

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062019\
 Data File : P0057296.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jun 2019 10:19
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 10:37:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.234	3.559	1973358	1721335	51.546	52.196
2)	SA Decachlor...	9.791	8.483	2641520	1696437	53.816	47.577
Target Compounds							
3)	L1 AR-1016-1	5.416	4.643	1317122	959764	732.295	762.634
4)	L1 AR-1016-2	5.416	4.672	1317122	82048	524.525	45.541 #
5)	L1 AR-1016-3	5.477	4.817	810143	531457	504.041	539.033
6)	L1 AR-1016-4	5.575	4.858	668283	436949	509.440	527.817
7)	L1 AR-1016-5	5.865	5.107	687727	59546	497.773	55.509 #
8)	L2 AR-1221-1	0.000	3.767	0	56409	N.D.	111.228 #
9)	L2 AR-1221-2	4.607	3.853	401737	82410	842.044	218.670 #
10)	L2 AR-1221-3	4.607	3.927	401737	322369	271.798	269.302
11)	L3 AR-1232-1	4.607	3.927	401737	322369	340.921	358.841
12)	L3 AR-1232-2	5.129	4.672	598130	82048	902.103	84.422 #
13)	L3 AR-1232-3	5.416	4.817	1317122	531457	928.433	1015.602
14)	L3 AR-1232-4	5.575	4.929	668283	184145	949.364	373.756 #
15)	L3 AR-1232-5	5.708	5.107	401729	59546	710.536	105.717 #
16)	L4 AR-1242-1	5.416	4.643	1317122	959764	763.463	774.890
17)	L4 AR-1242-2	5.416	4.672	1317122	82048	518.803	45.622 #
18)	L4 AR-1242-3	5.477	4.817	810143	531457	498.238	540.590
19)	L4 AR-1242-4	5.575	4.929	668283	184145	499.941	189.236 #
20)	L4 AR-1242-5	0.000	5.415	0	431802	N.D.	365.231 #
21)	L5 AR-1248-1	5.416	4.643	1317122	959764	1022.202	1024.822
22)	L5 AR-1248-2	5.708	4.858	401729	436949	215.648	343.934 #
23)	L5 AR-1248-3	5.865	4.929	687727	184145	335.255	141.010 #
24)	L5 AR-1248-4	0.000	5.107	0	59546	N.D.	37.601 #
25)	L5 AR-1248-5	0.000	5.455	0	69456	N.D.	41.966 #
26)	L6 AR-1254-1	0.000	5.415	0	431802	N.D.	163.269 #
27)	L6 AR-1254-2	6.455	5.561	569741	245056	146.686	113.673
28)	L6 AR-1254-3	6.820	5.974	348421	799539	84.499	218.390 #
29)	L6 AR-1254-4	0.000	6.215	0	255111	N.D.	116.122 #
30)	L6 AR-1254-5	7.520	6.635	2151953	1287010	571.471	405.966 #
31)	L7 AR-1260-1	6.981	6.087	1339040	1061452	521.803	530.625
32)	L7 AR-1260-2	7.281	6.275	487307	1367391	161.138	554.732 #
33)	L7 AR-1260-3	7.592	6.426	1414784	1225641	587.278	546.374
34)	L7 AR-1260-4	7.818	6.932	1424486	115550	543.861	62.090 #
35)	L7 AR-1260-5	8.125	7.136	2775242	2563563	580.341	594.473
36)	L8 AR-1262-1	7.592	6.635	1414784	1287010	302.502	308.336
37)	L8 AR-1262-2	8.125	7.136	2775242	2563563	364.023	373.119
38)	L8 AR-1262-3	8.432	7.413	1771331	625747	338.457	211.871 #
39)	L8 AR-1262-4	8.483	7.478	1208865	1782360	283.167	342.064
40)	L8 AR-1262-5	9.111	8.014	794111	50914	289.014	21.925 #
41)	L9 AR-1268-1	8.432	7.413	1771331	625747	217.675	83.823 #

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Acq On : 20 Jun 2019 10:19
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

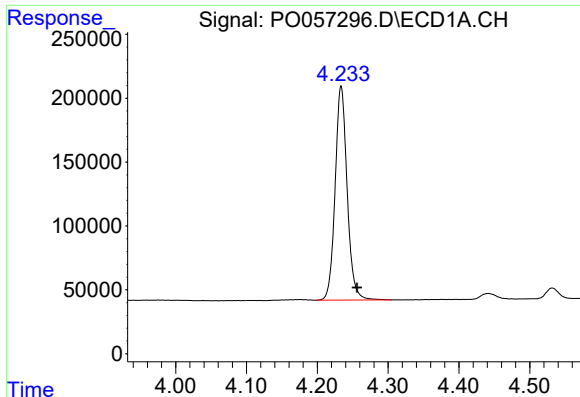
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 10:37:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 2019
Response via : Initial Calibration
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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
42)	L9 AR-1268-2	8.483	7.478	1208865	1782360	149.430	255.240 #
43)	L9 AR-1268-3	0.000	7.679	0	34926	N.D.	5.884 #
44)	L9 AR-1268-4	9.111	8.014	794111	50914	291.195	21.812 #
45)	L9 AR-1268-5	0.000	8.246	0	131119	N.D.	7.576 #

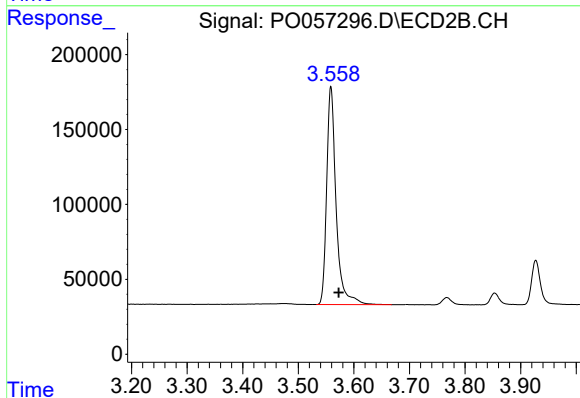
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

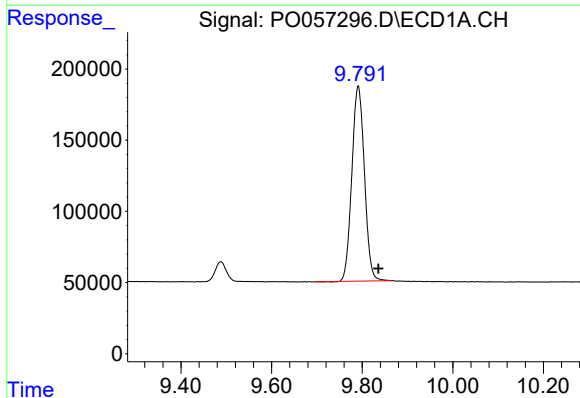
R.T.: 4.234 min
Delta R.T.: -0.022 min
Response: 1973358
Conc: 51.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



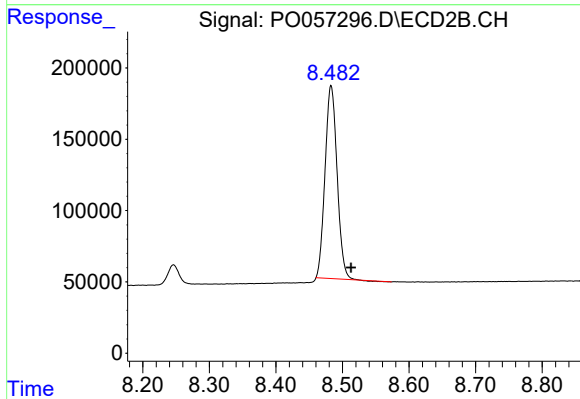
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: -0.014 min
Response: 1721335
Conc: 52.20 ng/ml



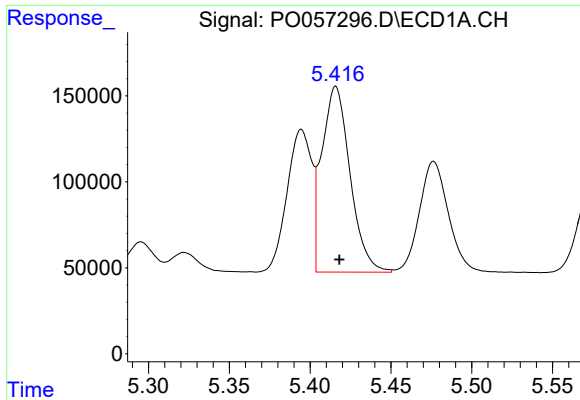
#2 Decachlorobiphenyl

R.T.: 9.791 min
Delta R.T.: -0.045 min
Response: 2641520
Conc: 53.82 ng/ml



#2 Decachlorobiphenyl

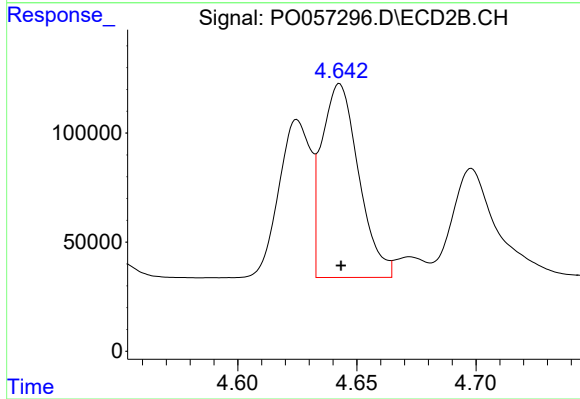
R.T.: 8.483 min
Delta R.T.: -0.030 min
Response: 1696437
Conc: 47.58 ng/ml



#3 AR-1016-1

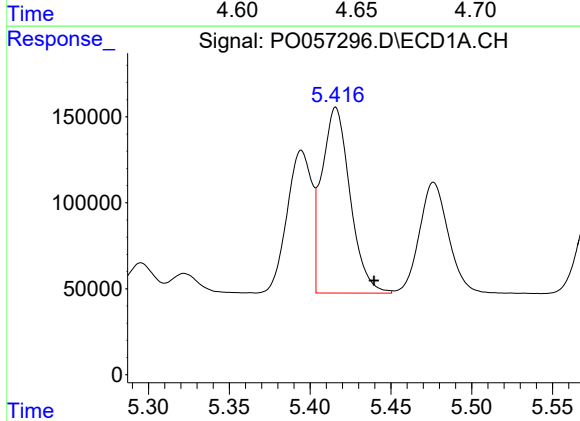
R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 1317122
Conc: 732.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



