

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110521\
 Data File : PP040734.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2021 22:37
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 16:13:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 2021
 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...	4.762	3.767	1160876	1324101	57.303	55.175
2)	SA Decachlor...	10.665	9.033	1086458	909539	51.014	52.083
Target Compounds							
3)	L1 AR-1016-1	6.077	5.017	394522	376819	561.898	539.102
4)	L1 AR-1016-2	6.100	5.036	598124	559507	560.799	543.886
5)	L1 AR-1016-3	6.166	5.227	363555	305508	561.045	538.847
6)	L1 AR-1016-4	6.273	5.280	297028	245640	552.682	540.841
7)	L1 AR-1016-5	6.586	5.506	297019	244477	547.305	437.163
8)	L2 AR-1221-1	0.000	4.023	0	48376	N.D.	175.232 #
9)	L2 AR-1221-2	5.148f	4.122	12884	69364	85.360	329.716 #
10)	L2 AR-1221-3	5.198f	4.210	226372	277731	411.140	423.094
11)	L3 AR-1232-1	5.198f	4.210	226372	277731	496.979	514.603
12)	L3 AR-1232-2	5.782f	5.036	310380	559507	1324.901	1315.426
13)	L3 AR-1232-3	6.100f	5.227	598124	305508	1392.031	1332.599
14)	L3 AR-1232-4	6.273f	5.324	297028	274059	1417.345	1381.156
15)	L3 AR-1232-5	6.370f	5.506	236549	244477	1653.552	1153.599 #
16)	L4 AR-1242-1	6.077	5.017	394522	376819	739.828	698.888
17)	L4 AR-1242-2	6.100	5.036	598124	559507	739.769	705.288
18)	L4 AR-1242-3	6.166	5.227	363555	305508	733.186	700.531
19)	L4 AR-1242-4	6.273	5.324	297028	274059	726.155	662.743
20)	L4 AR-1242-5	7.054	5.886	31800	213173	69.528	462.830 #
21)	L5 AR-1248-1	6.077	5.017	394522	376819	1004.405	947.249
22)	L5 AR-1248-2	6.370	5.280	236549	245640	418.339	423.444
23)	L5 AR-1248-3	6.586	5.324	297019	274059	423.580	454.368
24)	L5 AR-1248-4	7.014	5.506	32105	244477	40.642	355.587 #
25)	L5 AR-1248-5	7.054	5.926	31800	39258	40.724	62.155 #
26)	L6 AR-1254-1	6.983	5.886	160365	213173	207.721	219.150
27)	L6 AR-1254-2	7.211	6.046	214344	193299	172.673	230.323 #
28)	L6 AR-1254-3	7.593	6.483f	129376	348462	96.098	275.917 #
29)	L6 AR-1254-4	7.887	6.705	90258	50829	92.507	68.315 #
30)	L6 AR-1254-5	8.315	7.133	716666	579298	660.560	539.449
31)	L7 AR-1260-1	7.759	6.602	504372	468780	519.402	540.253
32)	L7 AR-1260-2	8.025	6.800	602735	540527	520.622	537.180
33)	L7 AR-1260-3	8.389	6.954	478852	503218	542.310	533.132
34)	L7 AR-1260-4	8.618	7.437	561158	424854	531.101	541.117
35)	L7 AR-1260-5	8.933	7.686	1057852	928993	506.642	522.922
36)	L8 AR-1262-1	8.389f	7.133	478852	579298	382.156	1005.255 #
37)	L8 AR-1262-2	8.933f	7.686	1057852	928993	465.518	521.735
38)	L8 AR-1262-3	0.000	7.972	0	227623	N.D.	293.575 #
39)	L8 AR-1262-4	9.302	8.034	461892	715462	787.695	510.487 #
40)	L8 AR-1262-5	9.954f	8.535	343063	280874	376.746	404.472
41)	L9 AR-1268-1	9.251f	7.972	722346	227623	264.984	106.160 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

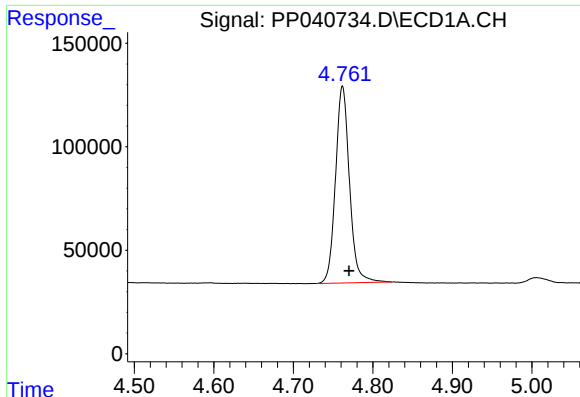
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 16:13:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
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 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
42) L9	AR-1268-2	9.302f	8.034	461892	715462	176.431	358.941 #
43) L9	AR-1268-3	9.534	8.242	14981	13624	6.785	7.799
44) L9	AR-1268-4	9.954	8.535	343063	280874	337.630	365.946
45) L9	AR-1268-5	10.347	8.807	123624	79118	16.973	14.659

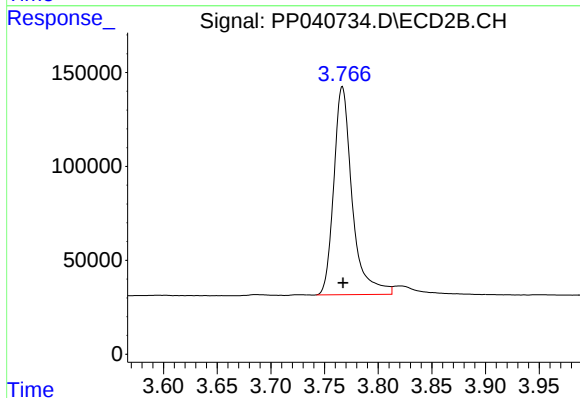
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

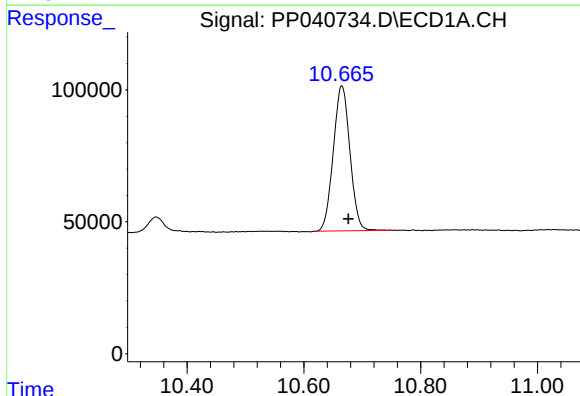
R.T.: 4.762 min
Delta R.T.: -0.008 min
Response: 1160876
Conc: 57.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



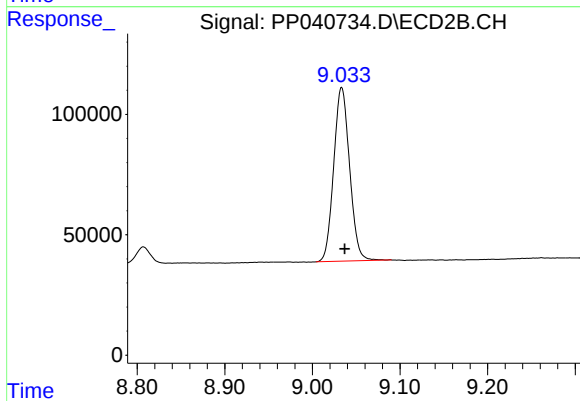
#1 Tetrachloro-m-xylene

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 1324101
Conc: 55.18 ng/ml



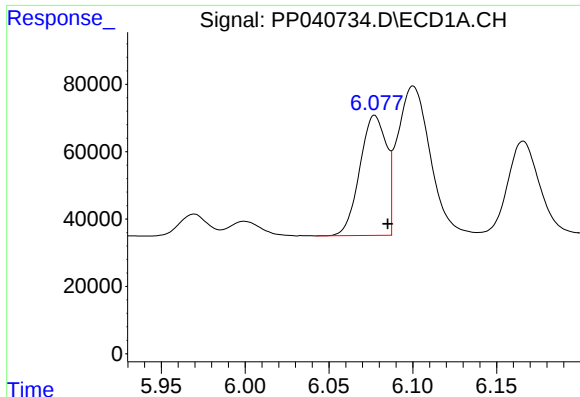
#2 Decachlorobiphenyl

R.T.: 10.665 min
Delta R.T.: -0.011 min
Response: 1086458
Conc: 51.01 ng/ml



#2 Decachlorobiphenyl

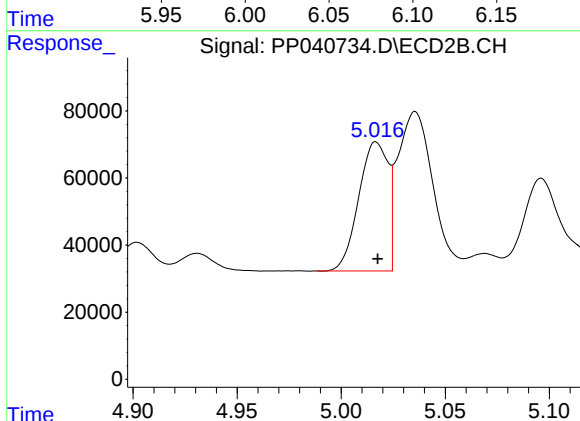
R.T.: 9.033 min
Delta R.T.: -0.003 min
Response: 909539
Conc: 52.08 ng/ml



#3 AR-1016-1

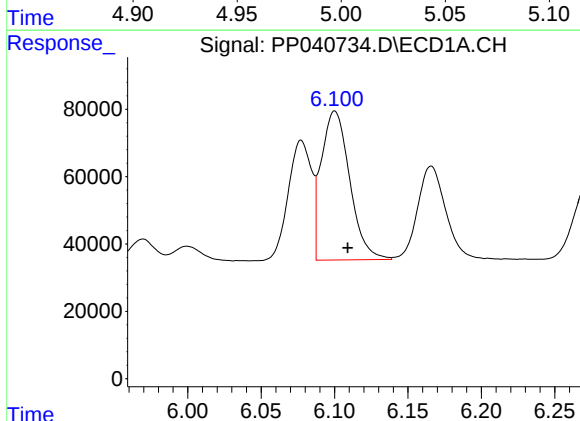
R.T.: 6.077 min
Delta R.T.: -0.008 min
Response: 394522
Conc: 561.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



