

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011521\
 Data File : P0074762.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jan 2021 18:39
 Operator : AJ/MA
 Sample : M1089-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S6-03-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 23:41:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 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...	4.930	4.003	2165671	1166365	20.524	20.735
2)	SA Decachlor...	10.947	9.256	1532906	822354	15.104	14.978
Target Compounds							
3)	L1 AR-1016-1	6.267	5.271f	159845	153845	39.096	67.261 #
4)	L1 AR-1016-2	6.267	5.271	159845	153845	28.068	48.688 #
5)	L1 AR-1016-3	0.000	5.452	0	30465	N.D.	17.748 #
6)	L1 AR-1016-4	0.000	5.508	0	481972	N.D.	342.939 #
7)	L1 AR-1016-5	6.767	5.736	200711	167172	73.385	97.216 #
8)	L2 AR-1221-1	5.184	0.000	259534	0	211.295	N.D. #
12)	L3 AR-1232-2	0.000	5.271	0	153845	N.D.	113.936 #
13)	L3 AR-1232-3	6.267	5.452	159845	30465	66.246	41.528 #
14)	L3 AR-1232-4	0.000	5.552	0	229068	N.D.	360.195 #
15)	L3 AR-1232-5	6.549	5.736	817464	167172	1004.682	240.743 #
16)	L4 AR-1242-1	6.267	5.271f	159845	153845	49.640	83.468 #
17)	L4 AR-1242-2	6.267	5.271	159845	153845	35.420	61.115 #
18)	L4 AR-1242-3	0.000	5.452	0	30465	N.D.	22.435 #
19)	L4 AR-1242-4	0.000	5.552	0	229068	N.D.	175.267 #
20)	L4 AR-1242-5	7.239	6.112	1205350	2362716	478.981	1349.482 #
21)	L5 AR-1248-1	6.267	5.271f	159845	153845	66.396	111.861 #
22)	L5 AR-1248-2	6.549	5.508	817464	481972	262.845	256.457
23)	L5 AR-1248-3	6.767	5.552	200711	229068	55.426	121.353 #
24)	L5 AR-1248-4	7.198	5.736	3701116	167172	829.943	74.221 #
25)	L5 AR-1248-5	7.239	6.155	1205350	339597	286.024	144.447 #
26)	L6 AR-1254-1	7.166	6.112	3032980	2362716	689.605	654.129
27)	L6 AR-1254-2	7.396	6.271	6714673	2922263	985.890	937.663
28)	L6 AR-1254-3	7.780	6.687	7950132	4999928	1133.413	1019.577
29)	L6 AR-1254-4	8.076	6.925	7555597	3661175	1245.838	1055.769
30)	L6 AR-1254-5	8.505	7.351	11303262	12337444	1945.840	2725.940 #
31)	L7 AR-1260-1	7.946	6.823	4504033	2953516	902.840	925.785
32)	L7 AR-1260-2	8.212	7.020	9294674	3212206	1366.441	755.626 #
33)	L7 AR-1260-3	8.566	7.170	1791513	2346067	312.561	651.058 #
34)	L7 AR-1260-4	8.803	7.651	4112069	633402	751.569	202.280 #
35)	L7 AR-1260-5	9.136	7.898	1711934	907864	137.010	114.216
36)	L8 AR-1262-1	8.566	7.351	1791513	12337444	201.199	4848.522 #
37)	L8 AR-1262-2	9.136	7.898	1711934	907864	111.816	98.742
38)	L8 AR-1262-3	9.469f	8.204f	1383841	671027	138.166	169.695
39)	L8 AR-1262-4	9.518f	8.243	380919	953151	51.148	143.867 #
40)	L8 AR-1262-5	10.206	8.739	81193	198299	15.520	64.228 #
41)	L9 AR-1268-1	9.469f	8.204f	1383841	671027	74.068	59.941
42)	L9 AR-1268-2	9.518f	8.243	380919	953151	23.875	99.627 #
43)	L9 AR-1268-3	0.000	8.453	0	21562	N.D.	2.595 #
44)	L9 AR-1268-4	10.206	8.739	81193	198299	13.859	57.161 #

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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
45) L9	AR-1268-5	10.615	9.016	124389	68235	2.977	2.882

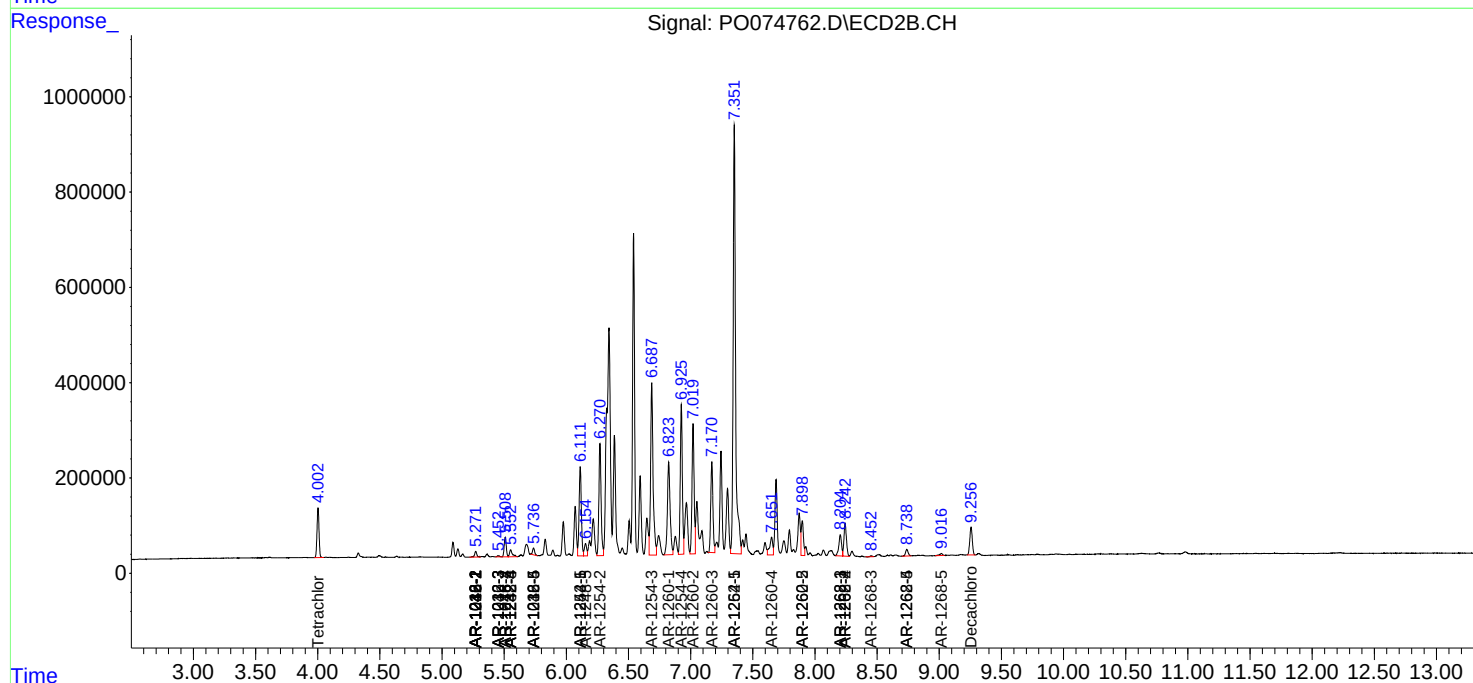
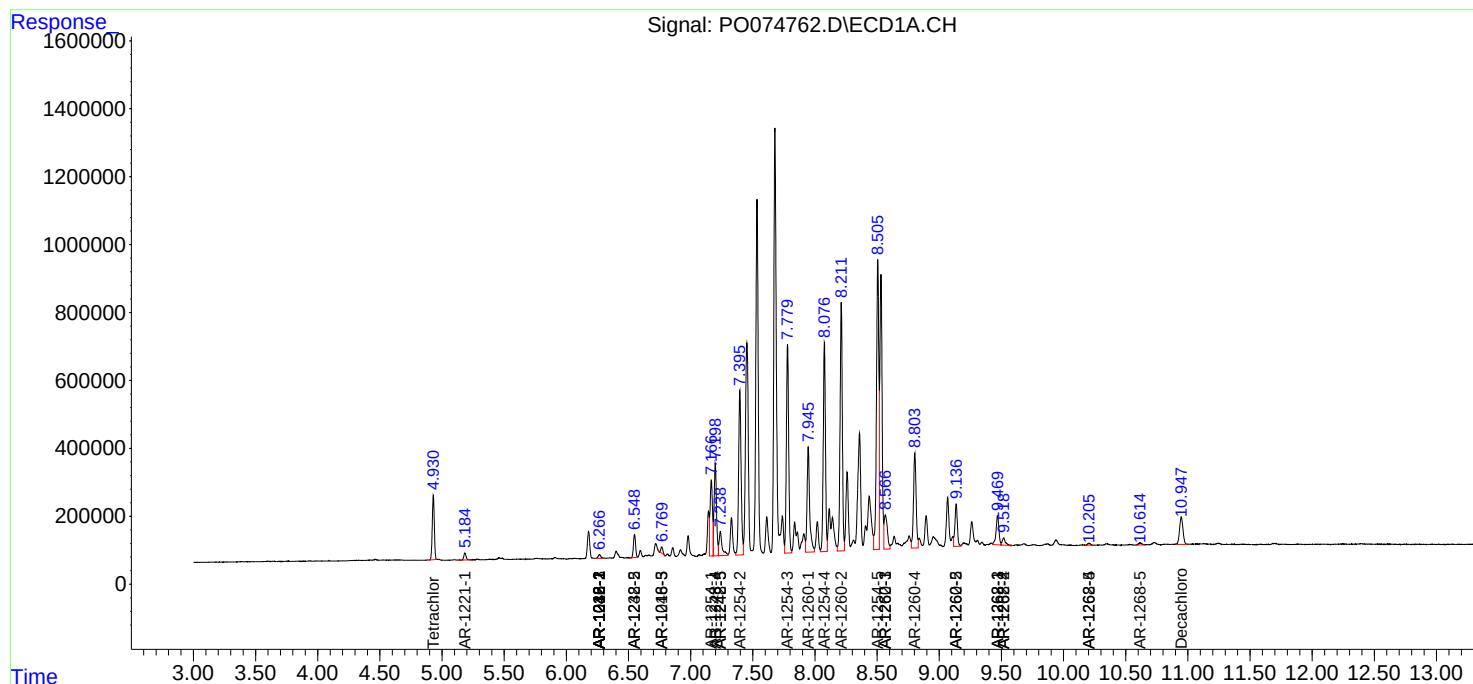
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

