

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072919\
 Data File : P0058515.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Jul 2019 19:51
 Operator : SM/AJ
 Sample : K4032-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S14-06-SMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:45:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.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...	4.177	3.523	850726	782451	20.158	19.586
2)	SA Decachlor...	9.664	8.413	995108	735711	18.375	18.638
Target Compounds							
3)	L1 AR-1016-1	5.332	4.582	387160	291673	206.601	200.053
4)	L1 AR-1016-2	5.353	4.599	555311	422124	201.819	196.648
5)	L1 AR-1016-3	5.413	4.772	332164	223371	195.628	196.676
6)	L1 AR-1016-4	5.512	4.813	282314	185286	201.768	196.423
7)	L1 AR-1016-5	5.800	5.022	220327	239421	153.813	194.425 #
8)	L2 AR-1221-1	0.000	3.730	0	26187	N.D.	65.006 #
9)	L2 AR-1221-2	0.000	3.815	0	39212	N.D.	131.379 #
10)	L2 AR-1221-3	4.550	3.888	172106	137320	156.947	143.549
11)	L3 AR-1232-1	4.550	3.888	172106	137320	190.634	174.805
12)	L3 AR-1232-2	5.068	4.599	240071	422124	488.051	499.272
13)	L3 AR-1232-3	5.353	4.772	555311	223371	518.625	507.912
14)	L3 AR-1232-4	5.512	4.853	282314	222314	529.561	562.435
15)	L3 AR-1232-5	5.599	5.022	238724	239421	585.019	543.831
16)	L4 AR-1242-1	5.332	4.582	387160	291673	302.338	287.315
17)	L4 AR-1242-2	5.353	4.599	555311	422124	293.556	279.616
18)	L4 AR-1242-3	5.413	4.772	332164	223371	283.163	274.282
19)	L4 AR-1242-4	5.512	4.853	282314	222314	293.774	274.792
20)	L4 AR-1242-5	6.170	5.366	187928	196636	159.997	183.312
21)	L5 AR-1248-1	5.332	4.582	387160	291673	382.946	364.753
22)	L5 AR-1248-2	5.599	4.813	238724	185286	165.140	167.226
23)	L5 AR-1248-3	5.800	4.853	220327	222314	134.132	195.328 #
24)	L5 AR-1248-4	6.170	5.022	187928	239421	92.792	171.384 #
25)	L5 AR-1248-5	6.170	5.407	187928	26825	97.354	19.364 #
26)	L6 AR-1254-1	6.170	5.366	187928	196636	79.587	75.906
27)	L6 AR-1254-2	6.387	5.511	432445	194979	112.208	85.165
28)	L6 AR-1254-3	6.761	5.924	338382	530064	83.559	144.064 #
29)	L6 AR-1254-4	7.070	6.136	312551	44771	86.804	19.254 #
30)	L6 AR-1254-5	7.446	6.546	962319	1329011	265.485	385.270 #
31)	L7 AR-1260-1	6.907	6.035	634340	502928	220.323	211.310
32)	L7 AR-1260-2	7.164	6.223	1787670	629972	429.723	207.959 #
33)	L7 AR-1260-3	7.517	6.372	654216	578878	175.677	214.412
34)	L7 AR-1260-4	7.741	6.837	613484	409033	180.025	181.026
35)	L7 AR-1260-5	8.046	7.080	1179264	936661	160.340	173.928
36)	L8 AR-1262-1	7.517	6.579	654216	524448	129.797	146.833
37)	L8 AR-1262-2	8.046	7.080	1179264	936661	148.165	165.898
38)	L8 AR-1262-3	8.349	7.356	716316	193889	140.912	78.559 #
39)	L8 AR-1262-4	8.395	7.420	443135	645606	116.935	152.044 #
40)	L8 AR-1262-5	9.010	7.912	240438	191515	104.650	112.630
41)	L9 AR-1268-1	8.349	7.356	716316	193889	64.131	23.805 #
42)	L9 AR-1268-2	8.395	7.420	443135	645606	47.177	85.205 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072919\
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 Acq On : 27 Jul 2019 19:51
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 Sample : K4032-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

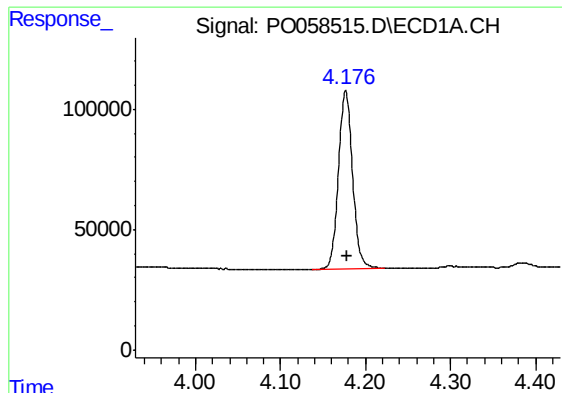
Instrument :
 ECD_O
 ClientSampleId :
 S14-06-SMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:45:46 2019
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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	0.000	7.628	0	45168	N.D.	7.066 #
44) L9	AR-1268-4	9.010	7.912	240438	191515	80.433	82.525
45) L9	AR-1268-5	0.000	8.183	0	69530	N.D.	4.057 #

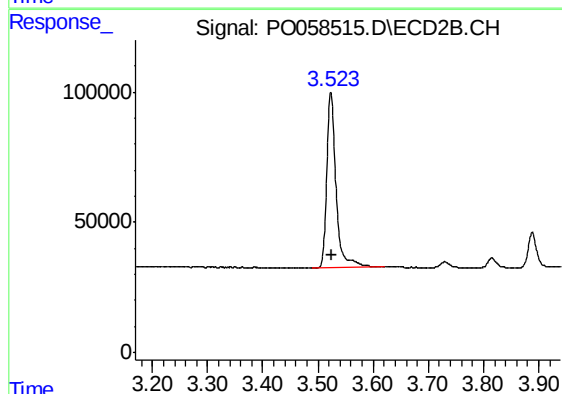
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

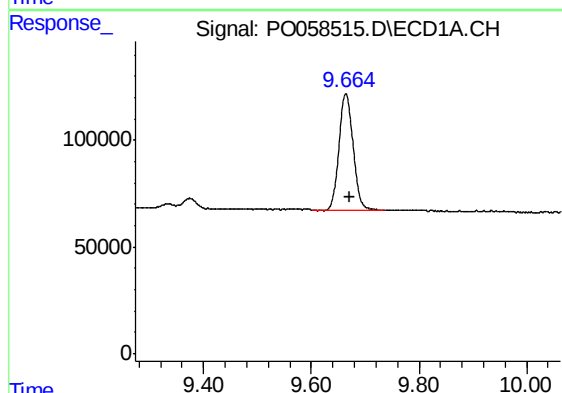
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 850726
Conc: 20.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



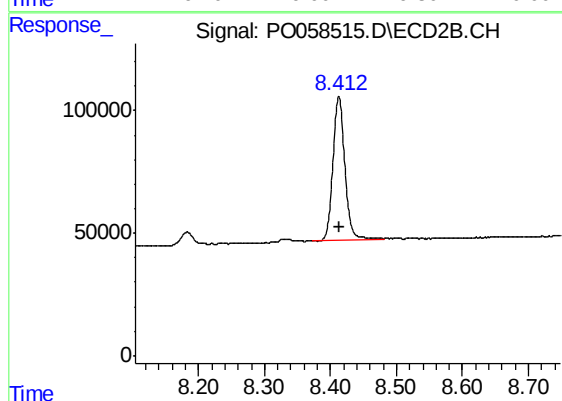
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 782451
Conc: 19.59 ng/ml



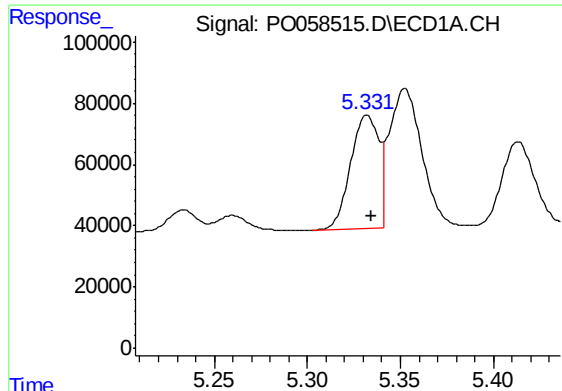
#2 Decachlorobiphenyl

R.T.: 9.664 min
Delta R.T.: -0.008 min
Response: 995108
Conc: 18.37 ng/ml



#2 Decachlorobiphenyl

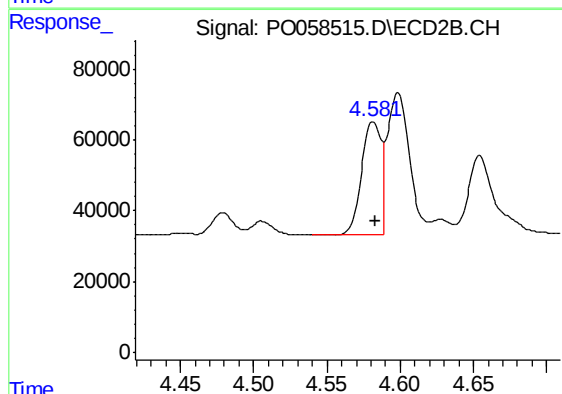
R.T.: 8.413 min
Delta R.T.: -0.001 min
Response: 735711
Conc: 18.64 ng/ml



#3 AR-1016-1

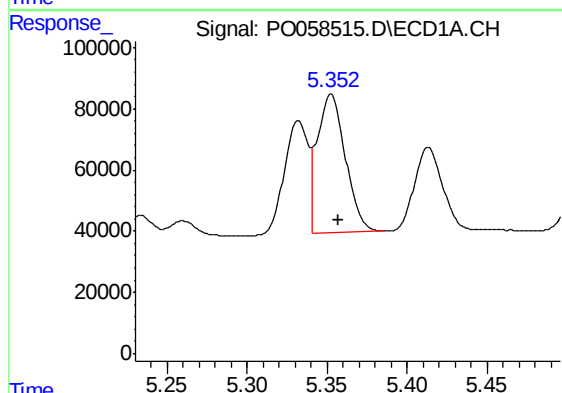
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 387160
Conc: 206.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



