

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080119\
 Data File : P0058679.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Jul 2019 14:44
 Operator : SM/AJ
 Sample : K4049-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-6DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:16:00 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...	4.178	3.520	207201	188102	4.910	4.708
2)	SA Decachlor...	9.661	8.410	295198	215332	5.451	5.455
Target Compounds							
3)	L1 AR-1016-1	0.000	4.577	0	50542	N.D.	34.666 #
4)	L1 AR-1016-2	0.000	4.596	0	78993	N.D.	36.799 #
5)	L1 AR-1016-3	0.000	4.769	0	64080	N.D.	56.422 #
6)	L1 AR-1016-4	0.000	4.809	0	426366	N.D.	451.993 #
7)	L1 AR-1016-5	5.800	5.018	427764	360703	298.627	292.912
10)	L2 AR-1221-3	0.000	3.930	0	167166	N.D.	174.749 #
11)	L3 AR-1232-1	0.000	3.930	0	167166	N.D.	212.798 #
12)	L3 AR-1232-2	0.000	4.596	0	78993	N.D.	93.429 #
13)	L3 AR-1232-3	0.000	4.769	0	64080	N.D.	145.709 #
14)	L3 AR-1232-4	0.000	4.849	0	221199	N.D.	559.614 #
15)	L3 AR-1232-5	5.599	5.018	517077	360703	1267.150	819.313 #
16)	L4 AR-1242-1	0.000	4.577	0	50542	N.D.	49.787 #
17)	L4 AR-1242-2	0.000	4.596	0	78993	N.D.	52.325 #
18)	L4 AR-1242-3	0.000	4.769	0	64080	N.D.	78.685 #
19)	L4 AR-1242-4	0.000	4.849	0	221199	N.D.	273.414 #
20)	L4 AR-1242-5	6.236	5.364	829461	1267201	706.182	1181.335 #
21)	L5 AR-1248-1	0.000	4.577	0	50542	N.D.	63.206 #
22)	L5 AR-1248-2	5.599	4.809	517077	426366	357.692	384.808
23)	L5 AR-1248-3	5.800	4.849	427764	221199	260.417	194.348 #
24)	L5 AR-1248-4	6.199	5.018	721514	360703	356.260	258.201 #
25)	L5 AR-1248-5	6.236	5.404	829461	420915	429.696	303.853 #
26)	L6 AR-1254-1	6.170	5.364	1319491	1267201	558.801	489.165
27)	L6 AR-1254-2	6.386	5.509	2324082	1153517	603.039	503.845
28)	L6 AR-1254-3	6.750	5.906	2678149	2162699	661.331	587.792
29)	L6 AR-1254-4	7.032	6.133	2354474	1428440	653.904	614.326
30)	L6 AR-1254-5	7.445	6.543	2622688	2369195	723.547	686.812
31)	L7 AR-1260-1	6.907	6.032	1094195	1065194	380.042	447.551
32)	L7 AR-1260-2	7.162	6.219	1616484	1026247	388.573	338.774
33)	L7 AR-1260-3	7.510	6.368	388383	885342	104.293	327.924 #
34)	L7 AR-1260-4	7.735	6.834	995764	153085	292.203	67.751 #
35)	L7 AR-1260-5	8.045	7.076	678049	466655	92.192	86.653
36)	L8 AR-1262-1	7.510	6.611	388383	152313	77.056	42.644 #
37)	L8 AR-1262-2	8.045	7.076	678049	466655	85.192	82.652
38)	L8 AR-1262-3	8.346	7.352	413999	109053	81.441	44.186 #
39)	L8 AR-1262-4	8.346	7.417	413999	404773	109.247	95.326
40)	L8 AR-1262-5	0.000	7.910	0	77154	N.D.	45.374 #
41)	L9 AR-1268-1	8.346	7.352	413999	109053	37.065	13.389 #
42)	L9 AR-1268-2	0.000	7.417	0	404773	N.D.	53.420 #
43)	L9 AR-1268-3	0.000	7.615	0	28319	N.D.	4.430 #

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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
44)	L9 AR-1268-4	0.000	7.910	0	77154	N.D.	33.246 #
45)	L9 AR-1268-5	0.000	8.180	0	75968	N.D.	4.433 #

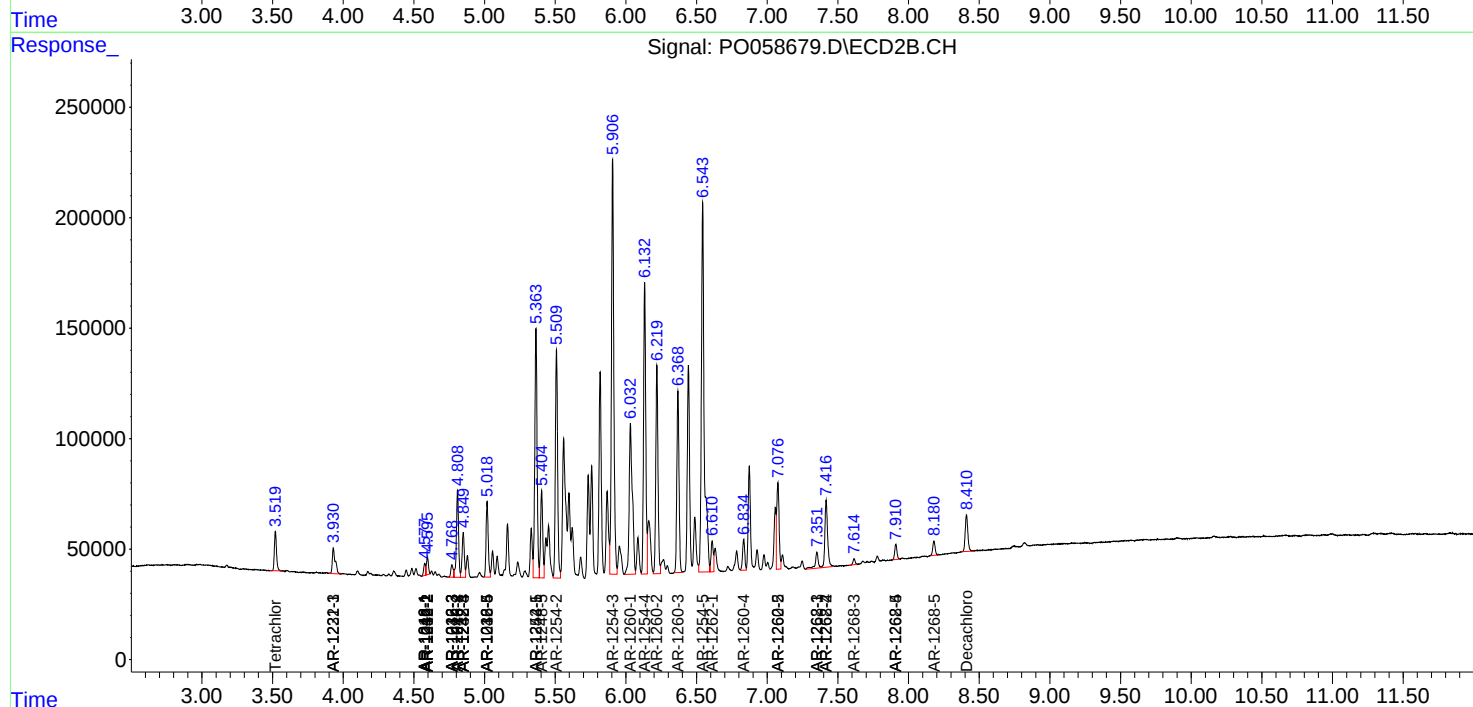
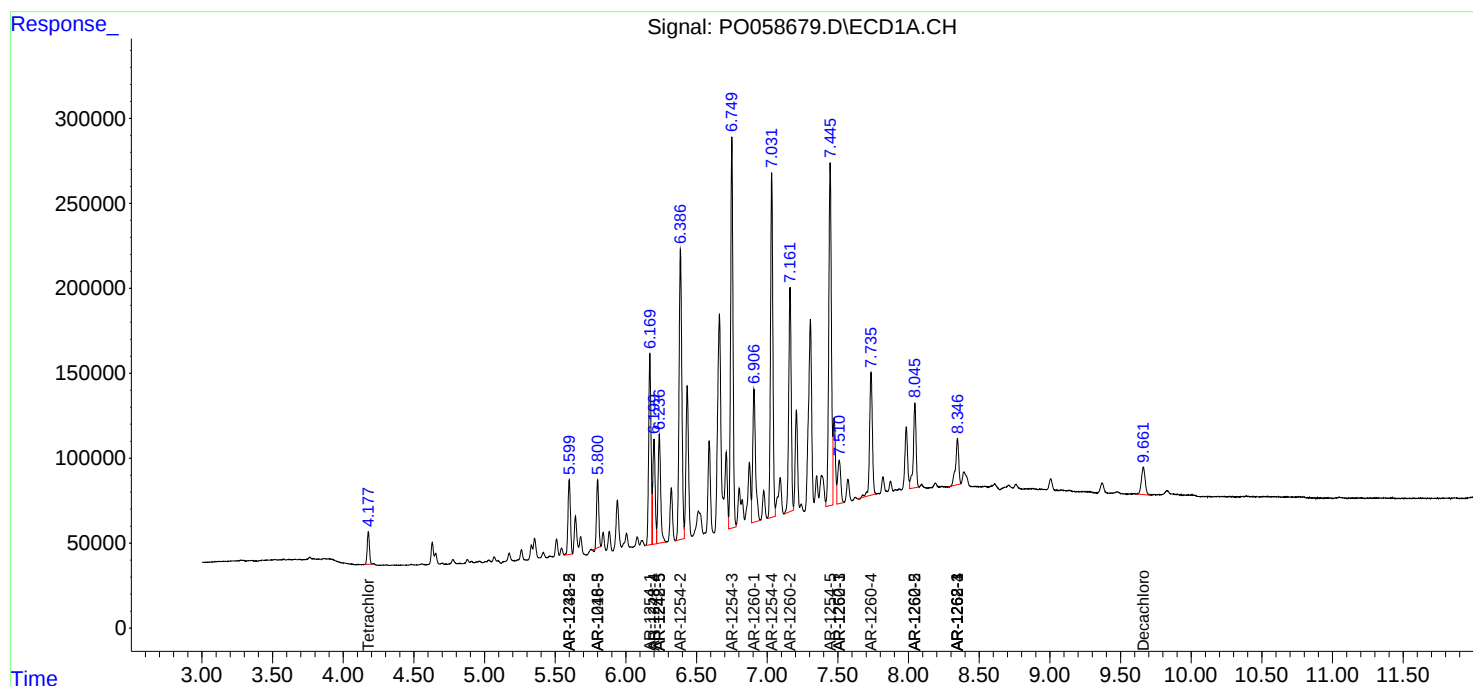
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

