

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062119\
 Data File : P0057357.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2019 11:08
 Operator : SM/SJ
 Sample : K3458-04DL 4X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 11:43:32 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...	0.000	3.558	0	155764	N.D.	4.723 #
2)	SA Decachlor...	0.000	8.482	0	76705	N.D.	2.151 #
Target Compounds							
3)	L1 AR-1016-1	5.415	4.642	627301	300404	348.767	238.703 #
4)	L1 AR-1016-2	5.415	4.672	627301	41860	249.814	23.235 #
5)	L1 AR-1016-3	0.000	4.856	0	348846	N.D.	353.819 #
6)	L1 AR-1016-4	5.662	4.856	389520	348846	296.936	421.393 #
7)	L1 AR-1016-5	5.864	5.106	603570	40748	436.860	37.986 #
8)	L2 AR-1221-1	0.000	3.719	0	35433	N.D.	69.866 #
10)	L2 AR-1221-3	0.000	3.986	0	44855	N.D.	37.471 #
11)	L3 AR-1232-1	0.000	3.986	0	44855	N.D.	49.929 #
12)	L3 AR-1232-2	0.000	4.672	0	41860	N.D.	43.072 #
13)	L3 AR-1232-3	5.415	4.816	627301	143062	442.181	273.387 #
14)	L3 AR-1232-4	5.662	4.928	389520	156622	553.352	317.894 #
15)	L3 AR-1232-5	5.706	5.106	281406	40748	497.721	72.344 #
16)	L4 AR-1242-1	5.415	4.642	627301	300404	363.612	242.539 #
17)	L4 AR-1242-2	5.415	4.672	627301	41860	247.088	23.276 #
18)	L4 AR-1242-3	0.000	4.816	0	143062	N.D.	145.520 #
19)	L4 AR-1242-4	5.662	4.928	389520	156622	291.399	160.952 #
20)	L4 AR-1242-5	6.303	5.454	850675	707645	515.540	598.547
21)	L5 AR-1248-1	5.415	4.642	627301	300404	486.840	320.767 #
22)	L5 AR-1248-2	5.706	4.856	281406	348846	151.058	274.586 #
23)	L5 AR-1248-3	5.864	4.928	603570	156622	294.230	119.934 #
24)	L5 AR-1248-4	6.303	5.106	850675	40748	367.671	25.731 #
25)	L5 AR-1248-5	6.303	5.485	850675	65154	386.779	39.366 #
26)	L6 AR-1254-1	6.265	5.454	336128	707645	122.107	267.568 #
27)	L6 AR-1254-2	6.500	5.560	649709	135807	167.274	62.996 #
28)	L6 AR-1254-3	6.819	6.004	628428	64785	152.406	17.696 #
29)	L6 AR-1254-4	7.104	6.186	581567	489643	193.222	222.876
30)	L6 AR-1254-5	0.000	6.633	0	79733	N.D.	25.151 #
31)	L7 AR-1260-1	0.000	6.101	0	132524	N.D.	66.250 #
32)	L7 AR-1260-2	0.000	6.274	0	159287	N.D.	64.621 #
33)	L7 AR-1260-3	0.000	6.425	0	141262	N.D.	62.972 #
34)	L7 AR-1260-4	0.000	6.931	0	73592	N.D.	39.544 #
35)	L7 AR-1260-5	0.000	7.133	0	141404	N.D.	32.791 #
36)	L8 AR-1262-1	0.000	6.633	0	79733	N.D.	19.102 #
37)	L8 AR-1262-2	0.000	7.133	0	141404	N.D.	20.581 #
38)	L8 AR-1262-3	0.000	7.412	0	43225	N.D.	14.636 #
39)	L8 AR-1262-4	0.000	7.477	0	120906	N.D.	23.204 #
40)	L8 AR-1262-5	0.000	7.970	0	33679	N.D.	14.503 #
41)	L9 AR-1268-1	0.000	7.412	0	43225	N.D.	5.790 #
42)	L9 AR-1268-2	0.000	7.477	0	120906	N.D.	17.314 #

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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
44) L9	AR-1268-4	0.000	7.970	0	33679	N.D.	14.428 #

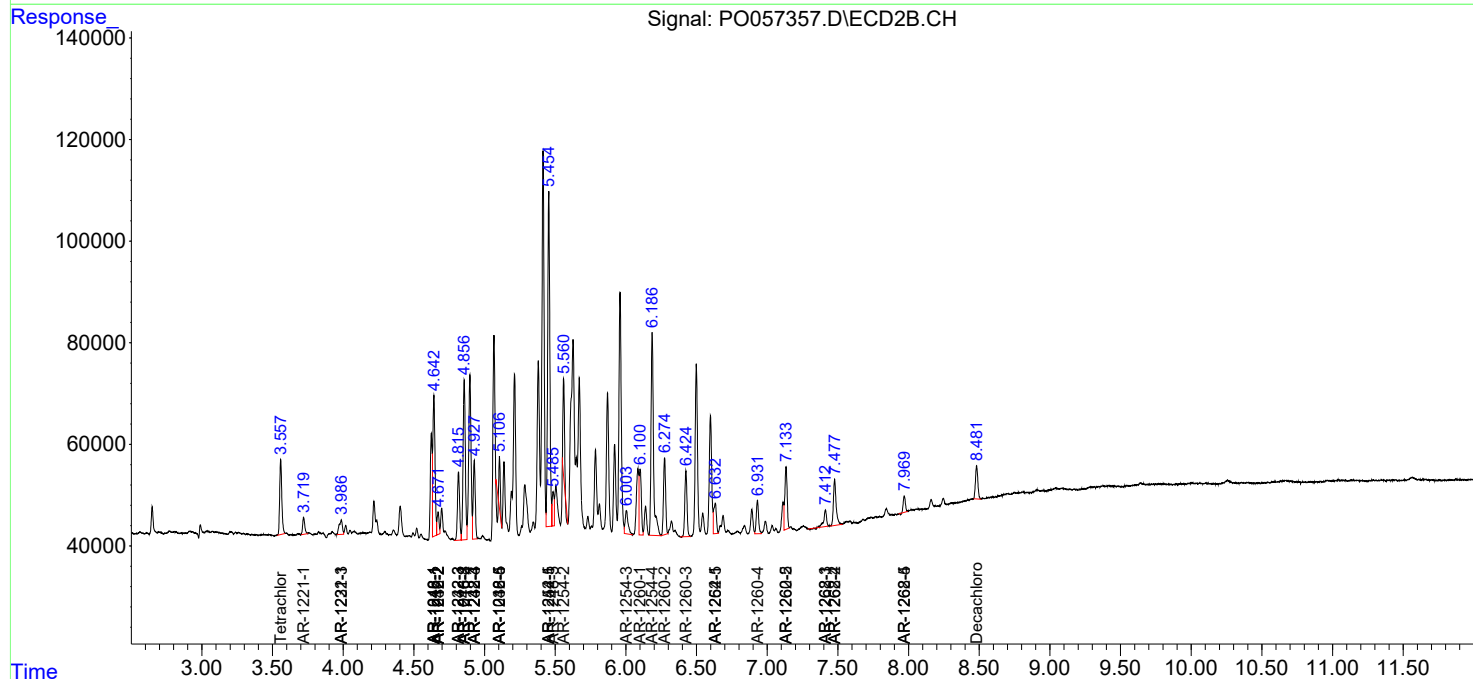
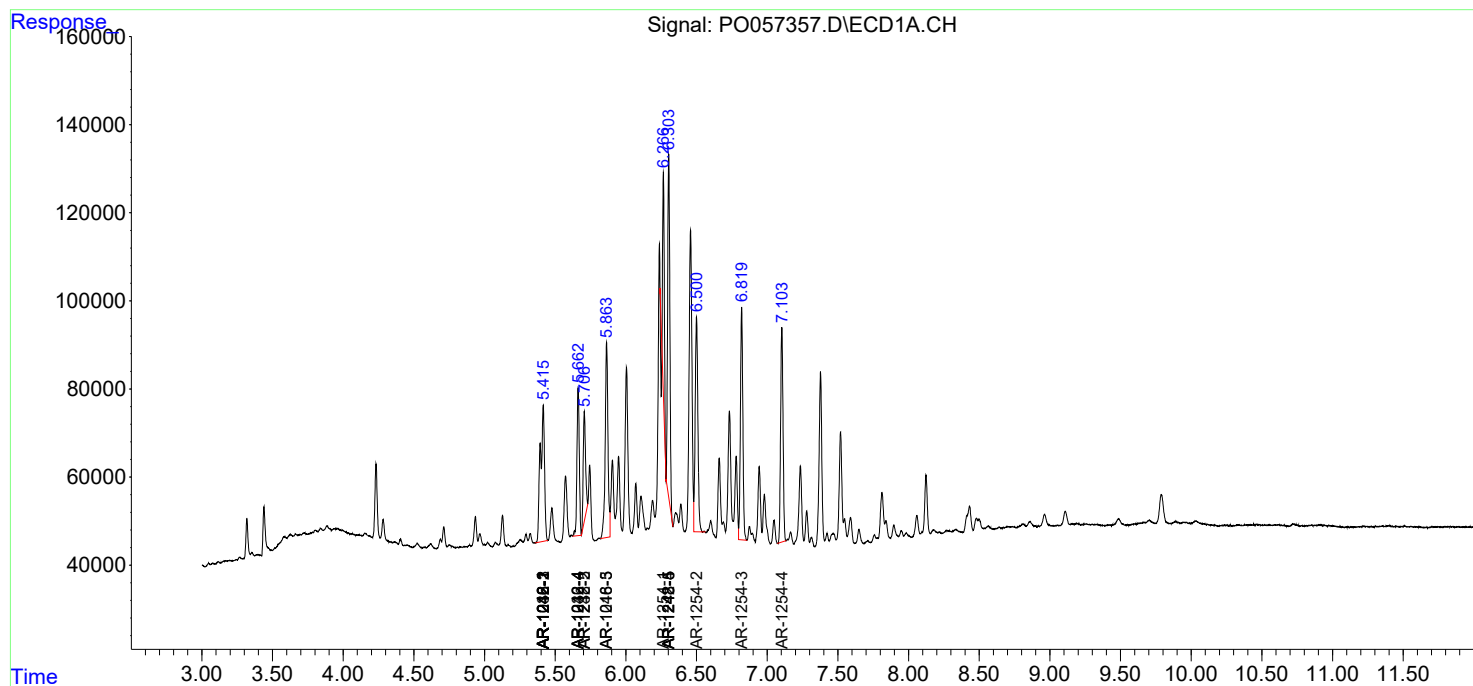
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

