

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO110219\
 Data File : PO063462.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Nov 2019 11:28
 Operator : HP/AJ
 Sample : K5640-07RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-12RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:29:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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	1001206	970469	17.179	17.770
2)	SA Decachlor...	9.920	8.312	598175	460326	10.281	10.767
Target Compounds							
3)	L1 AR-1016-1	5.491	4.542	210675	245084	96.367	130.816 #
4)	L1 AR-1016-2	5.491	4.542	210675	245084	67.248	89.855 #
5)	L1 AR-1016-3	5.560	4.702	285297	639471	152.283	460.755 #
6)	L1 AR-1016-4	5.624	4.753	4207958	41956	2664.811	37.565 #
7)	L1 AR-1016-5	5.951	4.957	450747	29747	295.884	19.745 #
9)	L2 AR-1221-2	0.000	3.818	0	215287	N.D.	557.611 #
10)	L2 AR-1221-3	4.754	3.818	193274	215287	139.888	175.085 #
11)	L3 AR-1232-1	4.754	3.818	193274	215287	101.289	126.137
12)	L3 AR-1232-2	5.181	4.542	323617	245084	326.915	124.594 #
13)	L3 AR-1232-3	5.491	4.702	210675	639471	93.034	660.994 #
14)	L3 AR-1232-4	5.624	4.806	4207958	218673	3810.081	263.371 #
15)	L3 AR-1232-5	5.739	4.957	913046	29747	1138.654	31.782 #
16)	L4 AR-1242-1	5.491	4.542	210675	245084	131.344	177.357 #
17)	L4 AR-1242-2	5.491	4.542	210675	245084	91.375	119.455 #
18)	L4 AR-1242-3	5.560	4.702	285297	639471	205.335	610.189 #
19)	L4 AR-1242-4	5.624	4.806	4207958	218673	3601.615	220.300 #
20)	L4 AR-1242-5	6.405	5.298	1772433	5148258	1231.461	3685.149 #
21)	L5 AR-1248-1	5.491	4.542	210675	245084	170.873	224.231 #
22)	L5 AR-1248-2	5.739	4.753	913046	41956	527.092	30.002 #
23)	L5 AR-1248-3	5.951	4.806	450747	218673	232.515	151.206 #
24)	L5 AR-1248-4	6.327	4.957	7643869	29747	3071.107	16.520 #
25)	L5 AR-1248-5	6.405	5.336	1772433	590787	759.221	319.594 #
26)	L6 AR-1254-1	6.327	5.298	7643869	5148258	3006.539	1709.084 #
27)	L6 AR-1254-2	6.544	5.432	3946107	591297	975.548	219.242 #
28)	L6 AR-1254-3	6.906	5.826	2151065	177457	505.371	41.334 #
29)	L6 AR-1254-4	7.155	6.063	1108576	818928	327.517	287.379
30)	L6 AR-1254-5	0.000	6.457	0	314655	N.D.	84.411 #
31)	L7 AR-1260-1	0.000	5.955	0	186917	N.D.	67.678 #
32)	L7 AR-1260-2	7.309	6.129	3339226	572161	827.166	149.122 #
33)	L7 AR-1260-3	0.000	6.288	0	286231	N.D.	91.225 #
34)	L7 AR-1260-4	0.000	6.748	0	143082	N.D.	56.512 #
35)	L7 AR-1260-5	0.000	6.988	0	191308	N.D.	31.386 #
36)	L8 AR-1262-1	0.000	6.557	0	132823	N.D.	72.997 #
37)	L8 AR-1262-2	0.000	6.988	0	191308	N.D.	26.842 #
38)	L8 AR-1262-3	0.000	7.302	0	498134	N.D.	185.862 #
39)	L8 AR-1262-4	0.000	7.324	0	285727	N.D.	62.305 #
41)	L9 AR-1268-1	0.000	7.302	0	498134	N.D.	62.512 #
42)	L9 AR-1268-2	0.000	7.324	0	285727	N.D.	43.394 #
45)	L9 AR-1268-5	0.000	8.084	0	61144	N.D.	4.084 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110219\
Data File : PO063462.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Nov 2019 11:28
Operator : HP/AJ
Sample : K5640-07RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
DUP-12RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:29:41 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

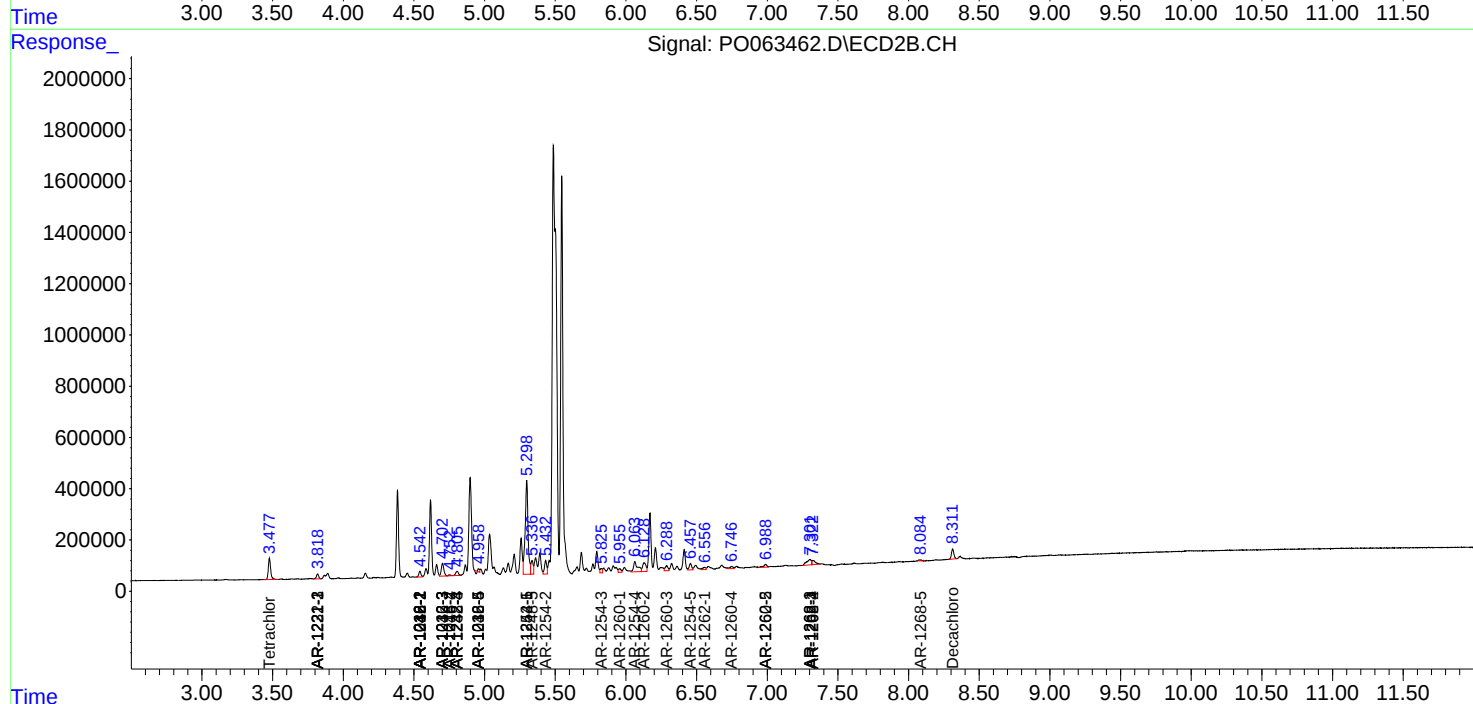
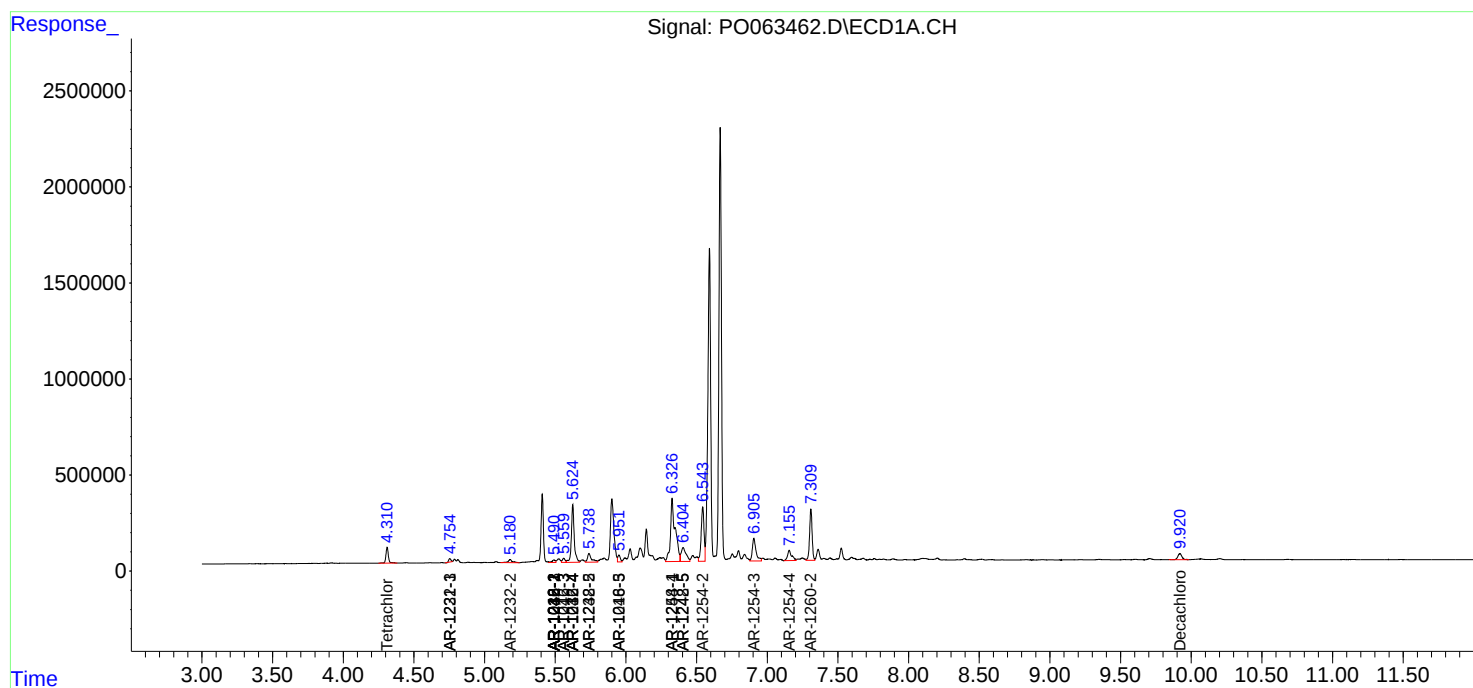
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