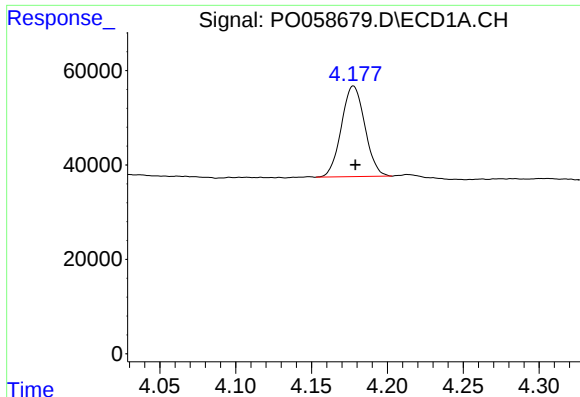
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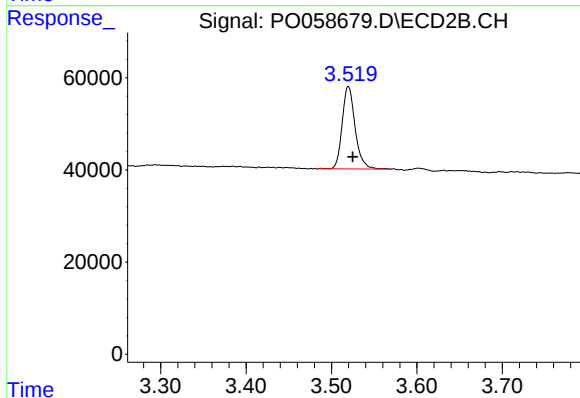




#1 Tetrachloro-m-xylene

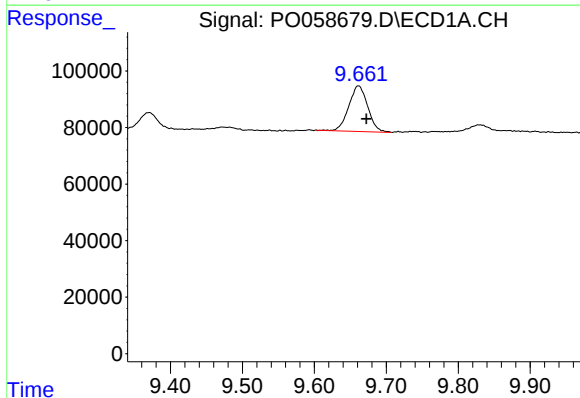
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 207201
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



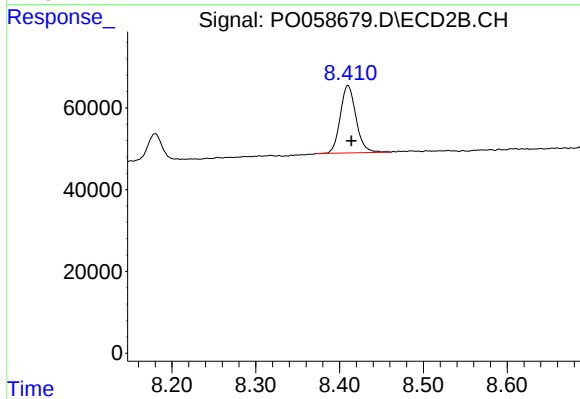
#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: -0.005 min
Response: 188102
Conc: 4.71 ng/ml



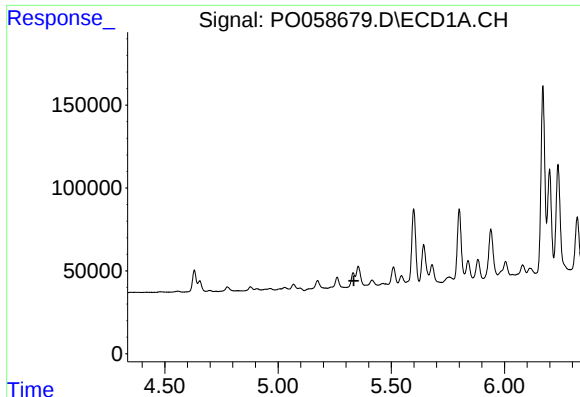
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: -0.011 min
Response: 295198
Conc: 5.45 ng/ml



#2 Decachlorobiphenyl

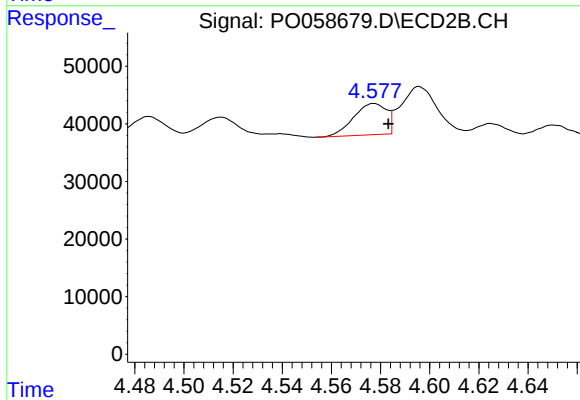
R.T.: 8.410 min
Delta R.T.: -0.004 min
Response: 215332
Conc: 5.46 ng/ml



#3 AR-1016-1

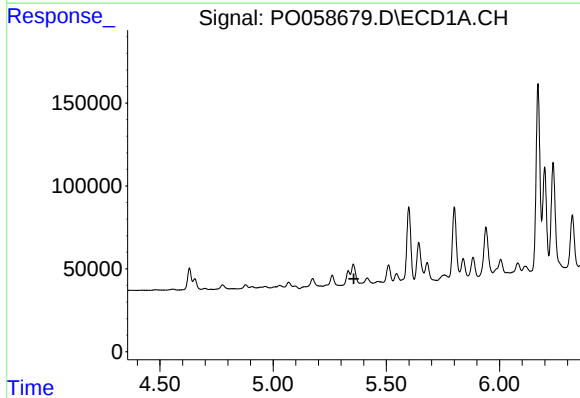
R.T.: 0.000 min
Exp R.T.: 5.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



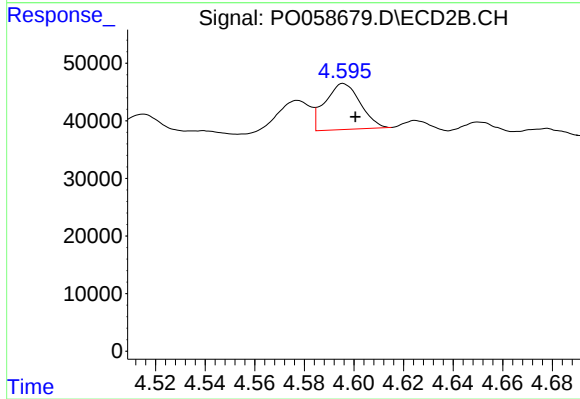
#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 50542
Conc: 34.67 ng/ml



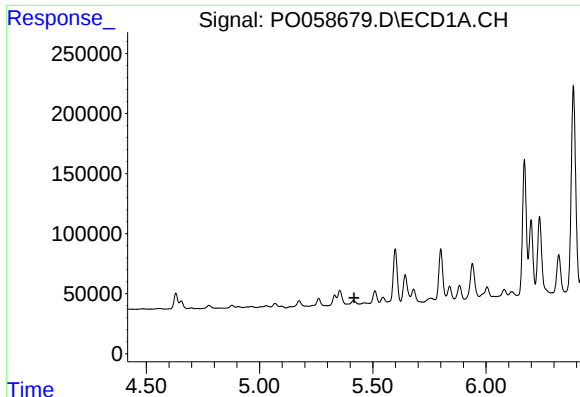
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.



#4 AR-1016-2

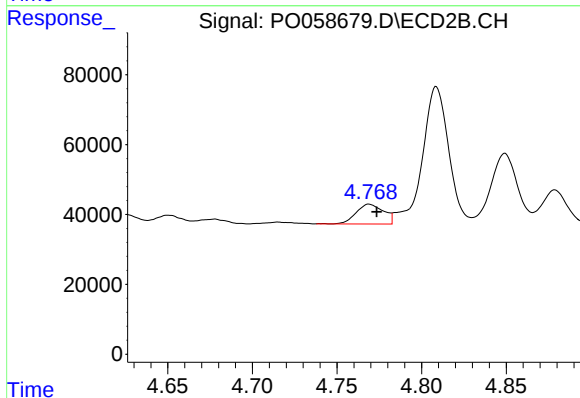
R.T.: 4.596 min
Delta R.T.: -0.005 min
Response: 78993
Conc: 36.80 ng/ml



#5 AR-1016-3

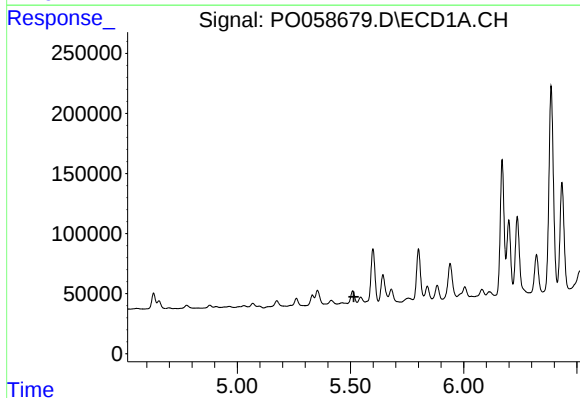
R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



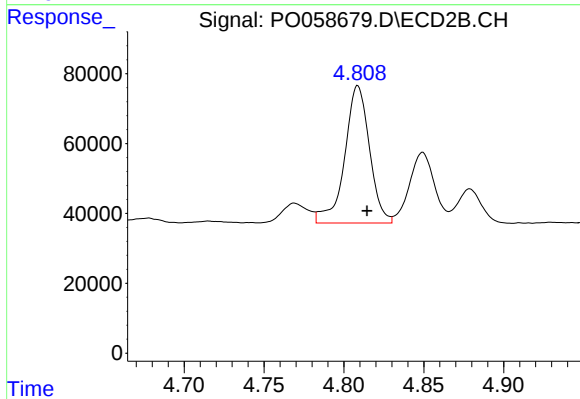
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 64080
Conc: 56.42 ng/ml



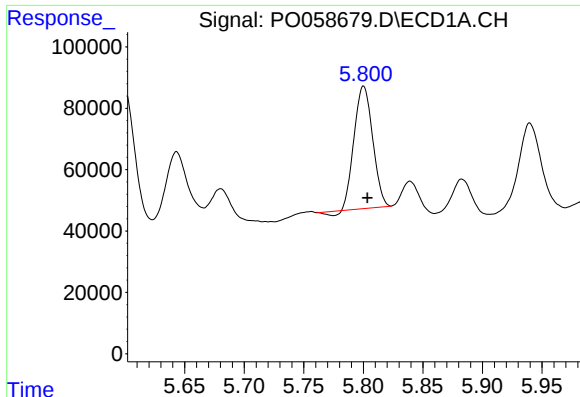
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.