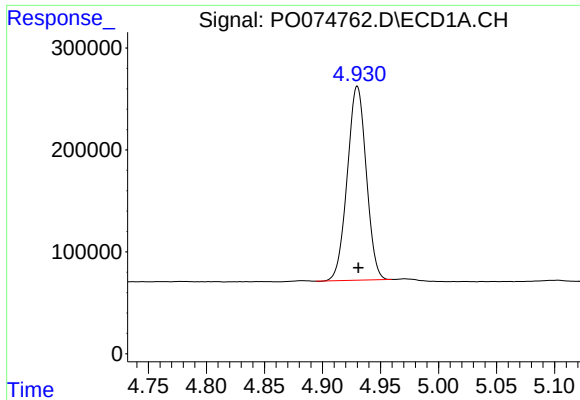
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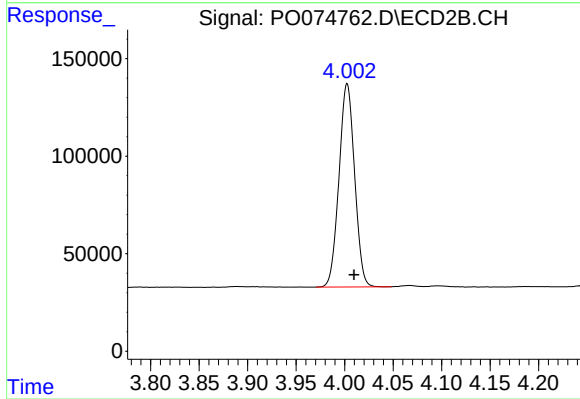




#1 Tetrachloro-m-xylene

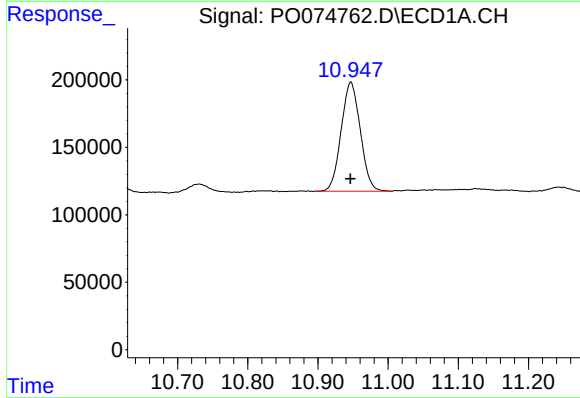
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 2165671
Conc: 20.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



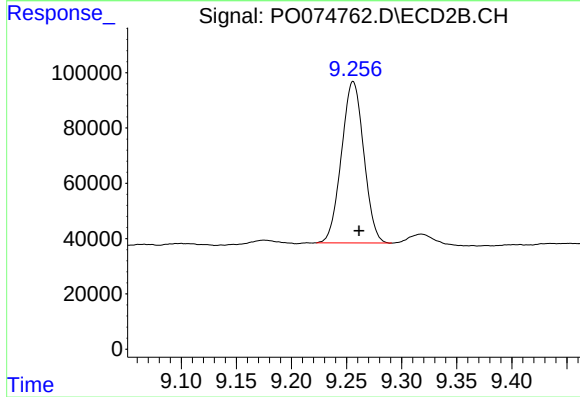
#1 Tetrachloro-m-xylene

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 1166365
Conc: 20.73 ng/ml



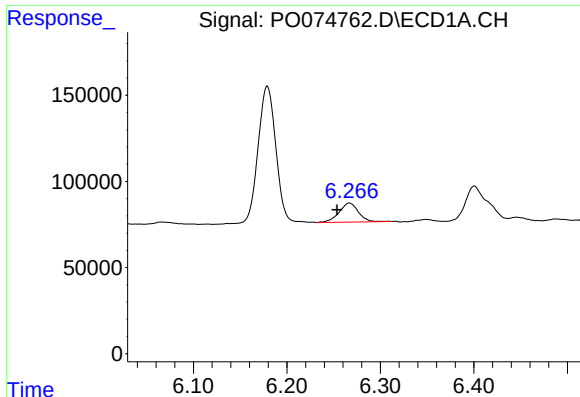
#2 Decachlorobiphenyl

R.T.: 10.947 min
Delta R.T.: 0.000 min
Response: 1532906
Conc: 15.10 ng/ml



#2 Decachlorobiphenyl

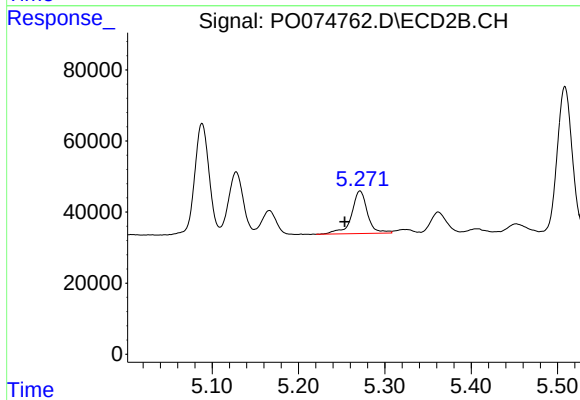
R.T.: 9.256 min
Delta R.T.: -0.005 min
Response: 822354
Conc: 14.98 ng/ml



#3 AR-1016-1

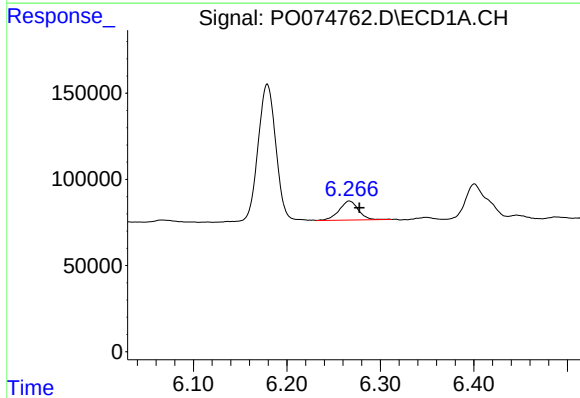
R.T.: 6.267 min
Delta R.T.: 0.013 min
Response: 159845
Conc: 39.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



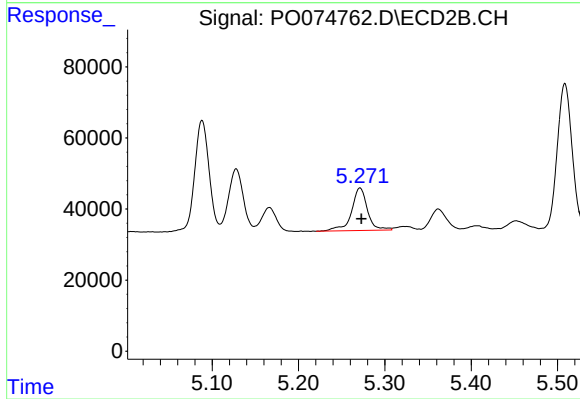
#3 AR-1016-1

R.T.: 5.271 min
Delta R.T.: 0.018 min
Response: 153845
Conc: 67.26 ng/ml



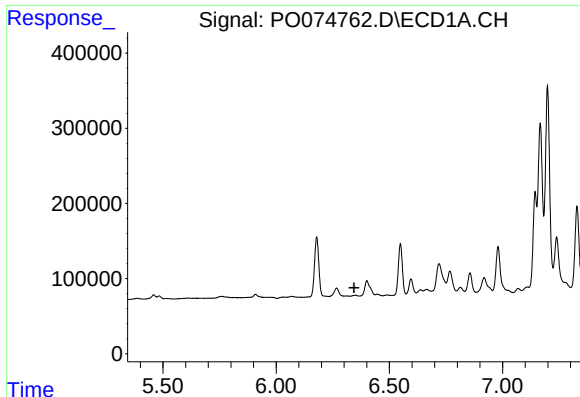
#4 AR-1016-2

R.T.: 6.267 min
Delta R.T.: -0.010 min
Response: 159845
Conc: 28.07 ng/ml



#4 AR-1016-2

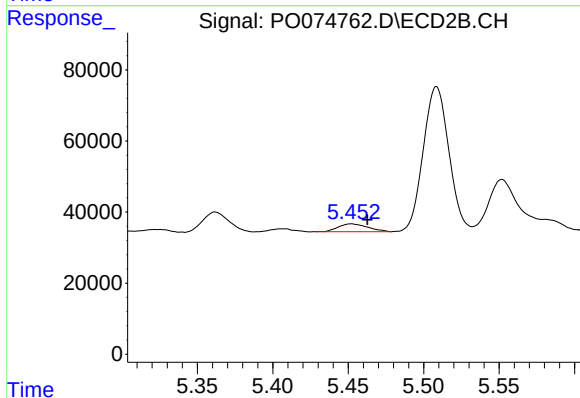
R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 153845
Conc: 48.69 ng/ml



#5 AR-1016-3

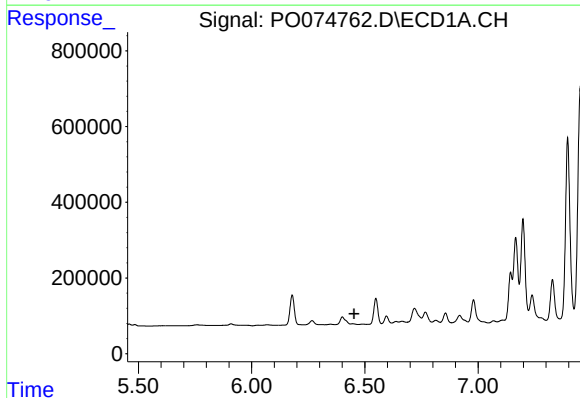
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S6-03-C



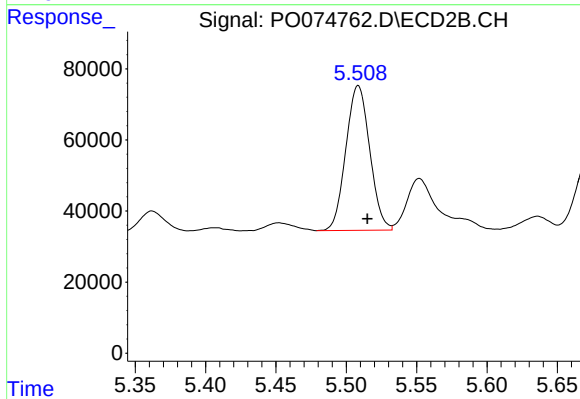
#5 AR-1016-3

R.T.: 5.452 min
Delta R.T.: -0.011 min
Response: 30465
Conc: 17.75 ng/ml



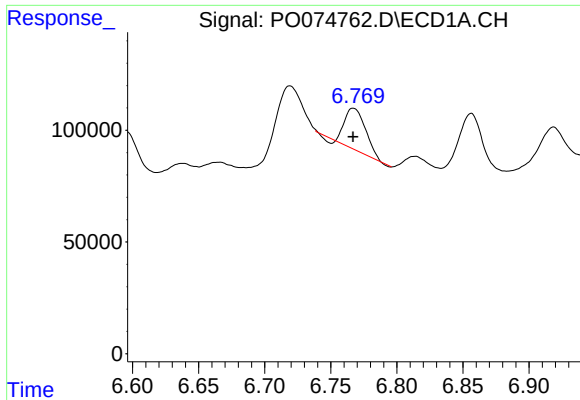
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.



