

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062119\
 Data File : P0057355.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2019 10:34
 Operator : SM/SJ
 Sample : K3458-02DL 4X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 11:05:17 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...	4.285	3.560	782522	144625	20.440	4.385 #
2)	SA Decachlor...	0.000	8.482	0	73774	N.D.	2.069 #
Target Compounds							
3)	L1 AR-1016-1	5.418	4.644	1055144	447067	586.640	355.242 #
4)	L1 AR-1016-2	5.418	4.674	1055144	76031	420.196	42.201 #
5)	L1 AR-1016-3	0.000	4.818	0	247079	N.D.	250.601 #
6)	L1 AR-1016-4	5.665	4.857	704482	590486	537.035	713.284 #
7)	L1 AR-1016-5	5.907	5.108	380584	74693	275.464	69.629 #
8)	L2 AR-1221-1	0.000	3.721	0	633444	N.D.	1249.025 #
10)	L2 AR-1221-3	0.000	3.970	0	37108	N.D.	30.999 #
11)	L3 AR-1232-1	0.000	3.970	0	37108	N.D.	41.306 #
12)	L3 AR-1232-2	0.000	4.674	0	76031	N.D.	78.231 #
13)	L3 AR-1232-3	5.418	4.818	1055144	247079	743.766	472.163 #
14)	L3 AR-1232-4	5.665	4.929	704482	262549	1000.788	532.891 #
15)	L3 AR-1232-5	5.709	5.108	499983	74693	884.318	132.609 #
16)	L4 AR-1242-1	5.418	4.644	1055144	447067	611.609	360.951 #
17)	L4 AR-1242-2	5.418	4.674	1055144	76031	415.612	42.276 #
18)	L4 AR-1242-3	0.000	4.818	0	247079	N.D.	251.325 #
19)	L4 AR-1242-4	5.665	4.929	704482	262549	527.021	269.807 #
20)	L4 AR-1242-5	6.306	5.415	1333405	1271835	808.092	1075.756 #
21)	L5 AR-1248-1	5.418	4.644	1055144	447067	818.884	477.371 #
22)	L5 AR-1248-2	5.709	4.857	499983	590486	268.391	464.787 #
23)	L5 AR-1248-3	5.907	4.929	380584	262549	185.528	201.048
24)	L5 AR-1248-4	6.306	5.108	1333405	74693	576.312	47.166 #
25)	L5 AR-1248-5	6.306	5.487	1333405	123547	606.263	74.647 #
26)	L6 AR-1254-1	6.269	5.415	419730	1271835	152.477	480.895 #
27)	L6 AR-1254-2	6.461	5.562	1574873	308009	405.467	142.874 #
28)	L6 AR-1254-3	6.822	5.961	1081805	827844	262.358	226.121
29)	L6 AR-1254-4	7.107	6.215	892157	65749	296.414	29.927 #
30)	L6 AR-1254-5	7.523	6.633	550473	114800	146.183	36.212 #
31)	L7 AR-1260-1	6.946	6.103	364207	219753	141.926	109.856
32)	L7 AR-1260-2	7.238	6.276	286179	218255	94.631	88.543
33)	L7 AR-1260-3	0.000	6.426	0	255052	N.D.	113.698 #
34)	L7 AR-1260-4	0.000	6.932	0	100763	N.D.	54.144 #
35)	L7 AR-1260-5	0.000	7.136	0	187411	N.D.	43.459 #
36)	L8 AR-1262-1	0.000	6.669	0	16731	N.D.	4.008 #
37)	L8 AR-1262-2	0.000	7.136	0	187411	N.D.	27.277 #
38)	L8 AR-1262-3	0.000	7.413	0	110655	N.D.	37.467 #
39)	L8 AR-1262-4	0.000	7.477	0	195435	N.D.	37.507 #
40)	L8 AR-1262-5	0.000	7.971	0	58183	N.D.	25.056 #
41)	L9 AR-1268-1	0.000	7.413	0	110655	N.D.	14.823 #
42)	L9 AR-1268-2	0.000	7.477	0	195435	N.D.	27.987 #

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Volume Inj. : 2 µl
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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
43) L9	AR-1268-3	0.000	7.659	0	25097	N.D.	4.228 #
44) L9	AR-1268-4	0.000	7.971	0	58183	N.D.	24.926 #
45) L9	AR-1268-5	0.000	8.245	0	20278	N.D.	1.172 #

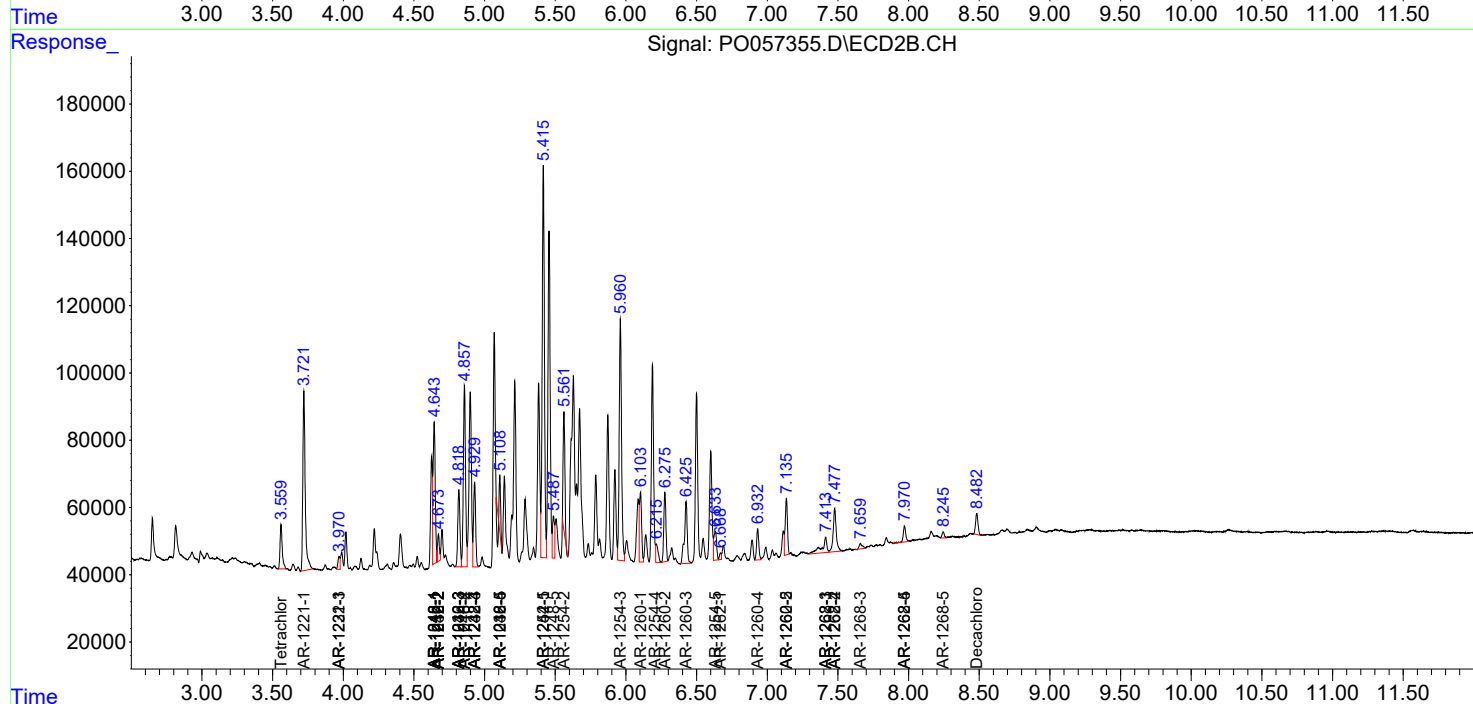
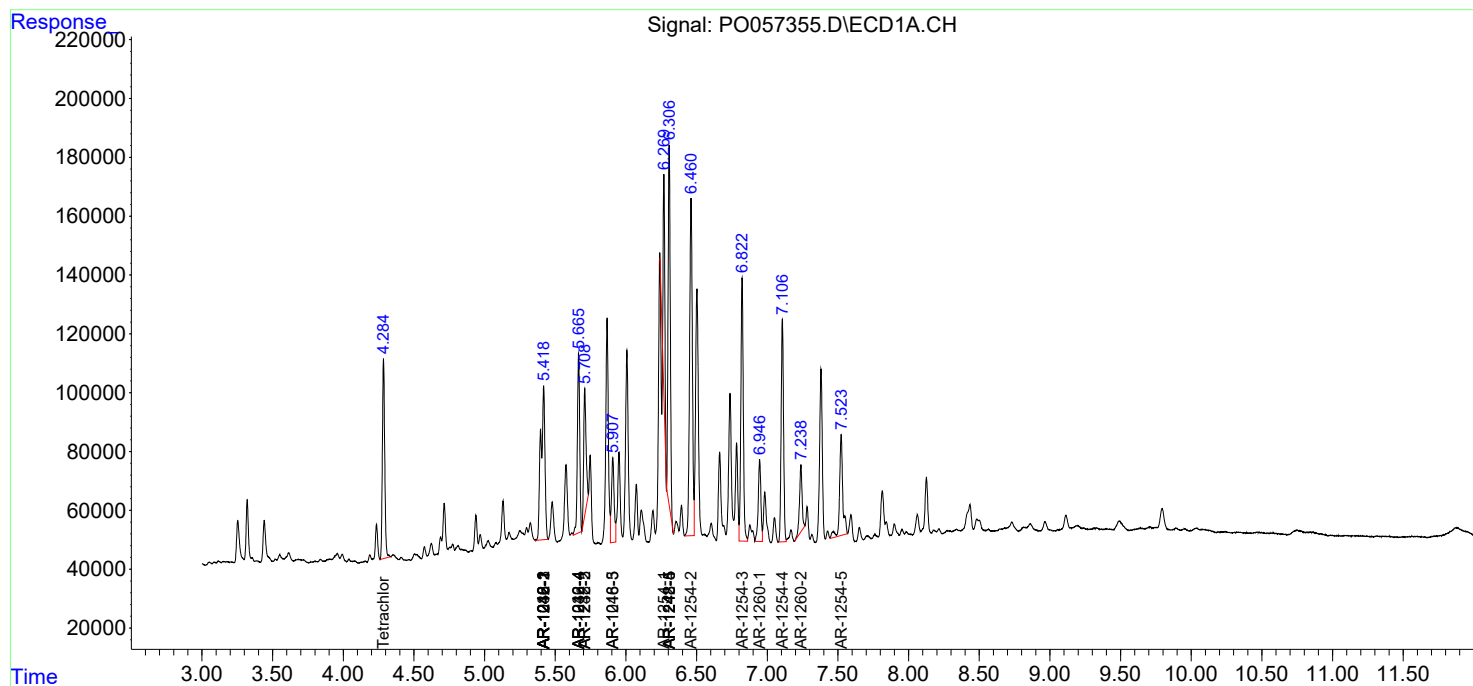
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

