

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110119\
 Data File : PO063424.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Nov 2019 19:35
 Operator : HP/AJ
 Sample : K5640-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 23:27:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.311	3.478	967314	956062	16.597	17.506
2)	SA Decachlor...	9.924	8.314	578280	433639	9.939	10.143
Target Compounds							
3)	L1 AR-1016-1	5.526	4.543	278667	255045	127.468	136.133
4)	L1 AR-1016-2	5.526	4.543	278667	255045	88.951	93.508
5)	L1 AR-1016-3	5.561	4.703	268772	589722	143.462	424.909 #
6)	L1 AR-1016-4	5.625	4.753	4107074	46533	2600.924	41.664 #
7)	L1 AR-1016-5	5.952	4.958	423199	-149368	277.801	N.D. #
9)	L2 AR-1221-2	0.000	3.819	0	211315	N.D.	547.321 #
10)	L2 AR-1221-3	4.756	3.819	200755	211315	145.303	171.854
11)	L3 AR-1232-1	4.756	3.819	200755	211315	105.210	123.809
12)	L3 AR-1232-2	5.182	4.543	317835	255045	321.075	129.658 #
13)	L3 AR-1232-3	5.526	4.703	278667	589722	123.059	609.570 #
14)	L3 AR-1232-4	5.625	4.807	4107074	195888	3718.736	235.928 #
15)	L3 AR-1232-5	5.740	4.958	826978	-149368	1031.319	N.D. #
16)	L4 AR-1242-1	5.526	4.543	278667	255045	173.732	184.565
17)	L4 AR-1242-2	5.526	4.543	278667	255045	120.865	124.311
18)	L4 AR-1242-3	5.561	4.703	268772	589722	193.441	562.718 #
19)	L4 AR-1242-4	5.625	4.807	4107074	195888	3515.267	197.345 #
20)	L4 AR-1242-5	6.406	5.300	1650913	4744218	1147.030	3395.935 #
21)	L5 AR-1248-1	5.526	4.543	278667	255045	226.019	233.345
22)	L5 AR-1248-2	5.740	4.753	826978	46533	477.406	33.276 #
23)	L5 AR-1248-3	5.952	4.807	423199	195888	218.305	135.451 #
24)	L5 AR-1248-4	6.328	4.958	7155977	-149368	2875.085	N.D. #
25)	L5 AR-1248-5	6.406	5.337	1650913	577997	707.167	312.675 #
26)	L6 AR-1254-1	6.328	5.300	7155977	4744218	2814.637	1574.953 #
27)	L6 AR-1254-2	6.545	5.433	3762807	562850	930.233	208.695 #
28)	L6 AR-1254-3	6.907	5.826	2065680	171511	485.311	39.949 #
29)	L6 AR-1254-4	7.158	6.064	1040502	520283	307.405	182.578 #
30)	L6 AR-1254-5	7.598	6.458	245618	307316	74.048	82.442
31)	L7 AR-1260-1	0.000	5.957	0	185949	N.D.	67.328 #
32)	L7 AR-1260-2	7.311	6.132	3331508	489528	825.254	127.585 #
33)	L7 AR-1260-3	0.000	6.289	0	297602	N.D.	94.849 #
34)	L7 AR-1260-4	0.000	6.749	0	139077	N.D.	54.930 #
35)	L7 AR-1260-5	0.000	6.990	0	201622	N.D.	33.078 #
36)	L8 AR-1262-1	0.000	6.557	0	136268	N.D.	74.891 #
37)	L8 AR-1262-2	0.000	6.990	0	201622	N.D.	28.290 #
38)	L8 AR-1262-3	0.000	7.267	0	37949	N.D.	14.159 #
39)	L8 AR-1262-4	0.000	7.328	0	87608	N.D.	19.104 #
41)	L9 AR-1268-1	0.000	7.267	0	37949	N.D.	4.762 #
42)	L9 AR-1268-2	0.000	7.328	0	87608	N.D.	13.305 #
45)	L9 AR-1268-5	0.000	8.082	0	69569	N.D.	4.646 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110119\
Data File : PO063424.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Nov 2019 19:35
Operator : HP/AJ
Sample : K5640-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

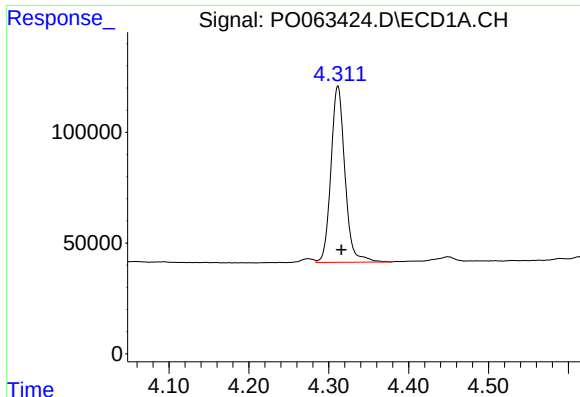
Instrument :
ECD_O
ClientSampleId :
DUP-12

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 23:27:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 30 02:25:39 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

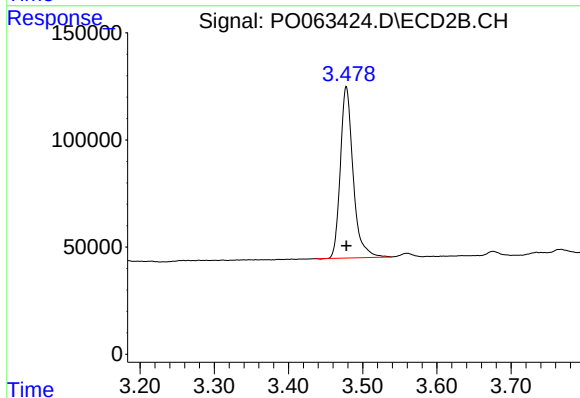
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

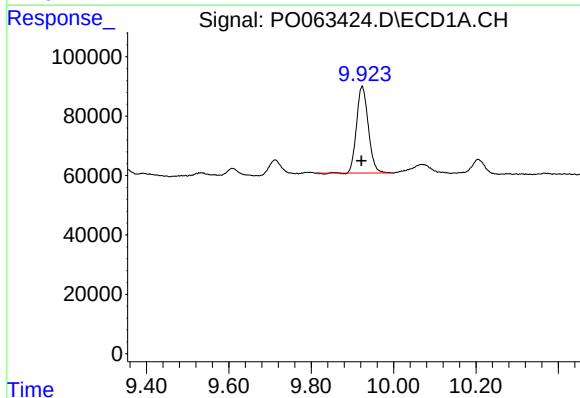
R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 967314
Conc: 16.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



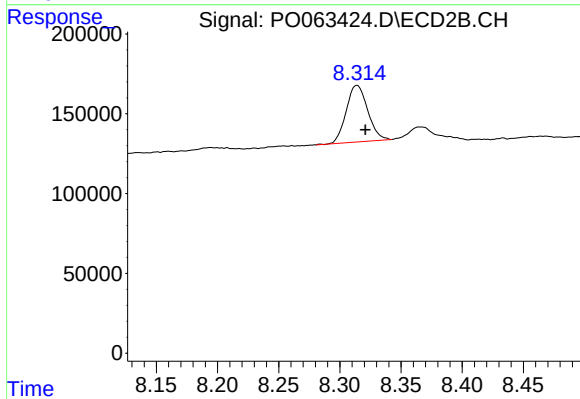
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.000 min
Response: 956062
Conc: 17.51 ng/ml



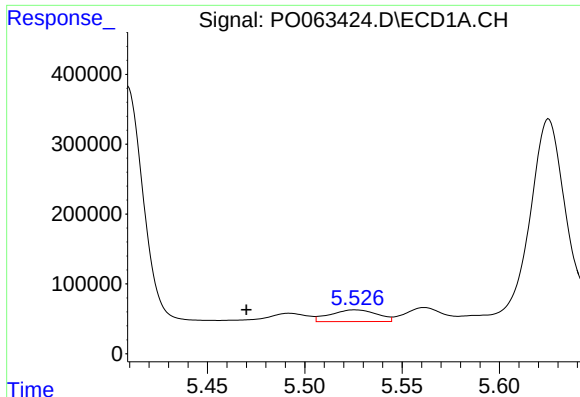
#2 Decachlorobiphenyl

R.T.: 9.924 min
Delta R.T.: 0.002 min
Response: 578280
Conc: 9.94 ng/ml



#2 Decachlorobiphenyl

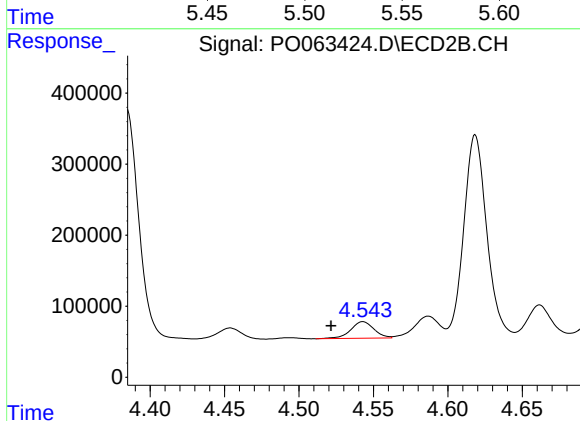
R.T.: 8.314 min
Delta R.T.: -0.007 min
Response: 433639
Conc: 10.14 ng/ml