#6 AR-1016-4

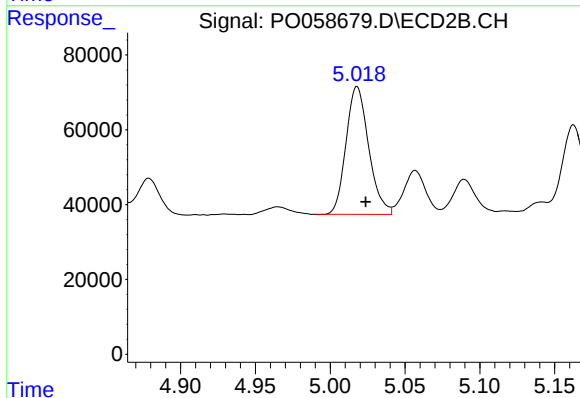
R.T.: 4.809 min
Delta R.T.: -0.006 min
Response: 426366
Conc: 451.99 ng/ml



#7 AR-1016-5

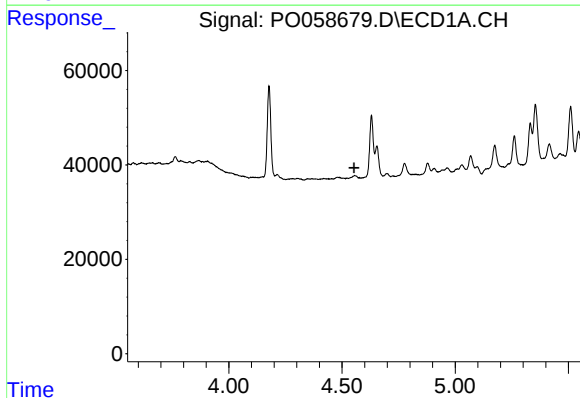
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 427764
Conc: 298.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



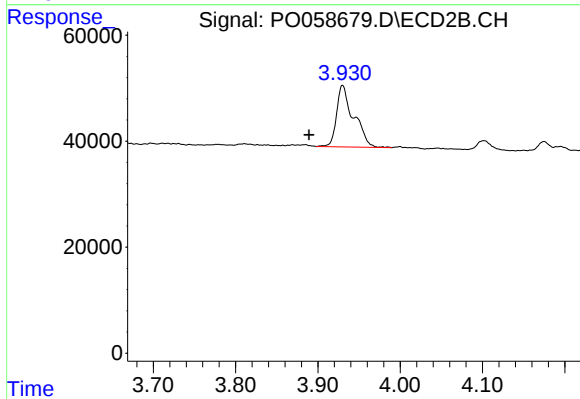
#7 AR-1016-5

R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 360703
Conc: 292.91 ng/ml



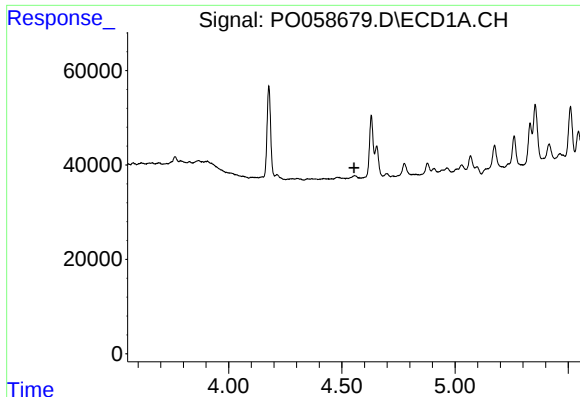
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#10 AR-1221-3

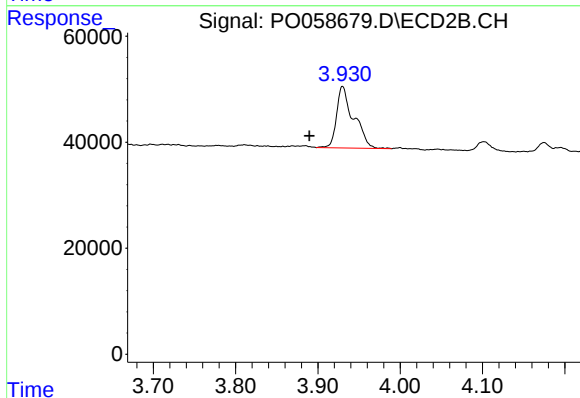
R.T.: 3.930 min
Delta R.T.: 0.041 min
Response: 167166
Conc: 174.75 ng/ml



#11 AR-1232-1

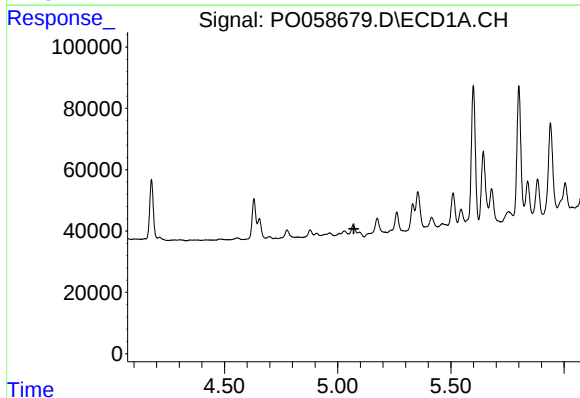
R.T.: 0.000 min
Exp R.T.: 4.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



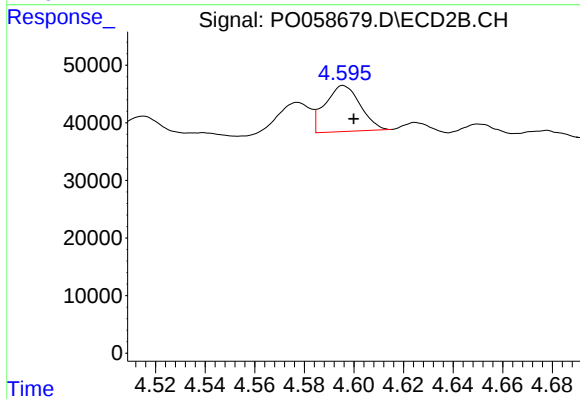
#11 AR-1232-1

R.T.: 3.930 min
Delta R.T.: 0.041 min
Response: 167166
Conc: 212.80 ng/ml



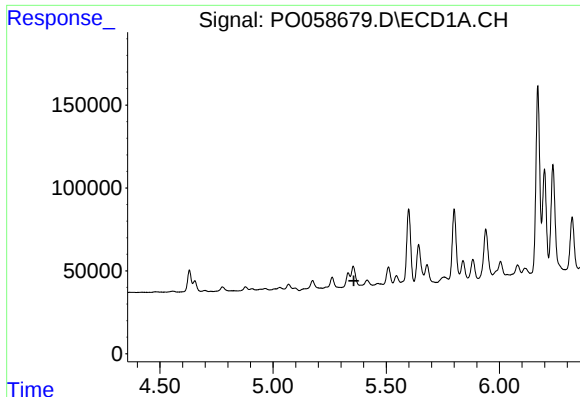
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.



#12 AR-1232-2

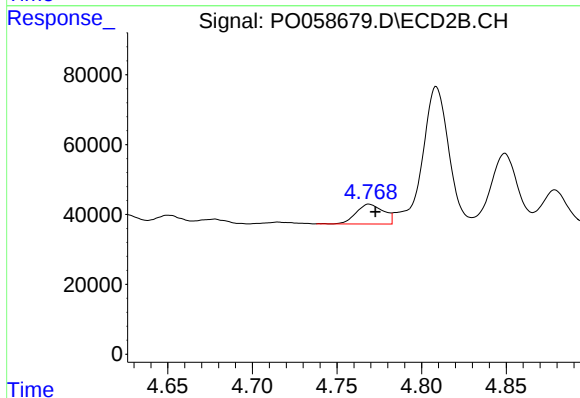
R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 78993
Conc: 93.43 ng/ml



#13 AR-1232-3

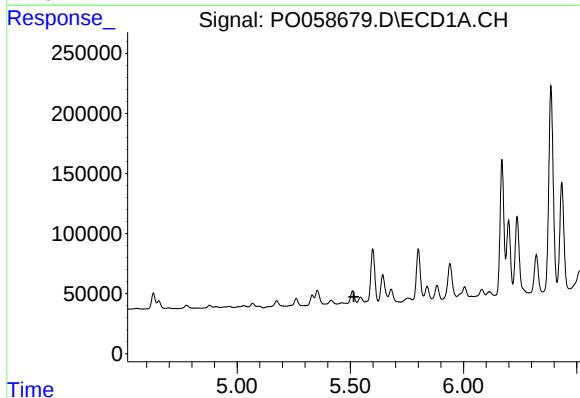
R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



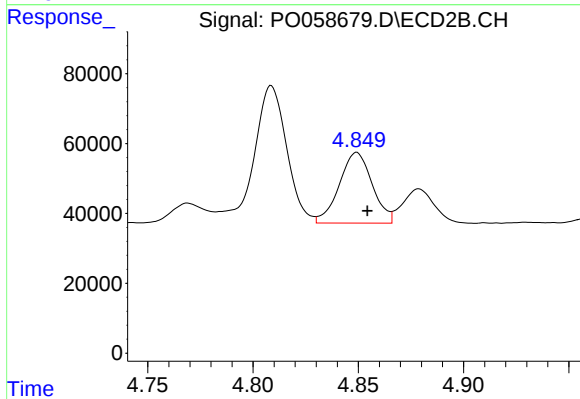
#13 AR-1232-3

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 64080
Conc: 145.71 ng/ml



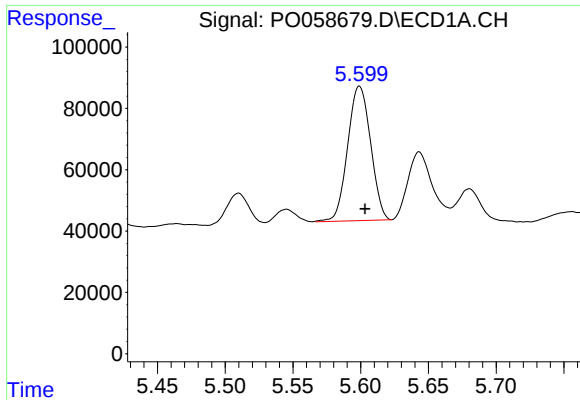
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.516 min
Response: 0
Conc: N.D.



