Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073019\
Data File : PO058586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jul 2019 1:29
Operator : SM/AJ
Sample : K4046-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
DUP-2MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:46:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
System Monitoring Compounds								
1) SA	Tetrachlo...	4.174	3.523	1007356	875878	23.869	21.924	
2) SA	Decachlor...	9.661	8.412	4707682	3663330	86.929	92.806	
Target Compounds								
3) L1	AR-1016-1	5.328	4.581	497519	358194	265.492	245.678	
4) L1	AR-1016-2	5.351	4.598	697619	506646	253.538	236.023	
5) L1	AR-1016-3	5.411	4.771	425182	274990	250.412	242.126	
6) L1	AR-1016-4	5.509	4.812	356755	361033	254.970	382.733	#
7) L1	AR-1016-5	5.797	5.021	374052	366522	261.130	297.638	
8) L2	AR-1221-1	0.000	3.729	0	31432	N.D.	78.027	#
9) L2	AR-1221-2	0.000	3.815	0	47726	N.D.	159.905	#
10) L2	AR-1221-3	4.548	3.888	227570	169289	207.526	176.969	
11) L3	AR-1232-1	4.548	3.888	227570	169289	252.069	215.502	
12) L3	AR-1232-2	5.065	4.598	306584	506646	623.269	599.240	
13) L3	AR-1232-3	5.351	4.771	697619	274990	651.532	625.285	
14) L3	AR-1232-4	5.509	4.852	356755	313469	669.196	793.047	
15) L3	AR-1232-5	5.596	5.021	463540	366522	1135.954	832.532	#
16) L4	AR-1242-1	5.328	4.581	497519	358194	388.519	352.842	
17) L4	AR-1242-2	5.351	4.598	697619	506646	368.785	335.603	
18) L4	AR-1242-3	5.411	4.771	425182	274990	362.459	337.665	
19) L4	AR-1242-4	5.509	4.852	356755	313469	371.236	387.463	
20) L4	AR-1242-5	6.235	5.366	281953	875471	240.048	816.149	#
21) L5	AR-1248-1	5.328	4.581	497519	358194	492.104	447.941	
22) L5	AR-1248-2	5.596	4.812	463540	361033	320.658	325.843	
23) L5	AR-1248-3	5.797	4.852	374052	313469	227.718	275.417	
24) L5	AR-1248-4	6.196	5.021	377932	366522	186.610	262.367	#
25) L5	AR-1248-5	6.235	5.407	281953	79005	146.064	57.033	#
26) L6	AR-1254-1	6.167	5.366	994376	875471	421.116	337.949	
27) L6	AR-1254-2	6.383	5.511	1949609	1014574	505.873	443.156	
28) L6	AR-1254-3	6.747	5.909	2647311	2385161	653.716	648.254	
29) L6	AR-1254-4	7.030	6.135	1971315	1161988	547.490	499.734	
30) L6	AR-1254-5	7.444	6.545	3063022	9667415	845.027	2802.511	#
31) L7	AR-1260-1	6.905	6.034	1685103	1379315	585.279	579.533	
32) L7	AR-1260-2	7.162	6.222	4449994	1491822	1069.696	492.464	#
33) L7	AR-1260-3	7.513	6.372	1591530	1527477	427.375	565.765	#
34) L7	AR-1260-4	7.745	6.830	2959410	1436246	868.428	635.640	#
35) L7	AR-1260-5	8.045	7.079	1880916	1772862	255.741	329.201	#
36) L8	AR-1262-1	7.513	6.575	1591530	1739738	315.762	487.085	#
37) L8	AR-1262-2	8.045	7.079	1880916	1772862	236.322	314.003	#
38) L8	AR-1262-3	8.324	7.355	6858782	4537705	1349.246	1838.573	#
39) L8	AR-1262-4	8.410	7.420	4127373	3832413	1089.137	902.555	
40) L8	AR-1262-5	9.006	7.912	1063212	796117	462.759	468.196	
41) L9	AR-1268-1	8.324	7.355	6858782	4537705	614.061	557.113	
42) L9	AR-1268-2	8.410	7.420	4127373	3832413	439.405	505.787	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073019\
Data File : PO058586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jul 2019 1:29
Operator : SM/AJ
Sample : K4046-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
DUP-2MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:46:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.610	7.618	7374344	5741918	892.875	898.307
44)	L9 AR-1268-4	9.006	7.912	1063212	796117	355.674	343.054
45)	L9 AR-1268-5	9.369	8.182	16872010	13840332	785.864	807.584

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

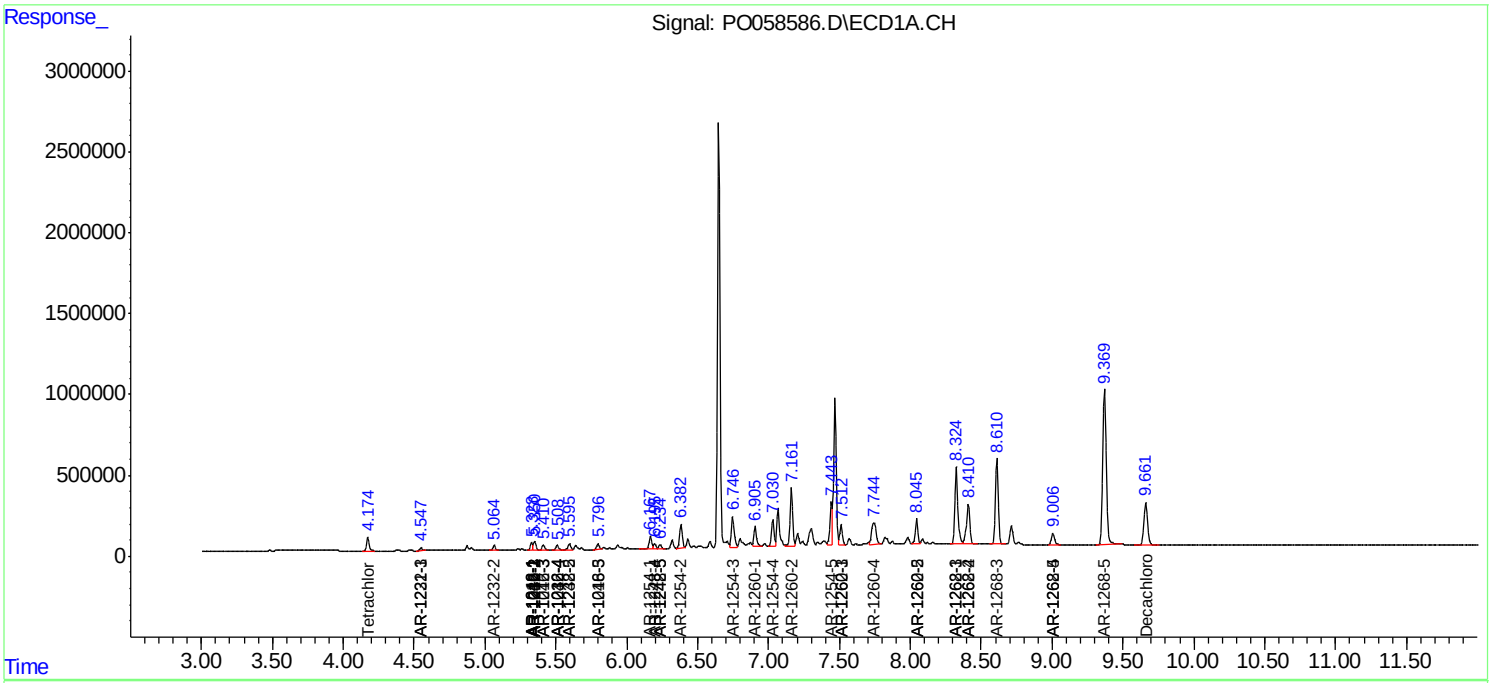
Quantitation Report (Not Reviewed)

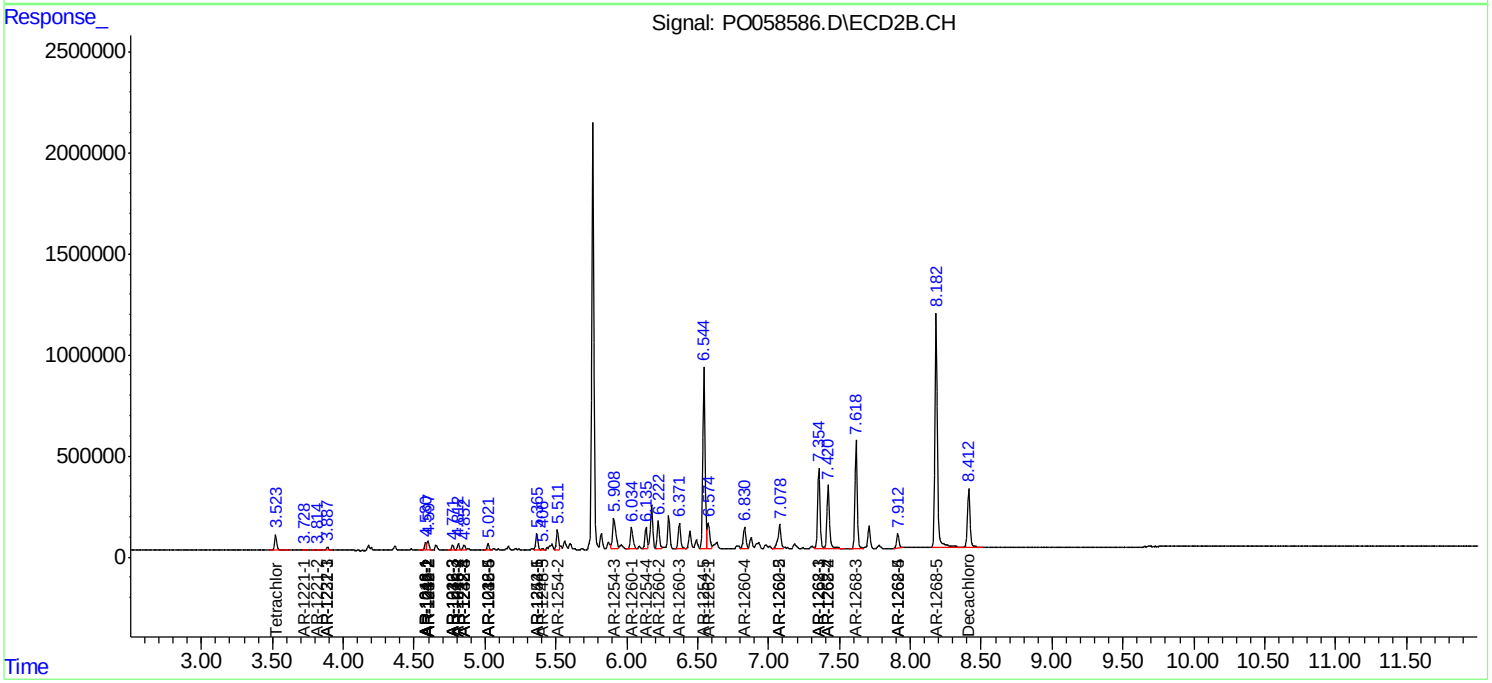
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073019\
Data File : PO058586.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jul 2019 1:29
Operator : SM/AJ
Sample : K4046-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
DUP-2MS