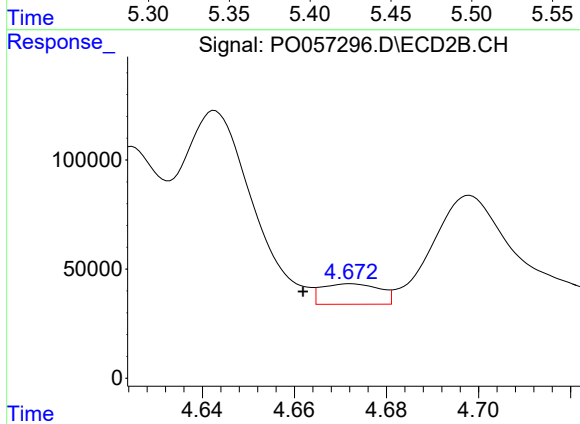
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 959764
Conc: 762.63 ng/ml



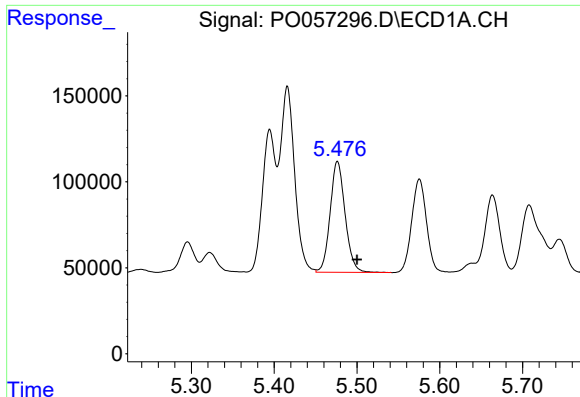
#4 AR-1016-2

R.T.: 5.416 min
Delta R.T.: -0.024 min
Response: 1317122
Conc: 524.53 ng/ml



#4 AR-1016-2

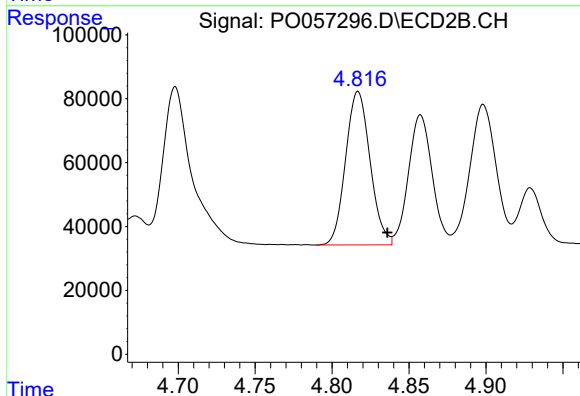
R.T.: 4.672 min
Delta R.T.: 0.010 min
Response: 82048
Conc: 45.54 ng/ml



#5 AR-1016-3

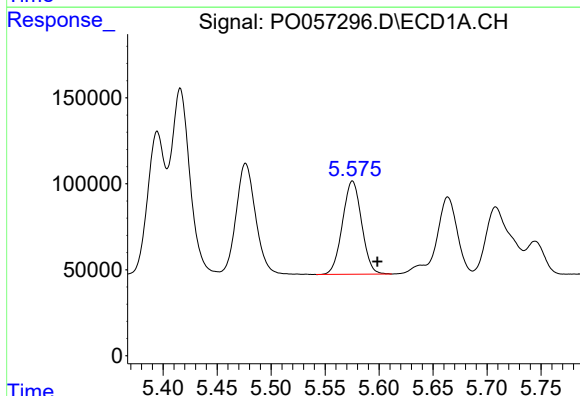
R.T.: 5.477 min
Delta R.T.: -0.024 min
Response: 810143
Conc: 504.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



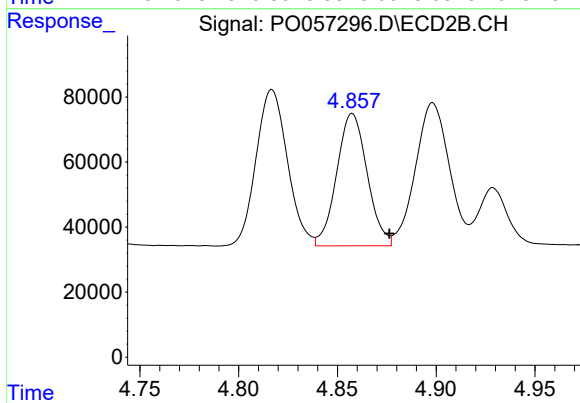
#5 AR-1016-3

R.T.: 4.817 min
Delta R.T.: -0.019 min
Response: 531457
Conc: 539.03 ng/ml



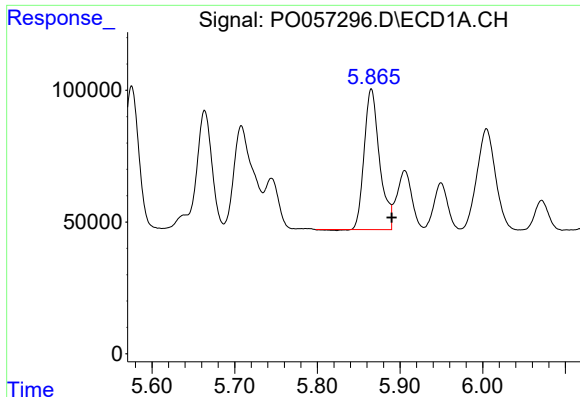
#6 AR-1016-4

R.T.: 5.575 min
Delta R.T.: -0.023 min
Response: 668283
Conc: 509.44 ng/ml



#6 AR-1016-4

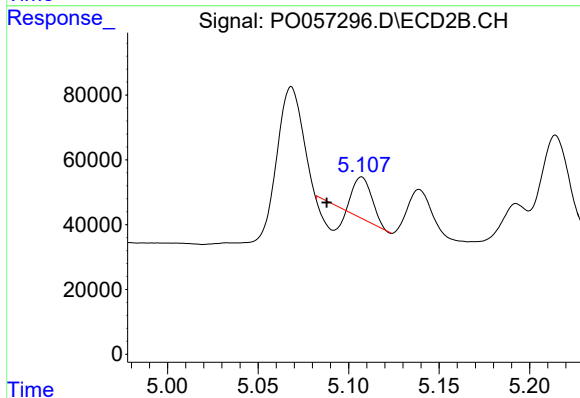
R.T.: 4.858 min
Delta R.T.: -0.019 min
Response: 436949
Conc: 527.82 ng/ml



#7 AR-1016-5

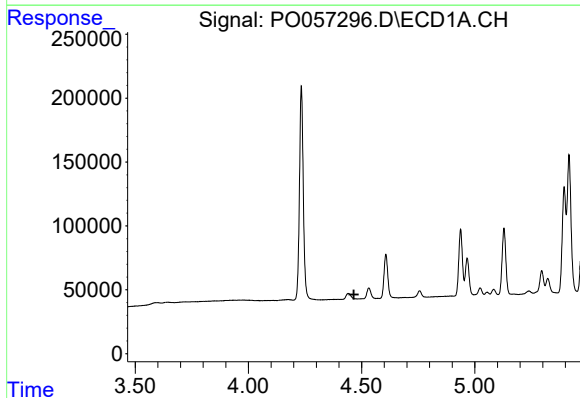
R.T.: 5.865 min
Delta R.T.: -0.025 min
Response: 687727
Conc: 497.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



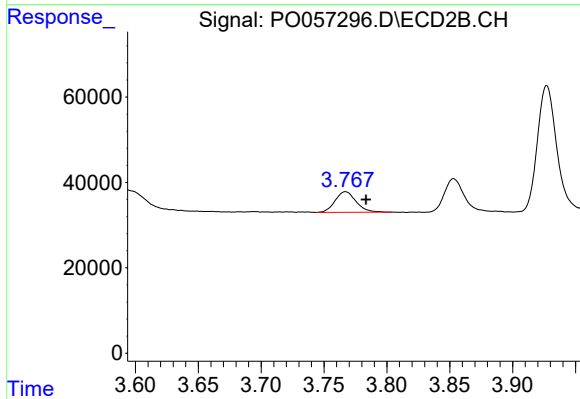
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: 0.019 min
Response: 59546
Conc: 55.51 ng/ml



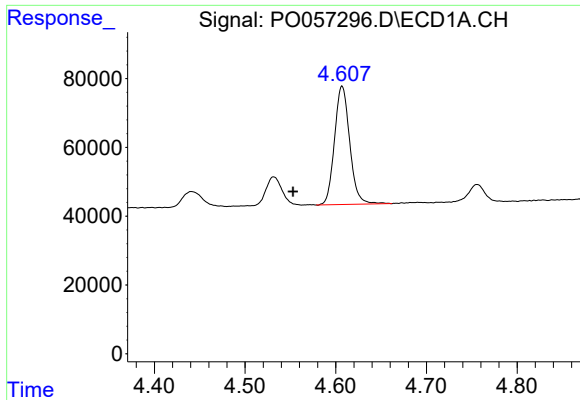
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

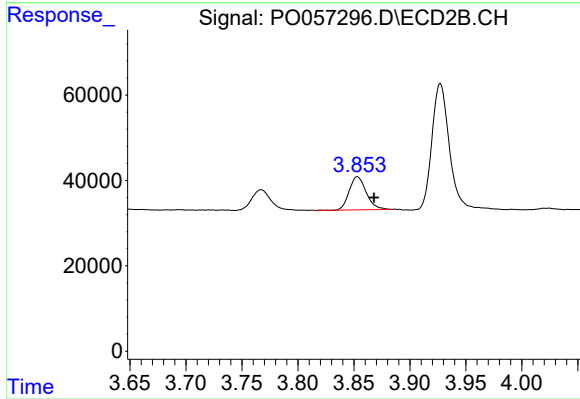
R.T.: 3.767 min
Delta R.T.: -0.016 min
Response: 56409
Conc: 111.23 ng/ml



#9 AR-1221-2

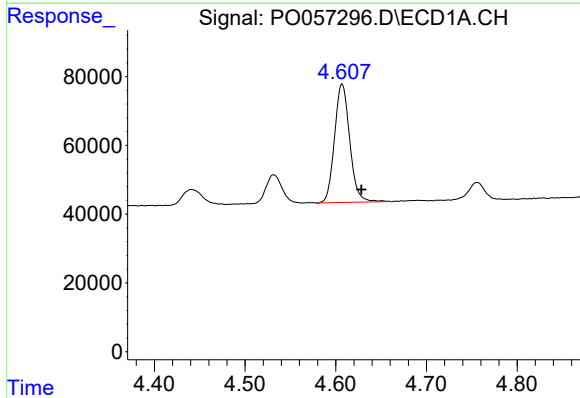
R.T.: 4.607 min
Delta R.T.: 0.054 min
Response: 401737
Conc: 842.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