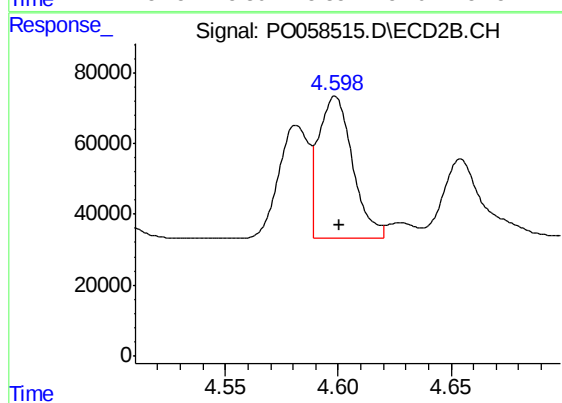
#3 AR-1016-1

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 291673
Conc: 200.05 ng/ml



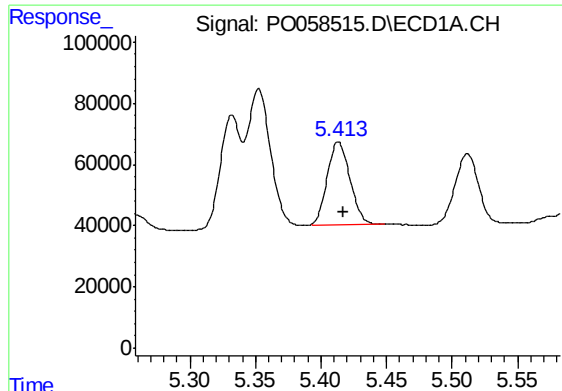
#4 AR-1016-2

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 555311
Conc: 201.82 ng/ml



#4 AR-1016-2

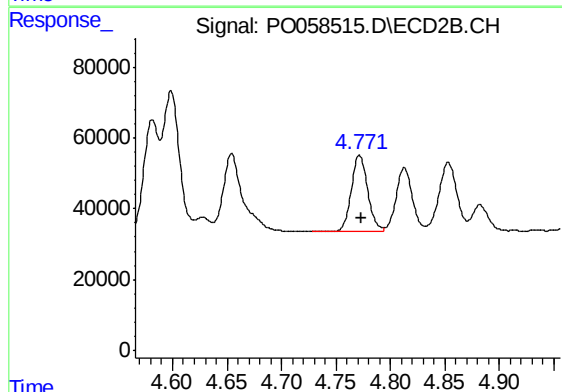
R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 422124
Conc: 196.65 ng/ml



#5 AR-1016-3

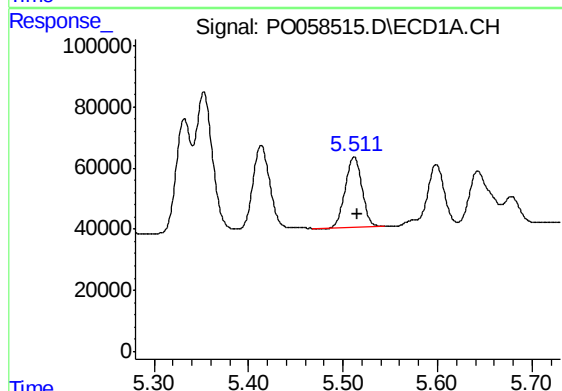
R.T.: 5.413 min
Delta R.T.: -0.004 min
Response: 332164
Conc: 195.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



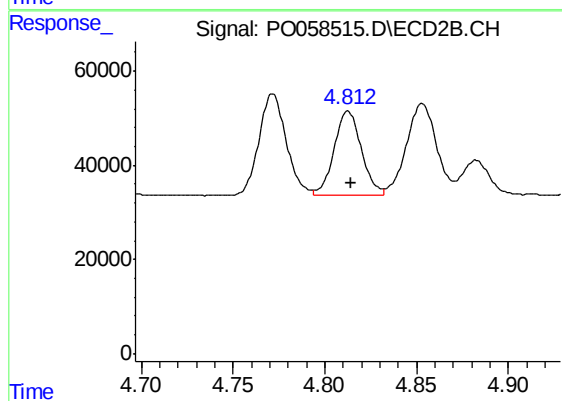
#5 AR-1016-3

R.T.: 4.772 min
Delta R.T.: -0.002 min
Response: 223371
Conc: 196.68 ng/ml



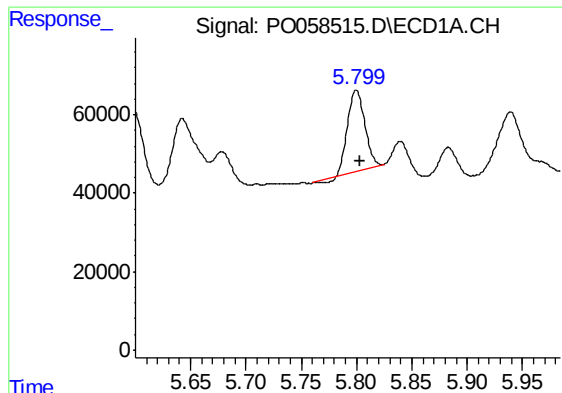
#6 AR-1016-4

R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 282314
Conc: 201.77 ng/ml



#6 AR-1016-4

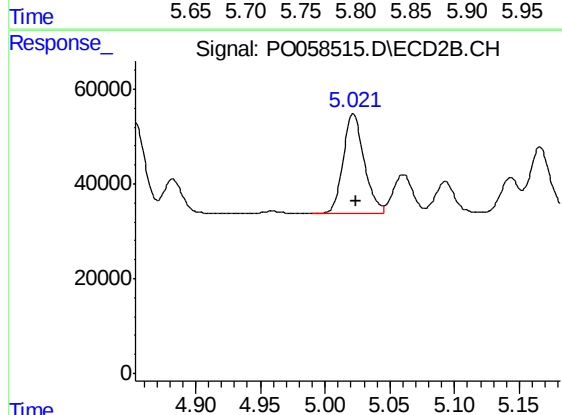
R.T.: 4.813 min
Delta R.T.: -0.002 min
Response: 185286
Conc: 196.42 ng/ml



#7 AR-1016-5

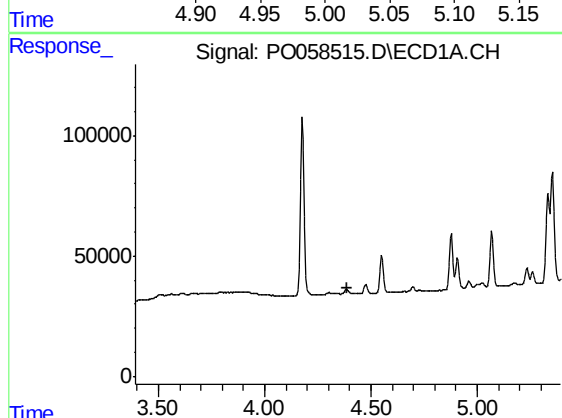
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 220327
Conc: 153.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



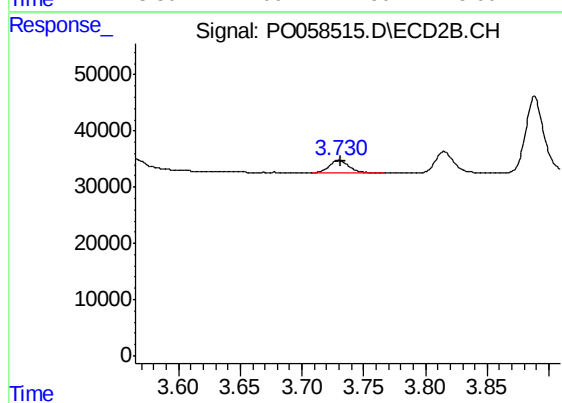
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 239421
Conc: 194.42 ng/ml



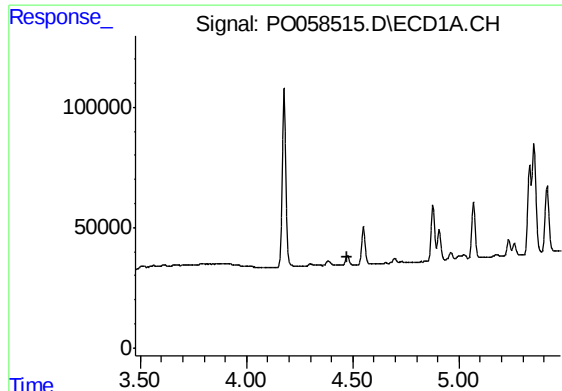
#8 AR-1221-1

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



#8 AR-1221-1

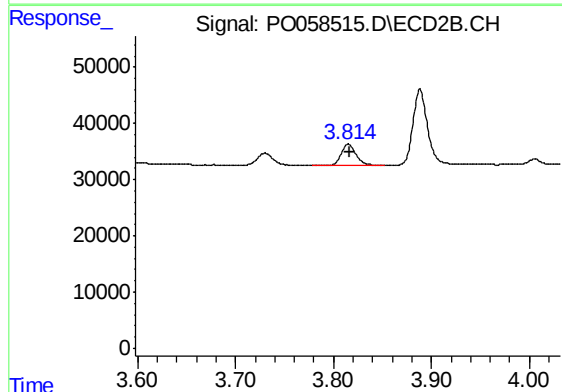
R.T.: 3.730 min
Delta R.T.: -0.001 min
Response: 26187
Conc: 65.01 ng/ml



#9 AR-1221-2

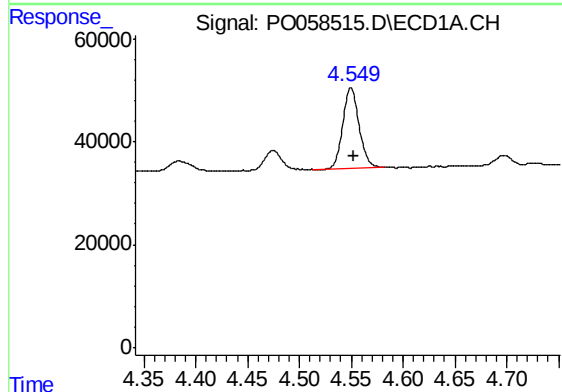
R.T.: 0.000 min
Exp R.T.: 4.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