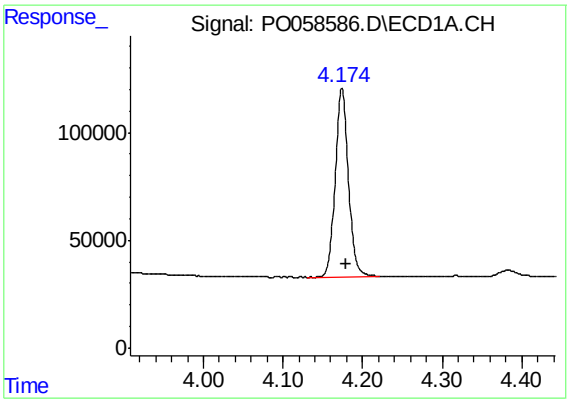
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:46:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



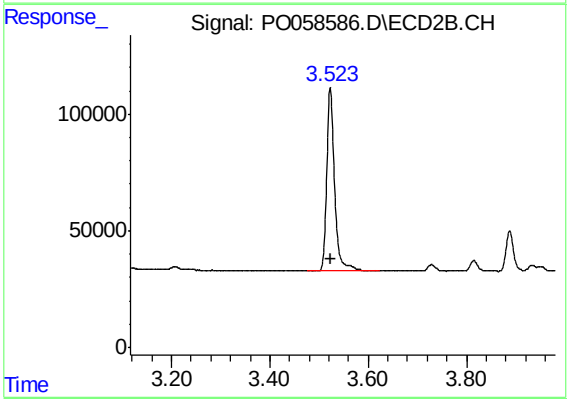


Instrument :
ECD_O
ClientSampleId :
DUP-2MS



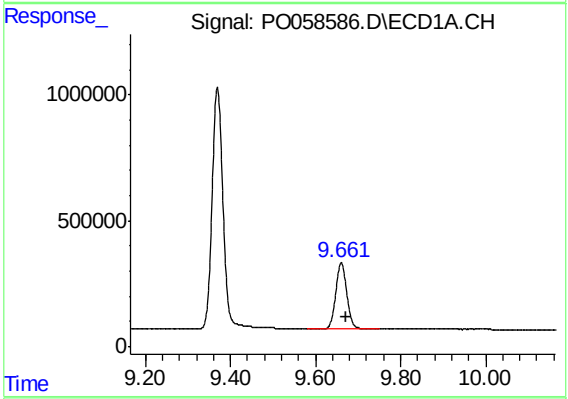
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: -0.005 min
Response: 1007356
Conc: 23.87 ng/ml



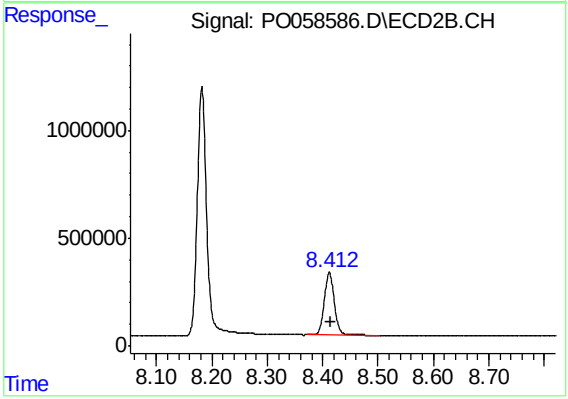
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 875878
Conc: 21.92 ng/ml



#2 Decachlorobiphenyl

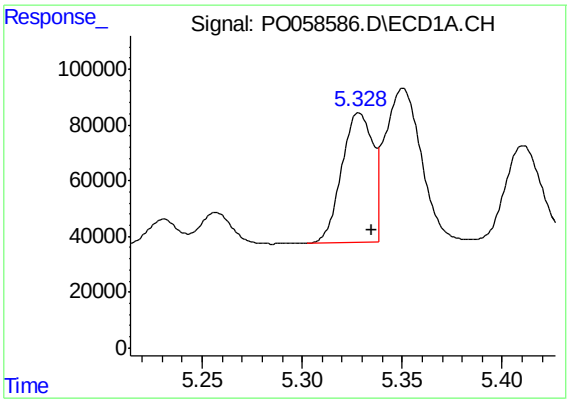
R.T.: 9.661 min
Delta R.T.: -0.012 min
Response: 4707682
Conc: 86.93 ng/ml



#2 Decachlorobiphenyl

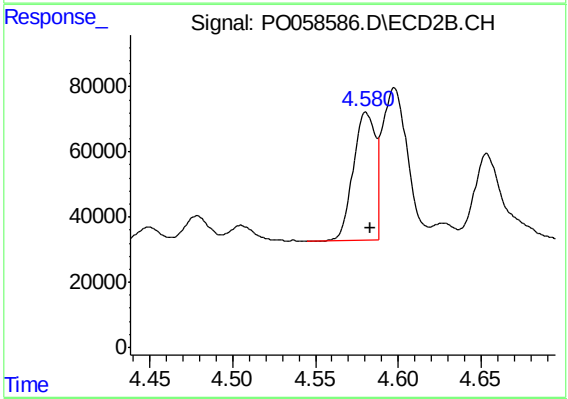
R.T.: 8.412 min
Delta R.T.: -0.002 min
Response: 3663330
Conc: 92.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



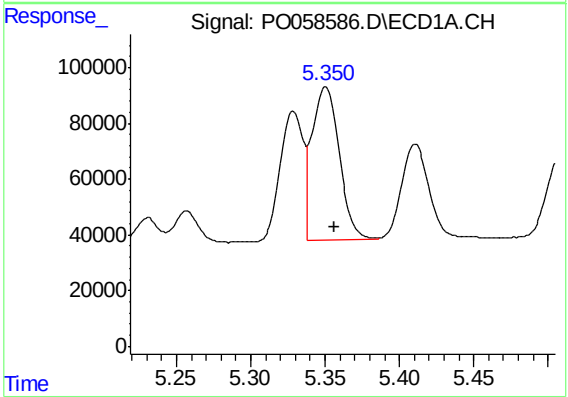
#3 AR-1016-1

R.T.: 5.328 min
Delta R.T.: -0.006 min
Response: 497519
Conc: 265.49 ng/ml



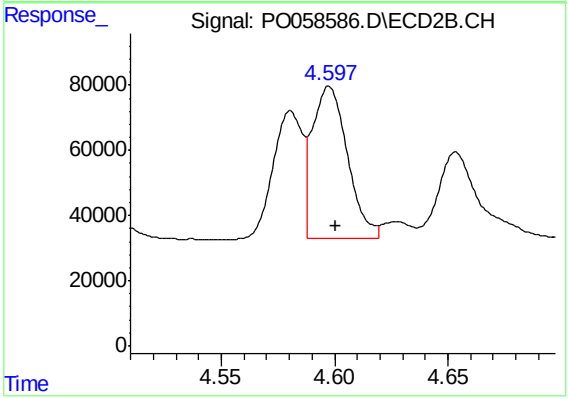
#3 AR-1016-1

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 358194
Conc: 245.68 ng/ml



#4 AR-1016-2

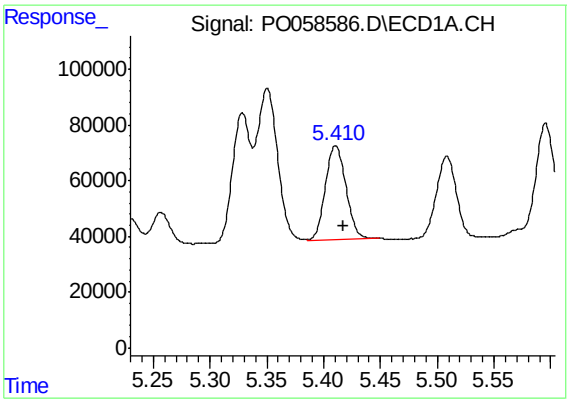
R.T.: 5.351 min
Delta R.T.: -0.006 min
Response: 697619
Conc: 253.54 ng/ml



#4 AR-1016-2

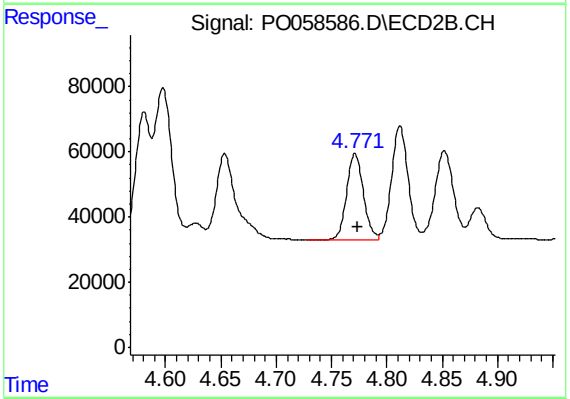
R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 506646
Conc: 236.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



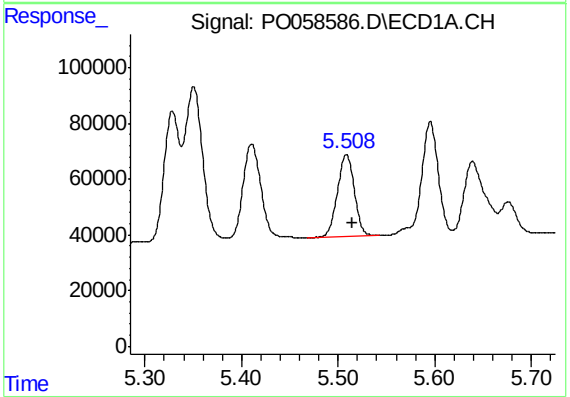
#5 AR-1016-3

R.T.: 5.411 min
Delta R.T.: -0.006 min
Response: 425182
Conc: 250.41 ng/ml



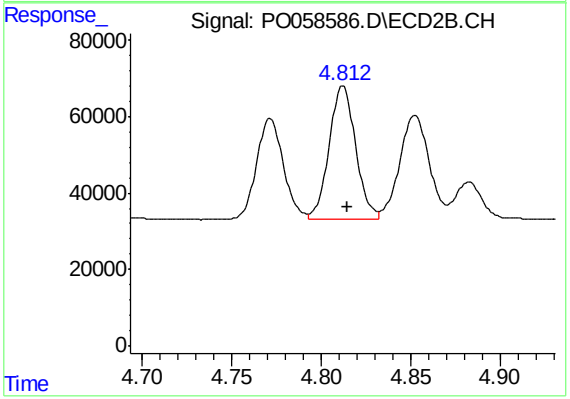
#5 AR-1016-3

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 274990
Conc: 242.13 ng/ml



#6 AR-1016-4

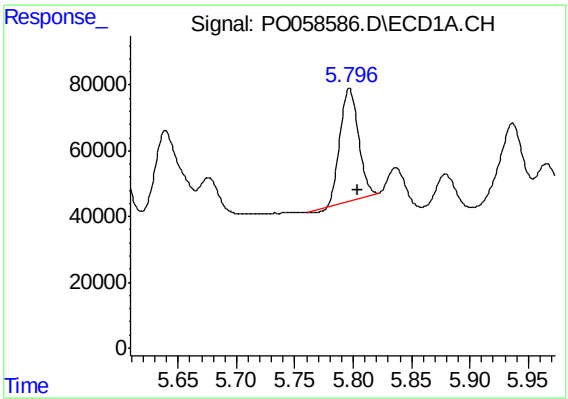
R.T.: 5.509 min
Delta R.T.: -0.006 min
Response: 356755
Conc: 254.97 ng/ml