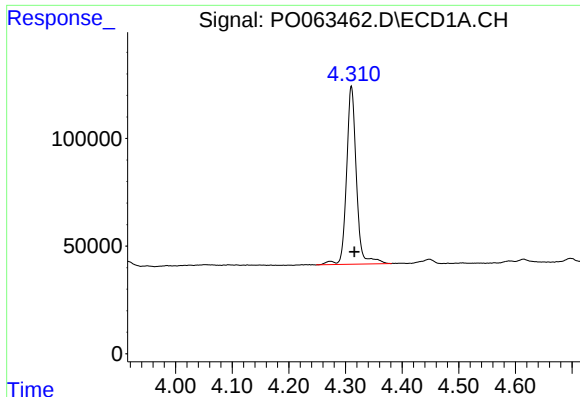
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110219\
Data File : P0063462.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Nov 2019 11:28
Operator : HP/AJ
Sample : K5640-07RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
DUP-12RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:29:41 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

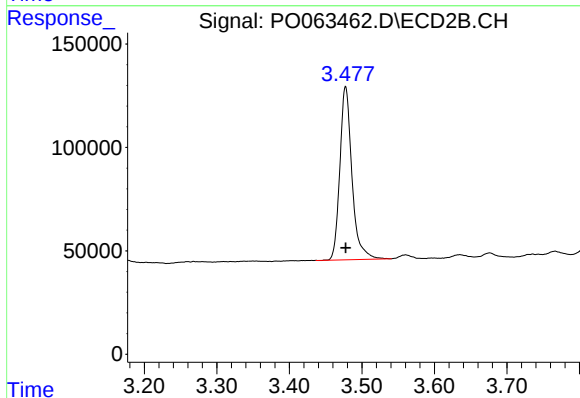




#1 Tetrachloro-m-xylene

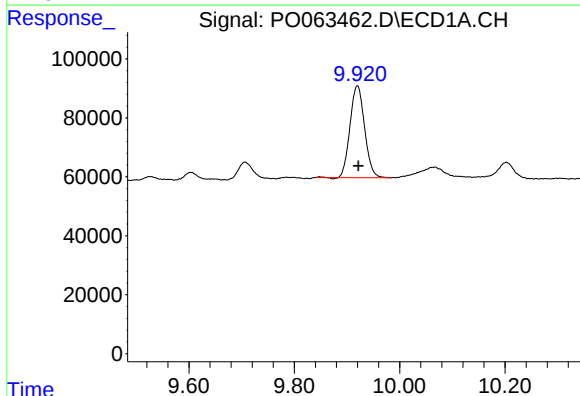
R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 1001206
Conc: 17.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



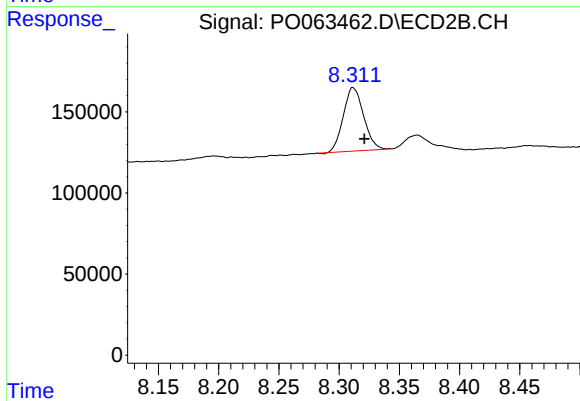
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.000 min
Response: 970469
Conc: 17.77 ng/ml



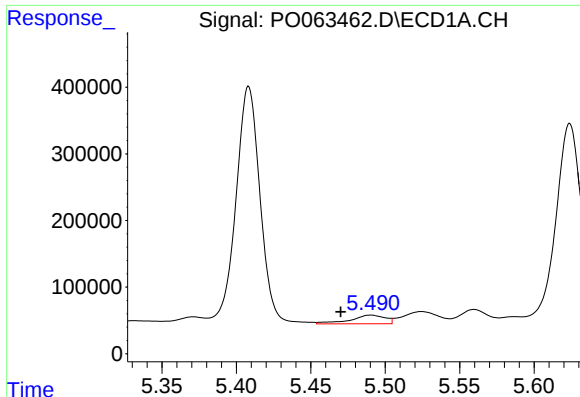
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.002 min
Response: 598175
Conc: 10.28 ng/ml



#2 Decachlorobiphenyl

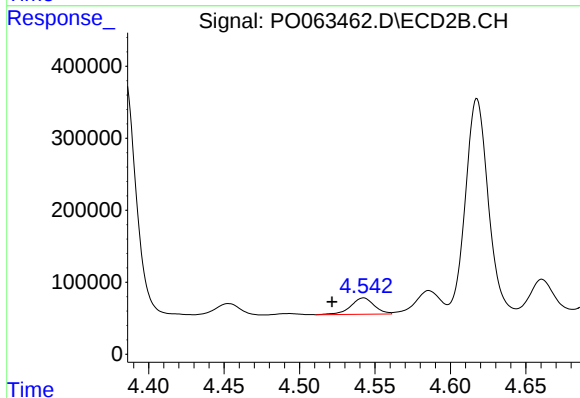
R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 460326
Conc: 10.77 ng/ml



#3 AR-1016-1

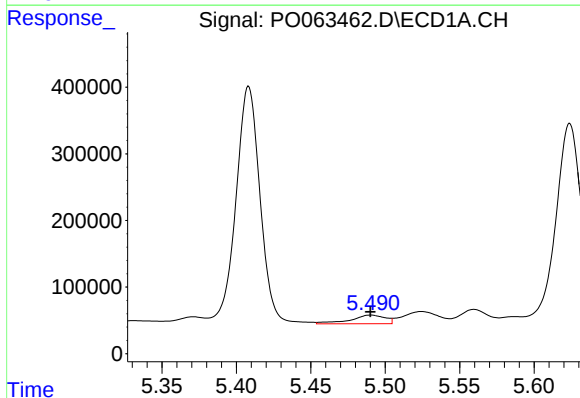
R.T.: 5.491 min
Delta R.T.: 0.021 min
Response: 210675
Conc: 96.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



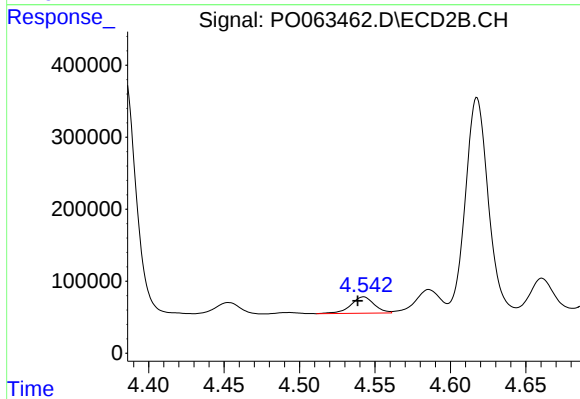
#3 AR-1016-1

R.T.: 4.542 min
Delta R.T.: 0.021 min
Response: 245084
Conc: 130.82 ng/ml



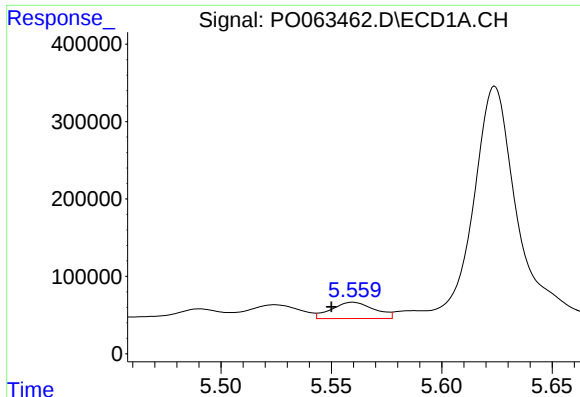
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 210675
Conc: 67.25 ng/ml



#4 AR-1016-2

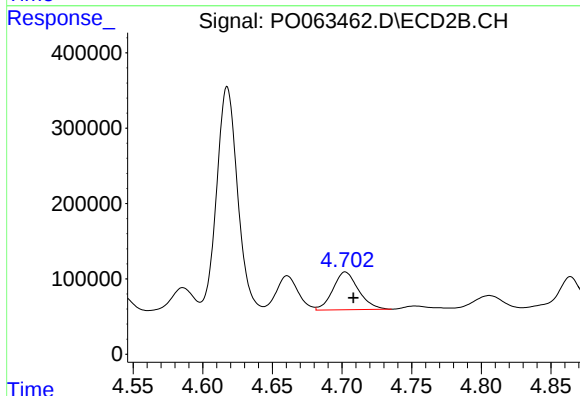
R.T.: 4.542 min
Delta R.T.: 0.004 min
Response: 245084
Conc: 89.86 ng/ml



#5 AR-1016-3

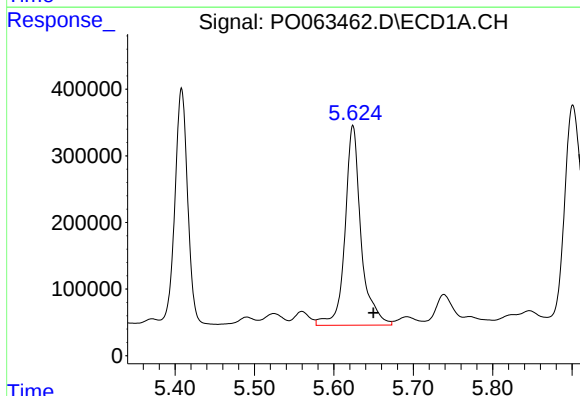
R.T.: 5.560 min
Delta R.T.: 0.010 min
Response: 285297
Conc: 152.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