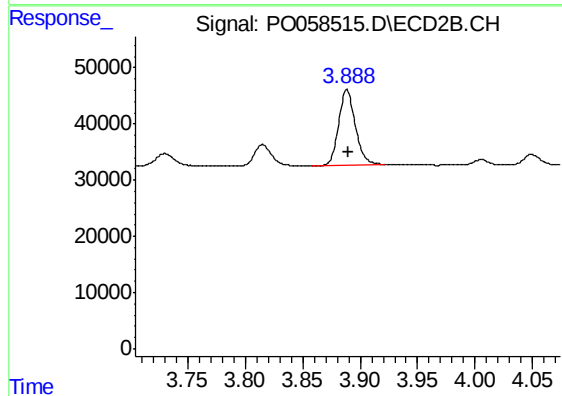
#9 AR-1221-2

R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 39212
Conc: 131.38 ng/ml



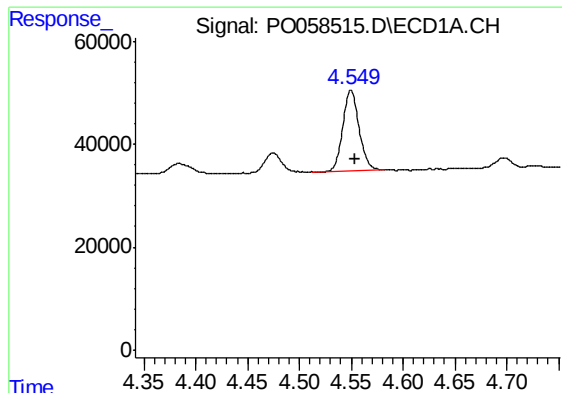
#10 AR-1221-3

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 172106
Conc: 156.95 ng/ml



#10 AR-1221-3

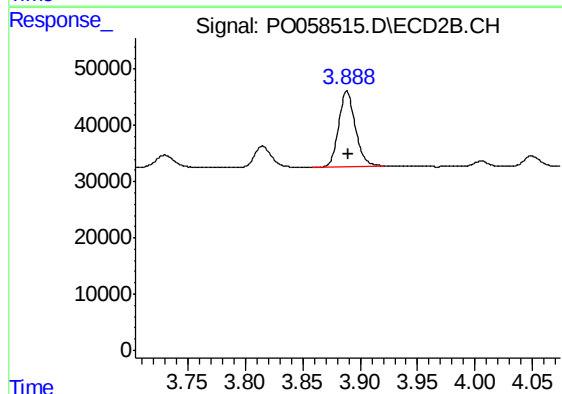
R.T.: 3.888 min
Delta R.T.: -0.001 min
Response: 137320
Conc: 143.55 ng/ml



#11 AR-1232-1

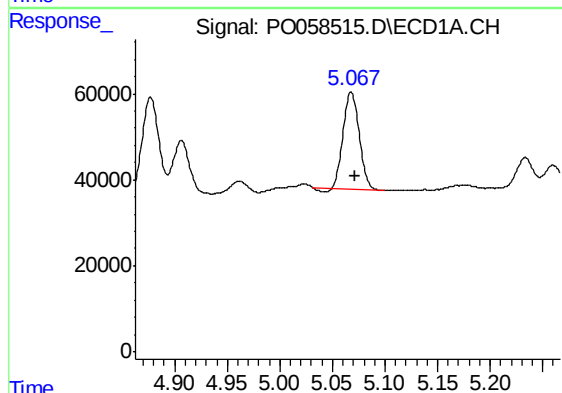
R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 172106
Conc: 190.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



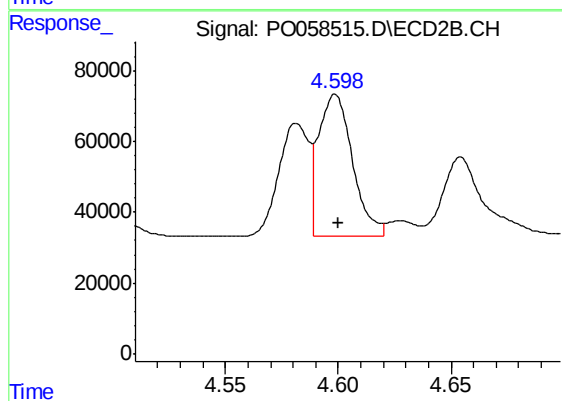
#11 AR-1232-1

R.T.: 3.888 min
Delta R.T.: -0.001 min
Response: 137320
Conc: 174.81 ng/ml



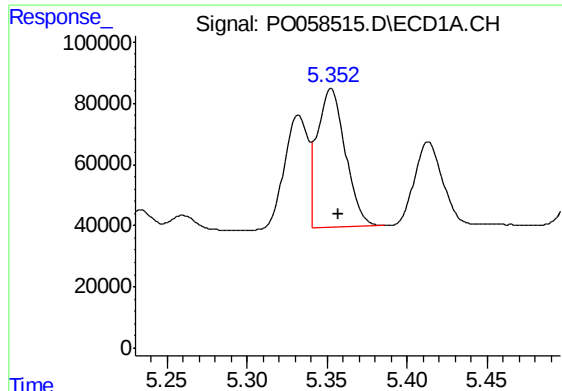
#12 AR-1232-2

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 240071
Conc: 488.05 ng/ml



#12 AR-1232-2

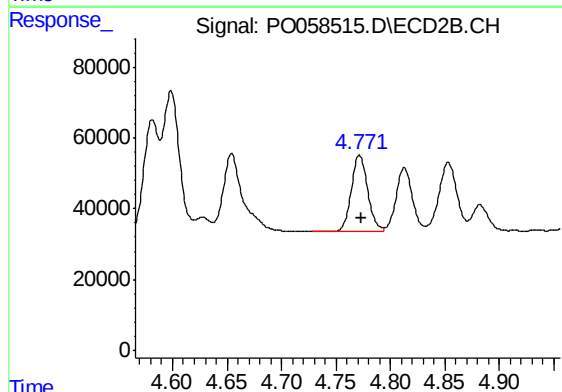
R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 422124
Conc: 499.27 ng/ml



#13 AR-1232-3

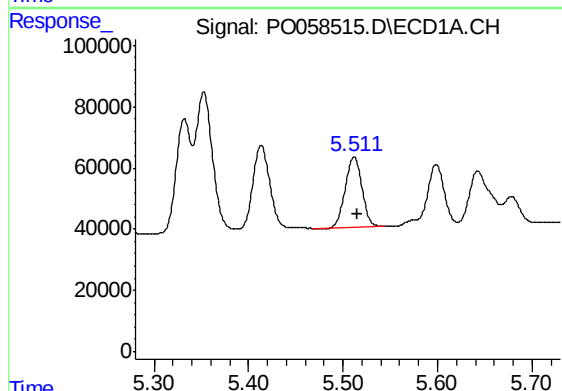
R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 555311
Conc: 518.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



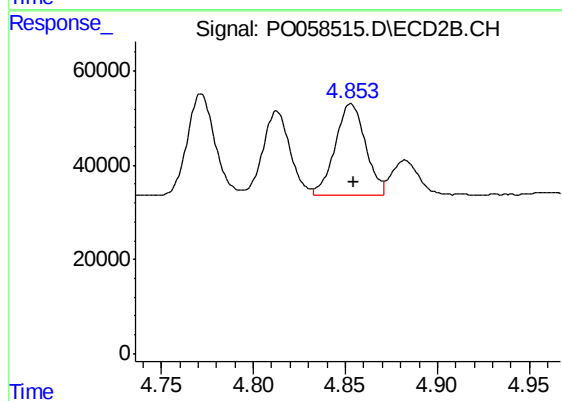
#13 AR-1232-3

R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 223371
Conc: 507.91 ng/ml



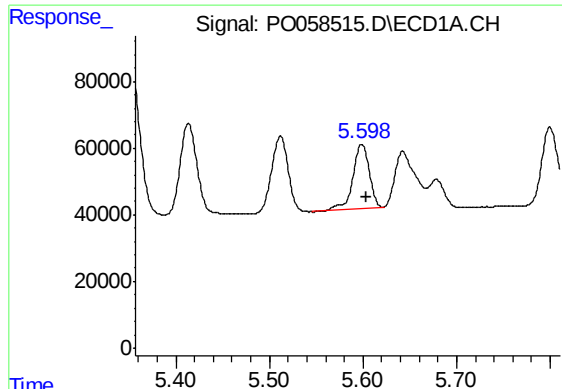
#14 AR-1232-4

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 282314
Conc: 529.56 ng/ml



#14 AR-1232-4

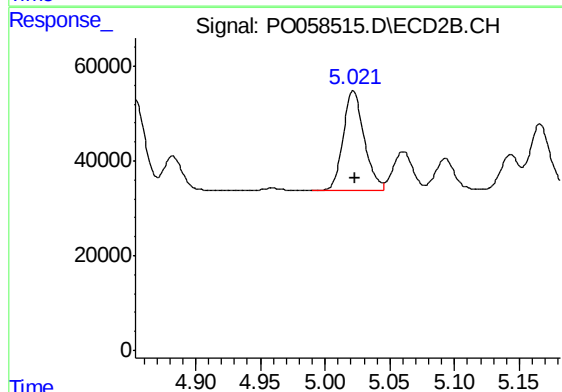
R.T.: 4.853 min
Delta R.T.: -0.001 min
Response: 222314
Conc: 562.43 ng/ml



#15 AR-1232-5

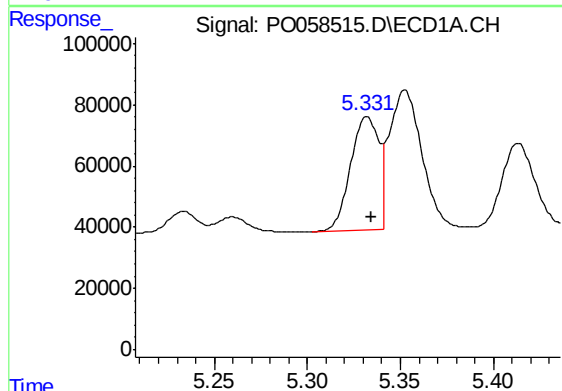
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 238724
Conc: 585.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



