

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031419\
 Data File : P0054401.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Mar 2019 18:20
 Operator : SM/SJ
 Sample : K1870-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:44:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 14 14:30:04 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...	4.014	3.105	47683199	6914148	9.682	27.211 #
2)	SA Decachlor...	9.320	7.666	19786631	4045035	14.363	13.677
Target Compounds							
4)	L1 AR-1016-2	0.000	4.151	0	299064	N.D.	16.108 #
5)	L1 AR-1016-3	0.000	4.279	0	564668	N.D.	57.735 #
6)	L1 AR-1016-4	0.000	4.279	0	564668	N.D.	73.600 #
7)	L1 AR-1016-5	5.555	4.466	660136	299910	9.525	29.500 #
9)	L2 AR-1221-2	4.313	0.000	590593	0	18.556	N.D. #
10)	L2 AR-1221-3	0.000	3.475	0	726854	N.D.	94.934 #
11)	L3 AR-1232-1	0.000	3.475	0	726854	N.D.	107.954 #
12)	L3 AR-1232-2	0.000	4.151	0	299064	N.D.	33.068 #
13)	L3 AR-1232-3	0.000	4.279	0	564668	N.D.	127.835 #
14)	L3 AR-1232-4	0.000	4.314	0	508185	N.D.	139.125 #
15)	L3 AR-1232-5	5.403	4.466	1993304	299910	96.507	69.976 #
17)	L4 AR-1242-2	0.000	4.151	0	299064	N.D.	19.272 #
18)	L4 AR-1242-3	0.000	4.279	0	564668	N.D.	68.989 #
19)	L4 AR-1242-4	0.000	4.314	0	508185	N.D.	66.842 #
20)	L4 AR-1242-5	6.033	4.785	1727450	3458166	29.156	329.703 #
21)	L5 AR-1248-1	0.000	4.151	0	299064	N.D.	25.420 #
22)	L5 AR-1248-2	5.403	4.279	1993304	564668	16.980	39.521 #
23)	L5 AR-1248-3	5.555	4.314	660136	508185	5.059	35.390 #
24)	L5 AR-1248-4	5.965	4.466	12302213	299910	87.898	16.502 #
25)	L5 AR-1248-5	6.033	4.849	1727450	781128	12.596	41.096 #
26)	L6 AR-1254-1	5.965	4.785	12302213	3458166	133.013	165.888
27)	L6 AR-1254-2	6.179	4.923	13314517	2110274	95.593	115.951
28)	L6 AR-1254-3	6.538	5.292	16475993	6017851	118.636	216.726 #
29)	L6 AR-1254-4	6.817	5.511	6607729	1615270	65.798	87.292 #
30)	L6 AR-1254-5	7.226	5.896	12081299	3465169	132.176	172.504 #
31)	L7 AR-1260-1	6.690	5.410	5813665	3379757	64.428	184.460 #
32)	L7 AR-1260-2	6.953	5.594	14171584	3255738	127.826	146.170
33)	L7 AR-1260-3	7.288	5.724	2580878	1956010	30.439	95.399 #
34)	L7 AR-1260-4	7.515	6.169	6575874	387861	81.150	23.633 #
35)	L7 AR-1260-5	7.822	6.411	3669795	1328020	20.386	35.128 #
36)	L8 AR-1262-1	7.288	5.922	2580878	721343	18.699	27.333 #
37)	L8 AR-1262-2	7.822	6.411	3669795	1328020	16.051	29.297 #
38)	L8 AR-1262-3	0.000	6.671	0	292698	N.D.	15.359 #
39)	L8 AR-1262-4	0.000	6.734	0	1047680	N.D.	31.099 #
41)	L9 AR-1268-1	0.000	6.671	0	292698	N.D.	5.902 #
42)	L9 AR-1268-2	0.000	6.734	0	1047680	N.D.	22.343 #
45)	L9 AR-1268-5	8.991	7.470	48251434	415782	79.885	3.512 #

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

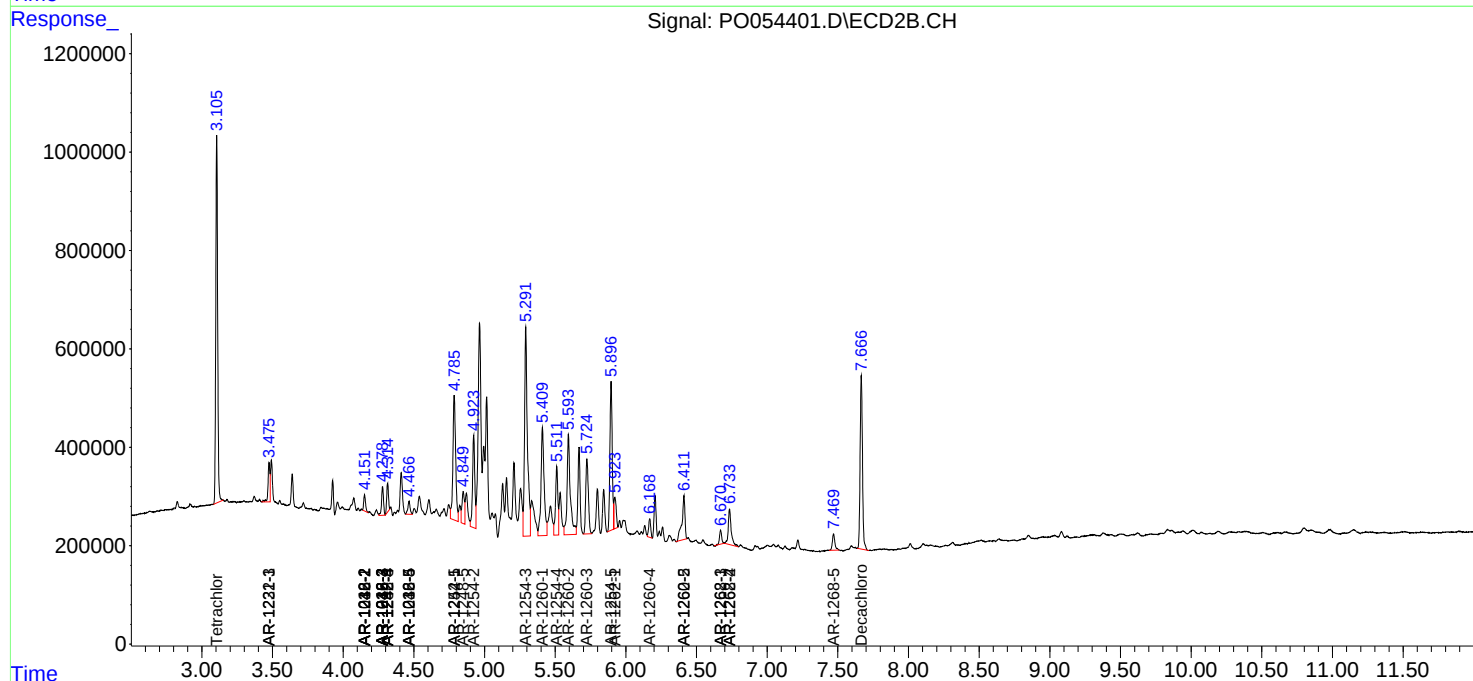
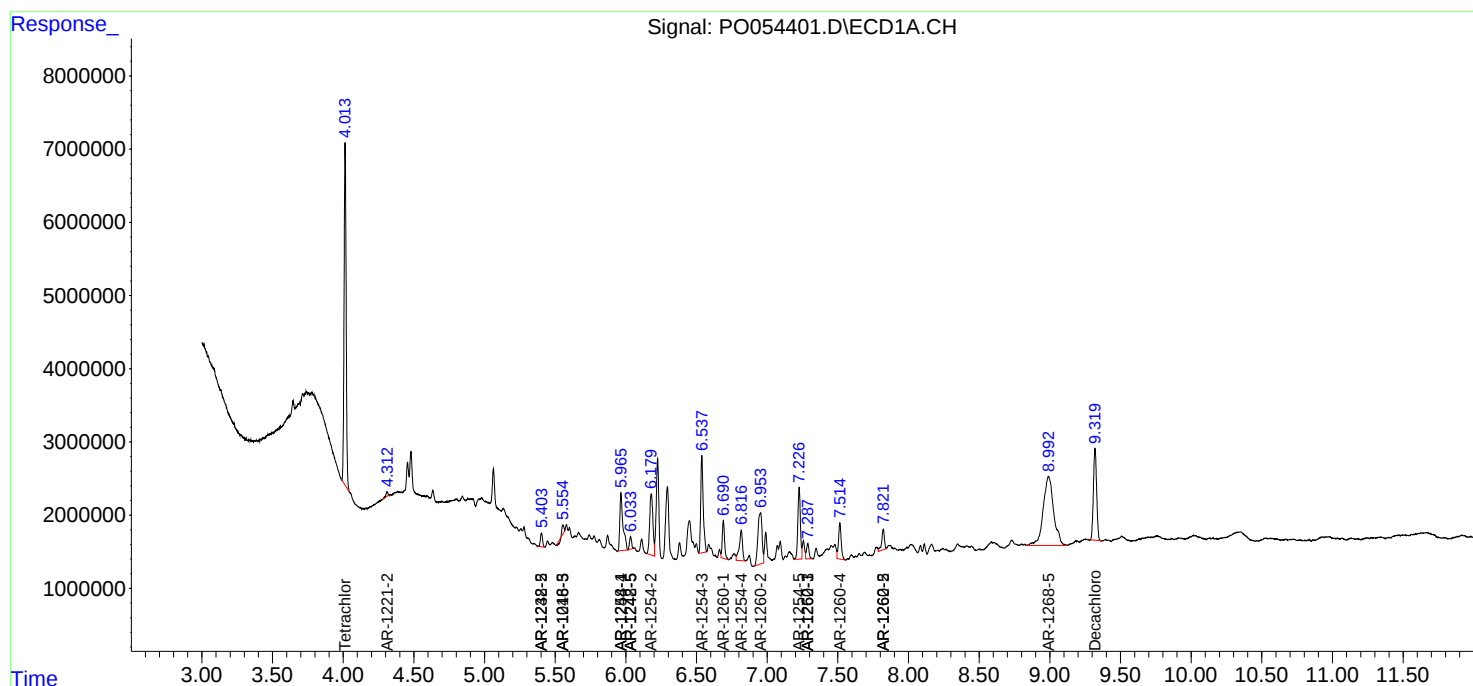
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