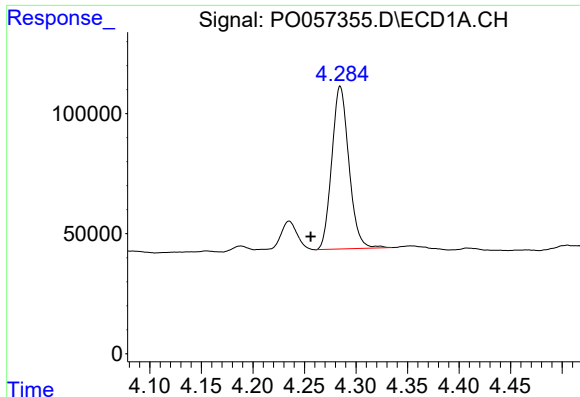
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

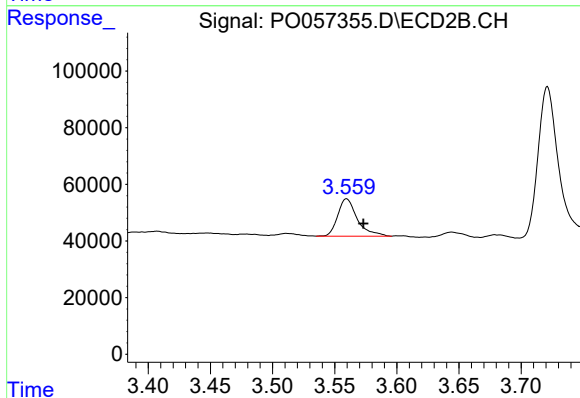




#1 Tetrachloro-m-xylene

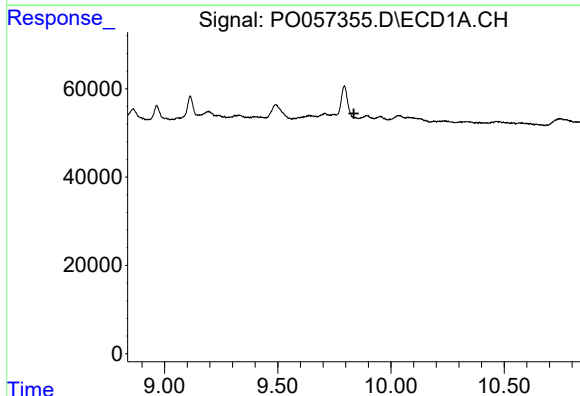
R.T.: 4.285 min
Delta R.T.: 0.029 min
Response: 782522
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



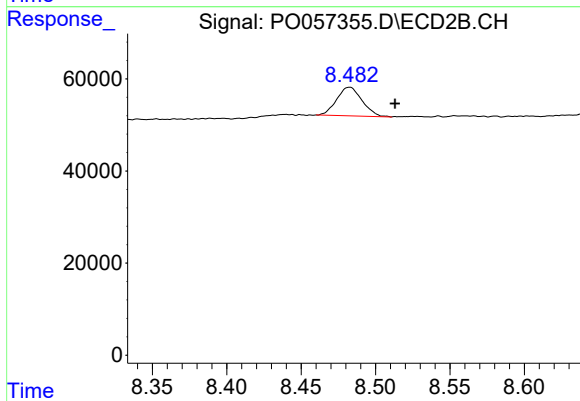
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: -0.013 min
Response: 144625
Conc: 4.39 ng/ml



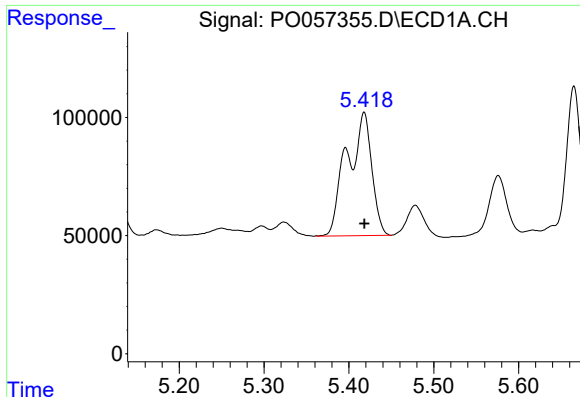
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

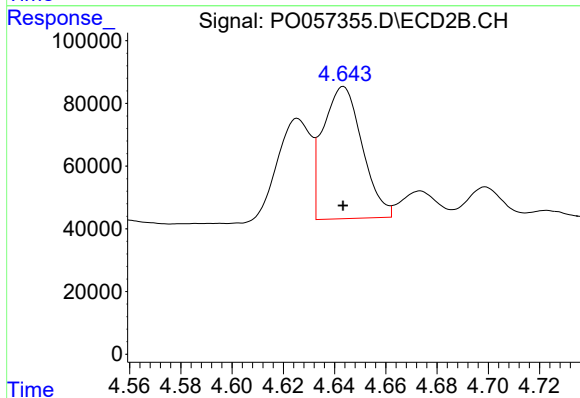
R.T.: 8.482 min
Delta R.T.: -0.031 min
Response: 73774
Conc: 2.07 ng/ml



#3 AR-1016-1

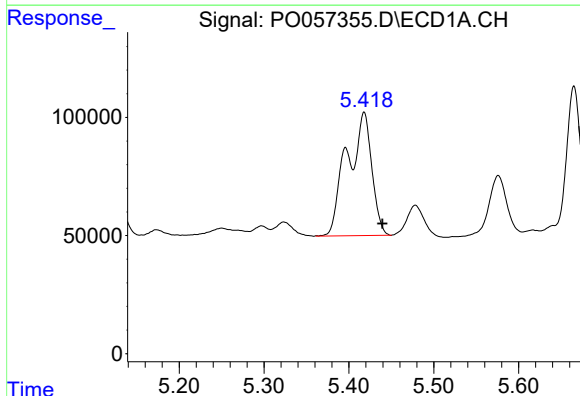
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 1055144
Conc: 586.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



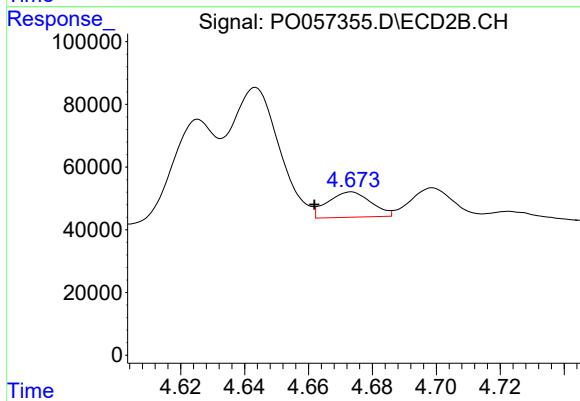
#3 AR-1016-1

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 447067
Conc: 355.24 ng/ml



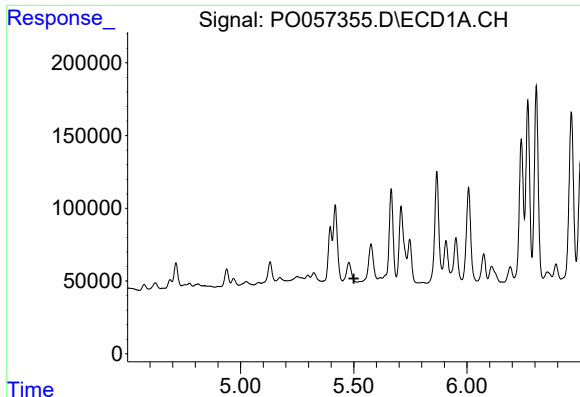
#4 AR-1016-2

R.T.: 5.418 min
Delta R.T.: -0.022 min
Response: 1055144
Conc: 420.20 ng/ml



#4 AR-1016-2

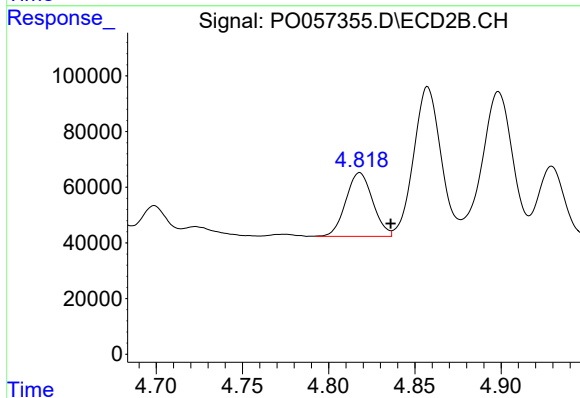
R.T.: 4.674 min
Delta R.T.: 0.012 min
Response: 76031
Conc: 42.20 ng/ml



#5 AR-1016-3

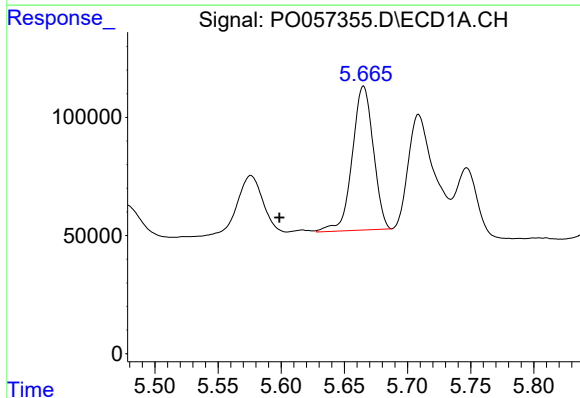
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



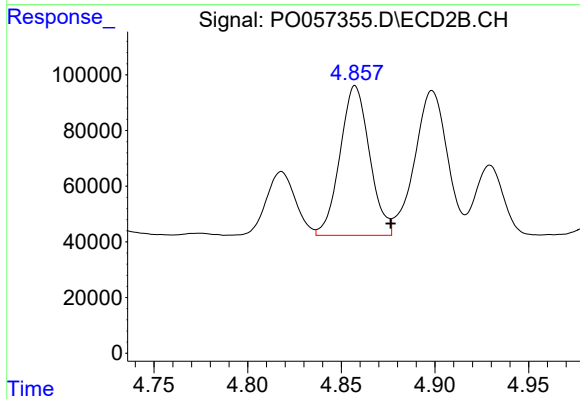
#5 AR-1016-3

R.T.: 4.818 min
Delta R.T.: -0.018 min
Response: 247079
Conc: 250.60 ng/ml



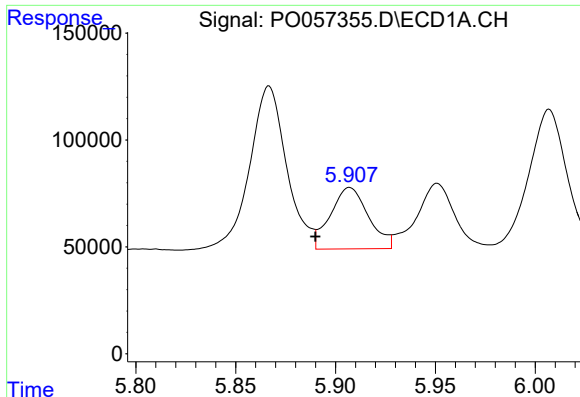
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: 0.067 min
Response: 704482
Conc: 537.04 ng/ml



