

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071819\
 Data File : P0058031.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Jul 2019 12:20
 Operator : SM/AJ
 Sample : K3845-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K580-B7RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 12:50:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.205	3.540	877986	807072	25.909	25.163
2)	SA Decachlor...	9.725	8.446	1361882	862677	26.620	25.169
Target Compounds							
3)	L1 AR-1016-1	5.377	0.000	17263	0	11.186	N.D. #
4)	L1 AR-1016-2	5.377	0.000	17263	0	7.643	N.D. #
5)	L1 AR-1016-3	5.488	0.000	8108	0	5.729	N.D. #
6)	L1 AR-1016-4	5.506	0.000	1394	0	1.224	N.D. #
7)	L1 AR-1016-5	5.799	0.000	3052	0	2.660	N.D. #
8)	L2 AR-1221-1	0.000	3.704	0	125260	N.D.	353.786 #
10)	L2 AR-1221-3	4.622	3.951	28223	1515	28.414	1.789 #
11)	L3 AR-1232-1	4.622	3.951	28223	1515	34.353	2.150 #
12)	L3 AR-1232-2	5.065	0.000	13555	0	29.310	N.D. #
13)	L3 AR-1232-3	5.377	0.000	17263	0	17.333	N.D. #
14)	L3 AR-1232-4	5.506	0.000	1394	0	2.795	N.D. #
15)	L3 AR-1232-5	5.642	0.000	22217	0	58.921	N.D. #
16)	L4 AR-1242-1	5.377	0.000	17263	0	14.095	N.D. #
17)	L4 AR-1242-2	5.377	0.000	17263	0	9.402	N.D. #
18)	L4 AR-1242-3	5.488	0.000	8108	0	6.983	N.D. #
19)	L4 AR-1242-4	5.506	0.000	1394	0	1.478	N.D. #
20)	L4 AR-1242-5	6.207	0.000	39201	0	33.852	N.D. #
21)	L5 AR-1248-1	5.377	0.000	17263	0	18.466	N.D. #
22)	L5 AR-1248-2	5.642	0.000	22217	0	16.488	N.D. #
23)	L5 AR-1248-3	5.799	0.000	3052	0	1.968	N.D. #
24)	L5 AR-1248-4	6.207	0.000	39201	0	20.023	N.D. #
25)	L5 AR-1248-5	6.207	0.000	39201	0	20.569	N.D. #
26)	L6 AR-1254-1	6.207	0.000	39201	0	19.948	N.D. #
27)	L6 AR-1254-2	6.420	0.000	74577	0	22.813	N.D. #
28)	L6 AR-1254-3	6.785	5.936	56793	47660	16.099	16.275
29)	L6 AR-1254-4	7.068	0.000	25962	0	8.775	N.D. #
30)	L6 AR-1254-5	7.481	6.572	95492	67091	32.533	24.679
31)	L7 AR-1260-1	6.943	6.061	81230	34741	32.477	17.154 #
32)	L7 AR-1260-2	7.198	6.248	68288	50992	19.423	19.829
33)	L7 AR-1260-3	7.552	6.399	40549	34216	13.810	15.002
34)	L7 AR-1260-4	7.773	6.864	33596	23736	12.298	12.259
35)	L7 AR-1260-5	8.084	7.106	69983	54256	12.063	11.788
36)	L8 AR-1262-1	7.552	6.606	40549	25667	7.339	6.462
37)	L8 AR-1262-2	8.084	7.106	69983	54256	8.230	8.400
38)	L8 AR-1262-3	8.371	7.383	33664	25999	5.980	9.432 #
39)	L8 AR-1262-4	8.432	7.449	89721	36160	19.665	7.573 #
41)	L9 AR-1268-1	8.371	7.383	33664	25999	3.274	3.330
42)	L9 AR-1268-2	8.432	7.449	89721	36160	9.796	5.075 #
43)	L9 AR-1268-3	0.000	7.647	0	10252	N.D.	1.702 #
45)	L9 AR-1268-5	9.428	8.214	92056	30931	4.226	1.855 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071819\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Jul 2019 12:20
Operator : SM/AJ
Sample : K3845-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

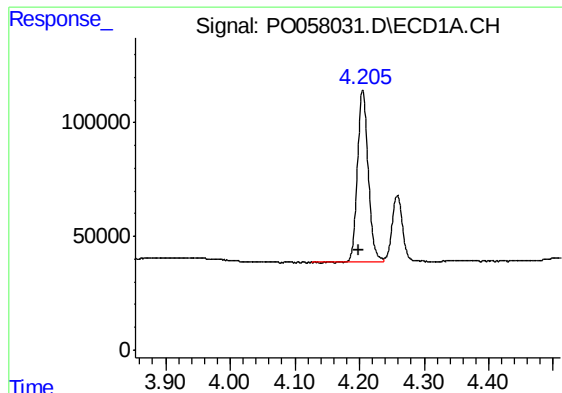
Instrument :
ECD_O
ClientSampleId :
K580-B7RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 12:50:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 17 11:13:08 2019
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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

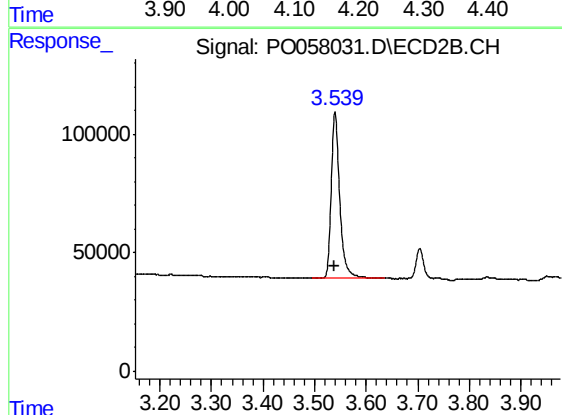
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