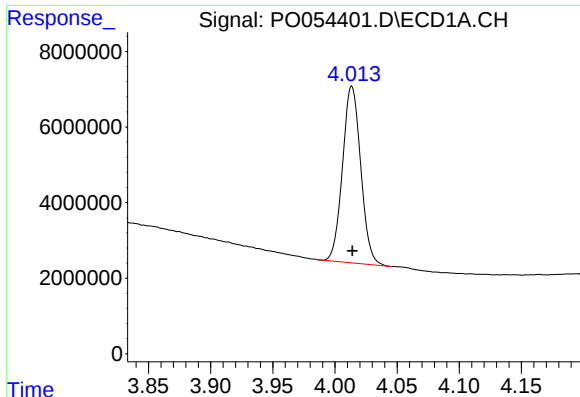
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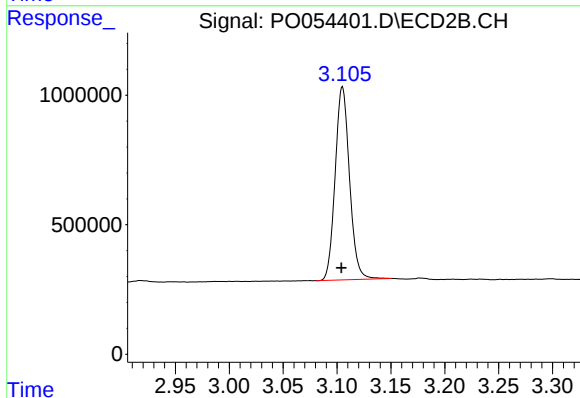




#1 Tetrachloro-m-xylene

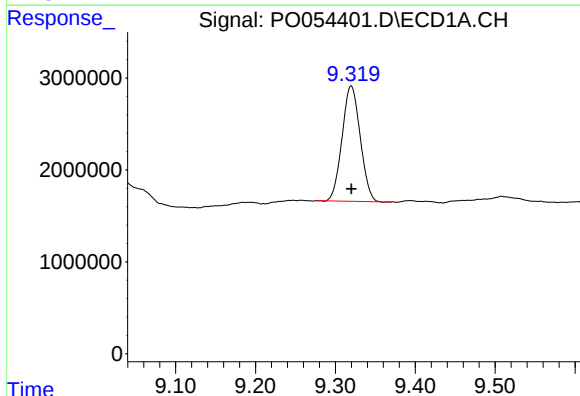
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 47683199
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



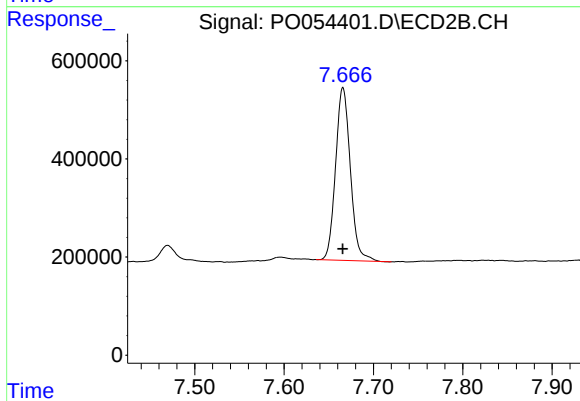
#1 Tetrachloro-m-xylene

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 6914148
Conc: 27.21 ng/ml



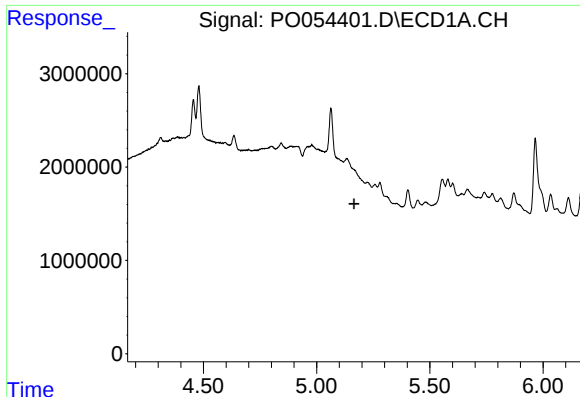
#2 Decachlorobiphenyl

R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 19786631
Conc: 14.36 ng/ml



#2 Decachlorobiphenyl

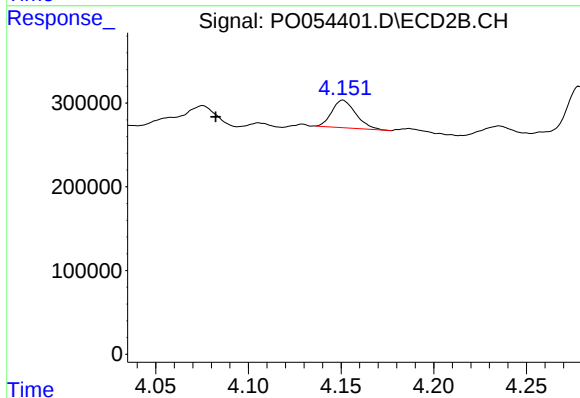
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 4045035
Conc: 13.68 ng/ml



#4 AR-1016-2

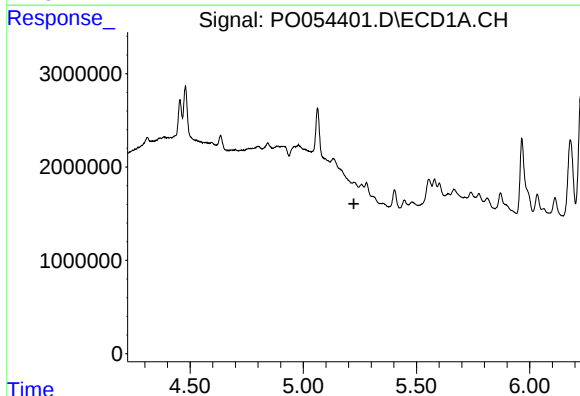
R.T.: 0.000 min
Exp R.T.: 5.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



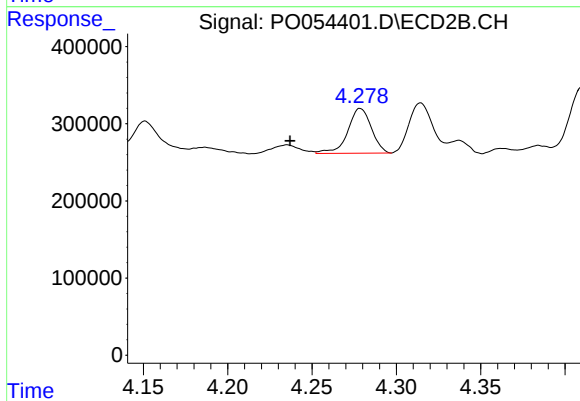
#4 AR-1016-2

R.T.: 4.151 min
Delta R.T.: 0.069 min
Response: 299064
Conc: 16.11 ng/ml



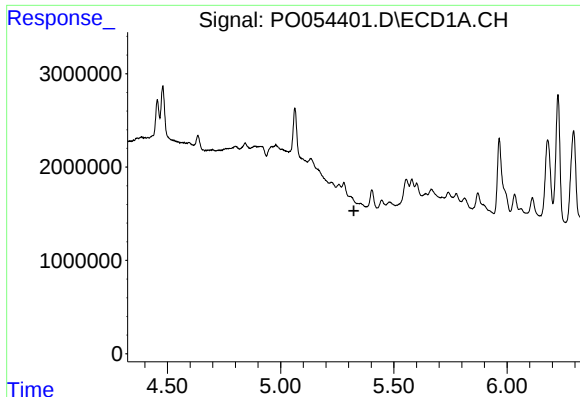
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 5.223 min
Response: 0
Conc: N.D.



#5 AR-1016-3

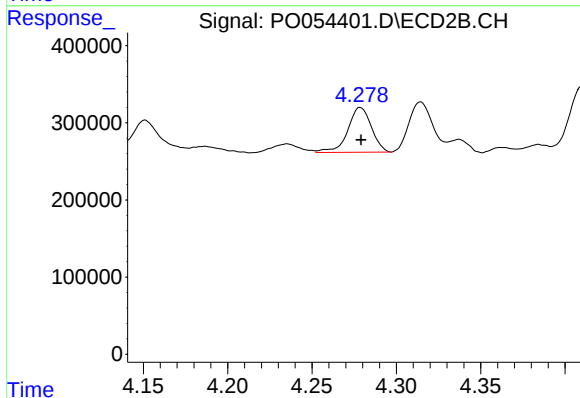
R.T.: 4.279 min
Delta R.T.: 0.042 min
Response: 564668
Conc: 57.73 ng/ml



#6 AR-1016-4

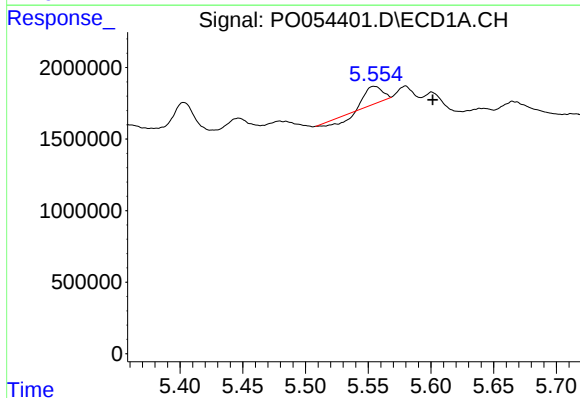
R.T.: 0.000 min
Exp R.T.: 5.323 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