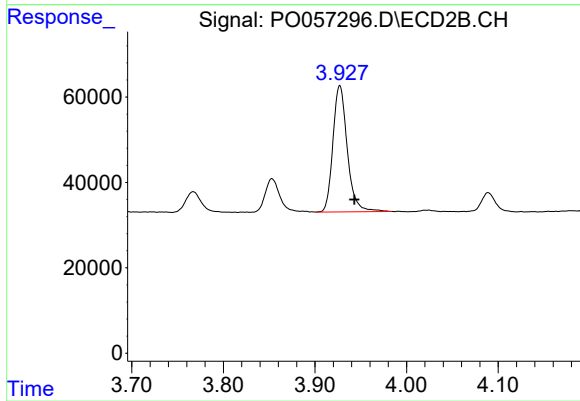
#9 AR-1221-2

R.T.: 3.853 min
Delta R.T.: -0.015 min
Response: 82410
Conc: 218.67 ng/ml



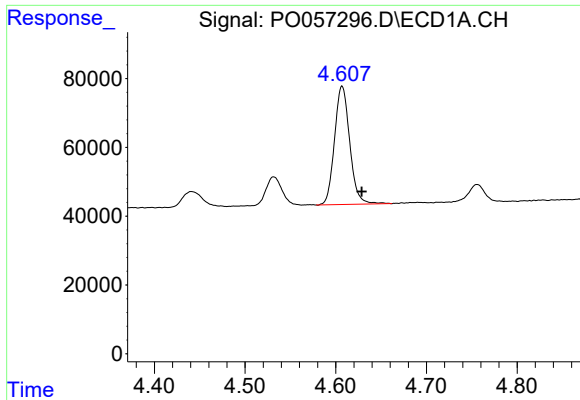
#10 AR-1221-3

R.T.: 4.607 min
Delta R.T.: -0.021 min
Response: 401737
Conc: 271.80 ng/ml



#10 AR-1221-3

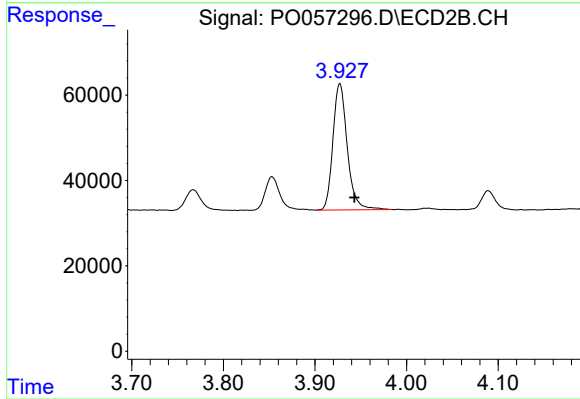
R.T.: 3.927 min
Delta R.T.: -0.016 min
Response: 322369
Conc: 269.30 ng/ml



#11 AR-1232-1

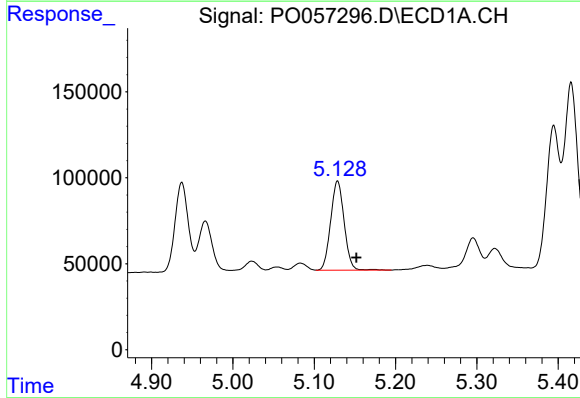
R.T.: 4.607 min
Delta R.T.: -0.022 min
Response: 401737
Conc: 340.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



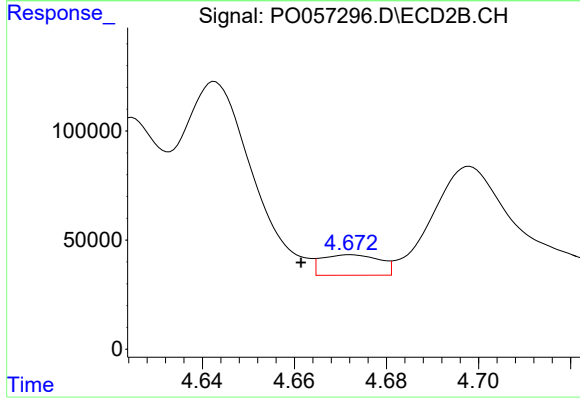
#11 AR-1232-1

R.T.: 3.927 min
Delta R.T.: -0.016 min
Response: 322369
Conc: 358.84 ng/ml



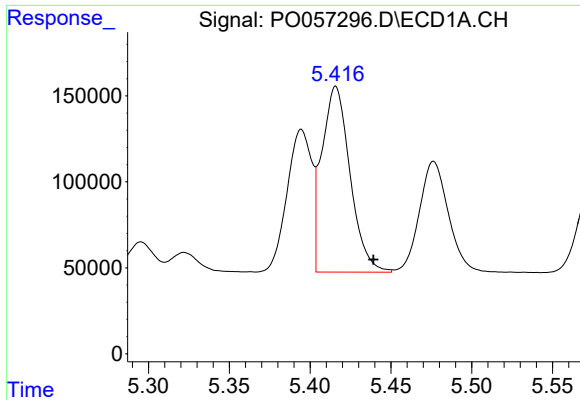
#12 AR-1232-2

R.T.: 5.129 min
Delta R.T.: -0.023 min
Response: 598130
Conc: 902.10 ng/ml



#12 AR-1232-2

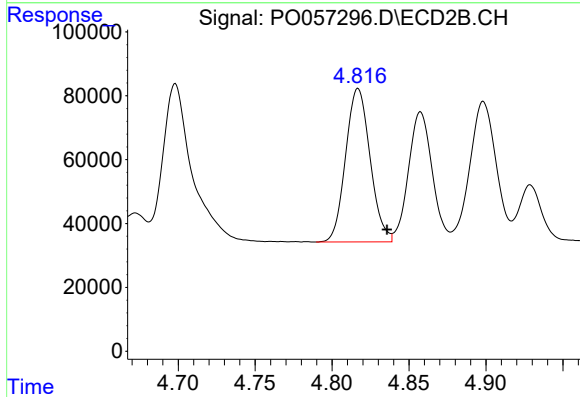
R.T.: 4.672 min
Delta R.T.: 0.011 min
Response: 82048
Conc: 84.42 ng/ml



#13 AR-1232-3

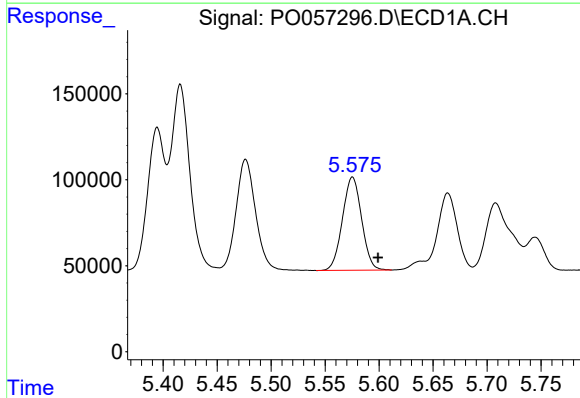
R.T.: 5.416 min
Delta R.T.: -0.023 min
Response: 1317122
Conc: 928.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



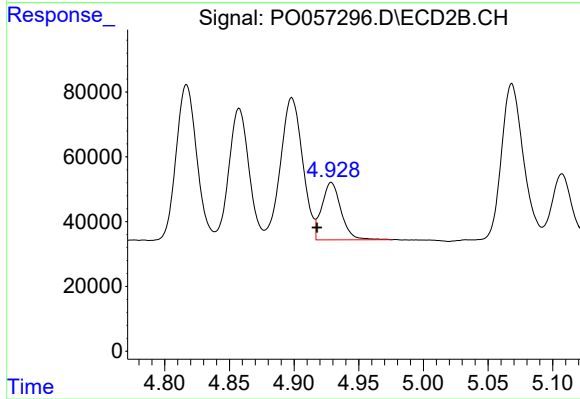
#13 AR-1232-3

R.T.: 4.817 min
Delta R.T.: -0.019 min
Response: 531457
Conc: 1015.60 ng/ml



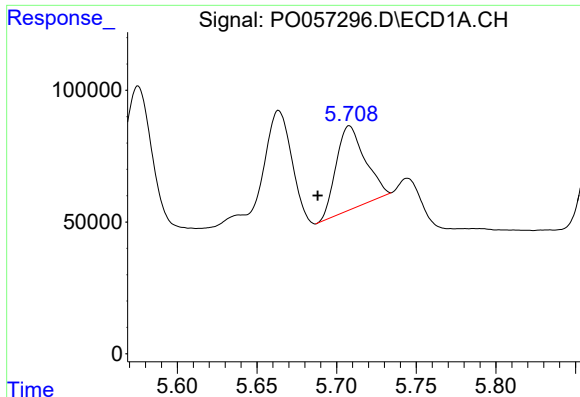
#14 AR-1232-4

R.T.: 5.575 min
Delta R.T.: -0.024 min
Response: 668283
Conc: 949.36 ng/ml



#14 AR-1232-4

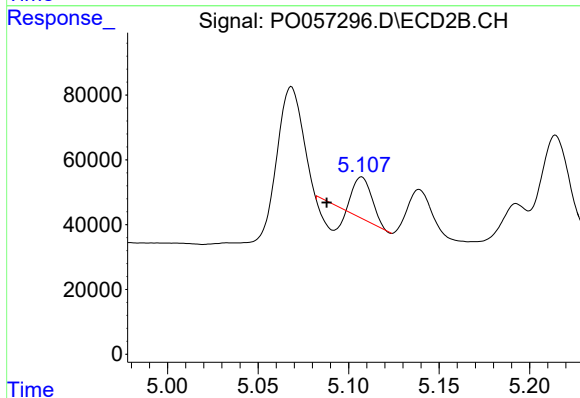
R.T.: 4.929 min
Delta R.T.: 0.011 min
Response: 184145
Conc: 373.76 ng/ml



#15 AR-1232-5

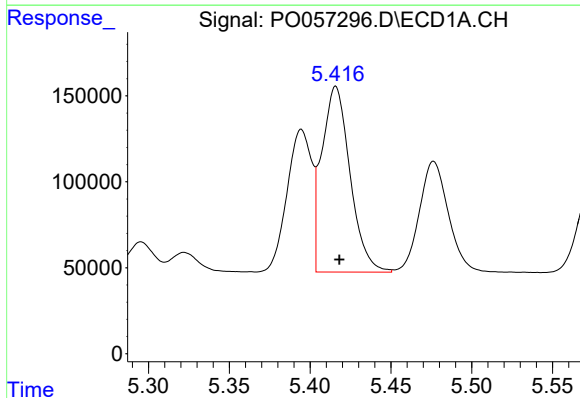
R.T.: 5.708 min
Delta R.T.: 0.020 min
Response: 401729
Conc: 710.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