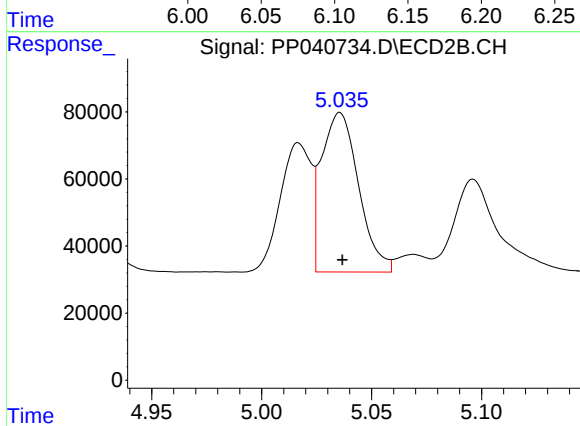
#3 AR-1016-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376819
Conc: 539.10 ng/ml



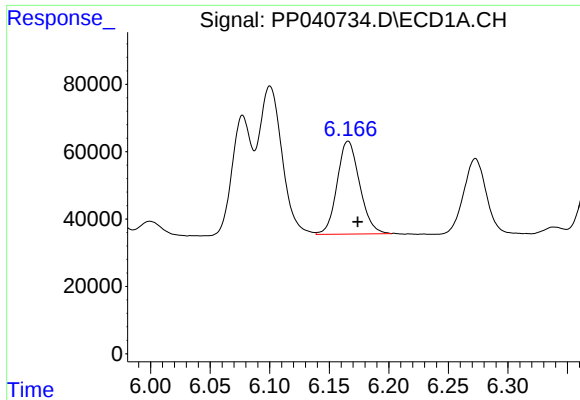
#4 AR-1016-2

R.T.: 6.100 min
Delta R.T.: -0.009 min
Response: 598124
Conc: 560.80 ng/ml



#4 AR-1016-2

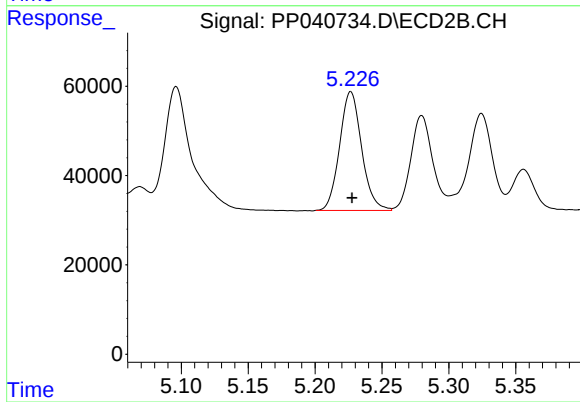
R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 559507
Conc: 543.89 ng/ml



#5 AR-1016-3

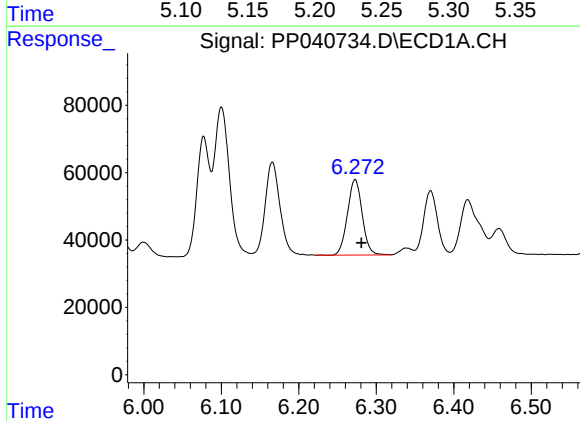
R.T.: 6.166 min
Delta R.T.: -0.008 min
Response: 363555
Conc: 561.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



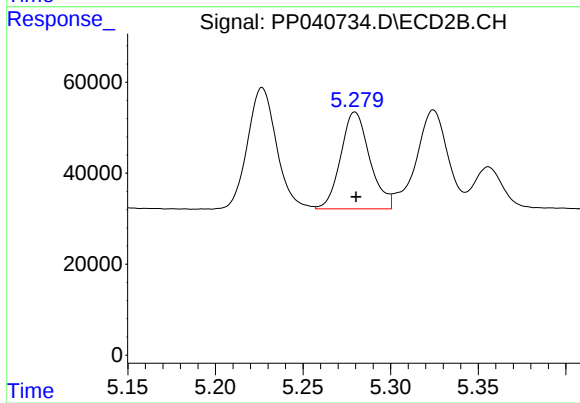
#5 AR-1016-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 305508
Conc: 538.85 ng/ml



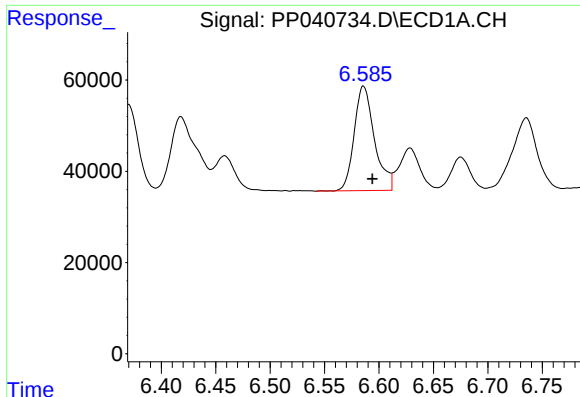
#6 AR-1016-4

R.T.: 6.273 min
Delta R.T.: -0.008 min
Response: 297028
Conc: 552.68 ng/ml



#6 AR-1016-4

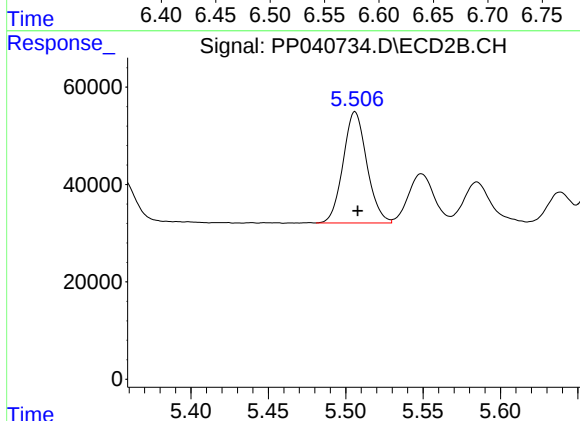
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 245640
Conc: 540.84 ng/ml



#7 AR-1016-5

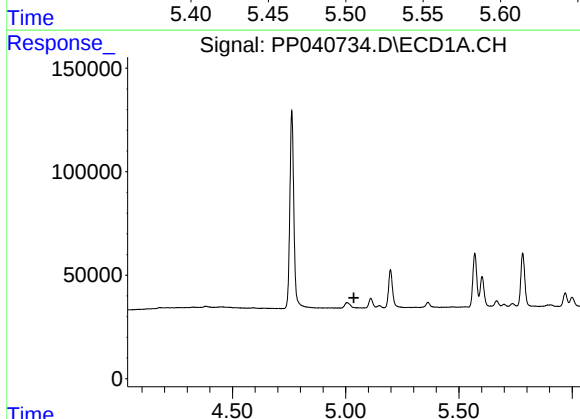
R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 297019
Conc: 547.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



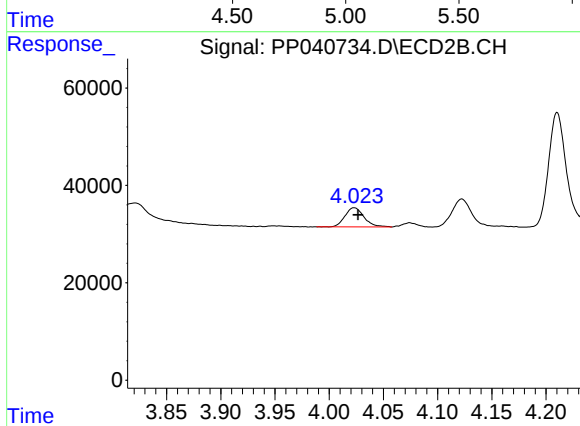
#7 AR-1016-5

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 244477
Conc: 437.16 ng/ml



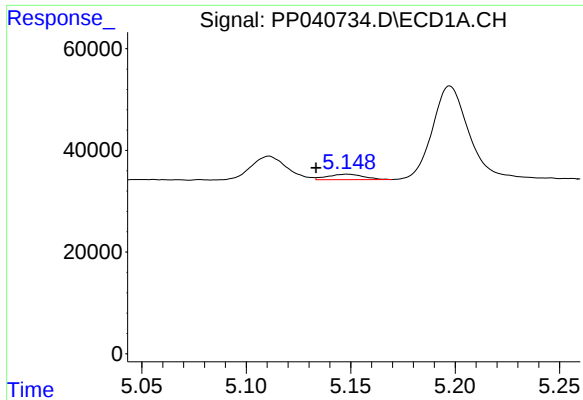
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 AR-1221-1

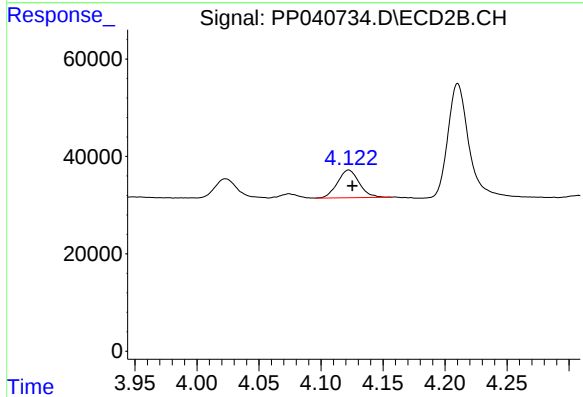
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 48376
Conc: 175.23 ng/ml



#9 AR-1221-2

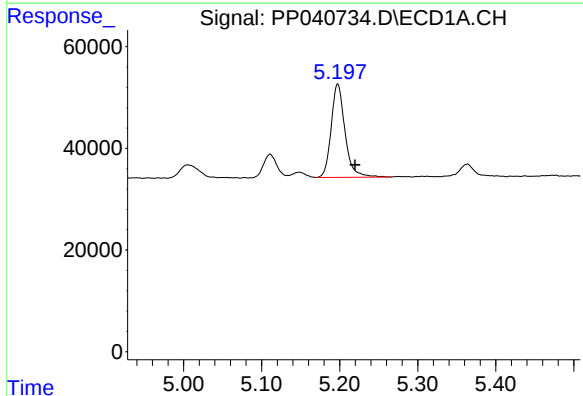
R.T.: 5.148 min
Delta R.T.: 0.015 min
Response: 12884
Conc: 85.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