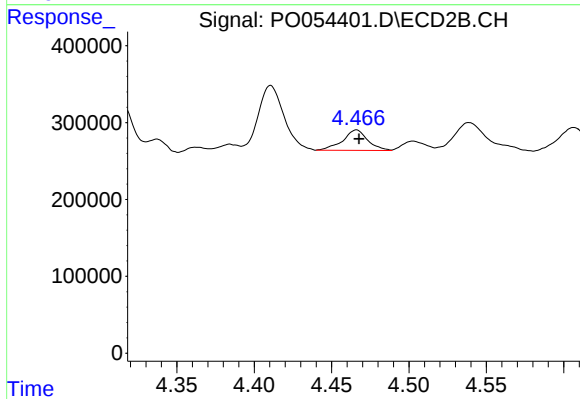
#6 AR-1016-4

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 564668
Conc: 73.60 ng/ml



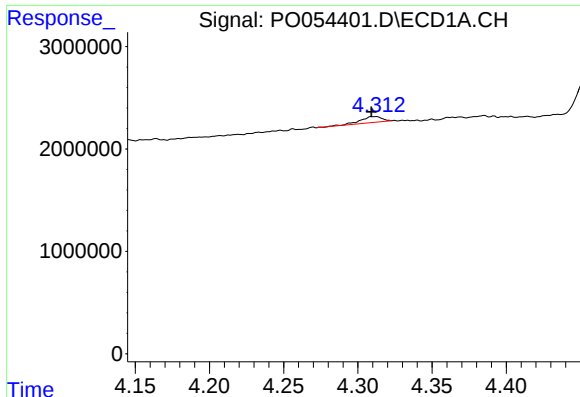
#7 AR-1016-5

R.T.: 5.555 min
Delta R.T.: -0.047 min
Response: 660136
Conc: 9.53 ng/ml



#7 AR-1016-5

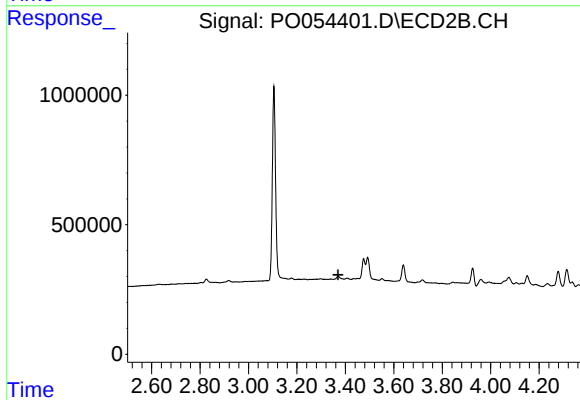
R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 299910
Conc: 29.50 ng/ml



#9 AR-1221-2

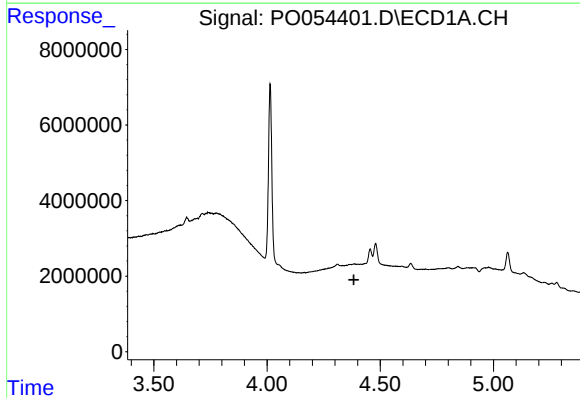
R.T.: 4.313 min
Delta R.T.: 0.003 min
Response: 590593
Conc: 18.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



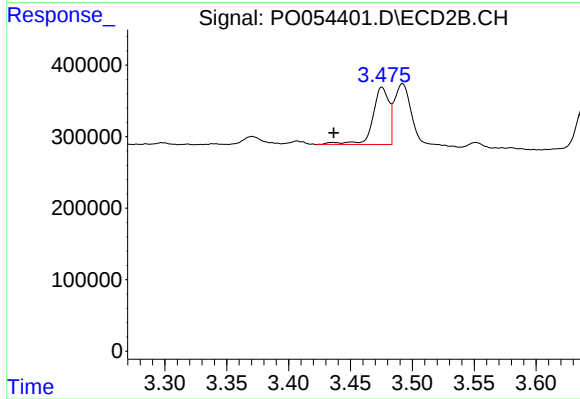
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.370 min
Response: 0
Conc: N.D.



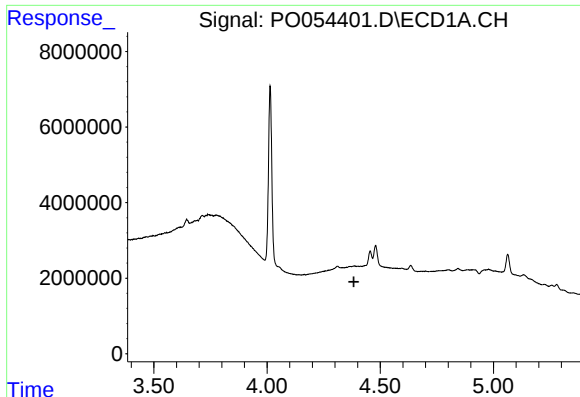
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.383 min
Response: 0
Conc: N.D.



#10 AR-1221-3

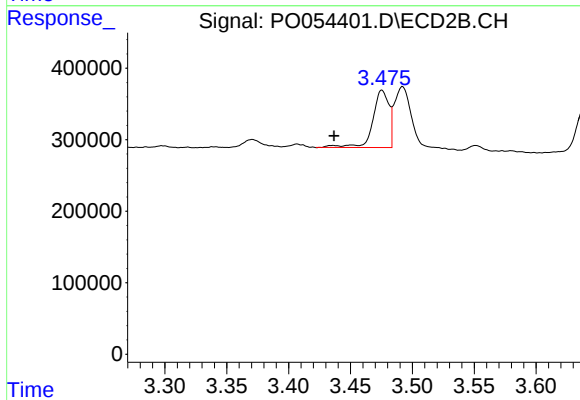
R.T.: 3.475 min
Delta R.T.: 0.039 min
Response: 726854
Conc: 94.93 ng/ml



#11 AR-1232-1

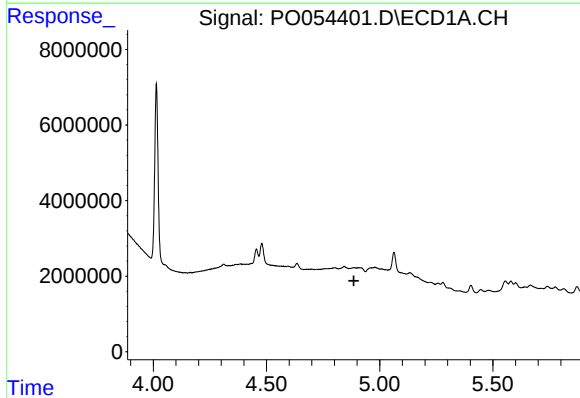
R.T.: 0.000 min
Exp R.T. : 4.384 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



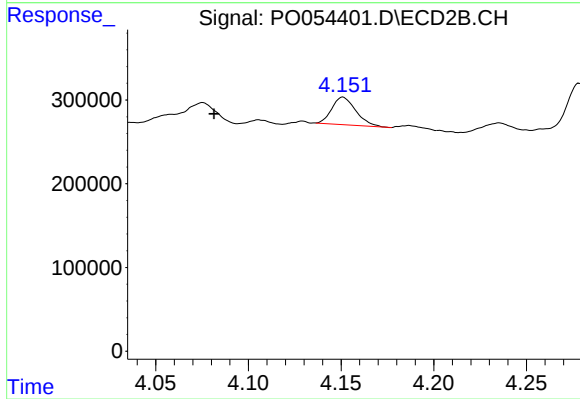
#11 AR-1232-1

R.T.: 3.475 min
Delta R.T.: 0.039 min
Response: 726854
Conc: 107.95 ng/ml



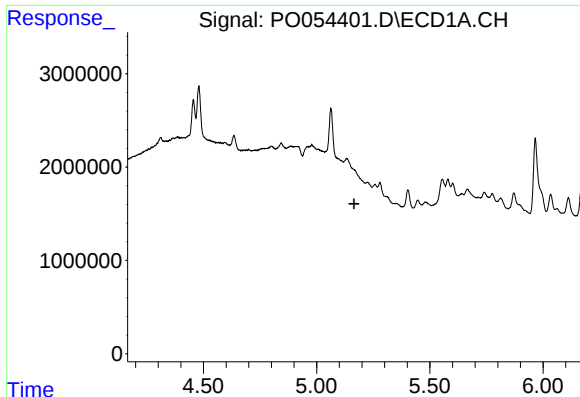
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.886 min
Response: 0
Conc: N.D.