#6 AR-1016-4

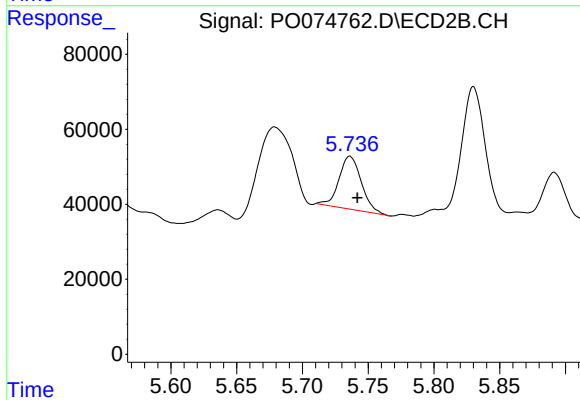
R.T.: 5.508 min
Delta R.T.: -0.006 min
Response: 481972
Conc: 342.94 ng/ml



#7 AR-1016-5

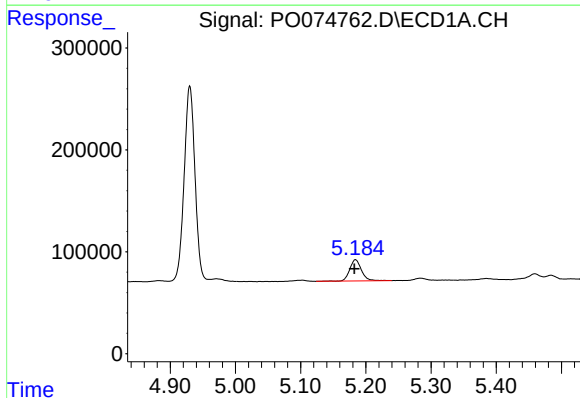
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 200711
Conc: 73.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



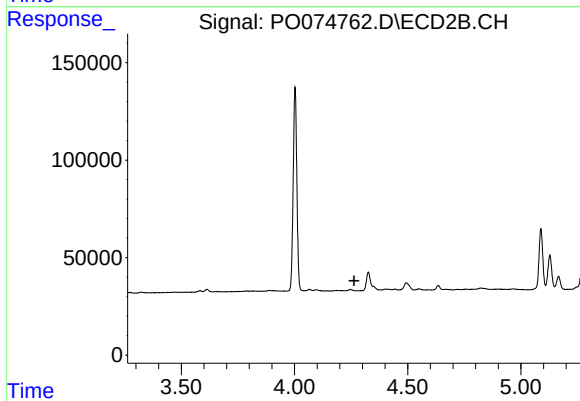
#7 AR-1016-5

R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 167172
Conc: 97.22 ng/ml



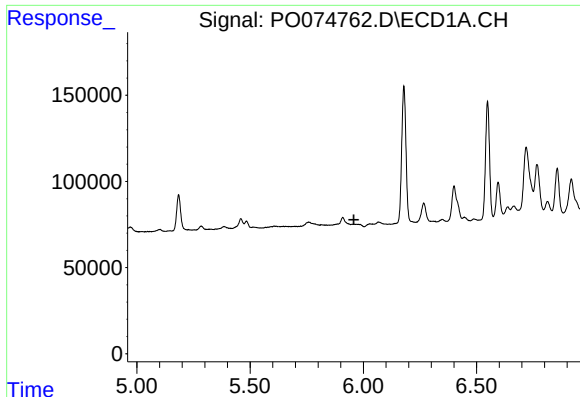
#8 AR-1221-1

R.T.: 5.184 min
Delta R.T.: 0.001 min
Response: 259534
Conc: 211.30 ng/ml



#8 AR-1221-1

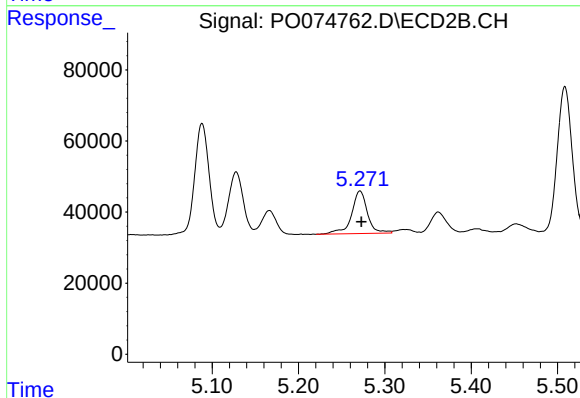
R.T.: 0.000 min
Exp R.T.: 4.263 min
Response: 0
Conc: N.D.



#12 AR-1232-2

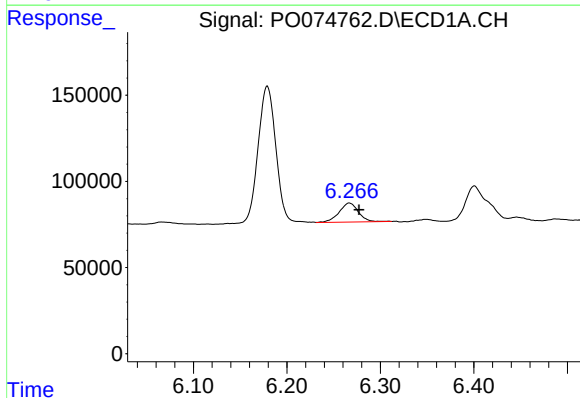
R.T.: 0.000 min
Exp R.T.: 5.958 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S6-03-C



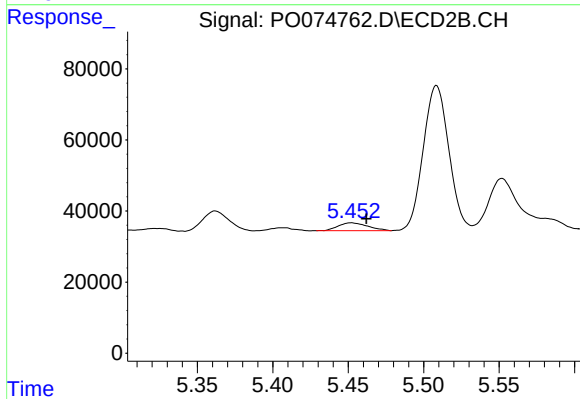
#12 AR-1232-2

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 153845
Conc: 113.94 ng/ml



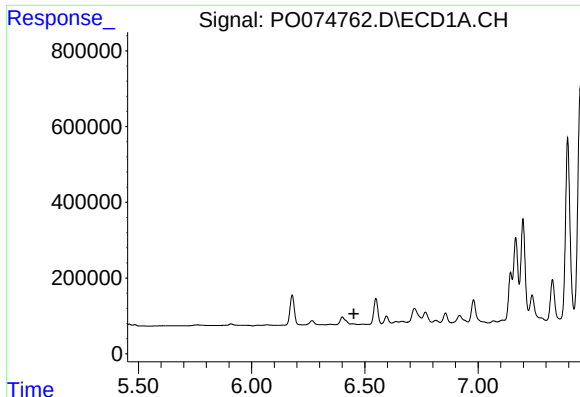
#13 AR-1232-3

R.T.: 6.267 min
Delta R.T.: -0.010 min
Response: 159845
Conc: 66.25 ng/ml



#13 AR-1232-3

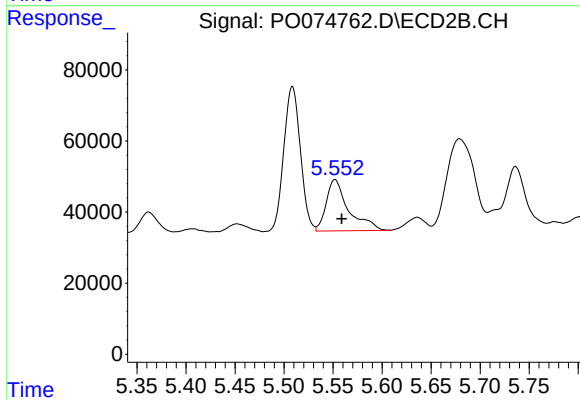
R.T.: 5.452 min
Delta R.T.: -0.010 min
Response: 30465
Conc: 41.53 ng/ml



#14 AR-1232-4

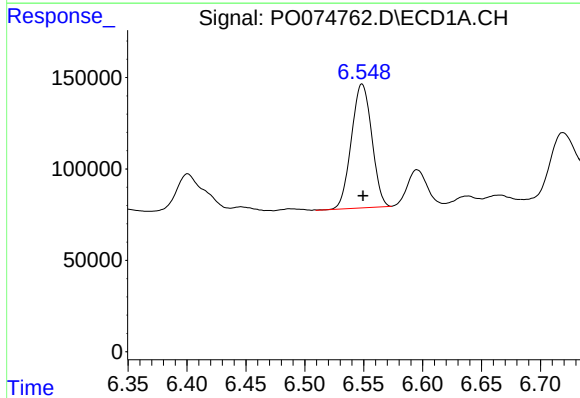
R.T.: 0.000 min
Exp R.T.: 6.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S6-03-C



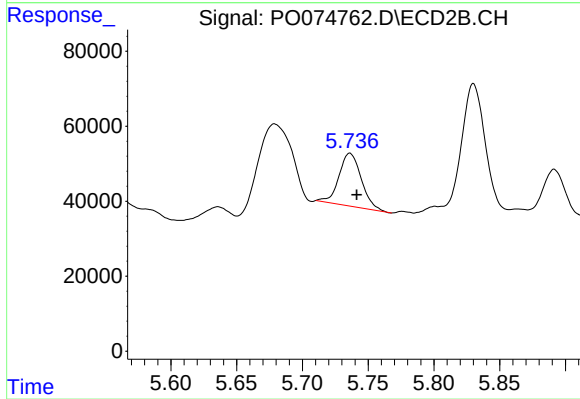
#14 AR-1232-4

R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 229068
Conc: 360.20 ng/ml



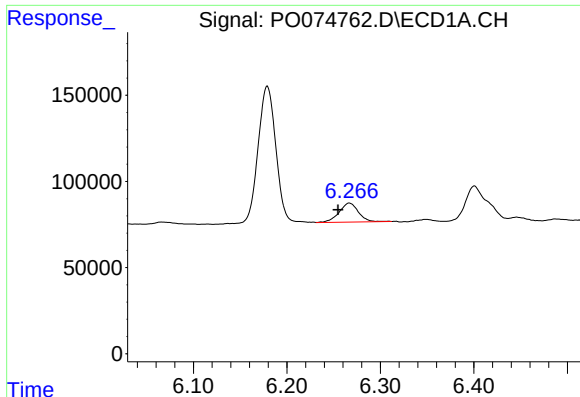
#15 AR-1232-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 817464
Conc: 1004.68 ng/ml