#6 AR-1016-4

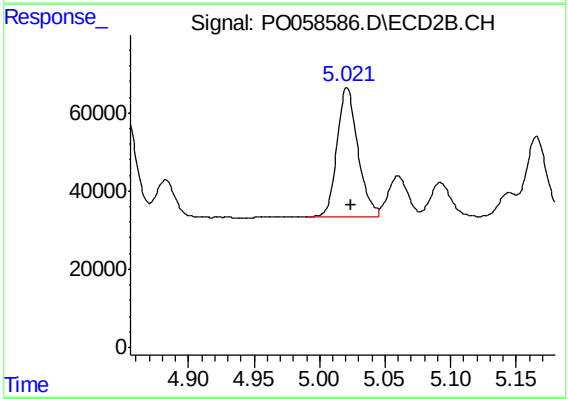
R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 361033
Conc: 382.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



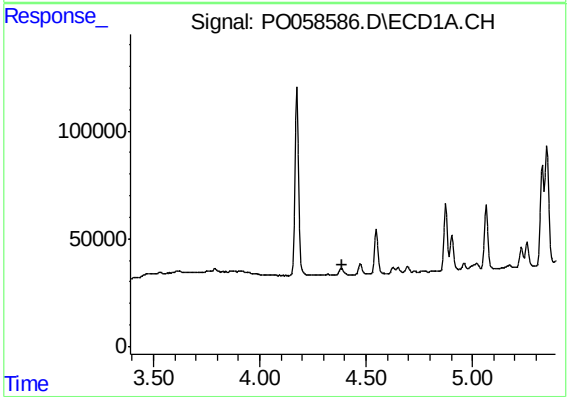
#7 AR-1016-5

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 374052
Conc: 261.13 ng/ml



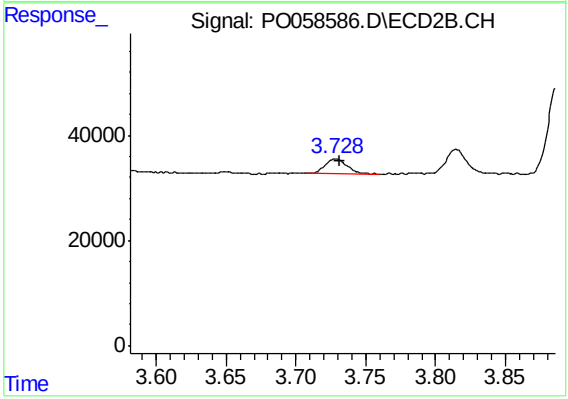
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 366522
Conc: 297.64 ng/ml



#8 AR-1221-1

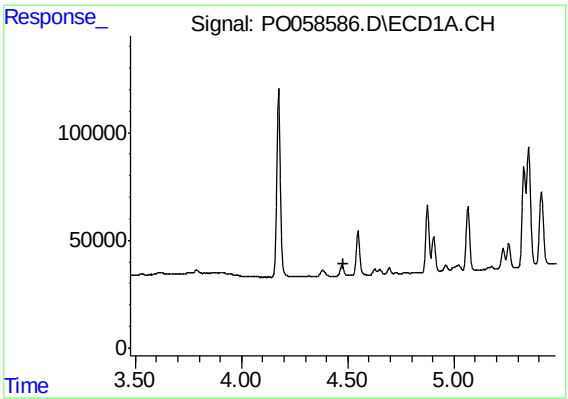
R.T.: 0.000 min
Exp R.T. : 4.391 min
Response: 0
Conc: N.D.



#8 AR-1221-1

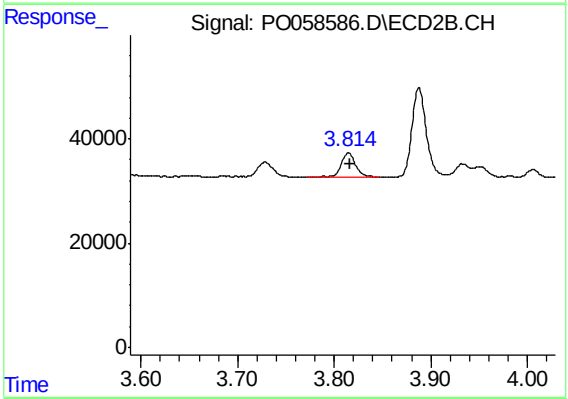
R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 31432
Conc: 78.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



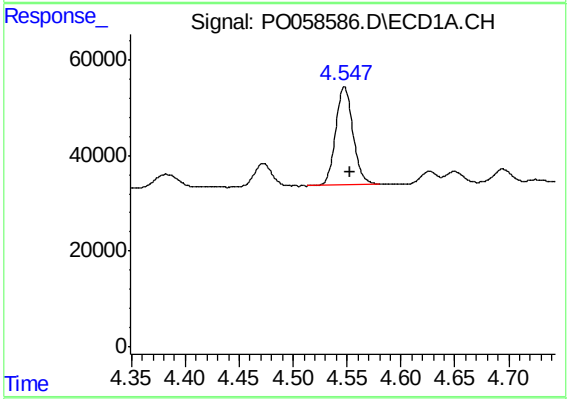
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.477 min
Response: 0
Conc: N.D.



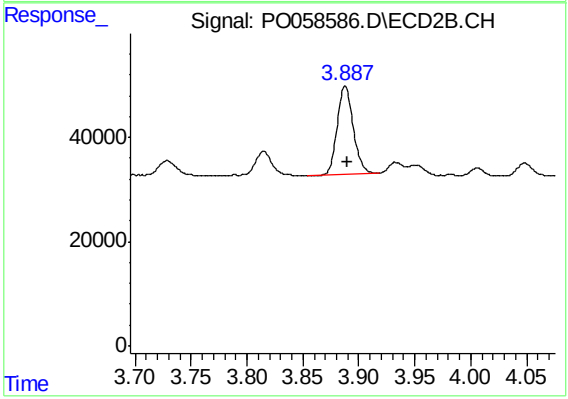
#9 AR-1221-2

R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 47726
Conc: 159.90 ng/ml



#10 AR-1221-3

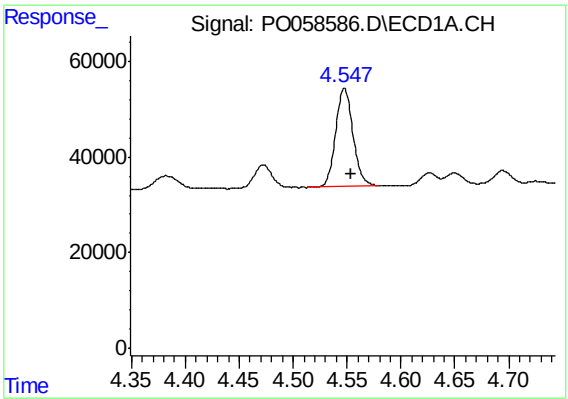
R.T.: 4.548 min
Delta R.T.: -0.005 min
Response: 227570
Conc: 207.53 ng/ml



#10 AR-1221-3

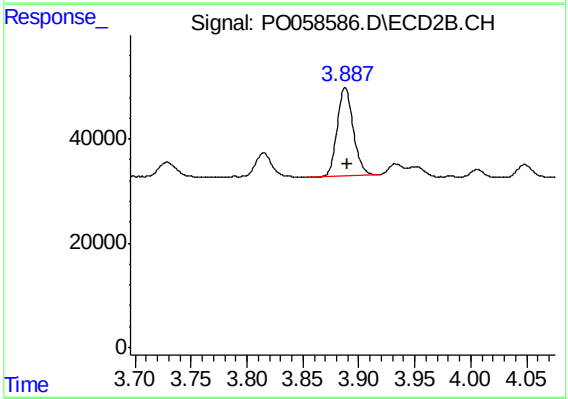
R.T.: 3.888 min
Delta R.T.: -0.002 min
Response: 169289
Conc: 176.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



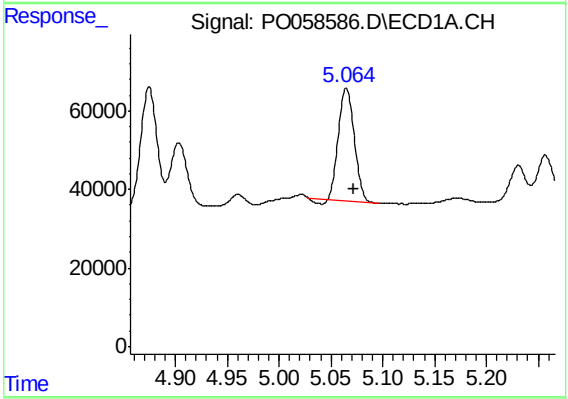
#11 AR-1232-1

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 227570
Conc: 252.07 ng/ml



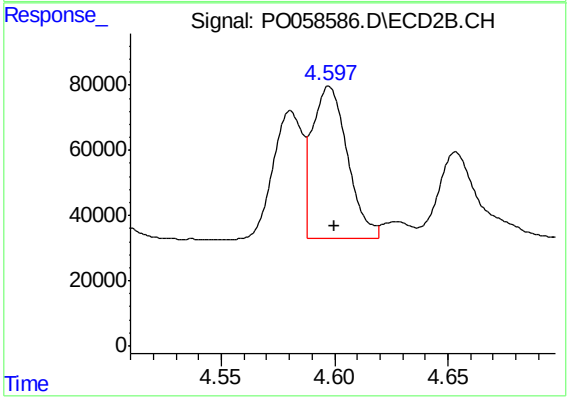
#11 AR-1232-1

R.T.: 3.888 min
Delta R.T.: -0.002 min
Response: 169289
Conc: 215.50 ng/ml



#12 AR-1232-2

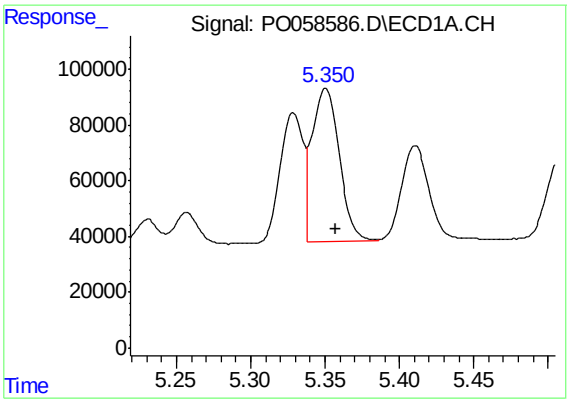
R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 306584
Conc: 623.27 ng/ml



#12 AR-1232-2

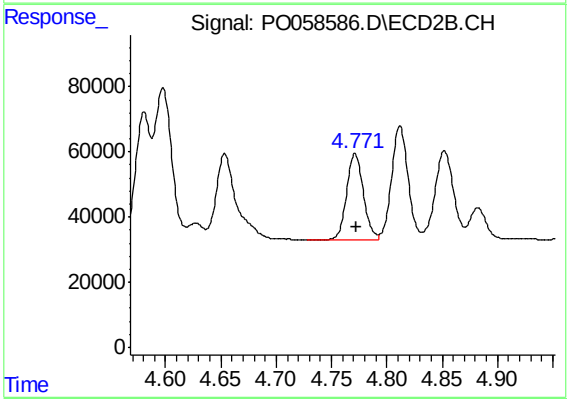
R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 506646
Conc: 599.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