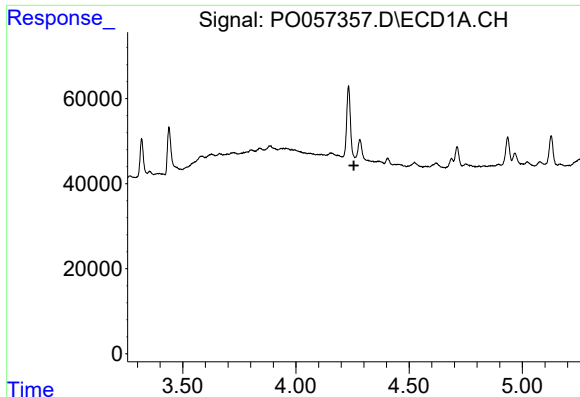
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

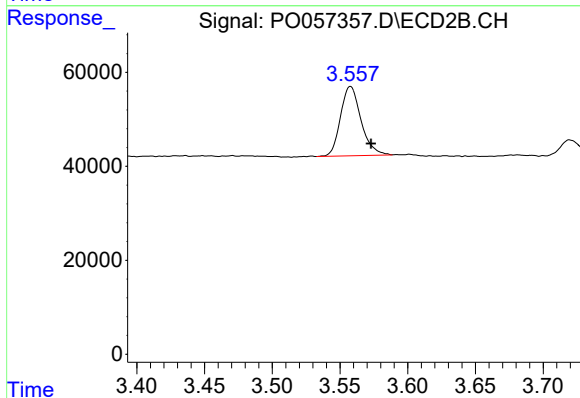




#1 Tetrachloro-m-xylene

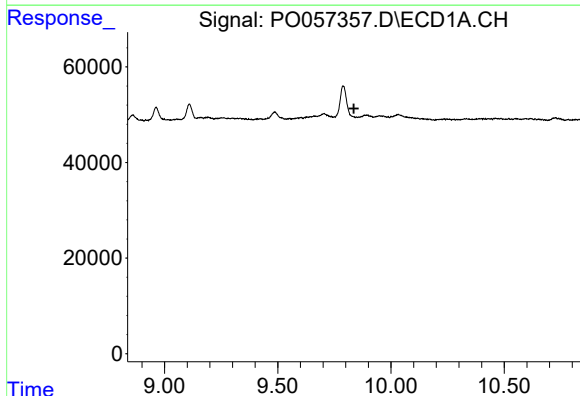
R.T.: 0.000 min
Exp R.T.: 4.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



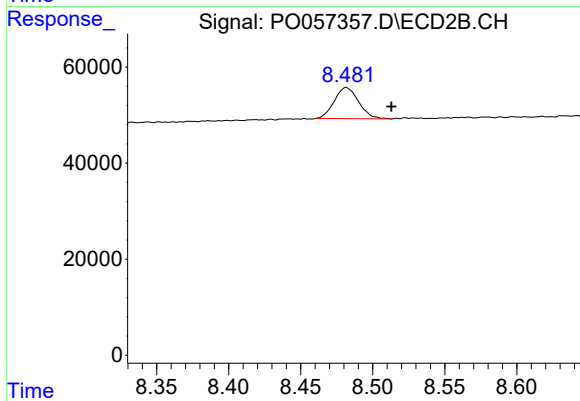
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: -0.015 min
Response: 155764
Conc: 4.72 ng/ml



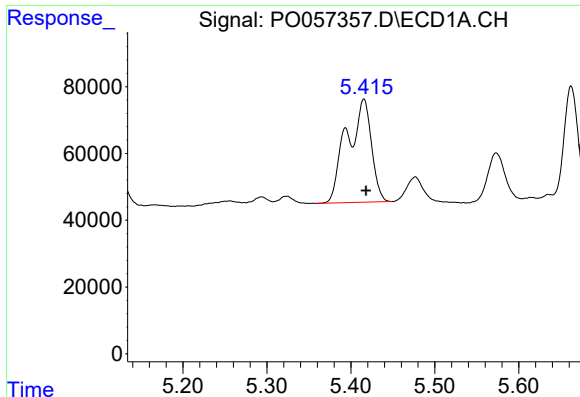
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 9.836 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

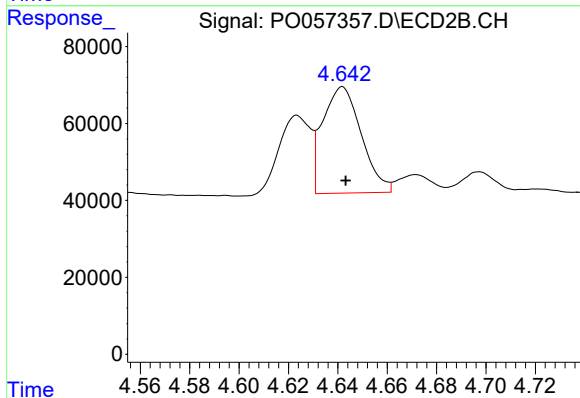
R.T.: 8.482 min
Delta R.T.: -0.031 min
Response: 76705
Conc: 2.15 ng/ml



#3 AR-1016-1

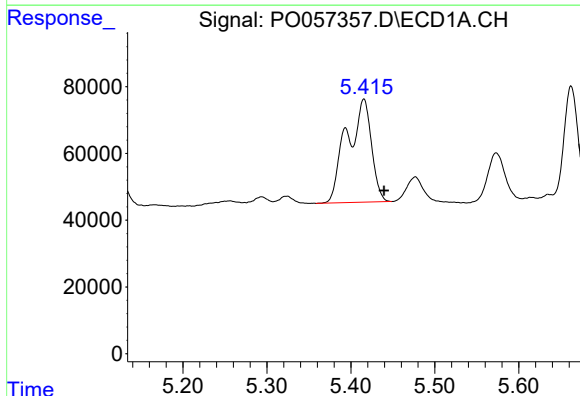
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 627301
Conc: 348.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



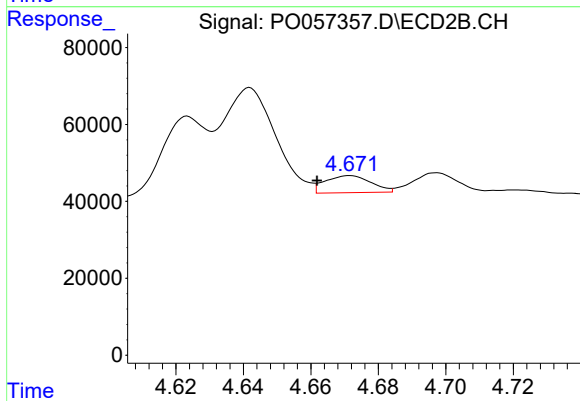
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 300404
Conc: 238.70 ng/ml



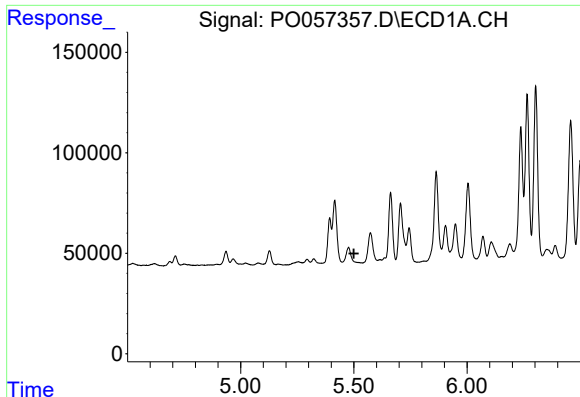
#4 AR-1016-2

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 627301
Conc: 249.81 ng/ml



#4 AR-1016-2

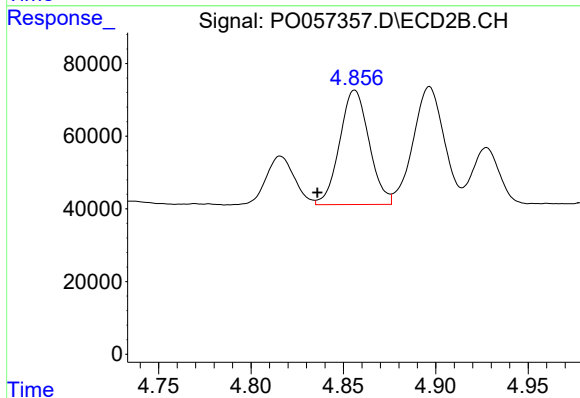
R.T.: 4.672 min
Delta R.T.: 0.010 min
Response: 41860
Conc: 23.23 ng/ml



#5 AR-1016-3

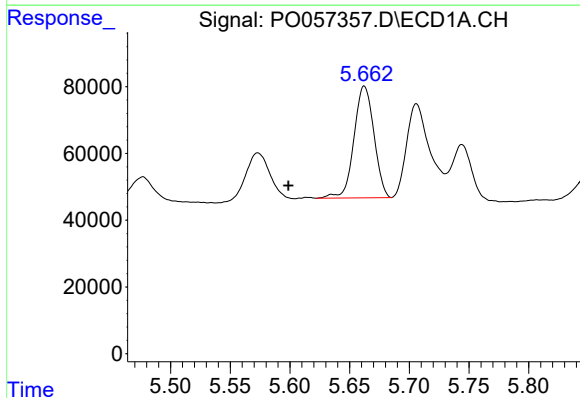
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



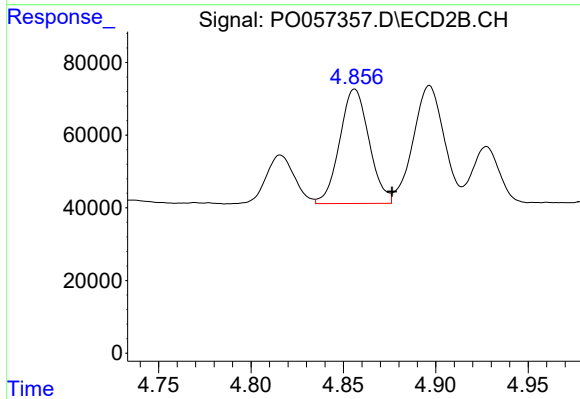
#5 AR-1016-3

R.T.: 4.856 min
Delta R.T.: 0.020 min
Response: 348846
Conc: 353.82 ng/ml



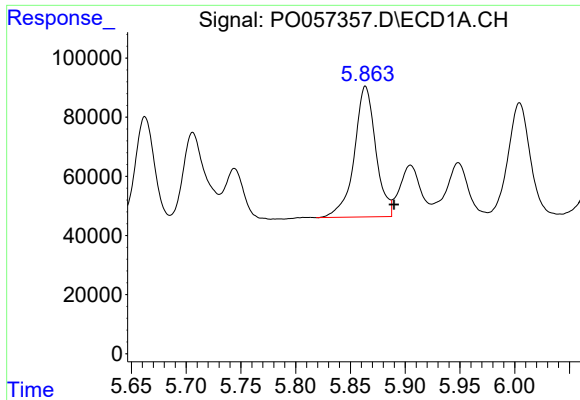
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: 0.064 min
Response: 389520
Conc: 296.94 ng/ml