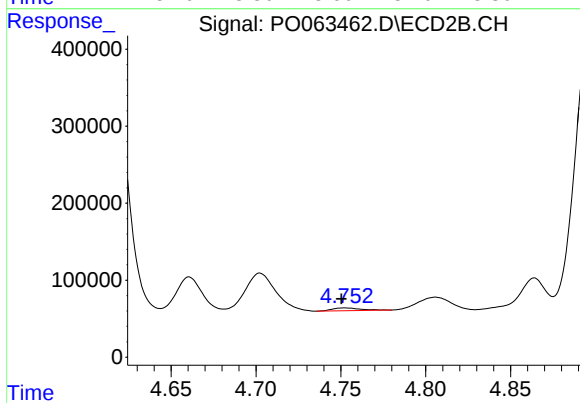
#5 AR-1016-3

R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 639471
Conc: 460.75 ng/ml



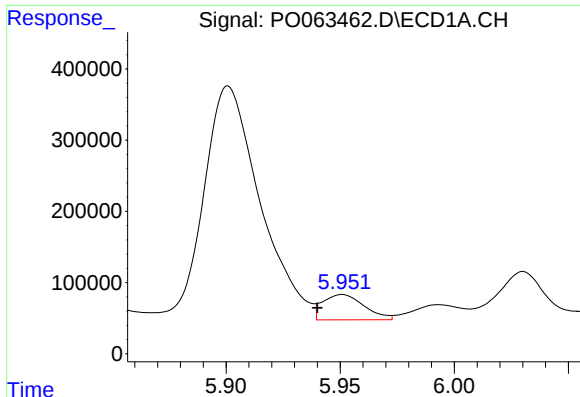
#6 AR-1016-4

R.T.: 5.624 min
Delta R.T.: -0.026 min
Response: 4207958
Conc: 2664.81 ng/ml



#6 AR-1016-4

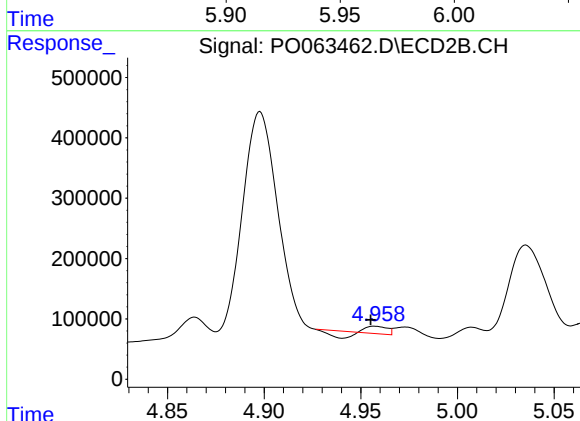
R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 41956
Conc: 37.57 ng/ml



#7 AR-1016-5

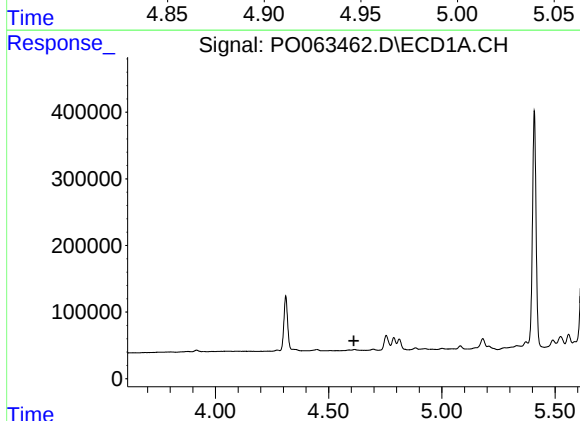
R.T.: 5.951 min
Delta R.T.: 0.011 min
Response: 450747
Conc: 295.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



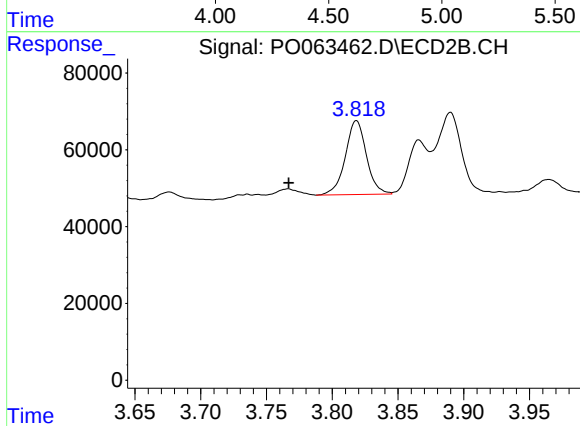
#7 AR-1016-5

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 29747
Conc: 19.75 ng/ml



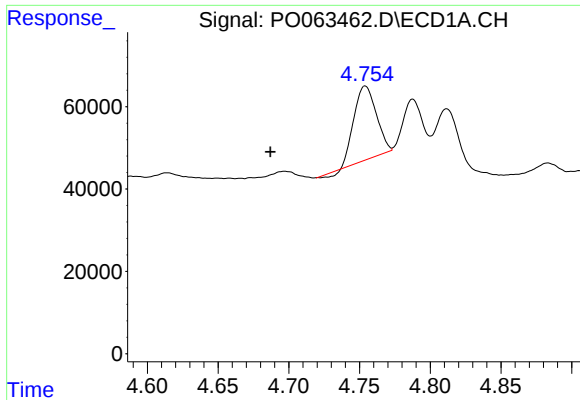
#9 AR-1221-2

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



#9 AR-1221-2

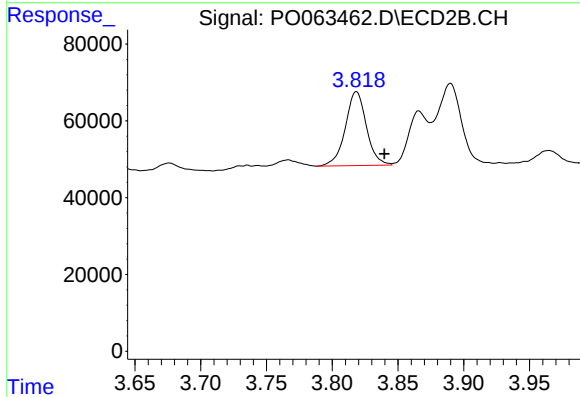
R.T.: 3.818 min
Delta R.T.: 0.051 min
Response: 215287
Conc: 557.61 ng/ml



#10 AR-1221-3

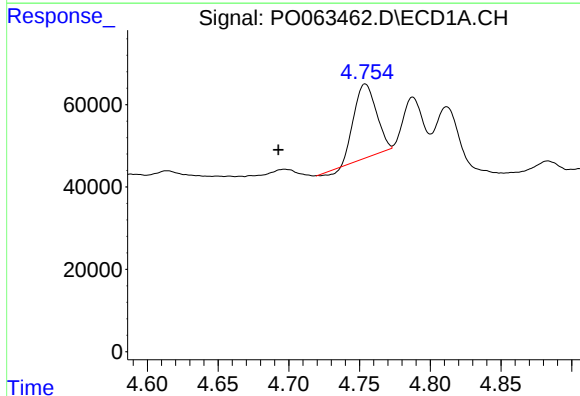
R.T.: 4.754 min
Delta R.T.: 0.067 min
Response: 193274
Conc: 139.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



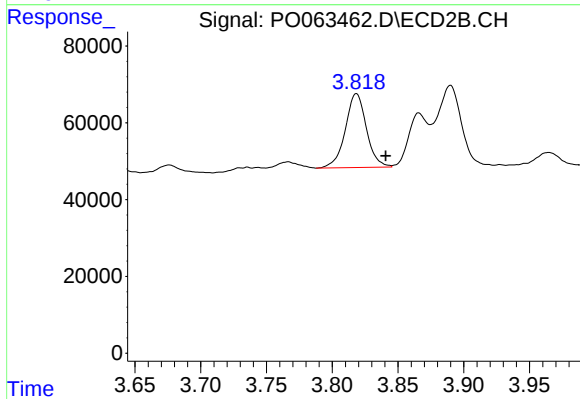
#10 AR-1221-3

R.T.: 3.818 min
Delta R.T.: -0.021 min
Response: 215287
Conc: 175.09 ng/ml



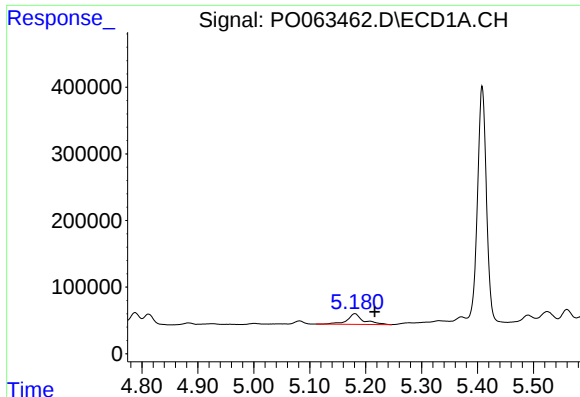
#11 AR-1232-1

R.T.: 4.754 min
Delta R.T.: 0.062 min
Response: 193274
Conc: 101.29 ng/ml



#11 AR-1232-1

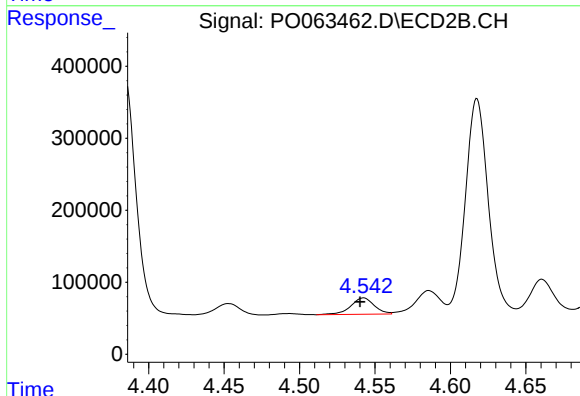
R.T.: 3.818 min
Delta R.T.: -0.022 min
Response: 215287
Conc: 126.14 ng/ml



#12 AR-1232-2

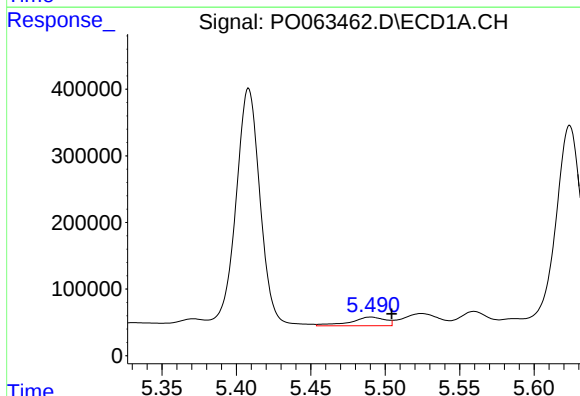
R.T.: 5.181 min
Delta R.T.: -0.036 min
Response: 323617
Conc: 326.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