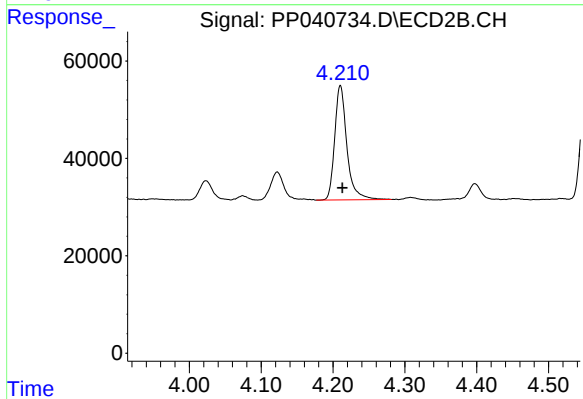
#9 AR-1221-2

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 69364
Conc: 329.72 ng/ml



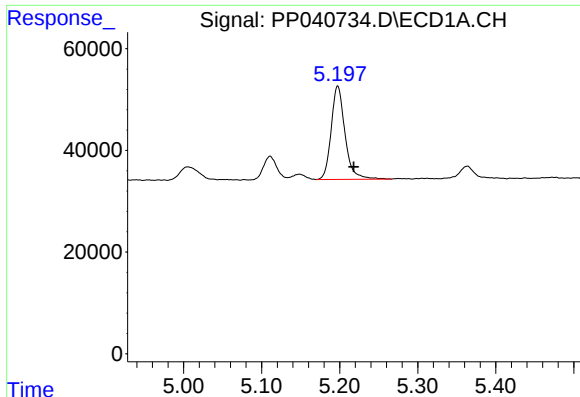
#10 AR-1221-3

R.T.: 5.198 min
Delta R.T.: -0.022 min
Response: 226372
Conc: 411.14 ng/ml



#10 AR-1221-3

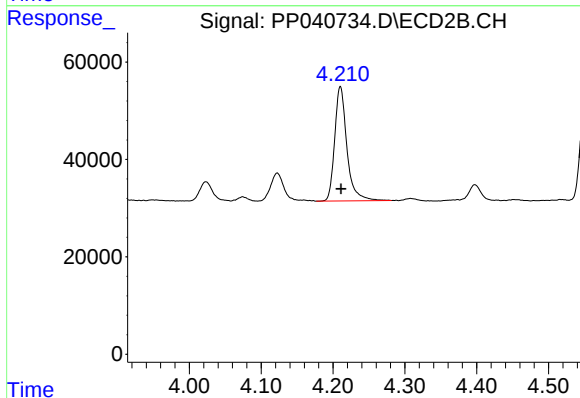
R.T.: 4.210 min
Delta R.T.: -0.003 min
Response: 277731
Conc: 423.09 ng/ml



#11 AR-1232-1

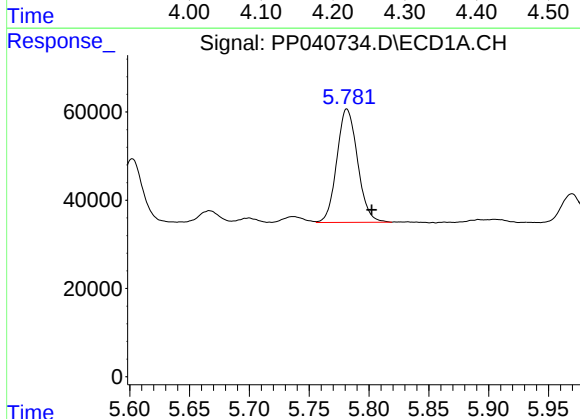
R.T.: 5.198 min
Delta R.T.: -0.021 min
Response: 226372
Conc: 496.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



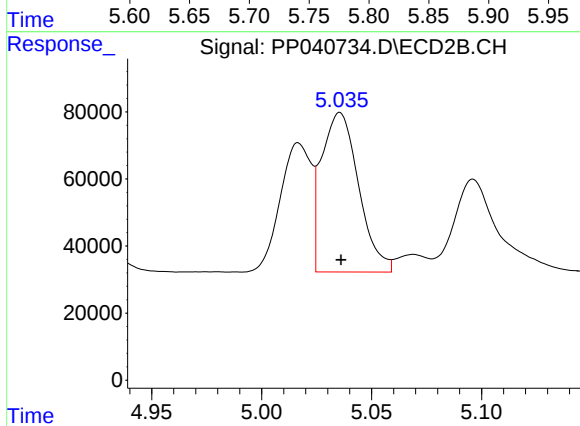
#11 AR-1232-1

R.T.: 4.210 min
Delta R.T.: -0.001 min
Response: 277731
Conc: 514.60 ng/ml



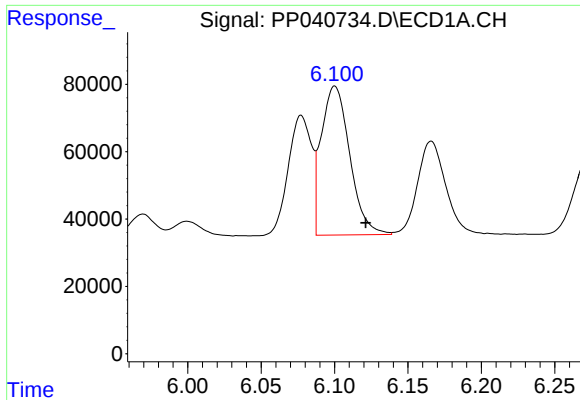
#12 AR-1232-2

R.T.: 5.782 min
Delta R.T.: -0.021 min
Response: 310380
Conc: 1324.90 ng/ml



#12 AR-1232-2

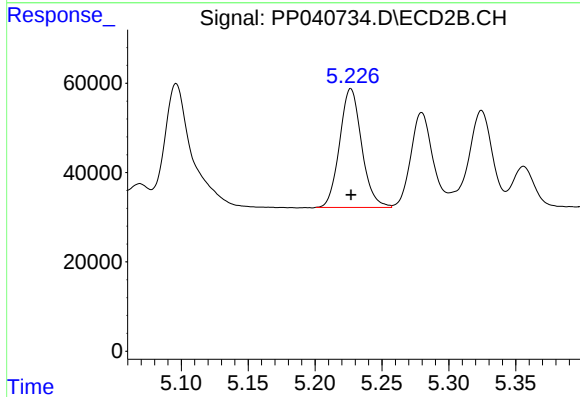
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 559507
Conc: 1315.43 ng/ml



#13 AR-1232-3

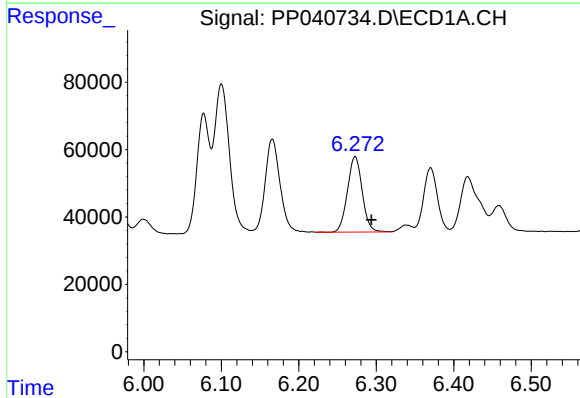
R.T.: 6.100 min
Delta R.T.: -0.021 min
Response: 598124
Conc: 1392.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



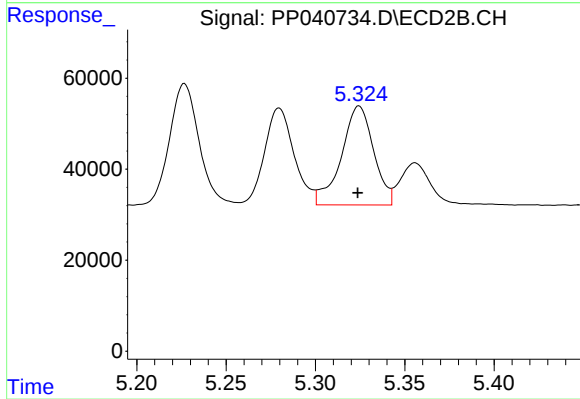
#13 AR-1232-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 305508
Conc: 1332.60 ng/ml



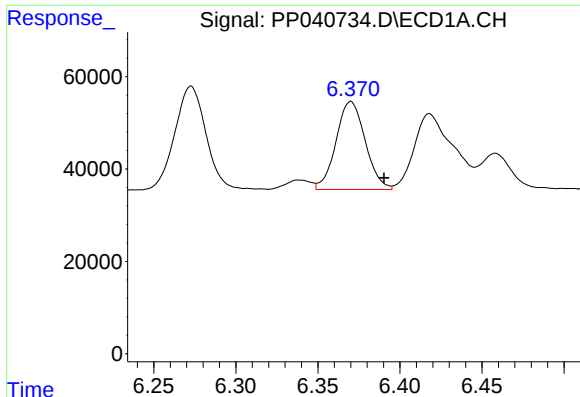
#14 AR-1232-4

R.T.: 6.273 min
Delta R.T.: -0.021 min
Response: 297028
Conc: 1417.34 ng/ml



#14 AR-1232-4

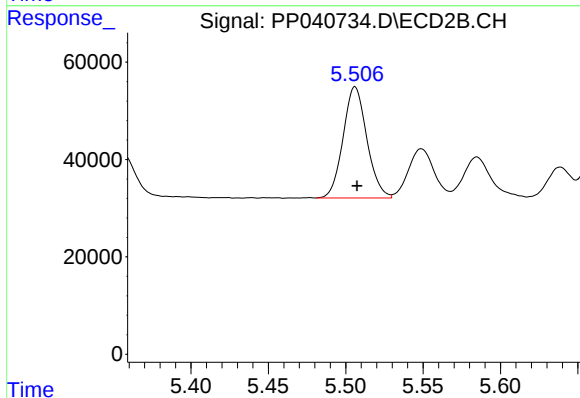
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 274059
Conc: 1381.16 ng/ml