#14 AR-1232-4

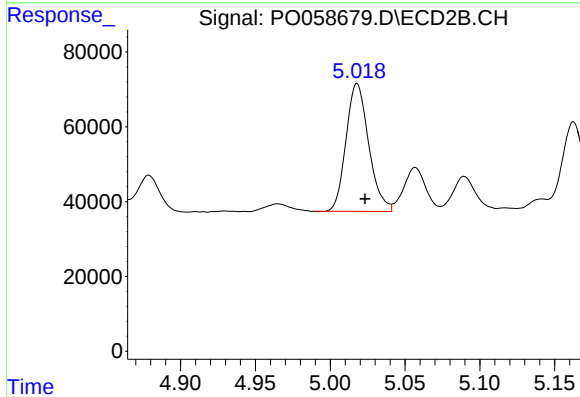
R.T.: 4.849 min
Delta R.T.: -0.005 min
Response: 221199
Conc: 559.61 ng/ml



#15 AR-1232-5

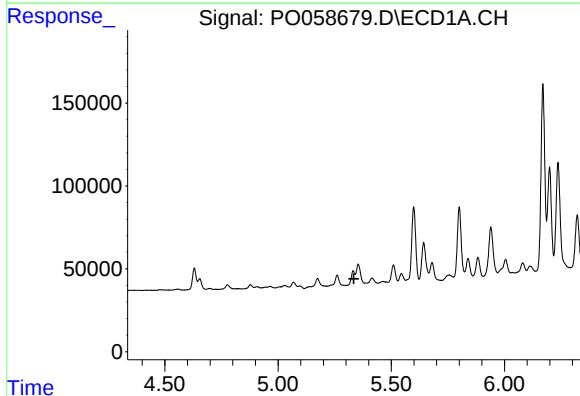
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 517077
Conc: 1267.15 ng/ml

Instrument :
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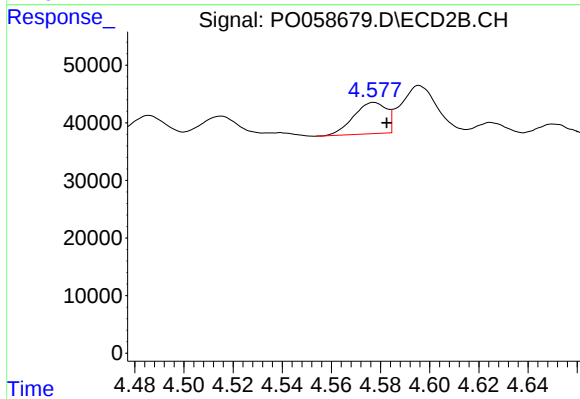
#15 AR-1232-5

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 360703
Conc: 819.31 ng/ml



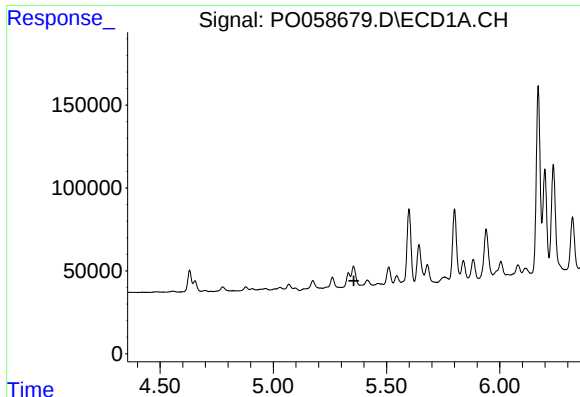
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.335 min
Response: 0
Conc: N.D.



#16 AR-1242-1

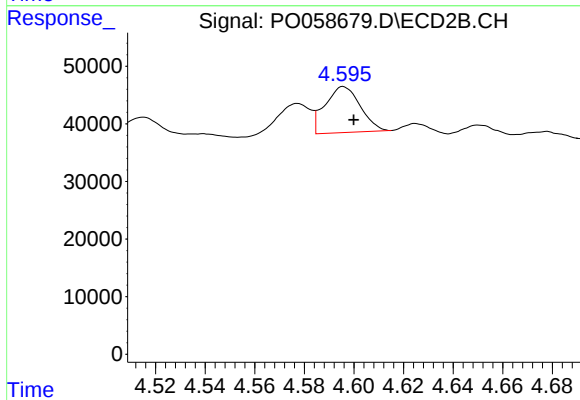
R.T.: 4.577 min
Delta R.T.: -0.005 min
Response: 50542
Conc: 49.79 ng/ml



#17 AR-1242-2

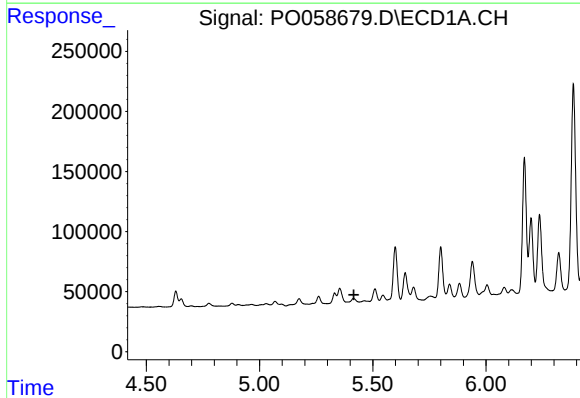
R.T.: 0.000 min
Exp R.T.: 5.356 min
Response: 0
Conc: N.D.

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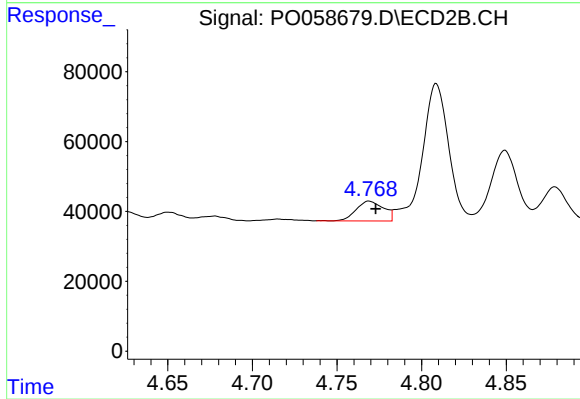
#17 AR-1242-2

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 78993
Conc: 52.32 ng/ml



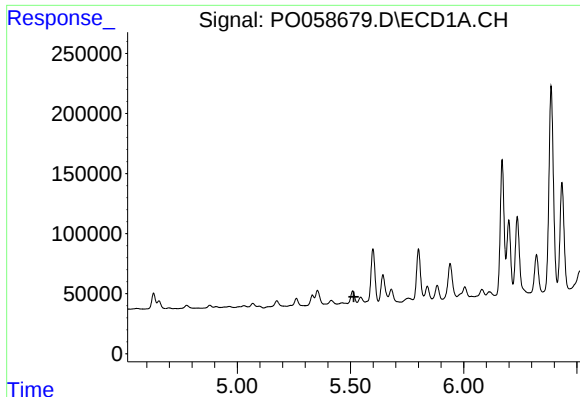
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.417 min
Response: 0
Conc: N.D.



#18 AR-1242-3

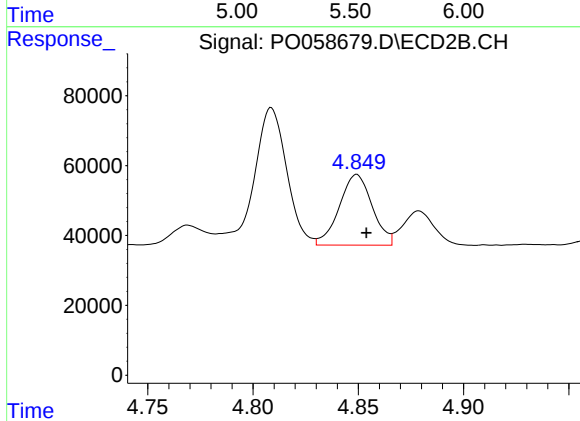
R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 64080
Conc: 78.69 ng/ml



#19 AR-1242-4

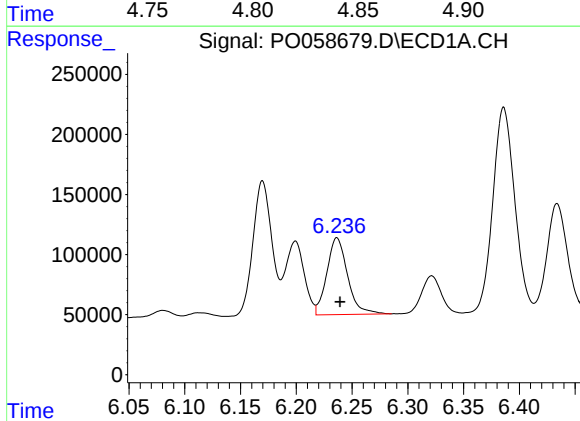
R.T.: 0.000 min
Exp R.T.: 5.515 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



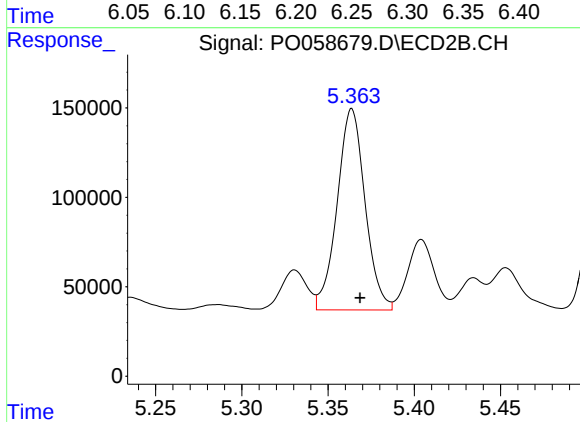
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: -0.005 min
Response: 221199
Conc: 273.41 ng/ml



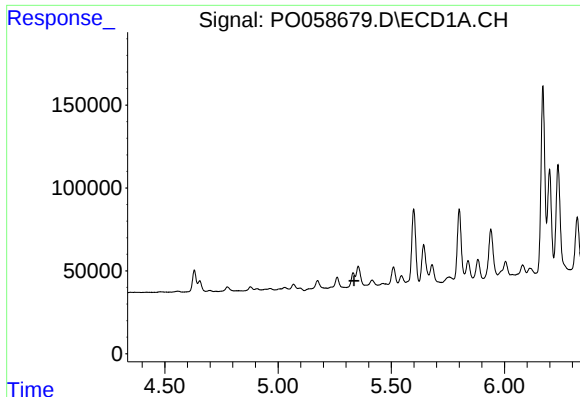
#20 AR-1242-5

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 829461
Conc: 706.18 ng/ml



#20 AR-1242-5

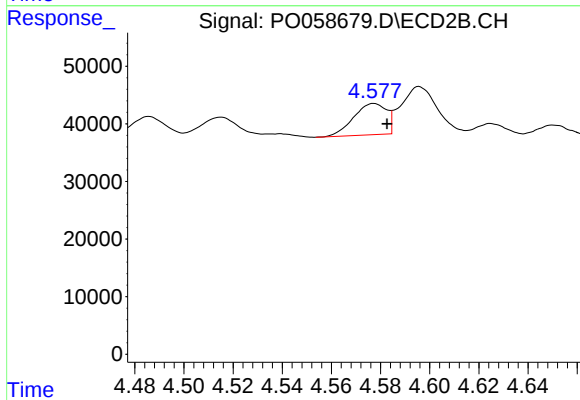
R.T.: 5.364 min
Delta R.T.: -0.005 min
Response: 1267201
Conc: 1181.33 ng/ml