#15 AR-1232-5

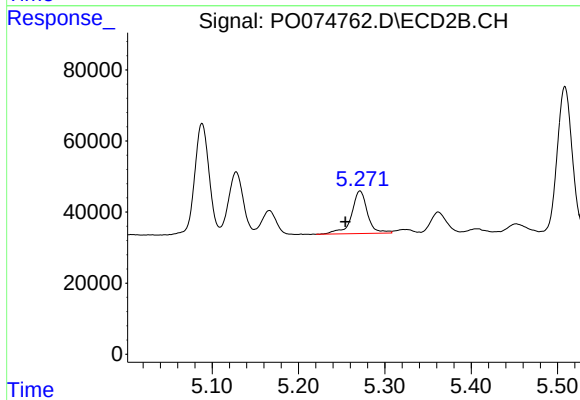
R.T.: 5.736 min
Delta R.T.: -0.005 min
Response: 167172
Conc: 240.74 ng/ml



#16 AR-1242-1

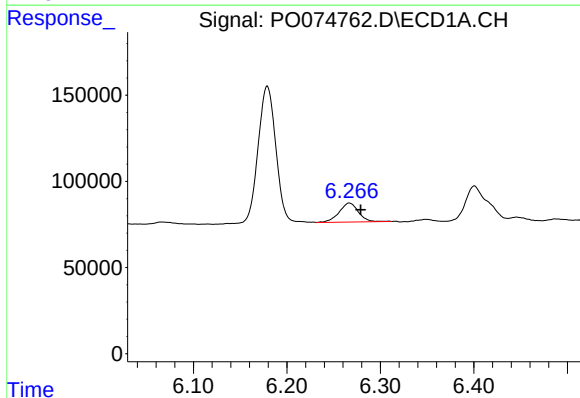
R.T.: 6.267 min
Delta R.T.: 0.012 min
Response: 159845
Conc: 49.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



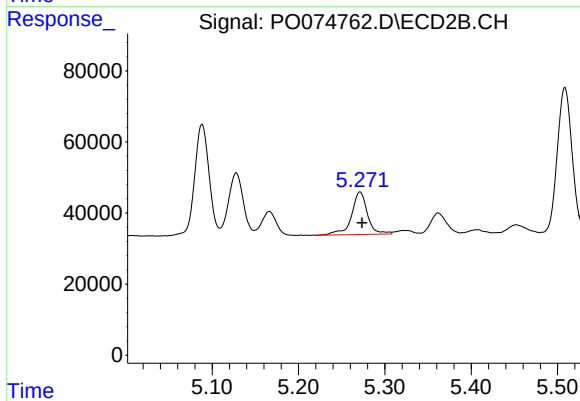
#16 AR-1242-1

R.T.: 5.271 min
Delta R.T.: 0.017 min
Response: 153845
Conc: 83.47 ng/ml



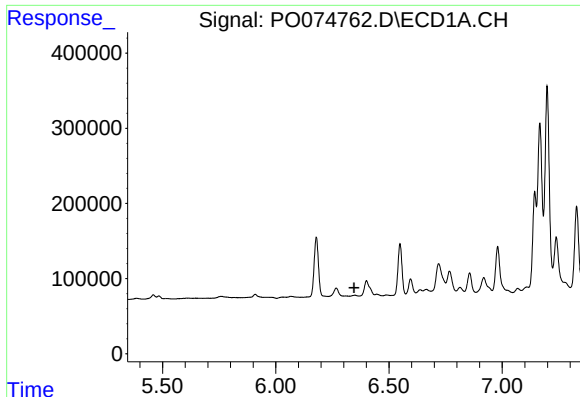
#17 AR-1242-2

R.T.: 6.267 min
Delta R.T.: -0.012 min
Response: 159845
Conc: 35.42 ng/ml



#17 AR-1242-2

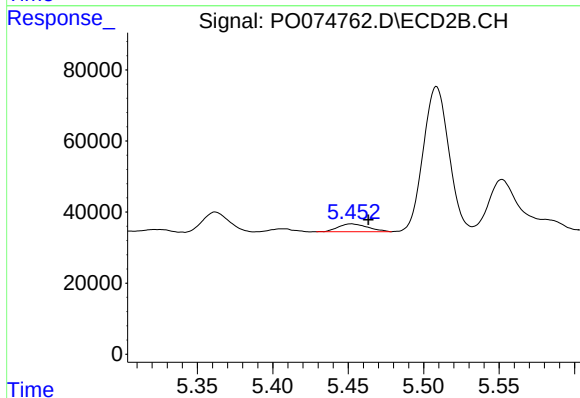
R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 153845
Conc: 61.12 ng/ml



#18 AR-1242-3

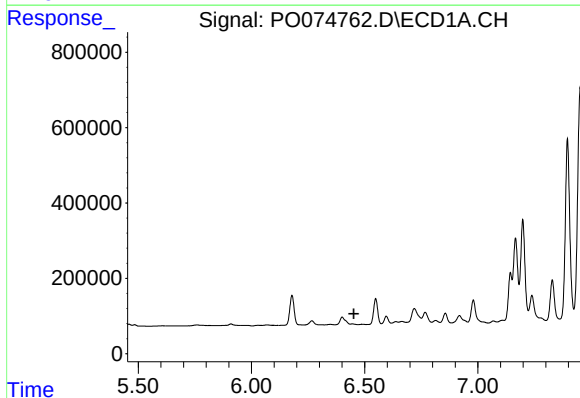
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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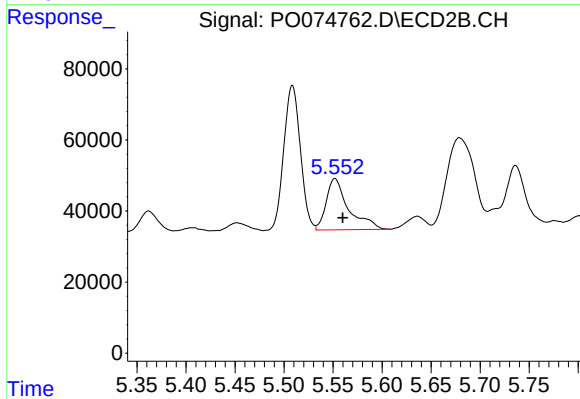
#18 AR-1242-3

R.T.: 5.452 min
Delta R.T.: -0.011 min
Response: 30465
Conc: 22.43 ng/ml



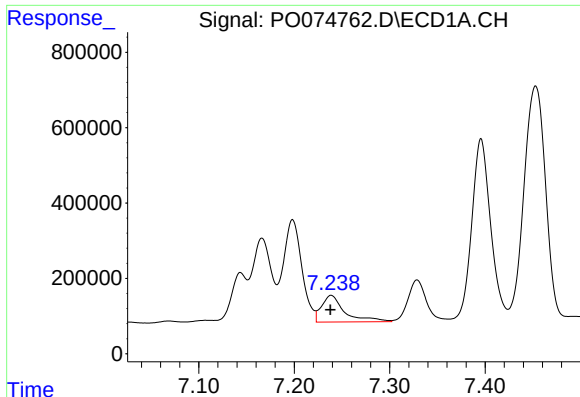
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.



#19 AR-1242-4

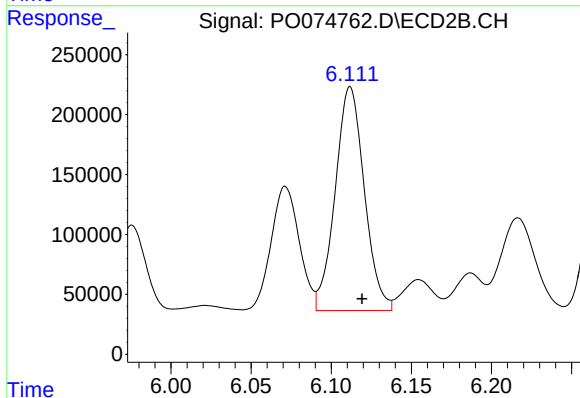
R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 229068
Conc: 175.27 ng/ml



#20 AR-1242-5

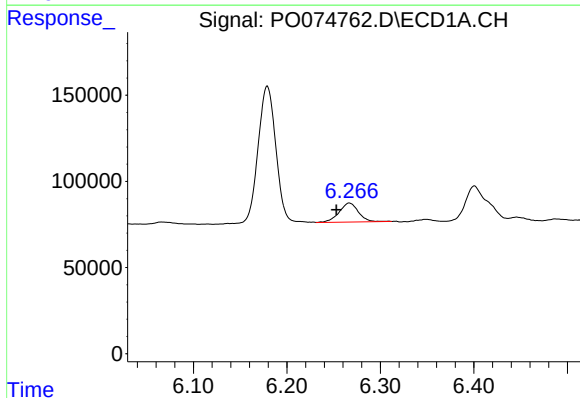
R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 1205350
Conc: 478.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