#3 AR-1016-1

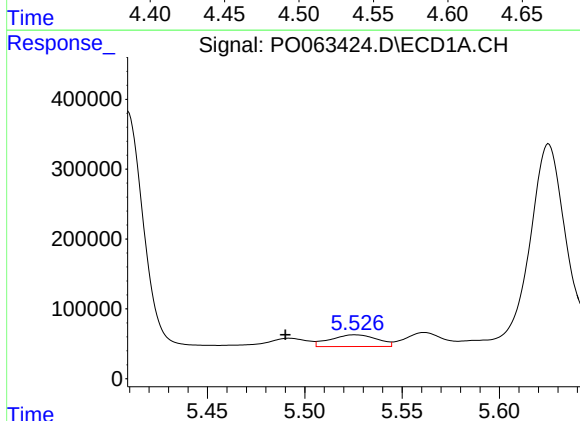
R.T.: 5.526 min
Delta R.T.: 0.056 min
Response: 278667
Conc: 127.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



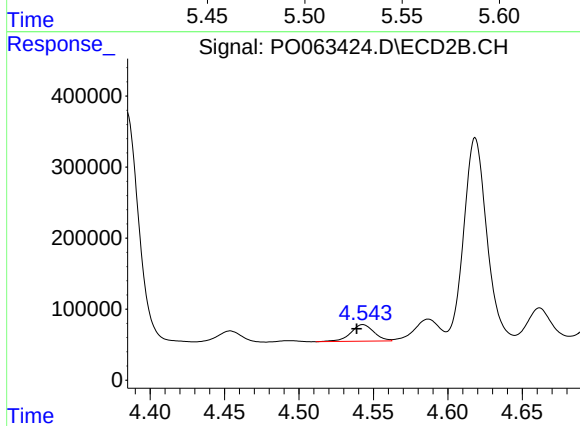
#3 AR-1016-1

R.T.: 4.543 min
Delta R.T.: 0.022 min
Response: 255045
Conc: 136.13 ng/ml



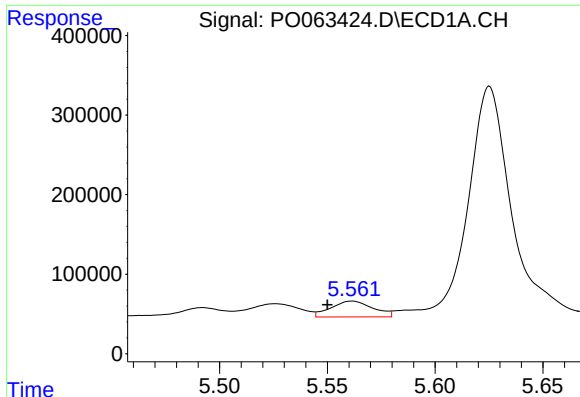
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: 0.036 min
Response: 278667
Conc: 88.95 ng/ml



#4 AR-1016-2

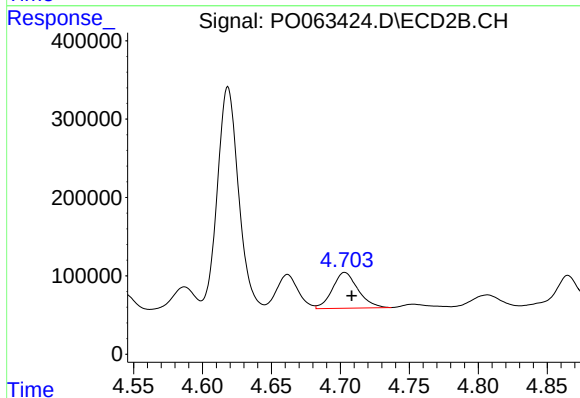
R.T.: 4.543 min
Delta R.T.: 0.004 min
Response: 255045
Conc: 93.51 ng/ml



#5 AR-1016-3

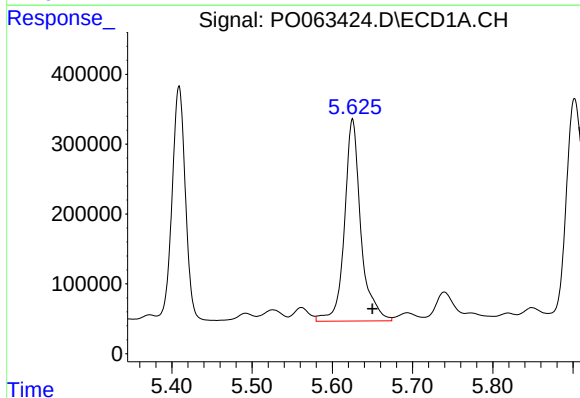
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 268772
Conc: 143.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



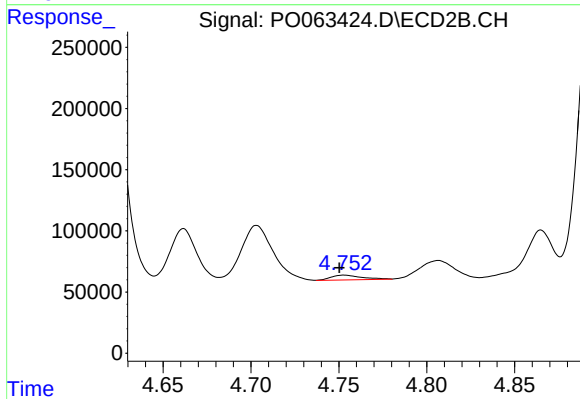
#5 AR-1016-3

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 589722
Conc: 424.91 ng/ml



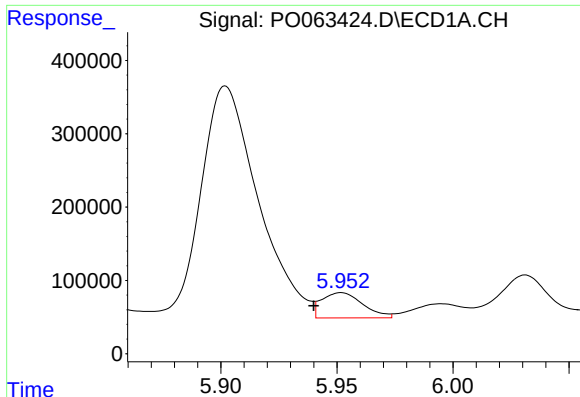
#6 AR-1016-4

R.T.: 5.625 min
Delta R.T.: -0.025 min
Response: 4107074
Conc: 2600.92 ng/ml



#6 AR-1016-4

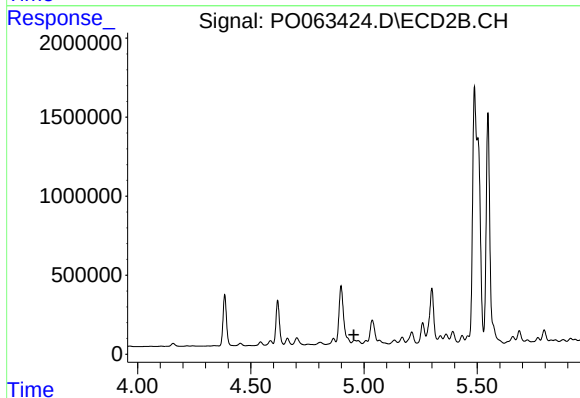
R.T.: 4.753 min
Delta R.T.: 0.003 min
Response: 46533
Conc: 41.66 ng/ml



#7 AR-1016-5

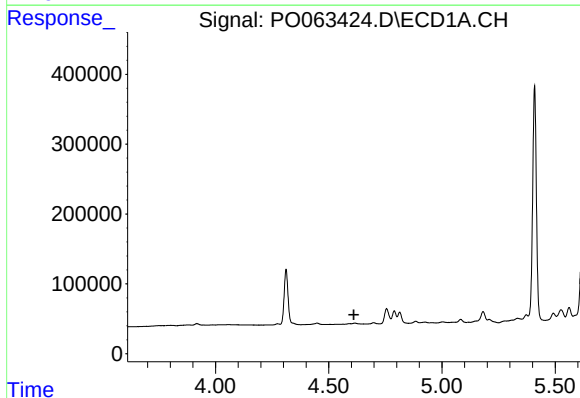
R.T.: 5.952 min
Delta R.T.: 0.012 min
Response: 423199
Conc: 277.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



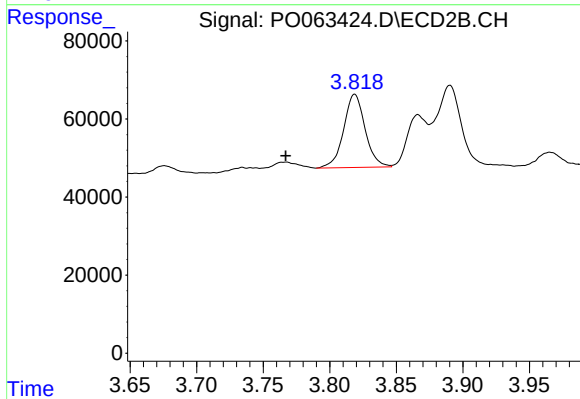
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: -149368
Conc: N.D.



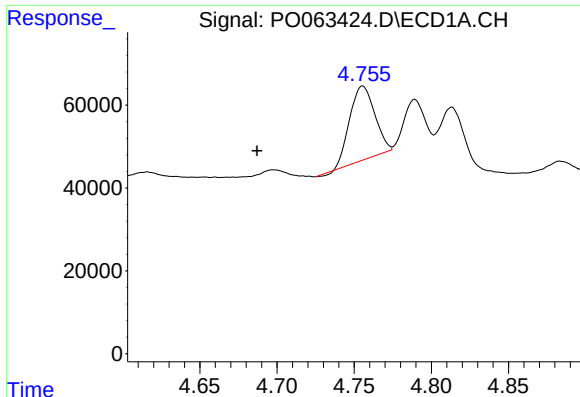
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.611 min
Response: 0
Conc: N.D.