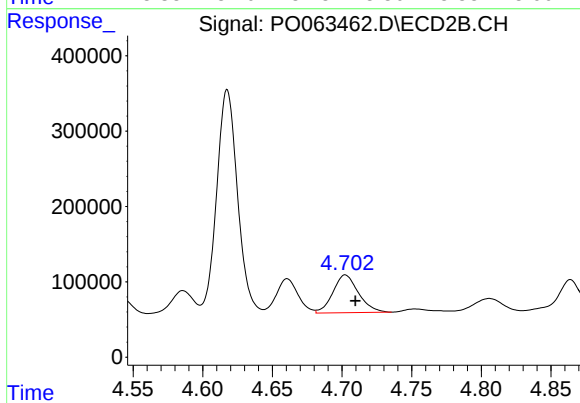
#12 AR-1232-2

R.T.: 4.542 min
Delta R.T.: 0.002 min
Response: 245084
Conc: 124.59 ng/ml



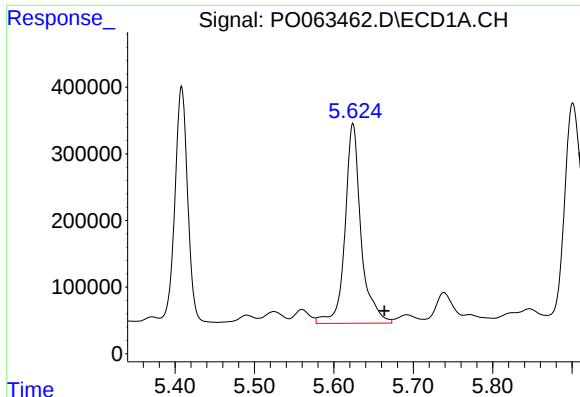
#13 AR-1232-3

R.T.: 5.491 min
Delta R.T.: -0.014 min
Response: 210675
Conc: 93.03 ng/ml



#13 AR-1232-3

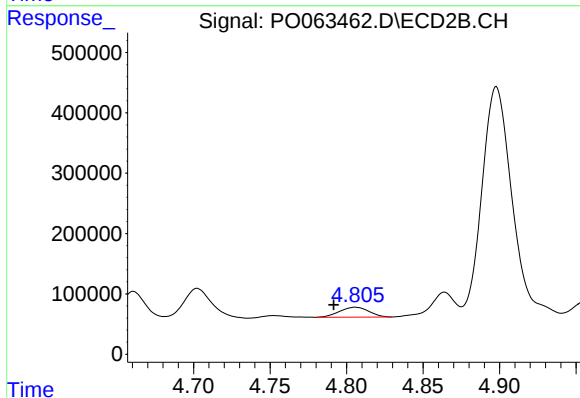
R.T.: 4.702 min
Delta R.T.: -0.007 min
Response: 639471
Conc: 660.99 ng/ml



#14 AR-1232-4

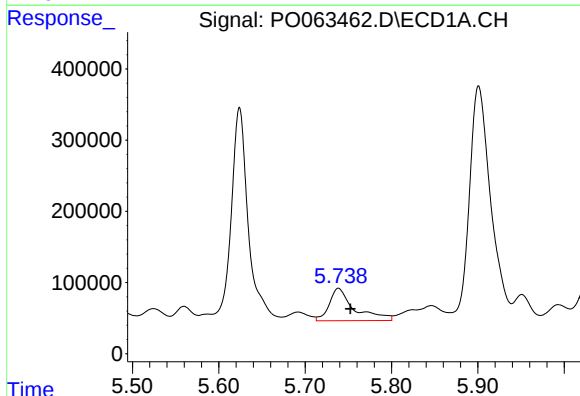
R.T.: 5.624 min
Delta R.T.: -0.040 min
Response: 4207958
Conc: 3810.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



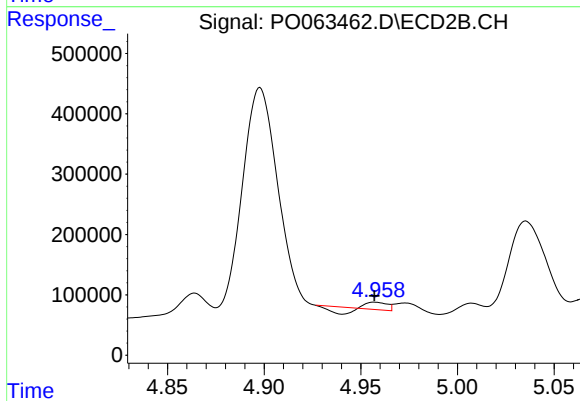
#14 AR-1232-4

R.T.: 4.806 min
Delta R.T.: 0.014 min
Response: 218673
Conc: 263.37 ng/ml



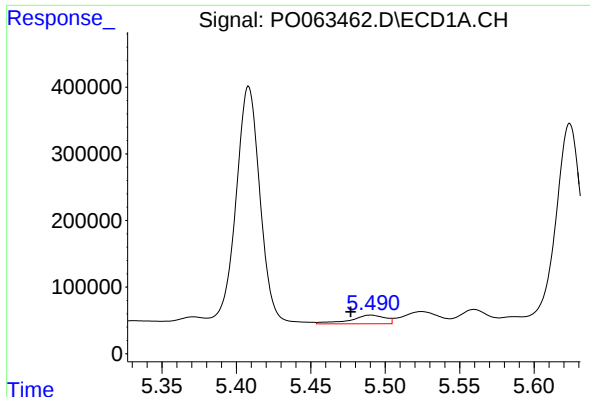
#15 AR-1232-5

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 913046
Conc: 1138.65 ng/ml



#15 AR-1232-5

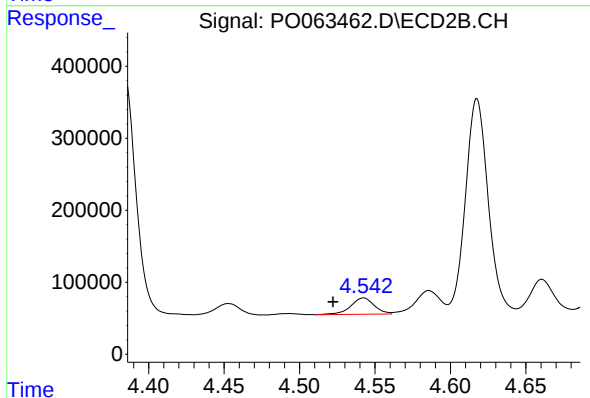
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 29747
Conc: 31.78 ng/ml



#16 AR-1242-1

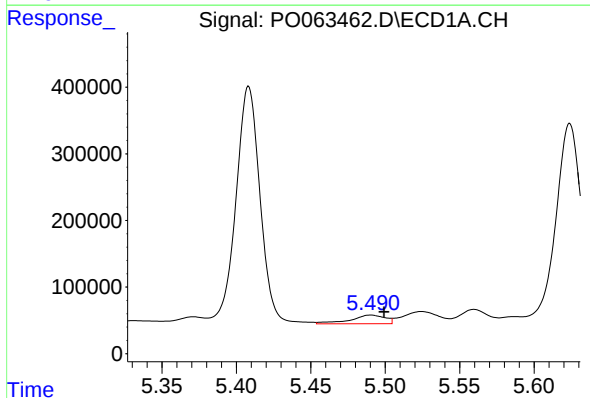
R.T.: 5.491 min
Delta R.T.: 0.014 min
Response: 210675
Conc: 131.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



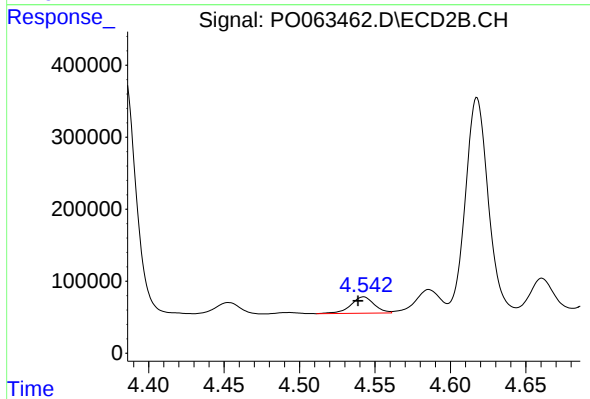
#16 AR-1242-1

R.T.: 4.542 min
Delta R.T.: 0.020 min
Response: 245084
Conc: 177.36 ng/ml



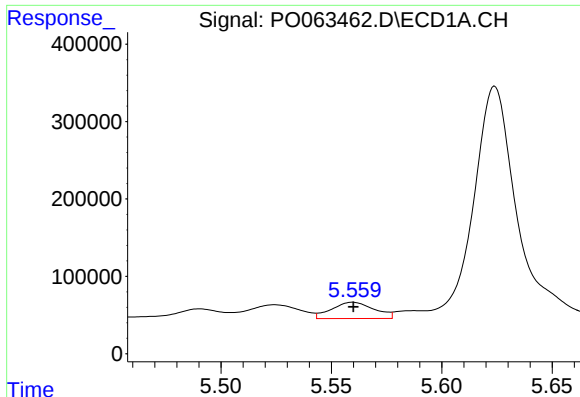
#17 AR-1242-2

R.T.: 5.491 min
Delta R.T.: -0.009 min
Response: 210675
Conc: 91.38 ng/ml



#17 AR-1242-2

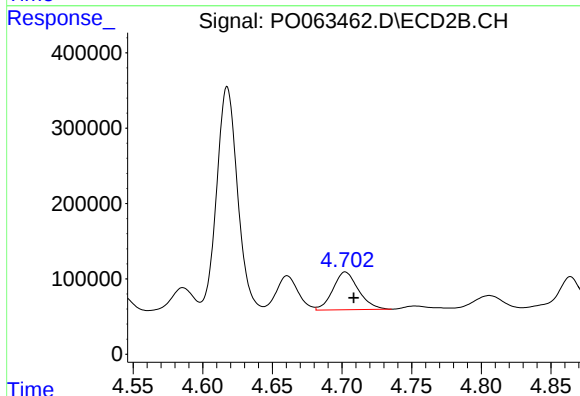
R.T.: 4.542 min
Delta R.T.: 0.004 min
Response: 245084
Conc: 119.46 ng/ml



#18 AR-1242-3

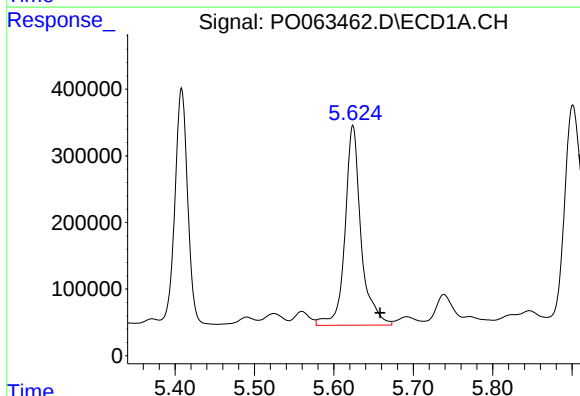
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 285297
Conc: 205.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