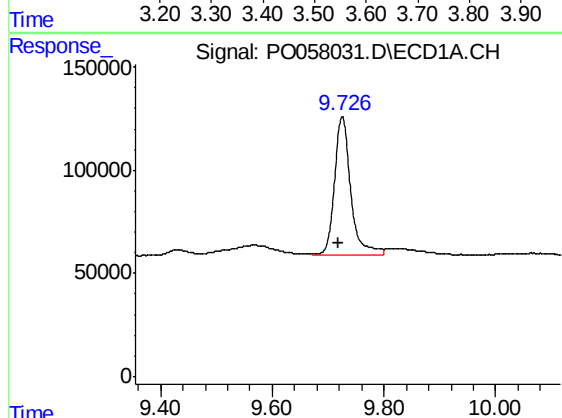
R.T.: 4.205 min
Delta R.T.: 0.005 min
Response: 877986
Conc: 25.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



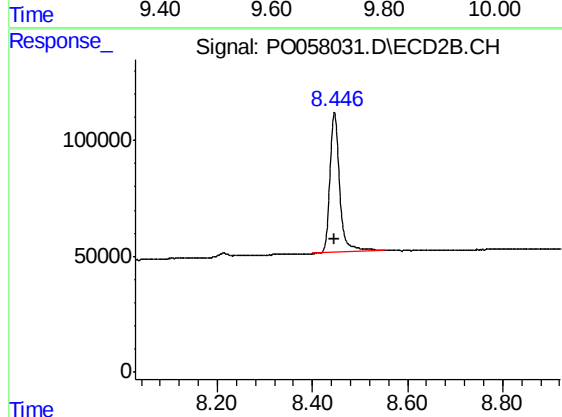
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 807072
Conc: 25.16 ng/ml



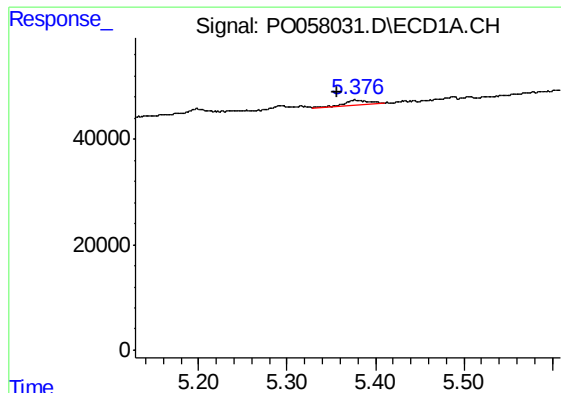
#2 Decachlorobiphenyl

R.T.: 9.725 min
Delta R.T.: 0.007 min
Response: 1361882
Conc: 26.62 ng/ml



#2 Decachlorobiphenyl

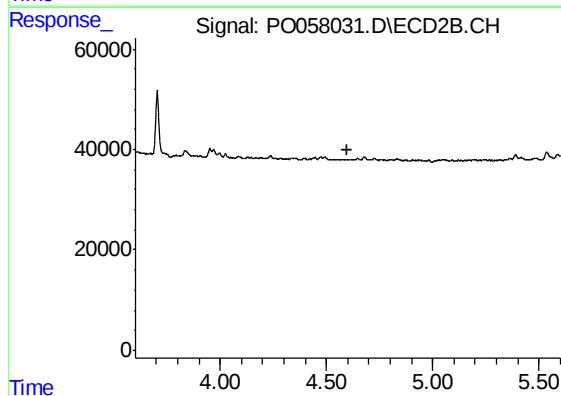
R.T.: 8.446 min
Delta R.T.: 0.001 min
Response: 862677
Conc: 25.17 ng/ml



#3 AR-1016-1

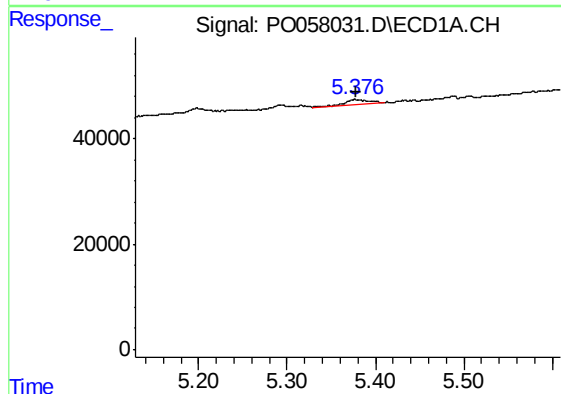
R.T.: 5.377 min
Delta R.T.: 0.020 min
Response: 17263
Conc: 11.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



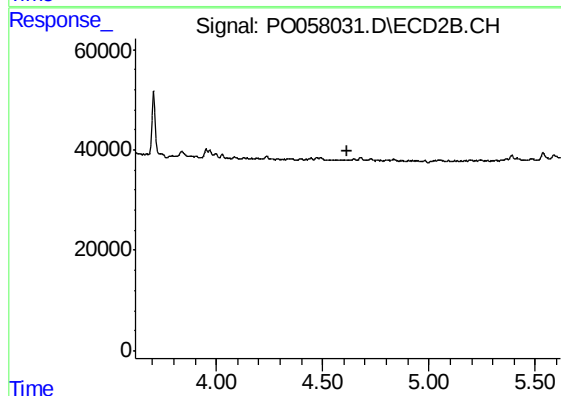
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



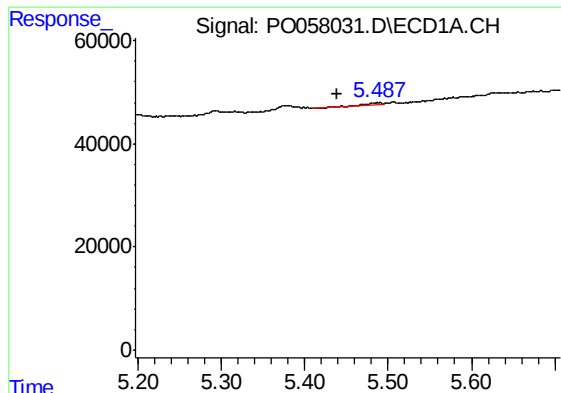
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 17263
Conc: 7.64 ng/ml