#9 AR-1221-2

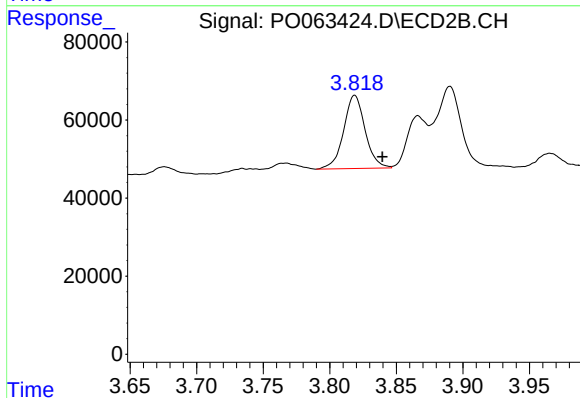
R.T.: 3.819 min
Delta R.T.: 0.052 min
Response: 211315
Conc: 547.32 ng/ml



#10 AR-1221-3

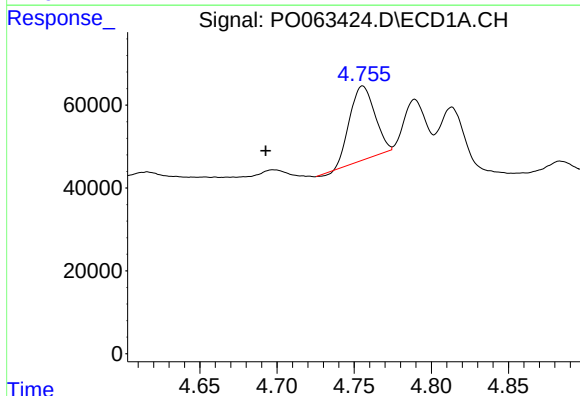
R.T.: 4.756 min
Delta R.T.: 0.069 min
Response: 200755
Conc: 145.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



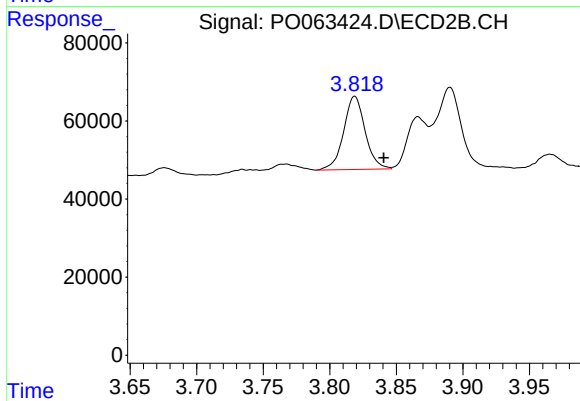
#10 AR-1221-3

R.T.: 3.819 min
Delta R.T.: -0.021 min
Response: 211315
Conc: 171.85 ng/ml



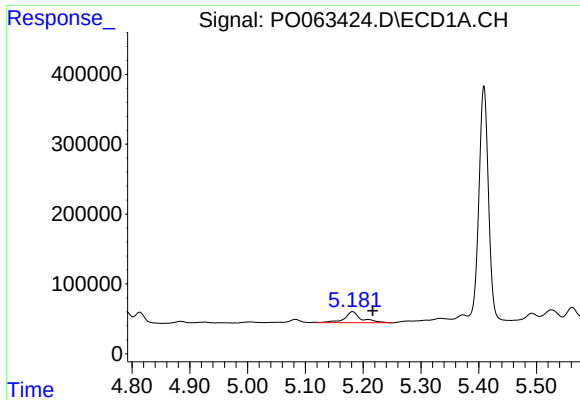
#11 AR-1232-1

R.T.: 4.756 min
Delta R.T.: 0.063 min
Response: 200755
Conc: 105.21 ng/ml



#11 AR-1232-1

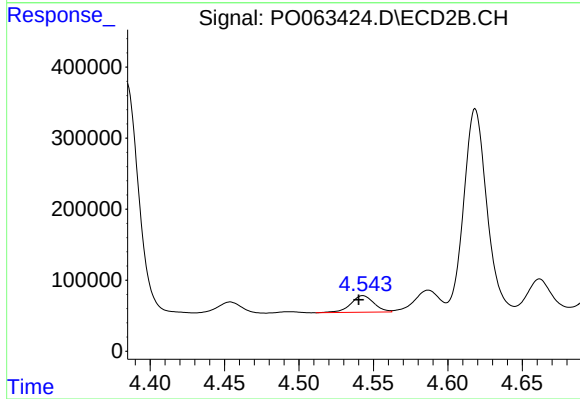
R.T.: 3.819 min
Delta R.T.: -0.022 min
Response: 211315
Conc: 123.81 ng/ml



#12 AR-1232-2

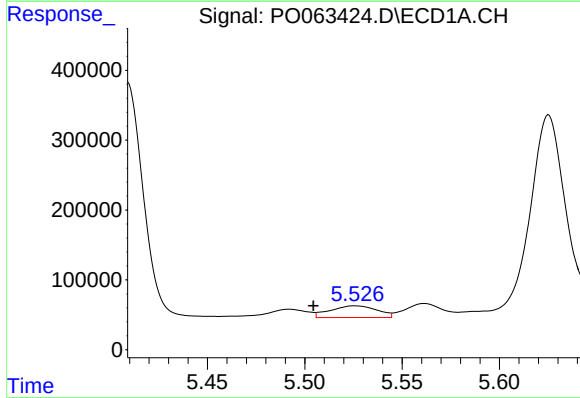
R.T.: 5.182 min
Delta R.T.: -0.035 min
Response: 317835
Conc: 321.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



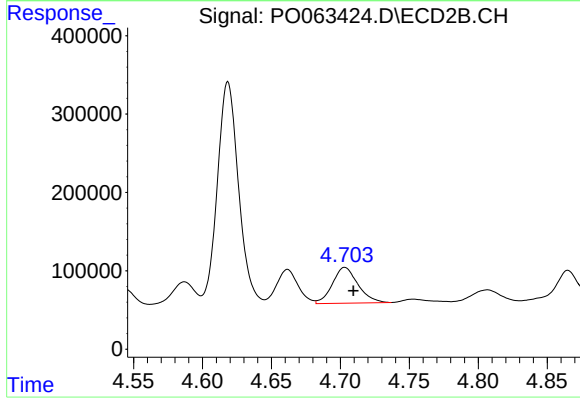
#12 AR-1232-2

R.T.: 4.543 min
Delta R.T.: 0.003 min
Response: 255045
Conc: 129.66 ng/ml



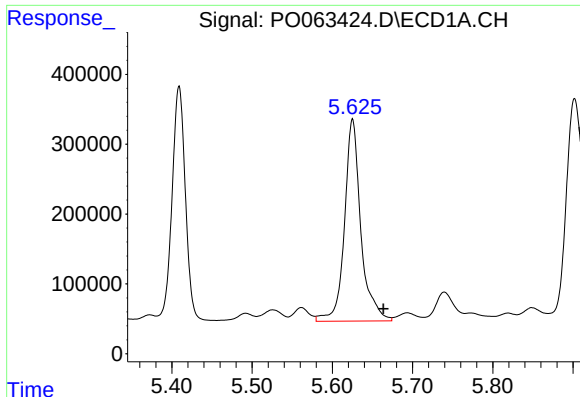
#13 AR-1232-3

R.T.: 5.526 min
Delta R.T.: 0.022 min
Response: 278667
Conc: 123.06 ng/ml



#13 AR-1232-3

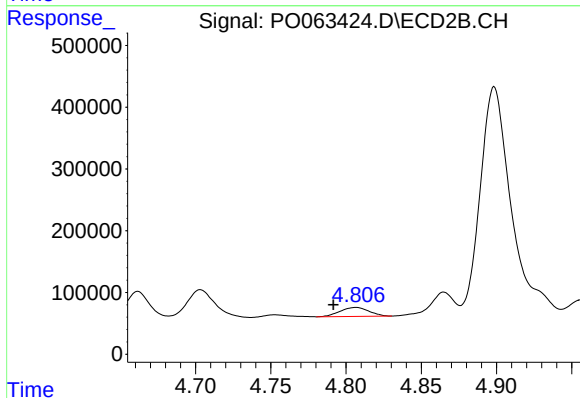
R.T.: 4.703 min
Delta R.T.: -0.006 min
Response: 589722
Conc: 609.57 ng/ml



#14 AR-1232-4

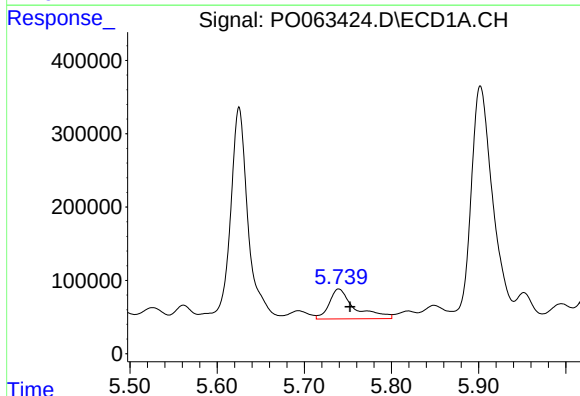
R.T.: 5.625 min
Delta R.T.: -0.038 min
Response: 4107074
Conc: 3718.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