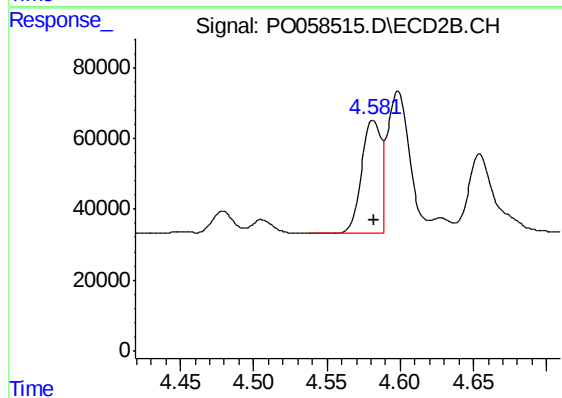
#15 AR-1232-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 239421
Conc: 543.83 ng/ml



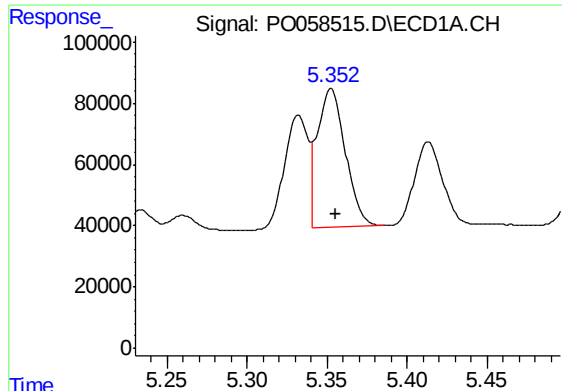
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 387160
Conc: 302.34 ng/ml



#16 AR-1242-1

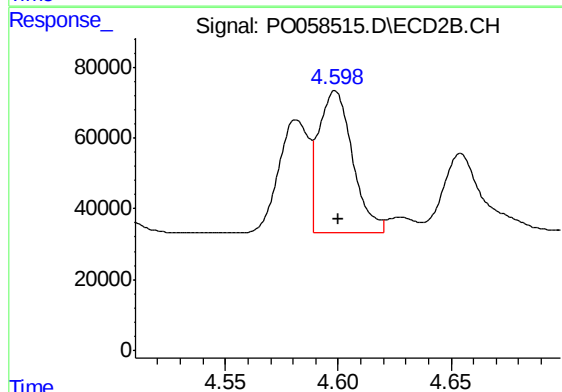
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 291673
Conc: 287.32 ng/ml



#17 AR-1242-2

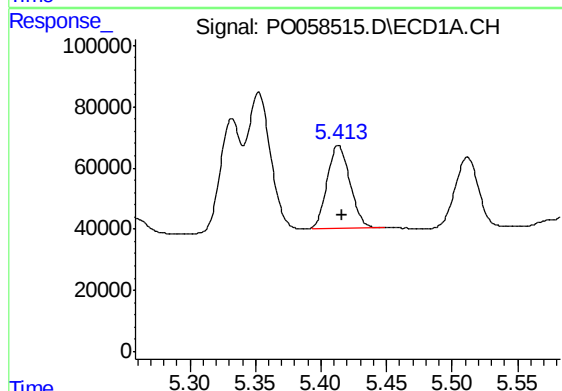
R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 555311
Conc: 293.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



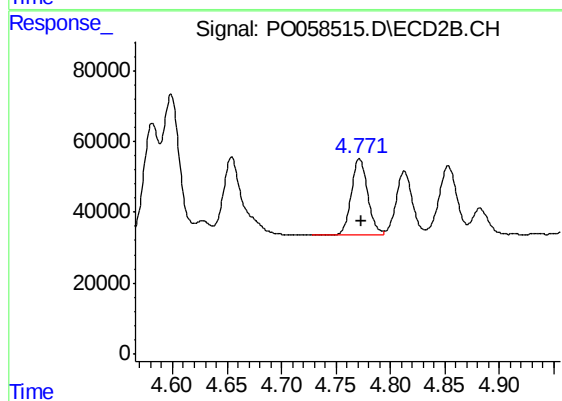
#17 AR-1242-2

R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 422124
Conc: 279.62 ng/ml



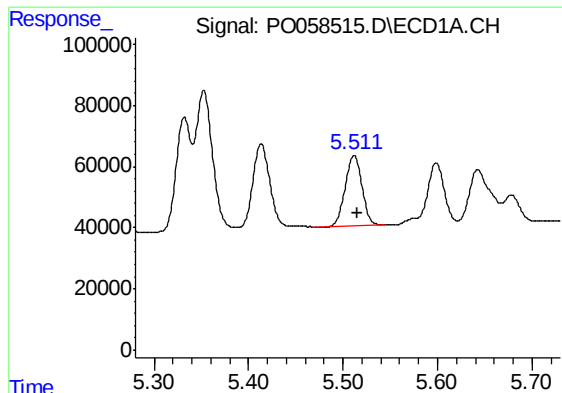
#18 AR-1242-3

R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 332164
Conc: 283.16 ng/ml



#18 AR-1242-3

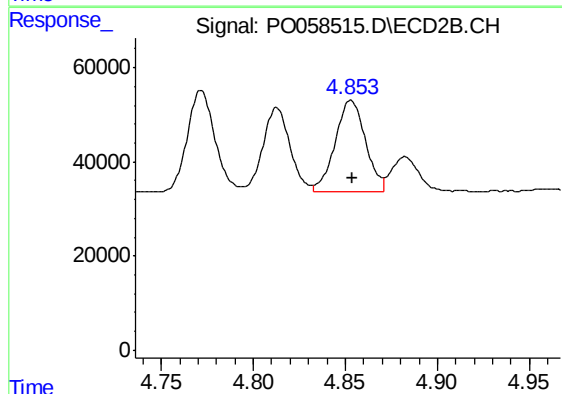
R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 223371
Conc: 274.28 ng/ml



#19 AR-1242-4

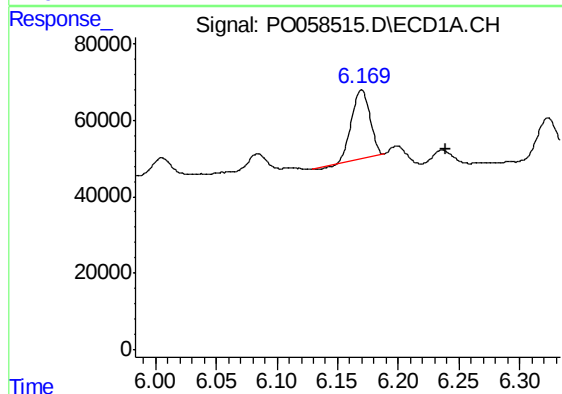
R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 282314
Conc: 293.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



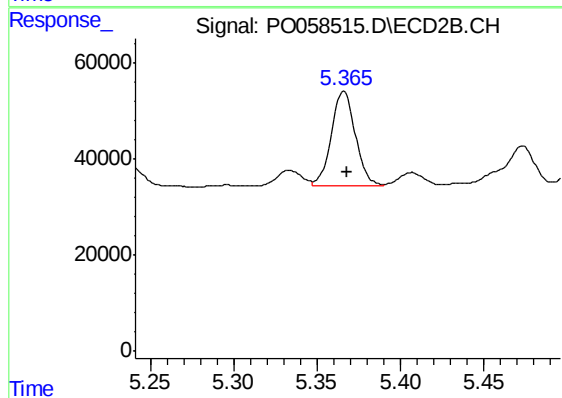
#19 AR-1242-4

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 222314
Conc: 274.79 ng/ml



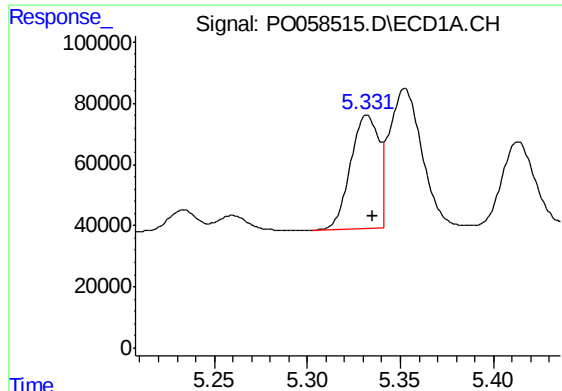
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: -0.070 min
Response: 187928
Conc: 160.00 ng/ml



#20 AR-1242-5

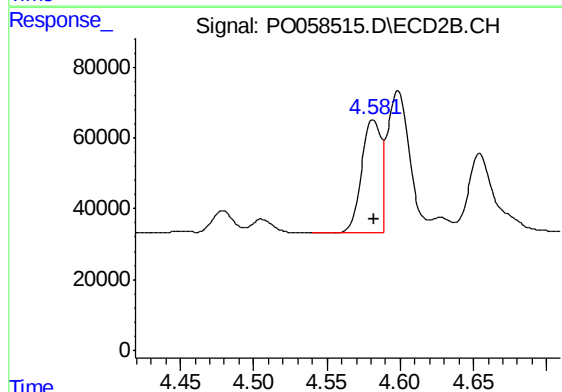
R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 196636
Conc: 183.31 ng/ml



#21 AR-1248-1

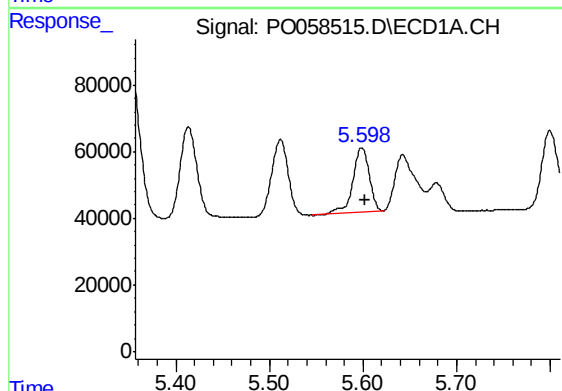
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 387160
Conc: 382.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