#12 AR-1232-2

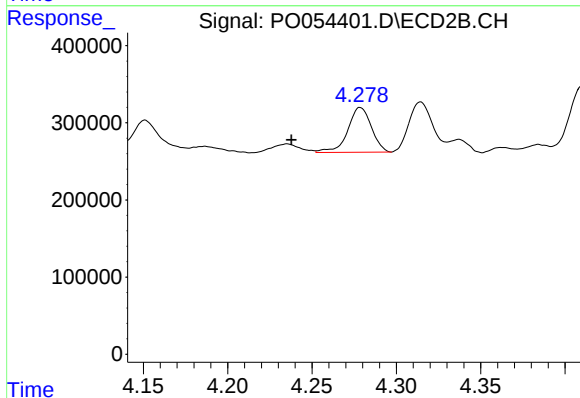
R.T.: 4.151 min
Delta R.T.: 0.070 min
Response: 299064
Conc: 33.07 ng/ml



#13 AR-1232-3

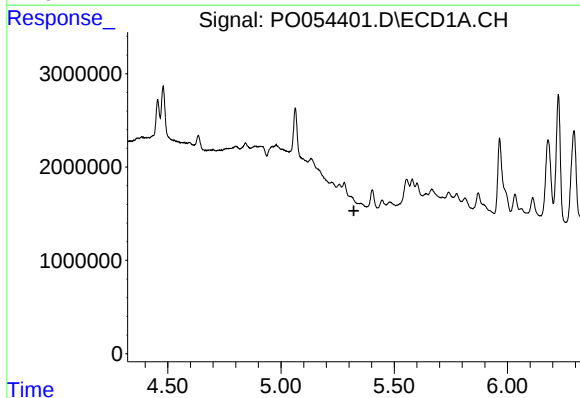
R.T.: 0.000 min
Exp R.T.: 5.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



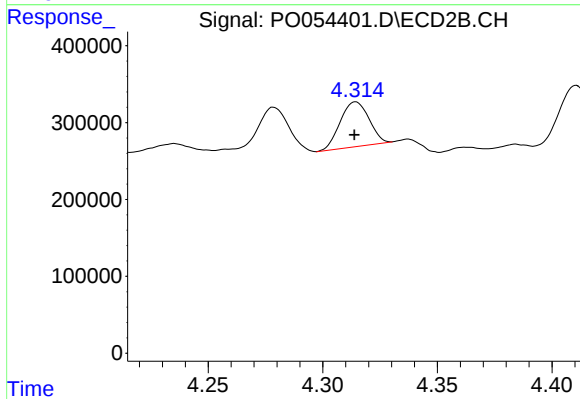
#13 AR-1232-3

R.T.: 4.279 min
Delta R.T.: 0.041 min
Response: 564668
Conc: 127.83 ng/ml



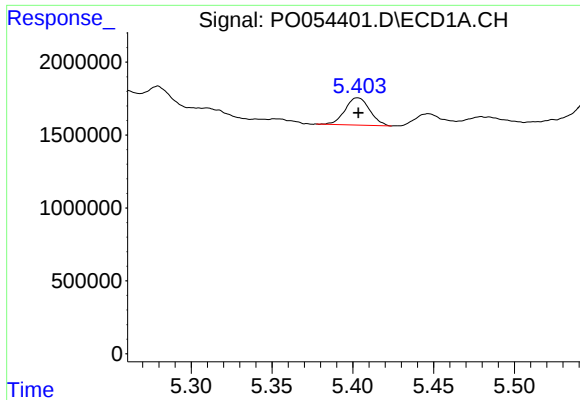
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.322 min
Response: 0
Conc: N.D.



#14 AR-1232-4

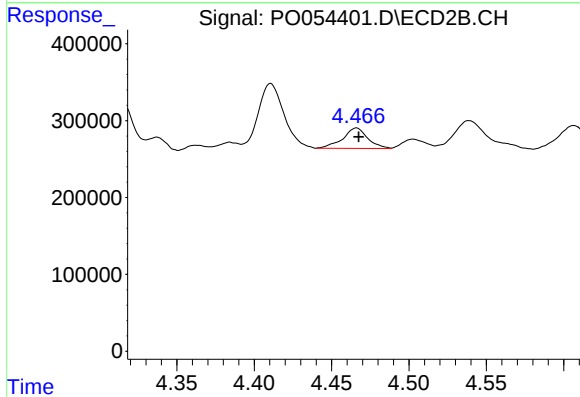
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 508185
Conc: 139.12 ng/ml



#15 AR-1232-5

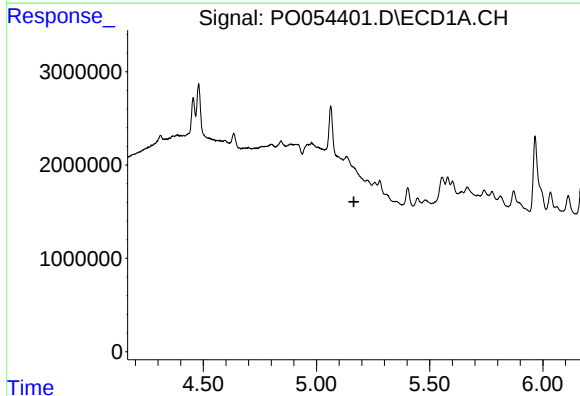
R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 1993304
Conc: 96.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



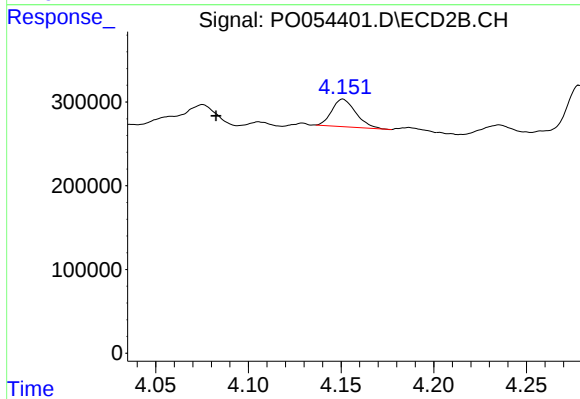
#15 AR-1232-5

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 299910
Conc: 69.98 ng/ml



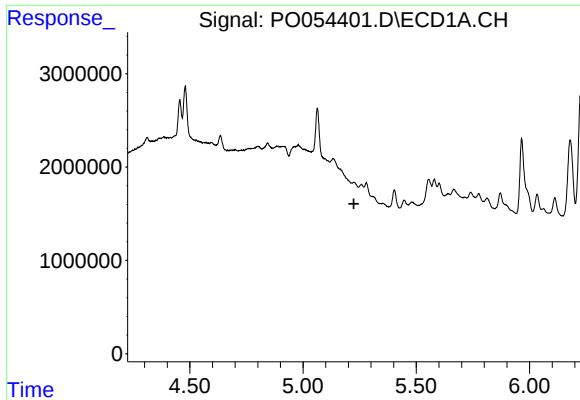
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.165 min
Response: 0
Conc: N.D.



#17 AR-1242-2

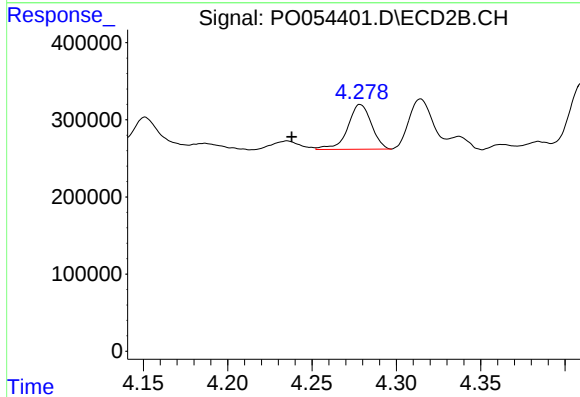
R.T.: 4.151 min
Delta R.T.: 0.069 min
Response: 299064
Conc: 19.27 ng/ml



#18 AR-1242-3

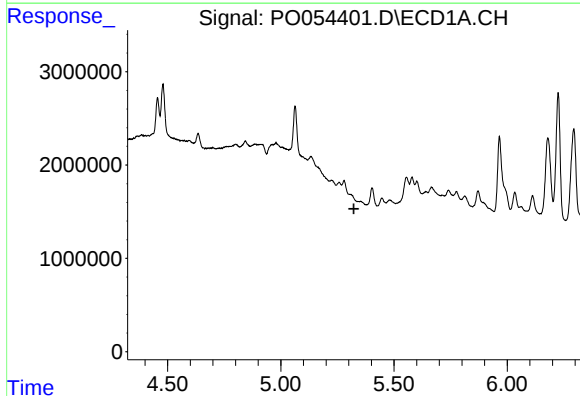
R.T.: 0.000 min
Exp R.T.: 5.224 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



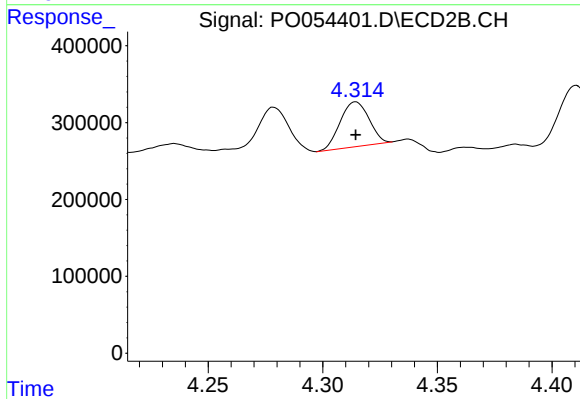
#18 AR-1242-3

R.T.: 4.279 min
Delta R.T.: 0.041 min
Response: 564668
Conc: 68.99 ng/ml



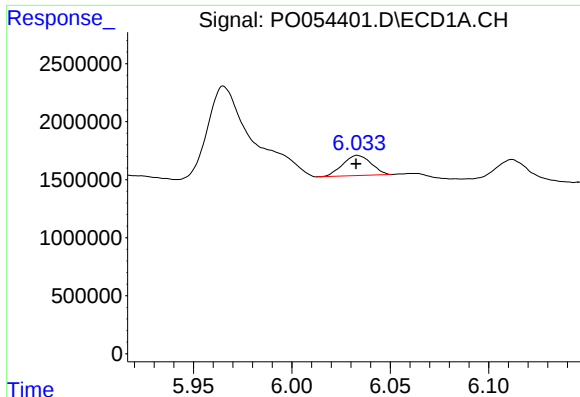
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.323 min
Response: 0
Conc: N.D.