#6 AR-1016-4

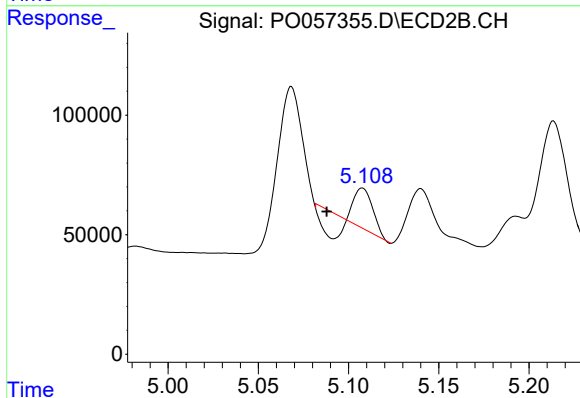
R.T.: 4.857 min
Delta R.T.: -0.019 min
Response: 590486
Conc: 713.28 ng/ml



#7 AR-1016-5

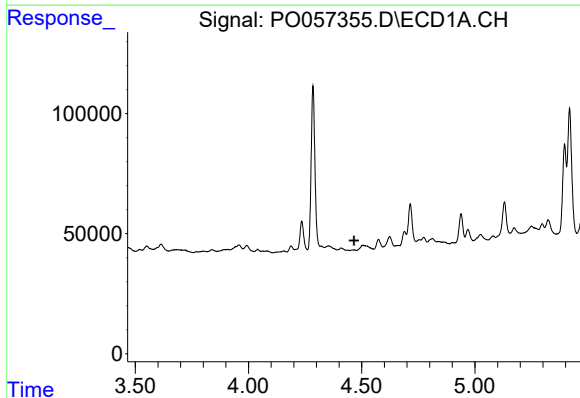
R.T.: 5.907 min
Delta R.T.: 0.017 min
Response: 380584
Conc: 275.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



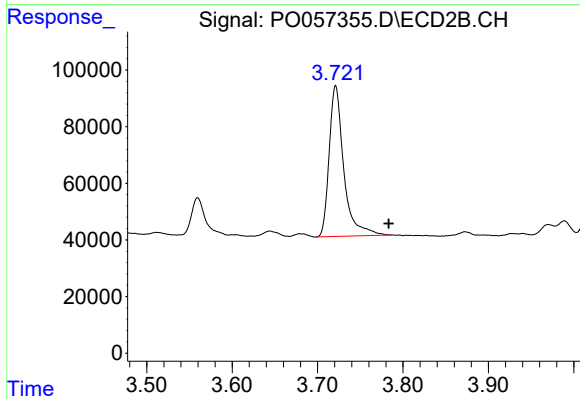
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: 0.020 min
Response: 74693
Conc: 69.63 ng/ml



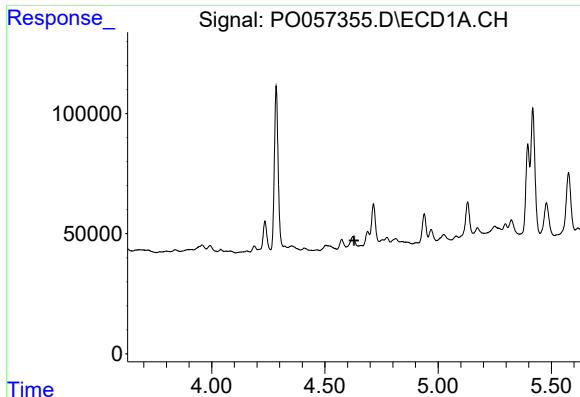
#8 AR-1221-1

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



#8 AR-1221-1

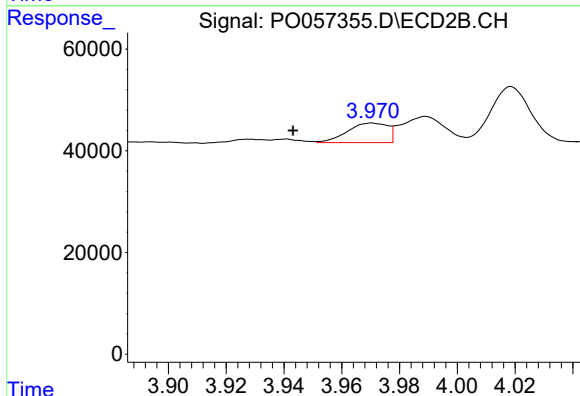
R.T.: 3.721 min
Delta R.T.: -0.062 min
Response: 633444
Conc: 1249.02 ng/ml



#10 AR-1221-3

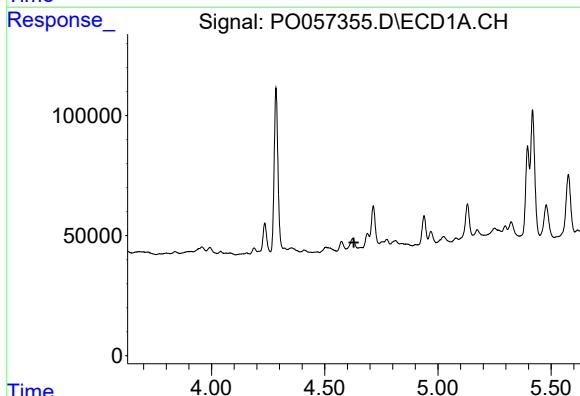
R.T.: 0.000 min
Exp R.T.: 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



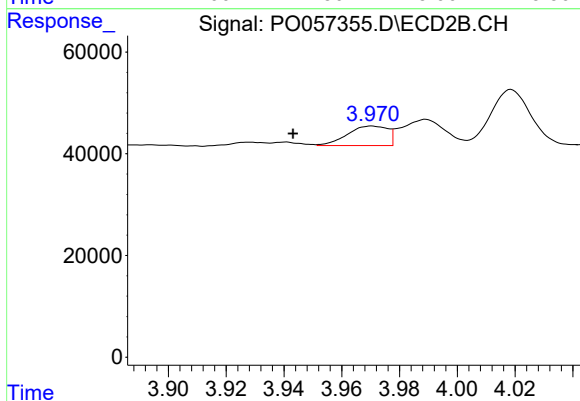
#10 AR-1221-3

R.T.: 3.970 min
Delta R.T.: 0.027 min
Response: 37108
Conc: 31.00 ng/ml



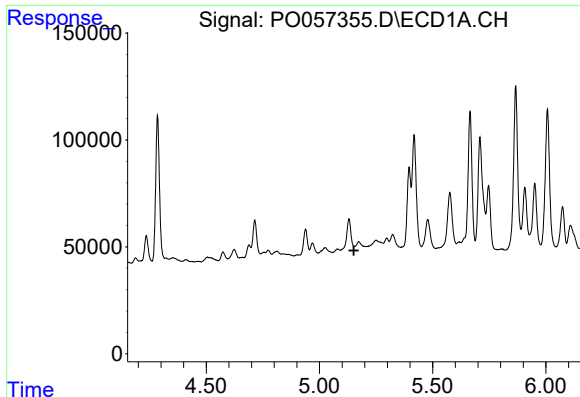
#11 AR-1232-1

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



#11 AR-1232-1

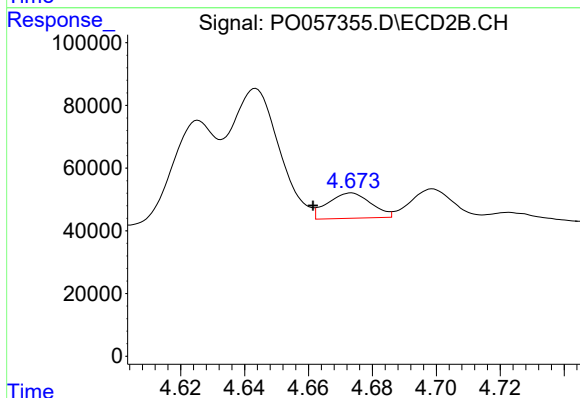
R.T.: 3.970 min
Delta R.T.: 0.027 min
Response: 37108
Conc: 41.31 ng/ml



#12 AR-1232-2

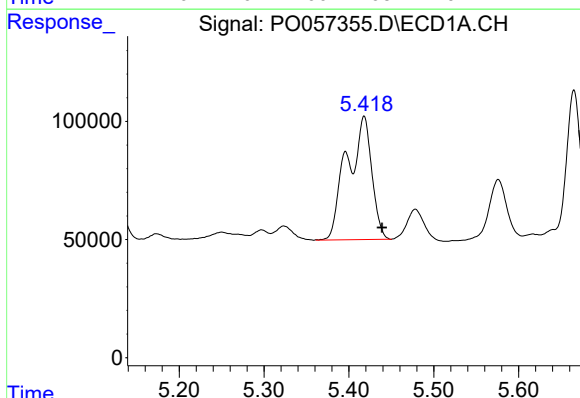
R.T.: 0.000 min
Exp R.T.: 5.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



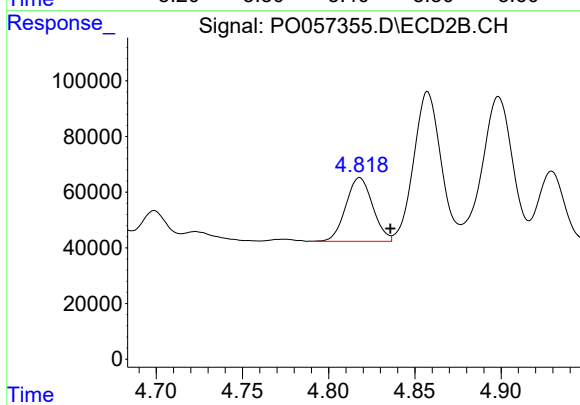
#12 AR-1232-2

R.T.: 4.674 min
Delta R.T.: 0.012 min
Response: 76031
Conc: 78.23 ng/ml



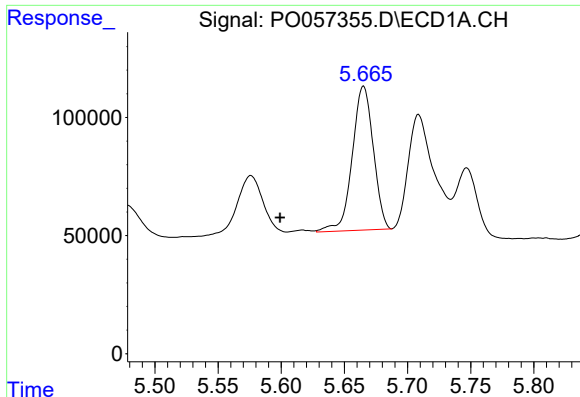
#13 AR-1232-3

R.T.: 5.418 min
Delta R.T.: -0.021 min
Response: 1055144
Conc: 743.77 ng/ml



#13 AR-1232-3

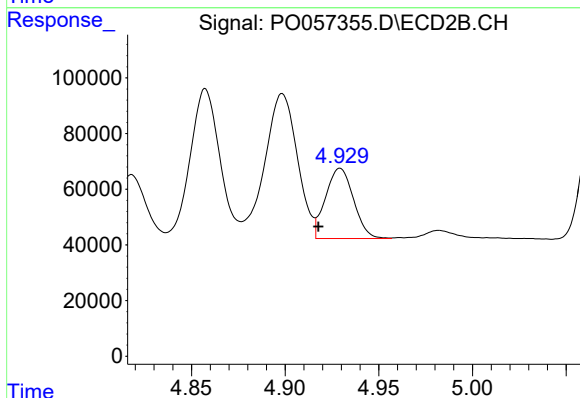
R.T.: 4.818 min
Delta R.T.: -0.018 min
Response: 247079
Conc: 472.16 ng/ml