#15 AR-1232-5

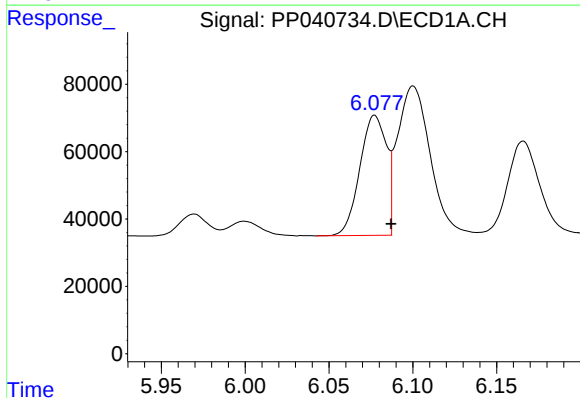
R.T.: 6.370 min
Delta R.T.: -0.020 min
Response: 236549
Conc: 1653.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



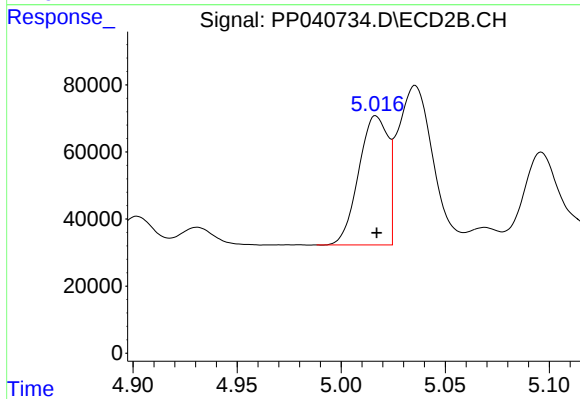
#15 AR-1232-5

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 244477
Conc: 1153.60 ng/ml



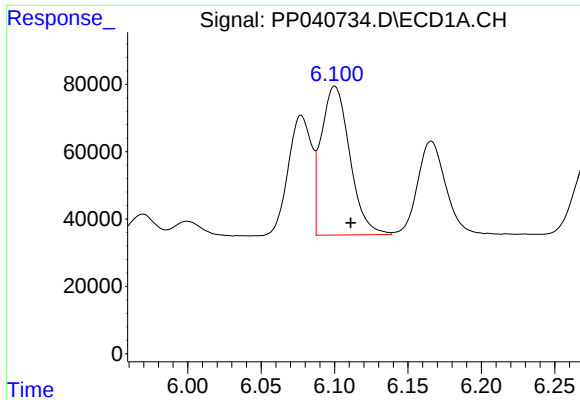
#16 AR-1242-1

R.T.: 6.077 min
Delta R.T.: -0.010 min
Response: 394522
Conc: 739.83 ng/ml



#16 AR-1242-1

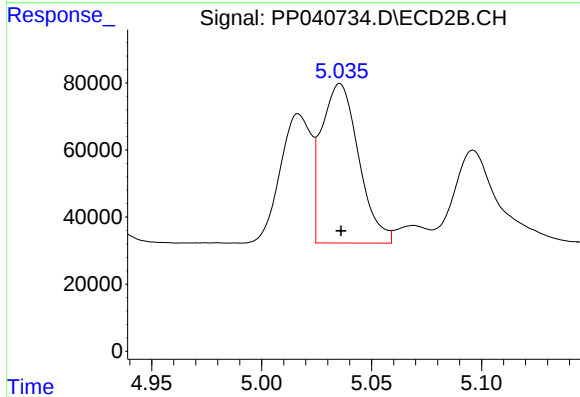
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376819
Conc: 698.89 ng/ml



#17 AR-1242-2

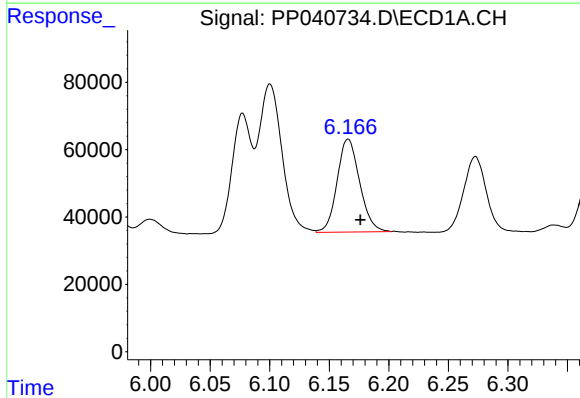
R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 598124
Conc: 739.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



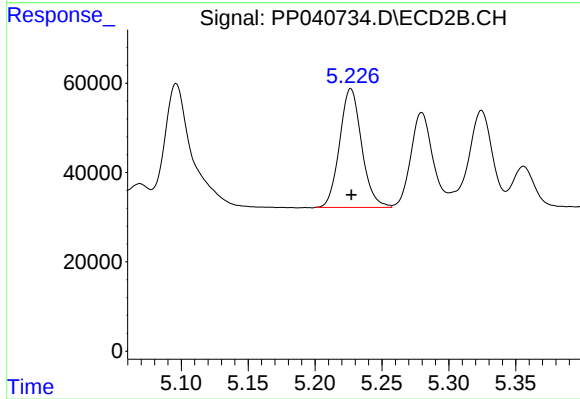
#17 AR-1242-2

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 559507
Conc: 705.29 ng/ml



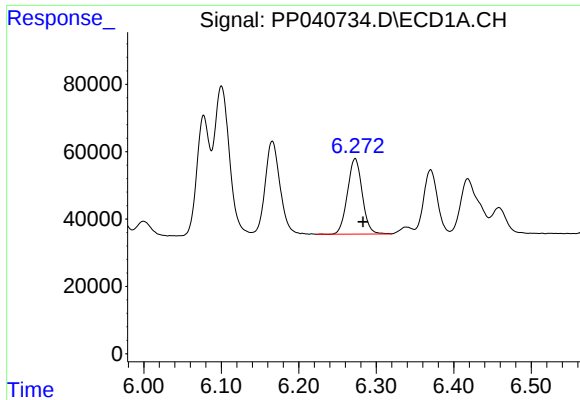
#18 AR-1242-3

R.T.: 6.166 min
Delta R.T.: -0.010 min
Response: 363555
Conc: 733.19 ng/ml



#18 AR-1242-3

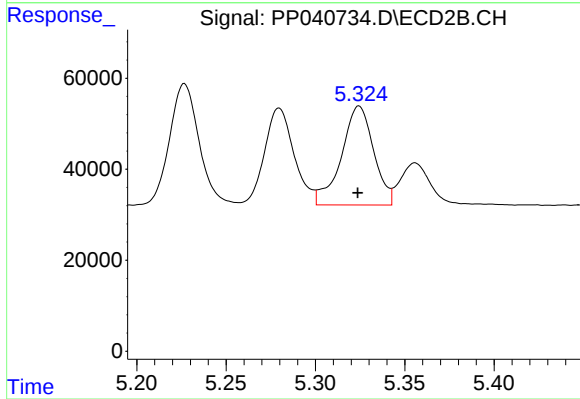
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 305508
Conc: 700.53 ng/ml



#19 AR-1242-4

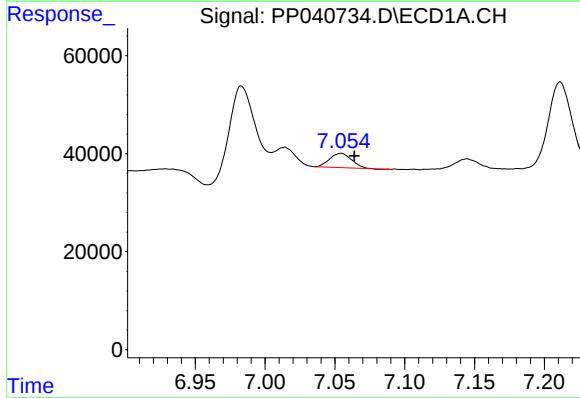
R.T.: 6.273 min
Delta R.T.: -0.010 min
Response: 297028
Conc: 726.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



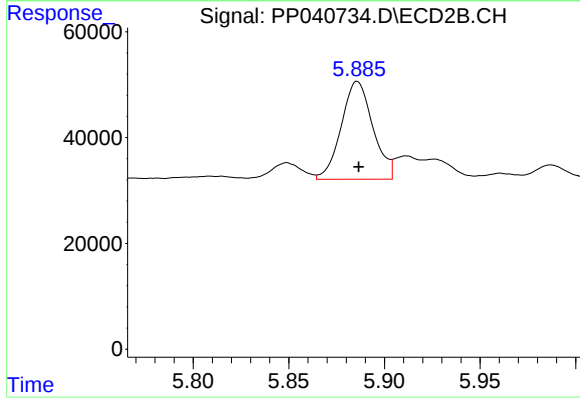
#19 AR-1242-4

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 274059
Conc: 662.74 ng/ml



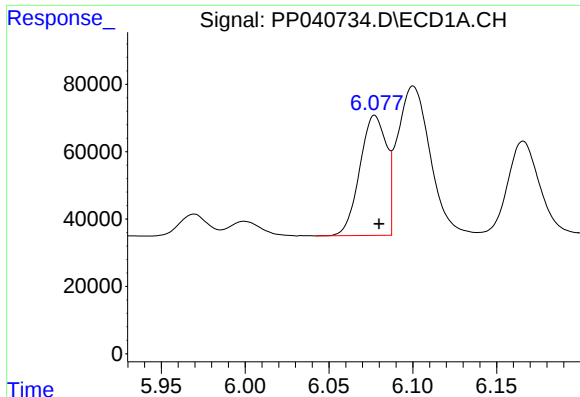
#20 AR-1242-5

R.T.: 7.054 min
Delta R.T.: -0.010 min
Response: 31800
Conc: 69.53 ng/ml



#20 AR-1242-5

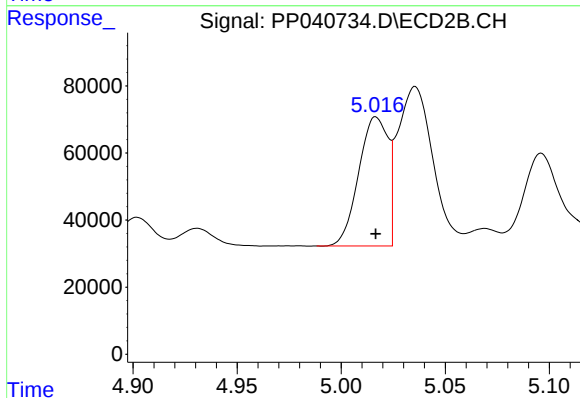
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 213173
Conc: 462.83 ng/ml