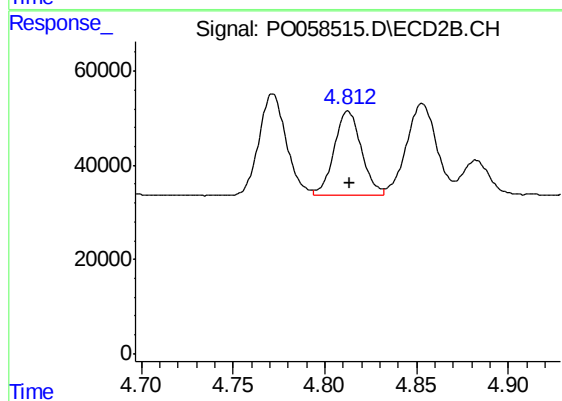
#21 AR-1248-1

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 291673
Conc: 364.75 ng/ml



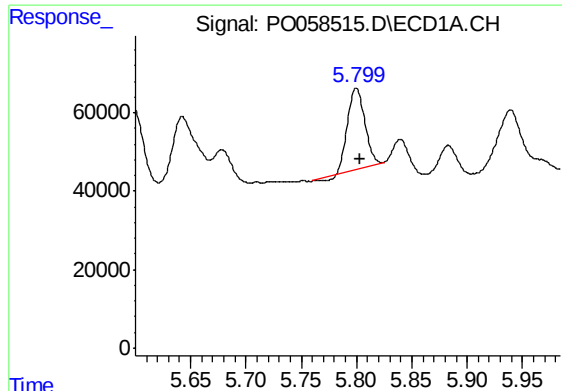
#22 AR-1248-2

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 238724
Conc: 165.14 ng/ml



#22 AR-1248-2

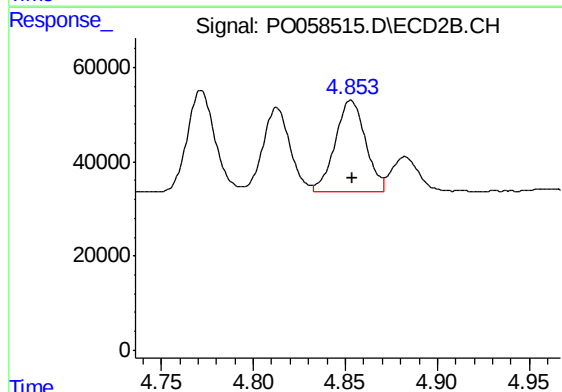
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 185286
Conc: 167.23 ng/ml



#23 AR-1248-3

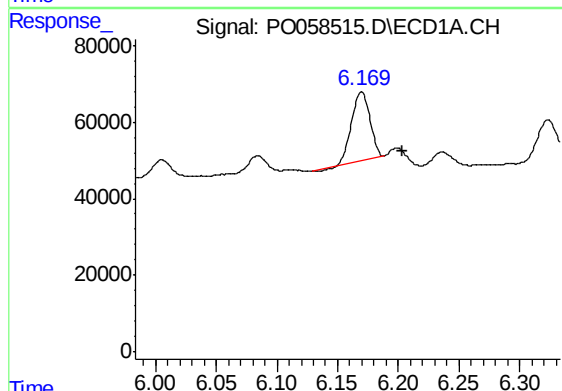
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 220327
Conc: 134.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



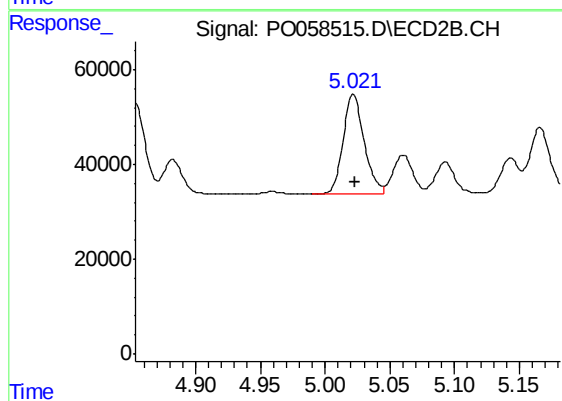
#23 AR-1248-3

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 222314
Conc: 195.33 ng/ml



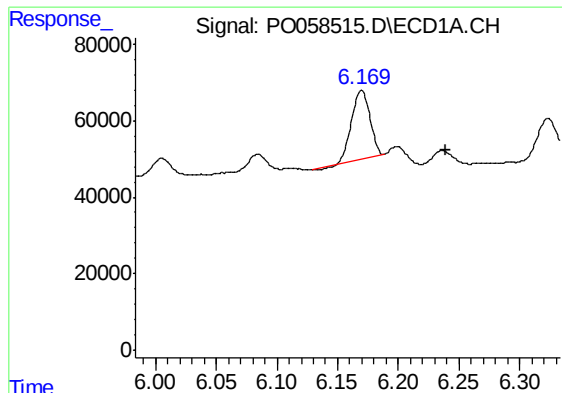
#24 AR-1248-4

R.T.: 6.170 min
Delta R.T.: -0.033 min
Response: 187928
Conc: 92.79 ng/ml



#24 AR-1248-4

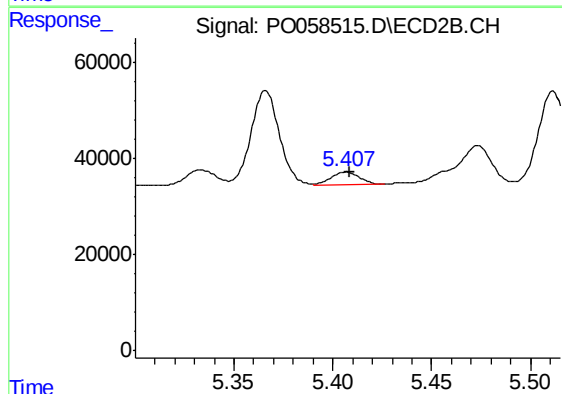
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 239421
Conc: 171.38 ng/ml



#25 AR-1248-5

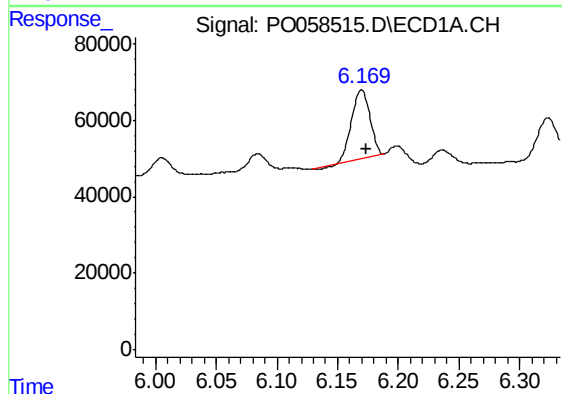
R.T.: 6.170 min
Delta R.T.: -0.070 min
Response: 187928
Conc: 97.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



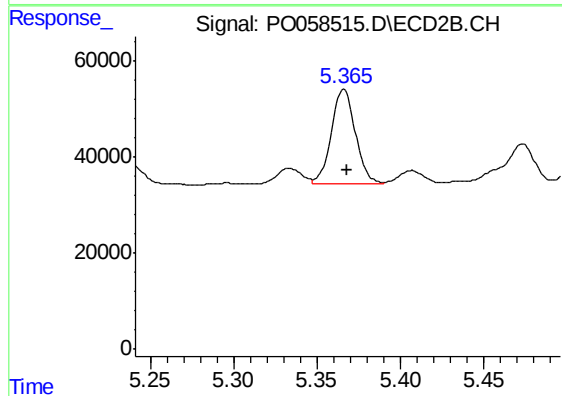
#25 AR-1248-5

R.T.: 5.407 min
Delta R.T.: -0.002 min
Response: 26825
Conc: 19.36 ng/ml



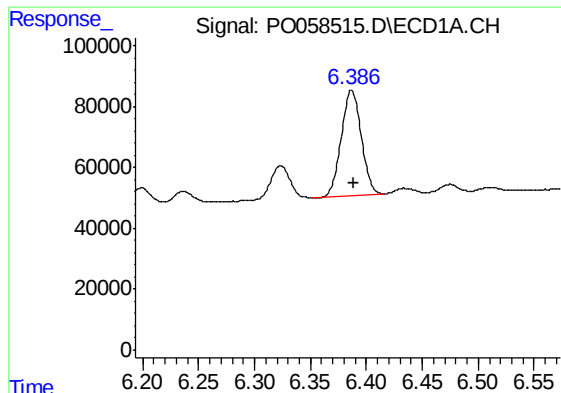
#26 AR-1254-1

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 187928
Conc: 79.59 ng/ml



#26 AR-1254-1

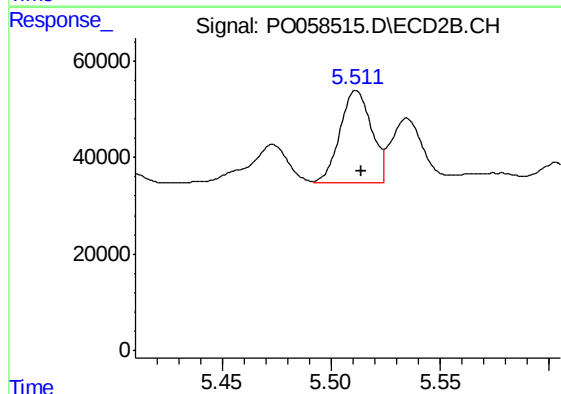
R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 196636
Conc: 75.91 ng/ml



#27 AR-1254-2

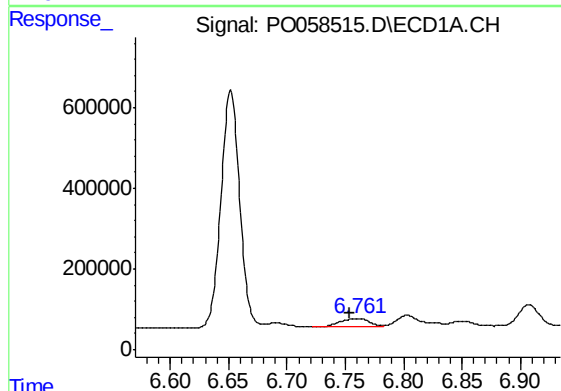
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 432445
Conc: 112.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