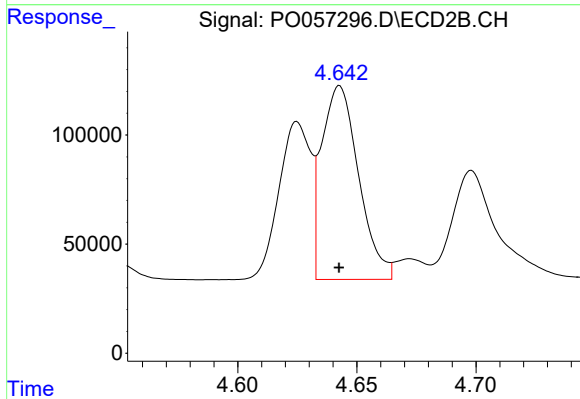
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: 0.019 min
Response: 59546
Conc: 105.72 ng/ml



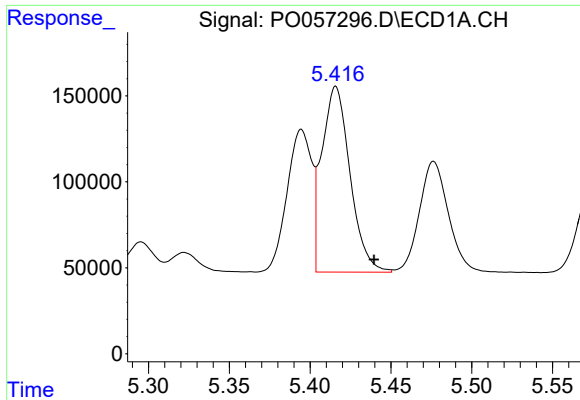
#16 AR-1242-1

R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 1317122
Conc: 763.46 ng/ml



#16 AR-1242-1

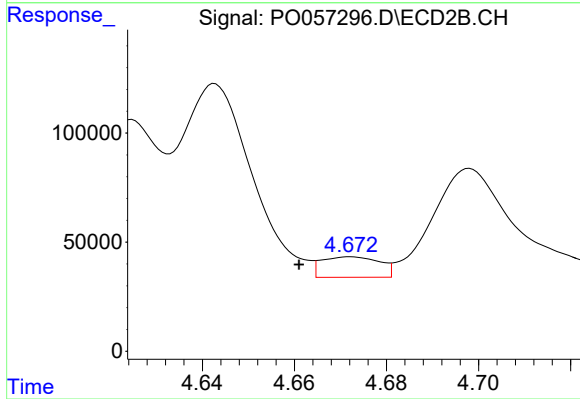
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 959764
Conc: 774.89 ng/ml



#17 AR-1242-2

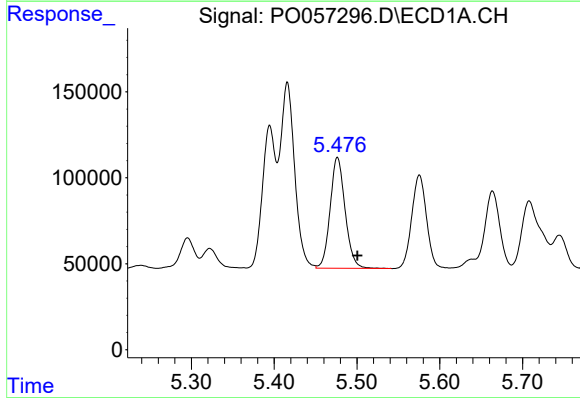
R.T.: 5.416 min
Delta R.T.: -0.024 min
Response: 1317122
Conc: 518.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



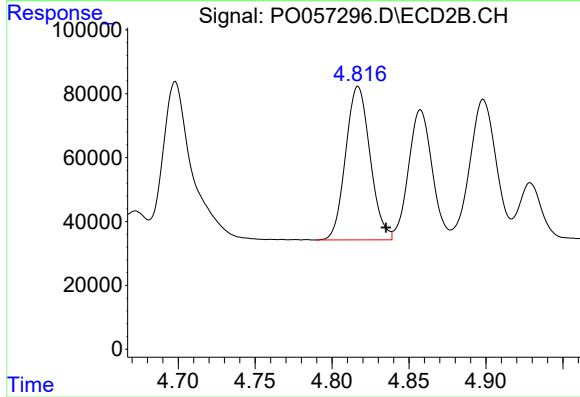
#17 AR-1242-2

R.T.: 4.672 min
Delta R.T.: 0.011 min
Response: 82048
Conc: 45.62 ng/ml



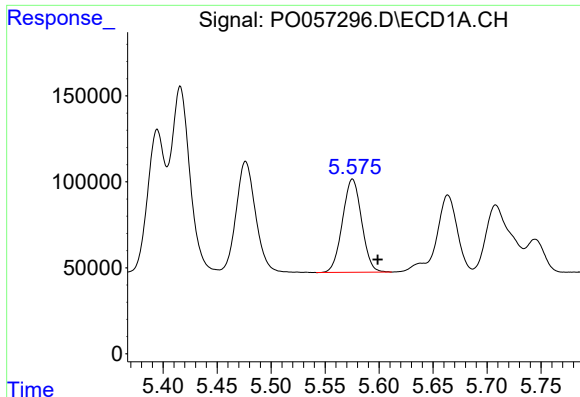
#18 AR-1242-3

R.T.: 5.477 min
Delta R.T.: -0.024 min
Response: 810143
Conc: 498.24 ng/ml



#18 AR-1242-3

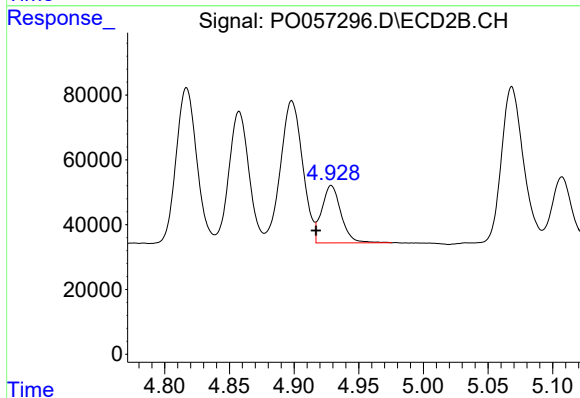
R.T.: 4.817 min
Delta R.T.: -0.018 min
Response: 531457
Conc: 540.59 ng/ml



#19 AR-1242-4

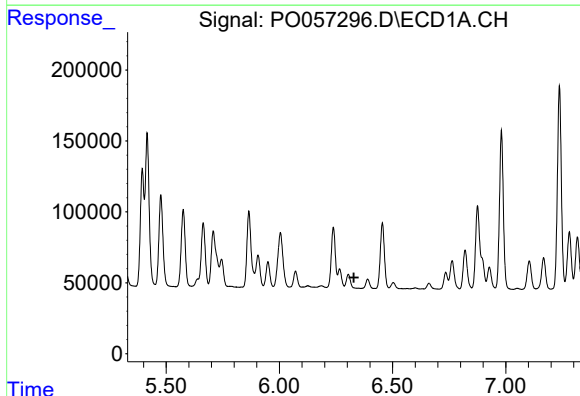
R.T.: 5.575 min
Delta R.T.: -0.023 min
Response: 668283
Conc: 499.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



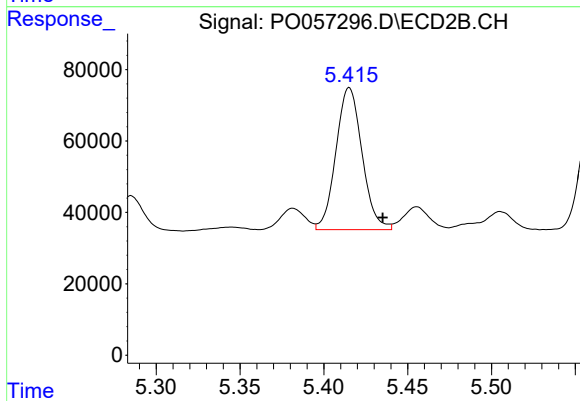
#19 AR-1242-4

R.T.: 4.929 min
Delta R.T.: 0.012 min
Response: 184145
Conc: 189.24 ng/ml



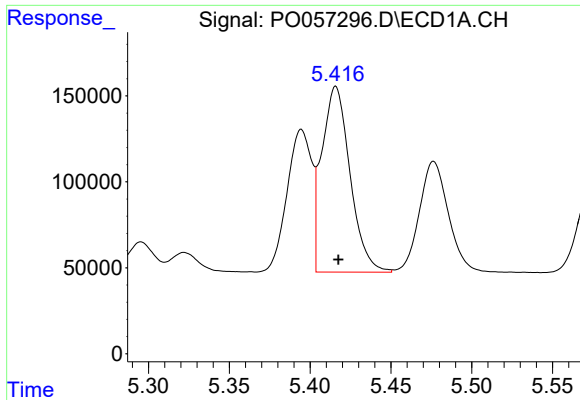
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#20 AR-1242-5

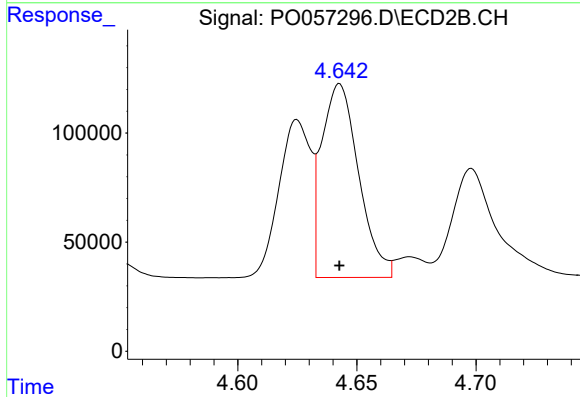
R.T.: 5.415 min
Delta R.T.: -0.020 min
Response: 431802
Conc: 365.23 ng/ml



#21 AR-1248-1

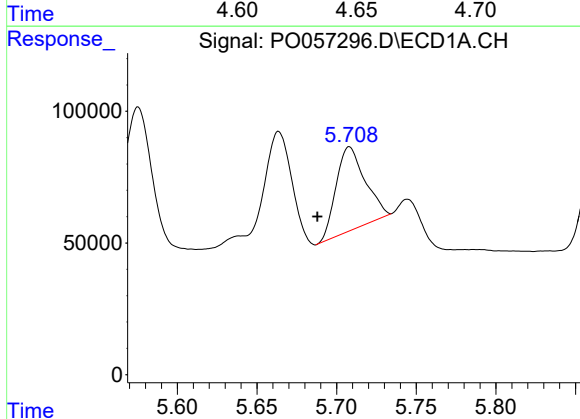
R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 1317122
Conc: 1022.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