#4 AR-1016-2

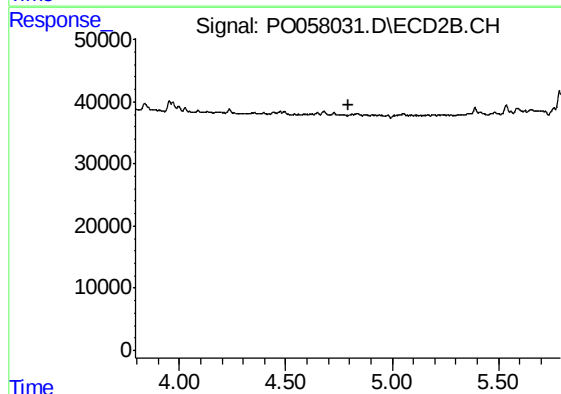
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

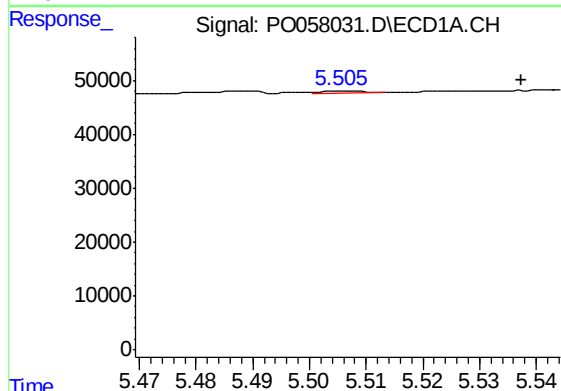
R.T.: 5.488 min
Delta R.T.: 0.049 min
Response: 8108
Conc: 5.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



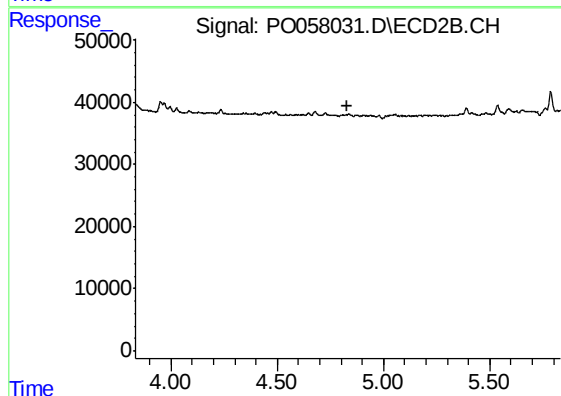
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.793 min
Response: 0
Conc: N.D.



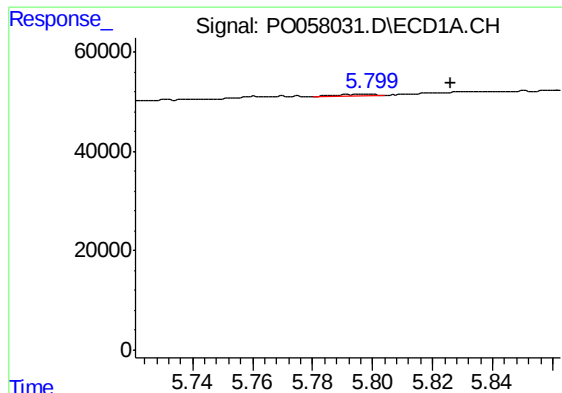
#6 AR-1016-4

R.T.: 5.506 min
Delta R.T.: -0.031 min
Response: 1394
Conc: 1.22 ng/ml



#6 AR-1016-4

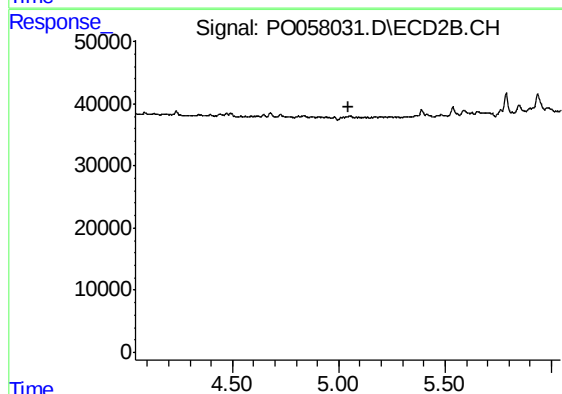
R.T.: 0.000 min
Exp R.T. : 4.833 min
Response: 0
Conc: N.D.



#7 AR-1016-5

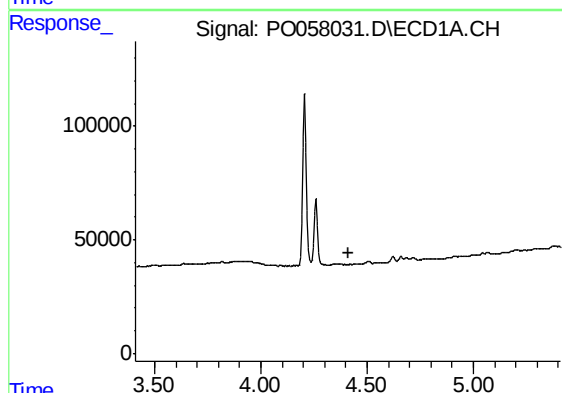
R.T.: 5.799 min
Delta R.T.: -0.027 min
Response: 3052
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



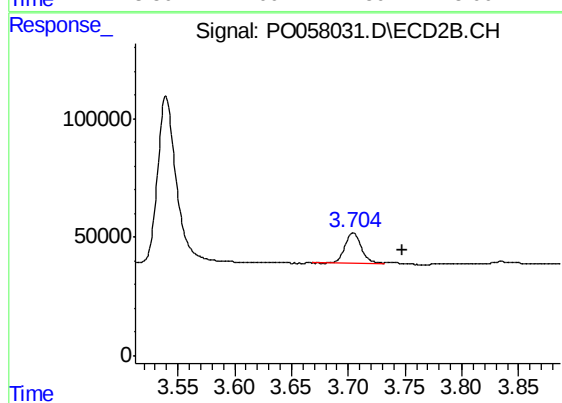
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



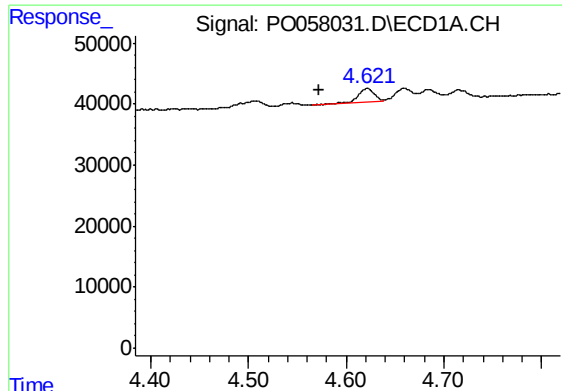
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.410 min
Response: 0
Conc: N.D.