#21 AR-1248-1

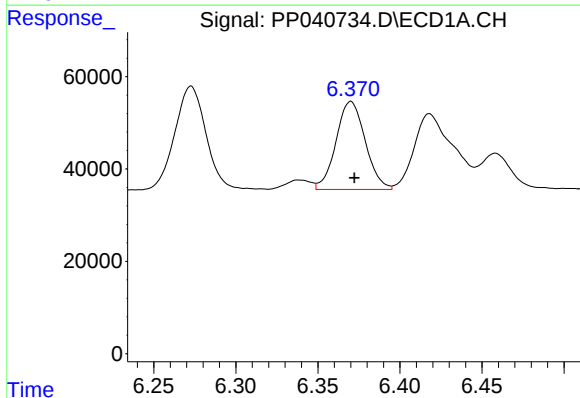
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 394522
Conc: 1004.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



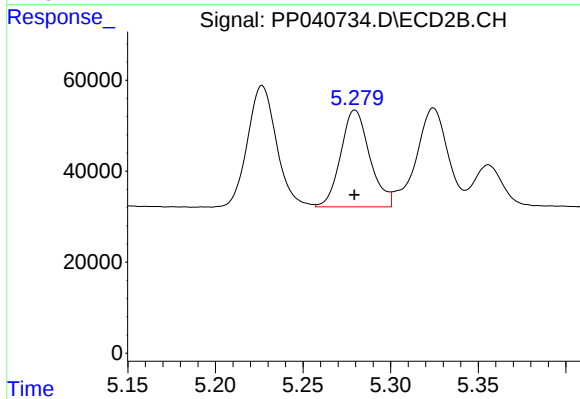
#21 AR-1248-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 376819
Conc: 947.25 ng/ml



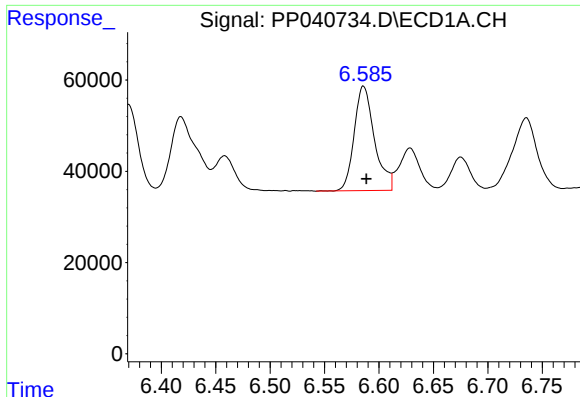
#22 AR-1248-2

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 236549
Conc: 418.34 ng/ml



#22 AR-1248-2

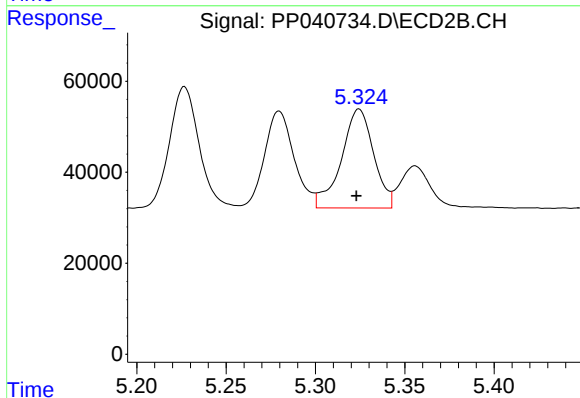
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 245640
Conc: 423.44 ng/ml



#23 AR-1248-3

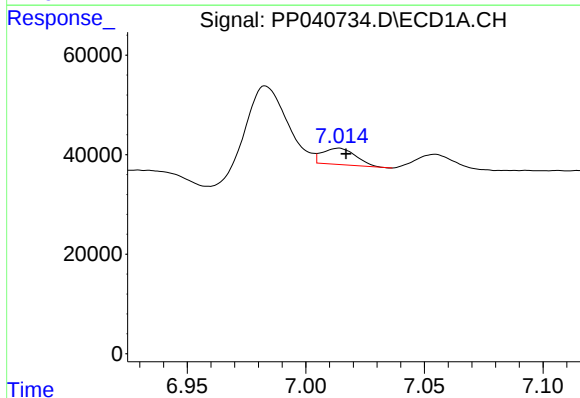
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 297019
Conc: 423.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



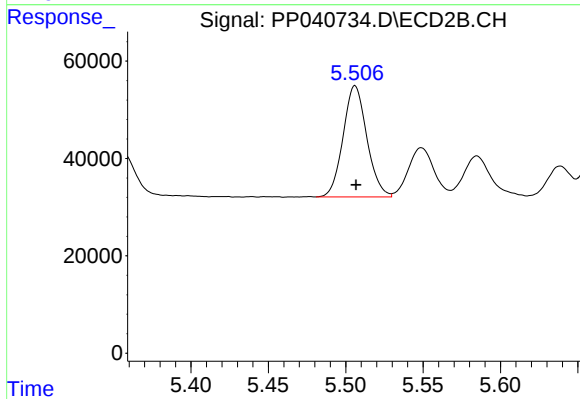
#23 AR-1248-3

R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 274059
Conc: 454.37 ng/ml



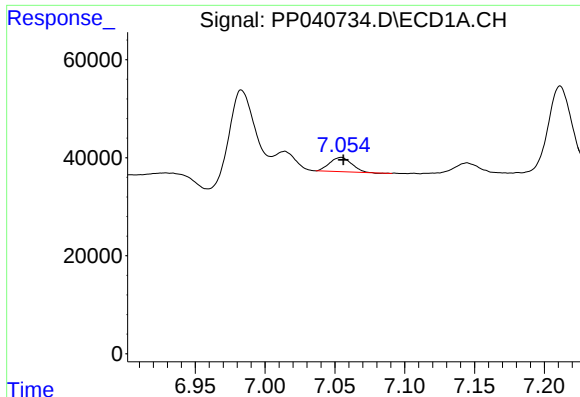
#24 AR-1248-4

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 32105
Conc: 40.64 ng/ml



#24 AR-1248-4

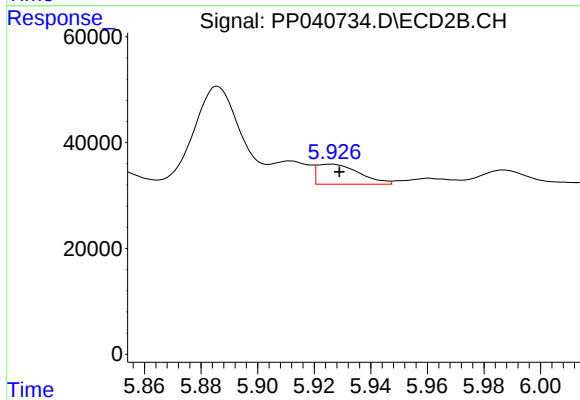
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 244477
Conc: 355.59 ng/ml



#25 AR-1248-5

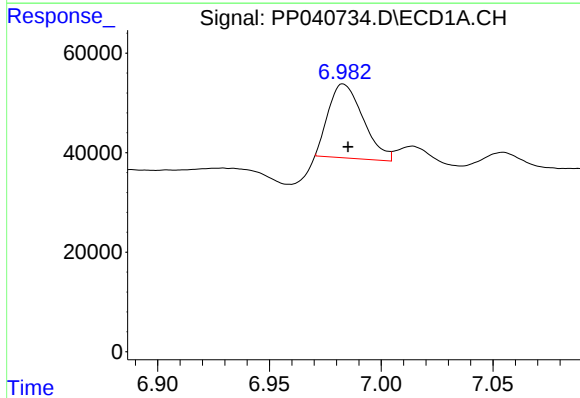
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 31800
Conc: 40.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



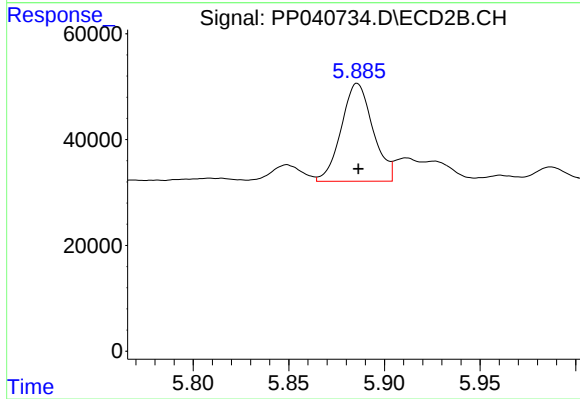
#25 AR-1248-5

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 39258
Conc: 62.16 ng/ml



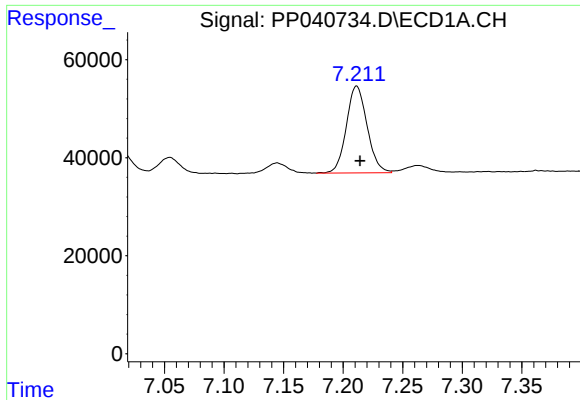
#26 AR-1254-1

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 160365
Conc: 207.72 ng/ml



#26 AR-1254-1

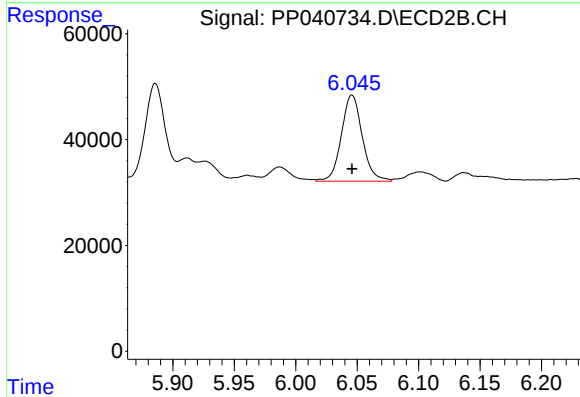
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 213173
Conc: 219.15 ng/ml



#27 AR-1254-2

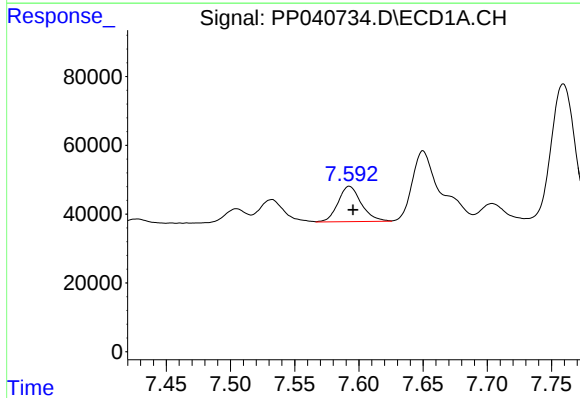
R.T.: 7.211 min
Delta R.T.: -0.003 min
Response: 214344
Conc: 172.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