#14 AR-1232-4

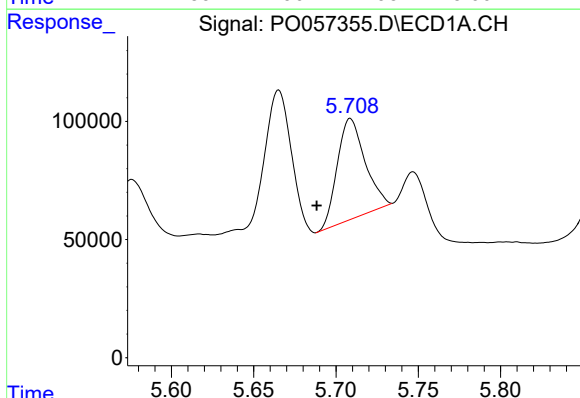
R.T.: 5.665 min
Delta R.T.: 0.066 min
Response: 704482
Conc: 1000.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



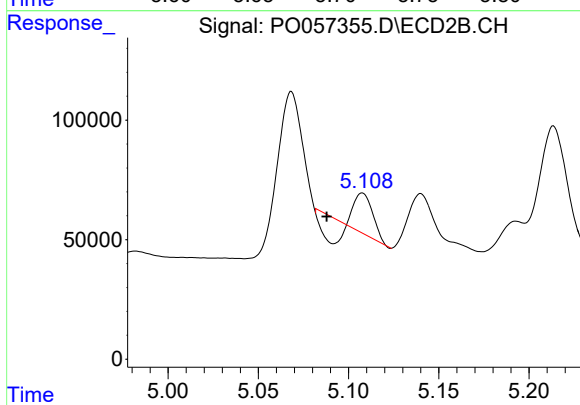
#14 AR-1232-4

R.T.: 4.929 min
Delta R.T.: 0.012 min
Response: 262549
Conc: 532.89 ng/ml



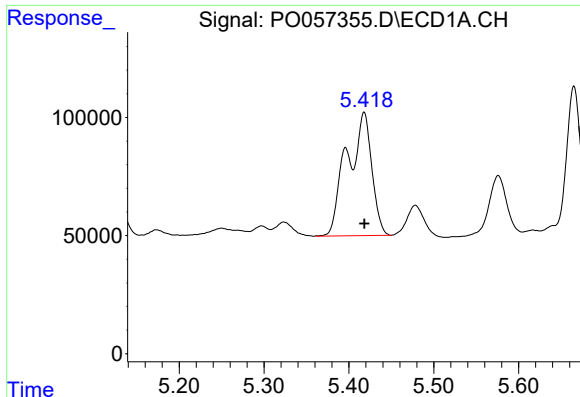
#15 AR-1232-5

R.T.: 5.709 min
Delta R.T.: 0.021 min
Response: 499983
Conc: 884.32 ng/ml



#15 AR-1232-5

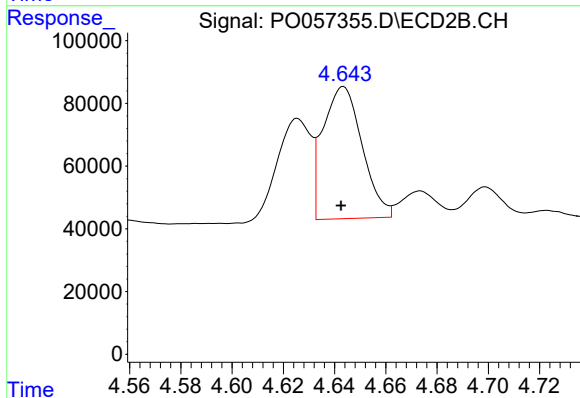
R.T.: 5.108 min
Delta R.T.: 0.020 min
Response: 74693
Conc: 132.61 ng/ml



#16 AR-1242-1

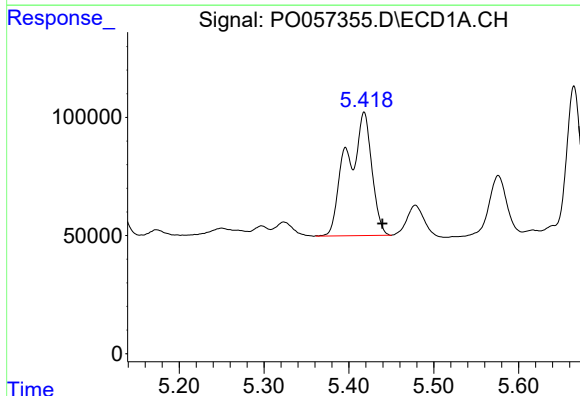
R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 1055144
Conc: 611.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



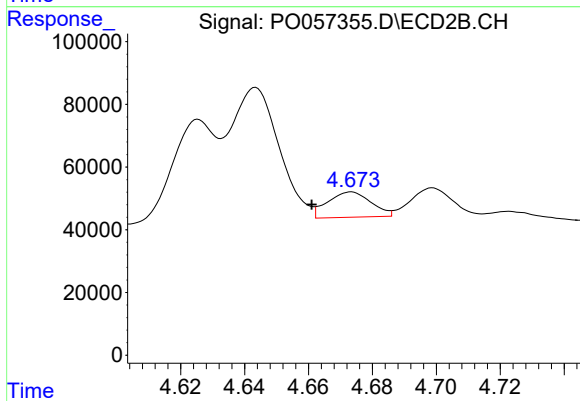
#16 AR-1242-1

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 447067
Conc: 360.95 ng/ml



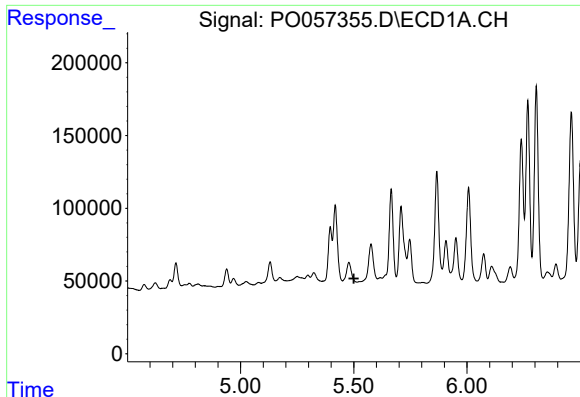
#17 AR-1242-2

R.T.: 5.418 min
Delta R.T.: -0.022 min
Response: 1055144
Conc: 415.61 ng/ml



#17 AR-1242-2

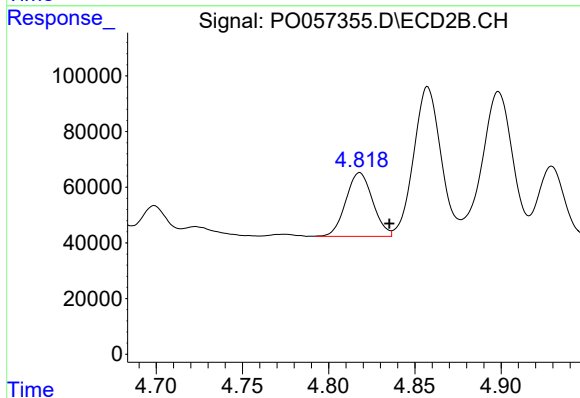
R.T.: 4.674 min
Delta R.T.: 0.013 min
Response: 76031
Conc: 42.28 ng/ml



#18 AR-1242-3

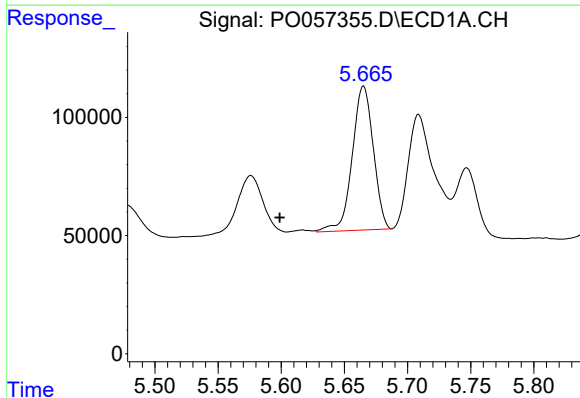
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



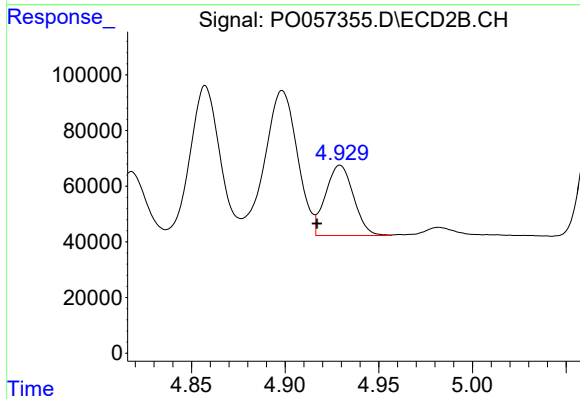
#18 AR-1242-3

R.T.: 4.818 min
Delta R.T.: -0.017 min
Response: 247079
Conc: 251.33 ng/ml



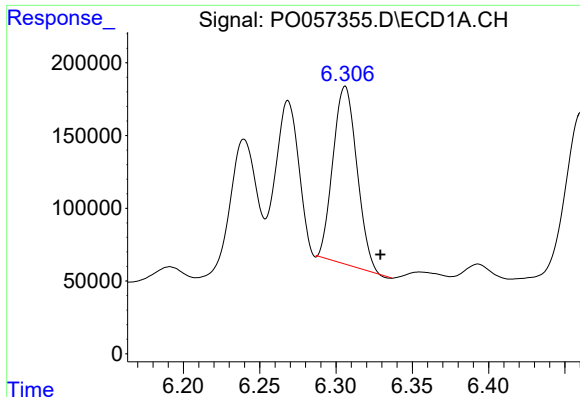
#19 AR-1242-4

R.T.: 5.665 min
Delta R.T.: 0.066 min
Response: 704482
Conc: 527.02 ng/ml



#19 AR-1242-4

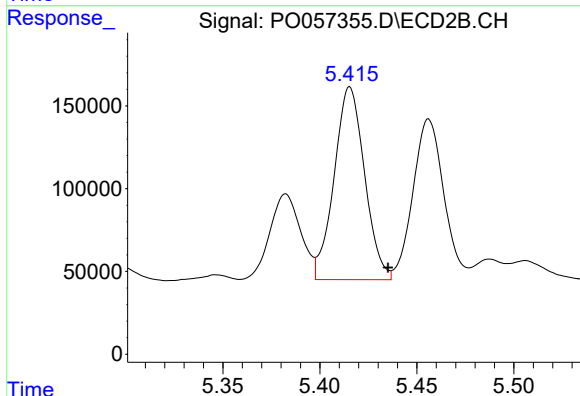
R.T.: 4.929 min
Delta R.T.: 0.012 min
Response: 262549
Conc: 269.81 ng/ml