#19 AR-1242-4

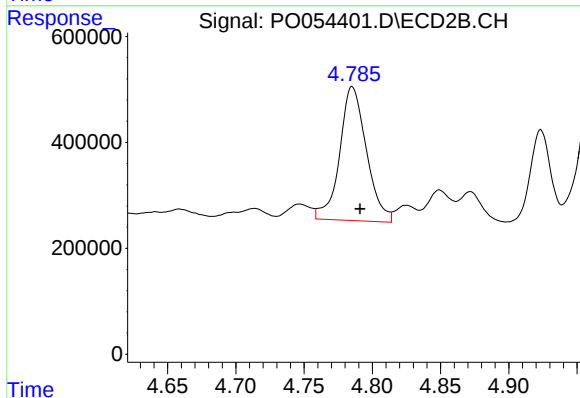
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 508185
Conc: 66.84 ng/ml



#20 AR-1242-5

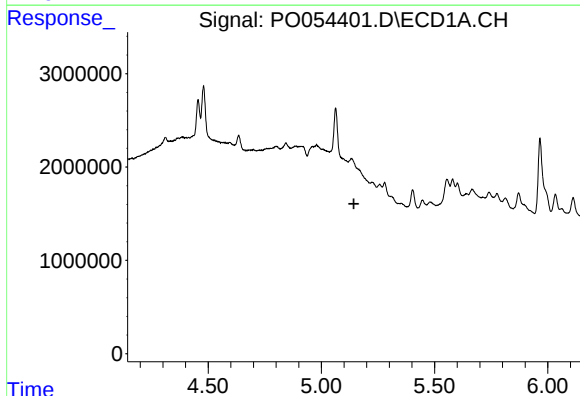
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1727450
Conc: 29.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



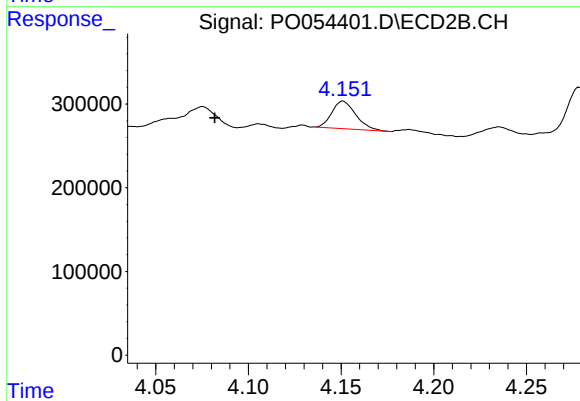
#20 AR-1242-5

R.T.: 4.785 min
Delta R.T.: -0.006 min
Response: 3458166
Conc: 329.70 ng/ml



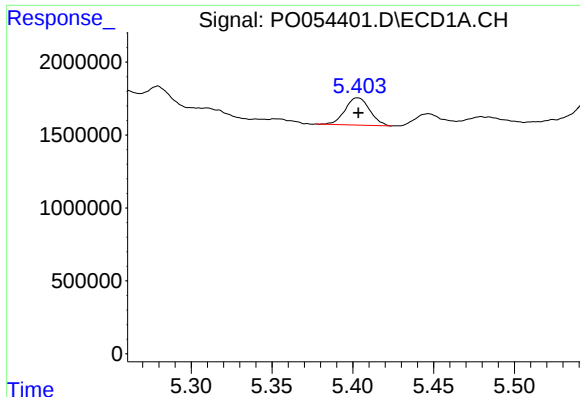
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.144 min
Response: 0
Conc: N.D.



#21 AR-1248-1

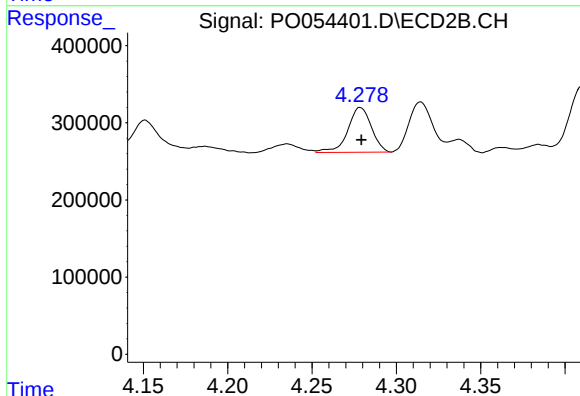
R.T.: 4.151 min
Delta R.T.: 0.069 min
Response: 299064
Conc: 25.42 ng/ml



#22 AR-1248-2

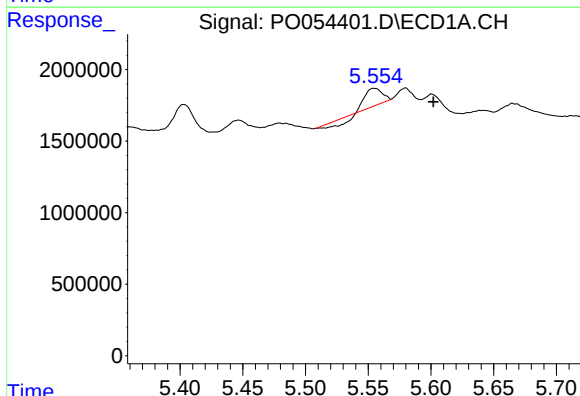
R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 1993304
Conc: 16.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



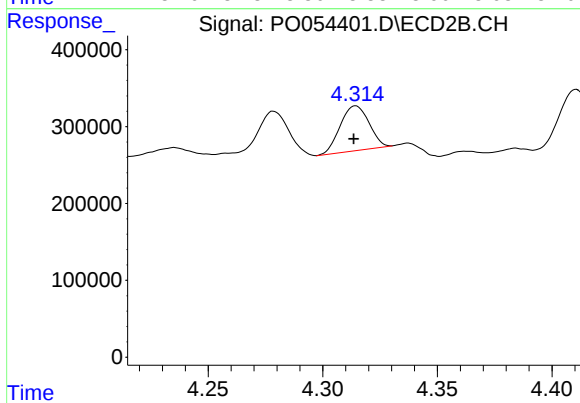
#22 AR-1248-2

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 564668
Conc: 39.52 ng/ml



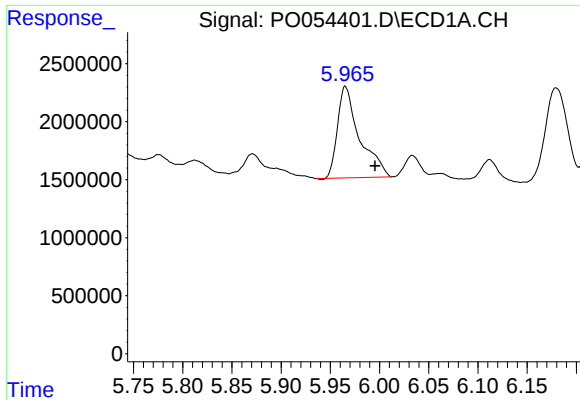
#23 AR-1248-3

R.T.: 5.555 min
Delta R.T.: -0.047 min
Response: 660136
Conc: 5.06 ng/ml



#23 AR-1248-3

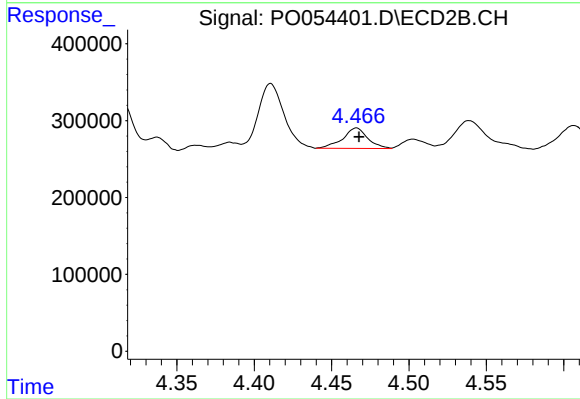
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 508185
Conc: 35.39 ng/ml



#24 AR-1248-4

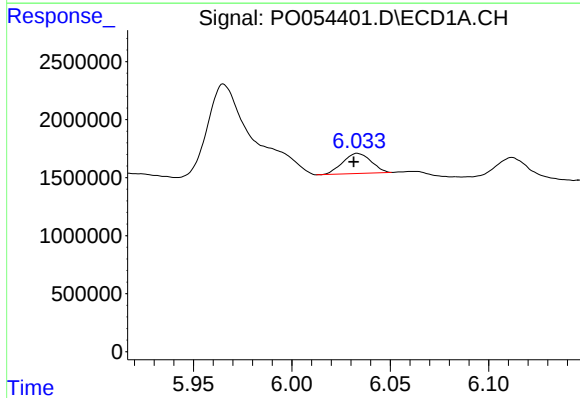
R.T.: 5.965 min
Delta R.T.: -0.030 min
Response: 12302213
Conc: 87.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