#6 AR-1016-4

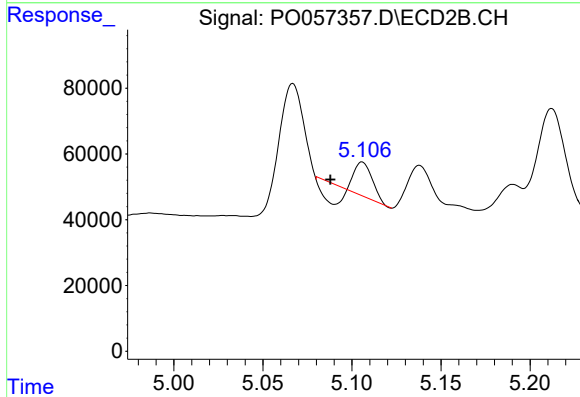
R.T.: 4.856 min
Delta R.T.: -0.020 min
Response: 348846
Conc: 421.39 ng/ml



#7 AR-1016-5

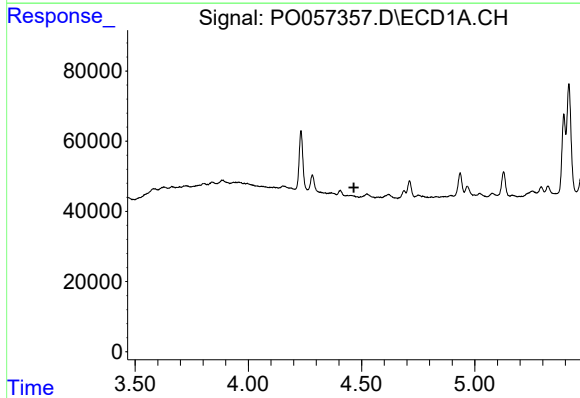
R.T.: 5.864 min
Delta R.T.: -0.026 min
Response: 603570
Conc: 436.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



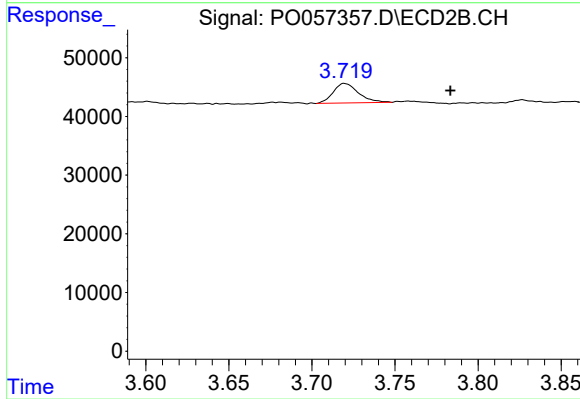
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: 0.018 min
Response: 40748
Conc: 37.99 ng/ml



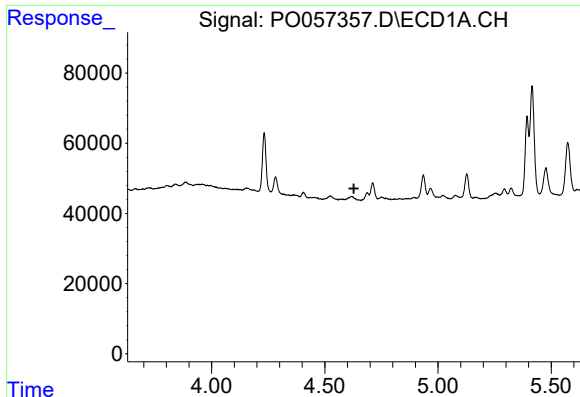
#8 AR-1221-1

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



#8 AR-1221-1

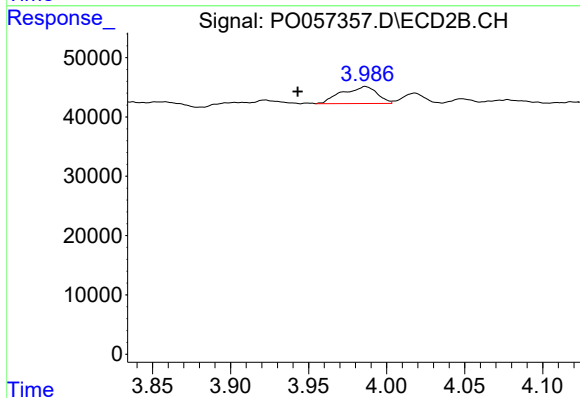
R.T.: 3.719 min
Delta R.T.: -0.064 min
Response: 35433
Conc: 69.87 ng/ml



#10 AR-1221-3

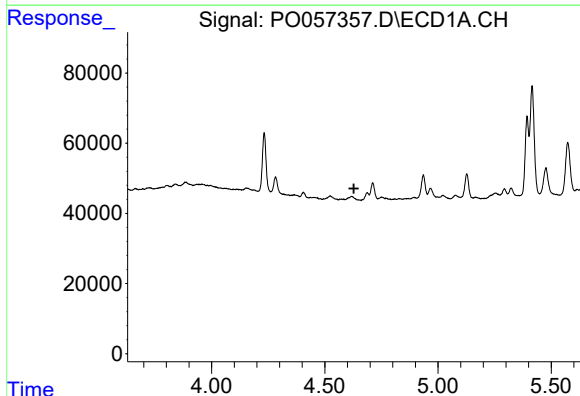
R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



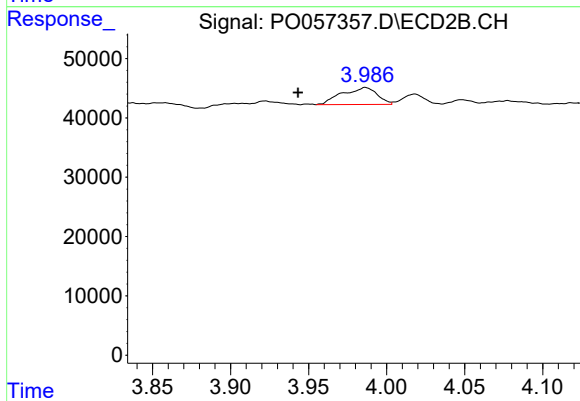
#10 AR-1221-3

R.T.: 3.986 min
Delta R.T.: 0.043 min
Response: 44855
Conc: 37.47 ng/ml



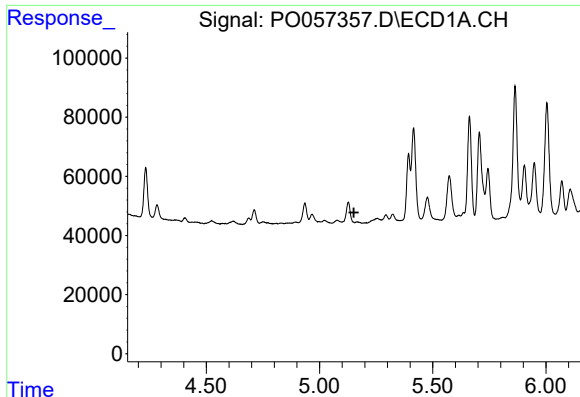
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.629 min
Response: 0
Conc: N.D.



#11 AR-1232-1

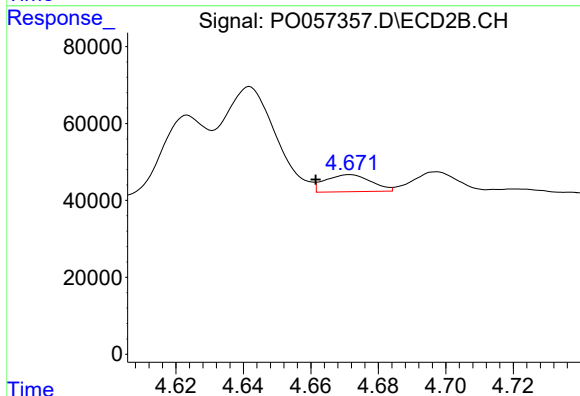
R.T.: 3.986 min
Delta R.T.: 0.043 min
Response: 44855
Conc: 49.93 ng/ml



#12 AR-1232-2

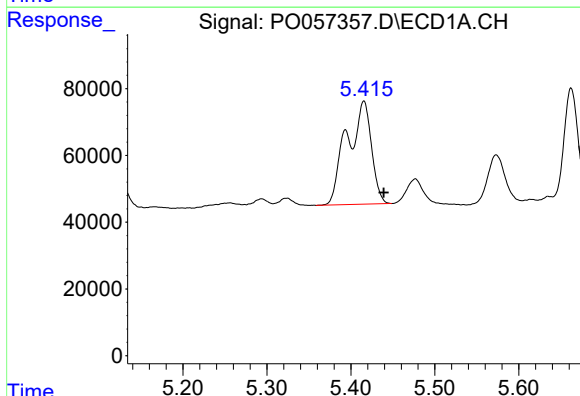
R.T.: 0.000 min
Exp R.T.: 5.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



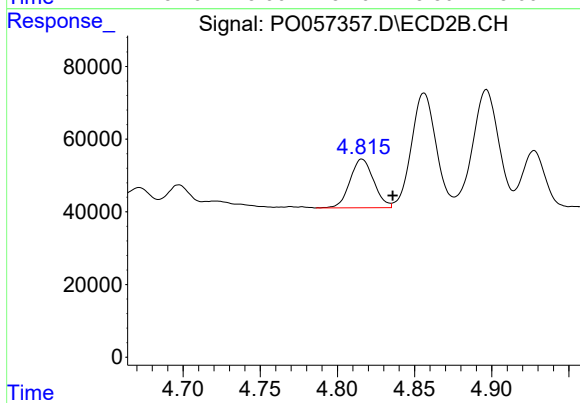
#12 AR-1232-2

R.T.: 4.672 min
Delta R.T.: 0.010 min
Response: 41860
Conc: 43.07 ng/ml



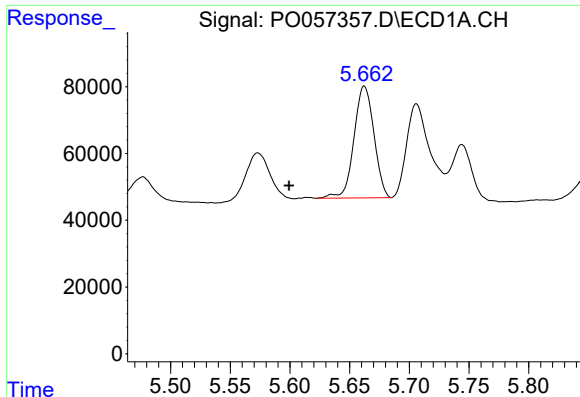
#13 AR-1232-3

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 627301
Conc: 442.18 ng/ml



#13 AR-1232-3

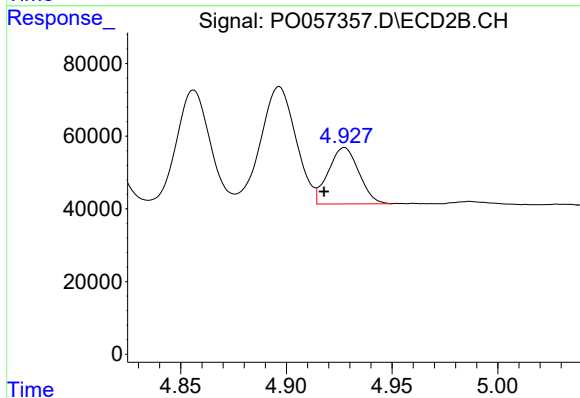
R.T.: 4.816 min
Delta R.T.: -0.020 min
Response: 143062
Conc: 273.39 ng/ml