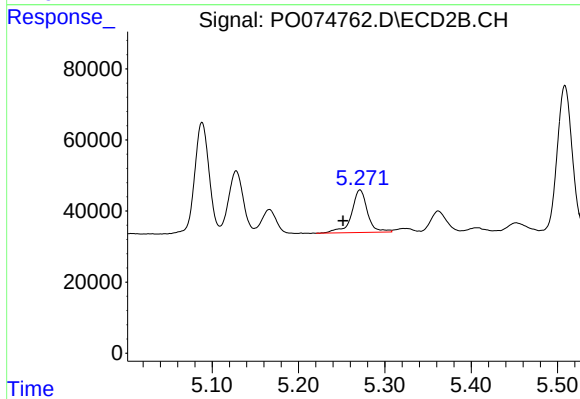
#20 AR-1242-5

R.T.: 6.112 min
Delta R.T.: -0.007 min
Response: 2362716
Conc: 1349.48 ng/ml



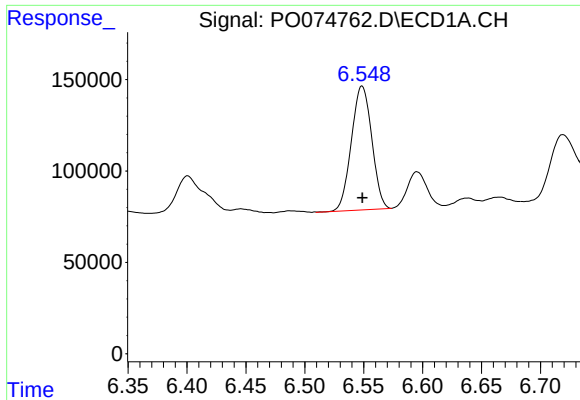
#21 AR-1248-1

R.T.: 6.267 min
Delta R.T.: 0.014 min
Response: 159845
Conc: 66.40 ng/ml



#21 AR-1248-1

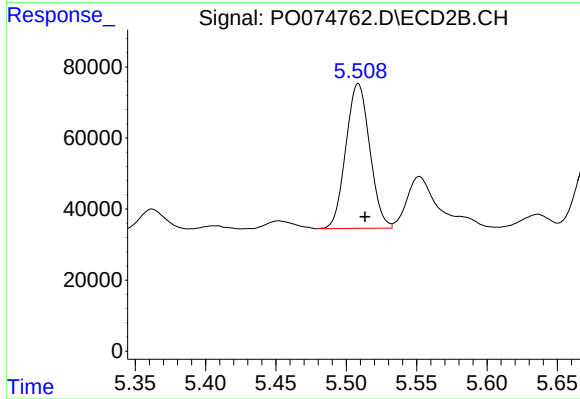
R.T.: 5.271 min
Delta R.T.: 0.020 min
Response: 153845
Conc: 111.86 ng/ml



#22 AR-1248-2

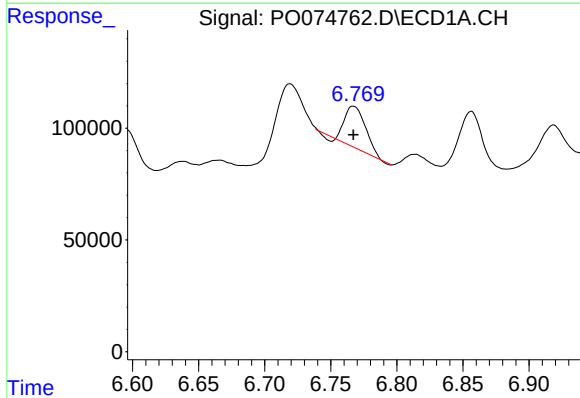
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 817464
Conc: 262.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



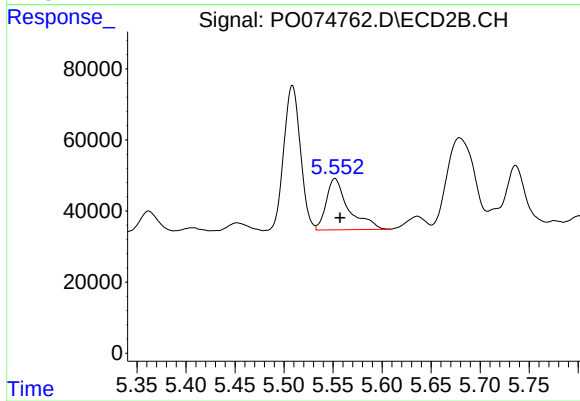
#22 AR-1248-2

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 481972
Conc: 256.46 ng/ml



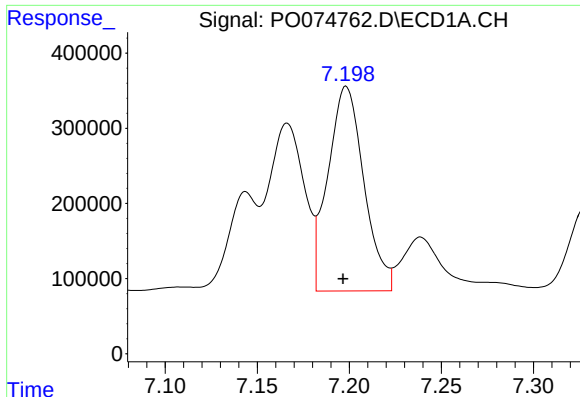
#23 AR-1248-3

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 200711
Conc: 55.43 ng/ml



#23 AR-1248-3

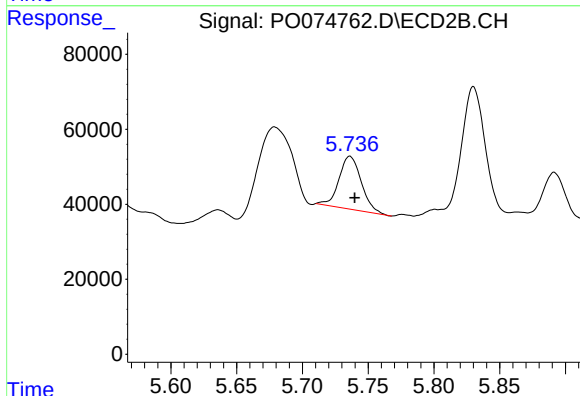
R.T.: 5.552 min
Delta R.T.: -0.005 min
Response: 229068
Conc: 121.35 ng/ml



#24 AR-1248-4

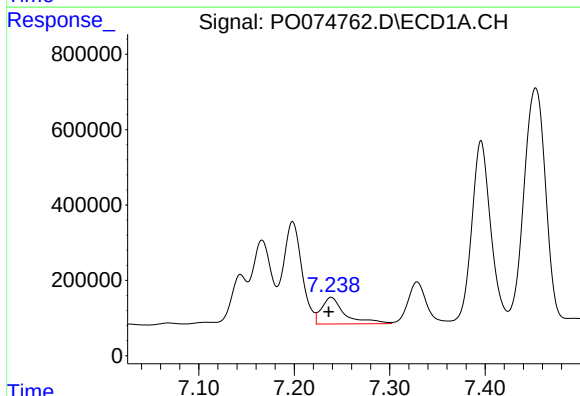
R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 3701116
Conc: 829.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



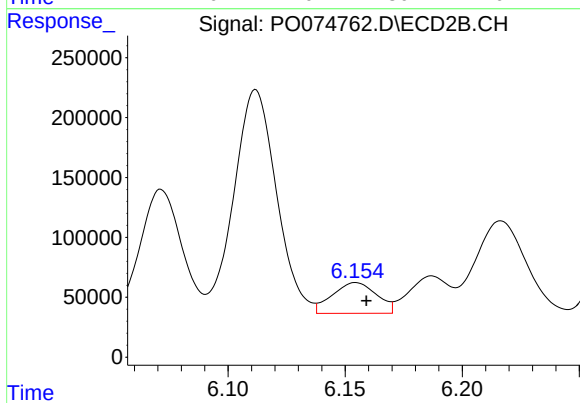
#24 AR-1248-4

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 167172
Conc: 74.22 ng/ml



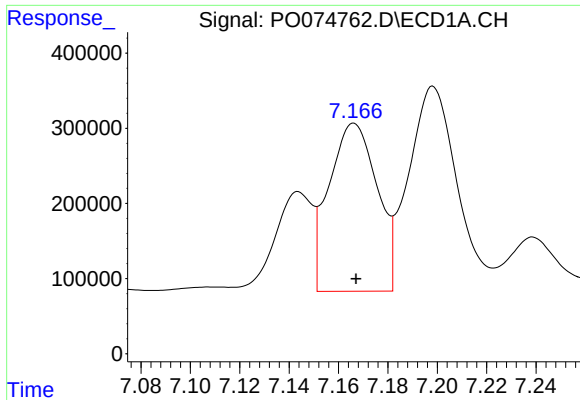
#25 AR-1248-5

R.T.: 7.239 min
Delta R.T.: 0.003 min
Response: 1205350
Conc: 286.02 ng/ml



#25 AR-1248-5

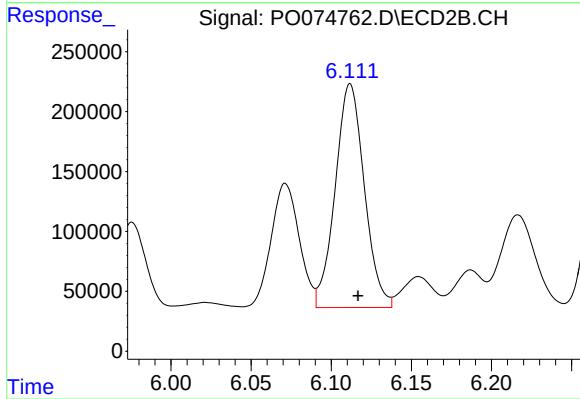
R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 339597
Conc: 144.45 ng/ml



#26 AR-1254-1

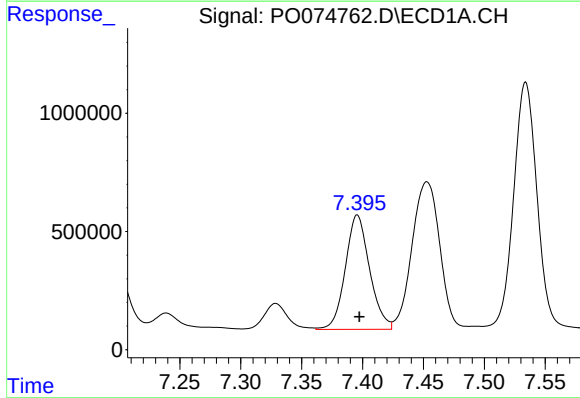
R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 3032980
Conc: 689.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



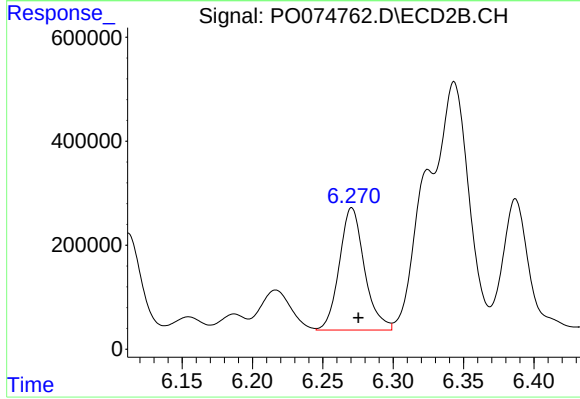
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 2362716
Conc: 654.13 ng/ml



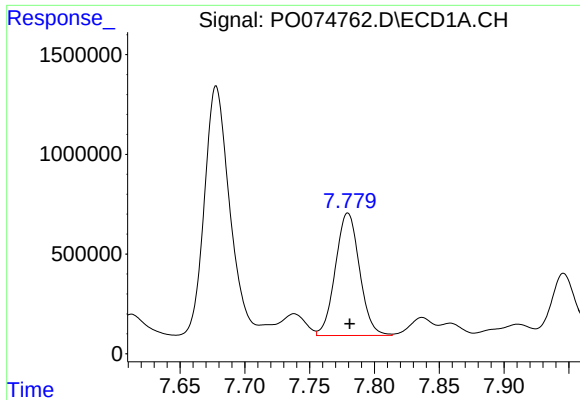
#27 AR-1254-2

R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 6714673
Conc: 985.89 ng/ml