#20 AR-1242-5

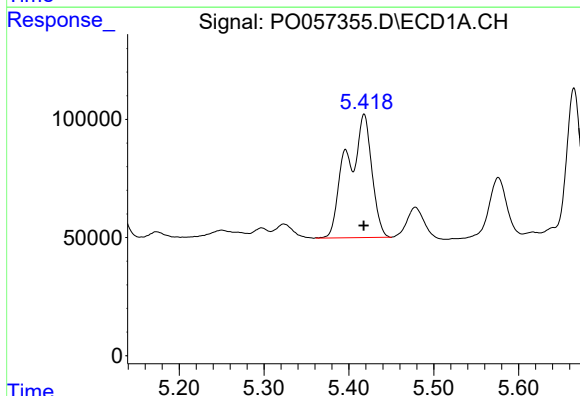
R.T.: 6.306 min
Delta R.T.: -0.023 min
Response: 1333405
Conc: 808.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



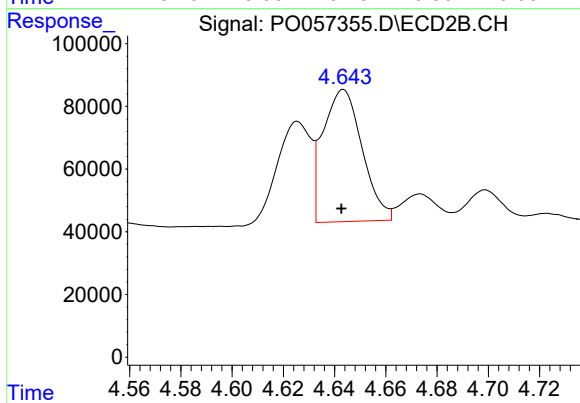
#20 AR-1242-5

R.T.: 5.415 min
Delta R.T.: -0.020 min
Response: 1271835
Conc: 1075.76 ng/ml



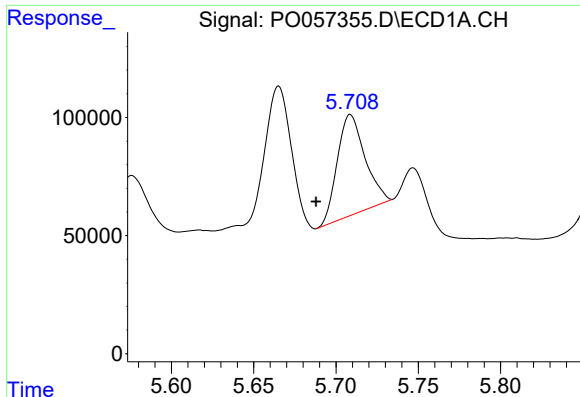
#21 AR-1248-1

R.T.: 5.418 min
Delta R.T.: 0.000 min
Response: 1055144
Conc: 818.88 ng/ml



#21 AR-1248-1

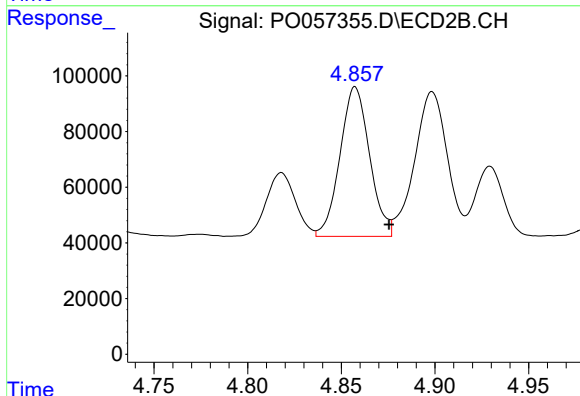
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 447067
Conc: 477.37 ng/ml



#22 AR-1248-2

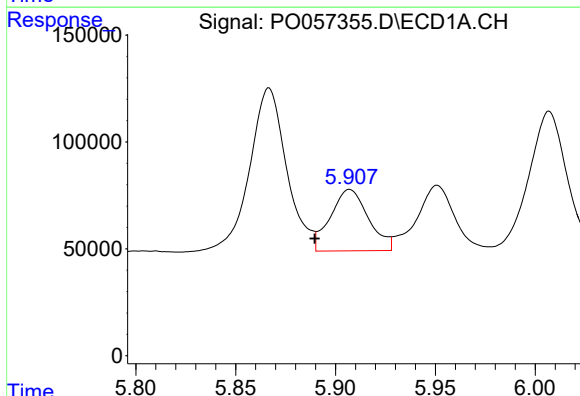
R.T.: 5.709 min
Delta R.T.: 0.021 min
Response: 499983
Conc: 268.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



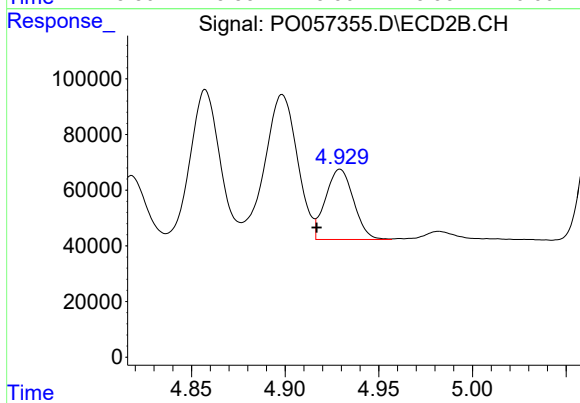
#22 AR-1248-2

R.T.: 4.857 min
Delta R.T.: -0.018 min
Response: 590486
Conc: 464.79 ng/ml



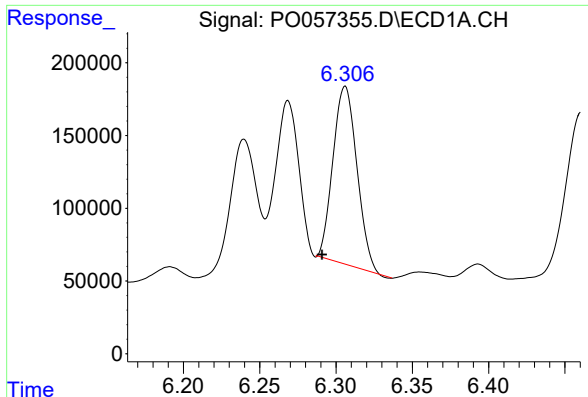
#23 AR-1248-3

R.T.: 5.907 min
Delta R.T.: 0.018 min
Response: 380584
Conc: 185.53 ng/ml



#23 AR-1248-3

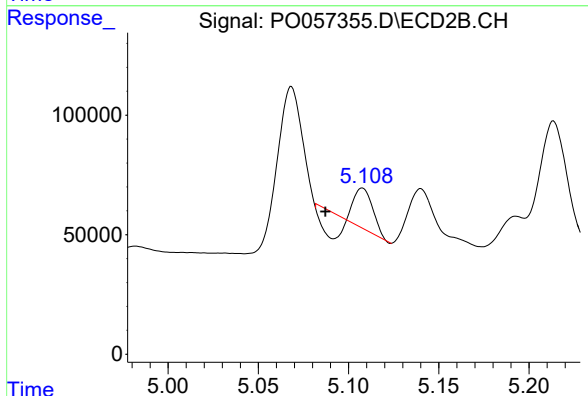
R.T.: 4.929 min
Delta R.T.: 0.013 min
Response: 262549
Conc: 201.05 ng/ml



#24 AR-1248-4

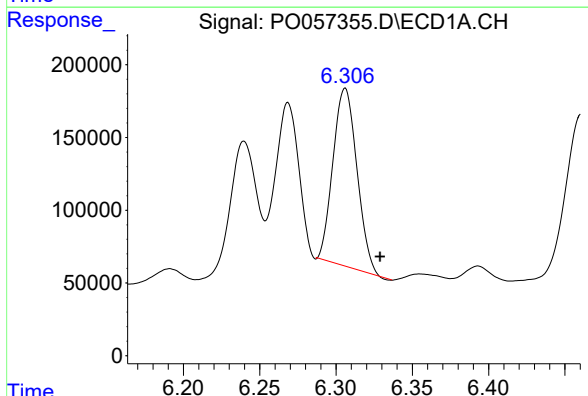
R.T.: 6.306 min
Delta R.T.: 0.015 min
Response: 1333405
Conc: 576.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



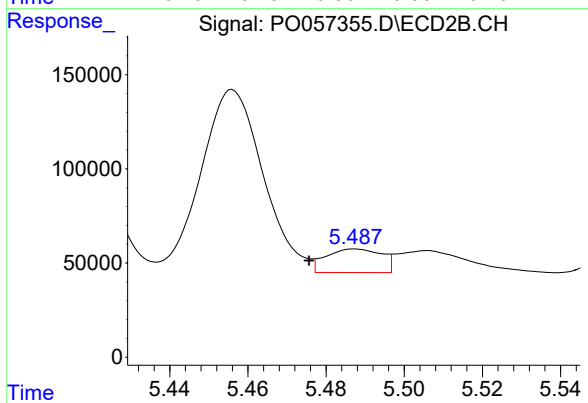
#24 AR-1248-4

R.T.: 5.108 min
Delta R.T.: 0.021 min
Response: 74693
Conc: 47.17 ng/ml



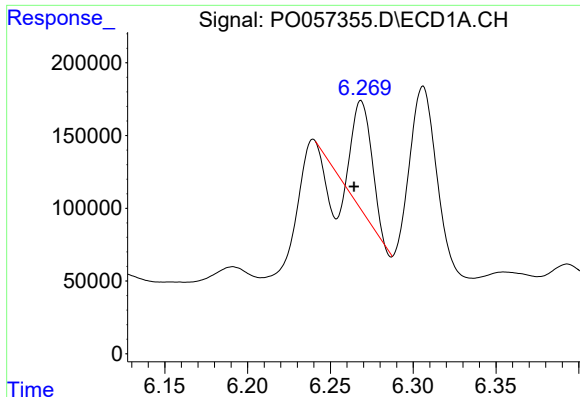
#25 AR-1248-5

R.T.: 6.306 min
Delta R.T.: -0.023 min
Response: 1333405
Conc: 606.26 ng/ml



#25 AR-1248-5

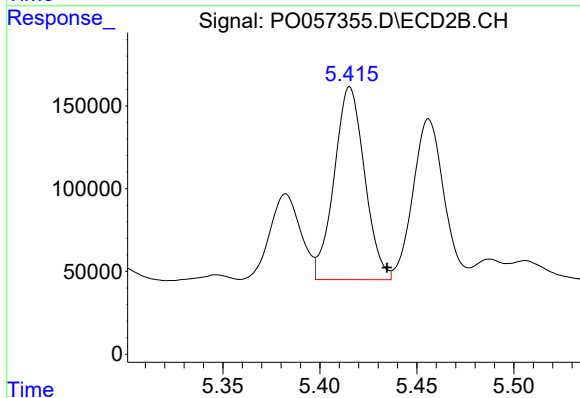
R.T.: 5.487 min
Delta R.T.: 0.012 min
Response: 123547
Conc: 74.65 ng/ml



#26 AR-1254-1

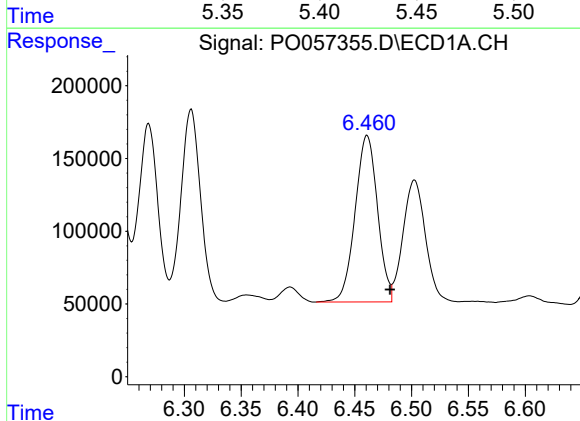
R.T.: 6.269 min
Delta R.T.: 0.004 min
Response: 419730
Conc: 152.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