#8 AR-1221-1

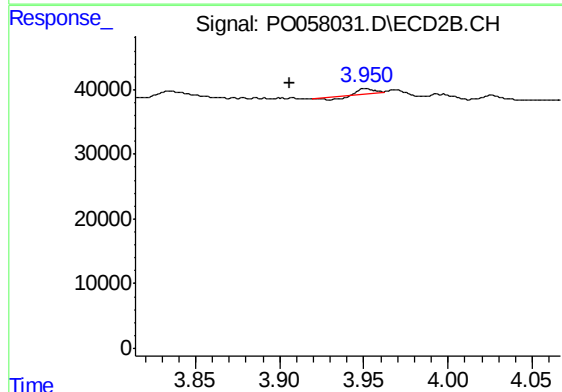
R.T.: 3.704 min
Delta R.T.: -0.043 min
Response: 125260
Conc: 353.79 ng/ml



#10 AR-1221-3

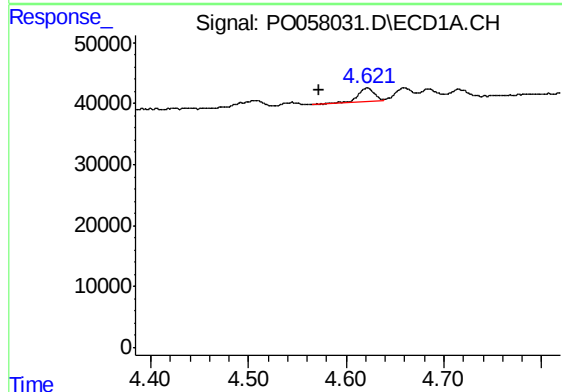
R.T.: 4.622 min
Delta R.T.: 0.050 min
Response: 28223
Conc: 28.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



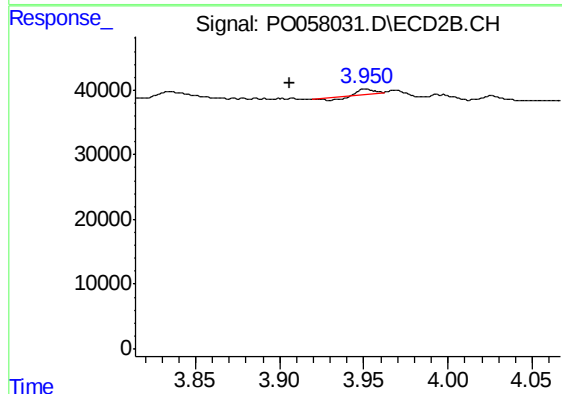
#10 AR-1221-3

R.T.: 3.951 min
Delta R.T.: 0.045 min
Response: 1515
Conc: 1.79 ng/ml



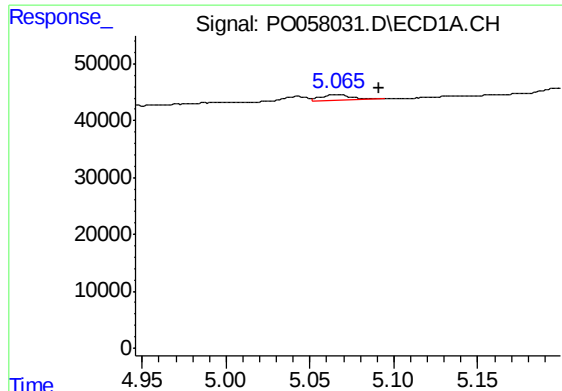
#11 AR-1232-1

R.T.: 4.622 min
Delta R.T.: 0.049 min
Response: 28223
Conc: 34.35 ng/ml



#11 AR-1232-1

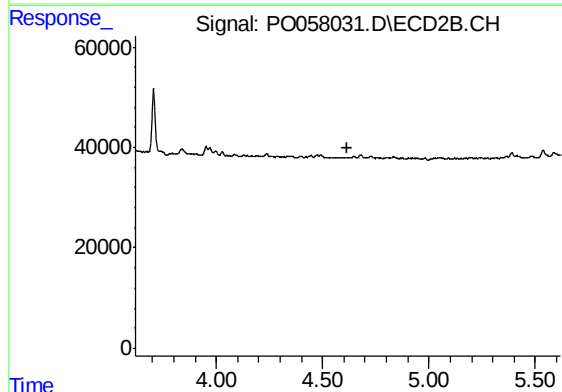
R.T.: 3.951 min
Delta R.T.: 0.045 min
Response: 1515
Conc: 2.15 ng/ml



#12 AR-1232-2

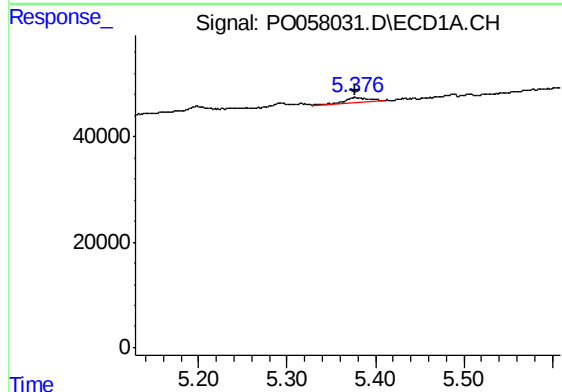
R.T.: 5.065 min
Delta R.T.: -0.026 min
Response: 13555
Conc: 29.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