#14 AR-1232-4

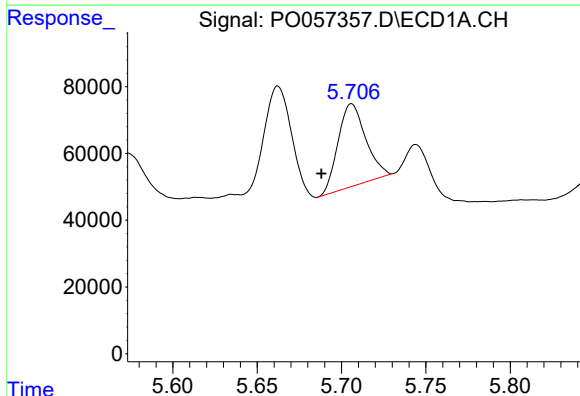
R.T.: 5.662 min
Delta R.T.: 0.063 min
Response: 389520
Conc: 553.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



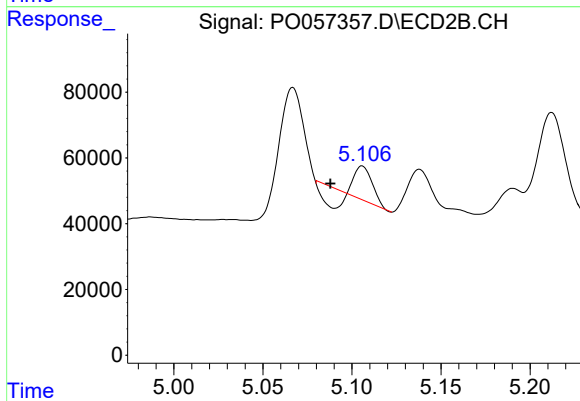
#14 AR-1232-4

R.T.: 4.928 min
Delta R.T.: 0.010 min
Response: 156622
Conc: 317.89 ng/ml



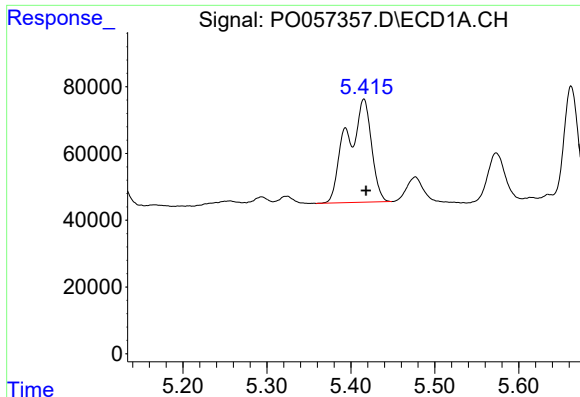
#15 AR-1232-5

R.T.: 5.706 min
Delta R.T.: 0.018 min
Response: 281406
Conc: 497.72 ng/ml



#15 AR-1232-5

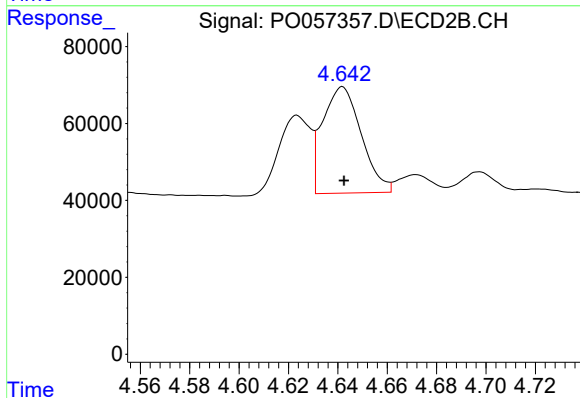
R.T.: 5.106 min
Delta R.T.: 0.018 min
Response: 40748
Conc: 72.34 ng/ml



#16 AR-1242-1

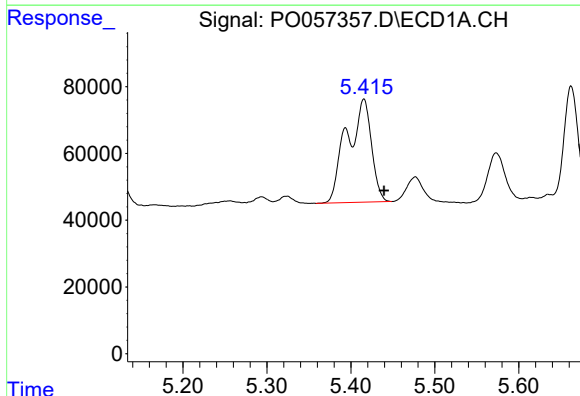
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 627301
Conc: 363.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



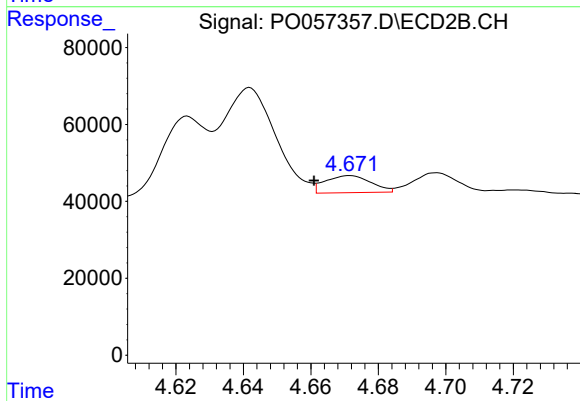
#16 AR-1242-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 300404
Conc: 242.54 ng/ml



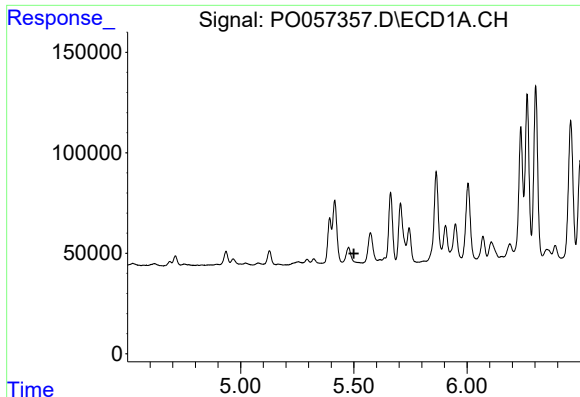
#17 AR-1242-2

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 627301
Conc: 247.09 ng/ml



#17 AR-1242-2

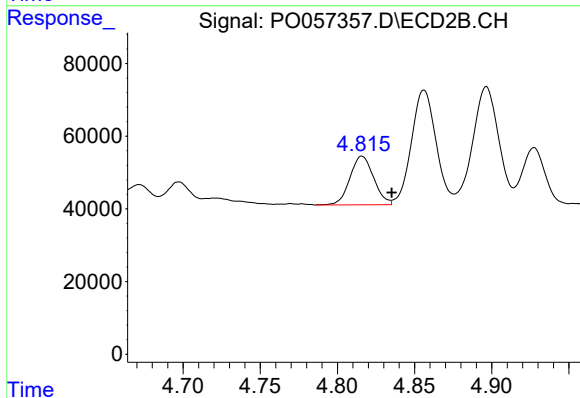
R.T.: 4.672 min
Delta R.T.: 0.011 min
Response: 41860
Conc: 23.28 ng/ml



#18 AR-1242-3

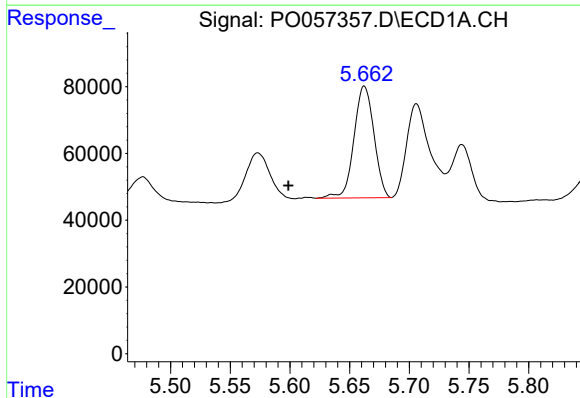
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