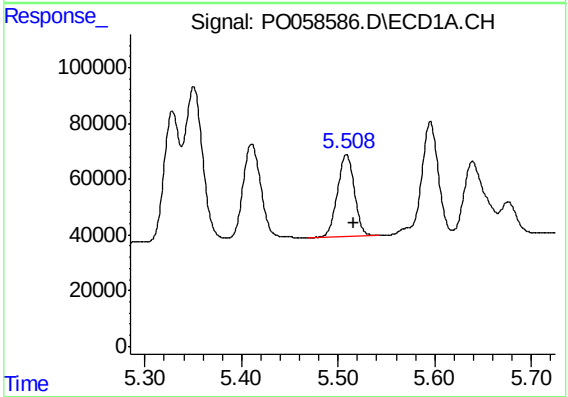
#13 AR-1232-3

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 697619
Conc: 651.53 ng/ml



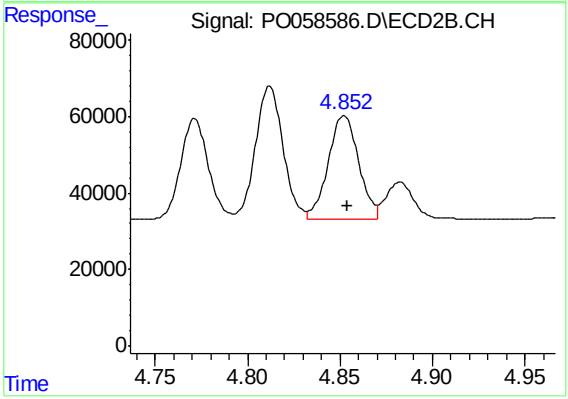
#13 AR-1232-3

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 274990
Conc: 625.28 ng/ml



#14 AR-1232-4

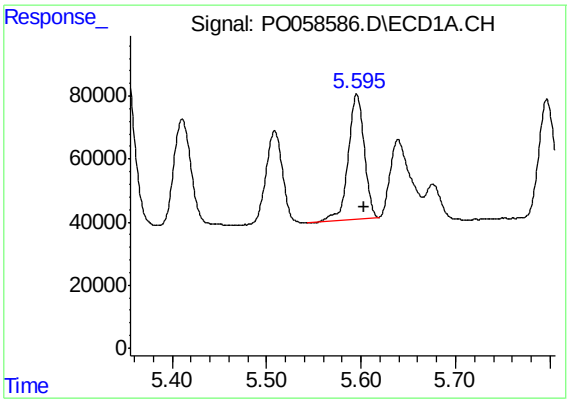
R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 356755
Conc: 669.20 ng/ml



#14 AR-1232-4

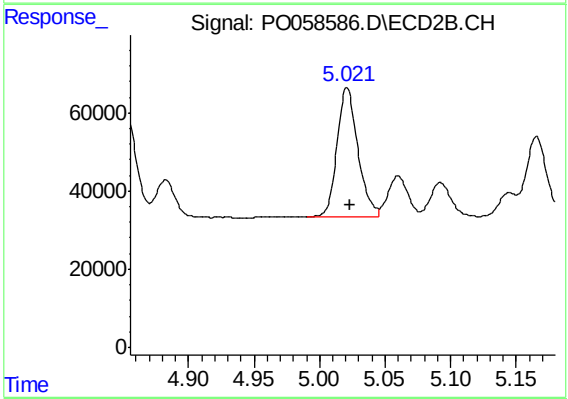
R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 313469
Conc: 793.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



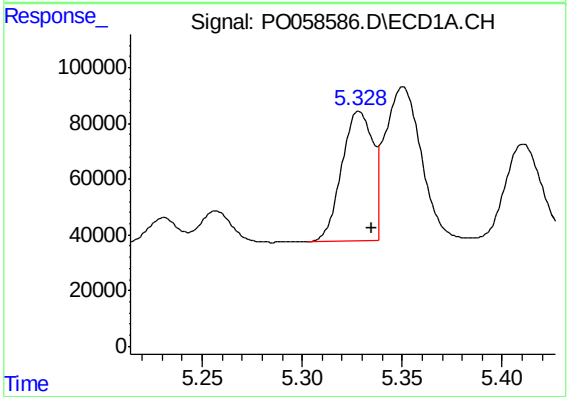
#15 AR-1232-5

R.T.: 5.596 min
Delta R.T.: -0.008 min
Response: 463540
Conc: 1135.95 ng/ml



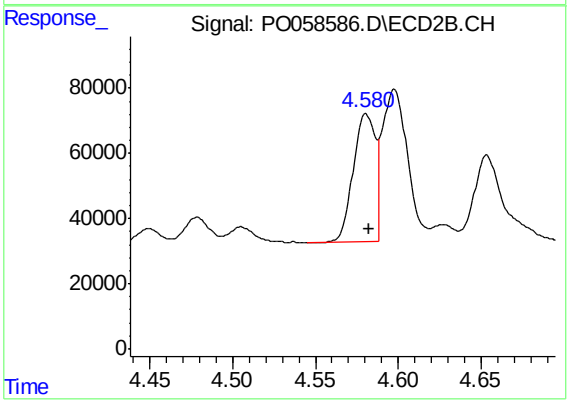
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 366522
Conc: 832.53 ng/ml



#16 AR-1242-1

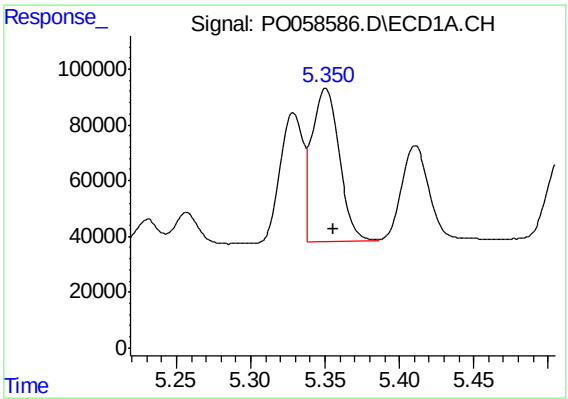
R.T.: 5.328 min
Delta R.T.: -0.006 min
Response: 497519
Conc: 388.52 ng/ml



#16 AR-1242-1

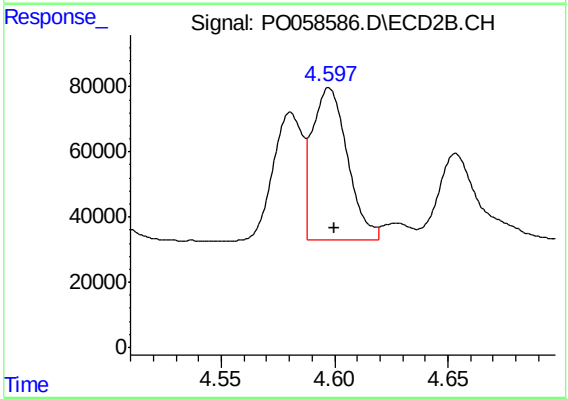
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 358194
Conc: 352.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



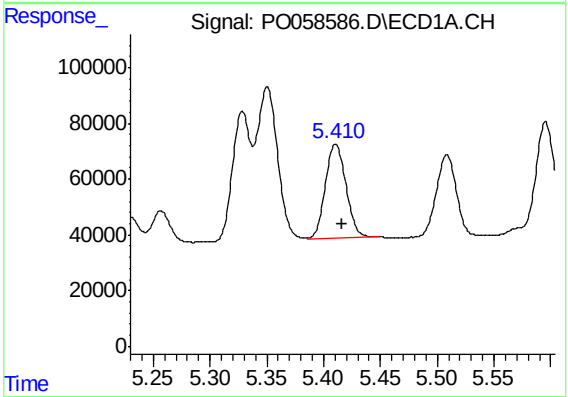
#17 AR-1242-2

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 697619
Conc: 368.78 ng/ml



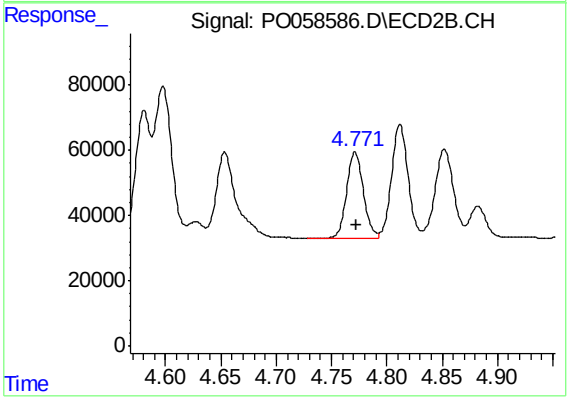
#17 AR-1242-2

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 506646
Conc: 335.60 ng/ml



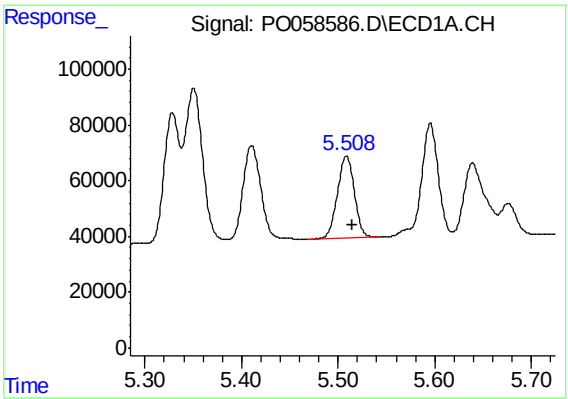
#18 AR-1242-3

R.T.: 5.411 min
Delta R.T.: -0.006 min
Response: 425182
Conc: 362.46 ng/ml



#18 AR-1242-3

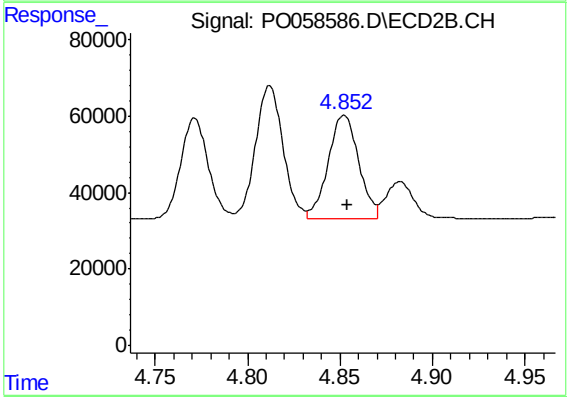
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 274990
Conc: 337.67 ng/ml



#19 AR-1242-4

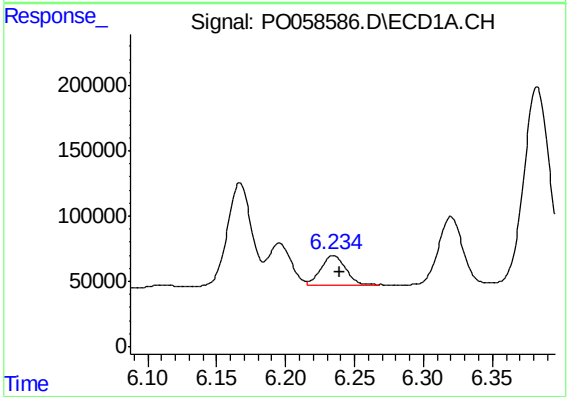
R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 356755
Conc: 371.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