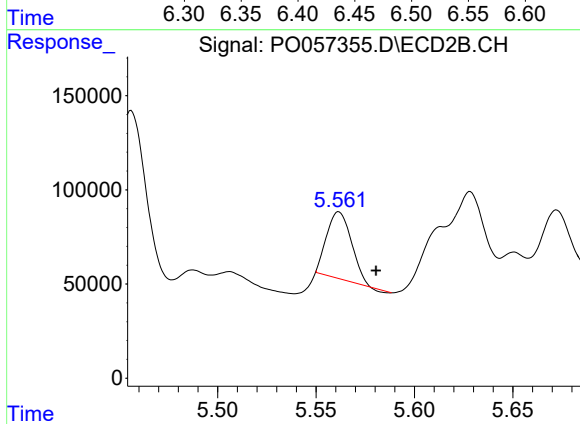
#26 AR-1254-1

R.T.: 5.415 min
Delta R.T.: -0.019 min
Response: 1271835
Conc: 480.89 ng/ml



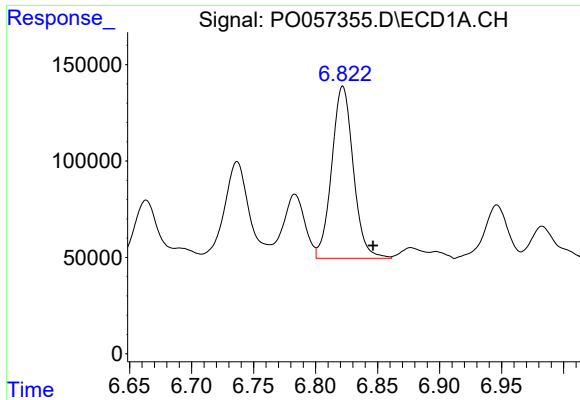
#27 AR-1254-2

R.T.: 6.461 min
Delta R.T.: -0.020 min
Response: 1574873
Conc: 405.47 ng/ml



#27 AR-1254-2

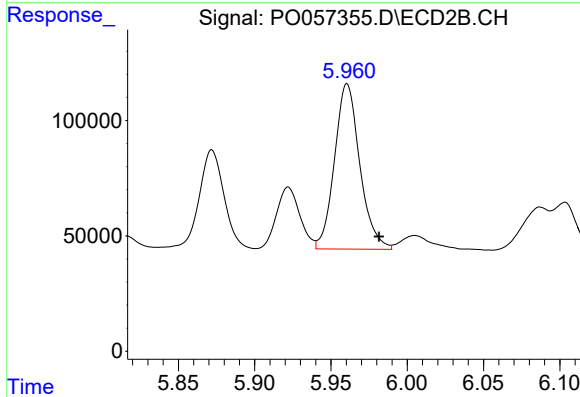
R.T.: 5.562 min
Delta R.T.: -0.019 min
Response: 308009
Conc: 142.87 ng/ml



#28 AR-1254-3

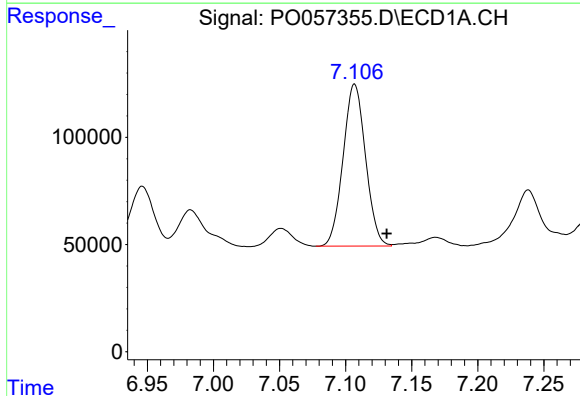
R.T.: 6.822 min
Delta R.T.: -0.024 min
Response: 1081805
Conc: 262.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



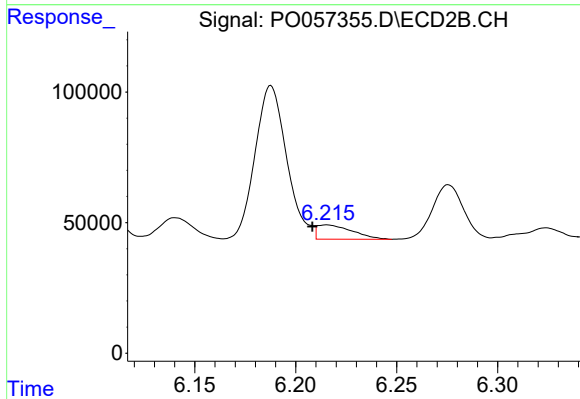
#28 AR-1254-3

R.T.: 5.961 min
Delta R.T.: -0.021 min
Response: 827844
Conc: 226.12 ng/ml



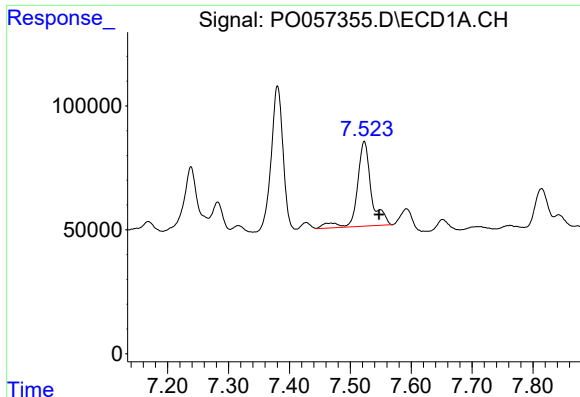
#29 AR-1254-4

R.T.: 7.107 min
Delta R.T.: -0.024 min
Response: 892157
Conc: 296.41 ng/ml



#29 AR-1254-4

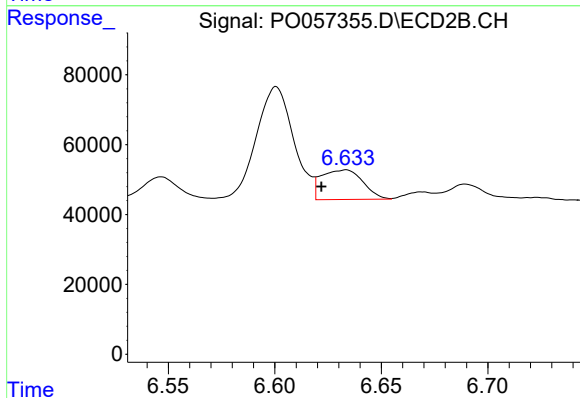
R.T.: 6.215 min
Delta R.T.: 0.007 min
Response: 65749
Conc: 29.93 ng/ml



#30 AR-1254-5

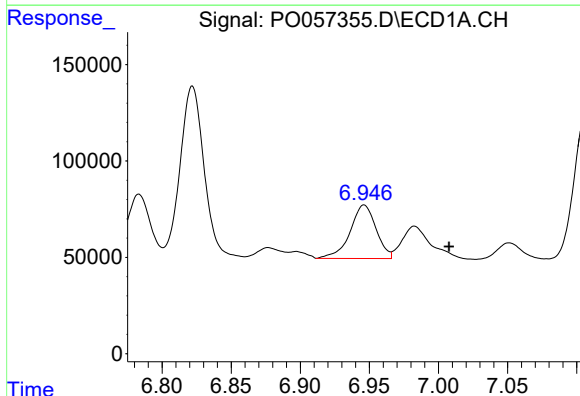
R.T.: 7.523 min
Delta R.T.: -0.024 min
Response: 550473
Conc: 146.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



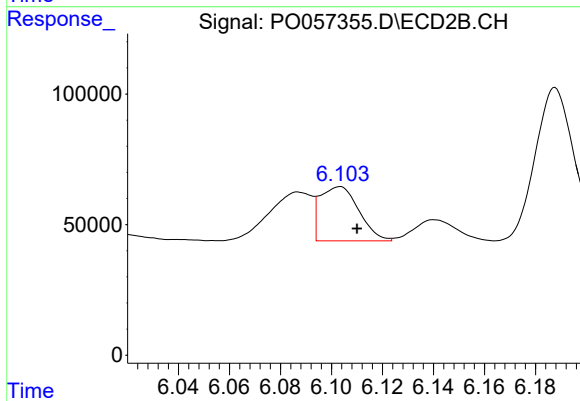
#30 AR-1254-5

R.T.: 6.633 min
Delta R.T.: 0.011 min
Response: 114800
Conc: 36.21 ng/ml



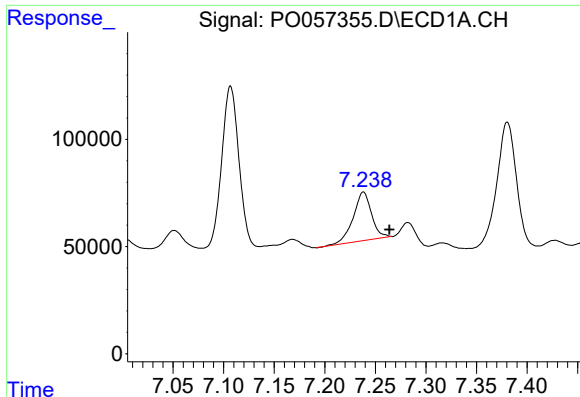
#31 AR-1260-1

R.T.: 6.946 min
Delta R.T.: -0.061 min
Response: 364207
Conc: 141.93 ng/ml



#31 AR-1260-1

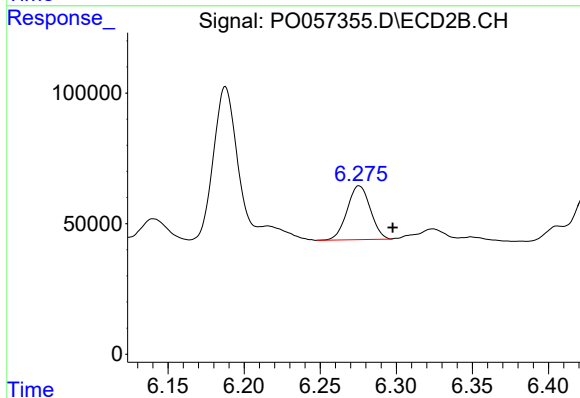
R.T.: 6.103 min
Delta R.T.: -0.007 min
Response: 219753
Conc: 109.86 ng/ml



#32 AR-1260-2

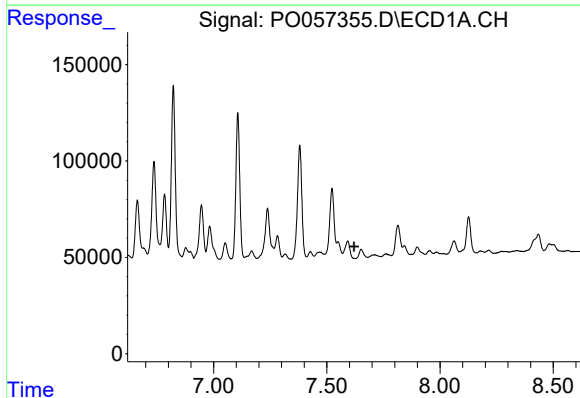
R.T.: 7.238 min
Delta R.T.: -0.026 min
Response: 286179
Conc: 94.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