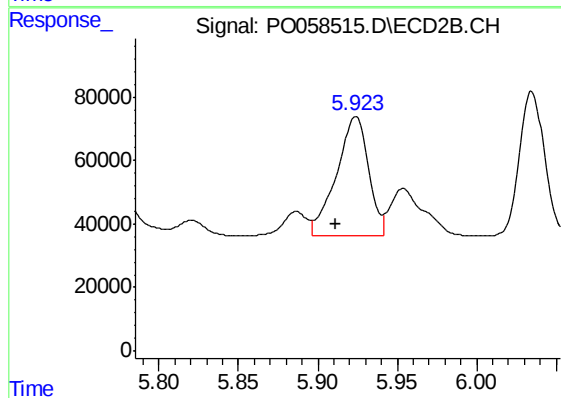
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 194979
Conc: 85.16 ng/ml



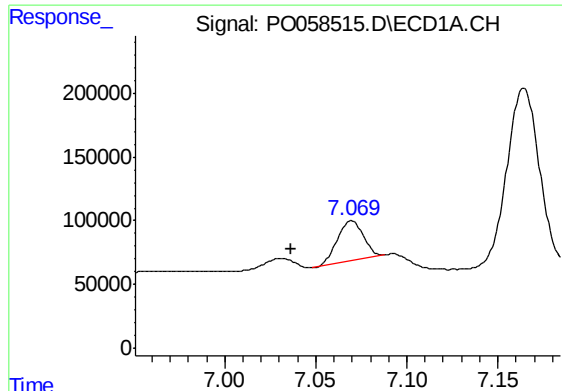
#28 AR-1254-3

R.T.: 6.761 min
Delta R.T.: 0.007 min
Response: 338382
Conc: 83.56 ng/ml



#28 AR-1254-3

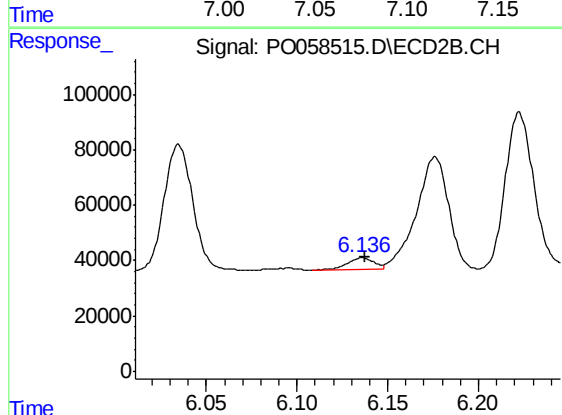
R.T.: 5.924 min
Delta R.T.: 0.013 min
Response: 530064
Conc: 144.06 ng/ml



#29 AR-1254-4

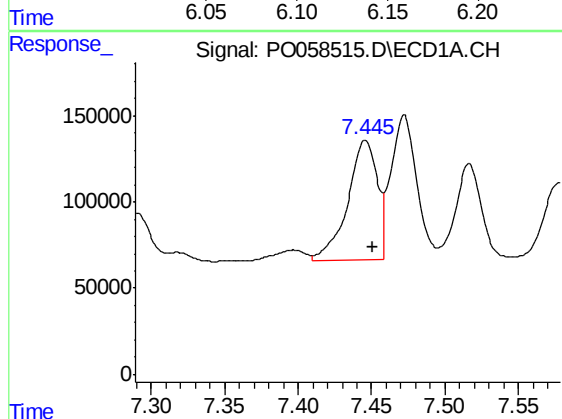
R.T.: 7.070 min
Delta R.T.: 0.034 min
Response: 312551
Conc: 86.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



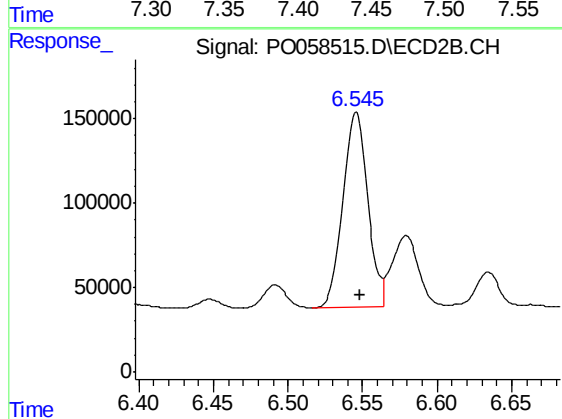
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 44771
Conc: 19.25 ng/ml



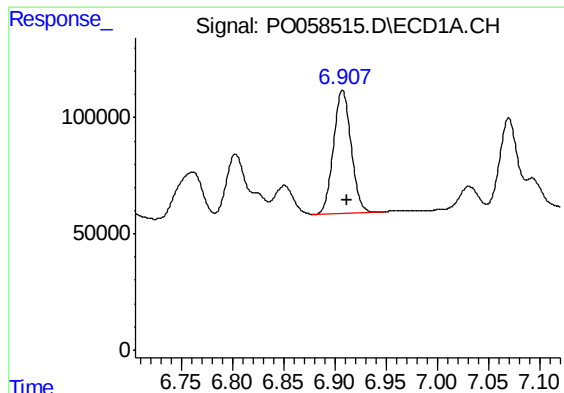
#30 AR-1254-5

R.T.: 7.446 min
Delta R.T.: -0.005 min
Response: 962319
Conc: 265.48 ng/ml



#30 AR-1254-5

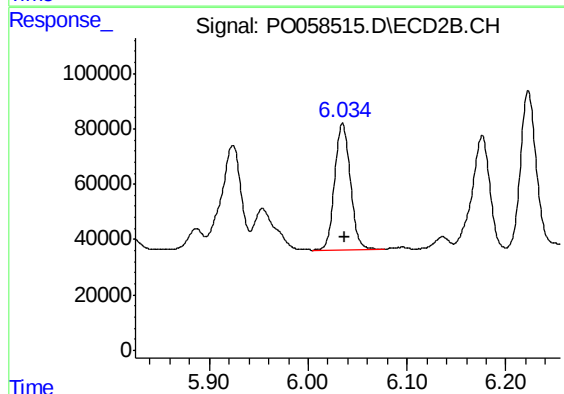
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 1329011
Conc: 385.27 ng/ml



#31 AR-1260-1

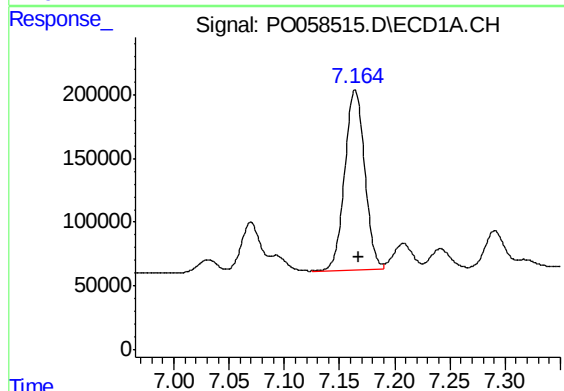
R.T.: 6.907 min
Delta R.T.: -0.005 min
Response: 634340
Conc: 220.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



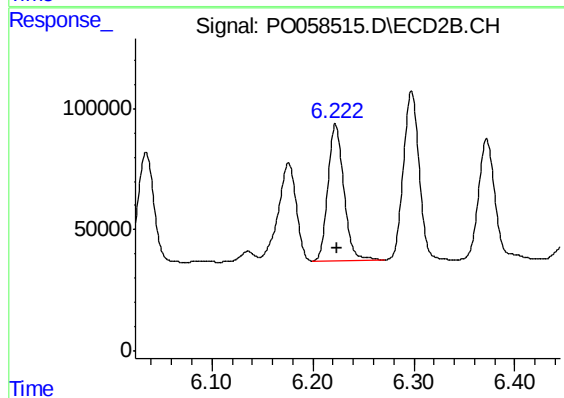
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 502928
Conc: 211.31 ng/ml



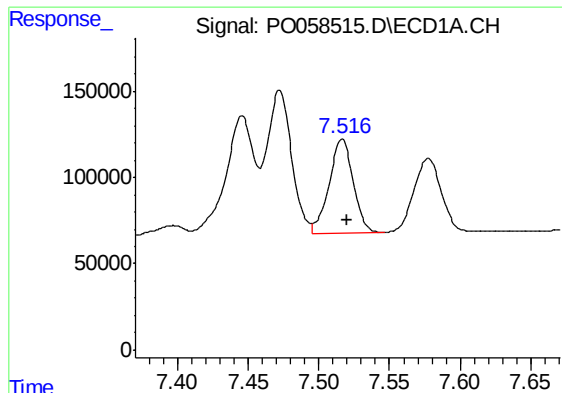
#32 AR-1260-2

R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 1787670
Conc: 429.72 ng/ml



#32 AR-1260-2

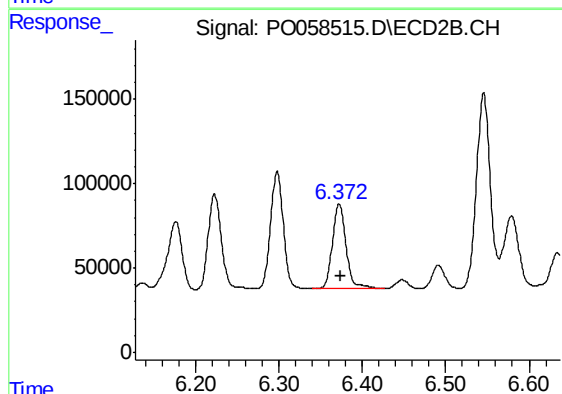
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 629972
Conc: 207.96 ng/ml



#33 AR-1260-3

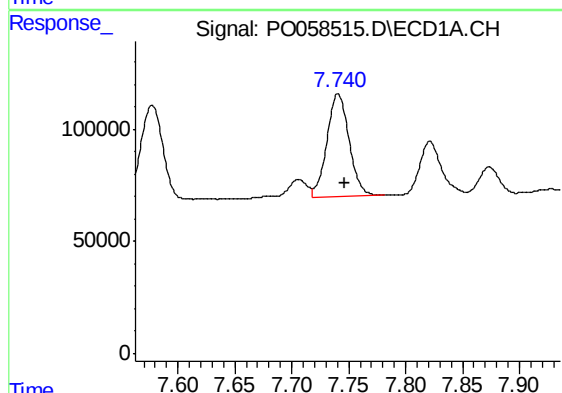
R.T.: 7.517 min
Delta R.T.: -0.004 min
Response: 654216
Conc: 175.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