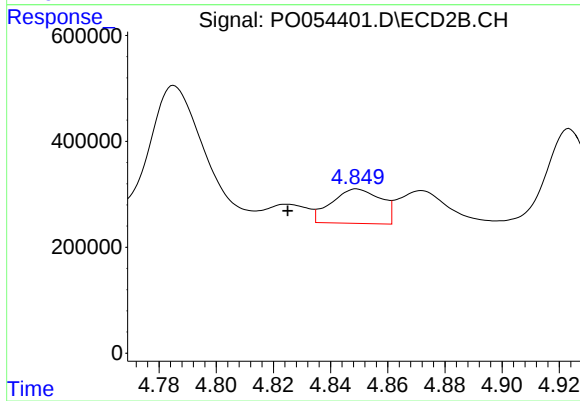
#24 AR-1248-4

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 299910
Conc: 16.50 ng/ml



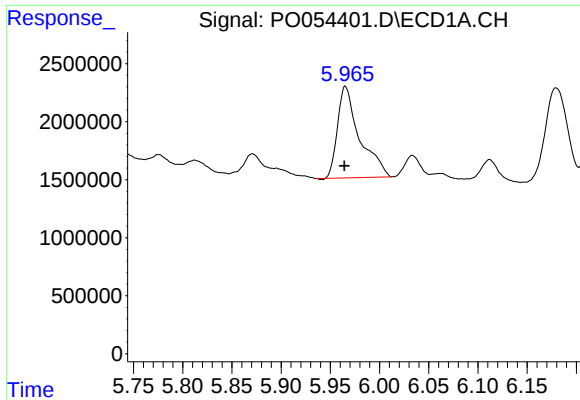
#25 AR-1248-5

R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 1727450
Conc: 12.60 ng/ml



#25 AR-1248-5

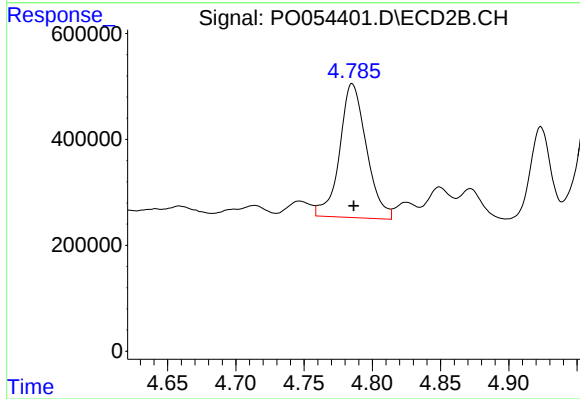
R.T.: 4.849 min
Delta R.T.: 0.024 min
Response: 781128
Conc: 41.10 ng/ml



#26 AR-1254-1

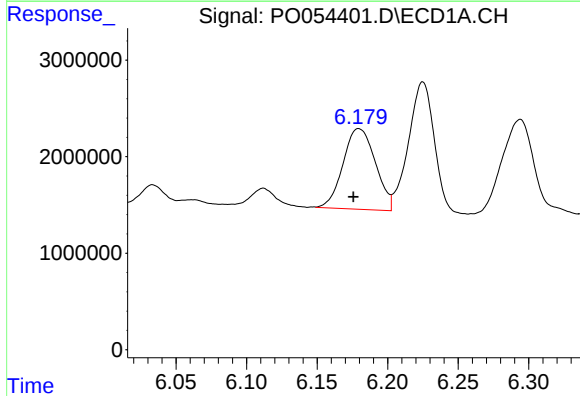
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 12302213
Conc: 133.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



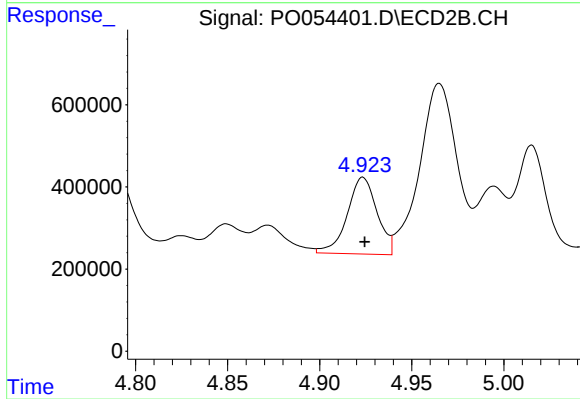
#26 AR-1254-1

R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 3458166
Conc: 165.89 ng/ml



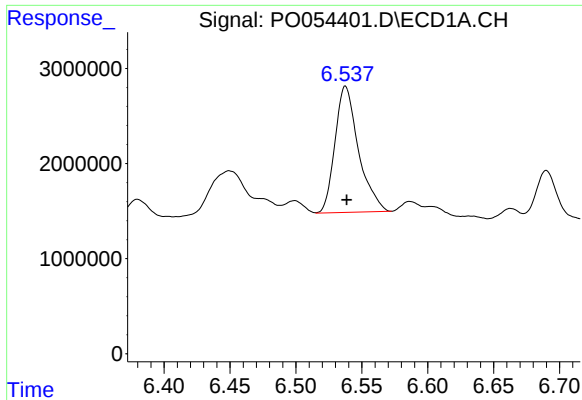
#27 AR-1254-2

R.T.: 6.179 min
Delta R.T.: 0.004 min
Response: 13314517
Conc: 95.59 ng/ml



#27 AR-1254-2

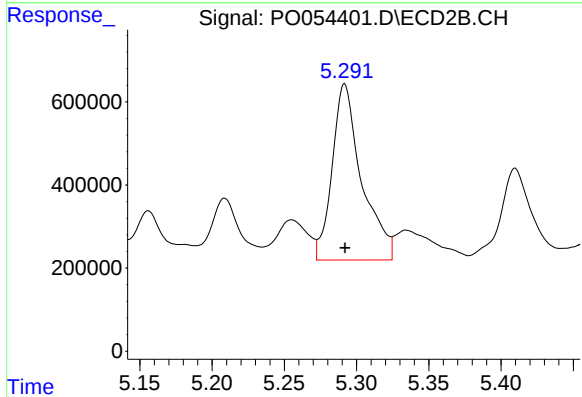
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 2110274
Conc: 115.95 ng/ml



#28 AR-1254-3

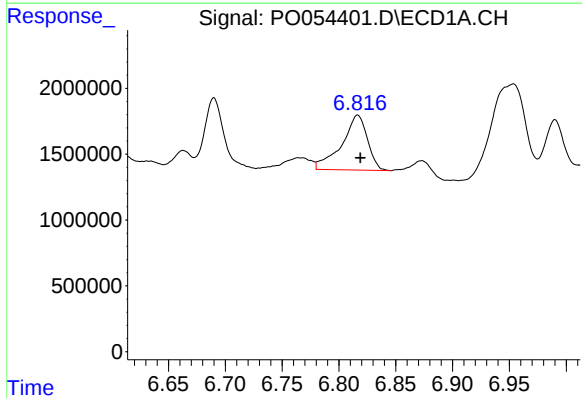
R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 16475993
Conc: 118.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



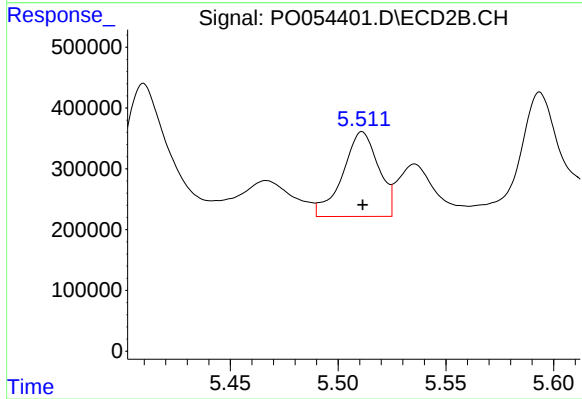
#28 AR-1254-3

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 6017851
Conc: 216.73 ng/ml



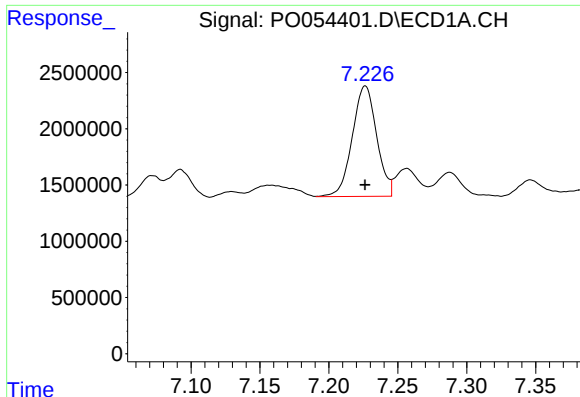
#29 AR-1254-4

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 6607729
Conc: 65.80 ng/ml



#29 AR-1254-4

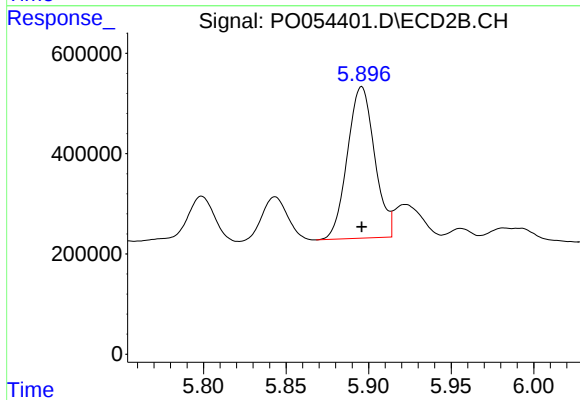
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 1615270
Conc: 87.29 ng/ml



#30 AR-1254-5

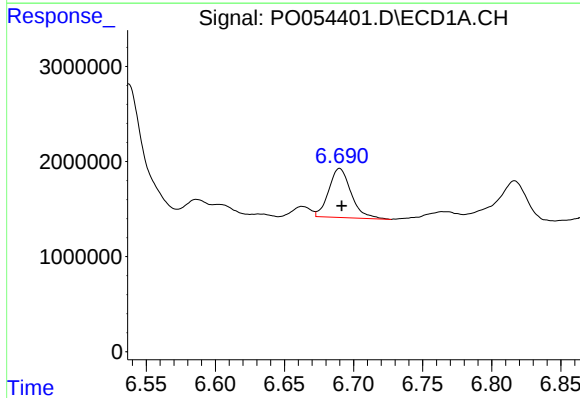
R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 12081299
Conc: 132.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