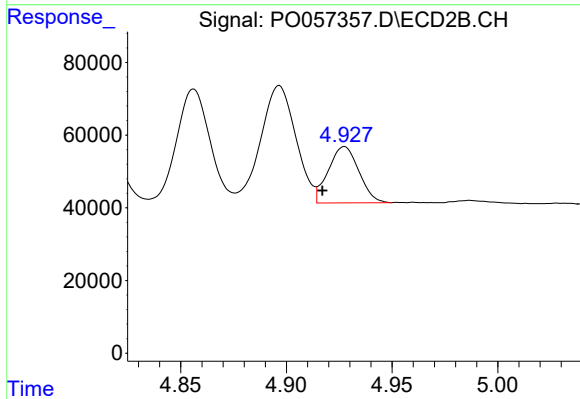
#18 AR-1242-3

R.T.: 4.816 min
Delta R.T.: -0.019 min
Response: 143062
Conc: 145.52 ng/ml



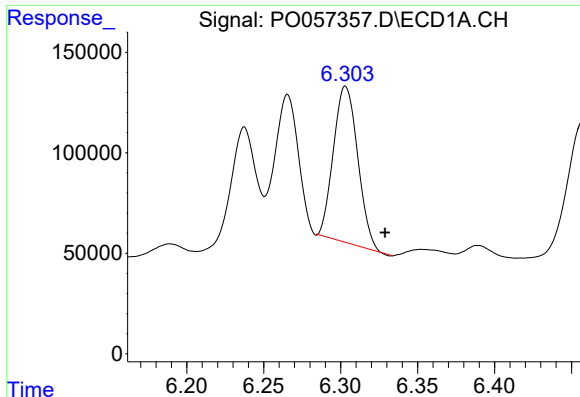
#19 AR-1242-4

R.T.: 5.662 min
Delta R.T.: 0.064 min
Response: 389520
Conc: 291.40 ng/ml



#19 AR-1242-4

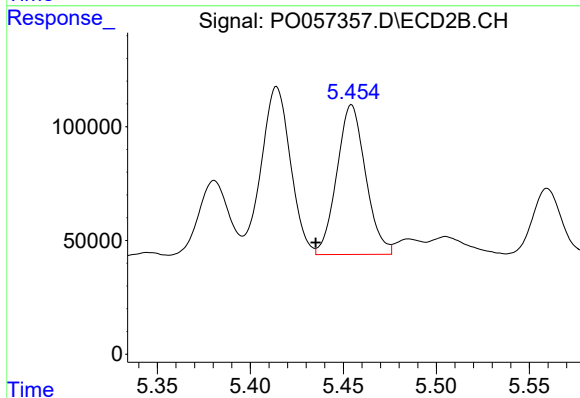
R.T.: 4.928 min
Delta R.T.: 0.011 min
Response: 156622
Conc: 160.95 ng/ml



#20 AR-1242-5

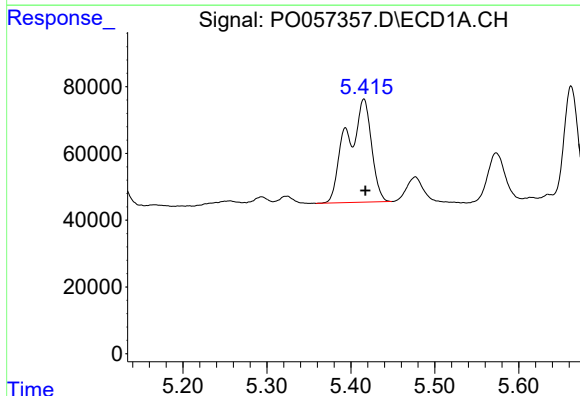
R.T.: 6.303 min
Delta R.T.: -0.026 min
Response: 850675
Conc: 515.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



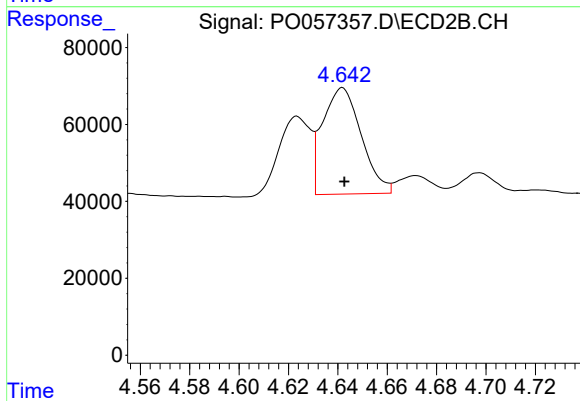
#20 AR-1242-5

R.T.: 5.454 min
Delta R.T.: 0.019 min
Response: 707645
Conc: 598.55 ng/ml



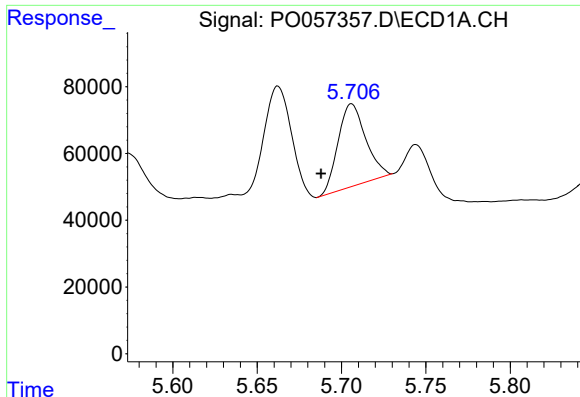
#21 AR-1248-1

R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 627301
Conc: 486.84 ng/ml



#21 AR-1248-1

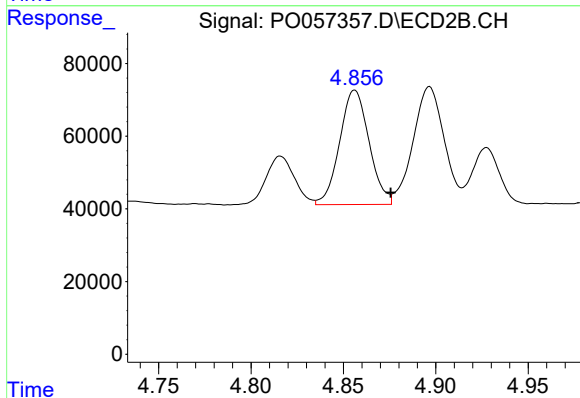
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 300404
Conc: 320.77 ng/ml



#22 AR-1248-2

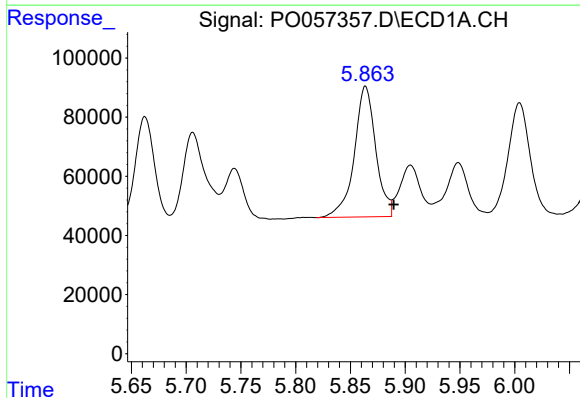
R.T.: 5.706 min
Delta R.T.: 0.018 min
Response: 281406
Conc: 151.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



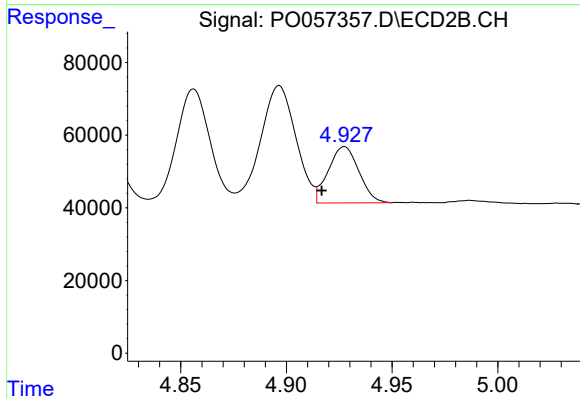
#22 AR-1248-2

R.T.: 4.856 min
Delta R.T.: -0.019 min
Response: 348846
Conc: 274.59 ng/ml



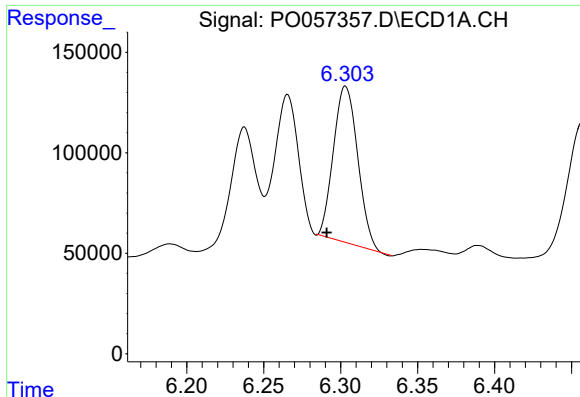
#23 AR-1248-3

R.T.: 5.864 min
Delta R.T.: -0.026 min
Response: 603570
Conc: 294.23 ng/ml



#23 AR-1248-3

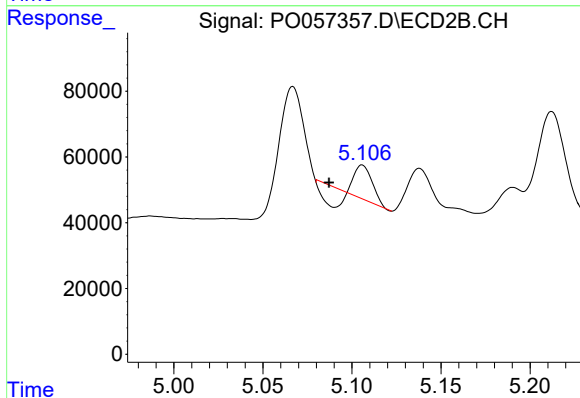
R.T.: 4.928 min
Delta R.T.: 0.011 min
Response: 156622
Conc: 119.93 ng/ml



#24 AR-1248-4

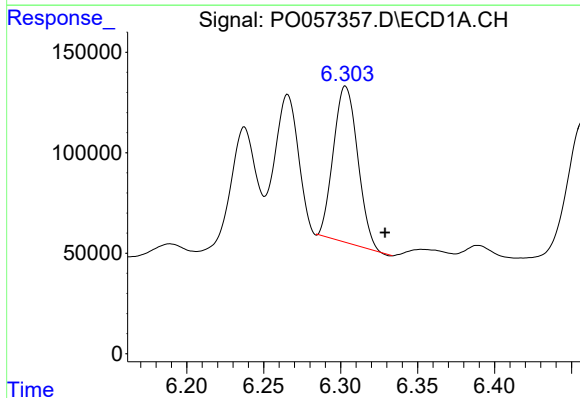
R.T.: 6.303 min
Delta R.T.: 0.012 min
Response: 850675
Conc: 367.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