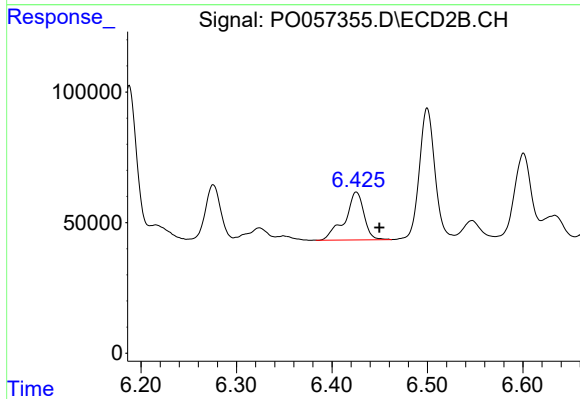
#32 AR-1260-2

R.T.: 6.276 min
Delta R.T.: -0.022 min
Response: 218255
Conc: 88.54 ng/ml



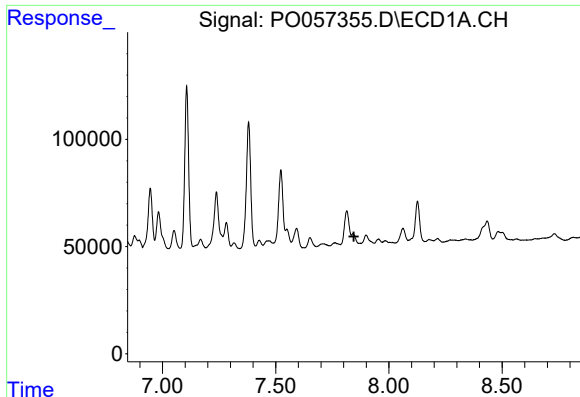
#33 AR-1260-3

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



#33 AR-1260-3

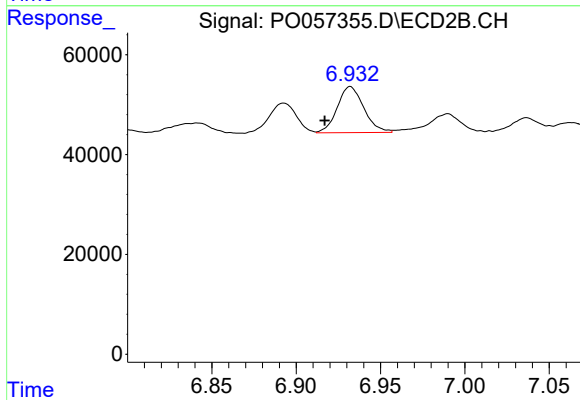
R.T.: 6.426 min
Delta R.T.: -0.024 min
Response: 255052
Conc: 113.70 ng/ml



#34 AR-1260-4

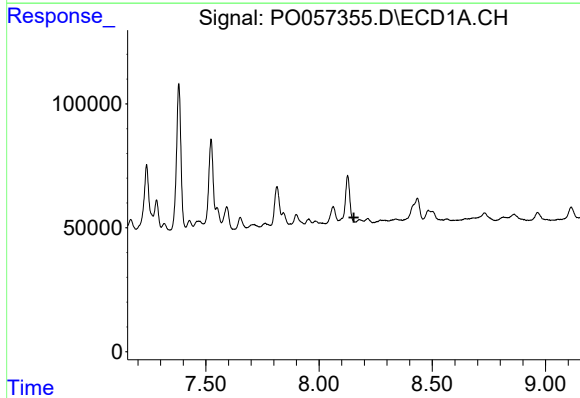
R.T.: 0.000 min
Exp R.T. : 7.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



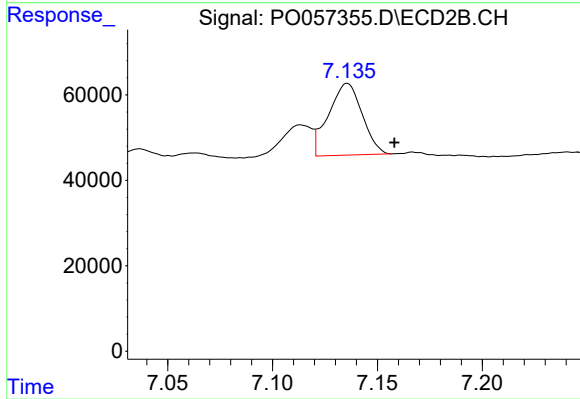
#34 AR-1260-4

R.T.: 6.932 min
Delta R.T.: 0.015 min
Response: 100763
Conc: 54.14 ng/ml



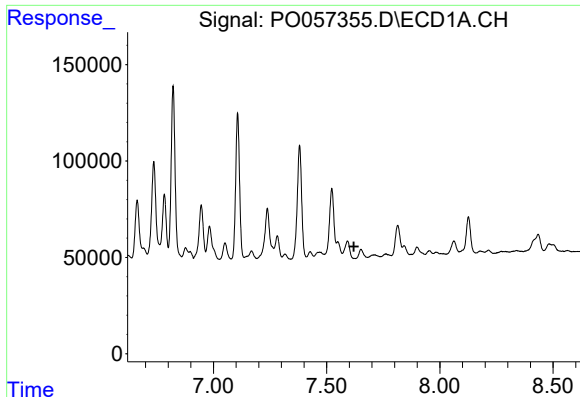
#35 AR-1260-5

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



#35 AR-1260-5

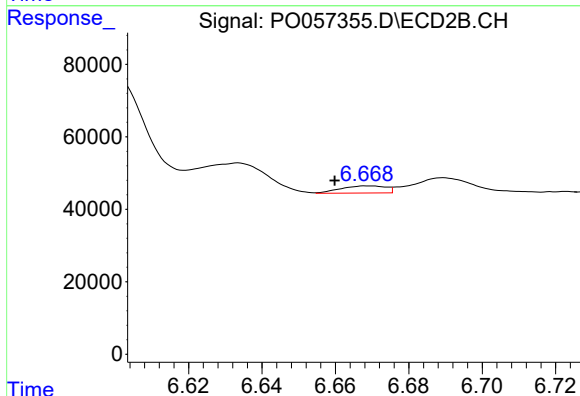
R.T.: 7.136 min
Delta R.T.: -0.022 min
Response: 187411
Conc: 43.46 ng/ml



#36 AR-1262-1

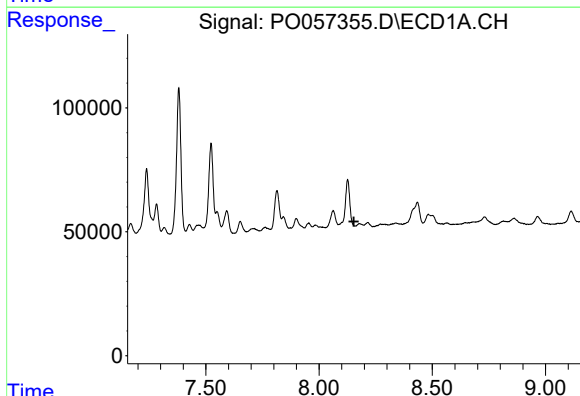
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



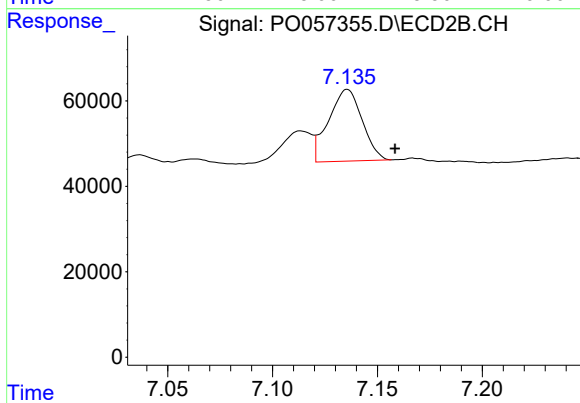
#36 AR-1262-1

R.T.: 6.669 min
Delta R.T.: 0.009 min
Response: 16731
Conc: 4.01 ng/ml



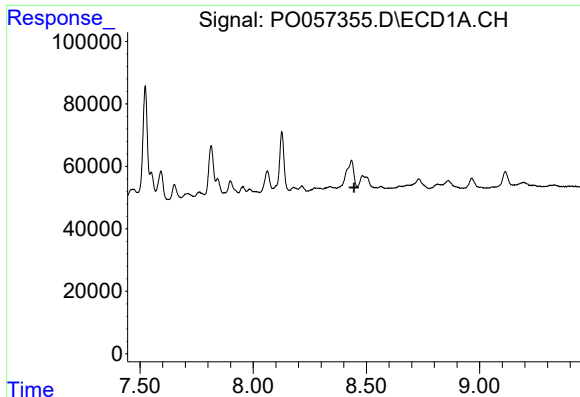
#37 AR-1262-2

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



#37 AR-1262-2

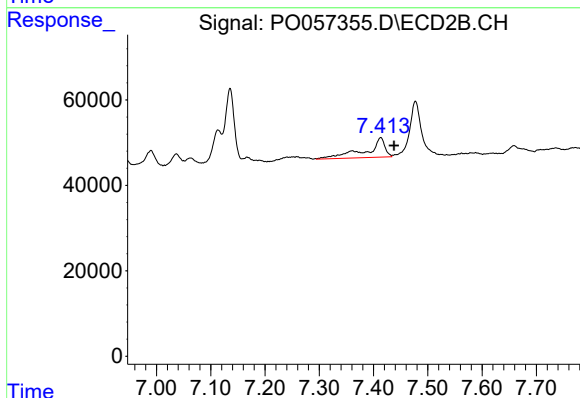
R.T.: 7.136 min
Delta R.T.: -0.023 min
Response: 187411
Conc: 27.28 ng/ml



#38 AR-1262-3

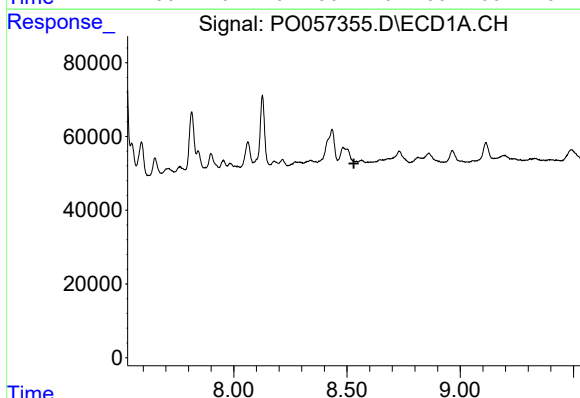
R.T.: 0.000 min
Exp R.T.: 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