#27 AR-1254-2

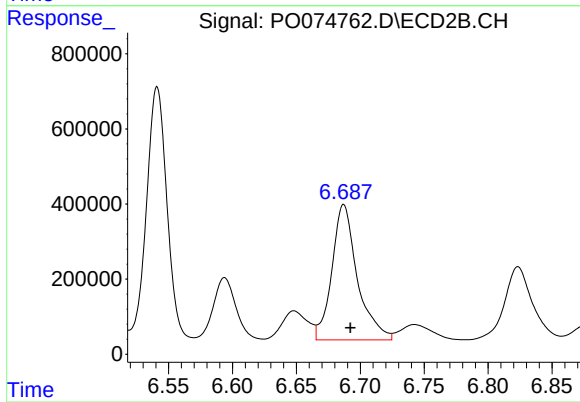
R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 2922263
Conc: 937.66 ng/ml



#28 AR-1254-3

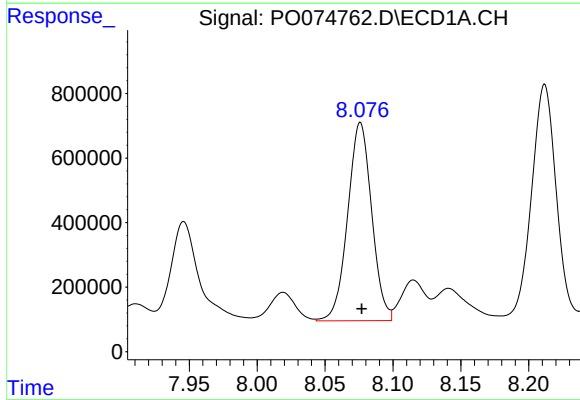
R.T.: 7.780 min
Delta R.T.: -0.001 min
Response: 7950132
Conc: 1133.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



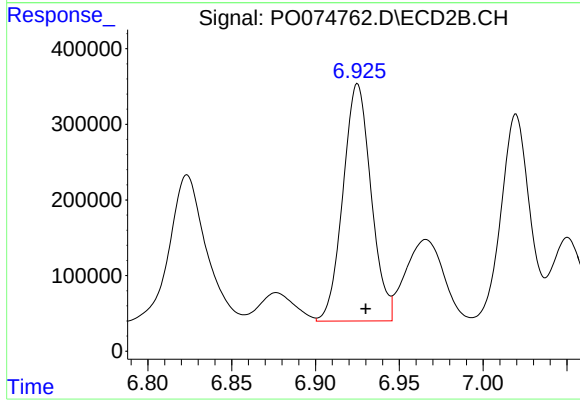
#28 AR-1254-3

R.T.: 6.687 min
Delta R.T.: -0.005 min
Response: 4999928
Conc: 1019.58 ng/ml



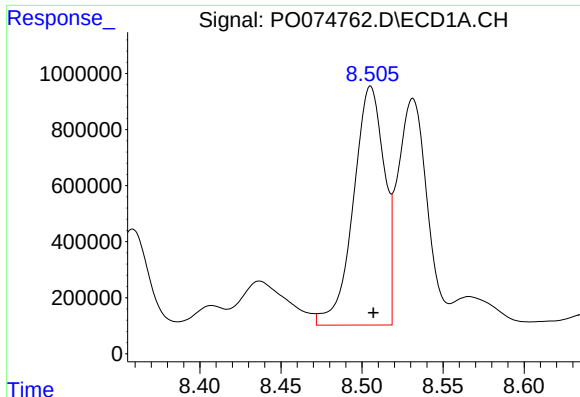
#29 AR-1254-4

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 7555597
Conc: 1245.84 ng/ml



#29 AR-1254-4

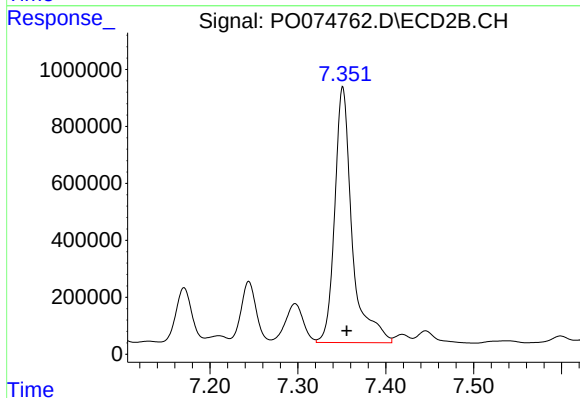
R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 3661175
Conc: 1055.77 ng/ml



#30 AR-1254-5

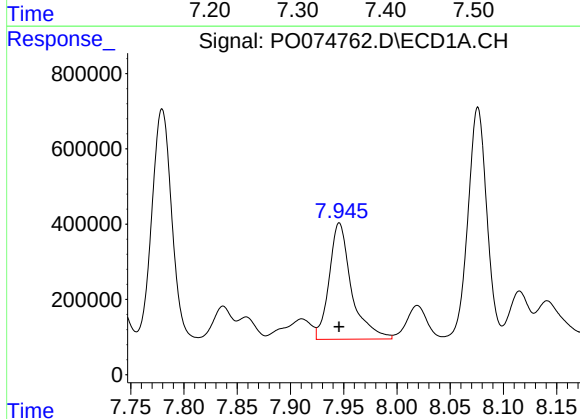
R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 11303262
Conc: 1945.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



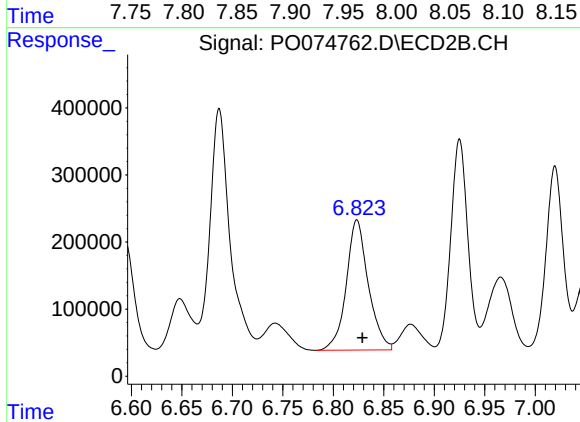
#30 AR-1254-5

R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 12337444
Conc: 2725.94 ng/ml



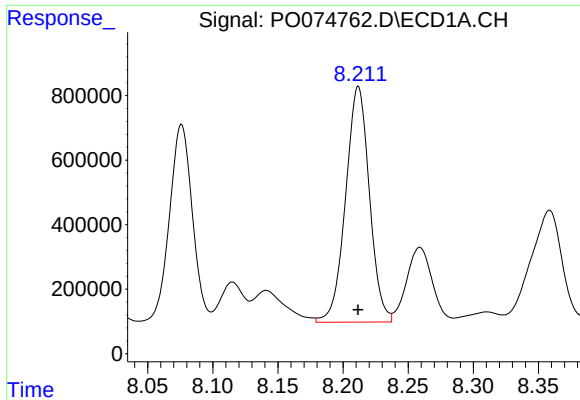
#31 AR-1260-1

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 4504033
Conc: 902.84 ng/ml



#31 AR-1260-1

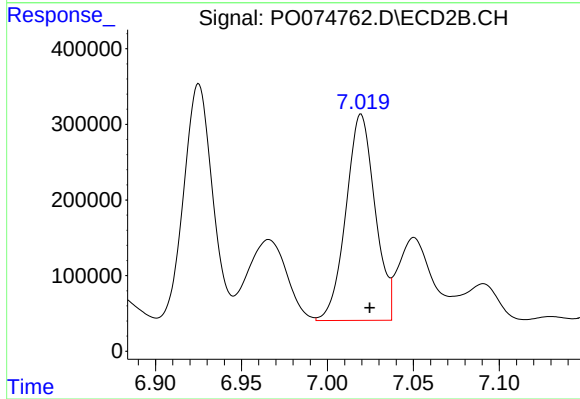
R.T.: 6.823 min
Delta R.T.: -0.005 min
Response: 2953516
Conc: 925.78 ng/ml



#32 AR-1260-2

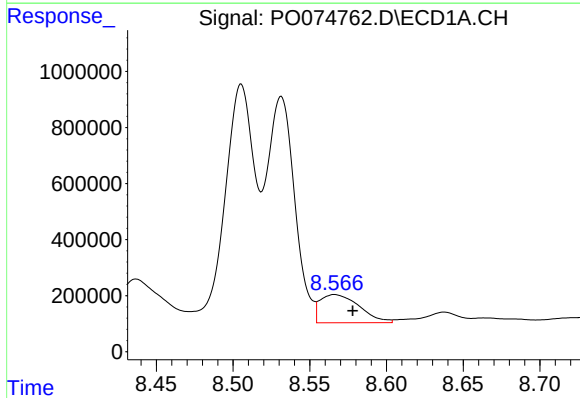
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 9294674
Conc: 1366.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



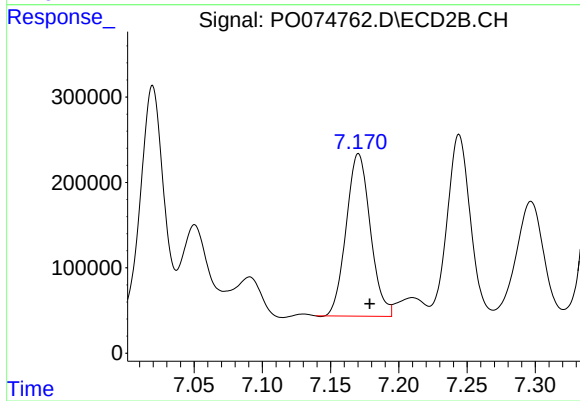
#32 AR-1260-2

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 3212206
Conc: 755.63 ng/ml



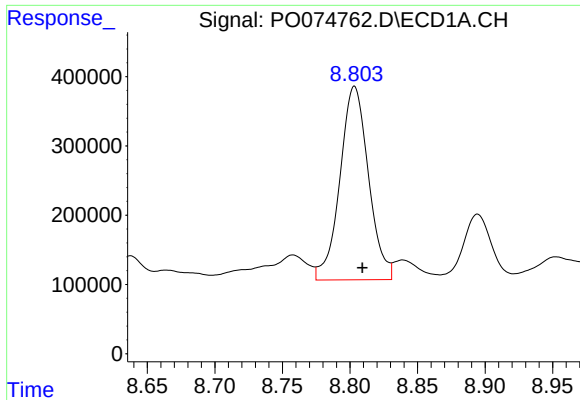
#33 AR-1260-3

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 1791513
Conc: 312.56 ng/ml



#33 AR-1260-3

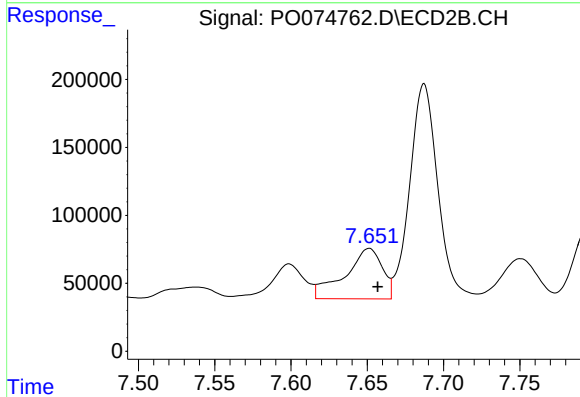
R.T.: 7.170 min
Delta R.T.: -0.008 min
Response: 2346067
Conc: 651.06 ng/ml