#21 AR-1248-1

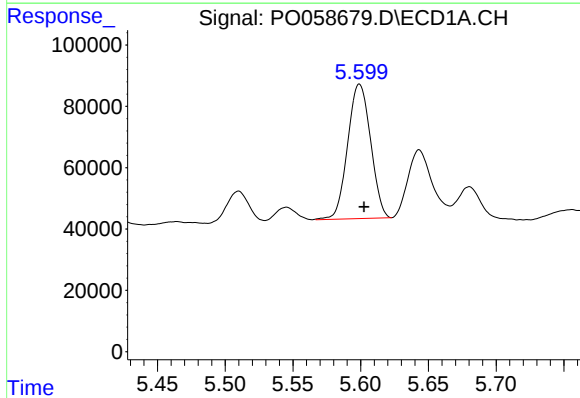
R.T.: 0.000 min
Exp R.T.: 5.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



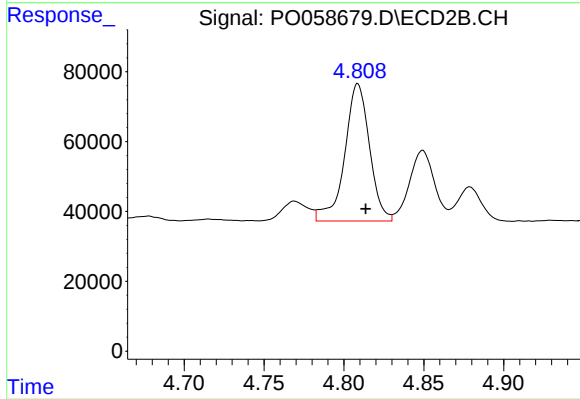
#21 AR-1248-1

R.T.: 4.577 min
Delta R.T.: -0.005 min
Response: 50542
Conc: 63.21 ng/ml



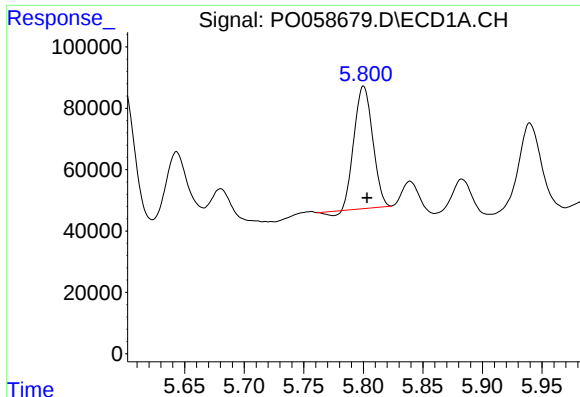
#22 AR-1248-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 517077
Conc: 357.69 ng/ml



#22 AR-1248-2

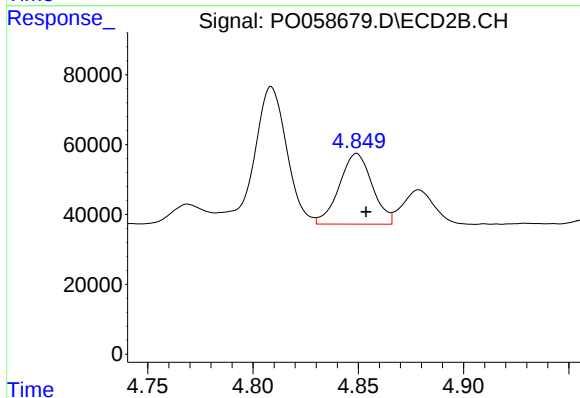
R.T.: 4.809 min
Delta R.T.: -0.005 min
Response: 426366
Conc: 384.81 ng/ml



#23 AR-1248-3

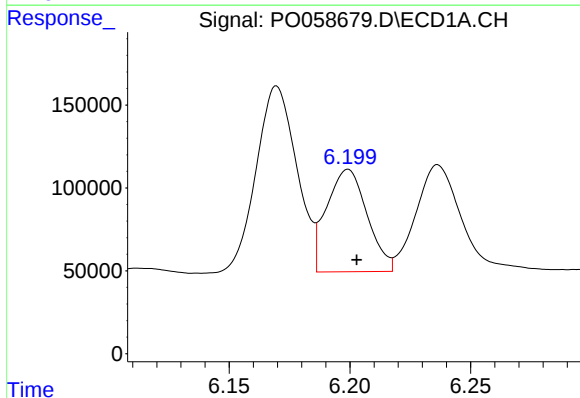
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 427764
Conc: 260.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



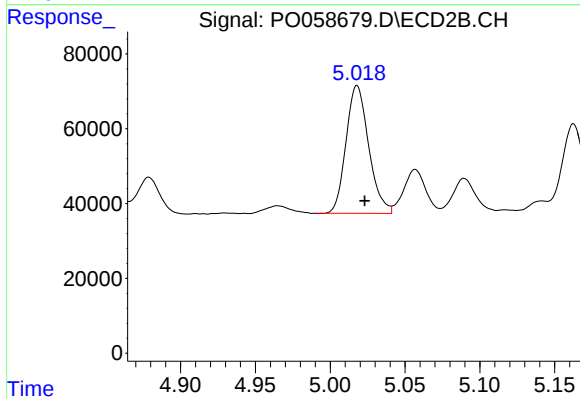
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 221199
Conc: 194.35 ng/ml



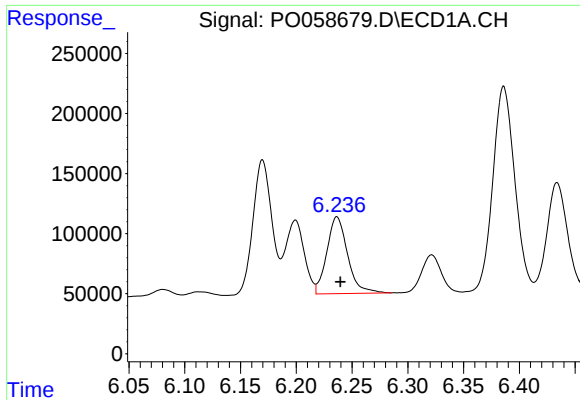
#24 AR-1248-4

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 721514
Conc: 356.26 ng/ml



#24 AR-1248-4

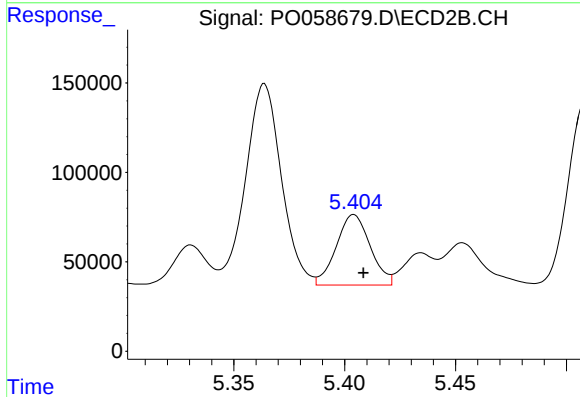
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 360703
Conc: 258.20 ng/ml



#25 AR-1248-5

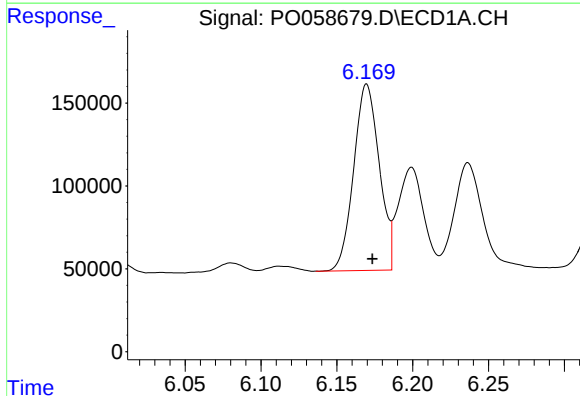
R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 829461
Conc: 429.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



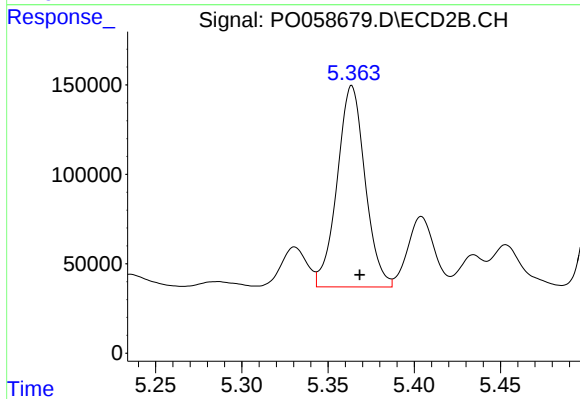
#25 AR-1248-5

R.T.: 5.404 min
Delta R.T.: -0.004 min
Response: 420915
Conc: 303.85 ng/ml



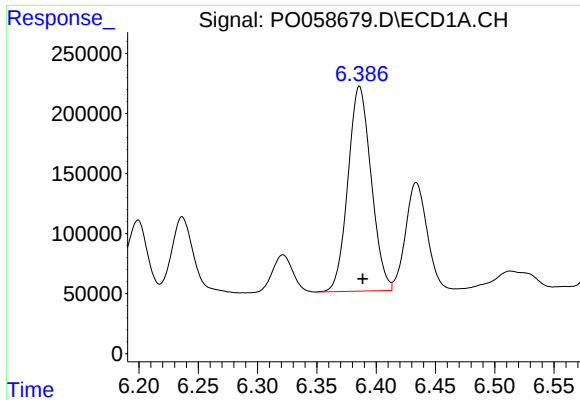
#26 AR-1254-1

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 1319491
Conc: 558.80 ng/ml



#26 AR-1254-1

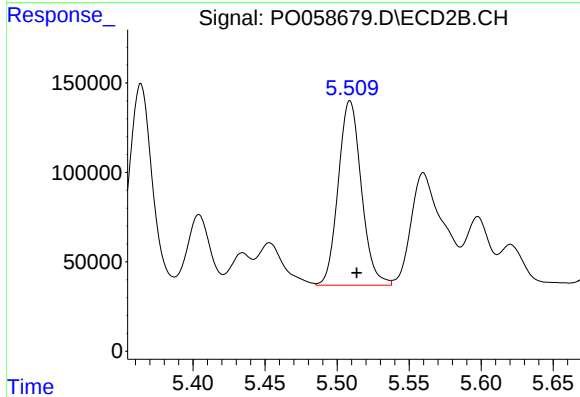
R.T.: 5.364 min
Delta R.T.: -0.005 min
Response: 1267201
Conc: 489.17 ng/ml