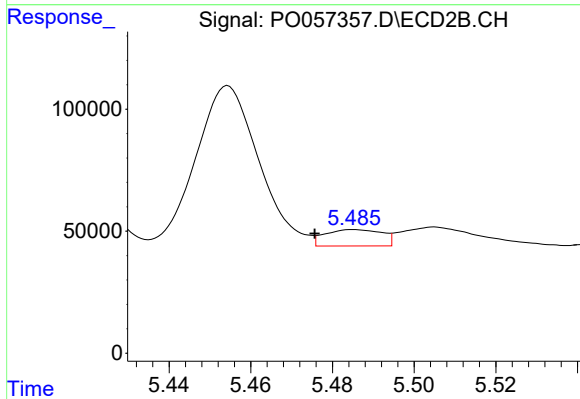
#24 AR-1248-4

R.T.: 5.106 min
Delta R.T.: 0.019 min
Response: 40748
Conc: 25.73 ng/ml



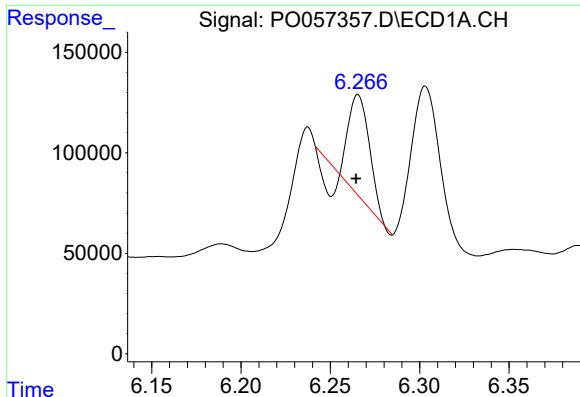
#25 AR-1248-5

R.T.: 6.303 min
Delta R.T.: -0.026 min
Response: 850675
Conc: 386.78 ng/ml



#25 AR-1248-5

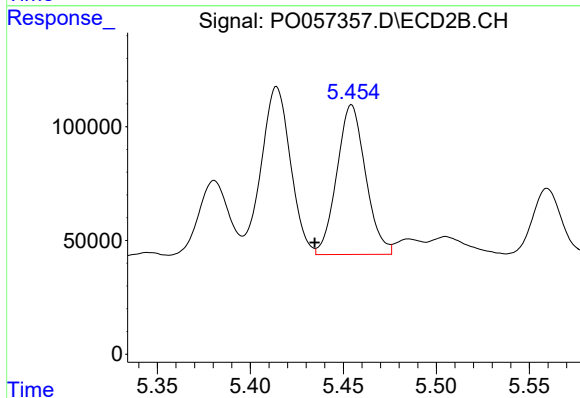
R.T.: 5.485 min
Delta R.T.: 0.009 min
Response: 65154
Conc: 39.37 ng/ml



#26 AR-1254-1

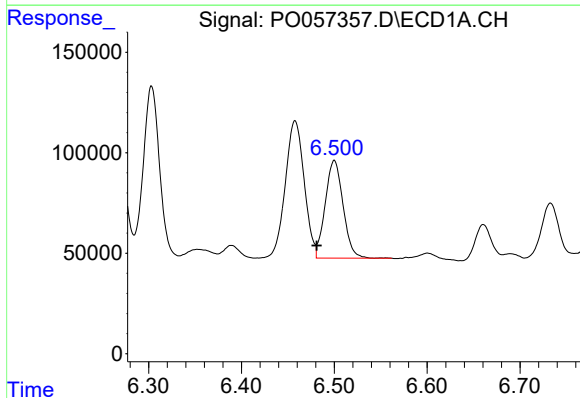
R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 336128
Conc: 122.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



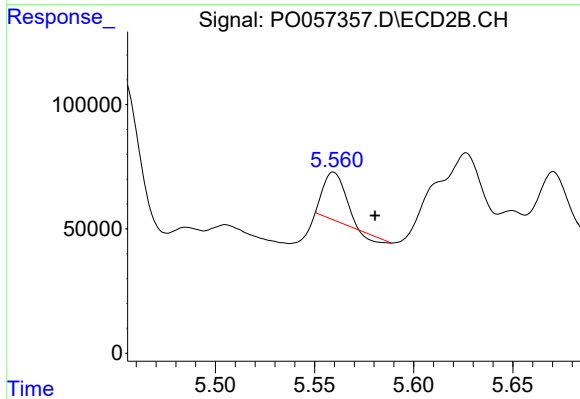
#26 AR-1254-1

R.T.: 5.454 min
Delta R.T.: 0.020 min
Response: 707645
Conc: 267.57 ng/ml



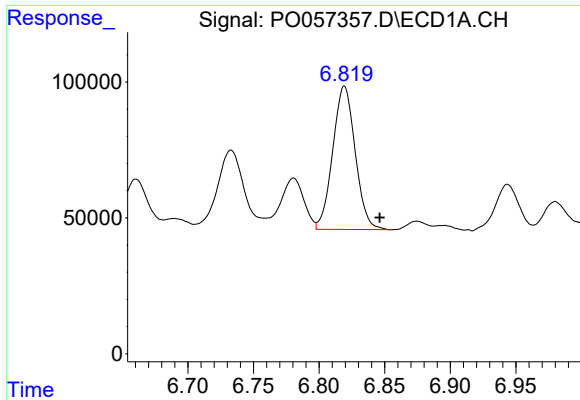
#27 AR-1254-2

R.T.: 6.500 min
Delta R.T.: 0.019 min
Response: 649709
Conc: 167.27 ng/ml



#27 AR-1254-2

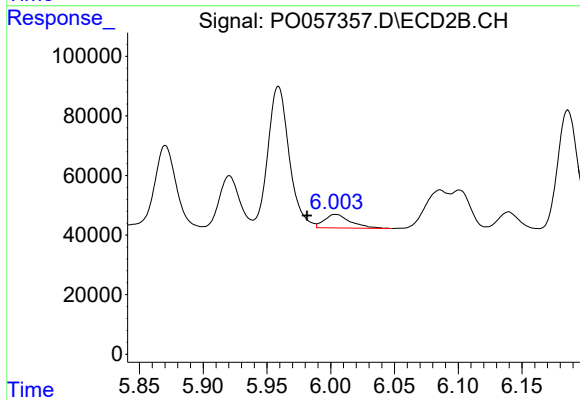
R.T.: 5.560 min
Delta R.T.: -0.021 min
Response: 135807
Conc: 63.00 ng/ml



#28 AR-1254-3

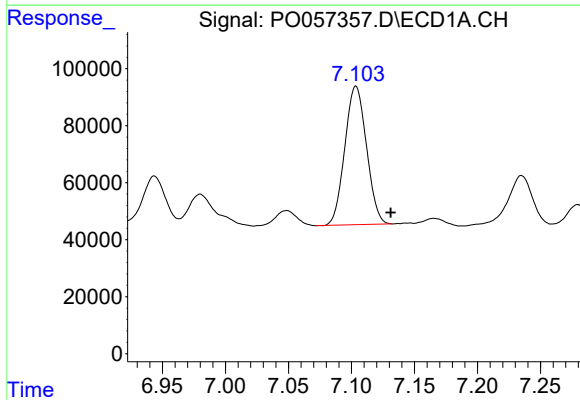
R.T.: 6.819 min
Delta R.T.: -0.027 min
Response: 628428
Conc: 152.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



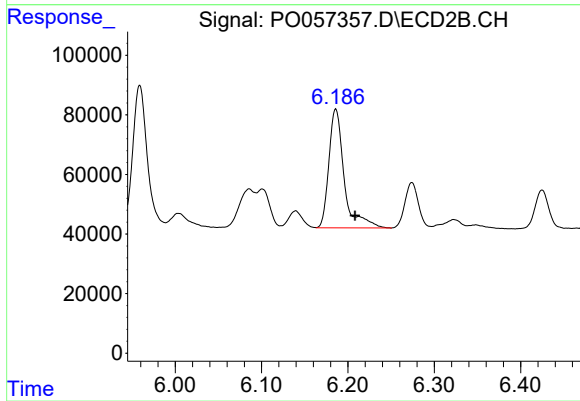
#28 AR-1254-3

R.T.: 6.004 min
Delta R.T.: 0.022 min
Response: 64785
Conc: 17.70 ng/ml



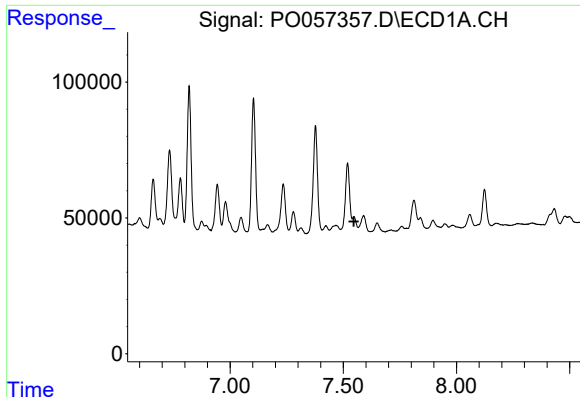
#29 AR-1254-4

R.T.: 7.104 min
Delta R.T.: -0.028 min
Response: 581567
Conc: 193.22 ng/ml



#29 AR-1254-4

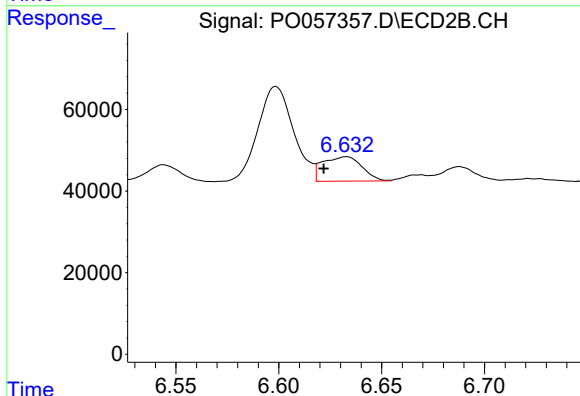
R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 489643
Conc: 222.88 ng/ml



#30 AR-1254-5

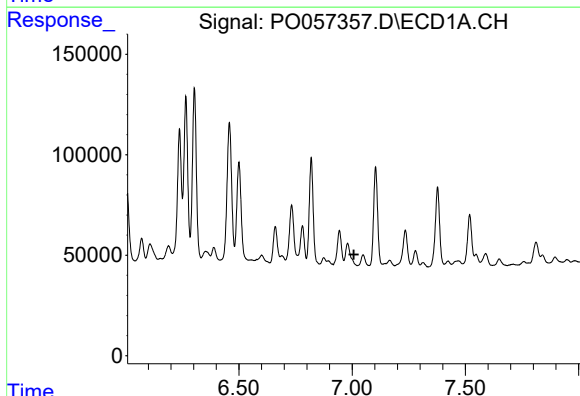
R.T.: 0.000 min
Exp R.T.: 7.547 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



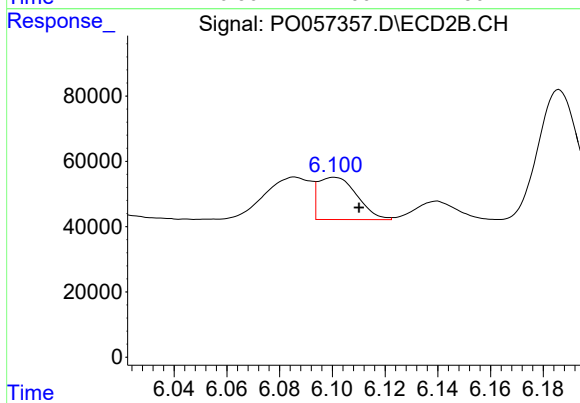
#30 AR-1254-5

R.T.: 6.633 min
Delta R.T.: 0.011 min
Response: 79733
Conc: 25.15 ng/ml



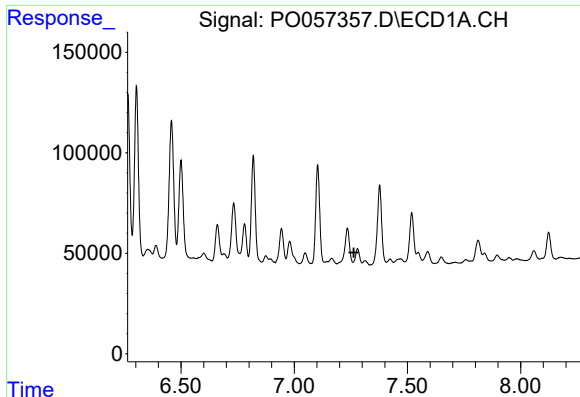
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.008 min
Response: 0
Conc: N.D.