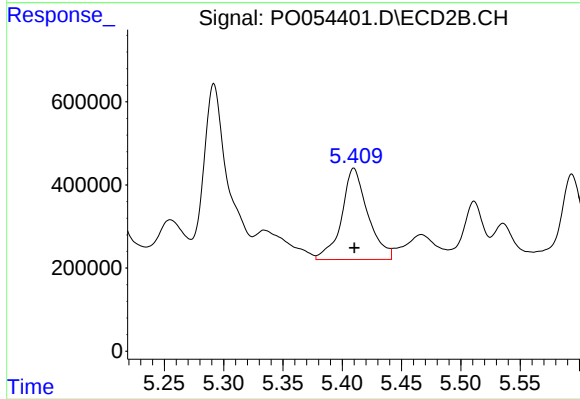
#30 AR-1254-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3465169
Conc: 172.50 ng/ml



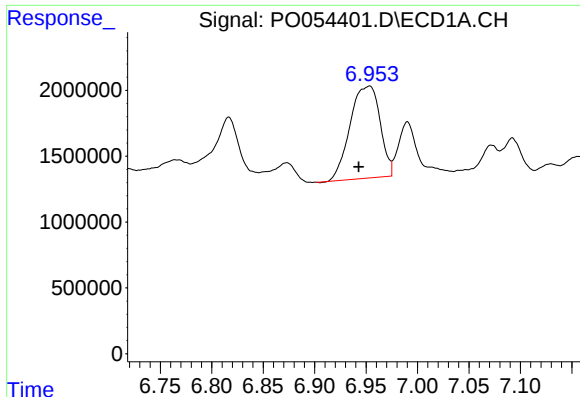
#31 AR-1260-1

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 5813665
Conc: 64.43 ng/ml



#31 AR-1260-1

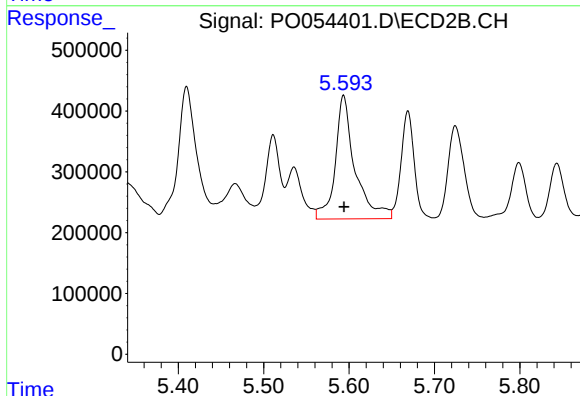
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 3379757
Conc: 184.46 ng/ml



#32 AR-1260-2

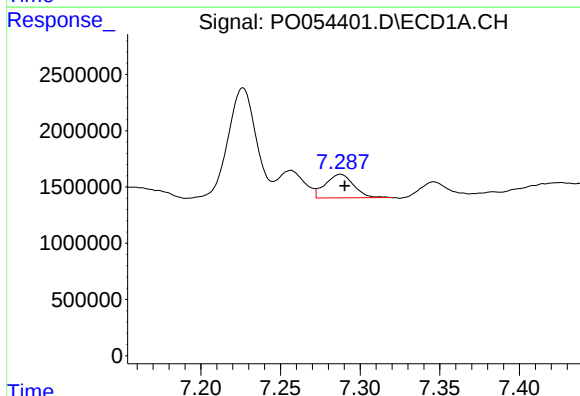
R.T.: 6.953 min
Delta R.T.: 0.010 min
Response: 14171584
Conc: 127.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



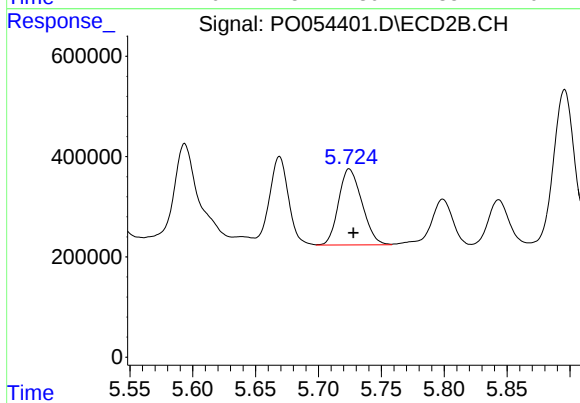
#32 AR-1260-2

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 3255738
Conc: 146.17 ng/ml



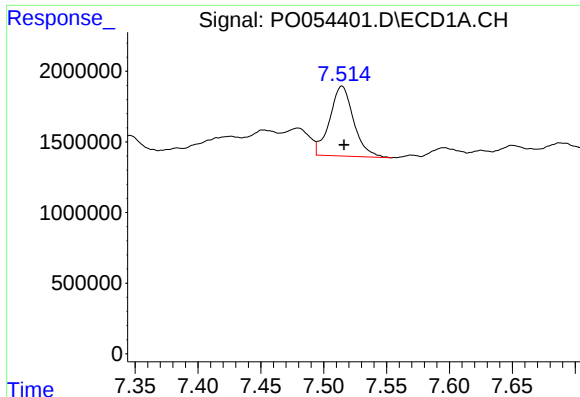
#33 AR-1260-3

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 2580878
Conc: 30.44 ng/ml



#33 AR-1260-3

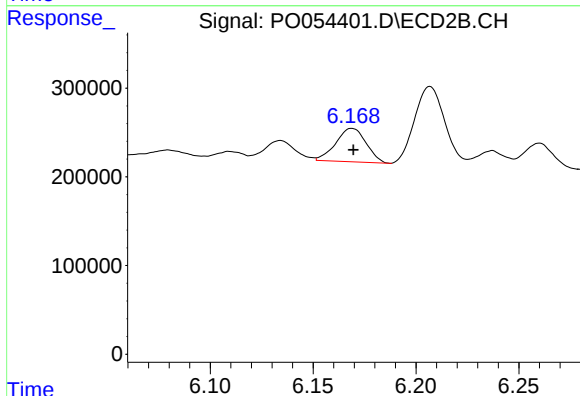
R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 1956010
Conc: 95.40 ng/ml



#34 AR-1260-4

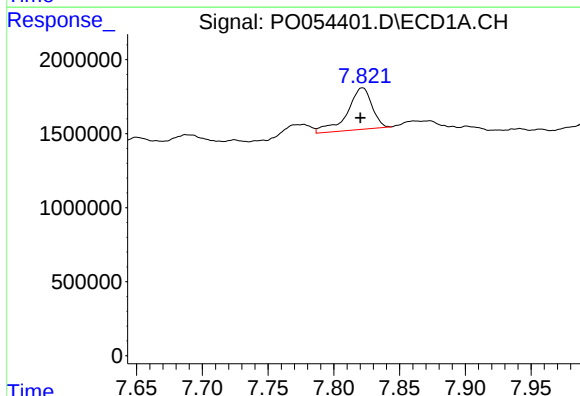
R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 6575874
Conc: 81.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



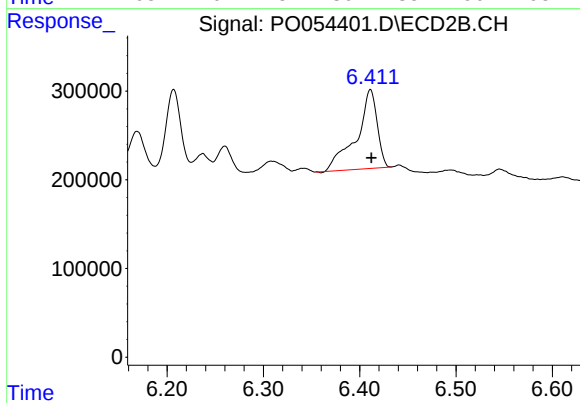
#34 AR-1260-4

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 387861
Conc: 23.63 ng/ml



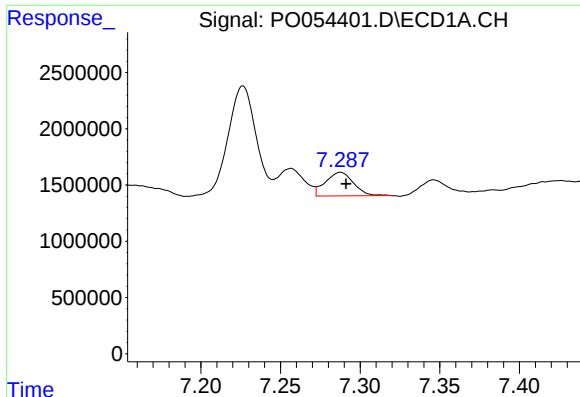
#35 AR-1260-5

R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 3669795
Conc: 20.39 ng/ml



#35 AR-1260-5

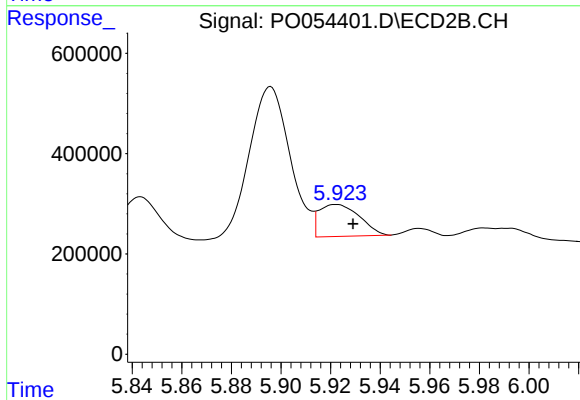
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1328020
Conc: 35.13 ng/ml



#36 AR-1262-1

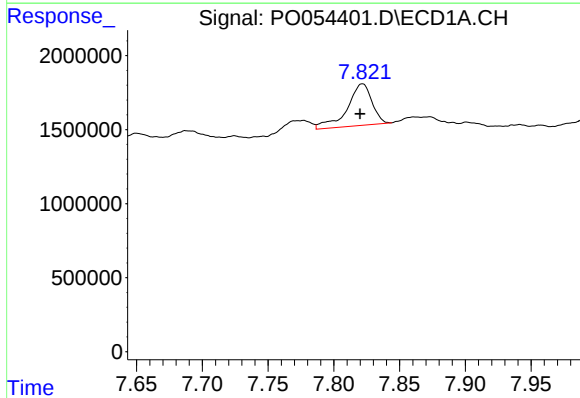
R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 2580878
Conc: 18.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