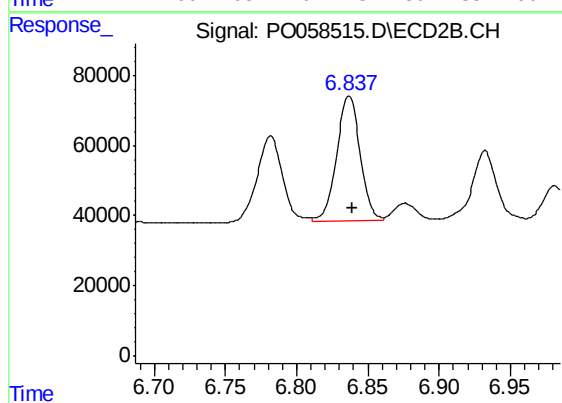
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 578878
Conc: 214.41 ng/ml



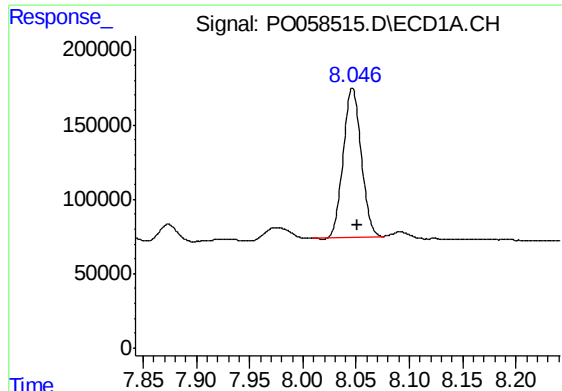
#34 AR-1260-4

R.T.: 7.741 min
Delta R.T.: -0.006 min
Response: 613484
Conc: 180.02 ng/ml



#34 AR-1260-4

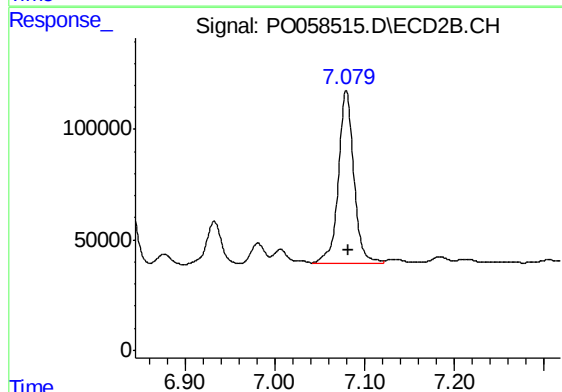
R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 409033
Conc: 181.03 ng/ml



#35 AR-1260-5

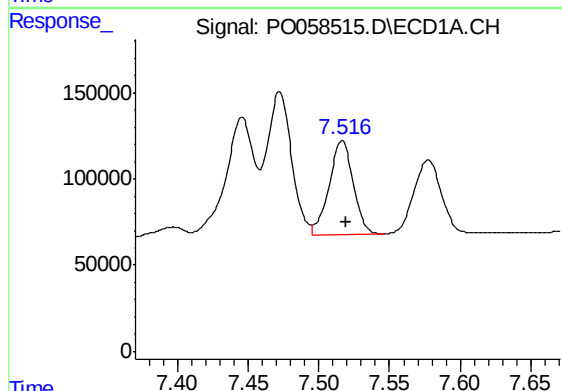
R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 1179264
Conc: 160.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



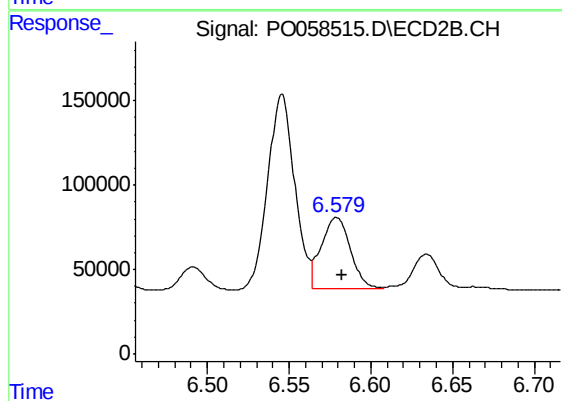
#35 AR-1260-5

R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 936661
Conc: 173.93 ng/ml



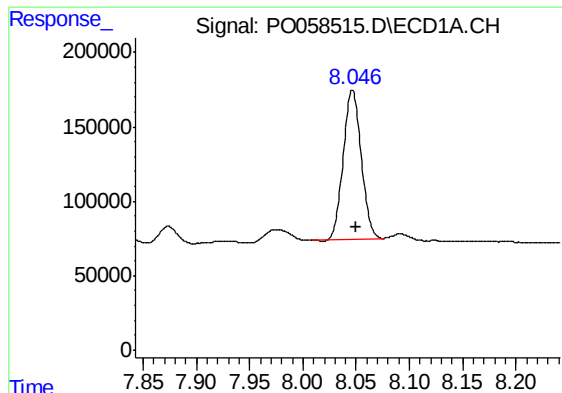
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: -0.003 min
Response: 654216
Conc: 129.80 ng/ml



#36 AR-1262-1

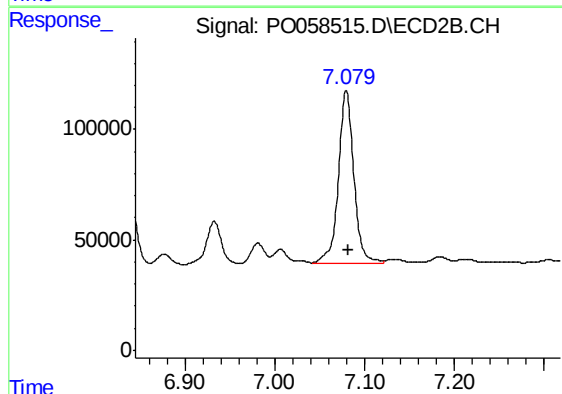
R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 524448
Conc: 146.83 ng/ml



#37 AR-1262-2

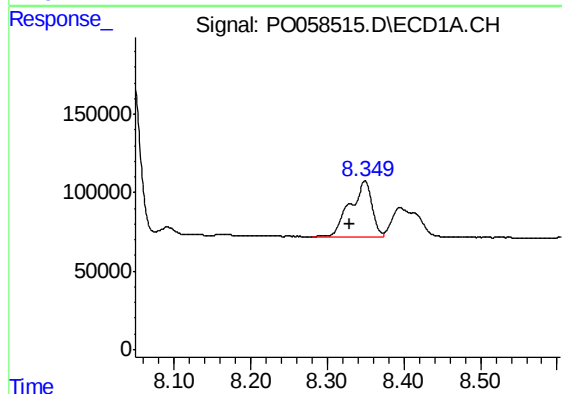
R.T.: 8.046 min
Delta R.T.: -0.003 min
Response: 1179264
Conc: 148.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



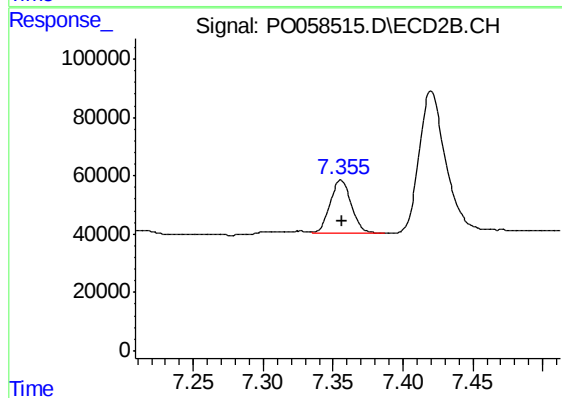
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 936661
Conc: 165.90 ng/ml



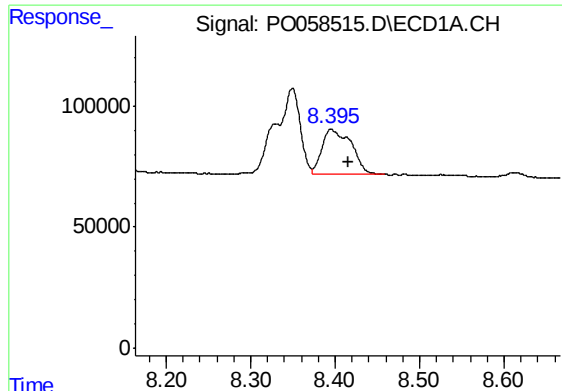
#38 AR-1262-3

R.T.: 8.349 min
Delta R.T.: 0.020 min
Response: 716316
Conc: 140.91 ng/ml



#38 AR-1262-3

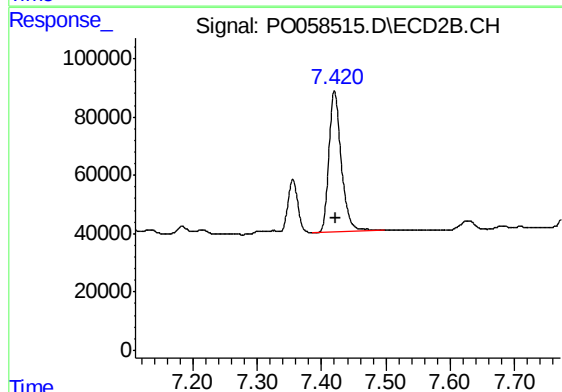
R.T.: 7.356 min
Delta R.T.: -0.001 min
Response: 193889
Conc: 78.56 ng/ml