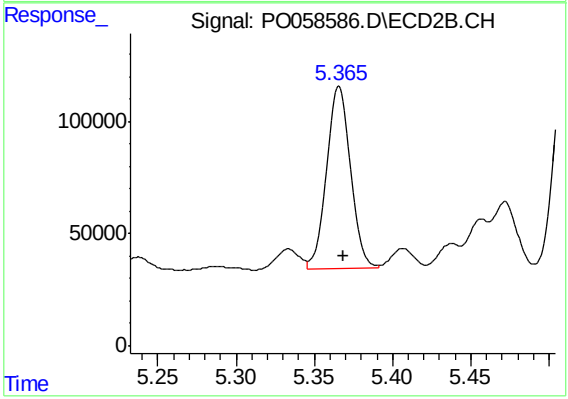
#19 AR-1242-4

R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 313469
Conc: 387.46 ng/ml



#20 AR-1242-5

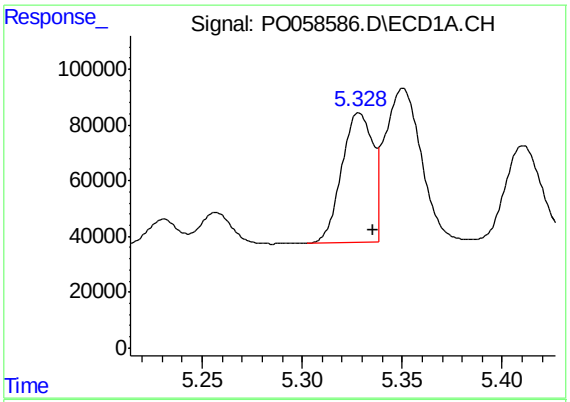
R.T.: 6.235 min
Delta R.T.: -0.005 min
Response: 281953
Conc: 240.05 ng/ml



#20 AR-1242-5

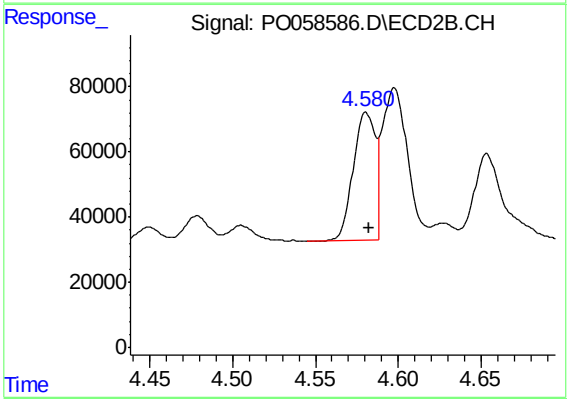
R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 875471
Conc: 816.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



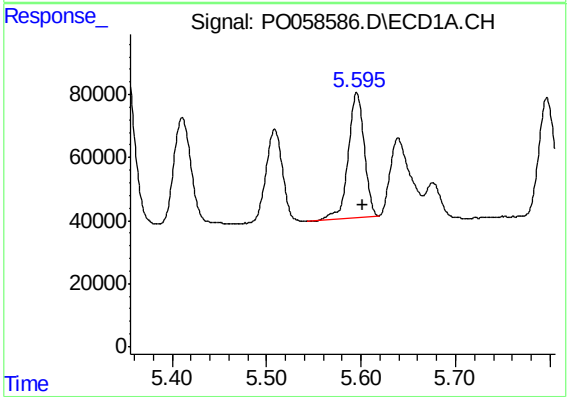
#21 AR-1248-1

R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 497519
Conc: 492.10 ng/ml



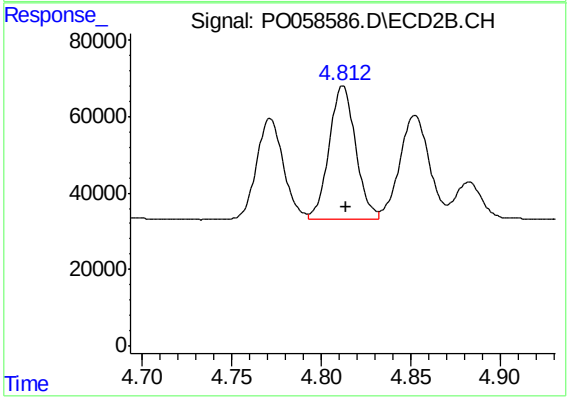
#21 AR-1248-1

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 358194
Conc: 447.94 ng/ml



#22 AR-1248-2

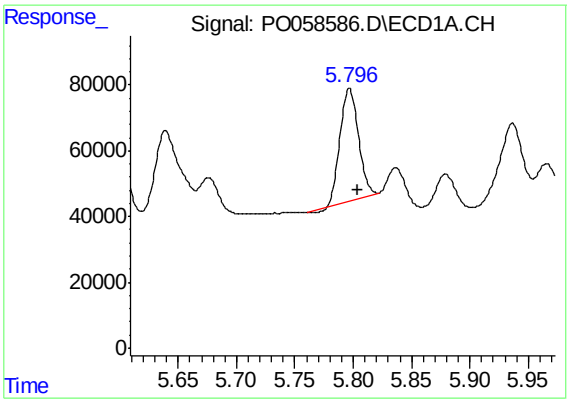
R.T.: 5.596 min
Delta R.T.: -0.007 min
Response: 463540
Conc: 320.66 ng/ml



#22 AR-1248-2

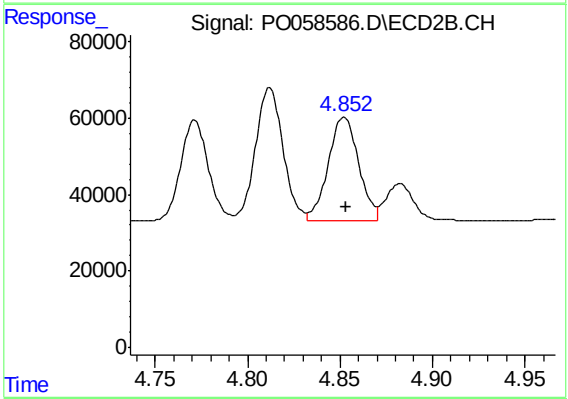
R.T.: 4.812 min
Delta R.T.: -0.002 min
Response: 361033
Conc: 325.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



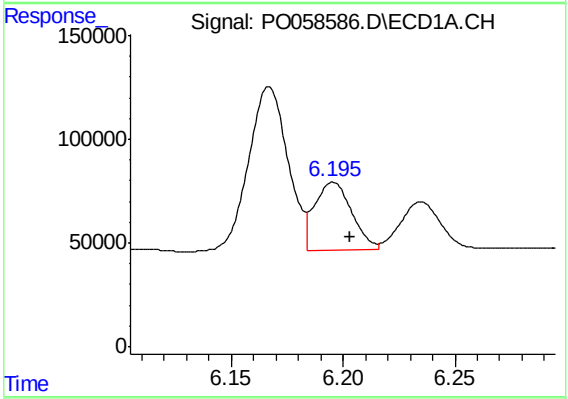
#23 AR-1248-3

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 374052
Conc: 227.72 ng/ml



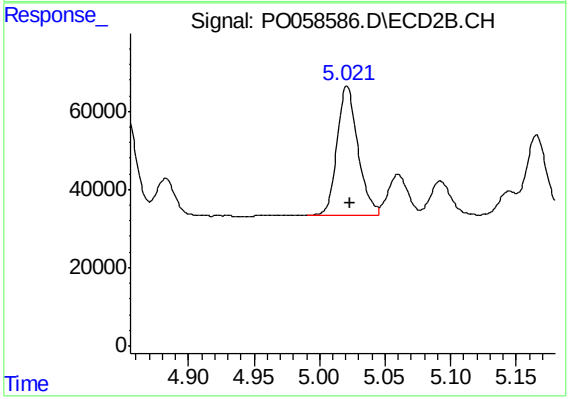
#23 AR-1248-3

R.T.: 4.852 min
Delta R.T.: -0.001 min
Response: 313469
Conc: 275.42 ng/ml



#24 AR-1248-4

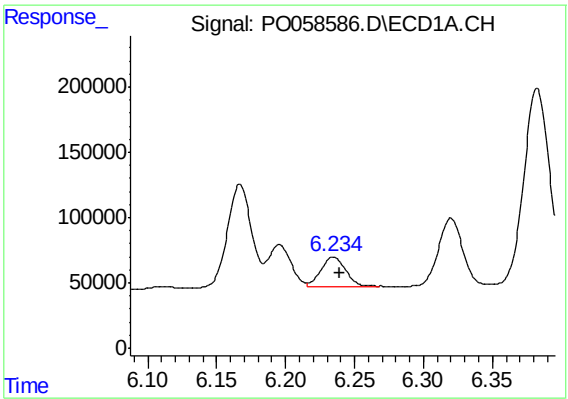
R.T.: 6.196 min
Delta R.T.: -0.007 min
Response: 377932
Conc: 186.61 ng/ml



#24 AR-1248-4

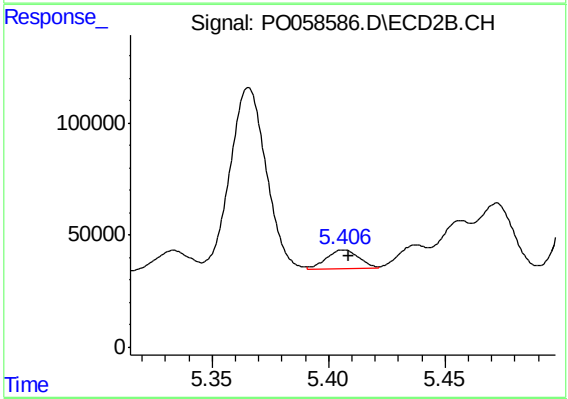
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 366522
Conc: 262.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



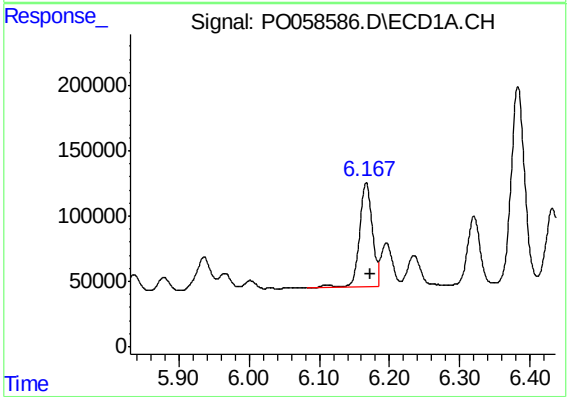
#25 AR-1248-5

R.T.: 6.235 min
Delta R.T.: -0.005 min
Response: 281953
Conc: 146.06 ng/ml



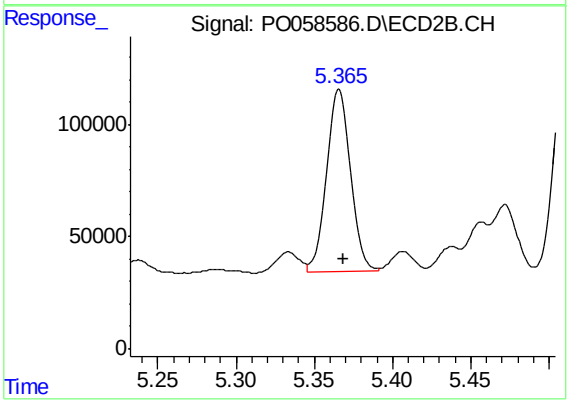
#25 AR-1248-5

R.T.: 5.407 min
Delta R.T.: -0.002 min
Response: 79005
Conc: 57.03 ng/ml



#26 AR-1254-1

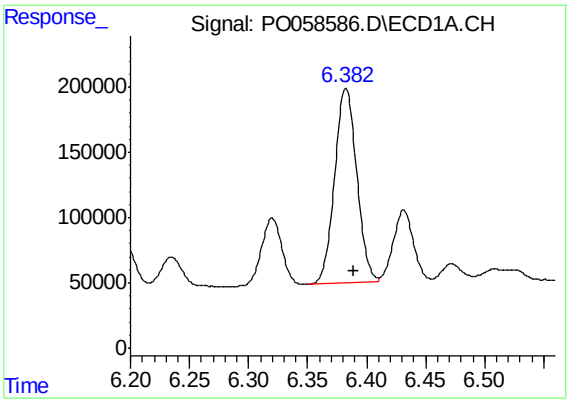
R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 994376
Conc: 421.12 ng/ml