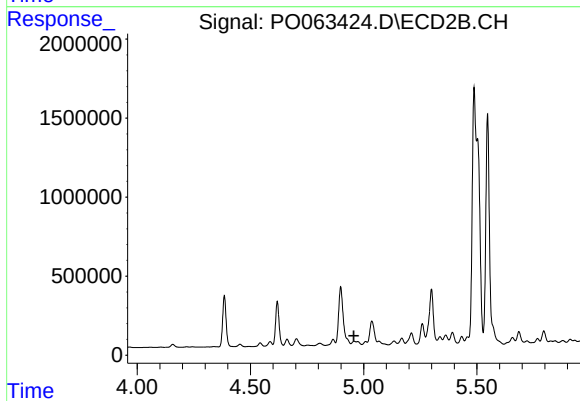
#14 AR-1232-4

R.T.: 4.807 min
Delta R.T.: 0.015 min
Response: 195888
Conc: 235.93 ng/ml



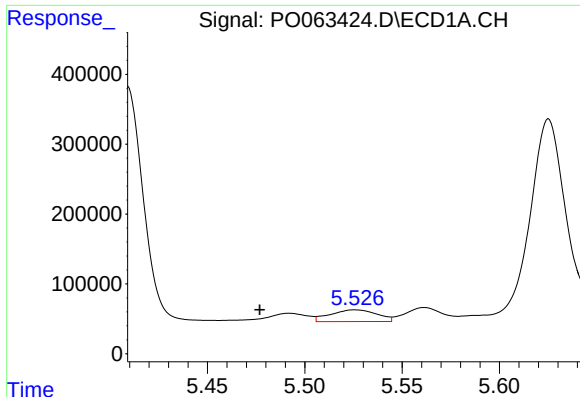
#15 AR-1232-5

R.T.: 5.740 min
Delta R.T.: -0.013 min
Response: 826978
Conc: 1031.32 ng/ml



#15 AR-1232-5

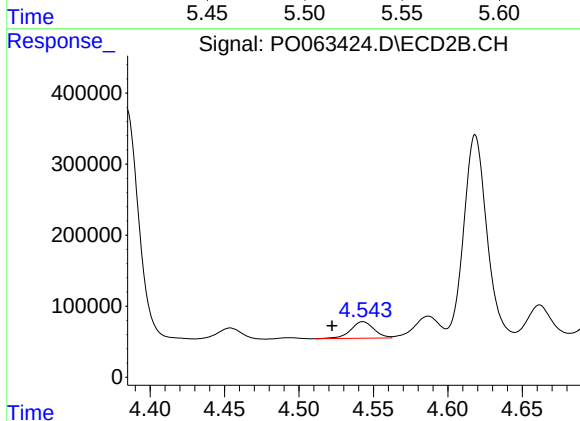
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: -149368
Conc: N.D.



#16 AR-1242-1

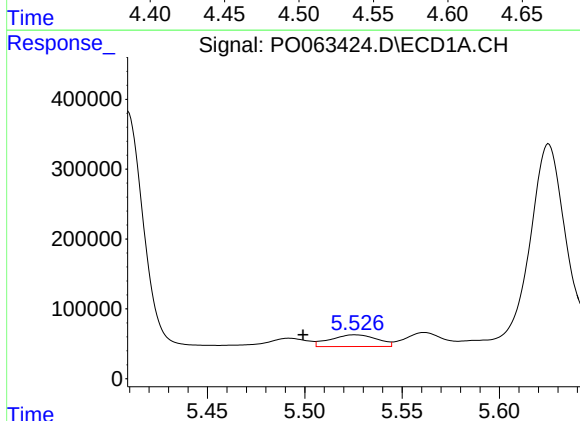
R.T.: 5.526 min
Delta R.T.: 0.049 min
Response: 278667
Conc: 173.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



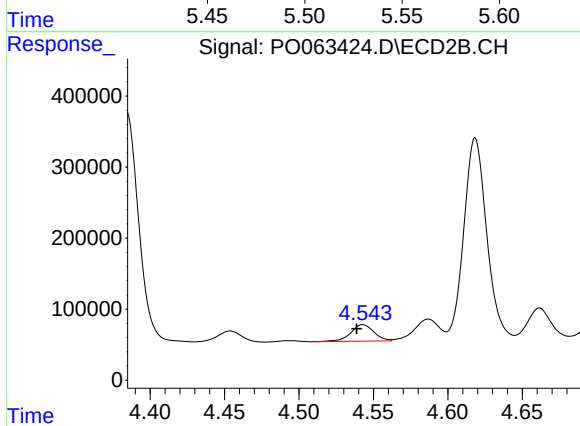
#16 AR-1242-1

R.T.: 4.543 min
Delta R.T.: 0.021 min
Response: 255045
Conc: 184.57 ng/ml



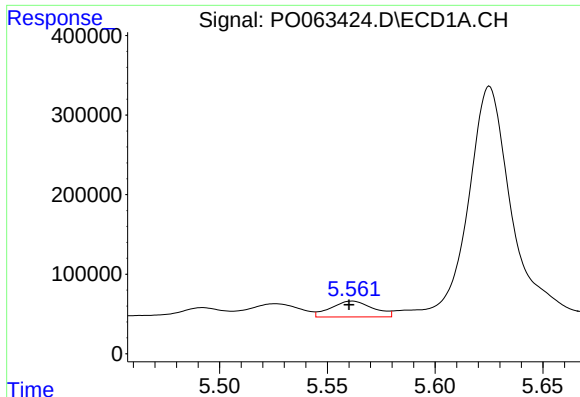
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: 0.027 min
Response: 278667
Conc: 120.86 ng/ml



#17 AR-1242-2

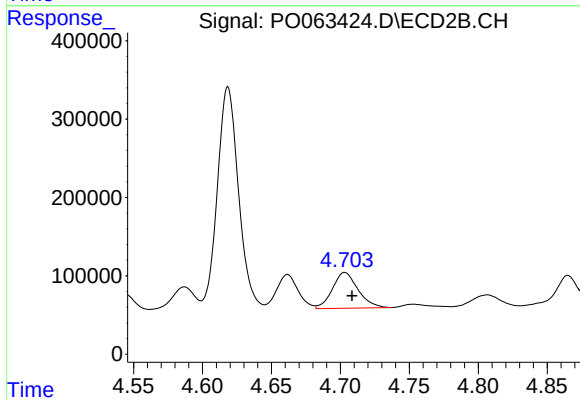
R.T.: 4.543 min
Delta R.T.: 0.004 min
Response: 255045
Conc: 124.31 ng/ml



#18 AR-1242-3

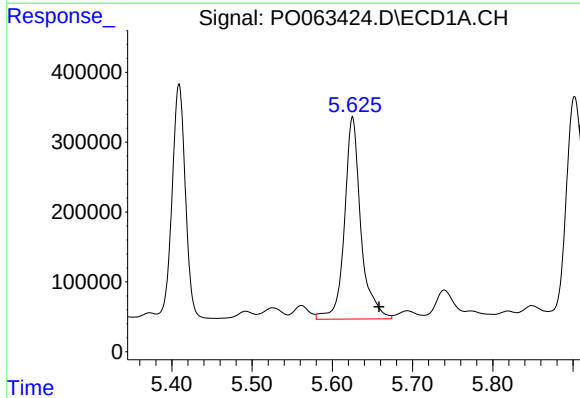
R.T.: 5.561 min
Delta R.T.: 0.001 min
Response: 268772
Conc: 193.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



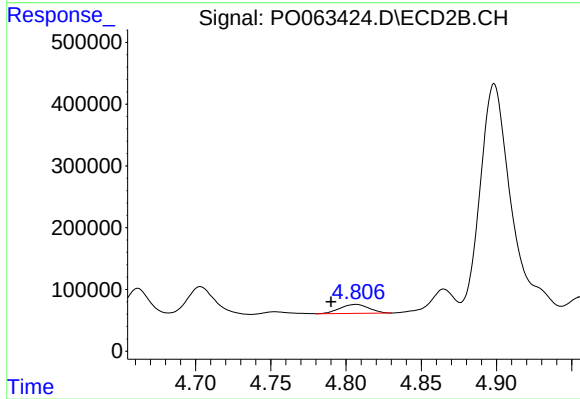
#18 AR-1242-3

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 589722
Conc: 562.72 ng/ml



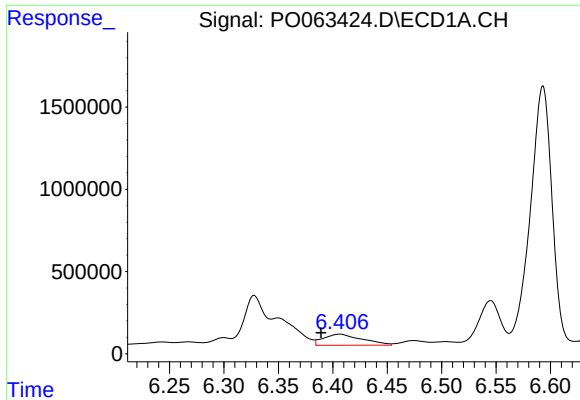
#19 AR-1242-4

R.T.: 5.625 min
Delta R.T.: -0.033 min
Response: 4107074
Conc: 3515.27 ng/ml



#19 AR-1242-4

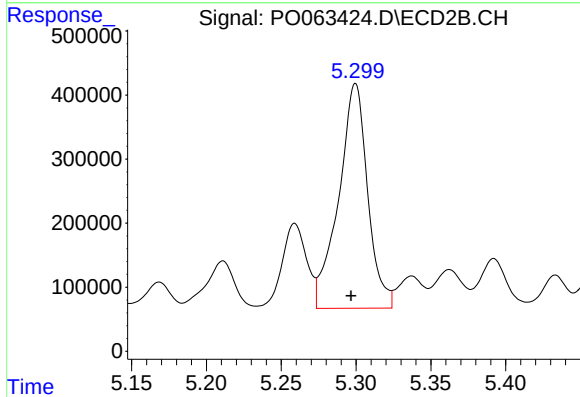
R.T.: 4.807 min
Delta R.T.: 0.017 min
Response: 195888
Conc: 197.34 ng/ml