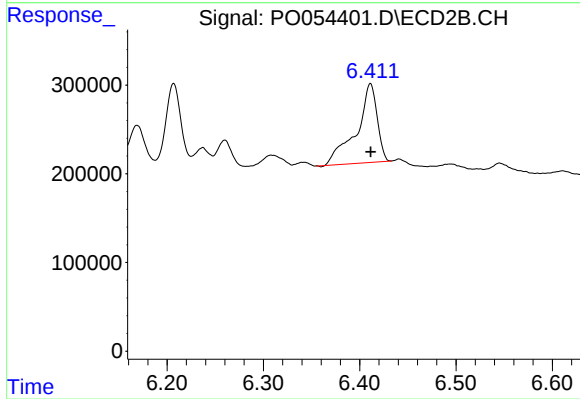
#36 AR-1262-1

R.T.: 5.922 min
Delta R.T.: -0.007 min
Response: 721343
Conc: 27.33 ng/ml



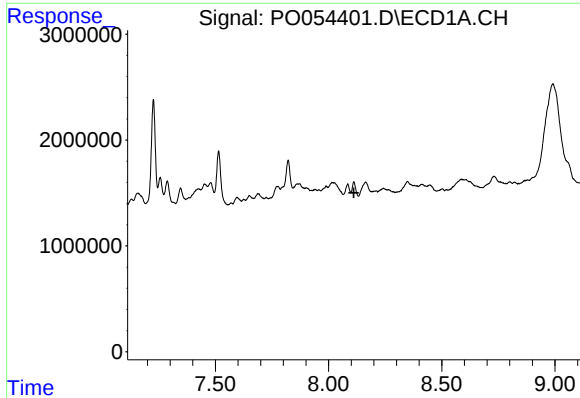
#37 AR-1262-2

R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 3669795
Conc: 16.05 ng/ml



#37 AR-1262-2

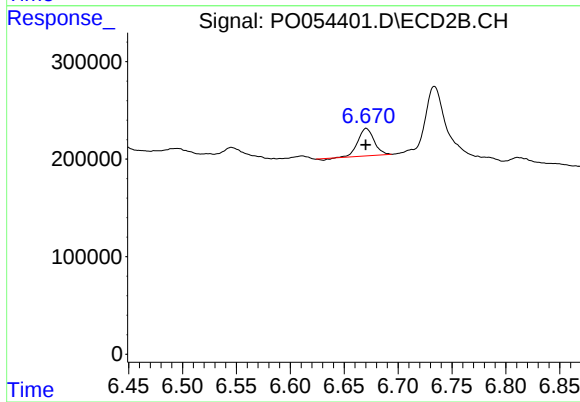
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1328020
Conc: 29.30 ng/ml



#38 AR-1262-3

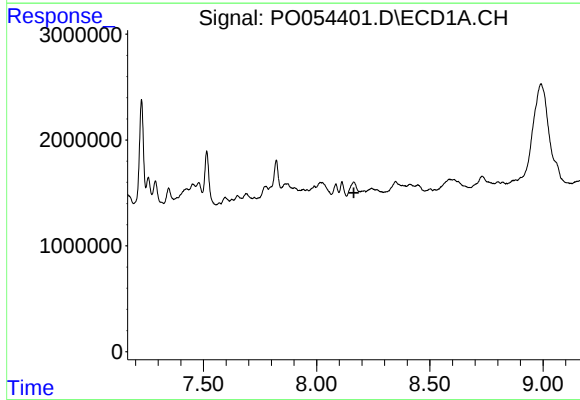
R.T.: 0.000 min
Exp R.T.: 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



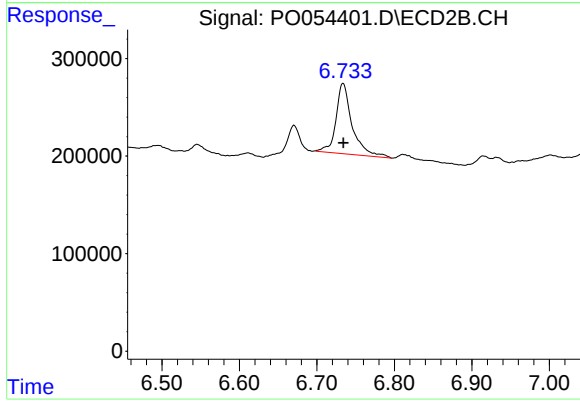
#38 AR-1262-3

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 292698
Conc: 15.36 ng/ml



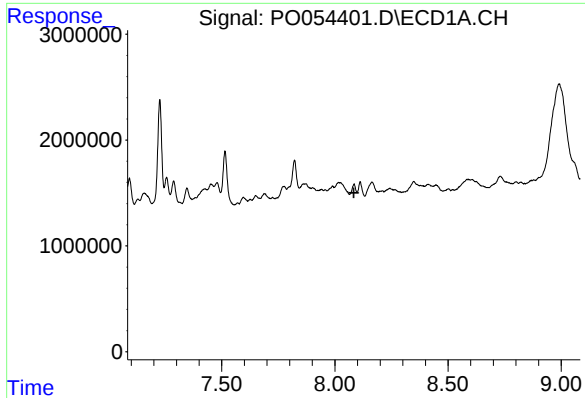
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.164 min
Response: 0
Conc: N.D.



#39 AR-1262-4

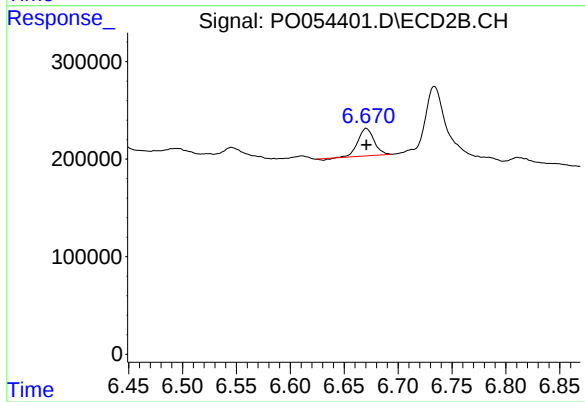
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 1047680
Conc: 31.10 ng/ml



#41 AR-1268-1

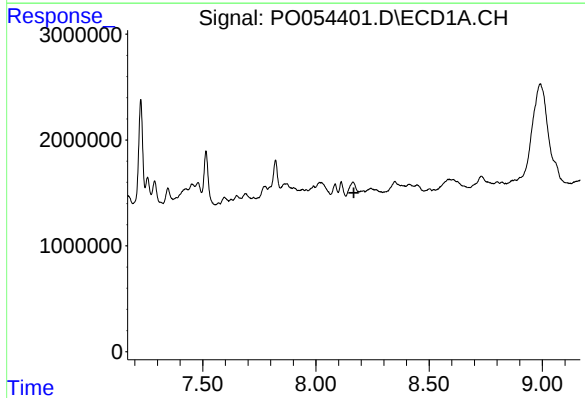
R.T.: 0.000 min
Exp R.T.: 8.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-1



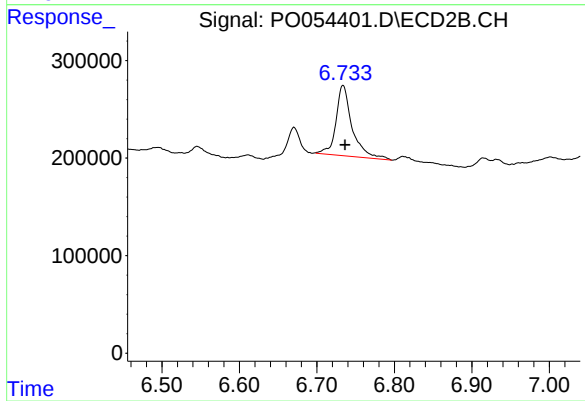
#41 AR-1268-1

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 292698
Conc: 5.90 ng/ml



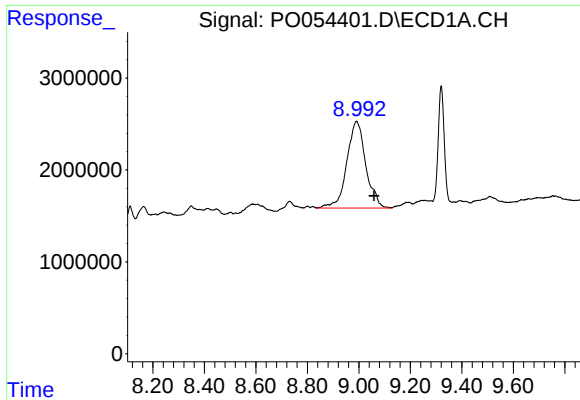
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.



#42 AR-1268-2

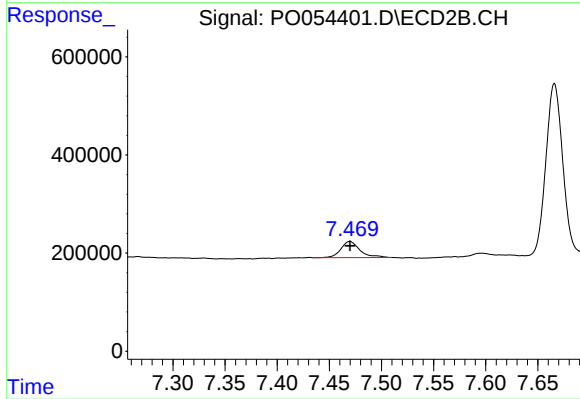
R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 1047680
Conc: 22.34 ng/ml



#45 AR-1268-5

R.T.: 8.991 min
Delta R.T.: -0.068 min
Response: 48251434
Conc: 79.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-1



#45 AR-1268-5

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 415782
Conc: 3.51 ng/ml