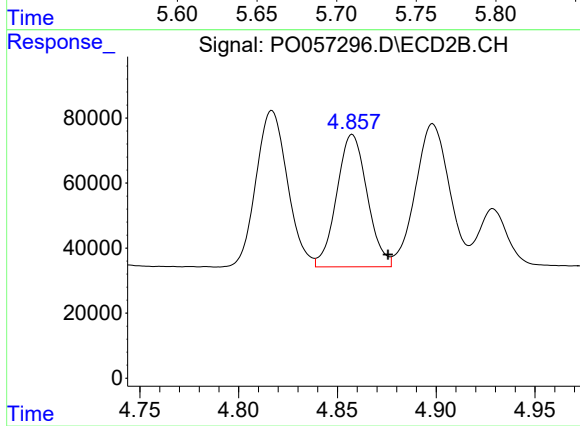
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 959764
Conc: 1024.82 ng/ml



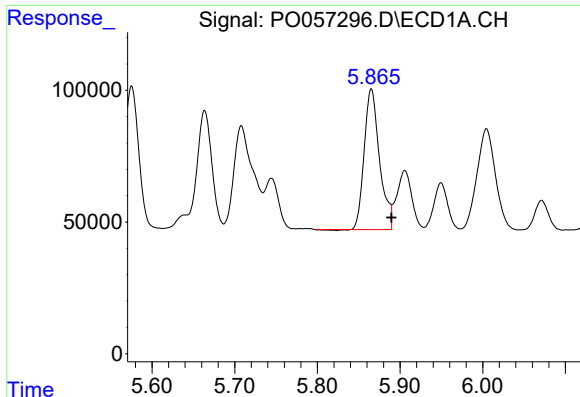
#22 AR-1248-2

R.T.: 5.708 min
Delta R.T.: 0.020 min
Response: 401729
Conc: 215.65 ng/ml



#22 AR-1248-2

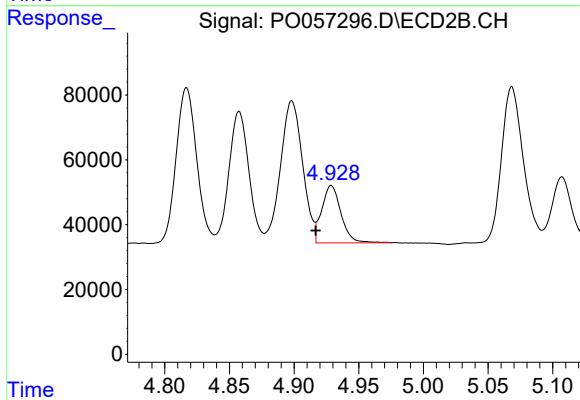
R.T.: 4.858 min
Delta R.T.: -0.018 min
Response: 436949
Conc: 343.93 ng/ml



#23 AR-1248-3

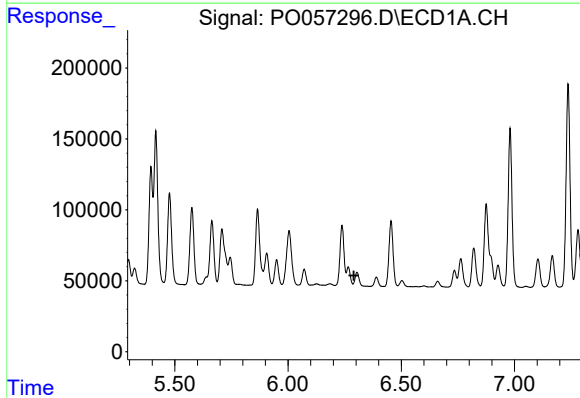
R.T.: 5.865 min
Delta R.T.: -0.024 min
Response: 687727
Conc: 335.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



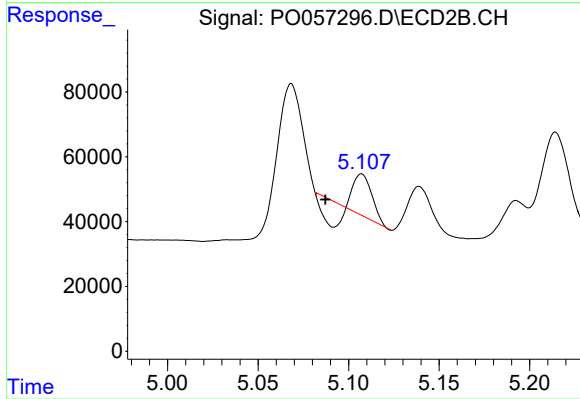
#23 AR-1248-3

R.T.: 4.929 min
Delta R.T.: 0.012 min
Response: 184145
Conc: 141.01 ng/ml



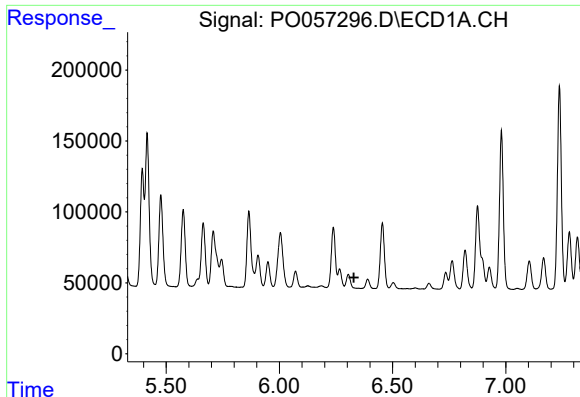
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.



#24 AR-1248-4

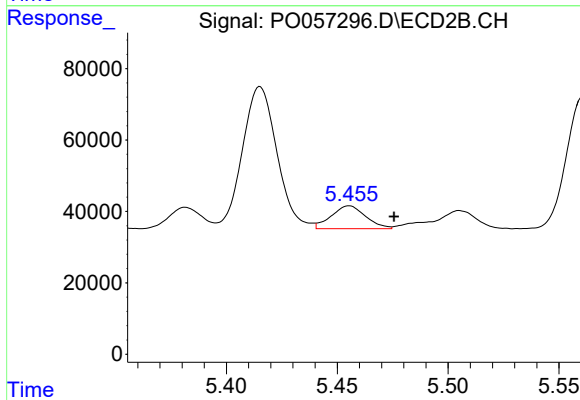
R.T.: 5.107 min
Delta R.T.: 0.020 min
Response: 59546
Conc: 37.60 ng/ml



#25 AR-1248-5

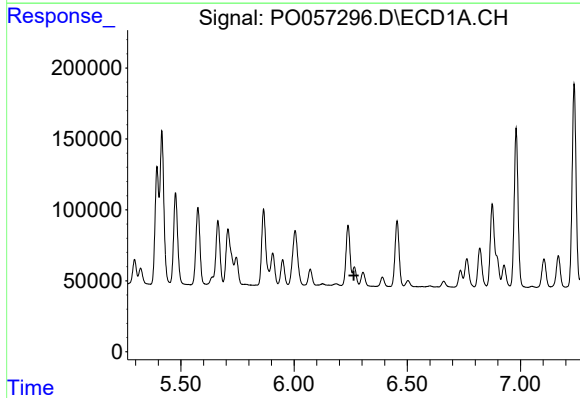
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



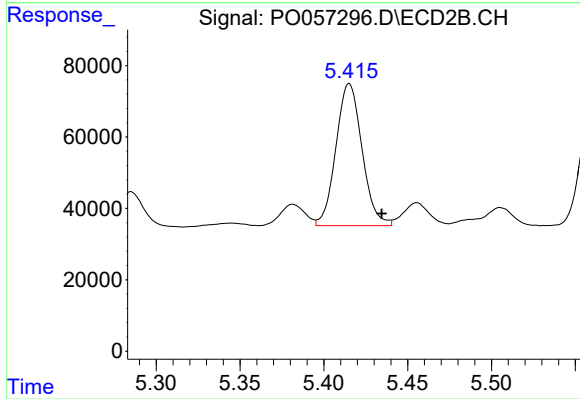
#25 AR-1248-5

R.T.: 5.455 min
Delta R.T.: -0.020 min
Response: 69456
Conc: 41.97 ng/ml



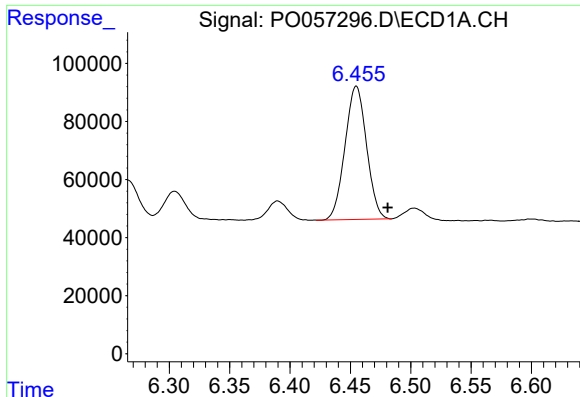
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.264 min
Response: 0
Conc: N.D.



#26 AR-1254-1

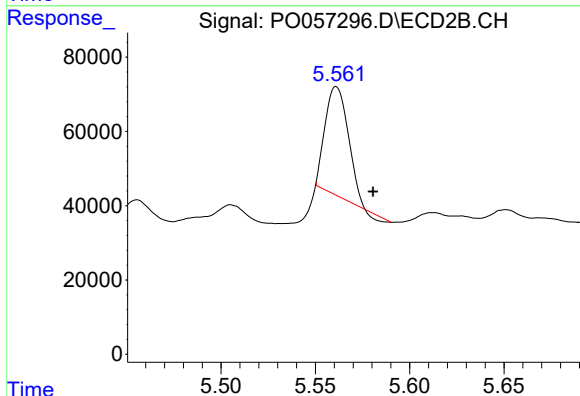
R.T.: 5.415 min
Delta R.T.: -0.019 min
Response: 431802
Conc: 163.27 ng/ml



#27 AR-1254-2

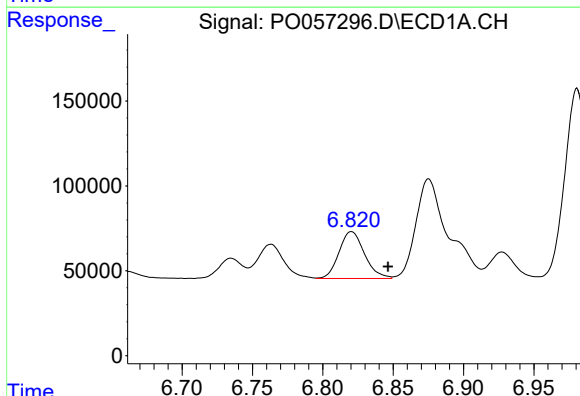
R.T.: 6.455 min
Delta R.T.: -0.026 min
Response: 569741
Conc: 146.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