#26 AR-1254-1

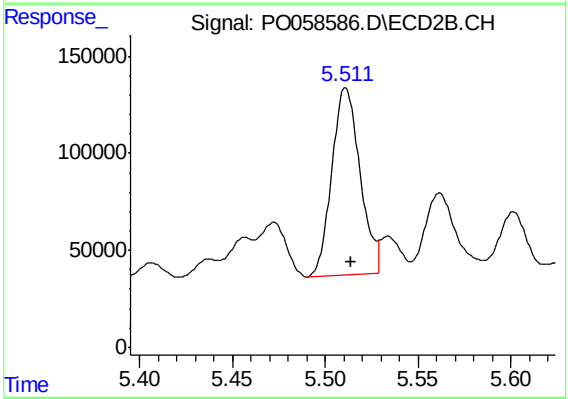
R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 875471
Conc: 337.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



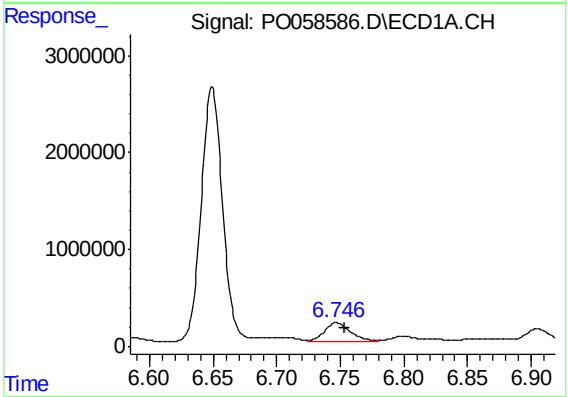
#27 AR-1254-2

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 1949609
Conc: 505.87 ng/ml



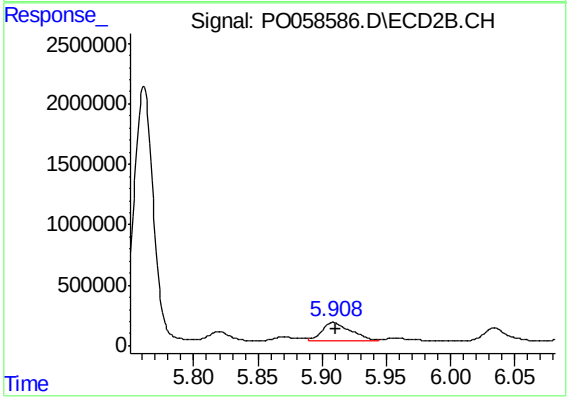
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 1014574
Conc: 443.16 ng/ml



#28 AR-1254-3

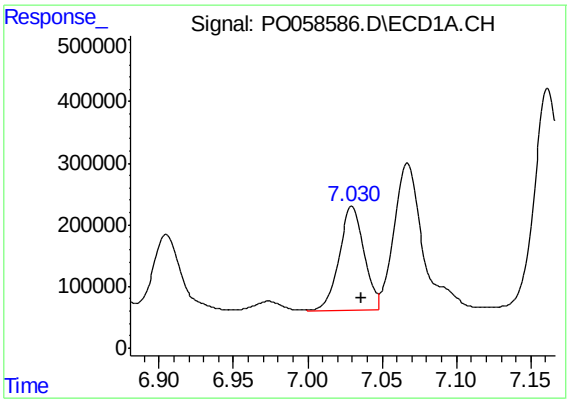
R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2647311
Conc: 653.72 ng/ml



#28 AR-1254-3

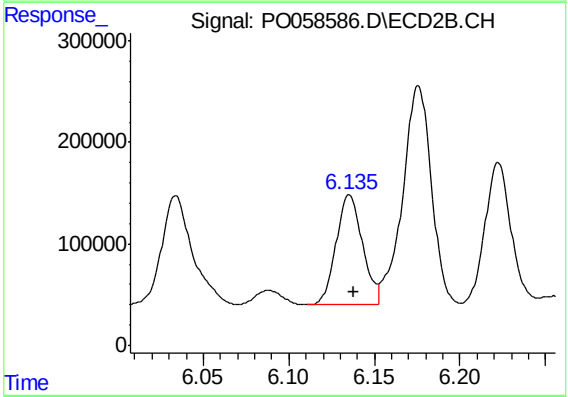
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2385161
Conc: 648.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



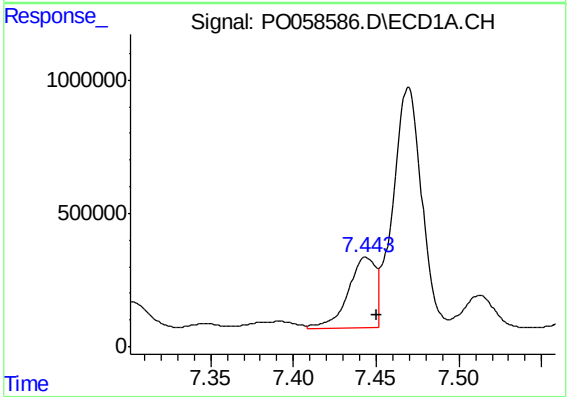
#29 AR-1254-4

R.T.: 7.030 min
Delta R.T.: -0.006 min
Response: 1971315
Conc: 547.49 ng/ml



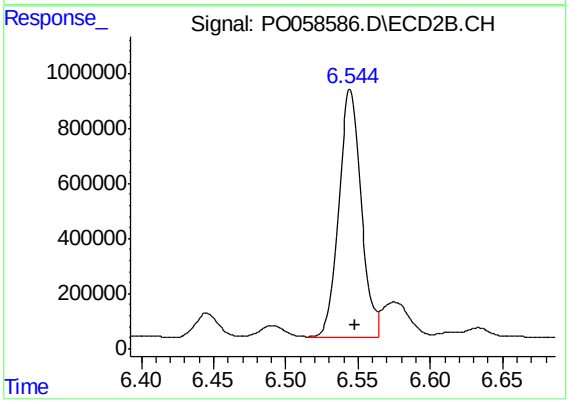
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 1161988
Conc: 499.73 ng/ml



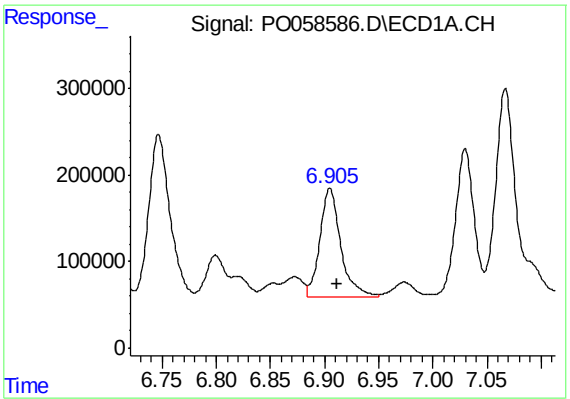
#30 AR-1254-5

R.T.: 7.444 min
Delta R.T.: -0.007 min
Response: 3063022
Conc: 845.03 ng/ml



#30 AR-1254-5

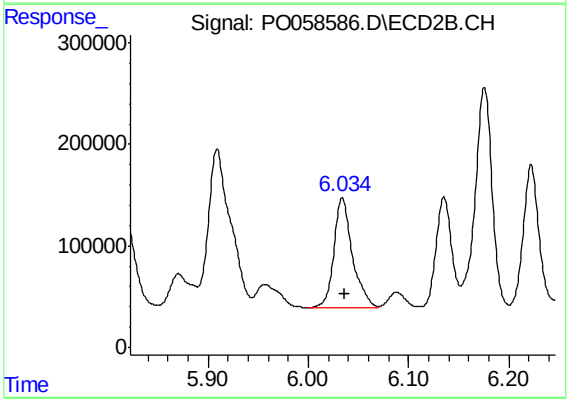
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 9667415
Conc: 2802.51 ng/ml



#31 AR-1260-1

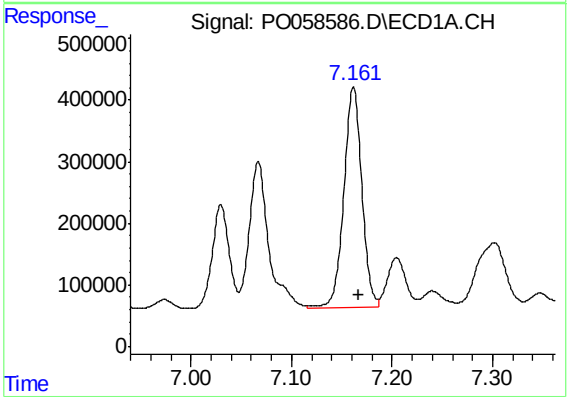
R.T.: 6.905 min
Delta R.T.: -0.007 min
Response: 1685103
Conc: 585.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



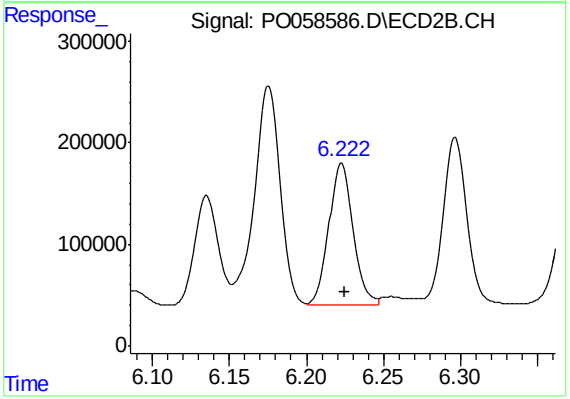
#31 AR-1260-1

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 1379315
Conc: 579.53 ng/ml



#32 AR-1260-2

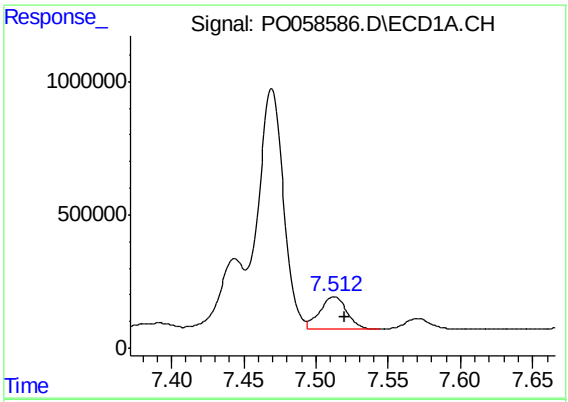
R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 4449994
Conc: 1069.70 ng/ml