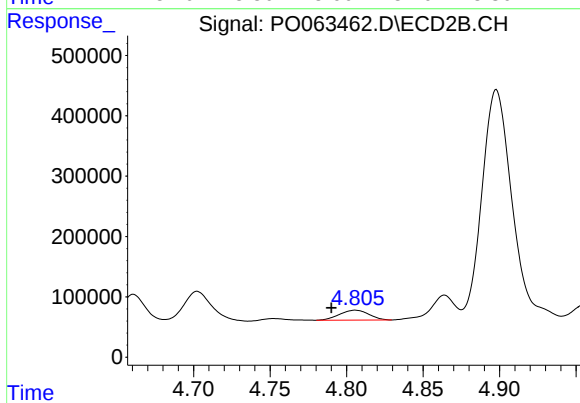
#18 AR-1242-3

R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 639471
Conc: 610.19 ng/ml



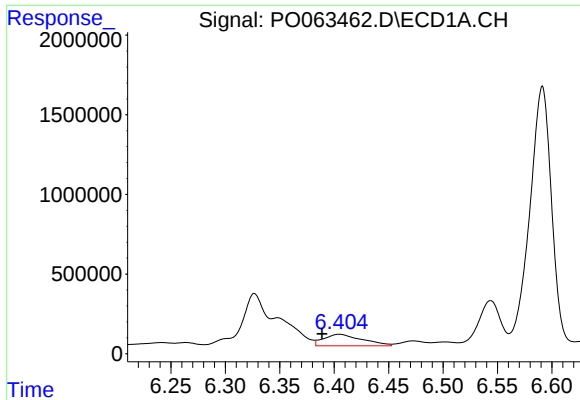
#19 AR-1242-4

R.T.: 5.624 min
Delta R.T.: -0.034 min
Response: 4207958
Conc: 3601.61 ng/ml



#19 AR-1242-4

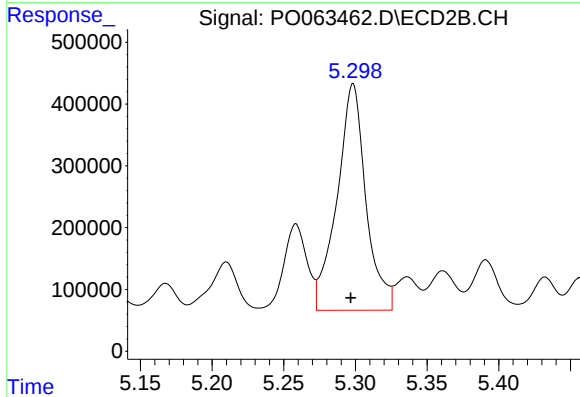
R.T.: 4.806 min
Delta R.T.: 0.016 min
Response: 218673
Conc: 220.30 ng/ml



#20 AR-1242-5

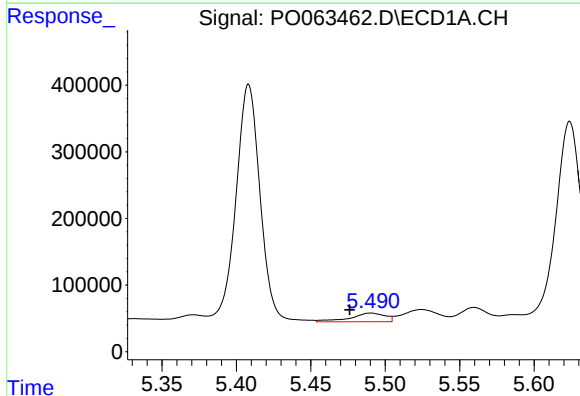
R.T.: 6.405 min
Delta R.T.: 0.016 min
Response: 1772433
Conc: 1231.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



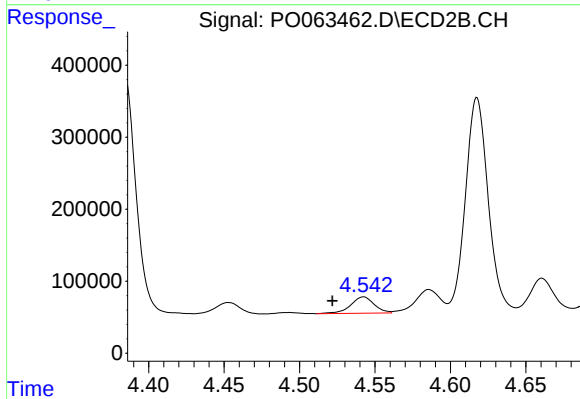
#20 AR-1242-5

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 5148258
Conc: 3685.15 ng/ml



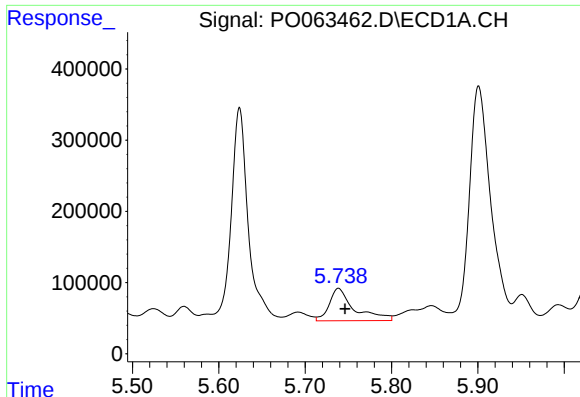
#21 AR-1248-1

R.T.: 5.491 min
Delta R.T.: 0.014 min
Response: 210675
Conc: 170.87 ng/ml



#21 AR-1248-1

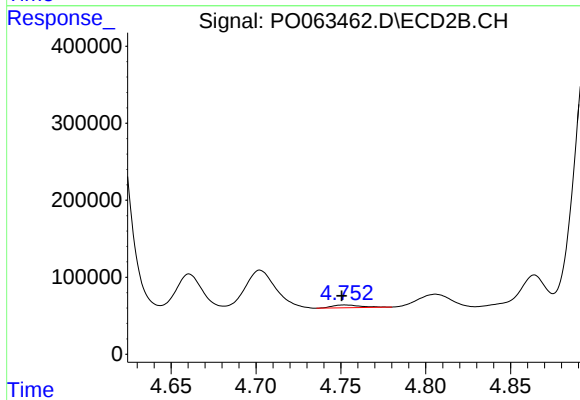
R.T.: 4.542 min
Delta R.T.: 0.021 min
Response: 245084
Conc: 224.23 ng/ml



#22 AR-1248-2

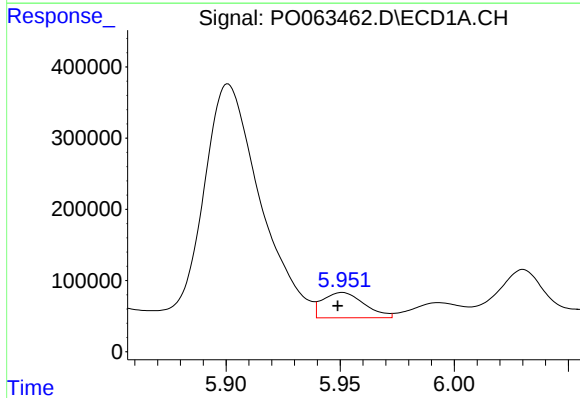
R.T.: 5.739 min
Delta R.T.: -0.008 min
Response: 913046
Conc: 527.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



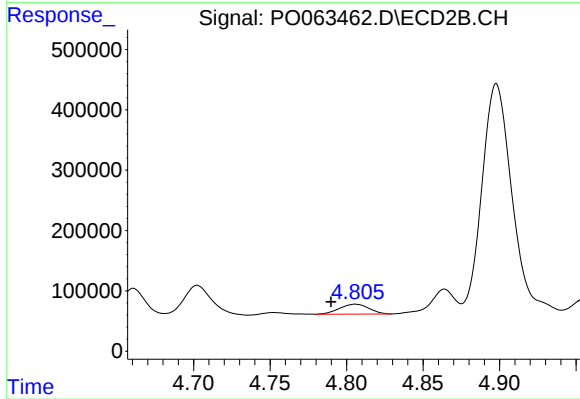
#22 AR-1248-2

R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 41956
Conc: 30.00 ng/ml



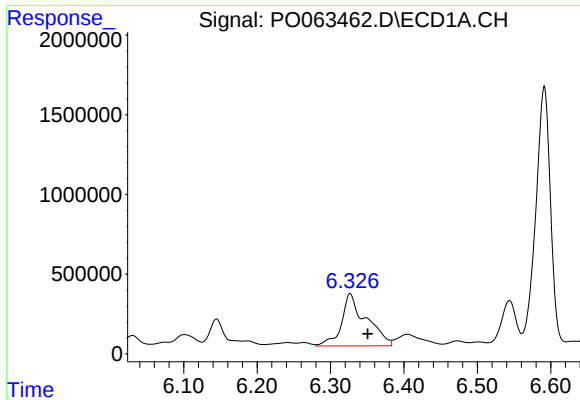
#23 AR-1248-3

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 450747
Conc: 232.52 ng/ml



#23 AR-1248-3

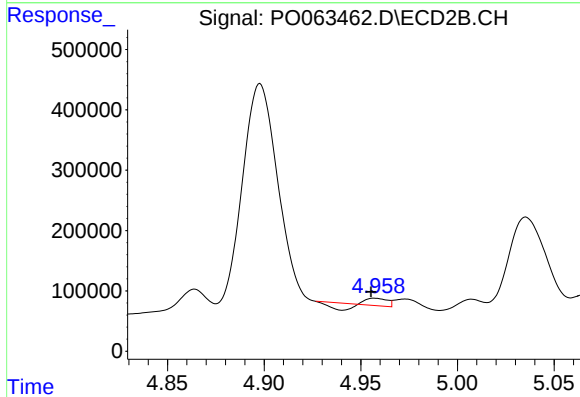
R.T.: 4.806 min
Delta R.T.: 0.016 min
Response: 218673
Conc: 151.21 ng/ml