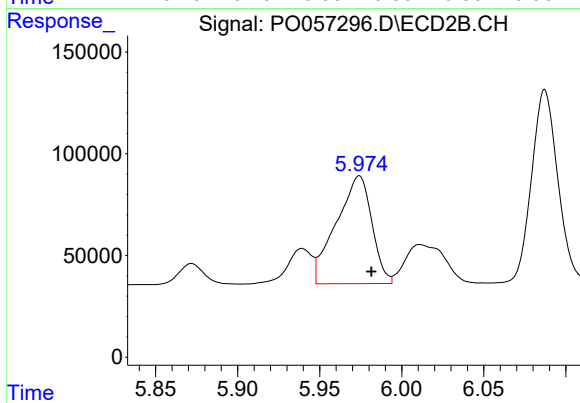
#27 AR-1254-2

R.T.: 5.561 min
Delta R.T.: -0.019 min
Response: 245056
Conc: 113.67 ng/ml



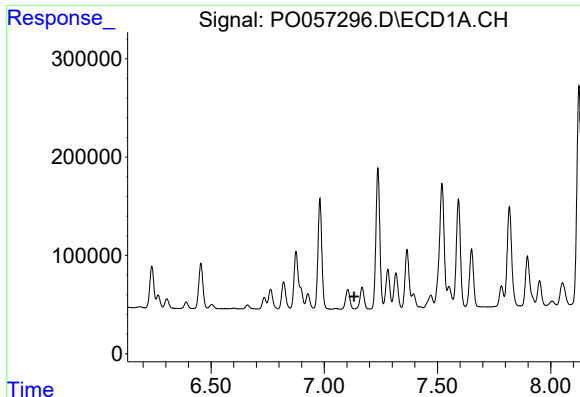
#28 AR-1254-3

R.T.: 6.820 min
Delta R.T.: -0.026 min
Response: 348421
Conc: 84.50 ng/ml



#28 AR-1254-3

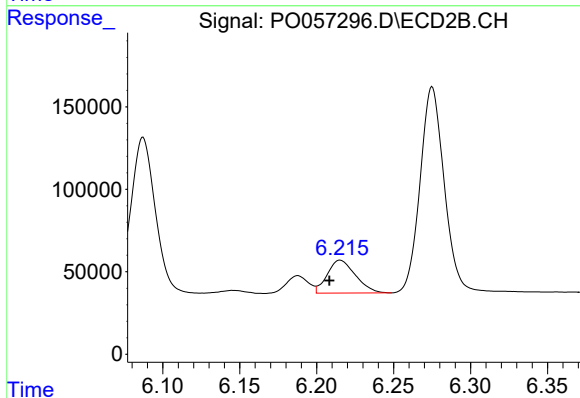
R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 799539
Conc: 218.39 ng/ml



#29 AR-1254-4

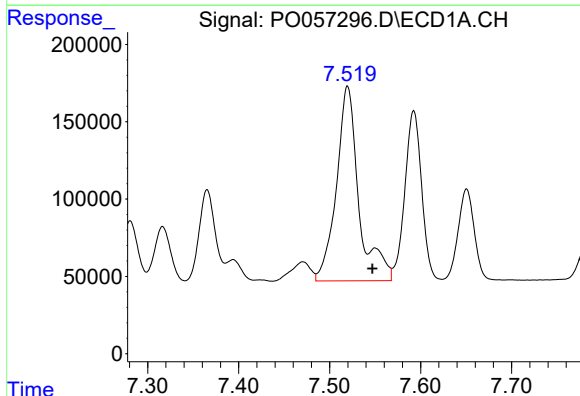
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



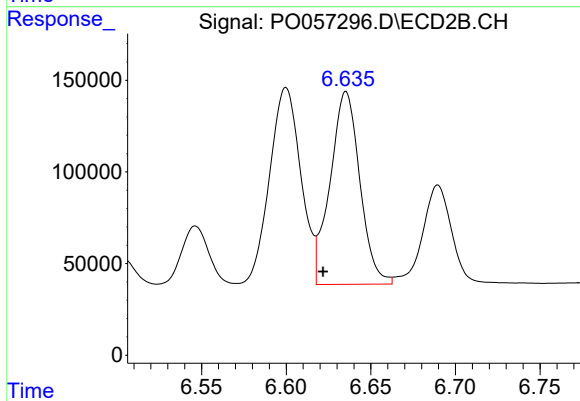
#29 AR-1254-4

R.T.: 6.215 min
Delta R.T.: 0.007 min
Response: 255111
Conc: 116.12 ng/ml



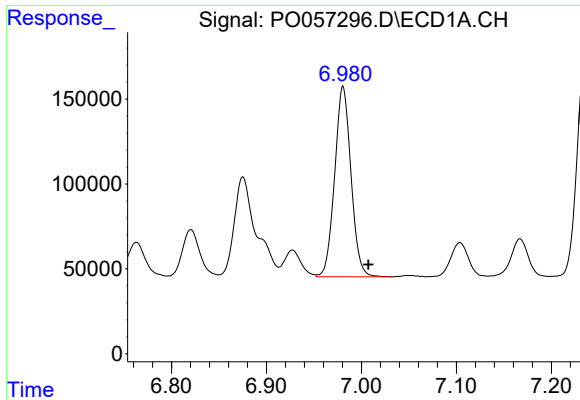
#30 AR-1254-5

R.T.: 7.520 min
Delta R.T.: -0.027 min
Response: 2151953
Conc: 571.47 ng/ml



#30 AR-1254-5

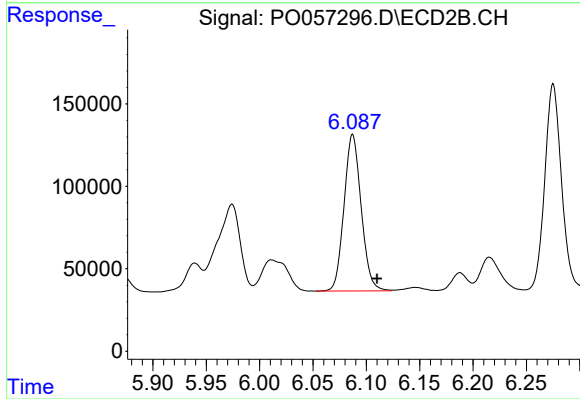
R.T.: 6.635 min
Delta R.T.: 0.013 min
Response: 1287010
Conc: 405.97 ng/ml



#31 AR-1260-1

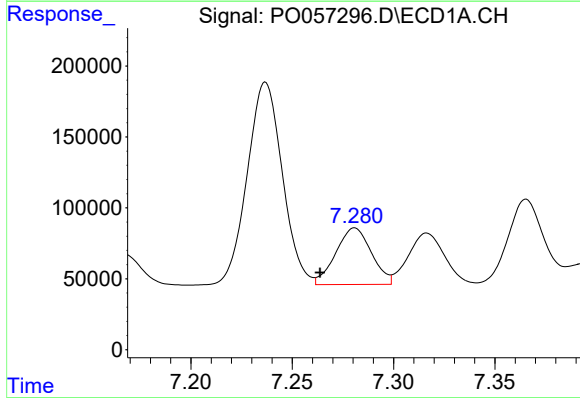
R.T.: 6.981 min
Delta R.T.: -0.027 min
Response: 1339040
Conc: 521.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



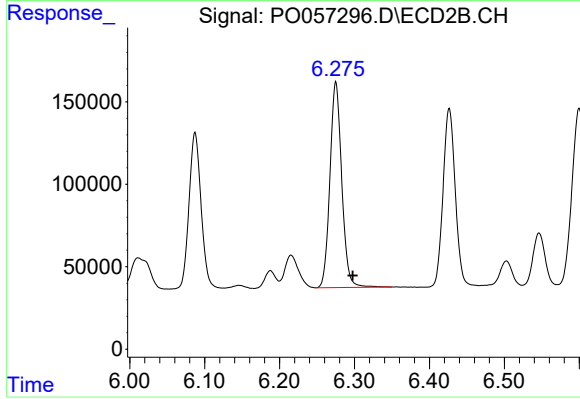
#31 AR-1260-1

R.T.: 6.087 min
Delta R.T.: -0.023 min
Response: 1061452
Conc: 530.62 ng/ml



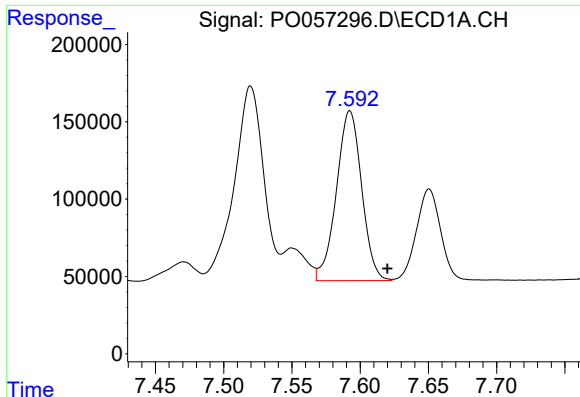
#32 AR-1260-2

R.T.: 7.281 min
Delta R.T.: 0.017 min
Response: 487307
Conc: 161.14 ng/ml



#32 AR-1260-2

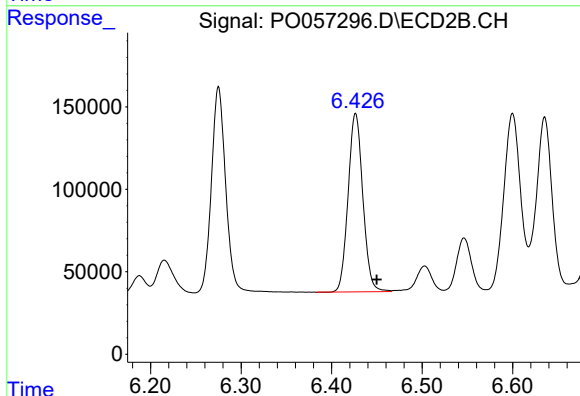
R.T.: 6.275 min
Delta R.T.: -0.022 min
Response: 1367391
Conc: 554.73 ng/ml



#33 AR-1260-3

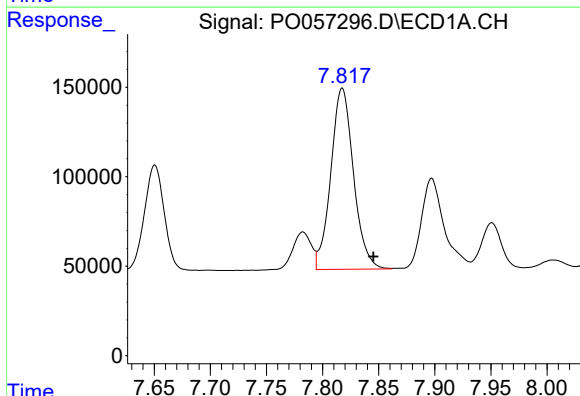
R.T.: 7.592 min
Delta R.T.: -0.028 min
Response: 1414784
Conc: 587.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