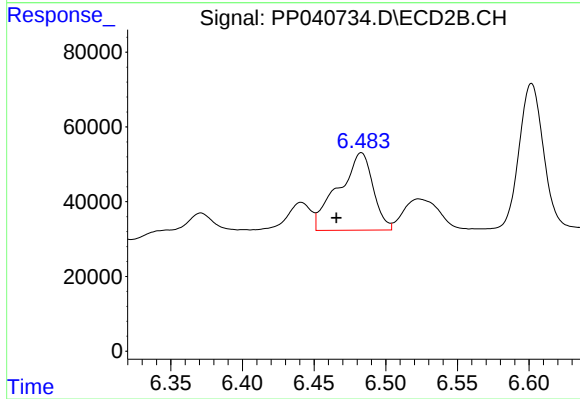
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 193299
Conc: 230.32 ng/ml



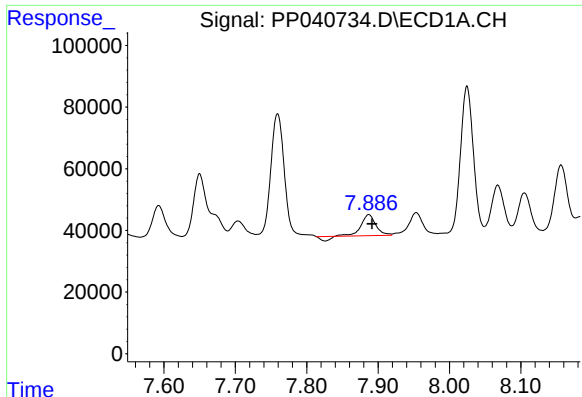
#28 AR-1254-3

R.T.: 7.593 min
Delta R.T.: -0.003 min
Response: 129376
Conc: 96.10 ng/ml



#28 AR-1254-3

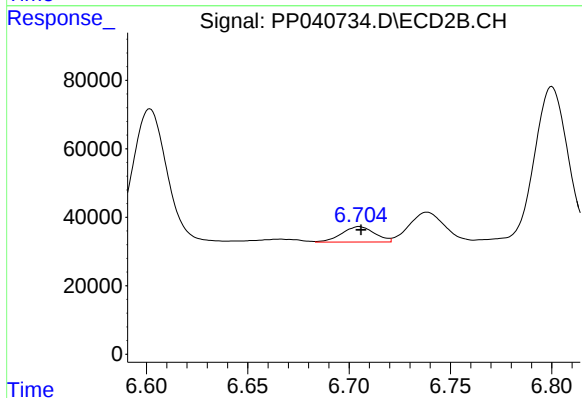
R.T.: 6.483 min
Delta R.T.: 0.017 min
Response: 348462
Conc: 275.92 ng/ml



#29 AR-1254-4

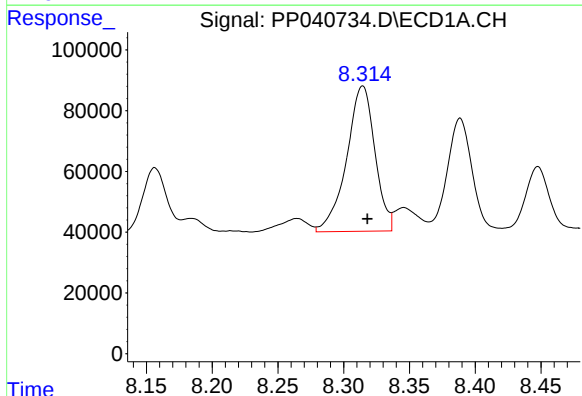
R.T.: 7.887 min
Delta R.T.: -0.005 min
Response: 90258
Conc: 92.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



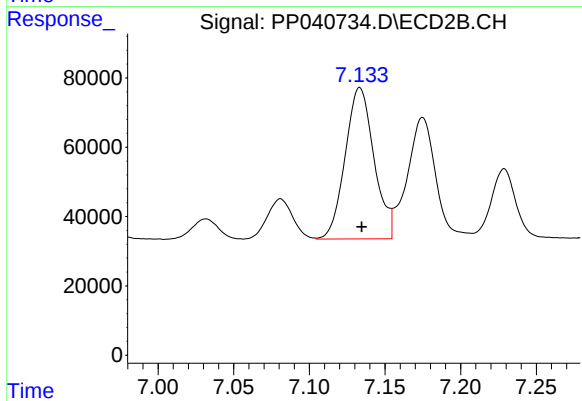
#29 AR-1254-4

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 50829
Conc: 68.31 ng/ml



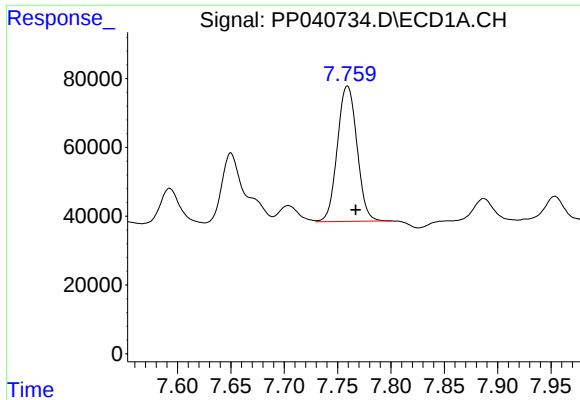
#30 AR-1254-5

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 716666
Conc: 660.56 ng/ml



#30 AR-1254-5

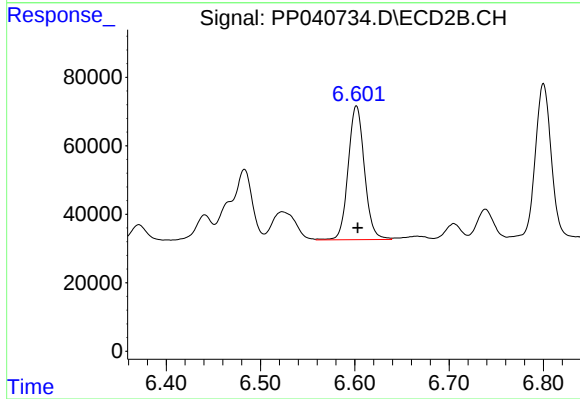
R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 579298
Conc: 539.45 ng/ml



#31 AR-1260-1

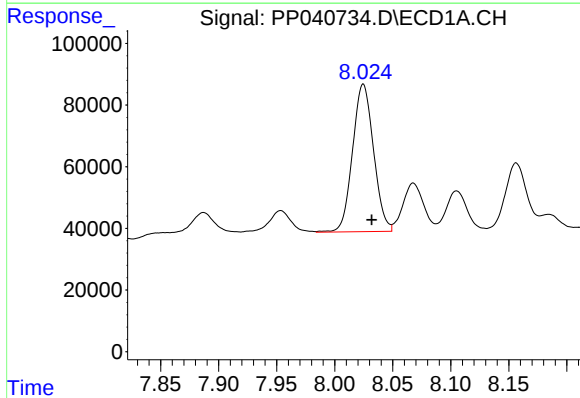
R.T.: 7.759 min
Delta R.T.: -0.008 min
Response: 504372
Conc: 519.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



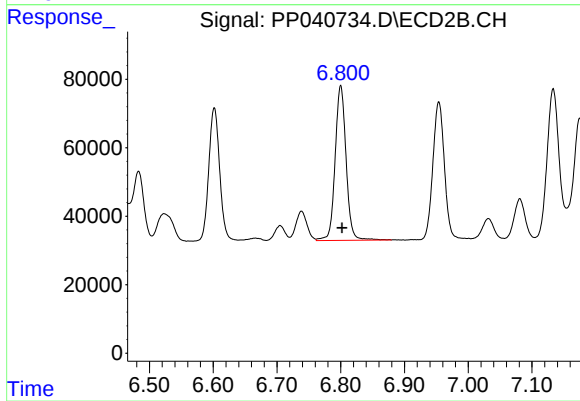
#31 AR-1260-1

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 468780
Conc: 540.25 ng/ml



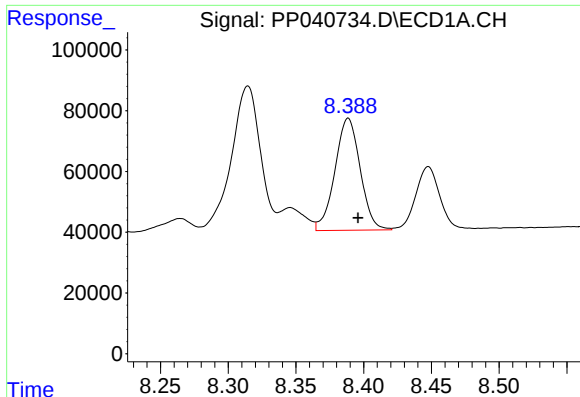
#32 AR-1260-2

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 602735
Conc: 520.62 ng/ml



#32 AR-1260-2

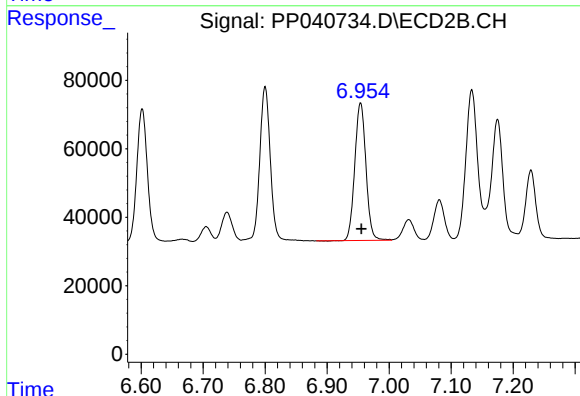
R.T.: 6.800 min
Delta R.T.: -0.002 min
Response: 540527
Conc: 537.18 ng/ml