#24 AR-1248-4

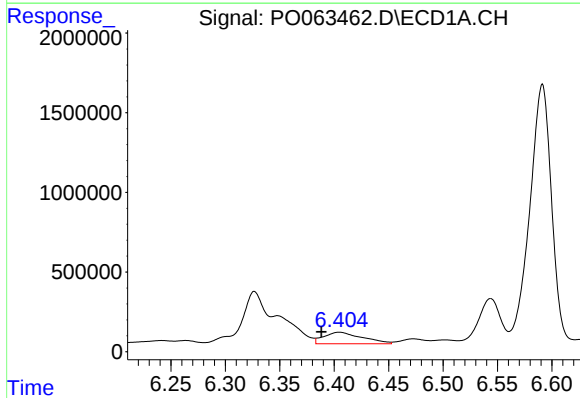
R.T.: 6.327 min
Delta R.T.: -0.024 min
Response: 7643869
Conc: 3071.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



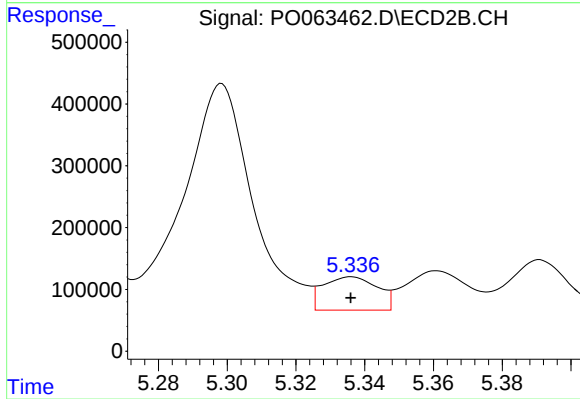
#24 AR-1248-4

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 29747
Conc: 16.52 ng/ml



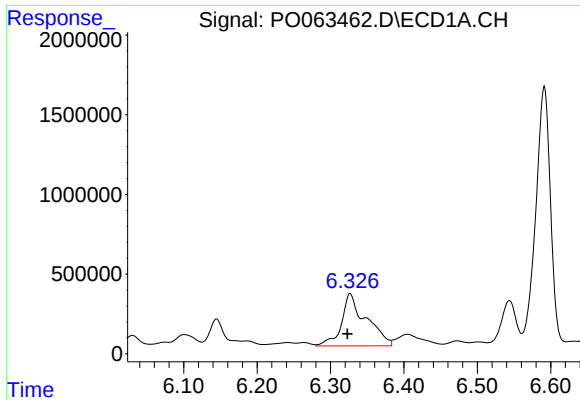
#25 AR-1248-5

R.T.: 6.405 min
Delta R.T.: 0.017 min
Response: 1772433
Conc: 759.22 ng/ml



#25 AR-1248-5

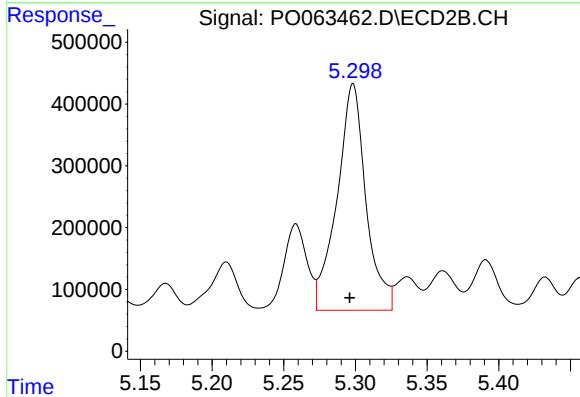
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 590787
Conc: 319.59 ng/ml



#26 AR-1254-1

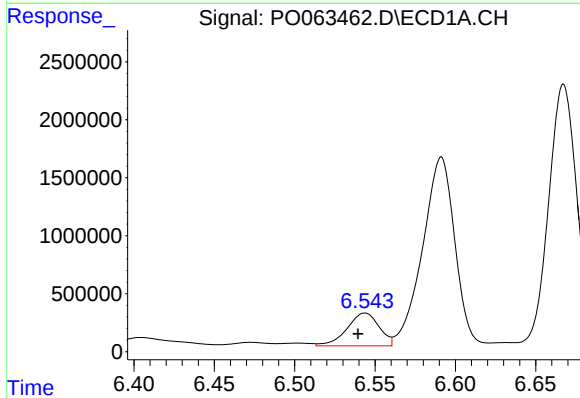
R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 7643869
Conc: 3006.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



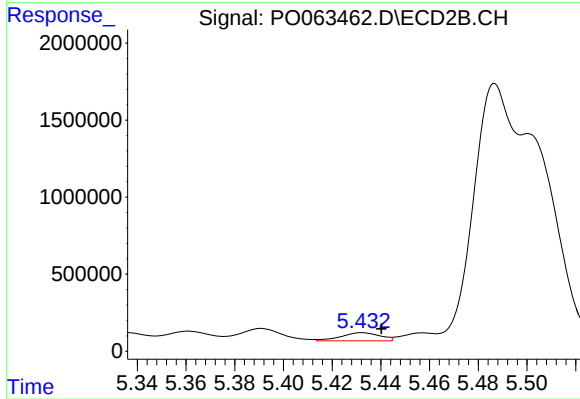
#26 AR-1254-1

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 5148258
Conc: 1709.08 ng/ml



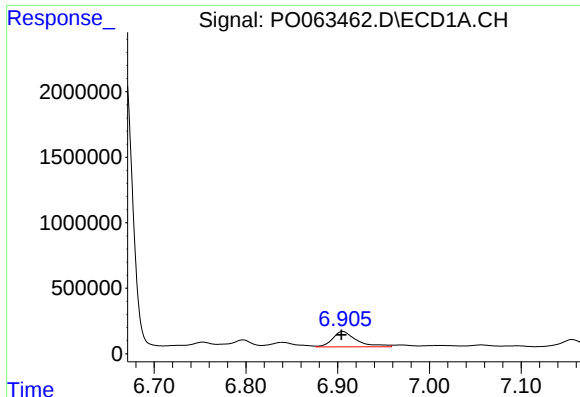
#27 AR-1254-2

R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 3946107
Conc: 975.55 ng/ml



#27 AR-1254-2

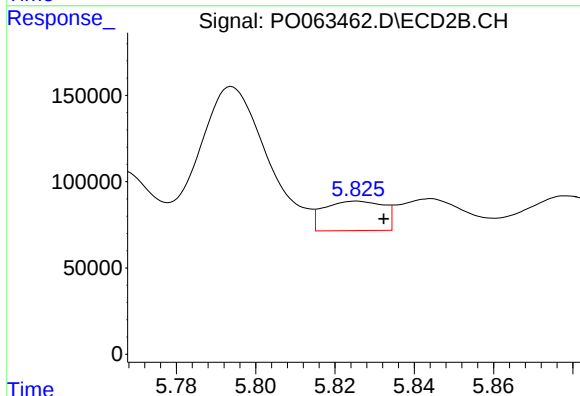
R.T.: 5.432 min
Delta R.T.: -0.008 min
Response: 591297
Conc: 219.24 ng/ml



#28 AR-1254-3

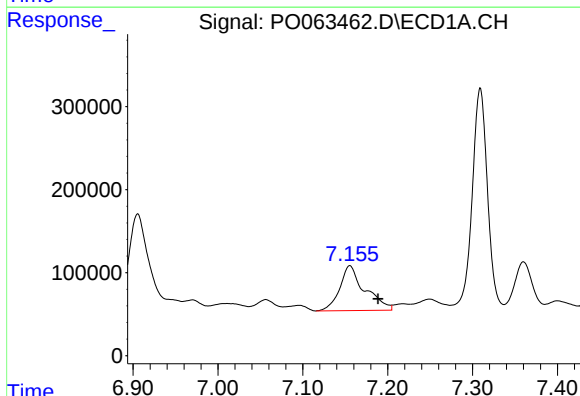
R.T.: 6.906 min
Delta R.T.: 0.001 min
Response: 2151065
Conc: 505.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



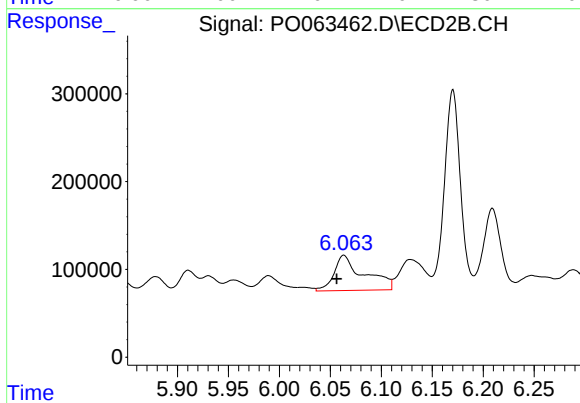
#28 AR-1254-3

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 177457
Conc: 41.33 ng/ml



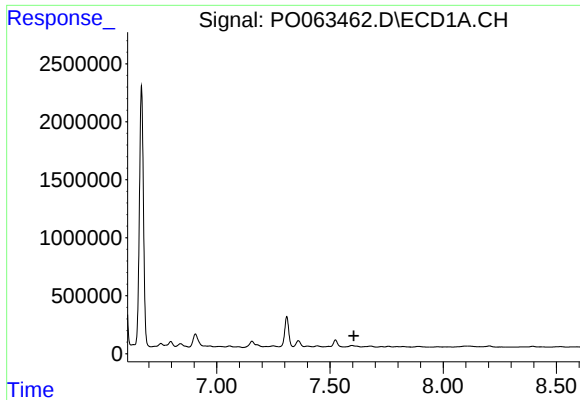
#29 AR-1254-4

R.T.: 7.155 min
Delta R.T.: -0.033 min
Response: 1108576
Conc: 327.52 ng/ml



#29 AR-1254-4

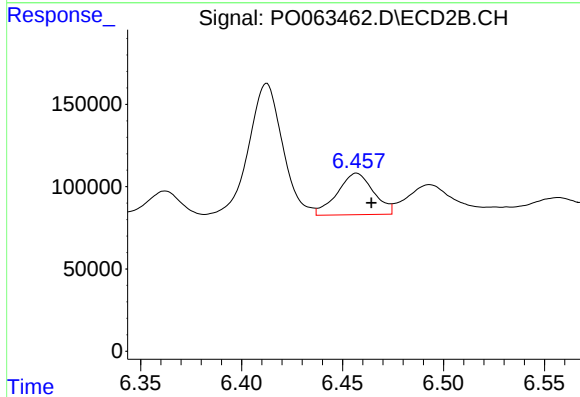
R.T.: 6.063 min
Delta R.T.: 0.007 min
Response: 818928
Conc: 287.38 ng/ml