#32 AR-1260-2

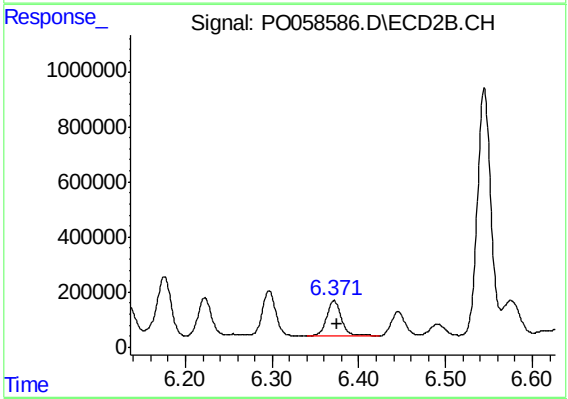
R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 1491822
Conc: 492.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



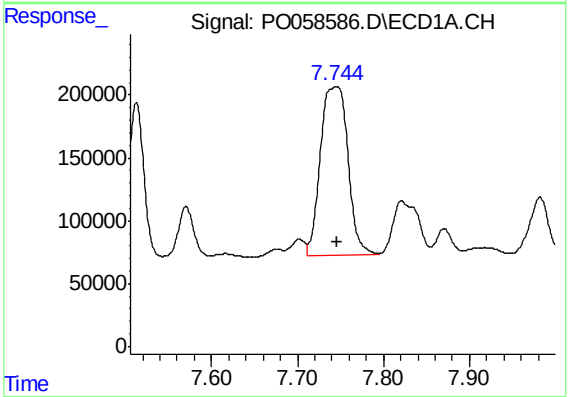
#33 AR-1260-3

R.T.: 7.513 min
Delta R.T.: -0.008 min
Response: 1591530
Conc: 427.37 ng/ml



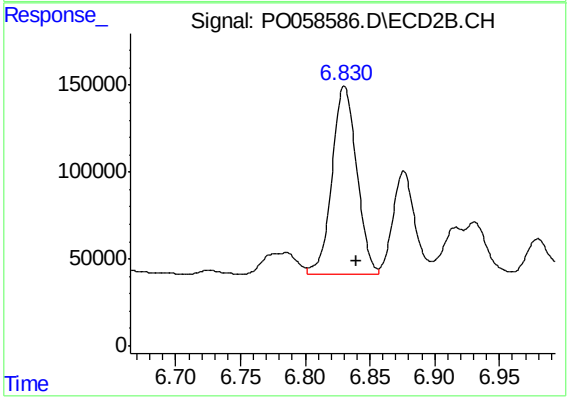
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: -0.003 min
Response: 1527477
Conc: 565.77 ng/ml



#34 AR-1260-4

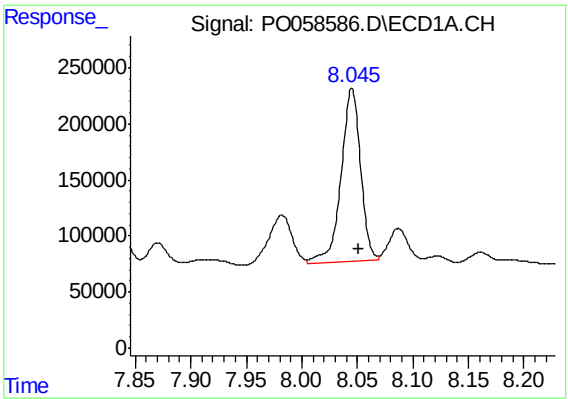
R.T.: 7.745 min
Delta R.T.: -0.001 min
Response: 2959410
Conc: 868.43 ng/ml



#34 AR-1260-4

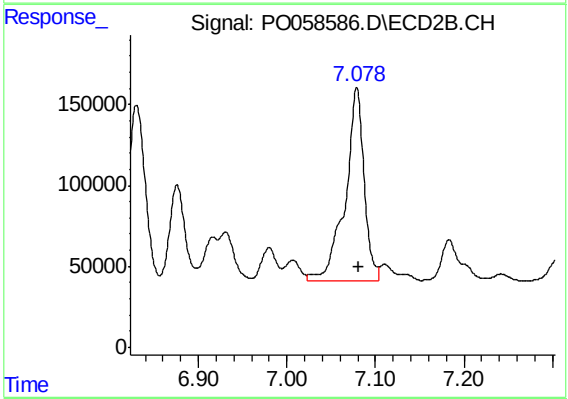
R.T.: 6.830 min
Delta R.T.: -0.009 min
Response: 1436246
Conc: 635.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



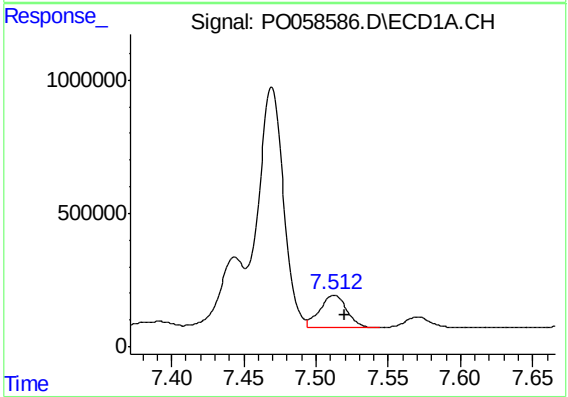
#35 AR-1260-5

R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 1880916
Conc: 255.74 ng/ml



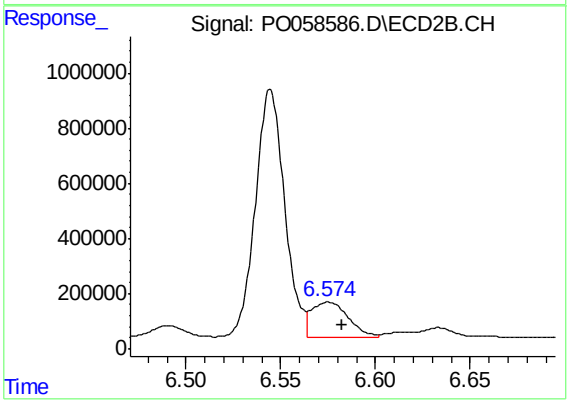
#35 AR-1260-5

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 1772862
Conc: 329.20 ng/ml



#36 AR-1262-1

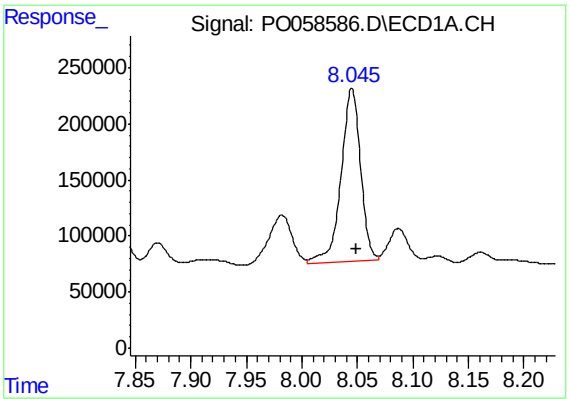
R.T.: 7.513 min
Delta R.T.: -0.007 min
Response: 1591530
Conc: 315.76 ng/ml



#36 AR-1262-1

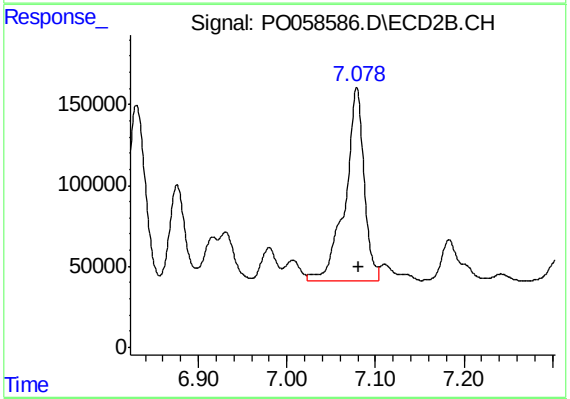
R.T.: 6.575 min
Delta R.T.: -0.007 min
Response: 1739738
Conc: 487.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



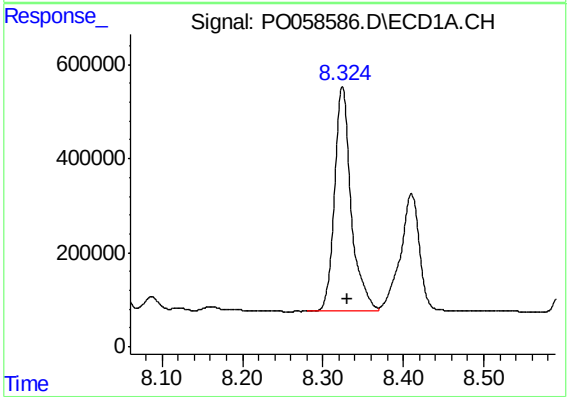
#37 AR-1262-2

R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 1880916
Conc: 236.32 ng/ml



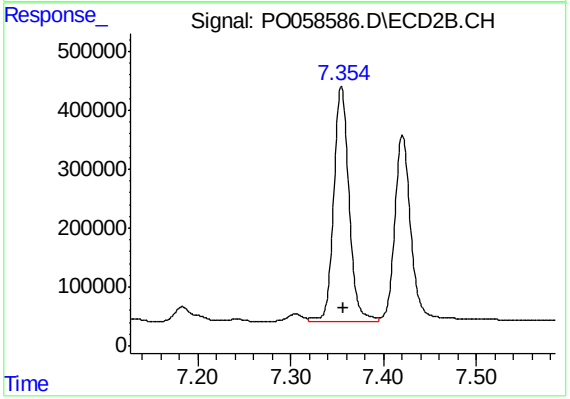
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 1772862
Conc: 314.00 ng/ml



#38 AR-1262-3

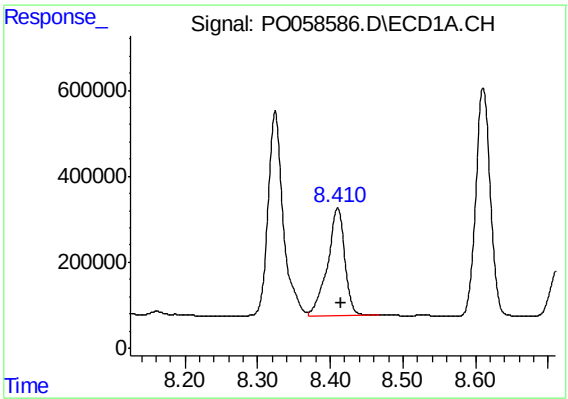
R.T.: 8.324 min
Delta R.T.: -0.005 min
Response: 6858782
Conc: 1349.25 ng/ml



#38 AR-1262-3

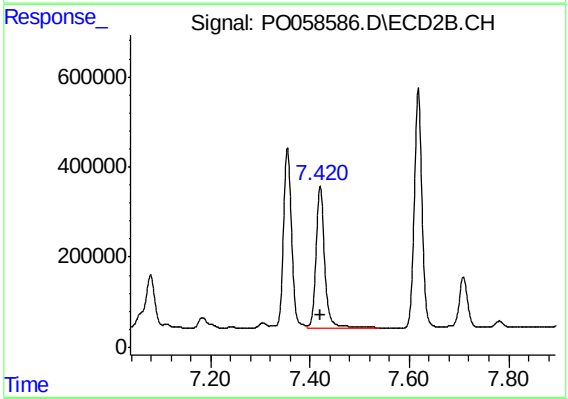
R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 4537705
Conc: 1838.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