#20 AR-1242-5

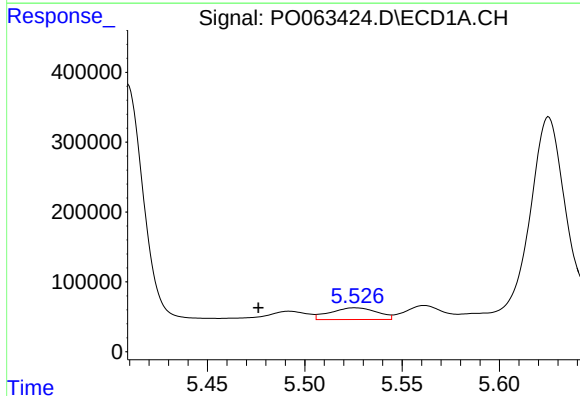
R.T.: 6.406 min
Delta R.T.: 0.017 min
Response: 1650913
Conc: 1147.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



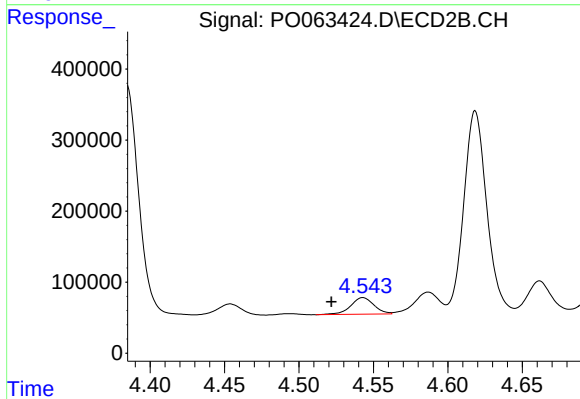
#20 AR-1242-5

R.T.: 5.300 min
Delta R.T.: 0.003 min
Response: 4744218
Conc: 3395.94 ng/ml



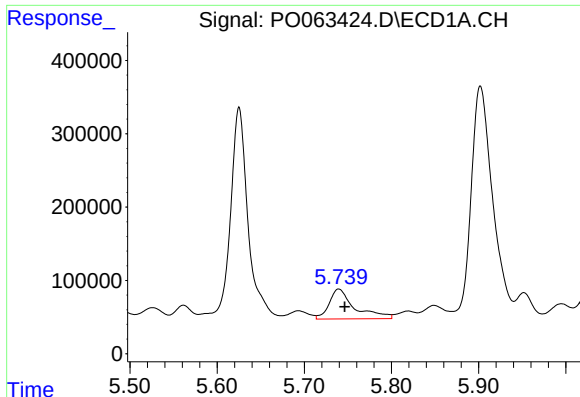
#21 AR-1248-1

R.T.: 5.526 min
Delta R.T.: 0.050 min
Response: 278667
Conc: 226.02 ng/ml



#21 AR-1248-1

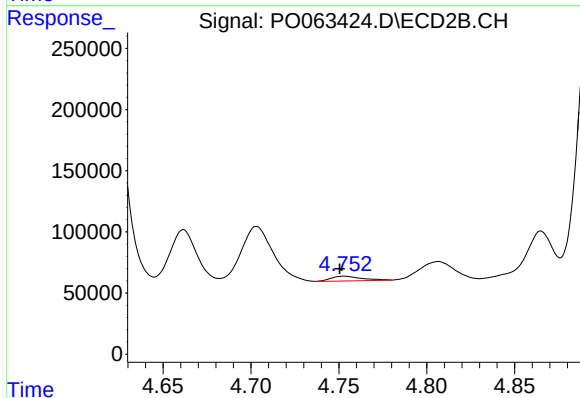
R.T.: 4.543 min
Delta R.T.: 0.021 min
Response: 255045
Conc: 233.34 ng/ml



#22 AR-1248-2

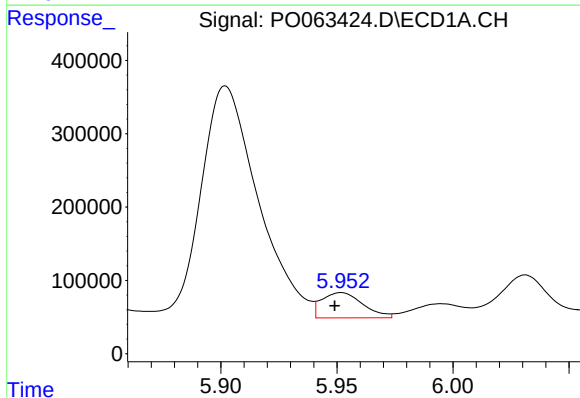
R.T.: 5.740 min
Delta R.T.: -0.007 min
Response: 826978
Conc: 477.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



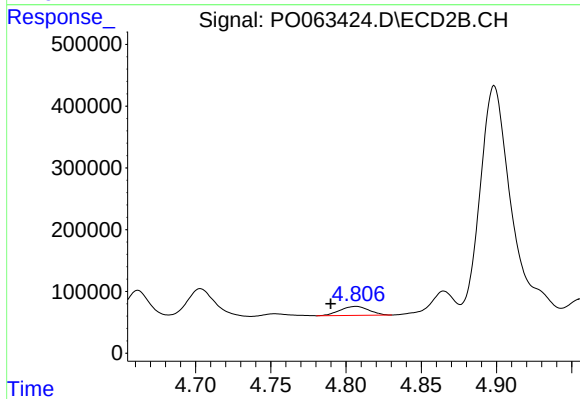
#22 AR-1248-2

R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 46533
Conc: 33.28 ng/ml



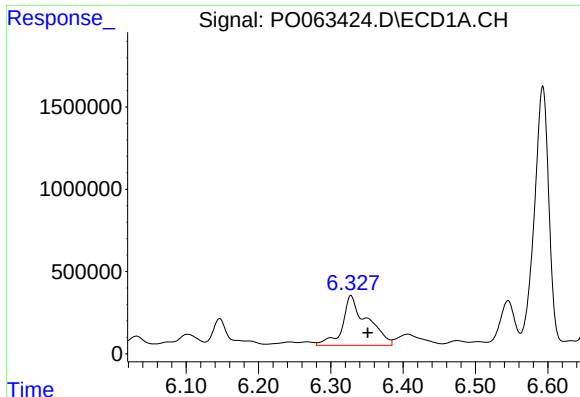
#23 AR-1248-3

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 423199
Conc: 218.30 ng/ml



#23 AR-1248-3

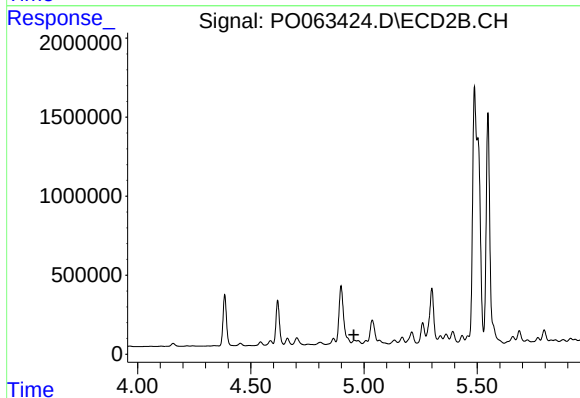
R.T.: 4.807 min
Delta R.T.: 0.017 min
Response: 195888
Conc: 135.45 ng/ml



#24 AR-1248-4

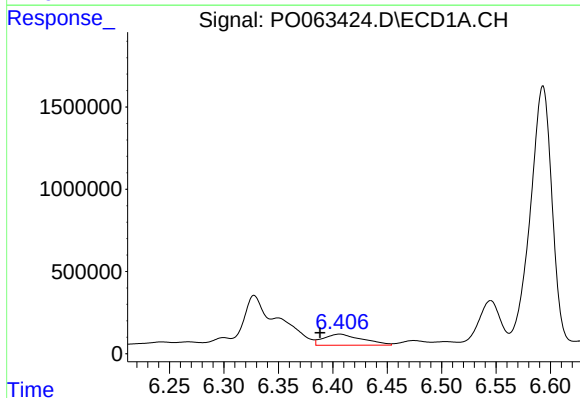
R.T.: 6.328 min
Delta R.T.: -0.023 min
Response: 7155977
Conc: 2875.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



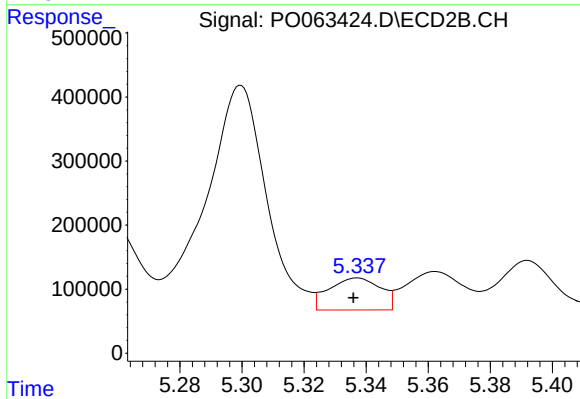
#24 AR-1248-4

R.T.: 4.958 min
Delta R.T.: 0.002 min
Response: -149368
Conc: N.D.