#33 AR-1260-3

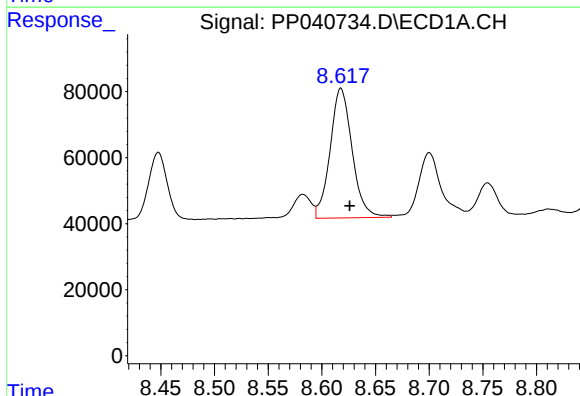
R.T.: 8.389 min
Delta R.T.: -0.007 min
Response: 478852
Conc: 542.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



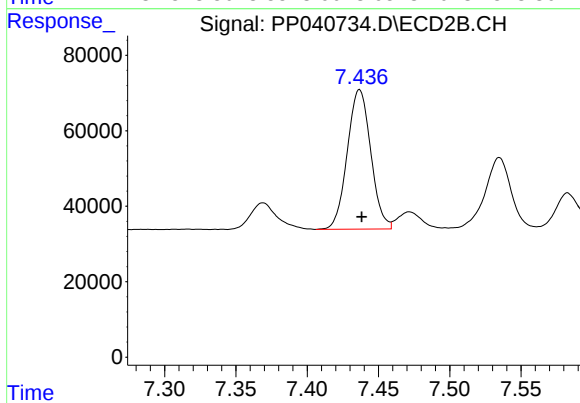
#33 AR-1260-3

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 503218
Conc: 533.13 ng/ml



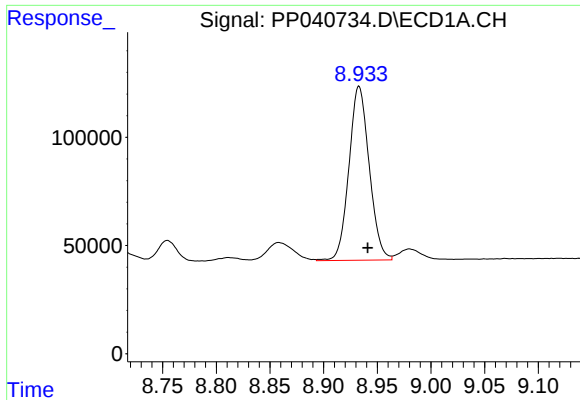
#34 AR-1260-4

R.T.: 8.618 min
Delta R.T.: -0.008 min
Response: 561158
Conc: 531.10 ng/ml



#34 AR-1260-4

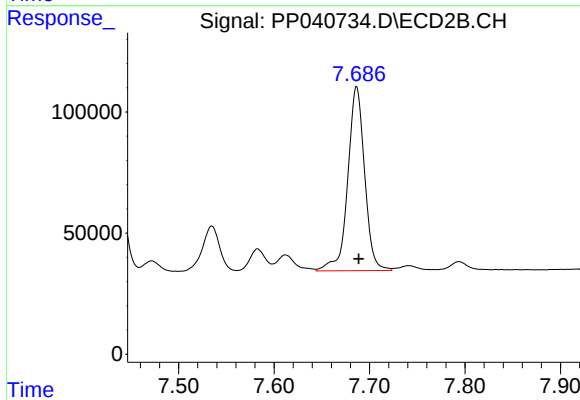
R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 424854
Conc: 541.12 ng/ml



#35 AR-1260-5

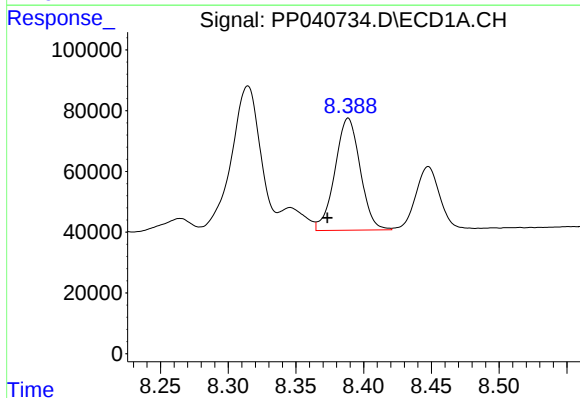
R.T.: 8.933 min
Delta R.T.: -0.008 min
Response: 1057852
Conc: 506.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



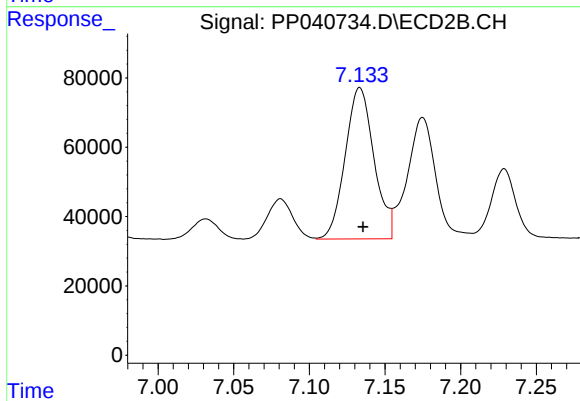
#35 AR-1260-5

R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 928993
Conc: 522.92 ng/ml



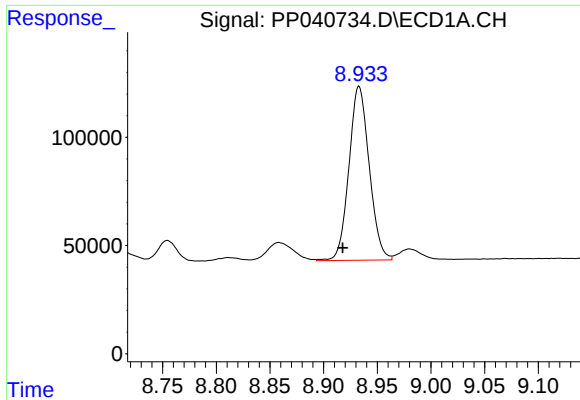
#36 AR-1262-1

R.T.: 8.389 min
Delta R.T.: 0.015 min
Response: 478852
Conc: 382.16 ng/ml



#36 AR-1262-1

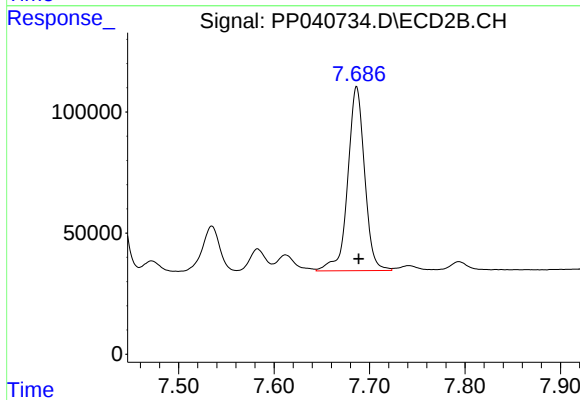
R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 579298
Conc: 1005.25 ng/ml



#37 AR-1262-2

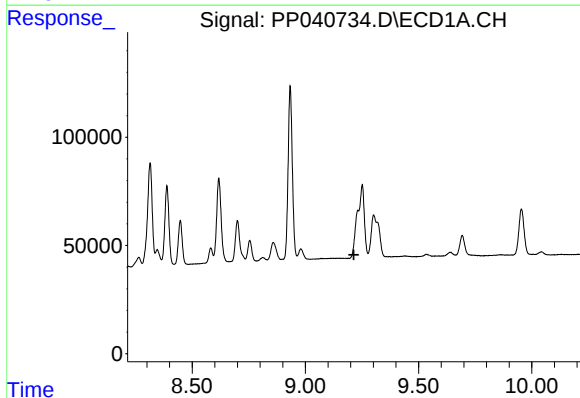
R.T.: 8.933 min
Delta R.T.: 0.015 min
Response: 1057852
Conc: 465.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



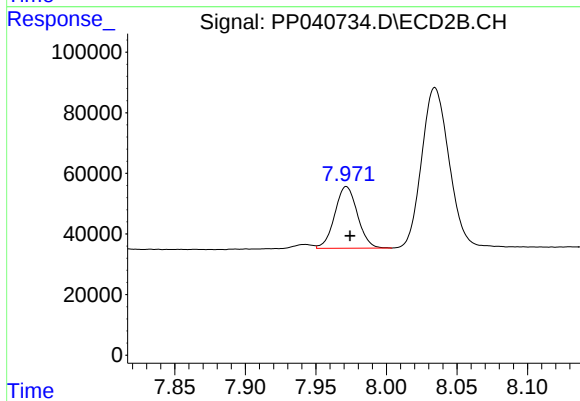
#37 AR-1262-2

R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 928993
Conc: 521.73 ng/ml



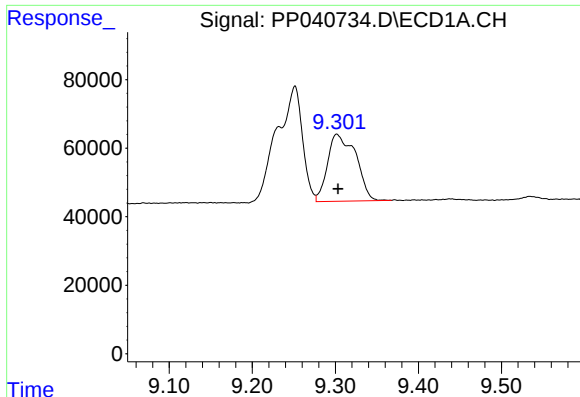
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

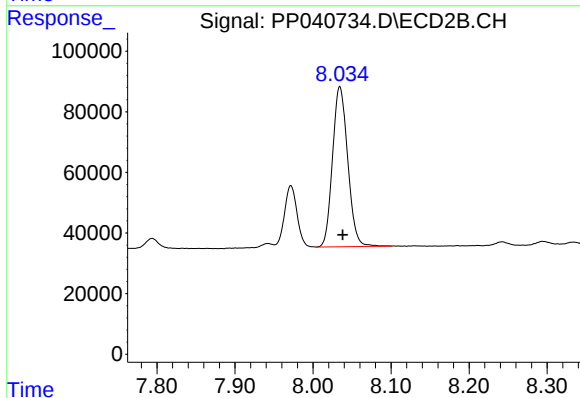
R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 227623
Conc: 293.57 ng/ml