#39 AR-1262-4

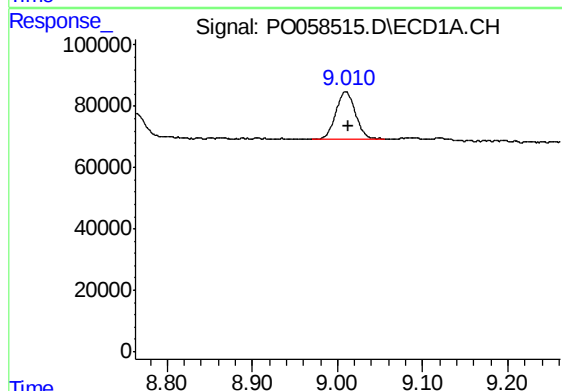
R.T.: 8.395 min
Delta R.T.: -0.020 min
Response: 443135
Conc: 116.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



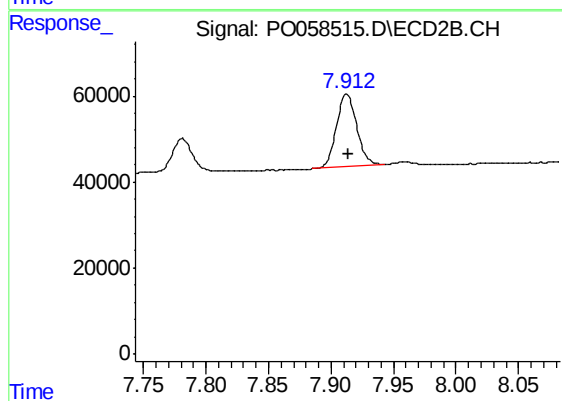
#39 AR-1262-4

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 645606
Conc: 152.04 ng/ml



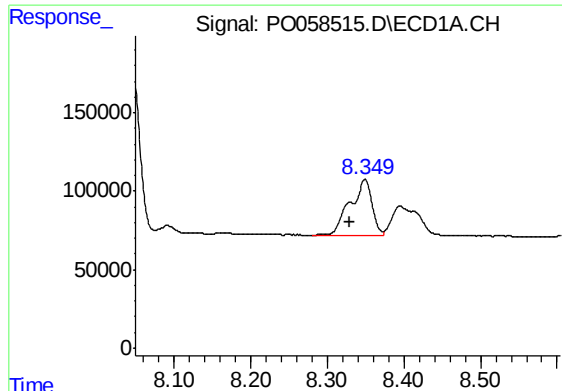
#40 AR-1262-5

R.T.: 9.010 min
Delta R.T.: -0.003 min
Response: 240438
Conc: 104.65 ng/ml



#40 AR-1262-5

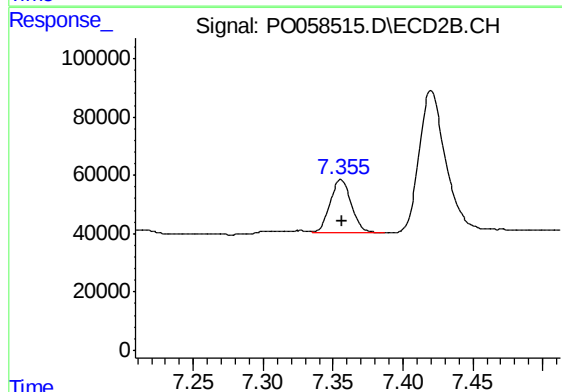
R.T.: 7.912 min
Delta R.T.: -0.001 min
Response: 191515
Conc: 112.63 ng/ml



#41 AR-1268-1

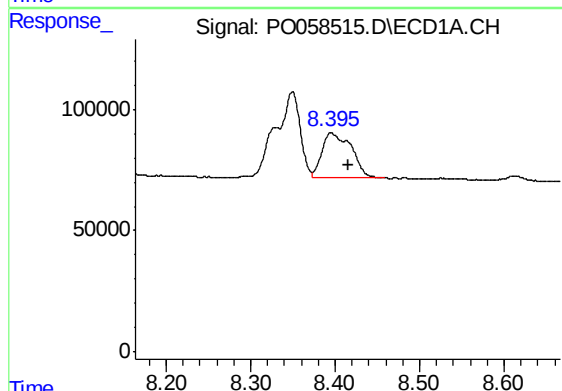
R.T.: 8.349 min
Delta R.T.: 0.020 min
Response: 716316
Conc: 64.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



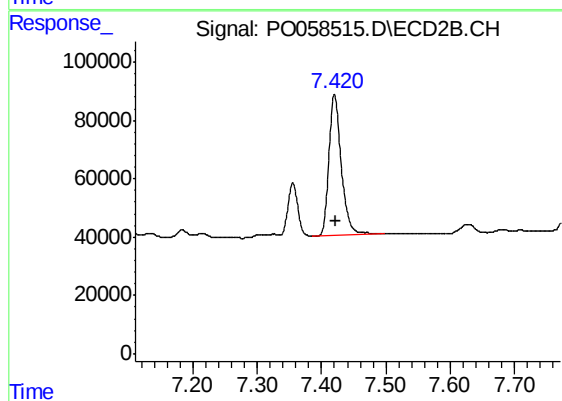
#41 AR-1268-1

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 193889
Conc: 23.80 ng/ml



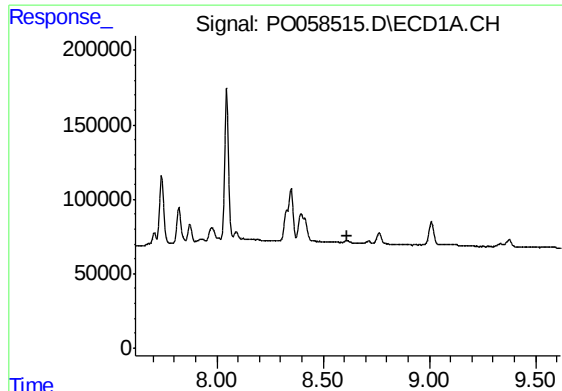
#42 AR-1268-2

R.T.: 8.395 min
Delta R.T.: -0.021 min
Response: 443135
Conc: 47.18 ng/ml



#42 AR-1268-2

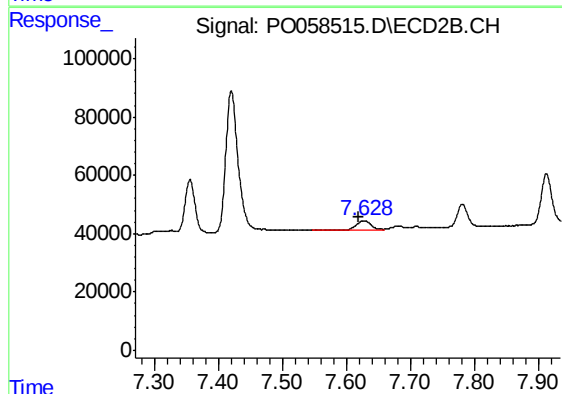
R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 645606
Conc: 85.20 ng/ml



#43 AR-1268-3

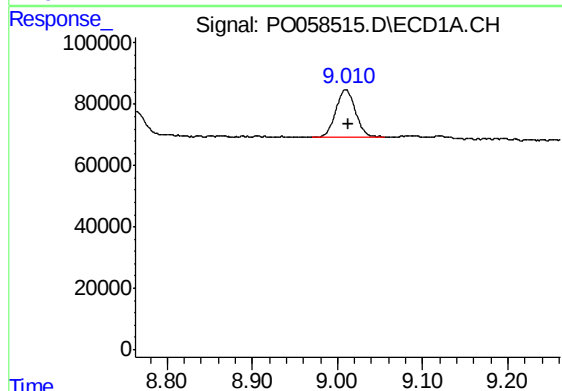
R.T.: 0.000 min
Exp R.T.: 8.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



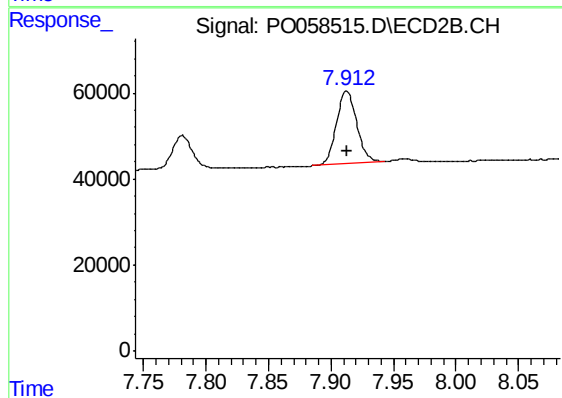
#43 AR-1268-3

R.T.: 7.628 min
Delta R.T.: 0.009 min
Response: 45168
Conc: 7.07 ng/ml



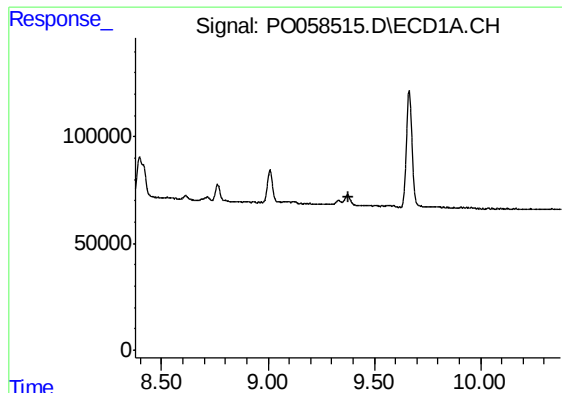
#44 AR-1268-4

R.T.: 9.010 min
Delta R.T.: -0.004 min
Response: 240438
Conc: 80.43 ng/ml



#44 AR-1268-4

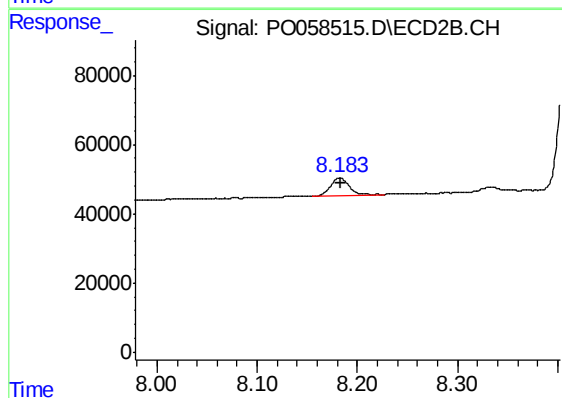
R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 191515
Conc: 82.53 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.377 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S14-06-SMSD



#45 AR-1268-5

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 69530
Conc: 4.06 ng/ml