#31 AR-1260-1

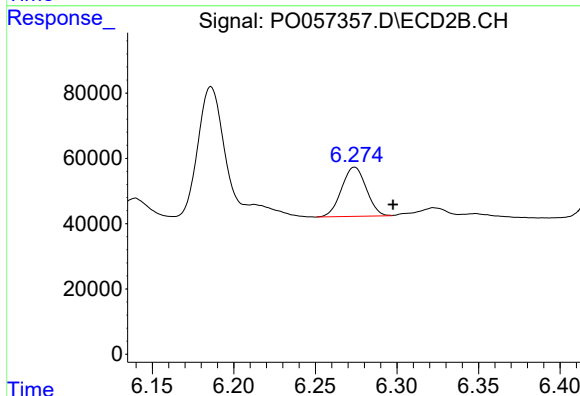
R.T.: 6.101 min
Delta R.T.: -0.009 min
Response: 132524
Conc: 66.25 ng/ml



#32 AR-1260-2

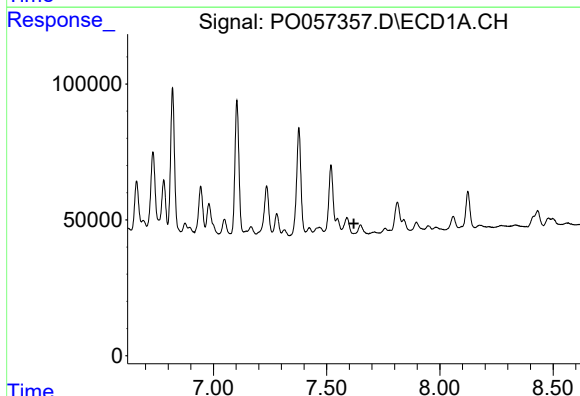
R.T.: 0.000 min
Exp R.T.: 7.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



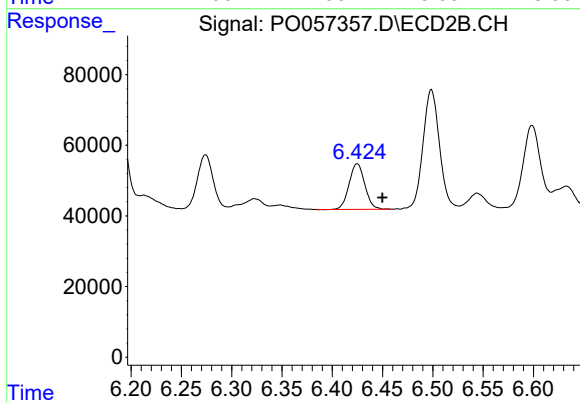
#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: -0.023 min
Response: 159287
Conc: 64.62 ng/ml



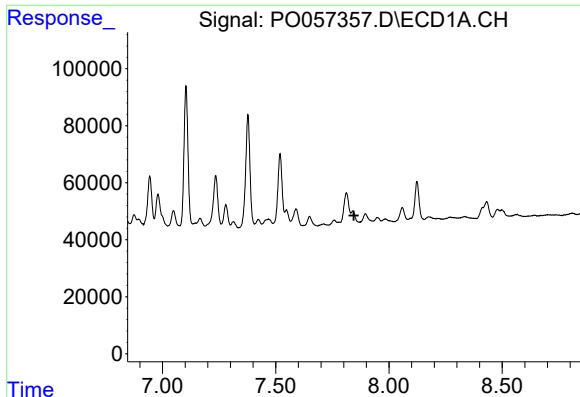
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.



#33 AR-1260-3

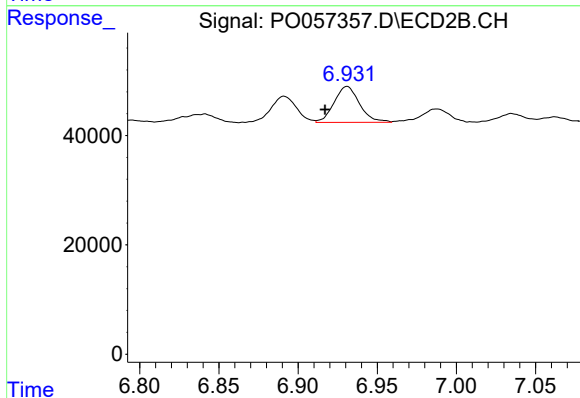
R.T.: 6.425 min
Delta R.T.: -0.025 min
Response: 141262
Conc: 62.97 ng/ml



#34 AR-1260-4

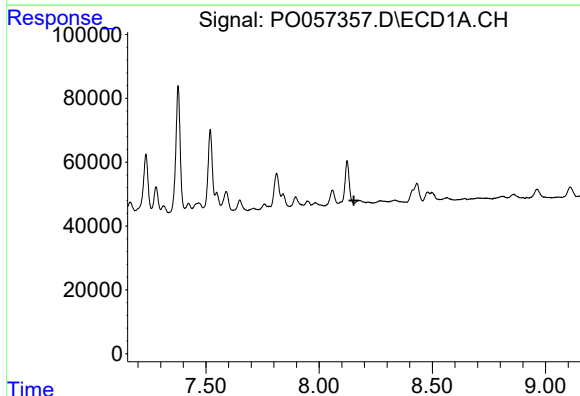
R.T.: 0.000 min
Exp R.T. : 7.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



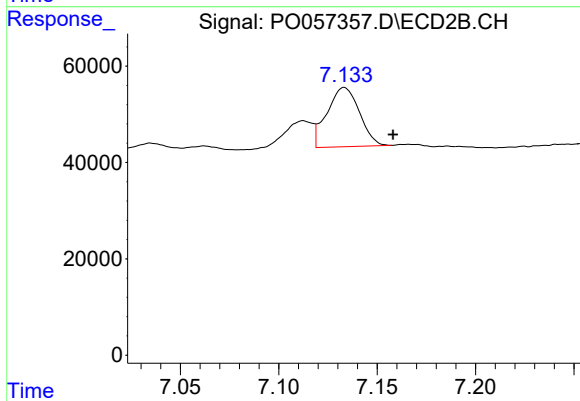
#34 AR-1260-4

R.T.: 6.931 min
Delta R.T.: 0.014 min
Response: 73592
Conc: 39.54 ng/ml



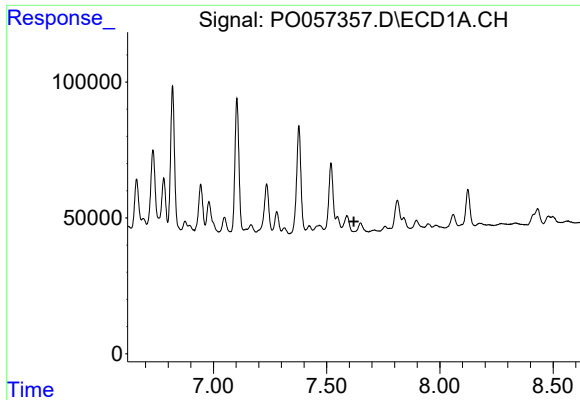
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.153 min
Response: 0
Conc: N.D.



#35 AR-1260-5

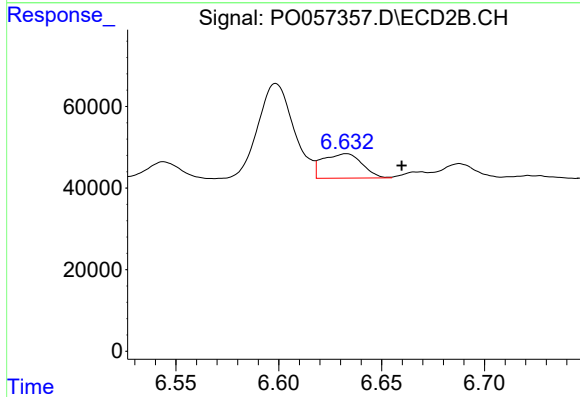
R.T.: 7.133 min
Delta R.T.: -0.025 min
Response: 141404
Conc: 32.79 ng/ml



#36 AR-1262-1

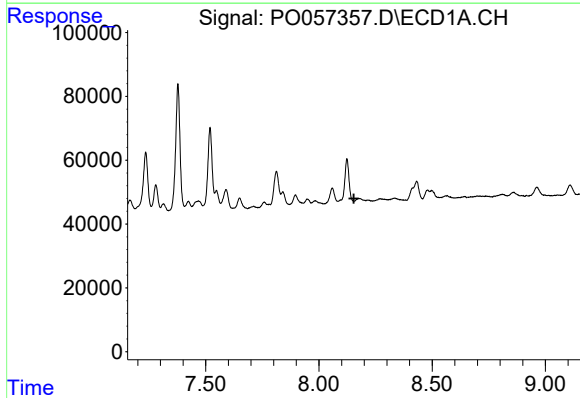
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



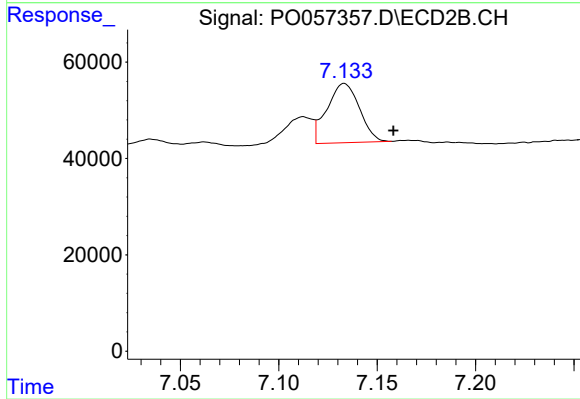
#36 AR-1262-1

R.T.: 6.633 min
Delta R.T.: -0.027 min
Response: 79733
Conc: 19.10 ng/ml



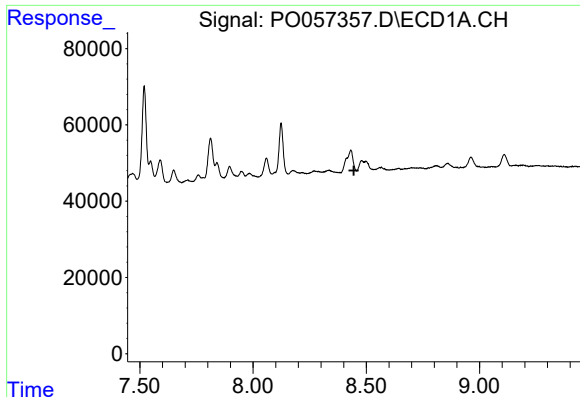
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.