#30 AR-1254-5

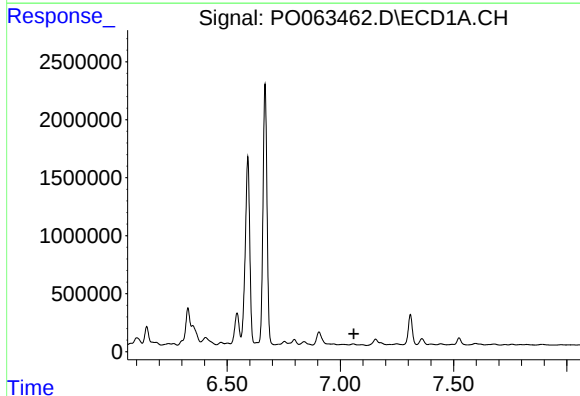
R.T.: 0.000 min
Exp R.T.: 7.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



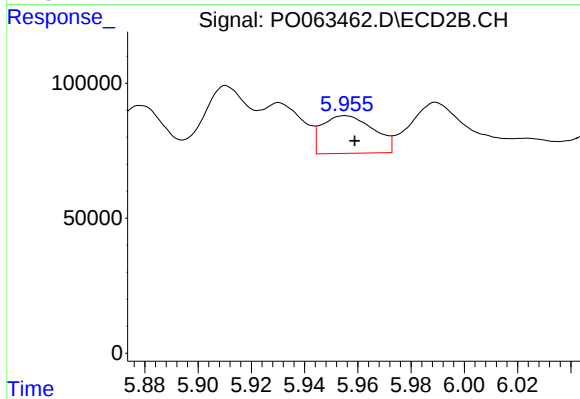
#30 AR-1254-5

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 314655
Conc: 84.41 ng/ml



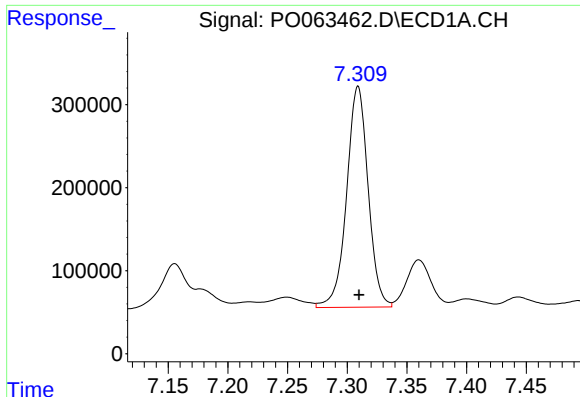
#31 AR-1260-1

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



#31 AR-1260-1

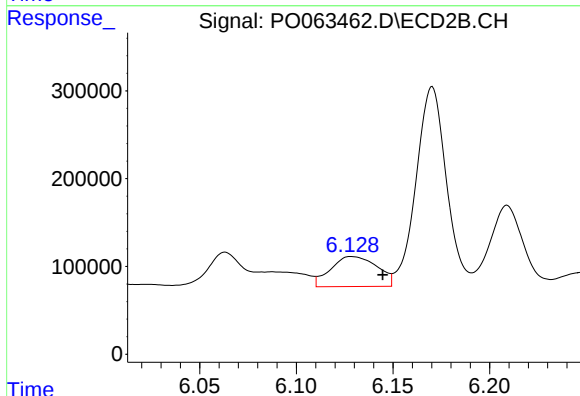
R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 186917
Conc: 67.68 ng/ml



#32 AR-1260-2

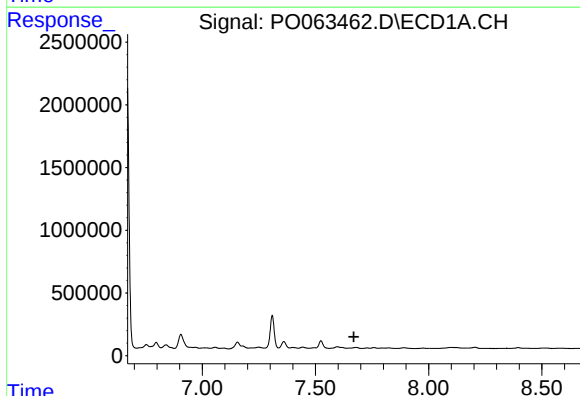
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 3339226
Conc: 827.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



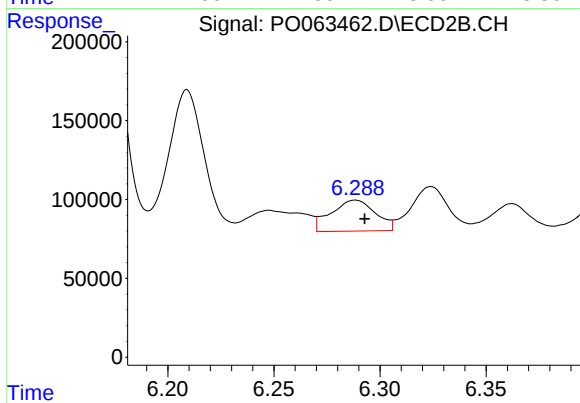
#32 AR-1260-2

R.T.: 6.129 min
Delta R.T.: -0.016 min
Response: 572161
Conc: 149.12 ng/ml



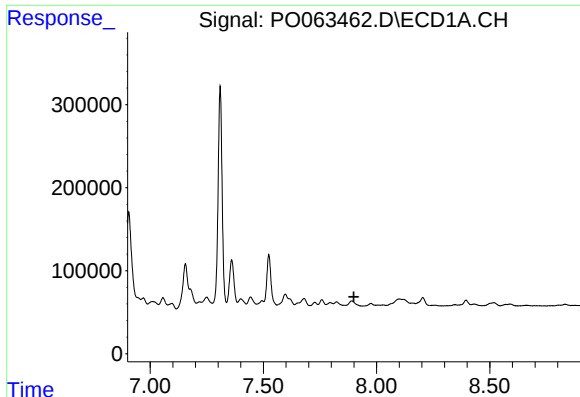
#33 AR-1260-3

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



#33 AR-1260-3

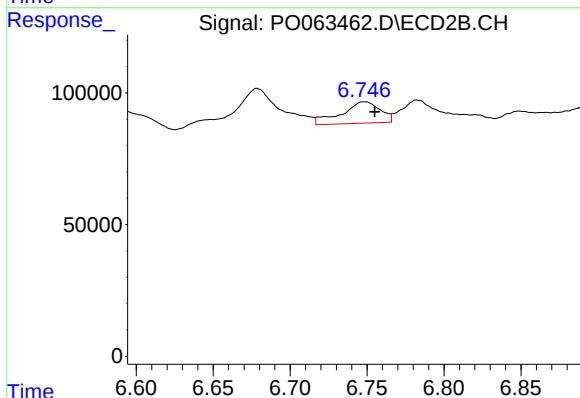
R.T.: 6.288 min
Delta R.T.: -0.004 min
Response: 286231
Conc: 91.23 ng/ml



#34 AR-1260-4

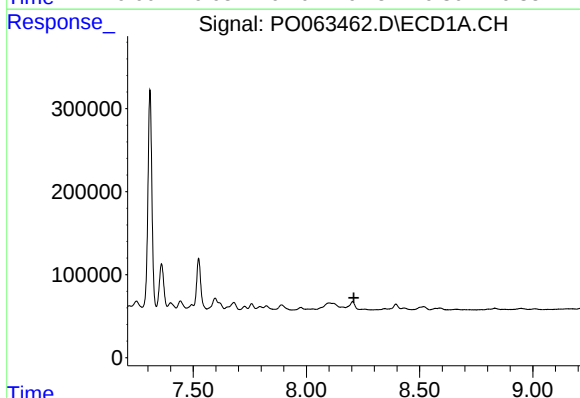
R.T.: 0.000 min
Exp R.T.: 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



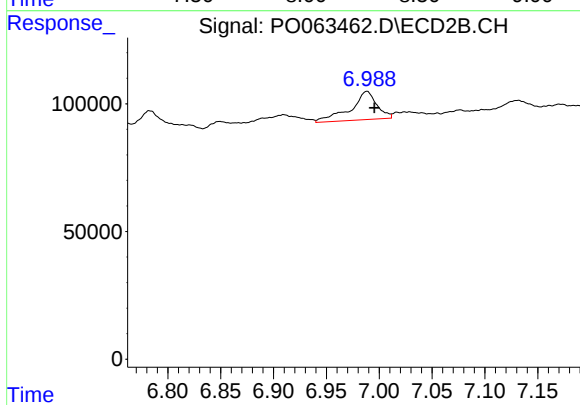
#34 AR-1260-4

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 143082
Conc: 56.51 ng/ml



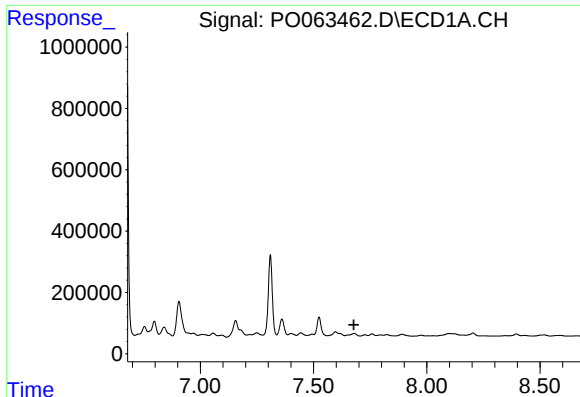
#35 AR-1260-5

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



#35 AR-1260-5

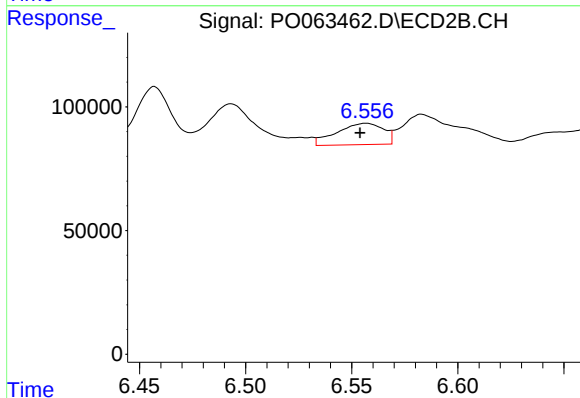
R.T.: 6.988 min
Delta R.T.: -0.007 min
Response: 191308
Conc: 31.39 ng/ml