#34 AR-1260-4

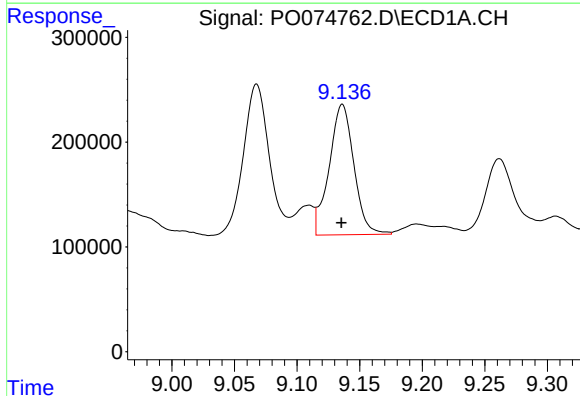
R.T.: 8.803 min
Delta R.T.: -0.006 min
Response: 4112069
Conc: 751.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



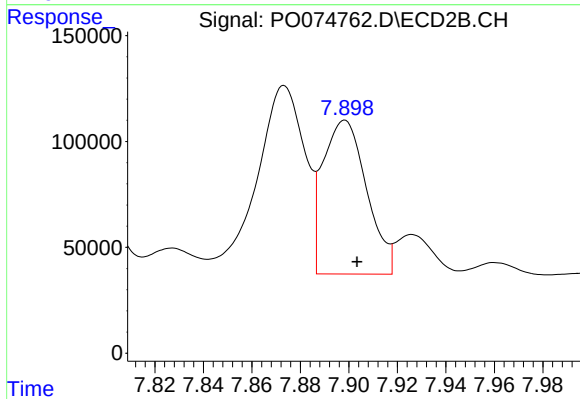
#34 AR-1260-4

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 633402
Conc: 202.28 ng/ml



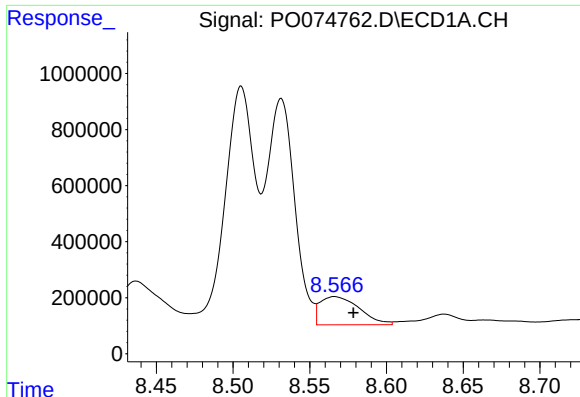
#35 AR-1260-5

R.T.: 9.136 min
Delta R.T.: 0.000 min
Response: 1711934
Conc: 137.01 ng/ml



#35 AR-1260-5

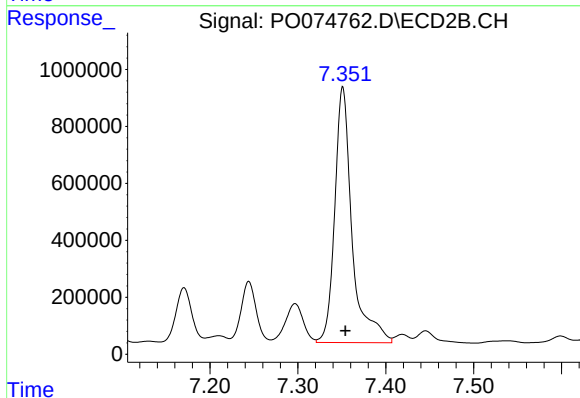
R.T.: 7.898 min
Delta R.T.: -0.005 min
Response: 907864
Conc: 114.22 ng/ml



#36 AR-1262-1

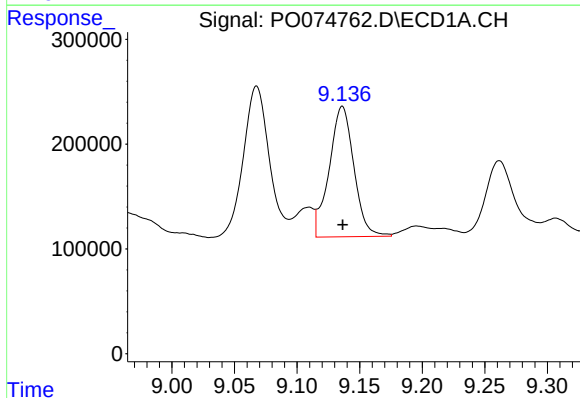
R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 1791513
Conc: 201.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



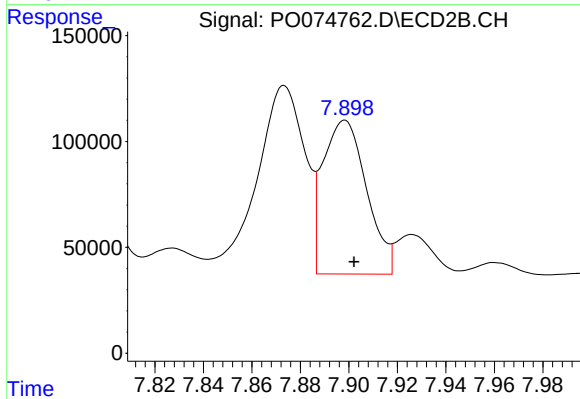
#36 AR-1262-1

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 12337444
Conc: 4848.52 ng/ml



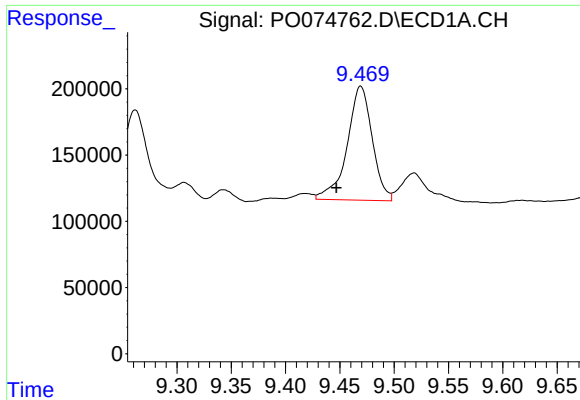
#37 AR-1262-2

R.T.: 9.136 min
Delta R.T.: 0.000 min
Response: 1711934
Conc: 111.82 ng/ml



#37 AR-1262-2

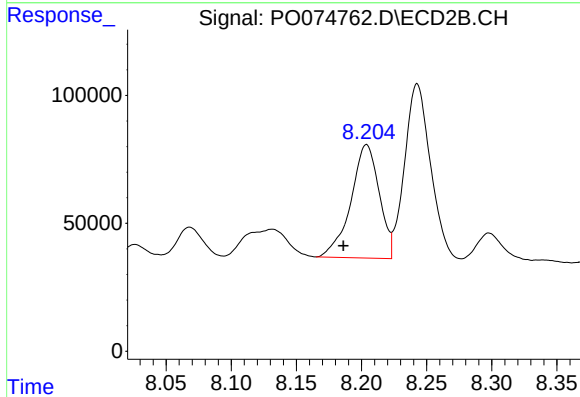
R.T.: 7.898 min
Delta R.T.: -0.004 min
Response: 907864
Conc: 98.74 ng/ml



#38 AR-1262-3

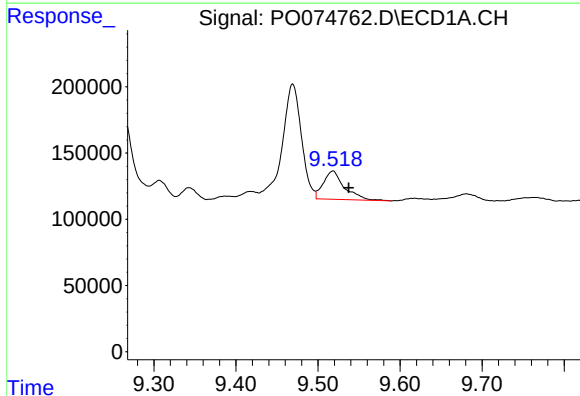
R.T.: 9.469 min
Delta R.T.: 0.022 min
Response: 1383841
Conc: 138.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



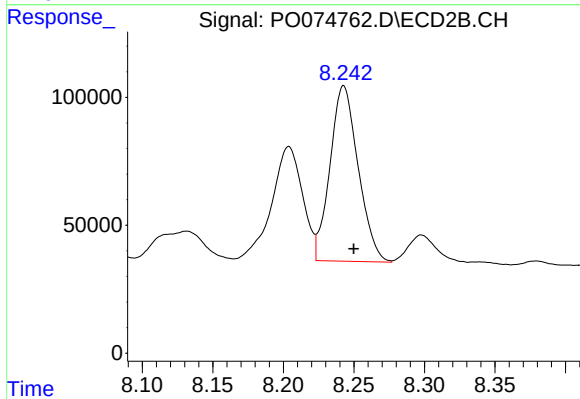
#38 AR-1262-3

R.T.: 8.204 min
Delta R.T.: 0.018 min
Response: 671027
Conc: 169.69 ng/ml



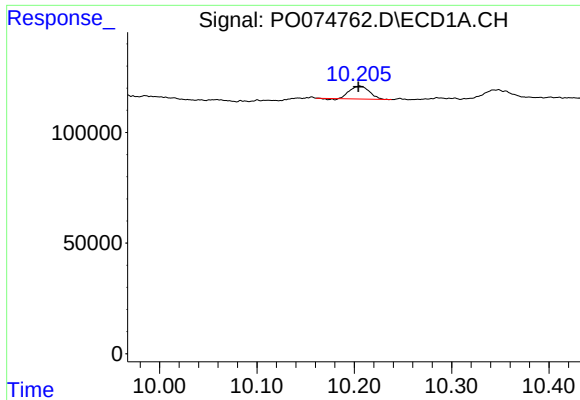
#39 AR-1262-4

R.T.: 9.518 min
Delta R.T.: -0.019 min
Response: 380919
Conc: 51.15 ng/ml



#39 AR-1262-4

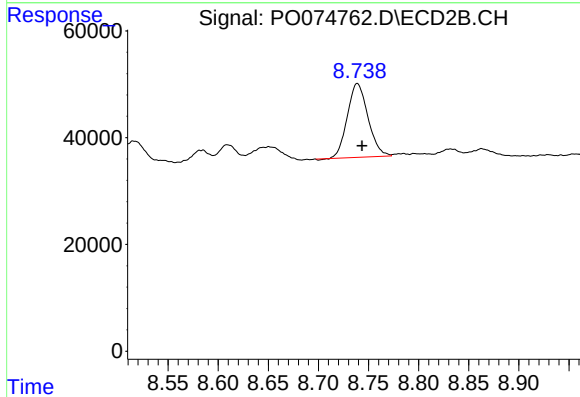
R.T.: 8.243 min
Delta R.T.: -0.007 min
Response: 953151
Conc: 143.87 ng/ml