#39 AR-1262-4

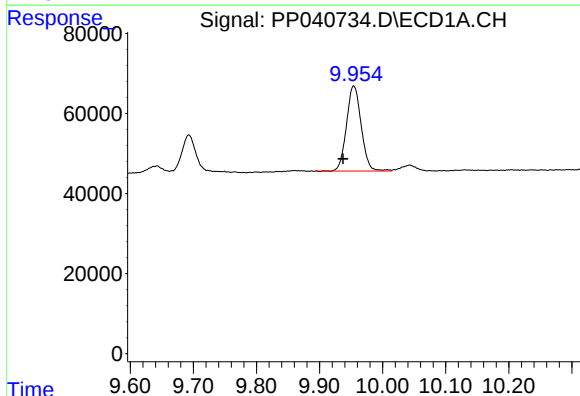
R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 461892
Conc: 787.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



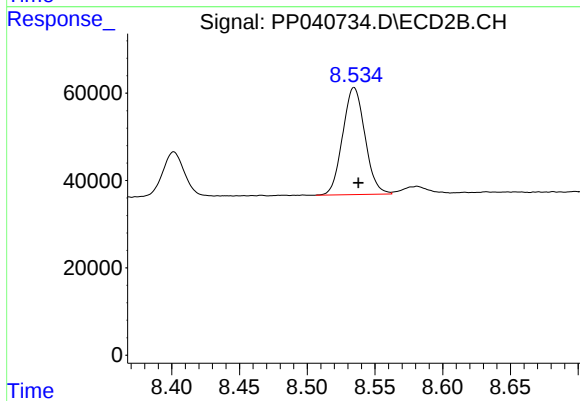
#39 AR-1262-4

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 715462
Conc: 510.49 ng/ml



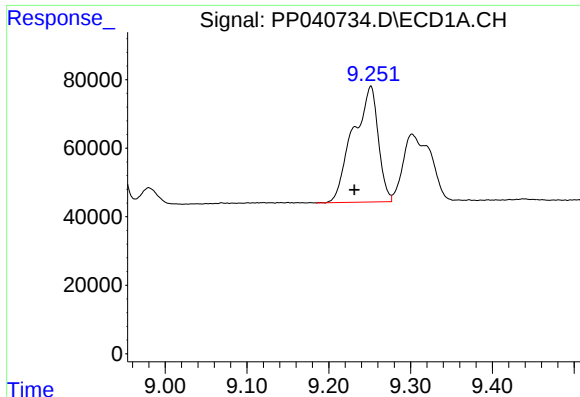
#40 AR-1262-5

R.T.: 9.954 min
Delta R.T.: 0.017 min
Response: 343063
Conc: 376.75 ng/ml



#40 AR-1262-5

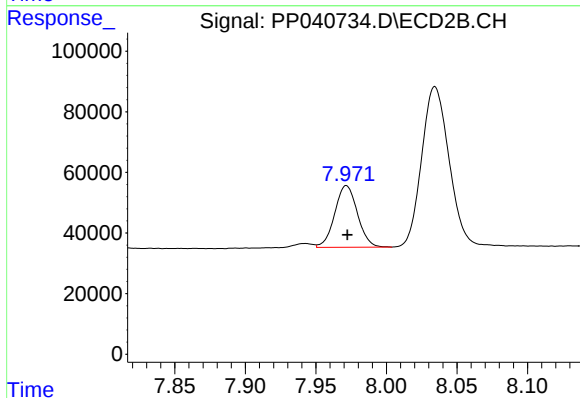
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 280874
Conc: 404.47 ng/ml



#41 AR-1268-1

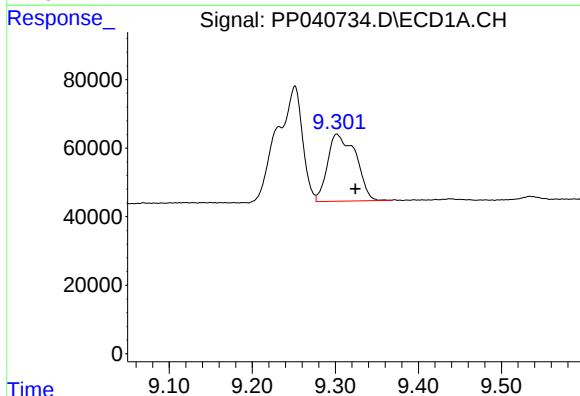
R.T.: 9.251 min
Delta R.T.: 0.020 min
Response: 722346
Conc: 264.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



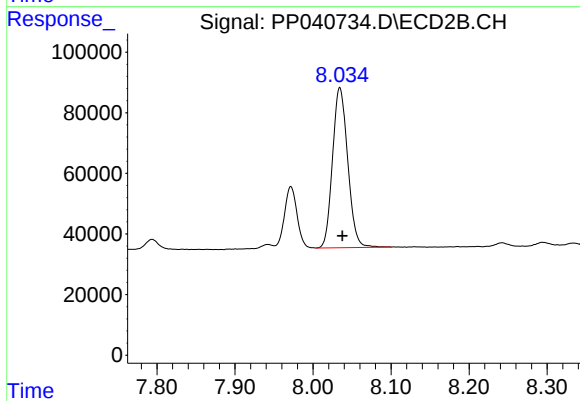
#41 AR-1268-1

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 227623
Conc: 106.16 ng/ml



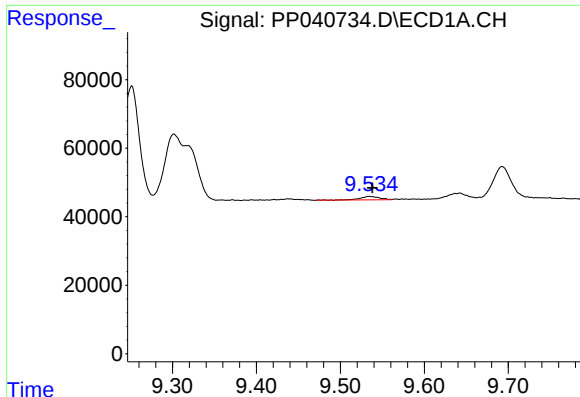
#42 AR-1268-2

R.T.: 9.302 min
Delta R.T.: -0.023 min
Response: 461892
Conc: 176.43 ng/ml



#42 AR-1268-2

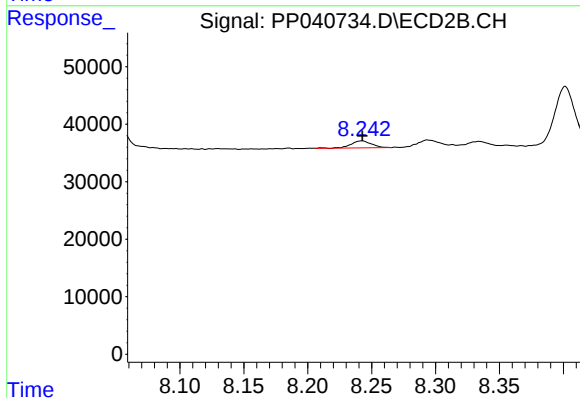
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 715462
Conc: 358.94 ng/ml



#43 AR-1268-3

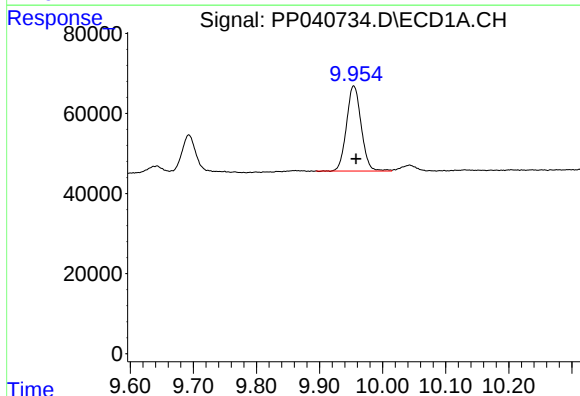
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 14981
Conc: 6.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



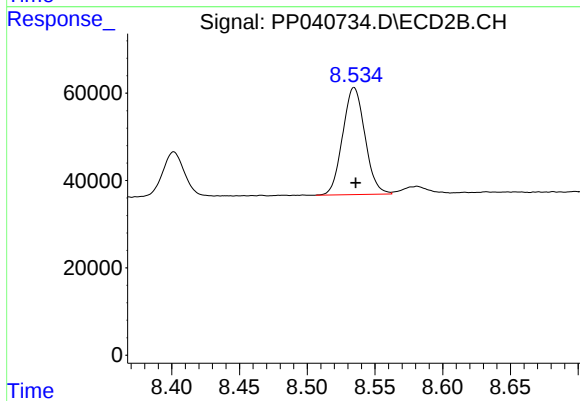
#43 AR-1268-3

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 13624
Conc: 7.80 ng/ml



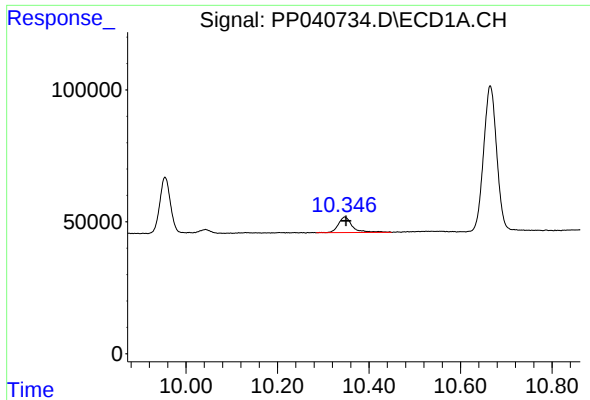
#44 AR-1268-4

R.T.: 9.954 min
Delta R.T.: -0.004 min
Response: 343063
Conc: 337.63 ng/ml



#44 AR-1268-4

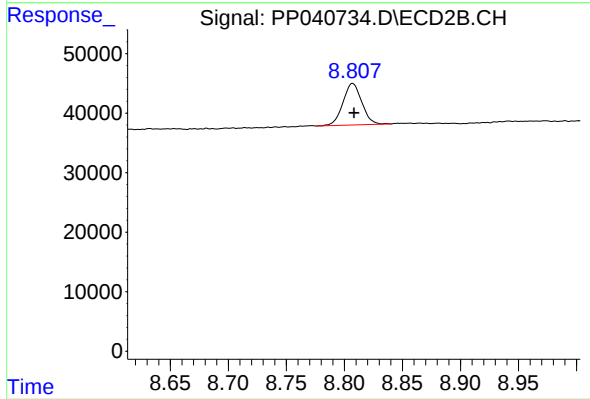
R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 280874
Conc: 365.95 ng/ml



#45 AR-1268-5

R.T.: 10.347 min
Delta R.T.: -0.003 min
Response: 123624
Conc: 16.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.807 min
Delta R.T.: -0.001 min
Response: 79118
Conc: 14.66 ng/ml