#36 AR-1262-1

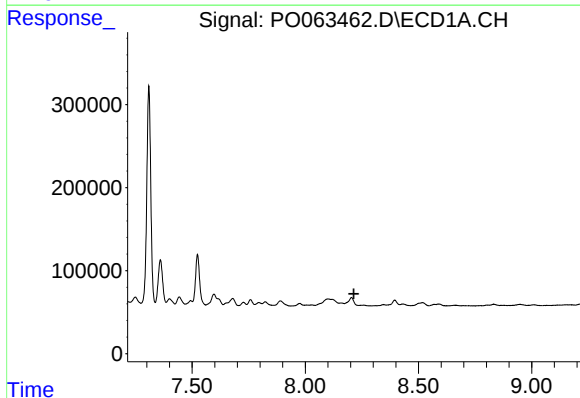
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



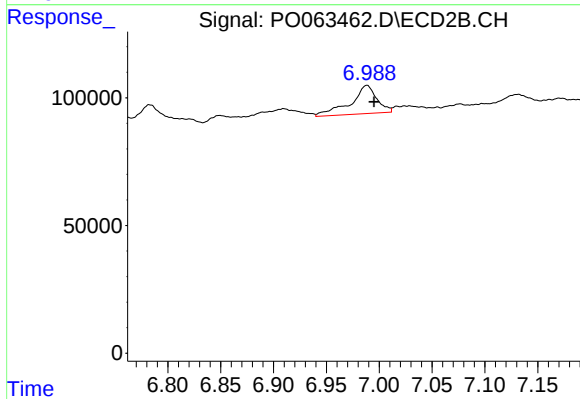
#36 AR-1262-1

R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 132823
Conc: 73.00 ng/ml



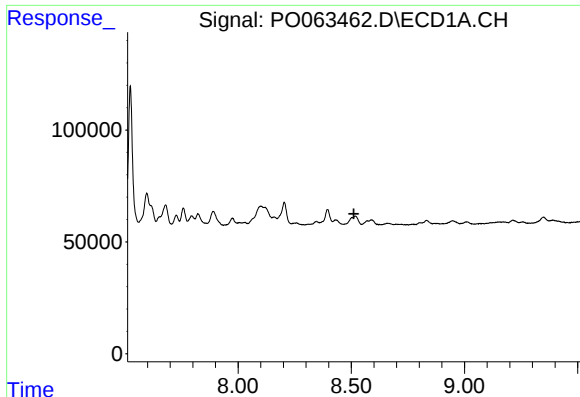
#37 AR-1262-2

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



#37 AR-1262-2

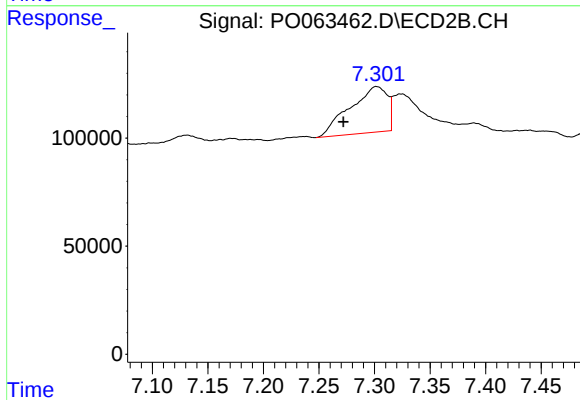
R.T.: 6.988 min
Delta R.T.: -0.007 min
Response: 191308
Conc: 26.84 ng/ml



#38 AR-1262-3

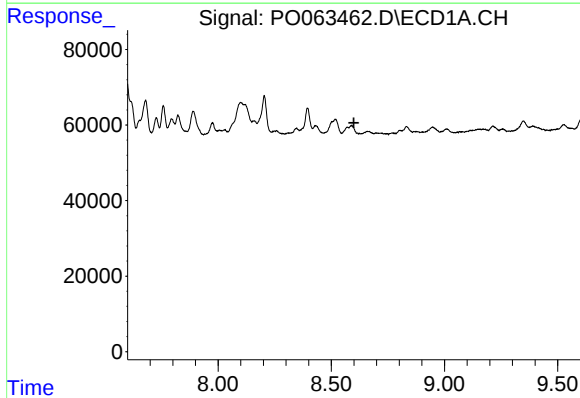
R.T.: 0.000 min
Exp R.T. : 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



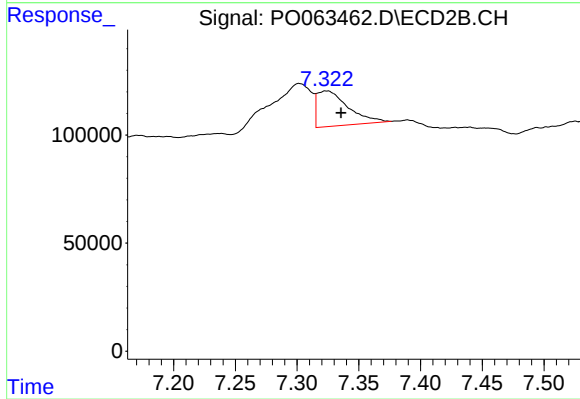
#38 AR-1262-3

R.T.: 7.302 min
Delta R.T.: 0.030 min
Response: 498134
Conc: 185.86 ng/ml



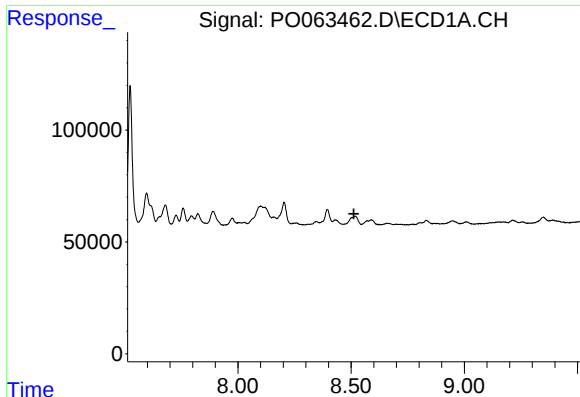
#39 AR-1262-4

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



#39 AR-1262-4

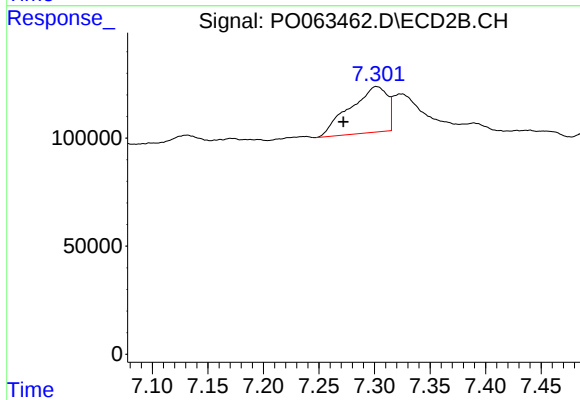
R.T.: 7.324 min
Delta R.T.: -0.012 min
Response: 285727
Conc: 62.31 ng/ml



#41 AR-1268-1

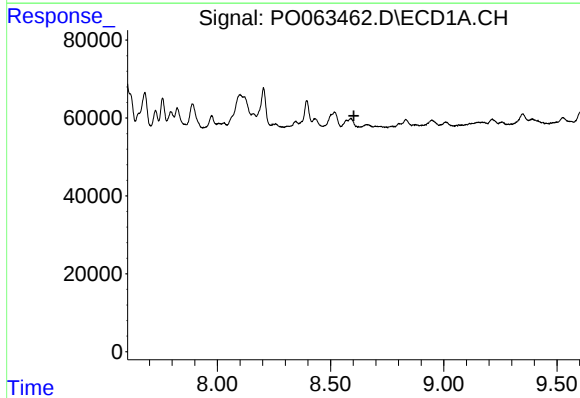
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-12RE



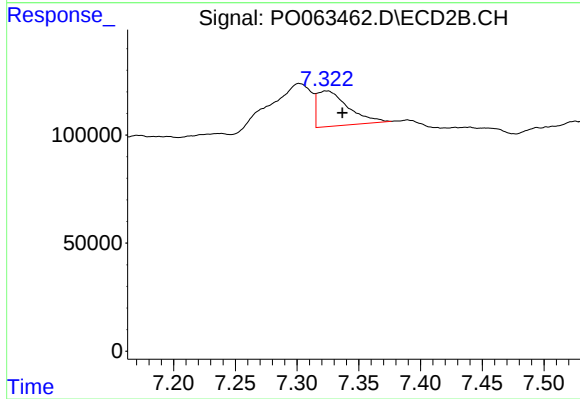
#41 AR-1268-1

R.T.: 7.302 min
Delta R.T.: 0.030 min
Response: 498134
Conc: 62.51 ng/ml



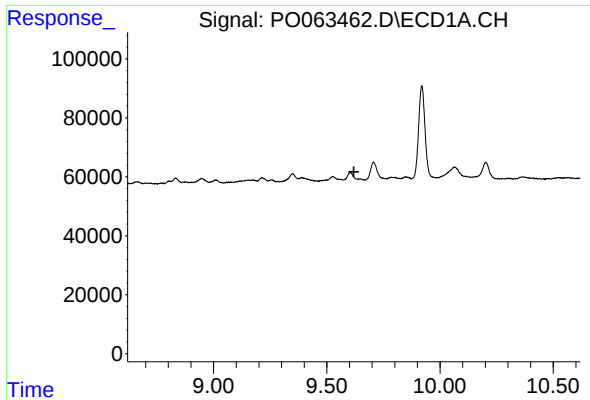
#42 AR-1268-2

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



#42 AR-1268-2

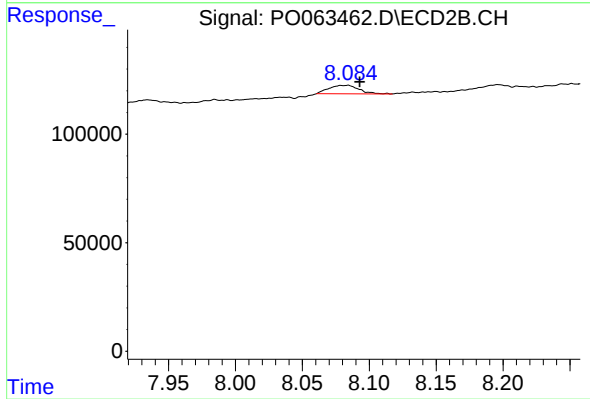
R.T.: 7.324 min
Delta R.T.: -0.013 min
Response: 285727
Conc: 43.39 ng/ml



#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-12RE



#45 AR-1268-5

R.T.: 8.084 min
Delta R.T.: -0.009 min
Response: 61144
Conc: 4.08 ng/ml