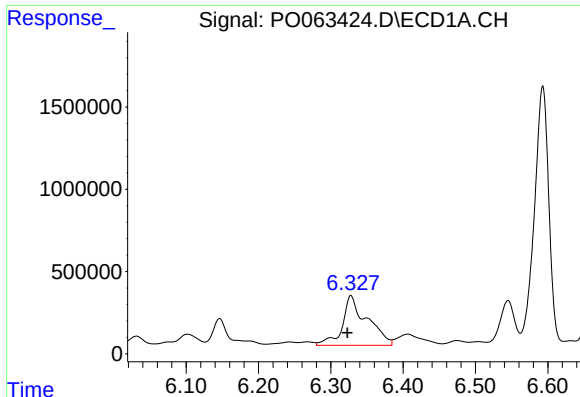
#25 AR-1248-5

R.T.: 6.406 min
Delta R.T.: 0.018 min
Response: 1650913
Conc: 707.17 ng/ml



#25 AR-1248-5

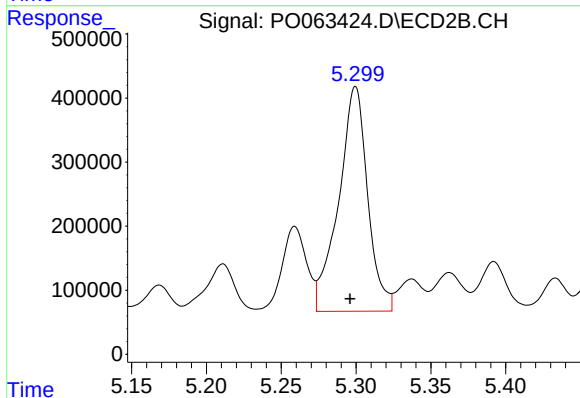
R.T.: 5.337 min
Delta R.T.: 0.001 min
Response: 577997
Conc: 312.67 ng/ml



#26 AR-1254-1

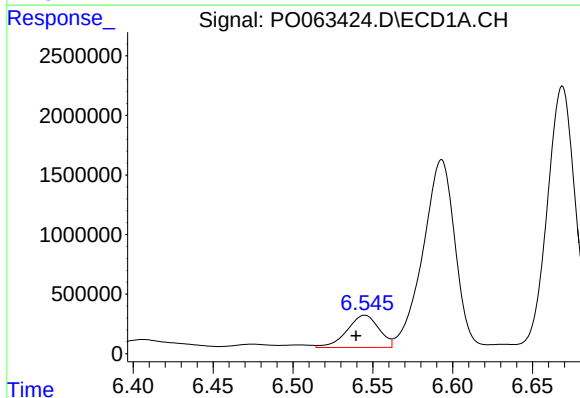
R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 7155977
Conc: 2814.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



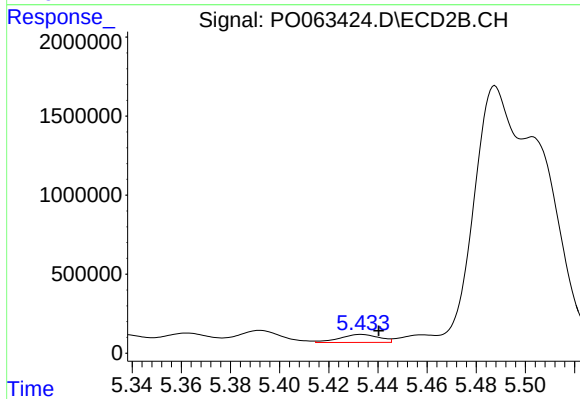
#26 AR-1254-1

R.T.: 5.300 min
Delta R.T.: 0.004 min
Response: 4744218
Conc: 1574.95 ng/ml



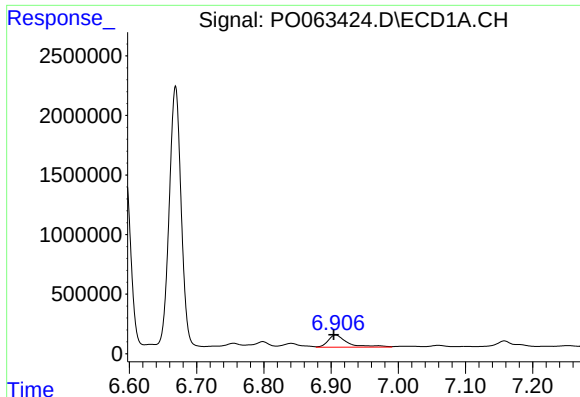
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 3762807
Conc: 930.23 ng/ml



#27 AR-1254-2

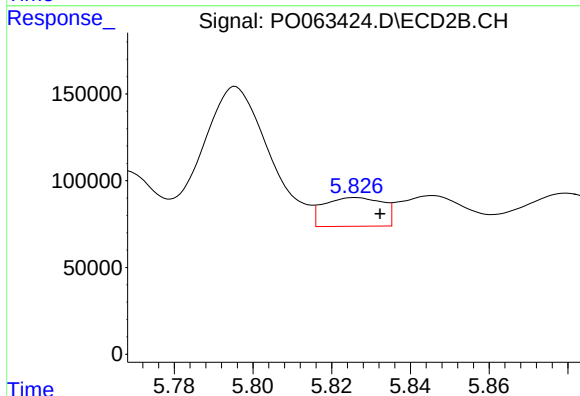
R.T.: 5.433 min
Delta R.T.: -0.007 min
Response: 562850
Conc: 208.69 ng/ml



#28 AR-1254-3

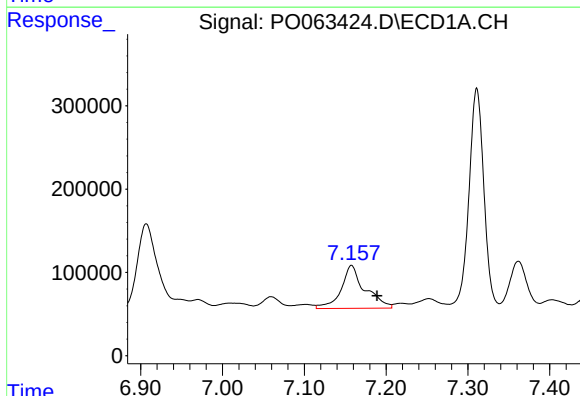
R.T.: 6.907 min
Delta R.T.: 0.003 min
Response: 2065680
Conc: 485.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



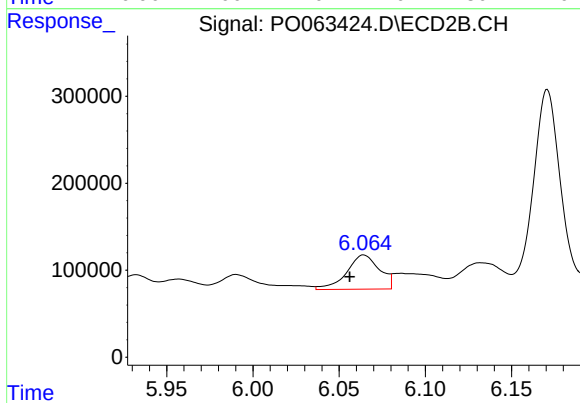
#28 AR-1254-3

R.T.: 5.826 min
Delta R.T.: -0.006 min
Response: 171511
Conc: 39.95 ng/ml



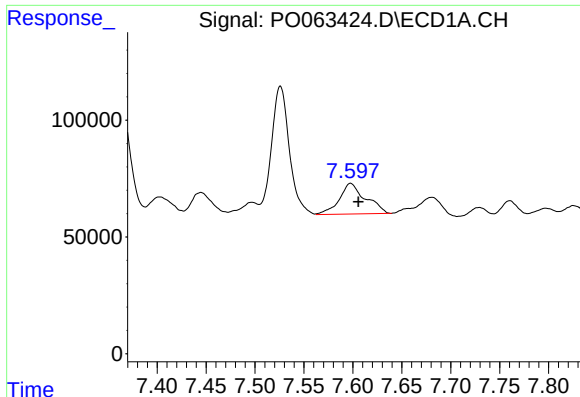
#29 AR-1254-4

R.T.: 7.158 min
Delta R.T.: -0.031 min
Response: 1040502
Conc: 307.41 ng/ml



#29 AR-1254-4

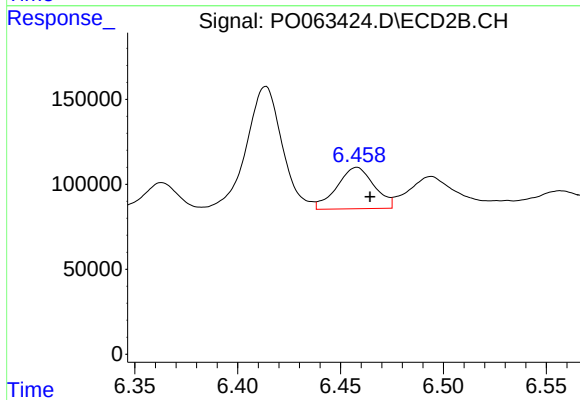
R.T.: 6.064 min
Delta R.T.: 0.008 min
Response: 520283
Conc: 182.58 ng/ml



#30 AR-1254-5

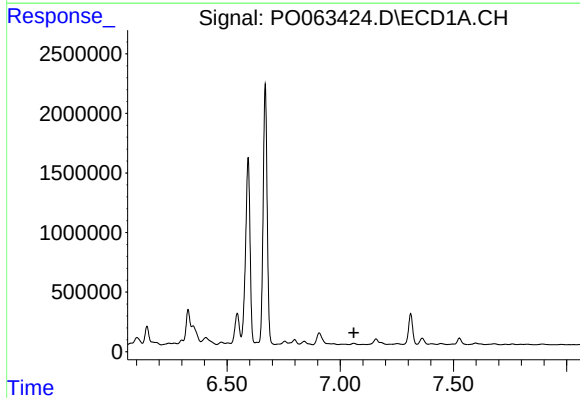
R.T.: 7.598 min
Delta R.T.: -0.008 min
Response: 245618
Conc: 74.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