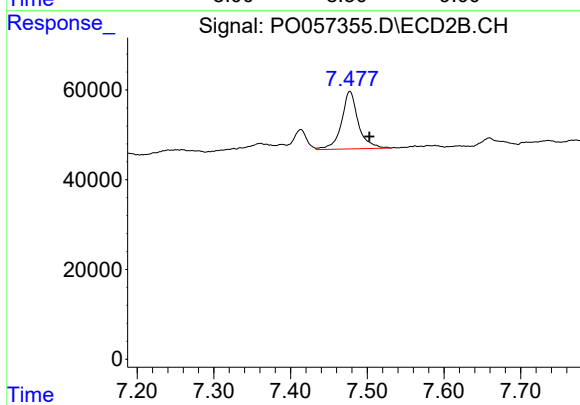
#38 AR-1262-3

R.T.: 7.413 min
Delta R.T.: -0.025 min
Response: 110655
Conc: 37.47 ng/ml



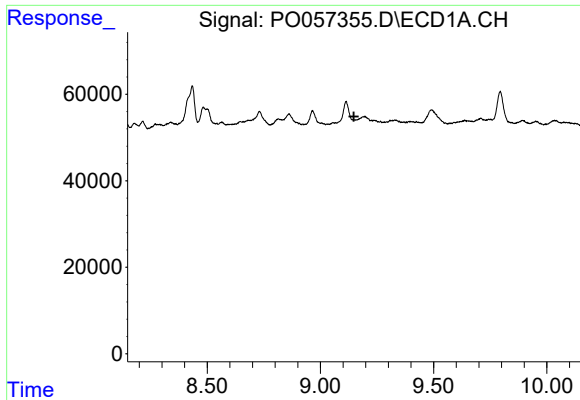
#39 AR-1262-4

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



#39 AR-1262-4

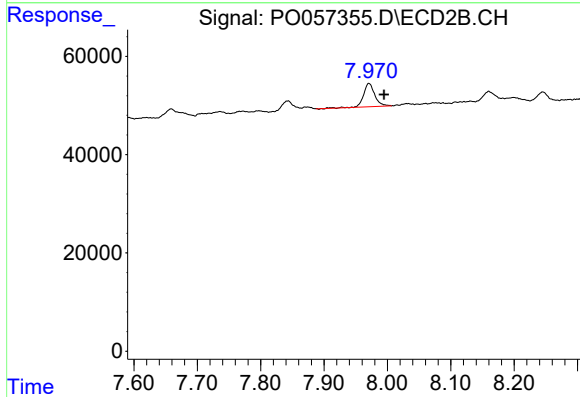
R.T.: 7.477 min
Delta R.T.: -0.026 min
Response: 195435
Conc: 37.51 ng/ml



#40 AR-1262-5

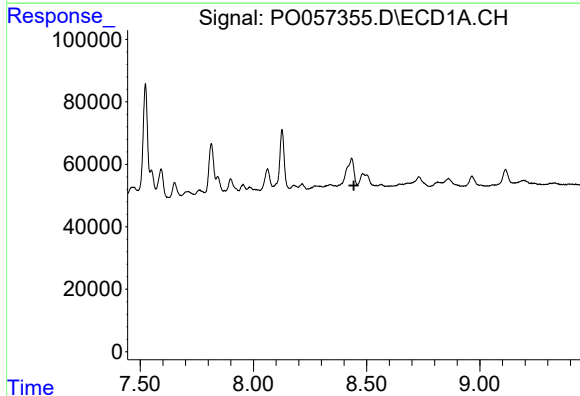
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



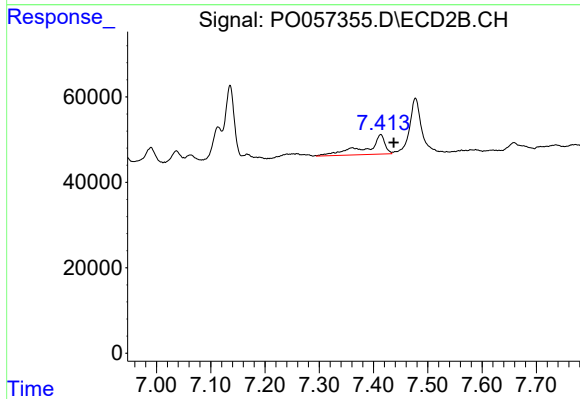
#40 AR-1262-5

R.T.: 7.971 min
Delta R.T.: -0.024 min
Response: 58183
Conc: 25.06 ng/ml



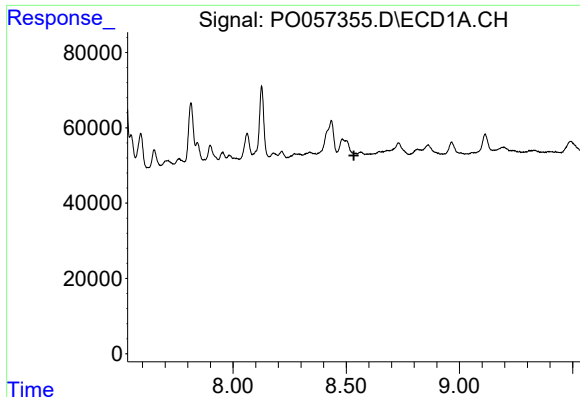
#41 AR-1268-1

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



#41 AR-1268-1

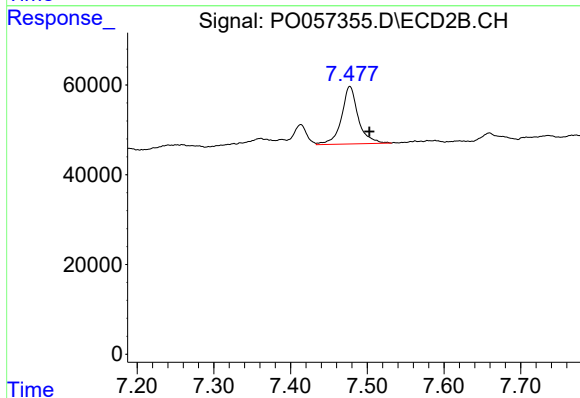
R.T.: 7.413 min
Delta R.T.: -0.024 min
Response: 110655
Conc: 14.82 ng/ml



#42 AR-1268-2

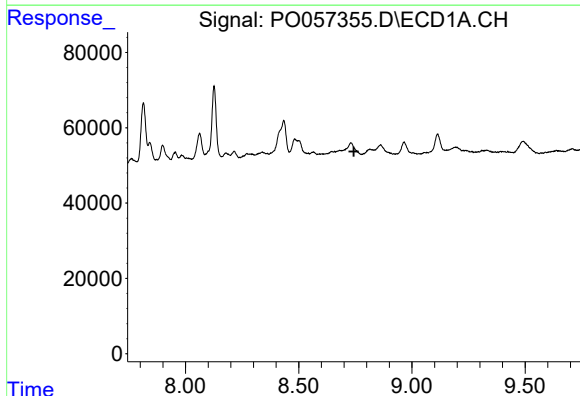
R.T.: 0.000 min
Exp R.T.: 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



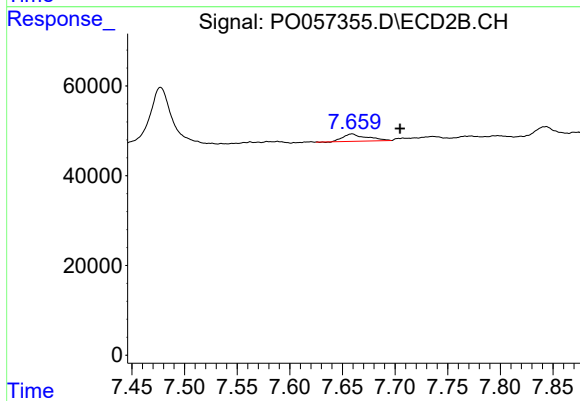
#42 AR-1268-2

R.T.: 7.477 min
Delta R.T.: -0.026 min
Response: 195435
Conc: 27.99 ng/ml



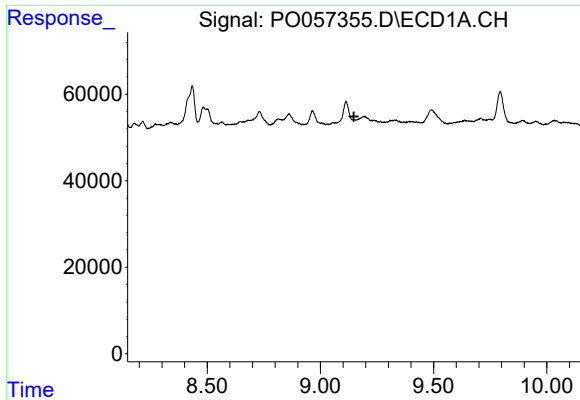
#43 AR-1268-3

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



#43 AR-1268-3

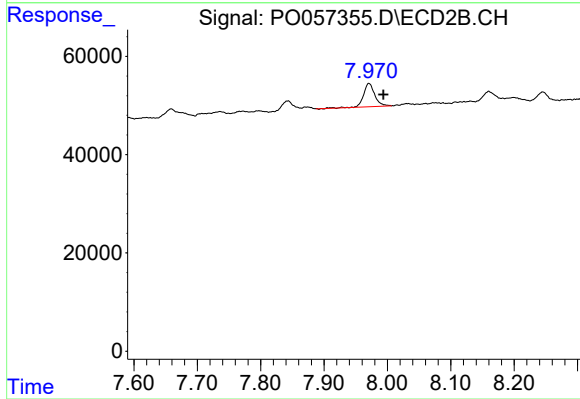
R.T.: 7.659 min
Delta R.T.: -0.046 min
Response: 25097
Conc: 4.23 ng/ml



#44 AR-1268-4

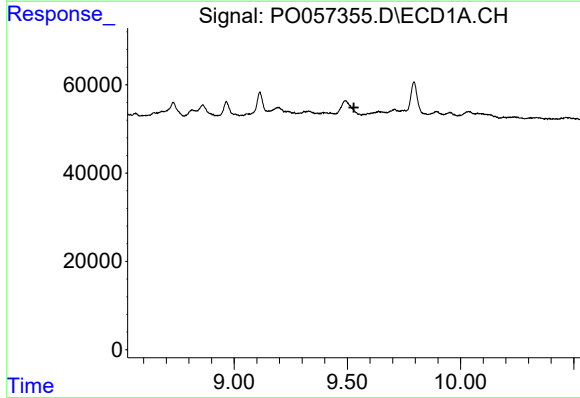
R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



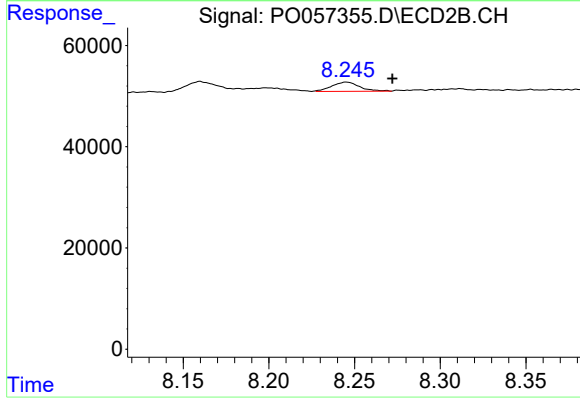
#44 AR-1268-4

R.T.: 7.971 min
Delta R.T.: -0.023 min
Response: 58183
Conc: 24.93 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.245 min
Delta R.T.: -0.027 min
Response: 20278
Conc: 1.17 ng/ml