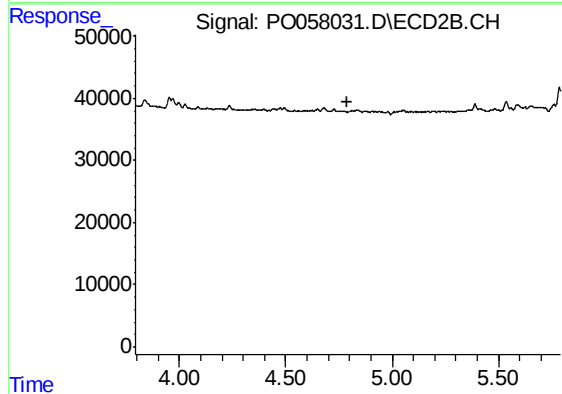
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



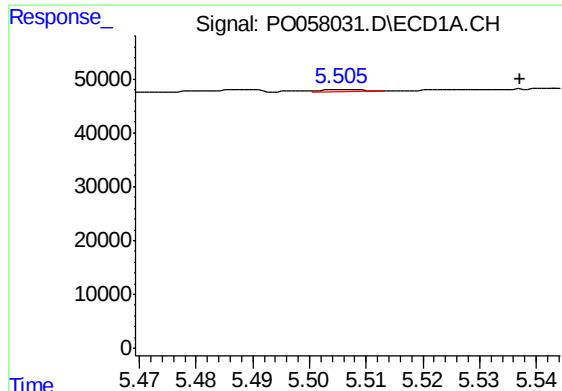
#13 AR-1232-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 17263
Conc: 17.33 ng/ml



#13 AR-1232-3

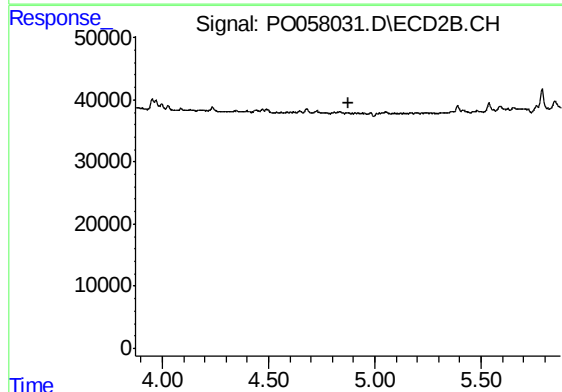
R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#14 AR-1232-4

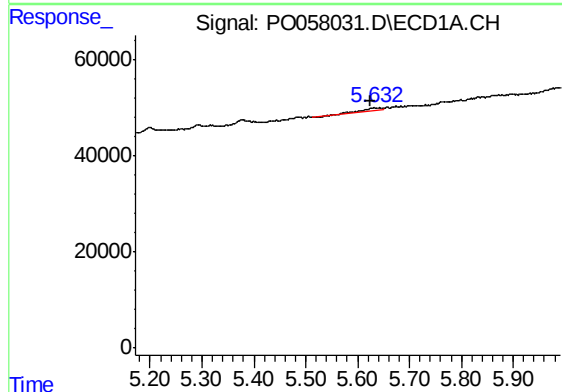
R.T.: 5.506 min
Delta R.T.: -0.031 min
Response: 1394
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



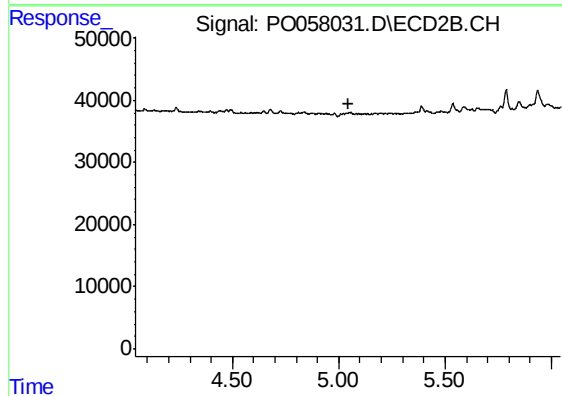
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



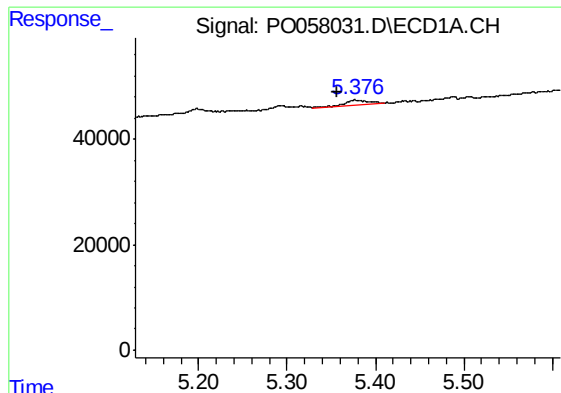
#15 AR-1232-5

R.T.: 5.642 min
Delta R.T.: 0.018 min
Response: 22217
Conc: 58.92 ng/ml



#15 AR-1232-5

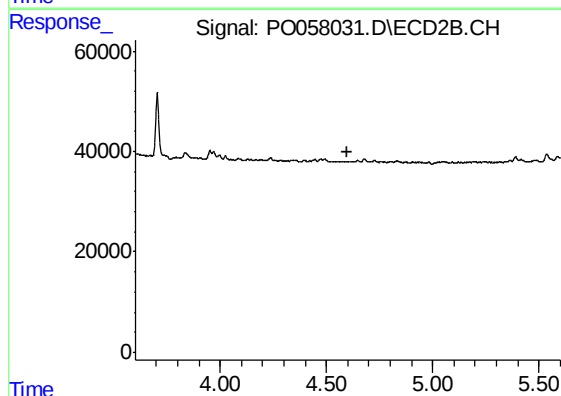
R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