#27 AR-1254-2

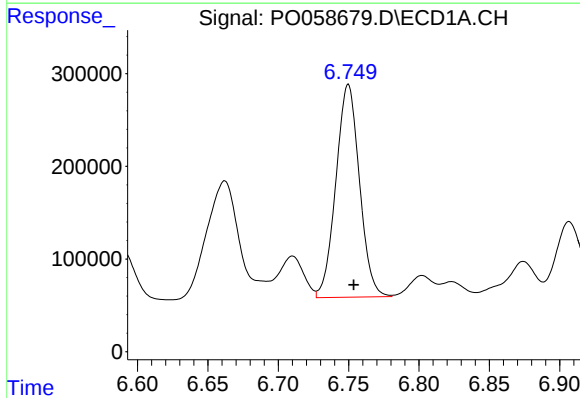
R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2324082
Conc: 603.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



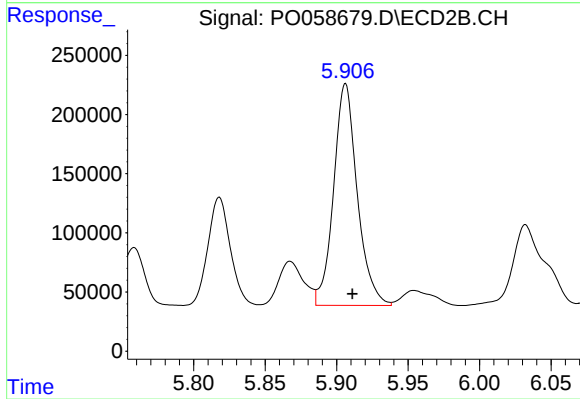
#27 AR-1254-2

R.T.: 5.509 min
Delta R.T.: -0.005 min
Response: 1153517
Conc: 503.85 ng/ml



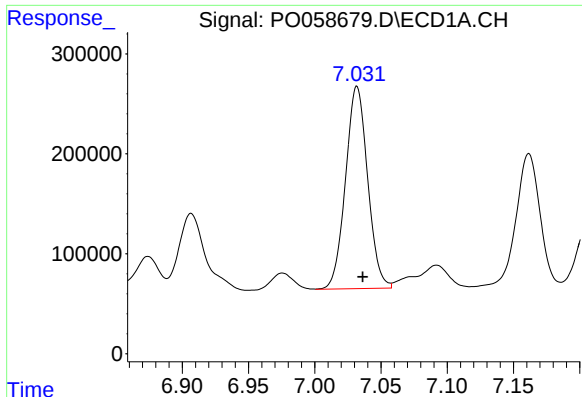
#28 AR-1254-3

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 2678149
Conc: 661.33 ng/ml



#28 AR-1254-3

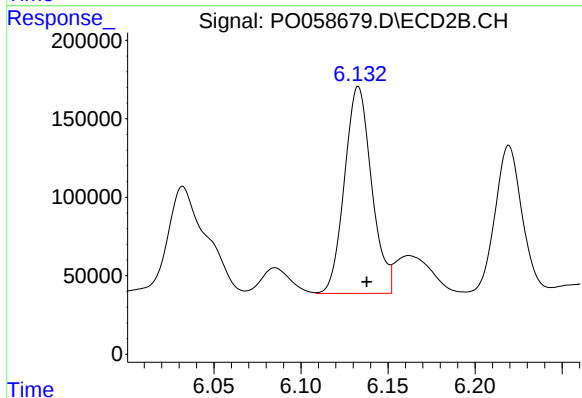
R.T.: 5.906 min
Delta R.T.: -0.005 min
Response: 2162699
Conc: 587.79 ng/ml



#29 AR-1254-4

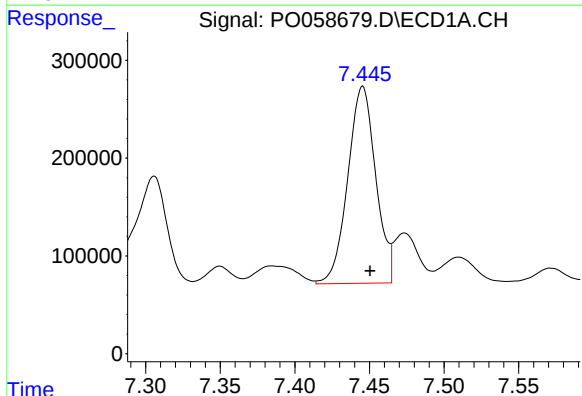
R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 2354474
Conc: 653.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



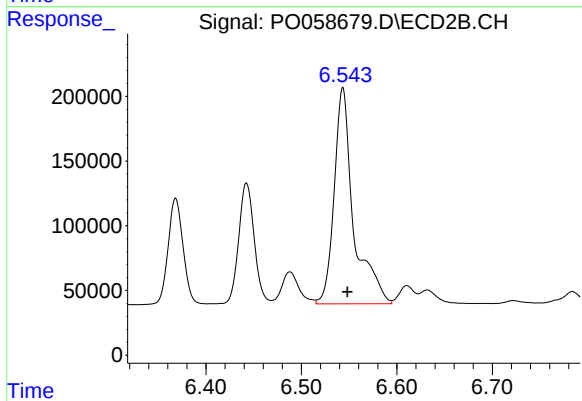
#29 AR-1254-4

R.T.: 6.133 min
Delta R.T.: -0.005 min
Response: 1428440
Conc: 614.33 ng/ml



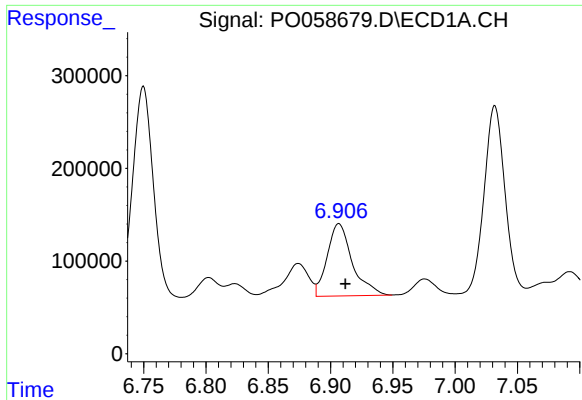
#30 AR-1254-5

R.T.: 7.445 min
Delta R.T.: -0.005 min
Response: 2622688
Conc: 723.55 ng/ml



#30 AR-1254-5

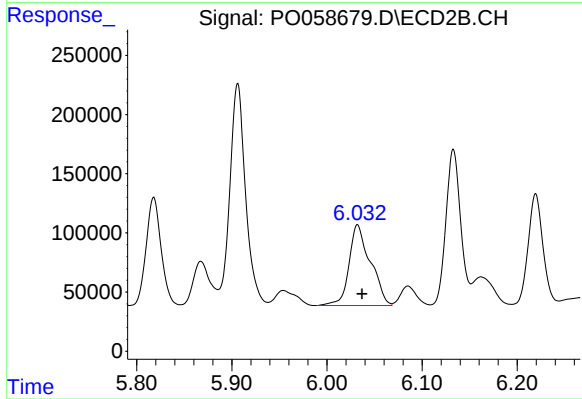
R.T.: 6.543 min
Delta R.T.: -0.005 min
Response: 2369195
Conc: 686.81 ng/ml



#31 AR-1260-1

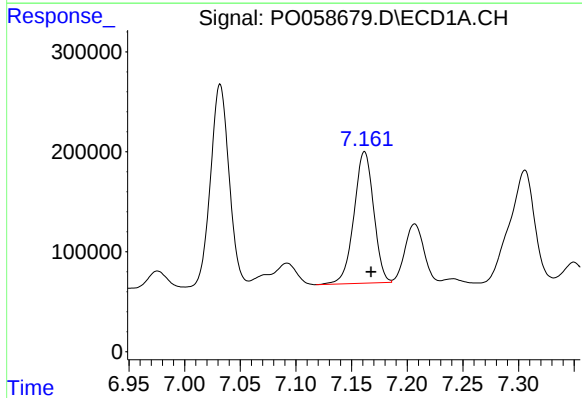
R.T.: 6.907 min
Delta R.T.: -0.005 min
Response: 1094195
Conc: 380.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



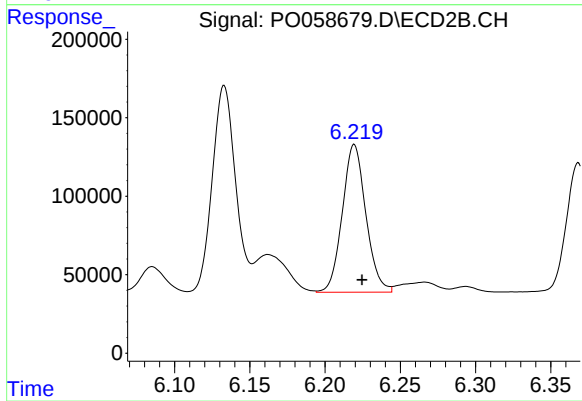
#31 AR-1260-1

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 1065194
Conc: 447.55 ng/ml



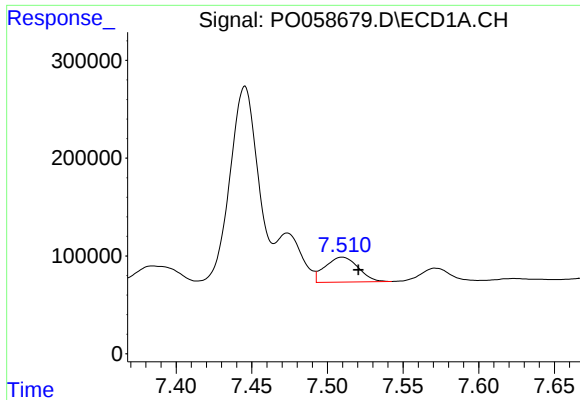
#32 AR-1260-2

R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 1616484
Conc: 388.57 ng/ml



#32 AR-1260-2

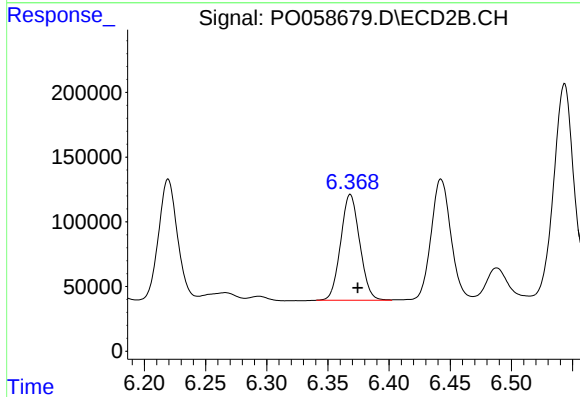
R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 1026247
Conc: 338.77 ng/ml