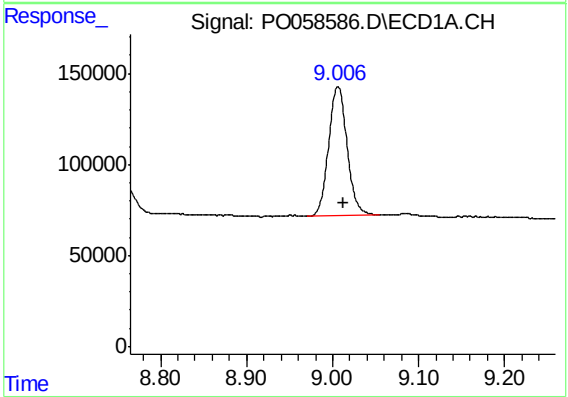
#39 AR-1262-4

R.T.: 8.410 min
Delta R.T.: -0.005 min
Response: 4127373
Conc: 1089.14 ng/ml



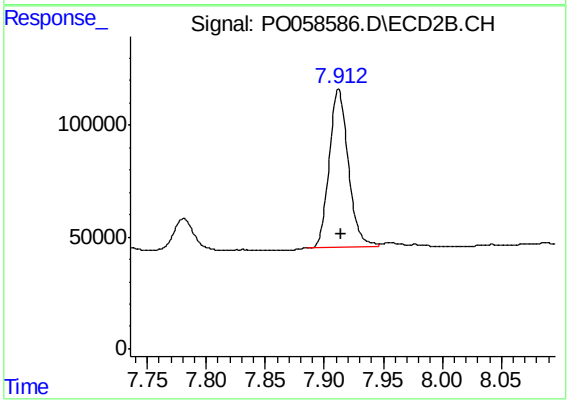
#39 AR-1262-4

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 3832413
Conc: 902.56 ng/ml



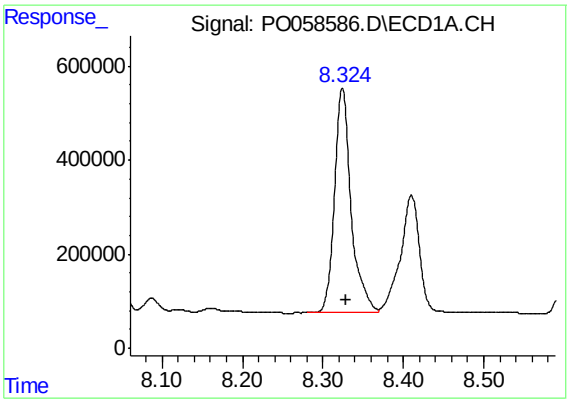
#40 AR-1262-5

R.T.: 9.006 min
Delta R.T.: -0.007 min
Response: 1063212
Conc: 462.76 ng/ml



#40 AR-1262-5

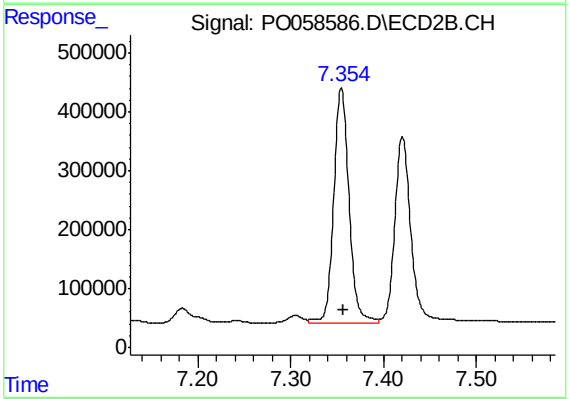
R.T.: 7.912 min
Delta R.T.: -0.002 min
Response: 796117
Conc: 468.20 ng/ml



#41 AR-1268-1

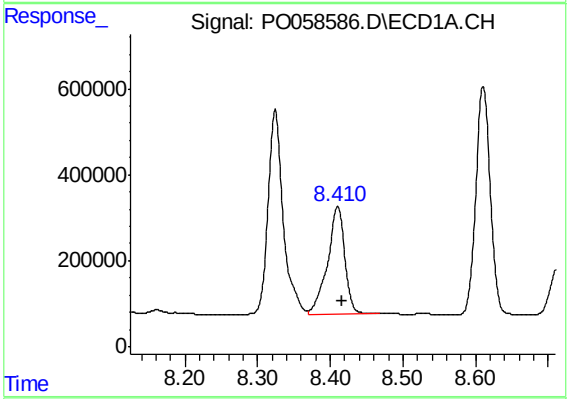
R.T.: 8.324 min
Delta R.T.: -0.005 min
Response: 6858782
Conc: 614.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



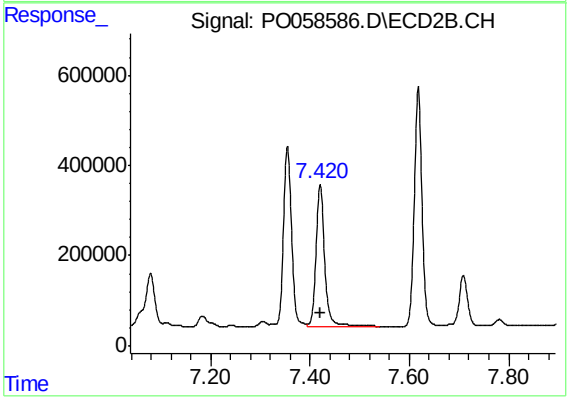
#41 AR-1268-1

R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 4537705
Conc: 557.11 ng/ml



#42 AR-1268-2

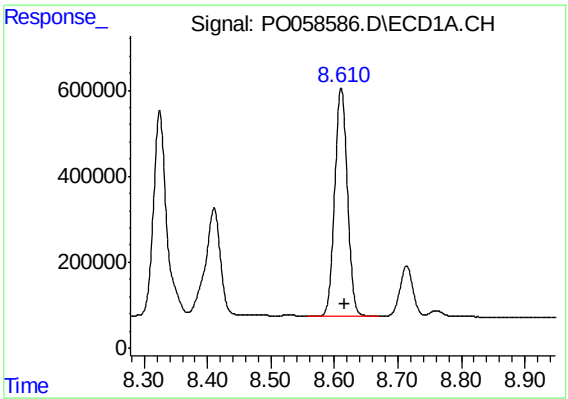
R.T.: 8.410 min
Delta R.T.: -0.006 min
Response: 4127373
Conc: 439.40 ng/ml



#42 AR-1268-2

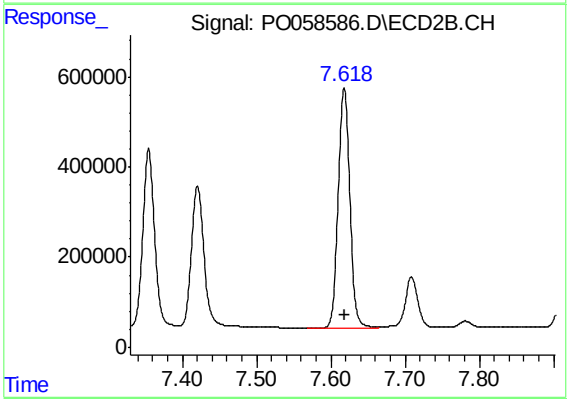
R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 3832413
Conc: 505.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



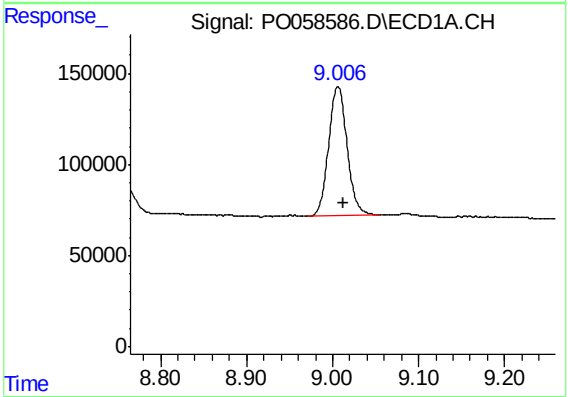
#43 AR-1268-3

R.T.: 8.610 min
Delta R.T.: -0.007 min
Response: 7374344
Conc: 892.88 ng/ml



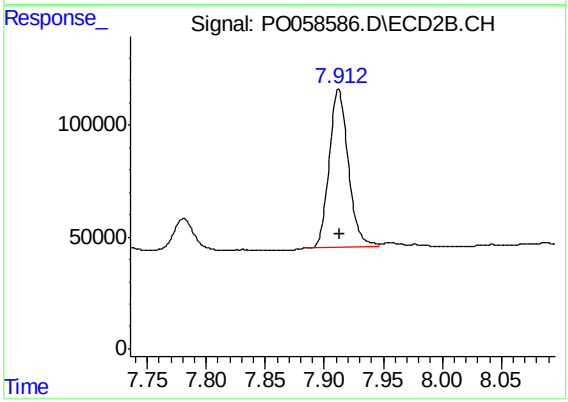
#43 AR-1268-3

R.T.: 7.618 min
Delta R.T.: -0.001 min
Response: 5741918
Conc: 898.31 ng/ml



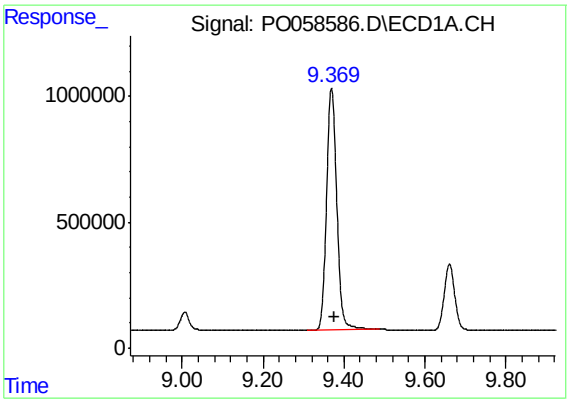
#44 AR-1268-4

R.T.: 9.006 min
Delta R.T.: -0.007 min
Response: 1063212
Conc: 355.67 ng/ml



#44 AR-1268-4

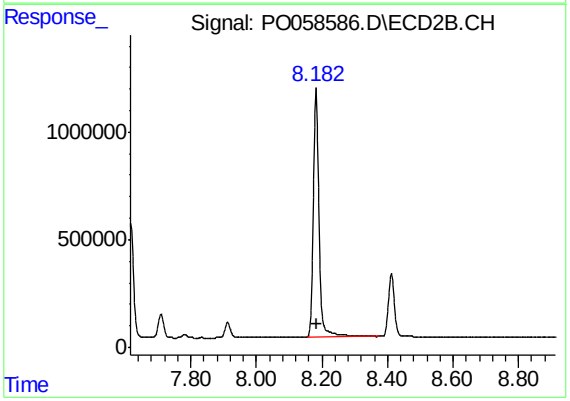
R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 796117
Conc: 343.05 ng/ml



#45 AR-1268-5

R.T.: 9.369 min
Delta R.T.: -0.007 min
Response: 16872010
Conc: 785.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-2MS



#45 AR-1268-5

R.T.: 8.182 min
Delta R.T.: 0.000 min
Response: 13840332
Conc: 807.58 ng/ml