#16 AR-1242-1

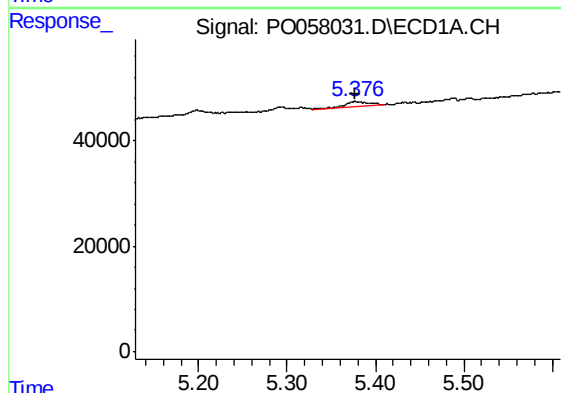
R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 17263
Conc: 14.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



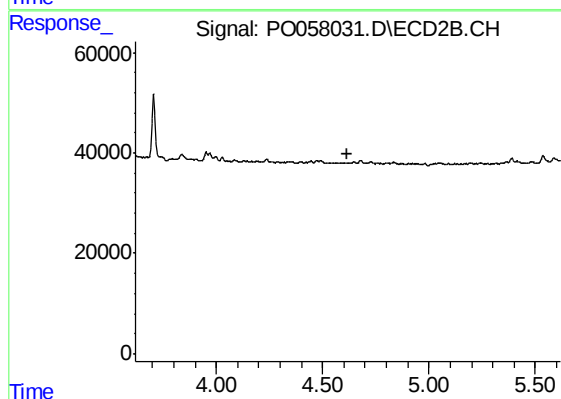
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



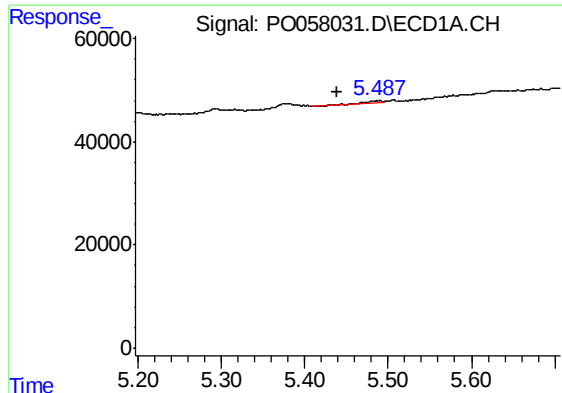
#17 AR-1242-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 17263
Conc: 9.40 ng/ml



#17 AR-1242-2

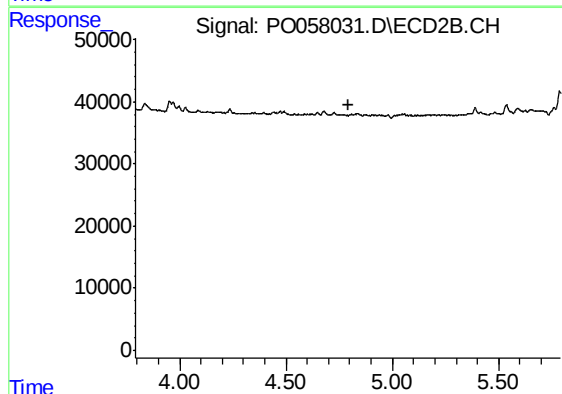
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#18 AR-1242-3

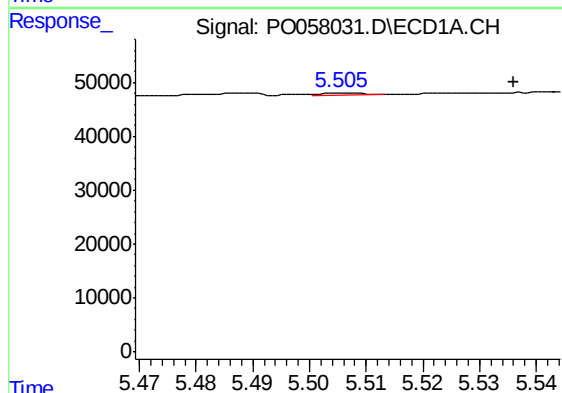
R.T.: 5.488 min
Delta R.T.: 0.050 min
Response: 8108
Conc: 6.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



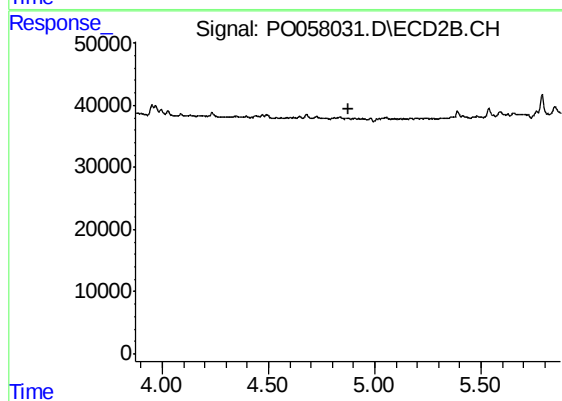
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



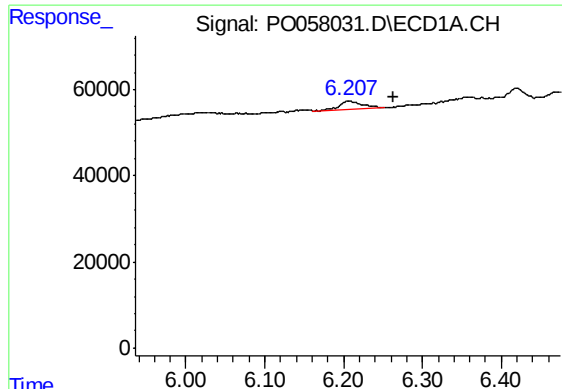
#19 AR-1242-4

R.T.: 5.506 min
Delta R.T.: -0.030 min
Response: 1394
Conc: 1.48 ng/ml



#19 AR-1242-4

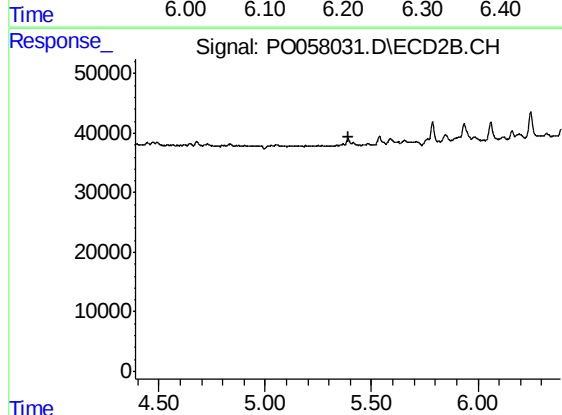
R.T.: 0.000 min
Exp R.T. : 4.874 min
Response: 0
Conc: N.D.