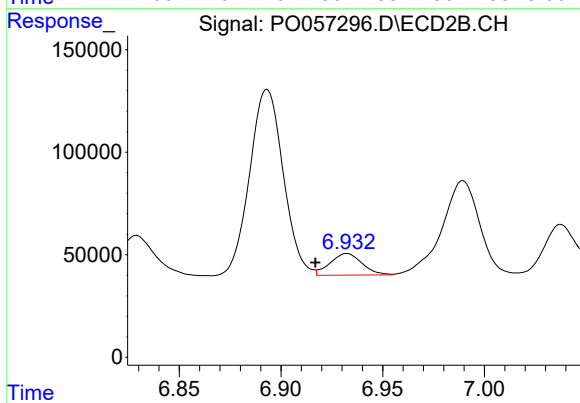
#33 AR-1260-3

R.T.: 6.426 min
Delta R.T.: -0.023 min
Response: 1225641
Conc: 546.37 ng/ml



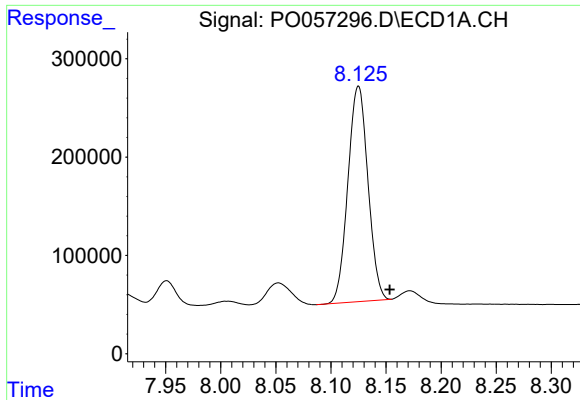
#34 AR-1260-4

R.T.: 7.818 min
Delta R.T.: -0.028 min
Response: 1424486
Conc: 543.86 ng/ml



#34 AR-1260-4

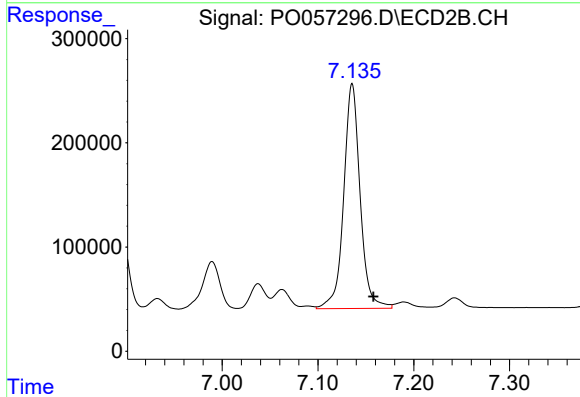
R.T.: 6.932 min
Delta R.T.: 0.016 min
Response: 115550
Conc: 62.09 ng/ml



#35 AR-1260-5

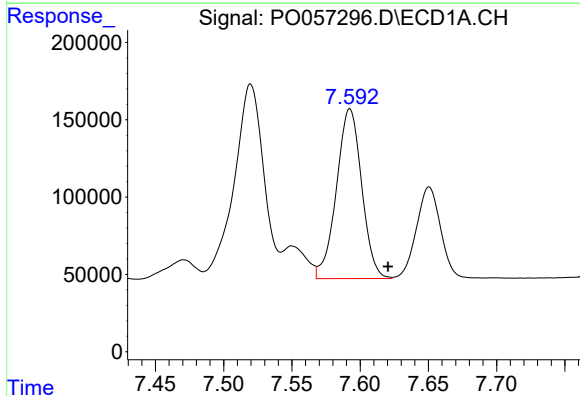
R.T.: 8.125 min
Delta R.T.: -0.028 min
Response: 2775242
Conc: 580.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



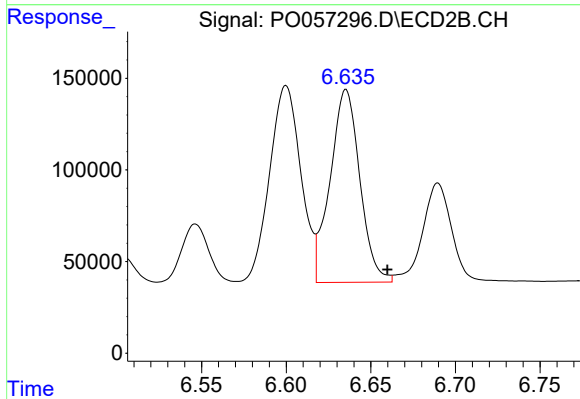
#35 AR-1260-5

R.T.: 7.136 min
Delta R.T.: -0.022 min
Response: 2563563
Conc: 594.47 ng/ml



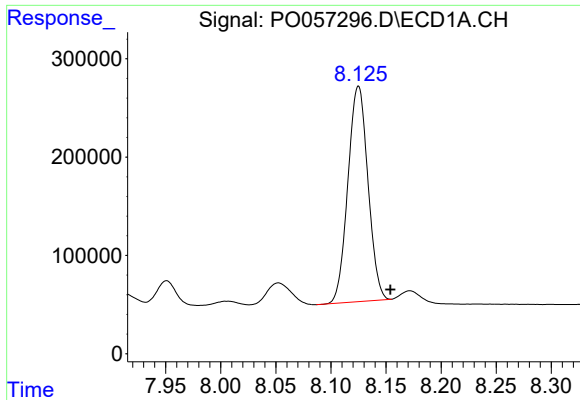
#36 AR-1262-1

R.T.: 7.592 min
Delta R.T.: -0.028 min
Response: 1414784
Conc: 302.50 ng/ml



#36 AR-1262-1

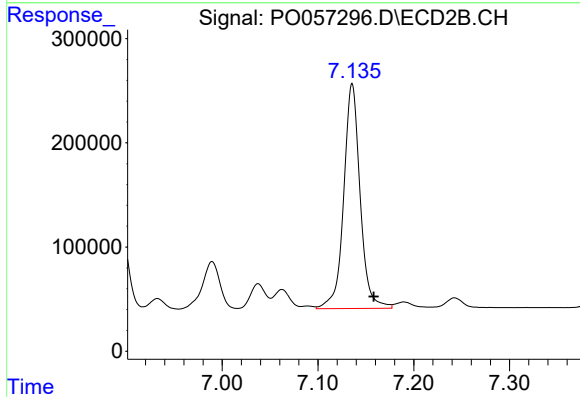
R.T.: 6.635 min
Delta R.T.: -0.025 min
Response: 1287010
Conc: 308.34 ng/ml



#37 AR-1262-2

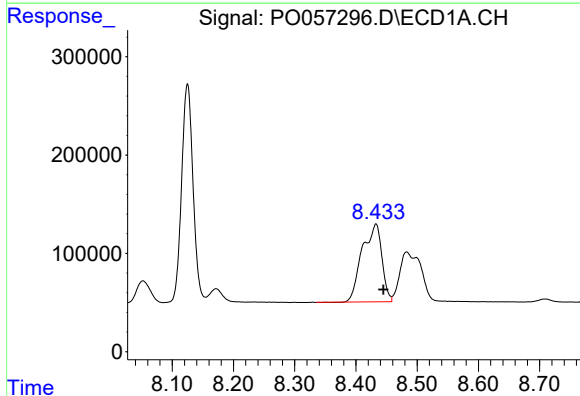
R.T.: 8.125 min
Delta R.T.: -0.029 min
Response: 2775242
Conc: 364.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



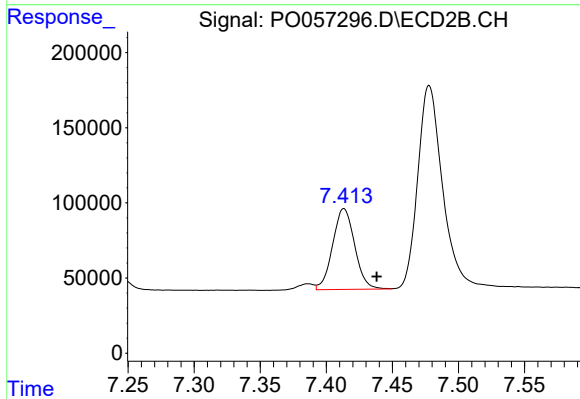
#37 AR-1262-2

R.T.: 7.136 min
Delta R.T.: -0.023 min
Response: 2563563
Conc: 373.12 ng/ml



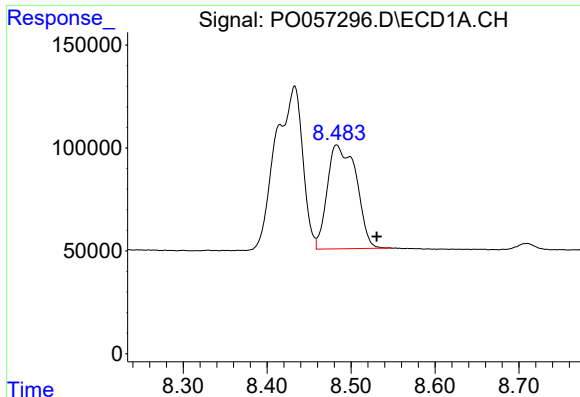
#38 AR-1262-3

R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 1771331
Conc: 338.46 ng/ml



#38 AR-1262-3

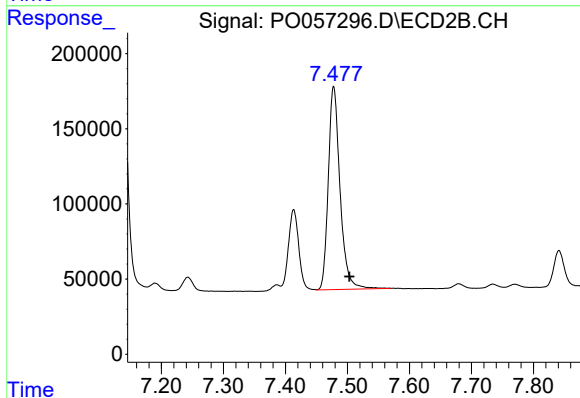
R.T.: 7.413 min
Delta R.T.: -0.025 min
Response: 625747
Conc: 211.87 ng/ml