#33 AR-1260-3

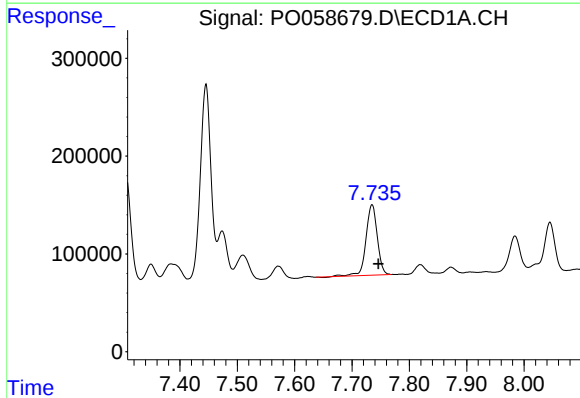
R.T.: 7.510 min
Delta R.T.: -0.011 min
Response: 388383
Conc: 104.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



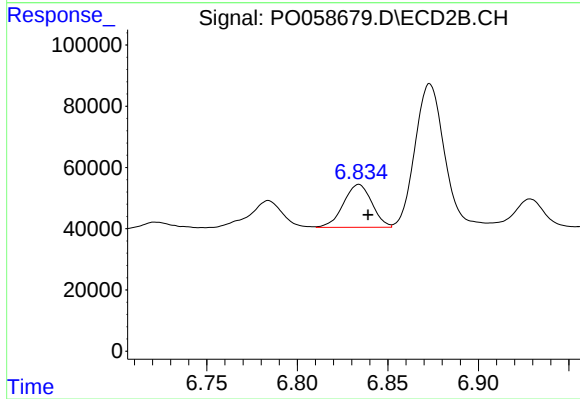
#33 AR-1260-3

R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 885342
Conc: 327.92 ng/ml



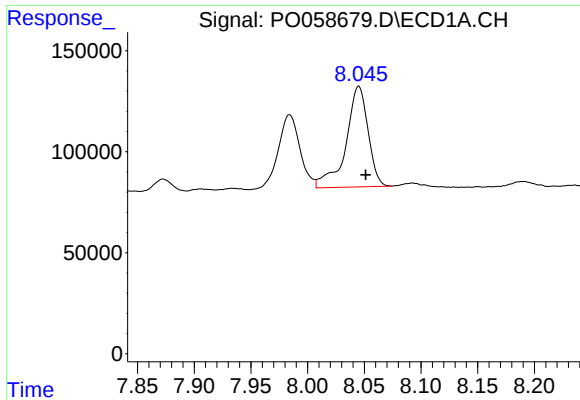
#34 AR-1260-4

R.T.: 7.735 min
Delta R.T.: -0.011 min
Response: 995764
Conc: 292.20 ng/ml



#34 AR-1260-4

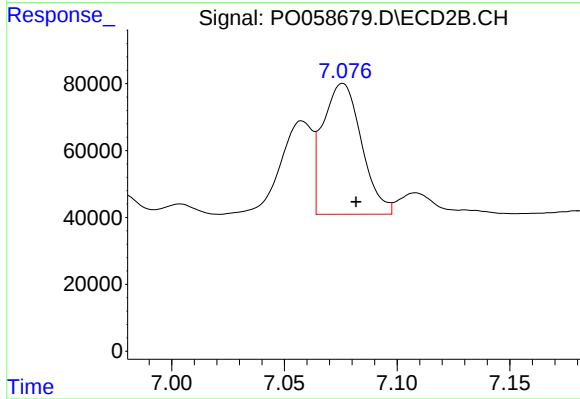
R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 153085
Conc: 67.75 ng/ml



#35 AR-1260-5

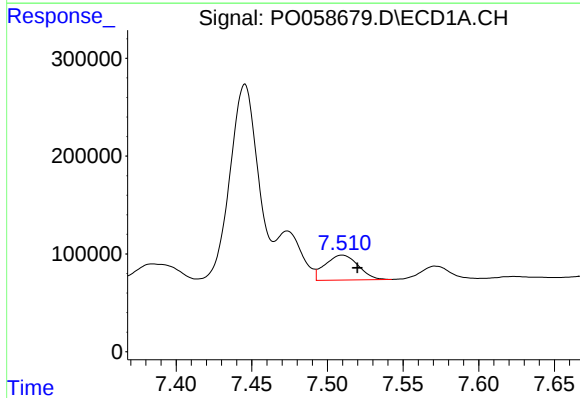
R.T.: 8.045 min
Delta R.T.: -0.006 min
Response: 678049
Conc: 92.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



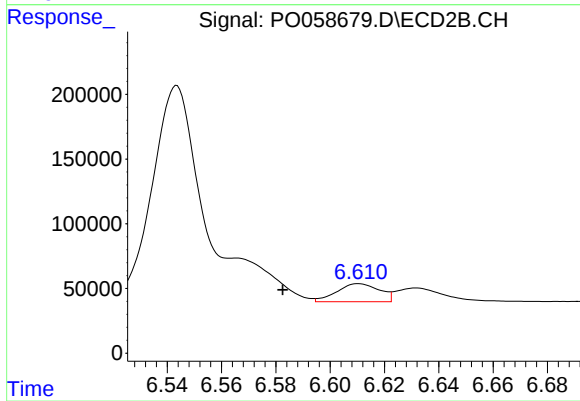
#35 AR-1260-5

R.T.: 7.076 min
Delta R.T.: -0.006 min
Response: 466655
Conc: 86.65 ng/ml



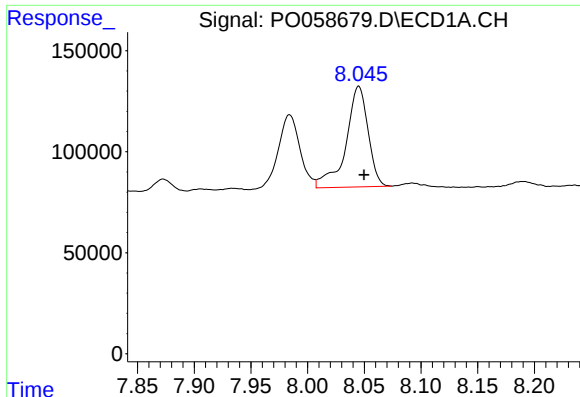
#36 AR-1262-1

R.T.: 7.510 min
Delta R.T.: -0.010 min
Response: 388383
Conc: 77.06 ng/ml



#36 AR-1262-1

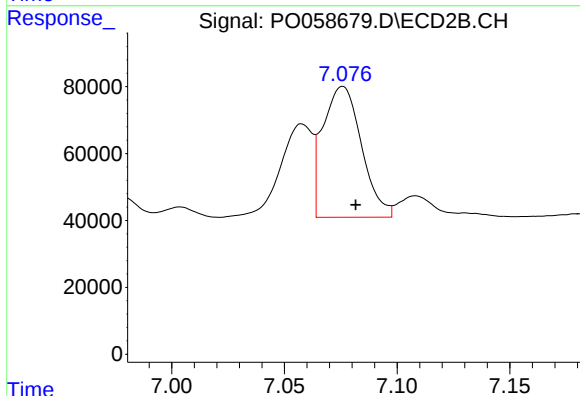
R.T.: 6.611 min
Delta R.T.: 0.028 min
Response: 152313
Conc: 42.64 ng/ml



#37 AR-1262-2

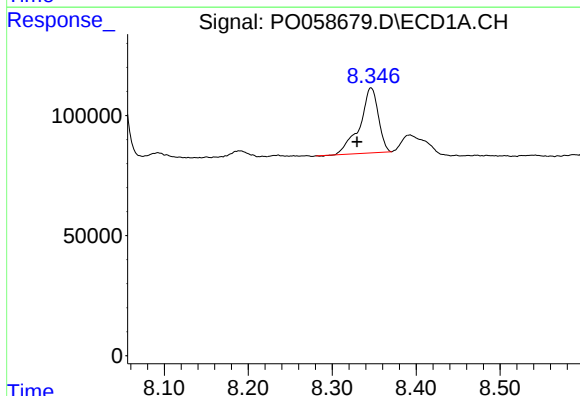
R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 678049
Conc: 85.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



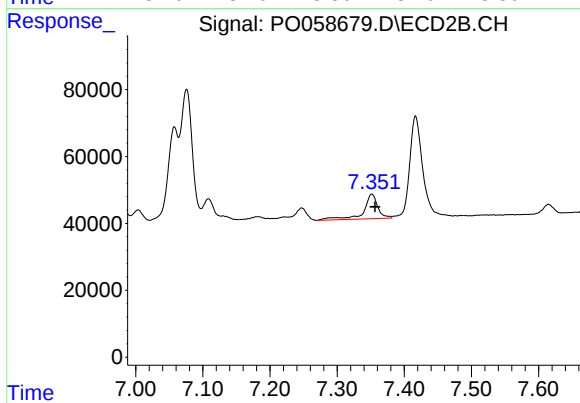
#37 AR-1262-2

R.T.: 7.076 min
Delta R.T.: -0.006 min
Response: 466655
Conc: 82.65 ng/ml



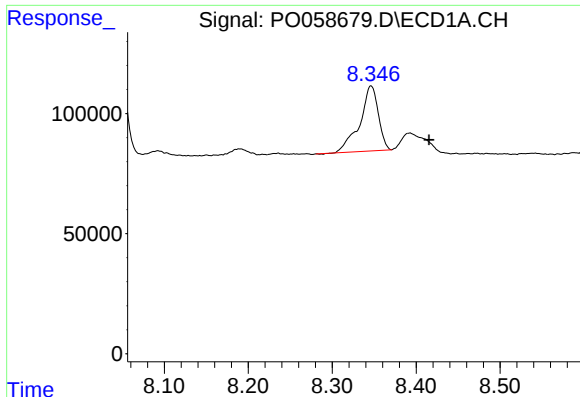
#38 AR-1262-3

R.T.: 8.346 min
Delta R.T.: 0.017 min
Response: 413999
Conc: 81.44 ng/ml



#38 AR-1262-3

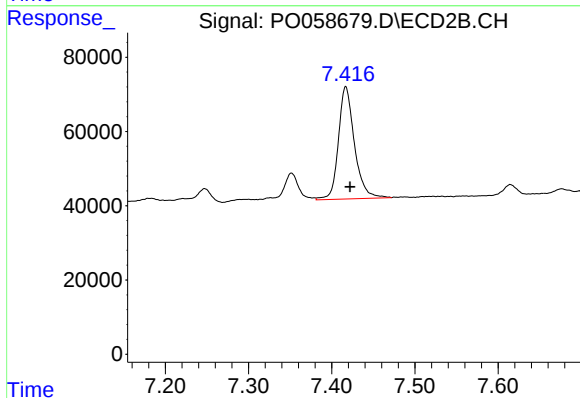
R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 109053
Conc: 44.19 ng/ml