#20 AR-1242-5

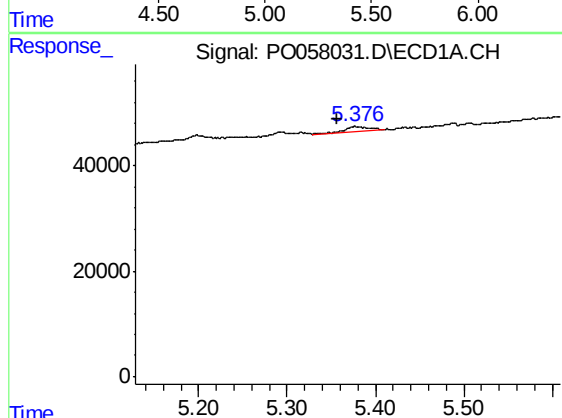
R.T.: 6.207 min
Delta R.T.: -0.056 min
Response: 39201
Conc: 33.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



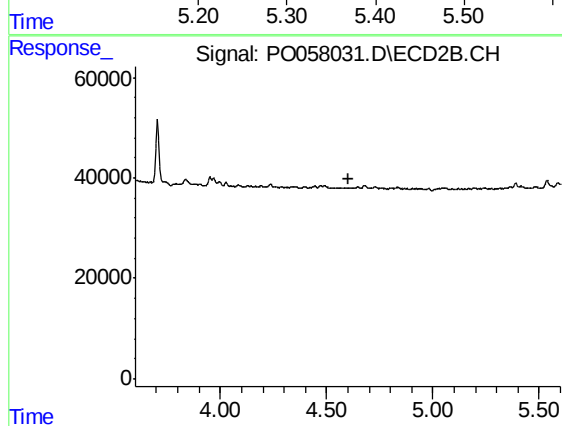
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



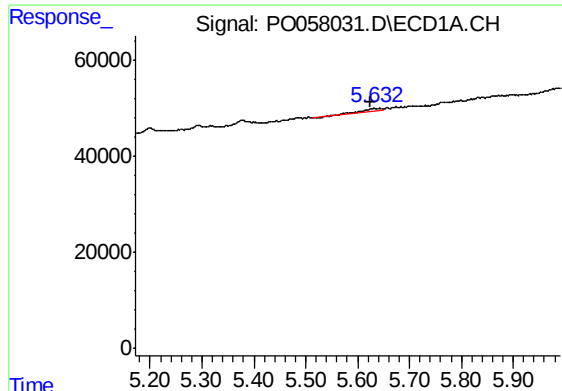
#21 AR-1248-1

R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 17263
Conc: 18.47 ng/ml



#21 AR-1248-1

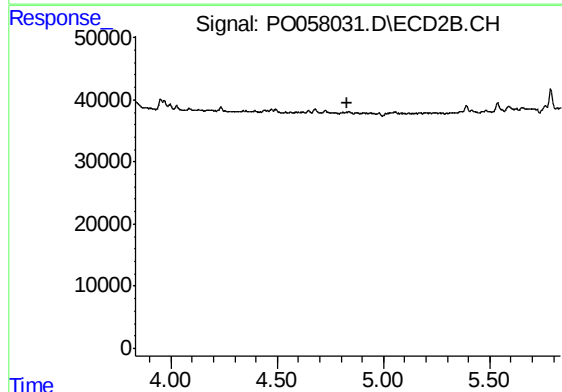
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

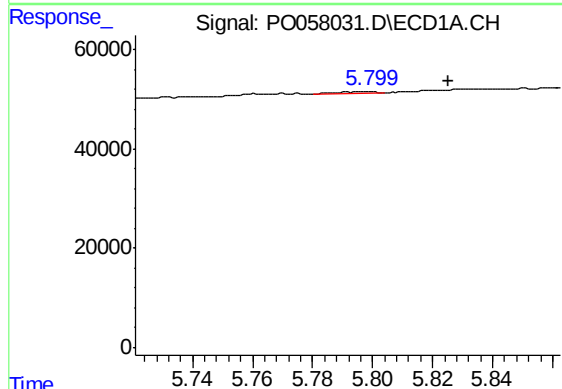
R.T.: 5.642 min
Delta R.T.: 0.018 min
Response: 22217
Conc: 16.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



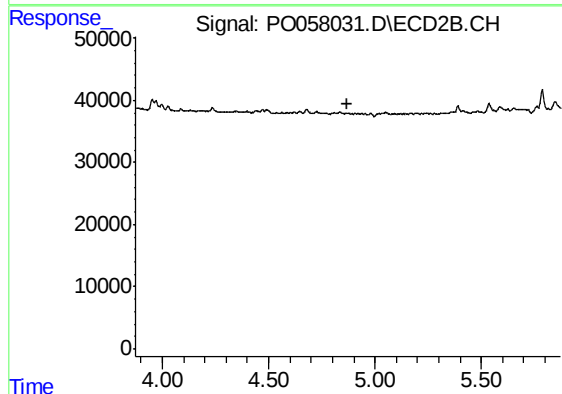
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.833 min
Response: 0
Conc: N.D.