#40 AR-1262-5

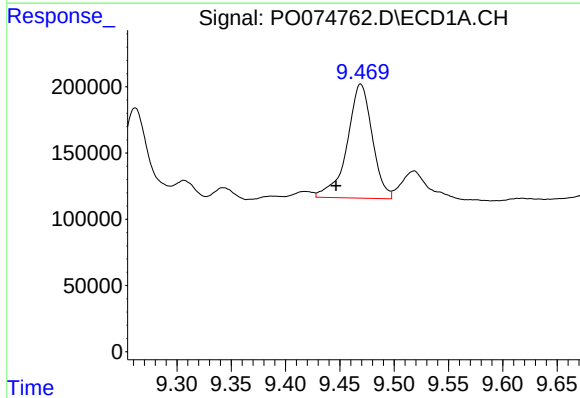
R.T.: 10.206 min
Delta R.T.: 0.001 min
Response: 81193
Conc: 15.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



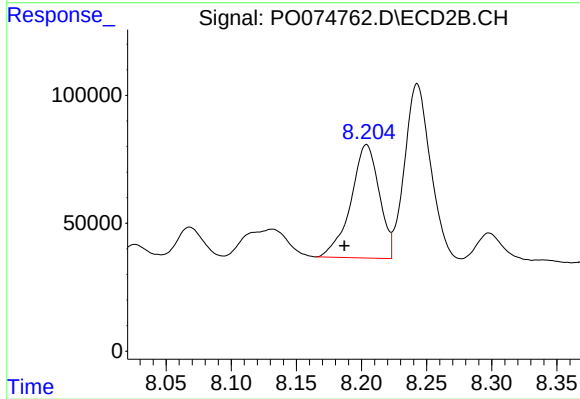
#40 AR-1262-5

R.T.: 8.739 min
Delta R.T.: -0.005 min
Response: 198299
Conc: 64.23 ng/ml



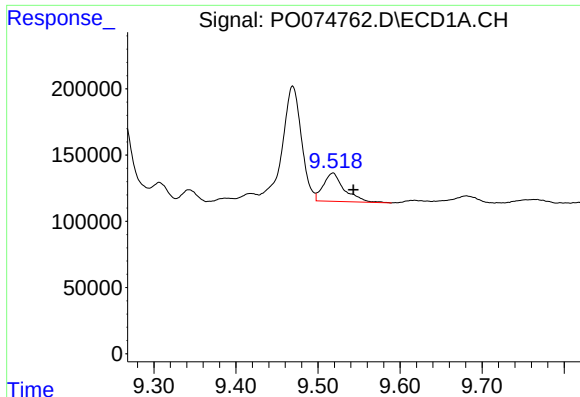
#41 AR-1268-1

R.T.: 9.469 min
Delta R.T.: 0.023 min
Response: 1383841
Conc: 74.07 ng/ml



#41 AR-1268-1

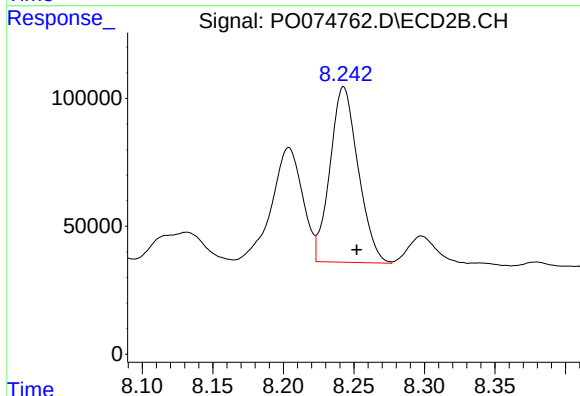
R.T.: 8.204 min
Delta R.T.: 0.017 min
Response: 671027
Conc: 59.94 ng/ml



#42 AR-1268-2

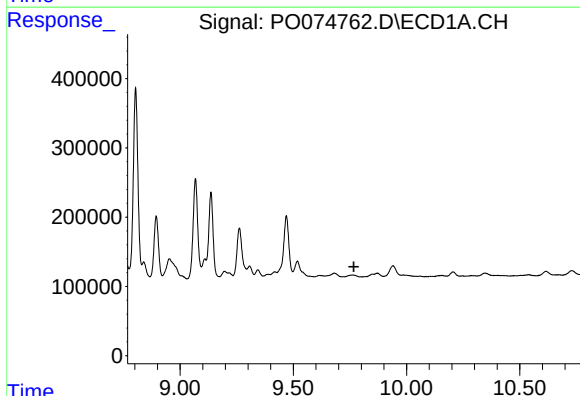
R.T.: 9.518 min
Delta R.T.: -0.025 min
Response: 380919
Conc: 23.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



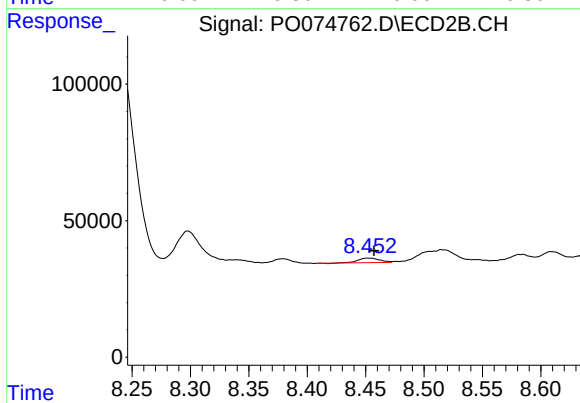
#42 AR-1268-2

R.T.: 8.243 min
Delta R.T.: -0.009 min
Response: 953151
Conc: 99.63 ng/ml



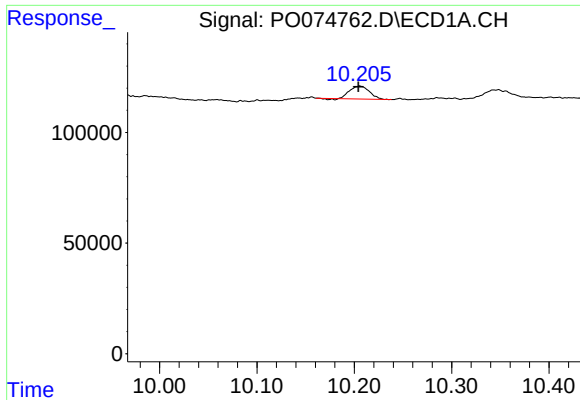
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.768 min
Response: 0
Conc: N.D.



#43 AR-1268-3

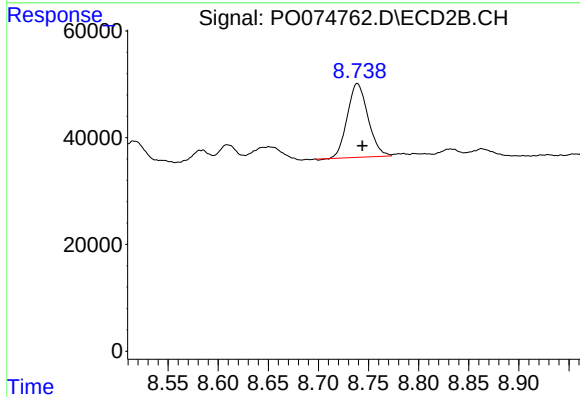
R.T.: 8.453 min
Delta R.T.: -0.005 min
Response: 21562
Conc: 2.60 ng/ml



#44 AR-1268-4

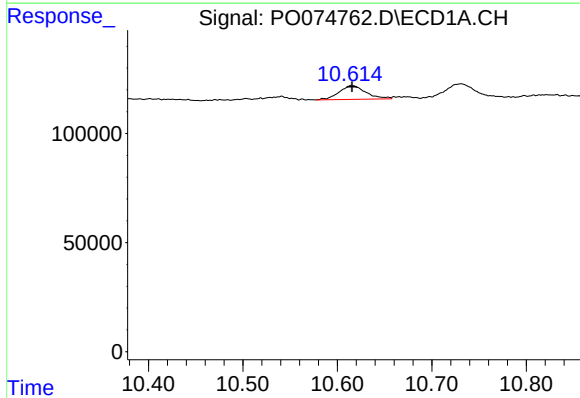
R.T.: 10.206 min
Delta R.T.: 0.001 min
Response: 81193
Conc: 13.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
S6-03-C



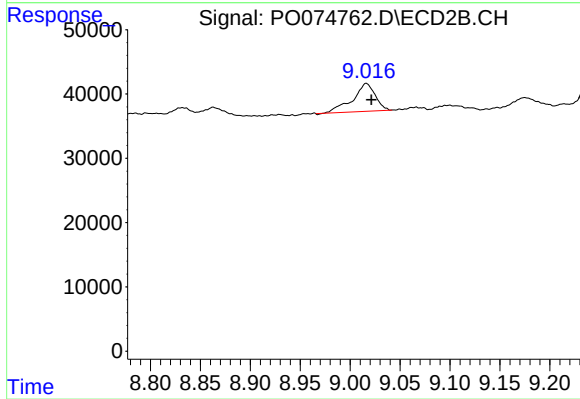
#44 AR-1268-4

R.T.: 8.739 min
Delta R.T.: -0.005 min
Response: 198299
Conc: 57.16 ng/ml



#45 AR-1268-5

R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 124389
Conc: 2.98 ng/ml



#45 AR-1268-5

R.T.: 9.016 min
Delta R.T.: -0.005 min
Response: 68235
Conc: 2.88 ng/ml