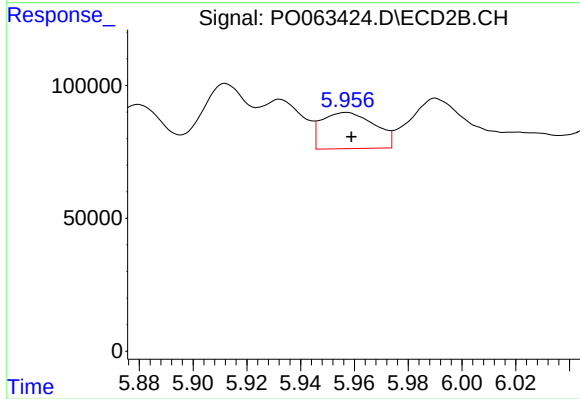
#30 AR-1254-5

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 307316
Conc: 82.44 ng/ml



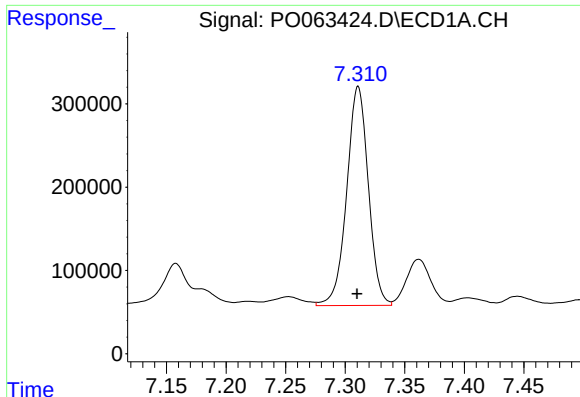
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#31 AR-1260-1

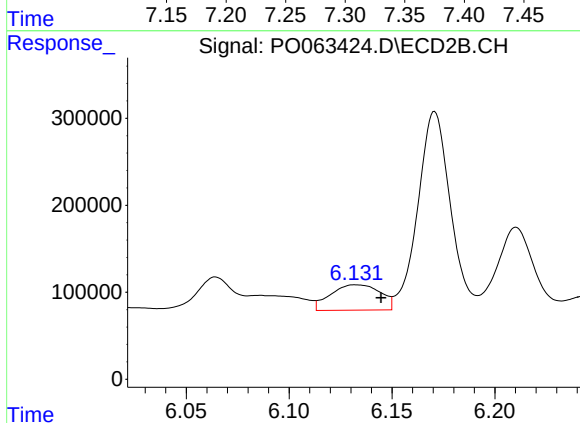
R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 185949
Conc: 67.33 ng/ml



#32 AR-1260-2

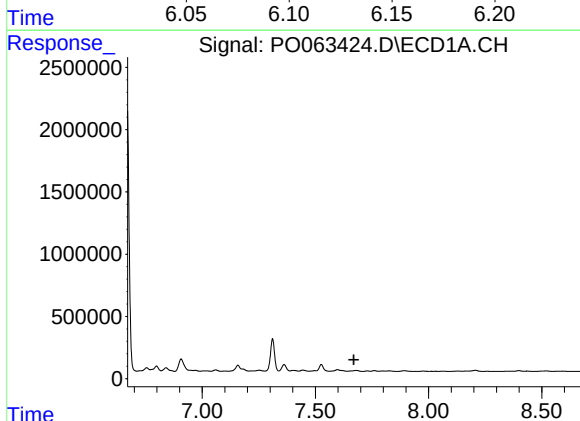
R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 3331508
Conc: 825.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12



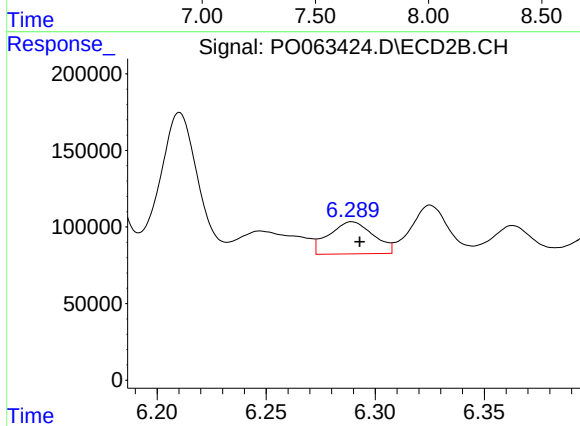
#32 AR-1260-2

R.T.: 6.132 min
Delta R.T.: -0.012 min
Response: 489528
Conc: 127.59 ng/ml



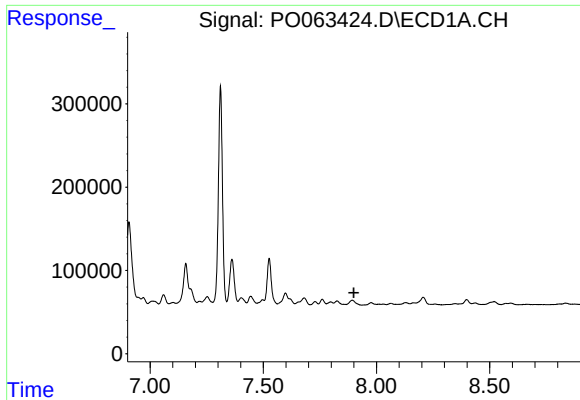
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.670 min
Response: 0
Conc: N.D.



#33 AR-1260-3

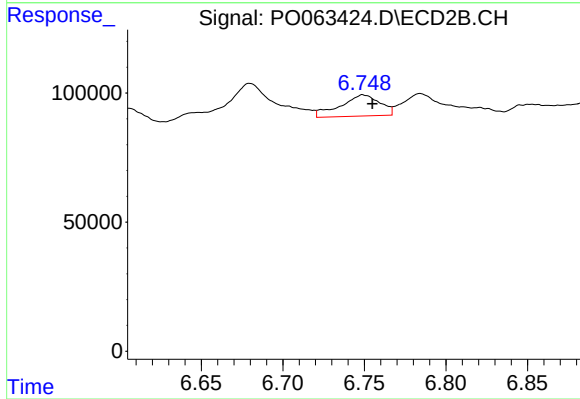
R.T.: 6.289 min
Delta R.T.: -0.003 min
Response: 297602
Conc: 94.85 ng/ml



#34 AR-1260-4

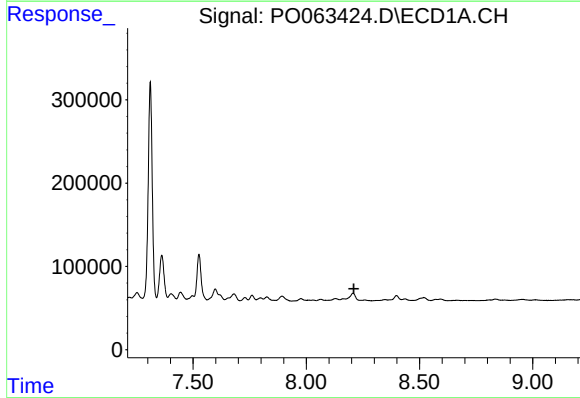
R.T.: 0.000 min
Exp R.T.: 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12



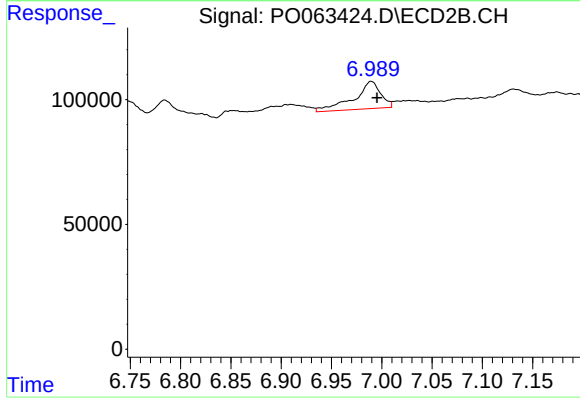
#34 AR-1260-4

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 139077
Conc: 54.93 ng/ml



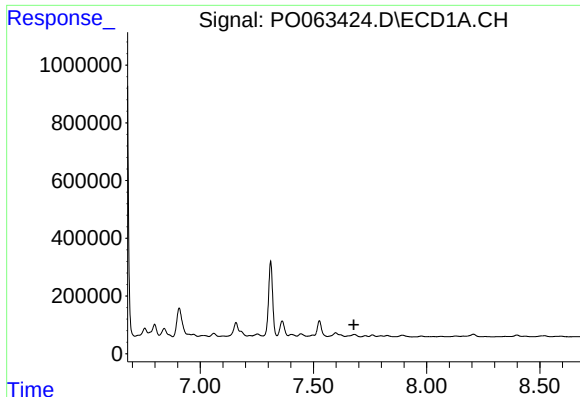
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.



#35 AR-1260-5

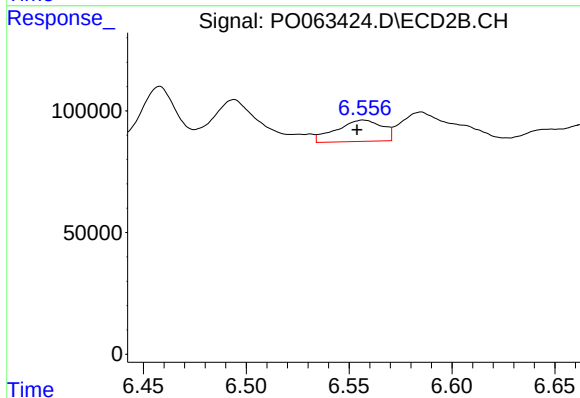
R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 201622
Conc: 33.08 ng/ml



#36 AR-1262-1

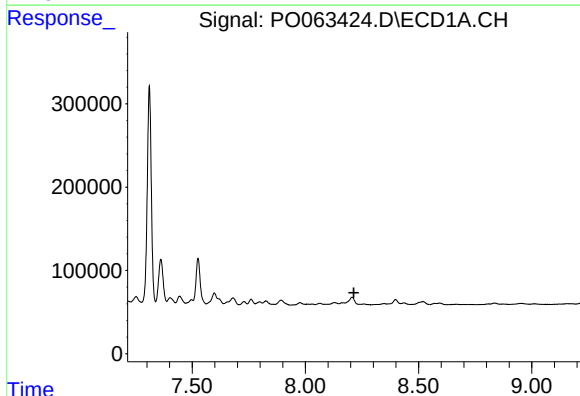
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12