#39 AR-1262-4

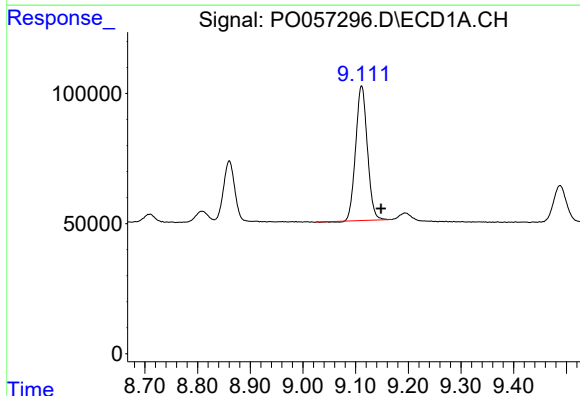
R.T.: 8.483 min
Delta R.T.: -0.047 min
Response: 1208865
Conc: 283.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



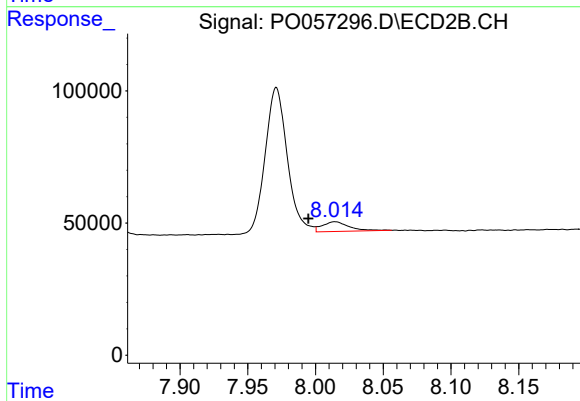
#39 AR-1262-4

R.T.: 7.478 min
Delta R.T.: -0.025 min
Response: 1782360
Conc: 342.06 ng/ml



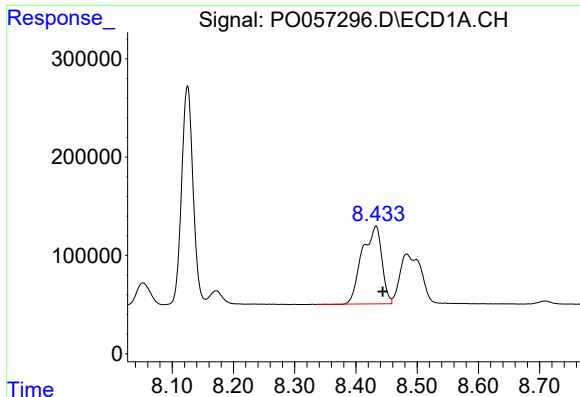
#40 AR-1262-5

R.T.: 9.111 min
Delta R.T.: -0.037 min
Response: 794111
Conc: 289.01 ng/ml



#40 AR-1262-5

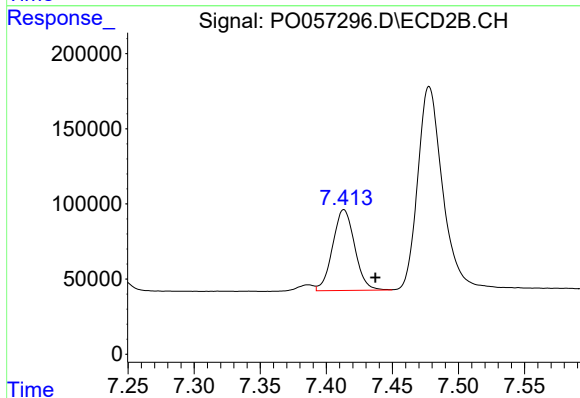
R.T.: 8.014 min
Delta R.T.: 0.020 min
Response: 50914
Conc: 21.93 ng/ml



#41 AR-1268-1

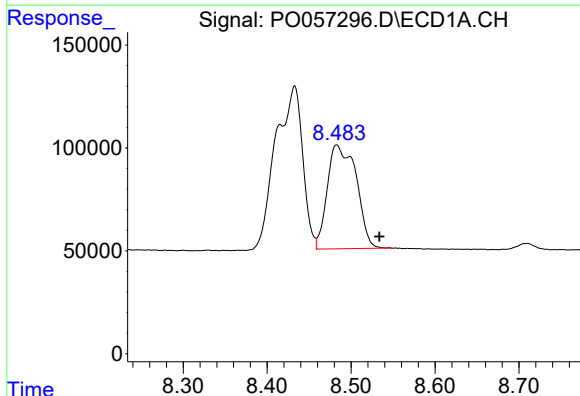
R.T.: 8.432 min
Delta R.T.: -0.012 min
Response: 1771331
Conc: 217.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



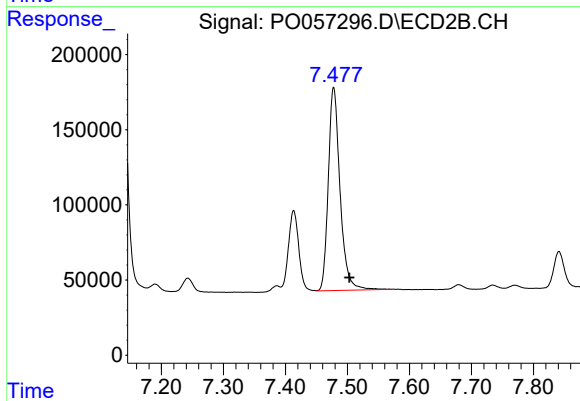
#41 AR-1268-1

R.T.: 7.413 min
Delta R.T.: -0.024 min
Response: 625747
Conc: 83.82 ng/ml



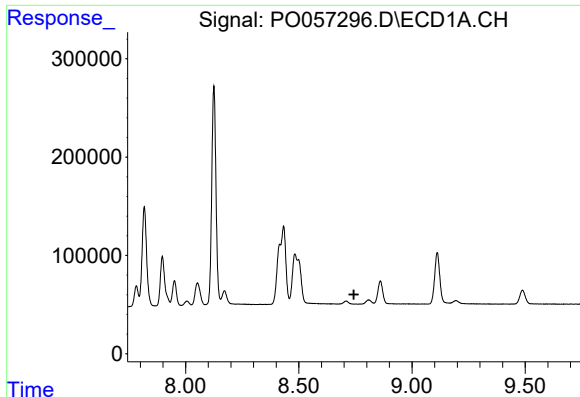
#42 AR-1268-2

R.T.: 8.483 min
Delta R.T.: -0.050 min
Response: 1208865
Conc: 149.43 ng/ml



#42 AR-1268-2

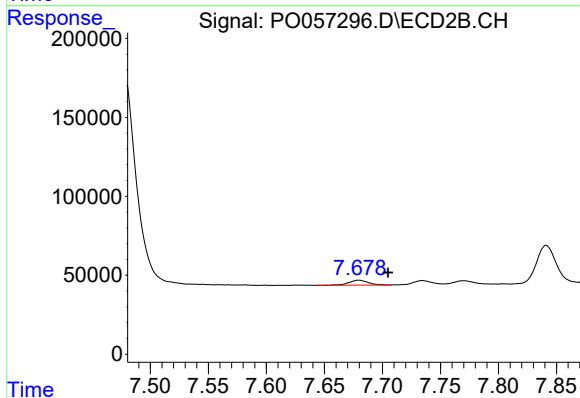
R.T.: 7.478 min
Delta R.T.: -0.025 min
Response: 1782360
Conc: 255.24 ng/ml



#43 AR-1268-3

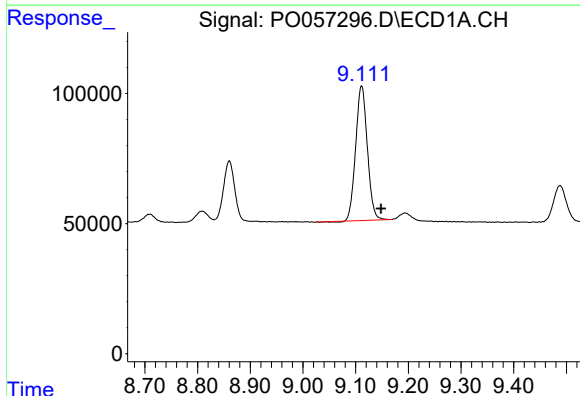
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



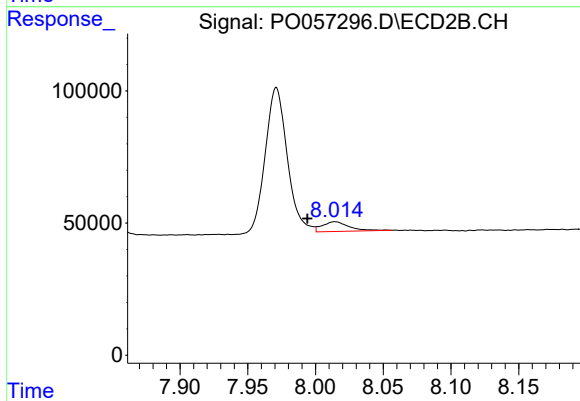
#43 AR-1268-3

R.T.: 7.679 min
Delta R.T.: -0.025 min
Response: 34926
Conc: 5.88 ng/ml



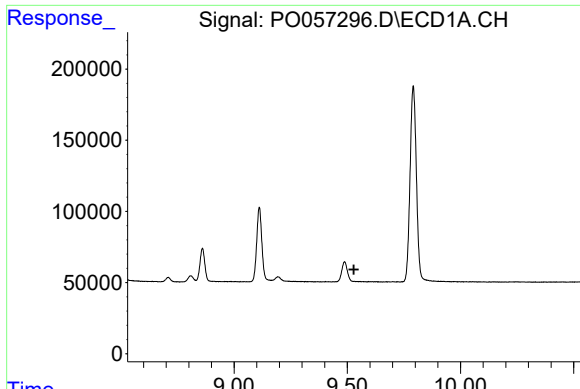
#44 AR-1268-4

R.T.: 9.111 min
Delta R.T.: -0.037 min
Response: 794111
Conc: 291.20 ng/ml



#44 AR-1268-4

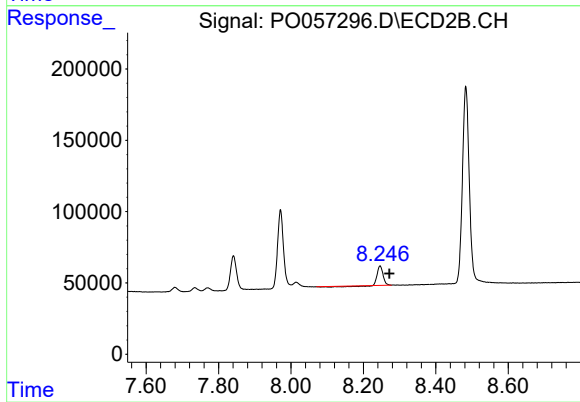
R.T.: 8.014 min
Delta R.T.: 0.021 min
Response: 50914
Conc: 21.81 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.246 min
Delta R.T.: -0.026 min
Response: 131119
Conc: 7.58 ng/ml