#37 AR-1262-2

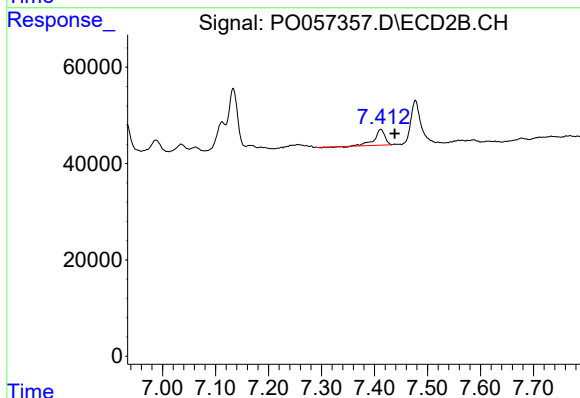
R.T.: 7.133 min
Delta R.T.: -0.025 min
Response: 141404
Conc: 20.58 ng/ml



#38 AR-1262-3

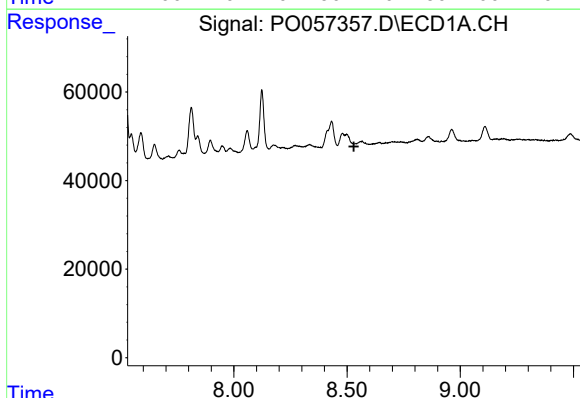
R.T.: 0.000 min
Exp R.T. : 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



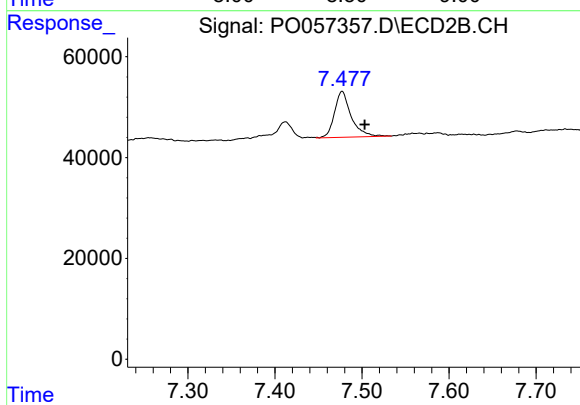
#38 AR-1262-3

R.T.: 7.412 min
Delta R.T.: -0.026 min
Response: 43225
Conc: 14.64 ng/ml



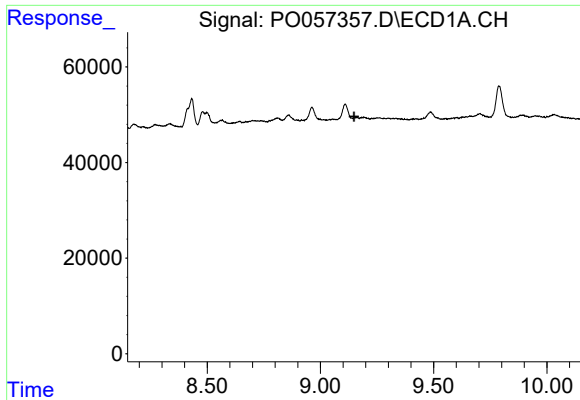
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.530 min
Response: 0
Conc: N.D.



#39 AR-1262-4

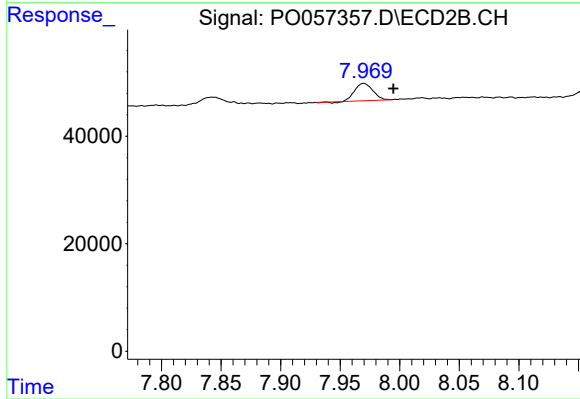
R.T.: 7.477 min
Delta R.T.: -0.026 min
Response: 120906
Conc: 23.20 ng/ml



#40 AR-1262-5

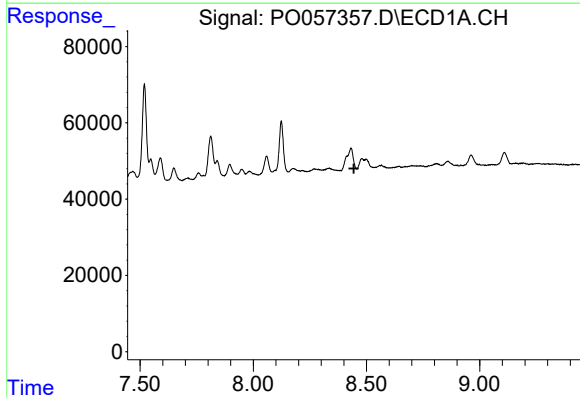
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



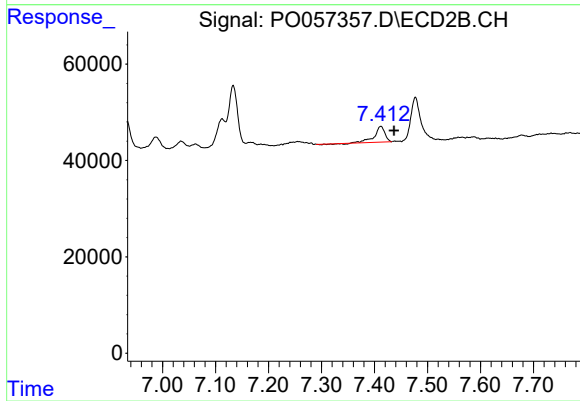
#40 AR-1262-5

R.T.: 7.970 min
Delta R.T.: -0.025 min
Response: 33679
Conc: 14.50 ng/ml



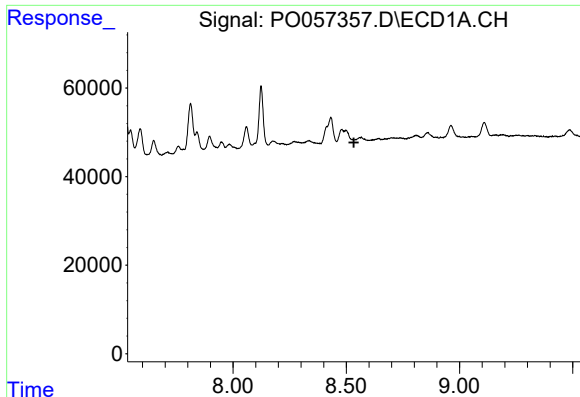
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



#41 AR-1268-1

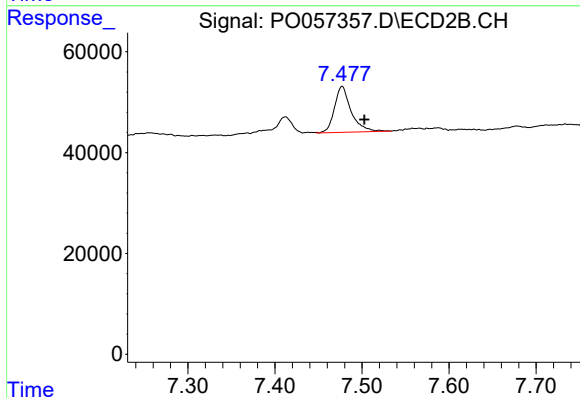
R.T.: 7.412 min
Delta R.T.: -0.025 min
Response: 43225
Conc: 5.79 ng/ml



#42 AR-1268-2

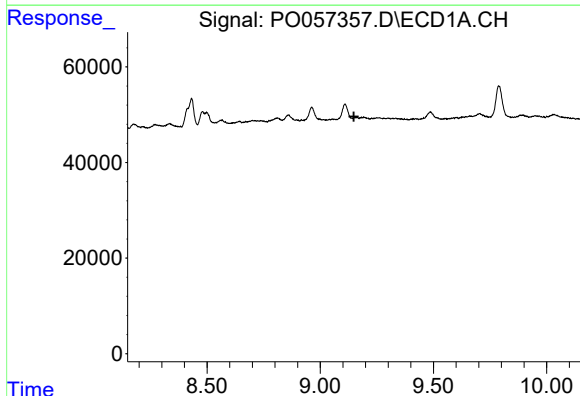
R.T.: 0.000 min
Exp R.T. : 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



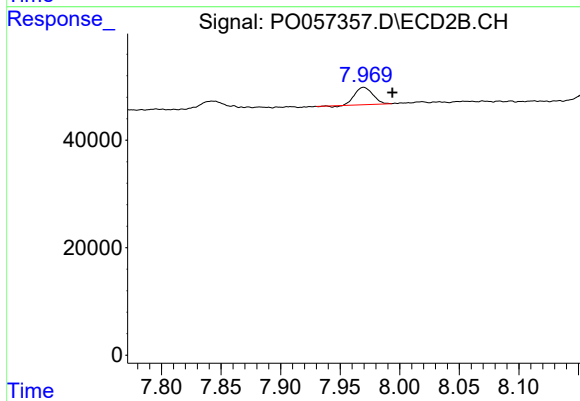
#42 AR-1268-2

R.T.: 7.477 min
Delta R.T.: -0.026 min
Response: 120906
Conc: 17.31 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.970 min
Delta R.T.: -0.024 min
Response: 33679
Conc: 14.43 ng/ml