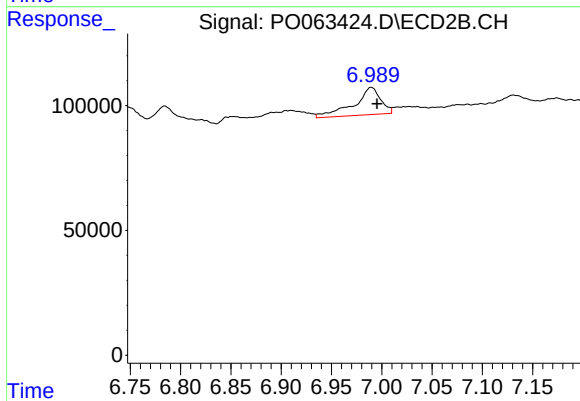
#36 AR-1262-1

R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 136268
Conc: 74.89 ng/ml



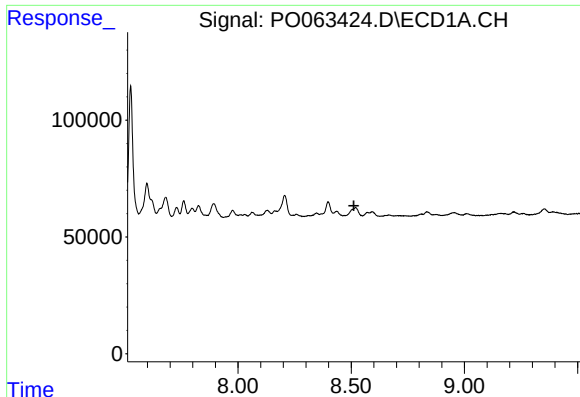
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#37 AR-1262-2

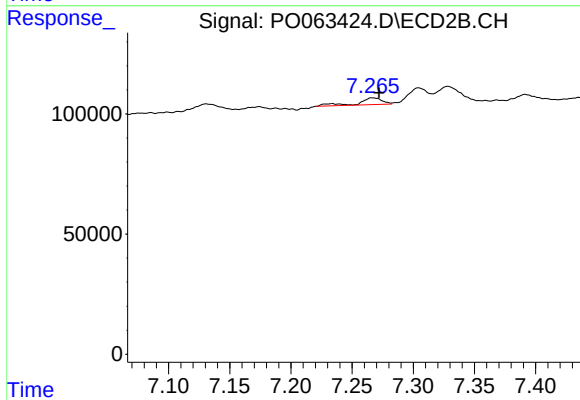
R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 201622
Conc: 28.29 ng/ml



#38 AR-1262-3

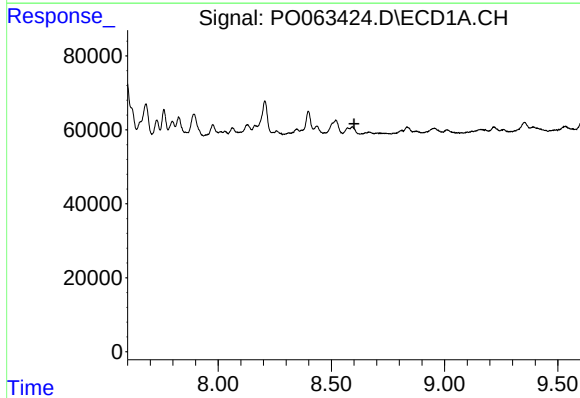
R.T.: 0.000 min
Exp R.T. : 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12



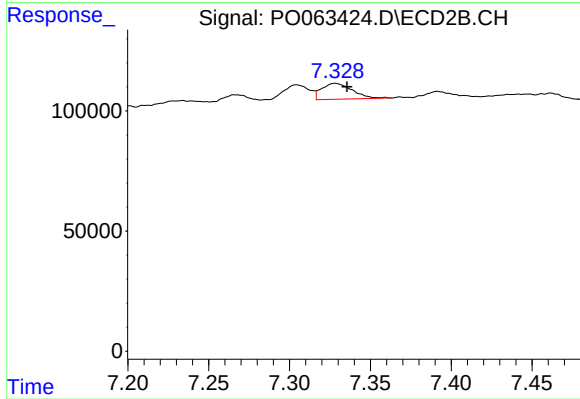
#38 AR-1262-3

R.T.: 7.267 min
Delta R.T.: -0.005 min
Response: 37949
Conc: 14.16 ng/ml



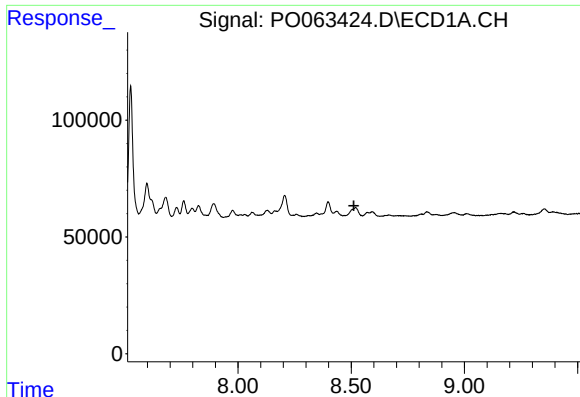
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.600 min
Response: 0
Conc: N.D.



#39 AR-1262-4

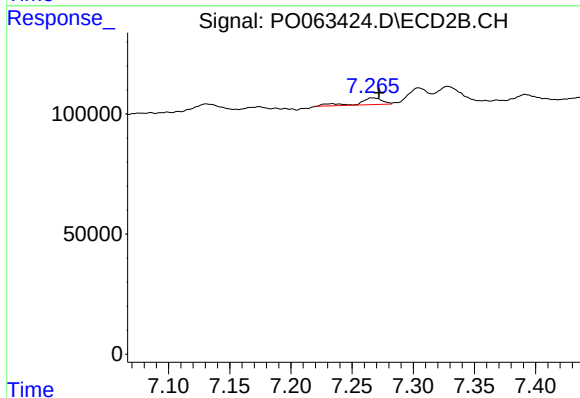
R.T.: 7.328 min
Delta R.T.: -0.007 min
Response: 87608
Conc: 19.10 ng/ml



#41 AR-1268-1

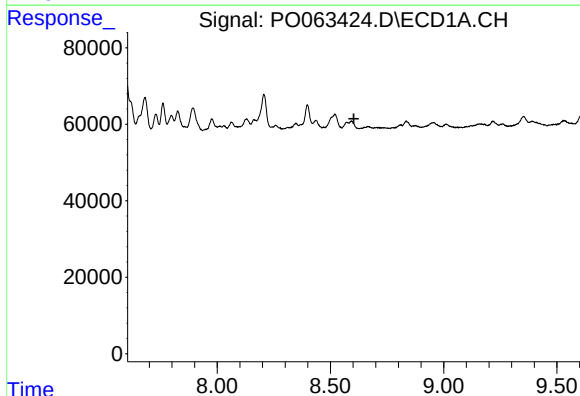
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12



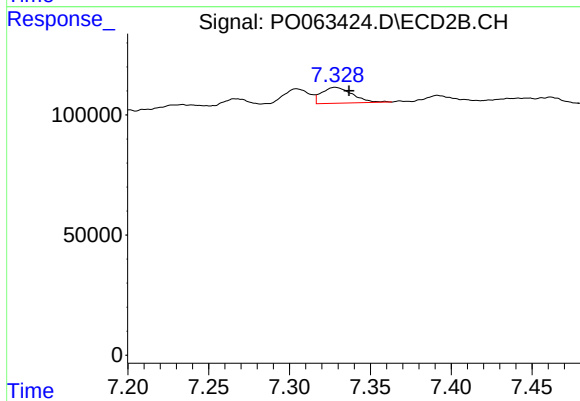
#41 AR-1268-1

R.T.: 7.267 min
Delta R.T.: -0.005 min
Response: 37949
Conc: 4.76 ng/ml



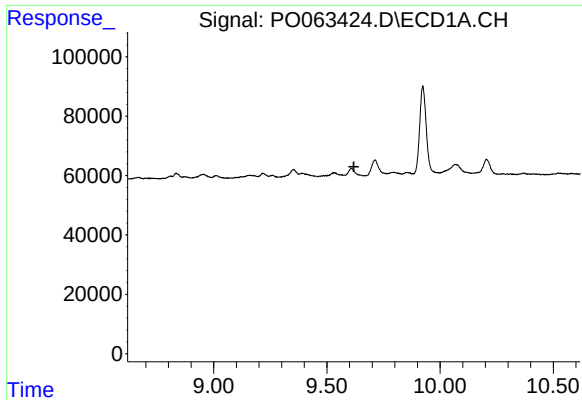
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.



#42 AR-1268-2

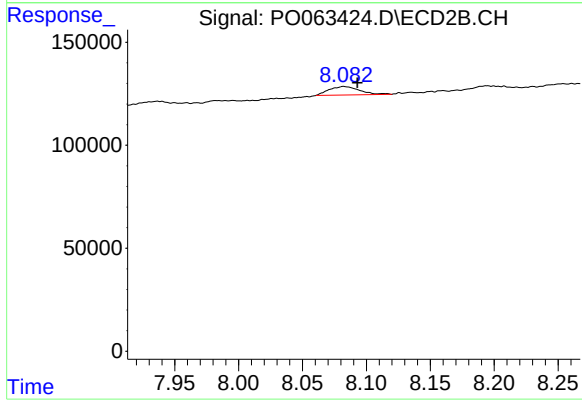
R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 87608
Conc: 13.31 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12



#45 AR-1268-5

R.T.: 8.082 min
Delta R.T.: -0.011 min
Response: 69569
Conc: 4.65 ng/ml