#39 AR-1262-4

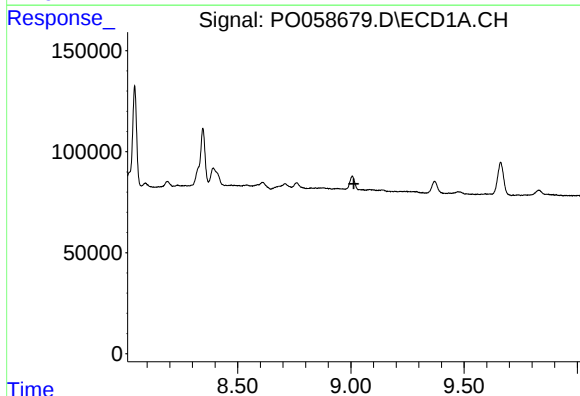
R.T.: 8.346 min
Delta R.T.: -0.069 min
Response: 413999
Conc: 109.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



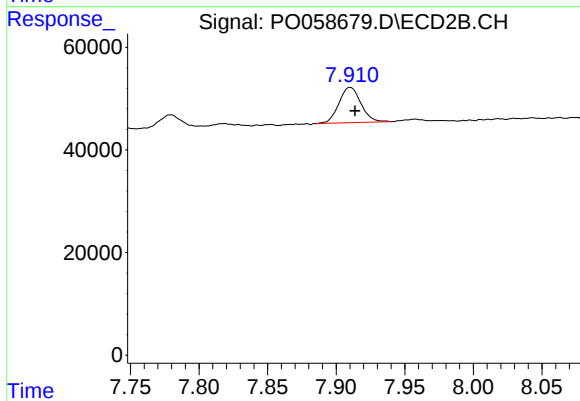
#39 AR-1262-4

R.T.: 7.417 min
Delta R.T.: -0.005 min
Response: 404773
Conc: 95.33 ng/ml



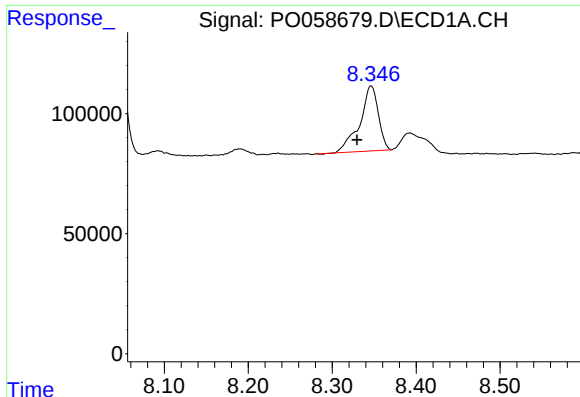
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.013 min
Response: 0
Conc: N.D.



#40 AR-1262-5

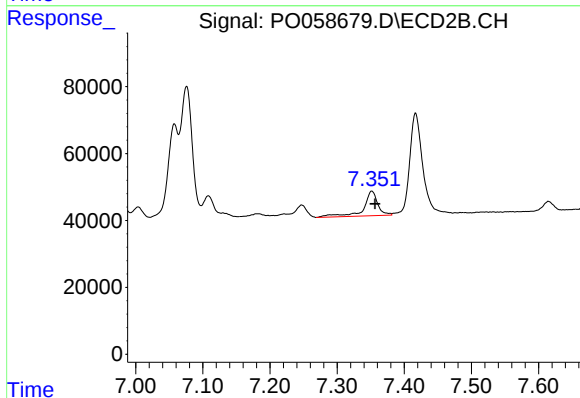
R.T.: 7.910 min
Delta R.T.: -0.004 min
Response: 77154
Conc: 45.37 ng/ml



#41 AR-1268-1

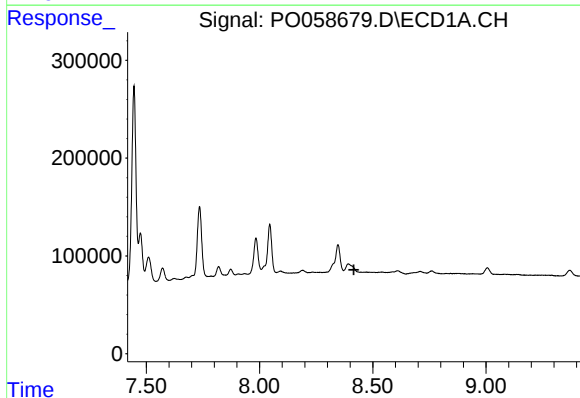
R.T.: 8.346 min
Delta R.T.: 0.017 min
Response: 413999
Conc: 37.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-6DL



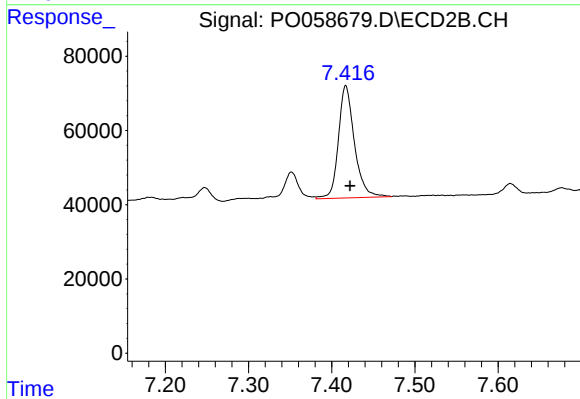
#41 AR-1268-1

R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 109053
Conc: 13.39 ng/ml



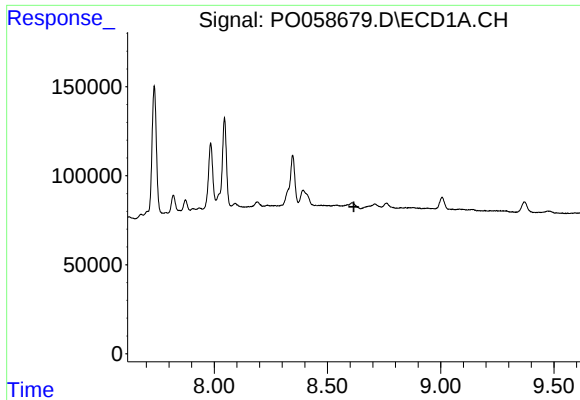
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.417 min
Response: 0
Conc: N.D.



#42 AR-1268-2

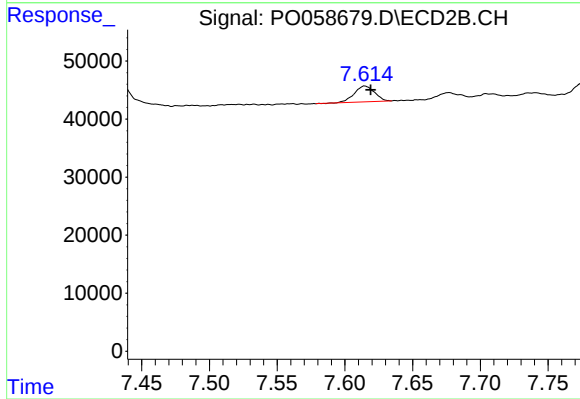
R.T.: 7.417 min
Delta R.T.: -0.005 min
Response: 404773
Conc: 53.42 ng/ml



#43 AR-1268-3

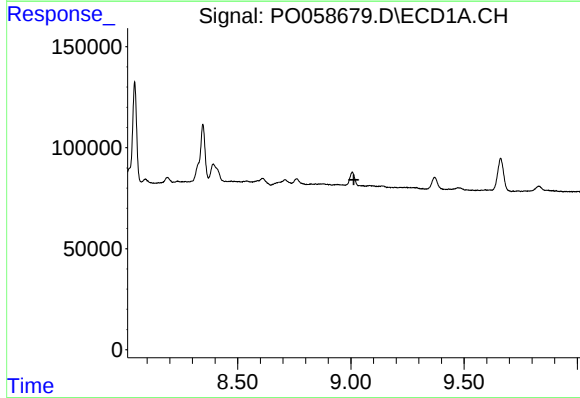
R.T.: 0.000 min
Exp R.T.: 8.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-6DL



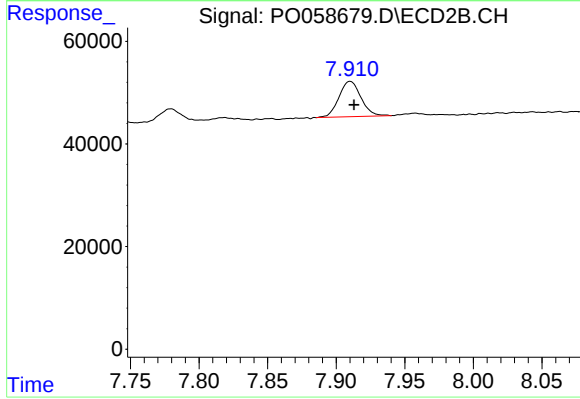
#43 AR-1268-3

R.T.: 7.615 min
Delta R.T.: -0.004 min
Response: 28319
Conc: 4.43 ng/ml



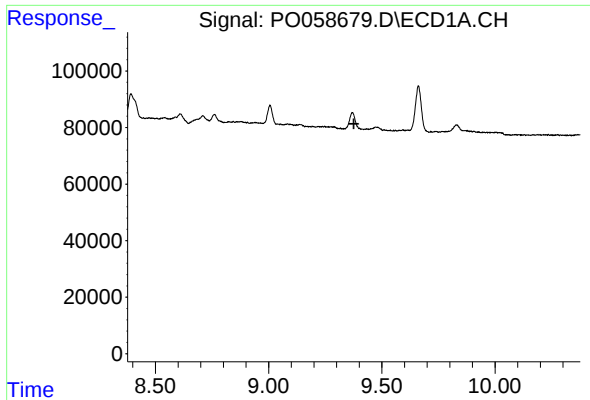
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.014 min
Response: 0
Conc: N.D.



#44 AR-1268-4

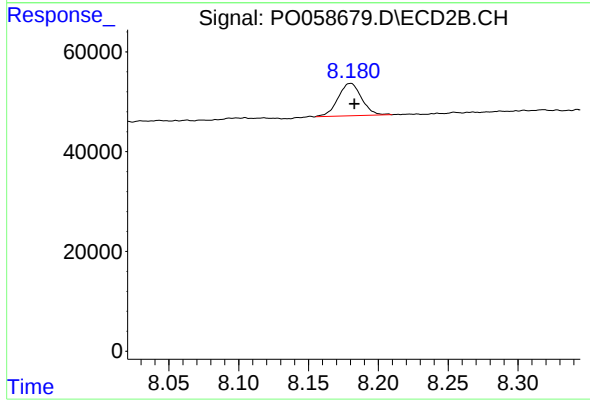
R.T.: 7.910 min
Delta R.T.: -0.003 min
Response: 77154
Conc: 33.25 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_O
ClientSampleId :
SP-6DL



#45 AR-1268-5

R.T.: 8.180 min
Delta R.T.: -0.003 min
Response: 75968
Conc: 4.43 ng/ml