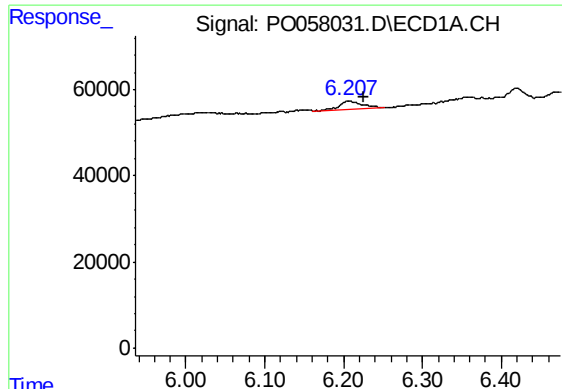
#23 AR-1248-3

R.T.: 5.799 min
Delta R.T.: -0.026 min
Response: 3052
Conc: 1.97 ng/ml



#23 AR-1248-3

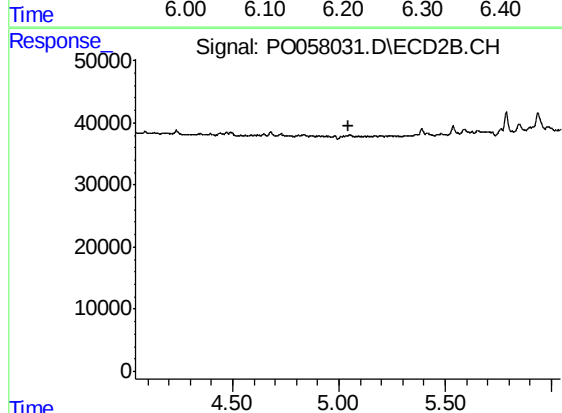
R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



#24 AR-1248-4

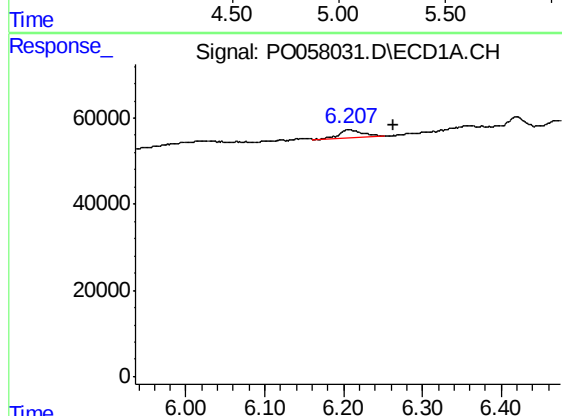
R.T.: 6.207 min
Delta R.T.: -0.019 min
Response: 39201
Conc: 20.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



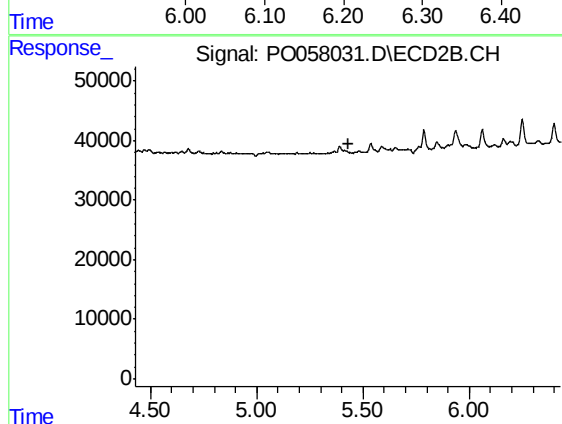
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



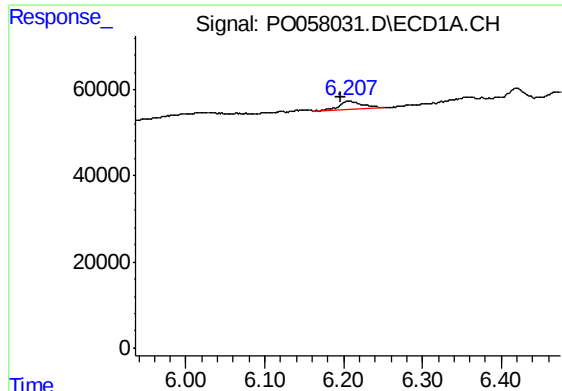
#25 AR-1248-5

R.T.: 6.207 min
Delta R.T.: -0.056 min
Response: 39201
Conc: 20.57 ng/ml



#25 AR-1248-5

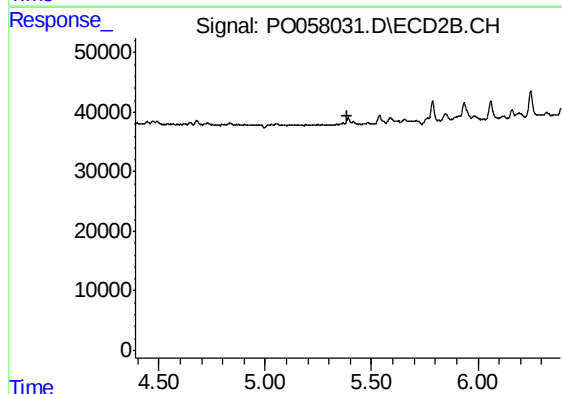
R.T.: 0.000 min
Exp R.T. : 5.429 min
Response: 0
Conc: N.D.



#26 AR-1254-1

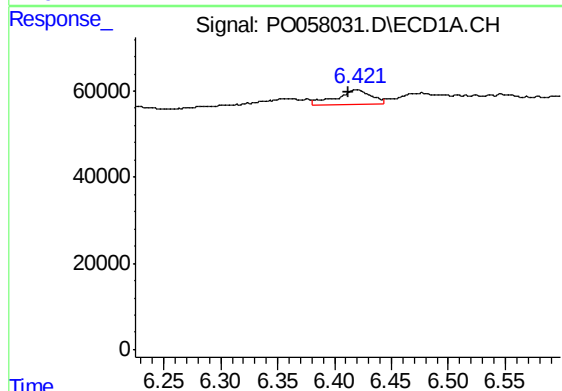
R.T.: 6.207 min
Delta R.T.: 0.011 min
Response: 39201
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



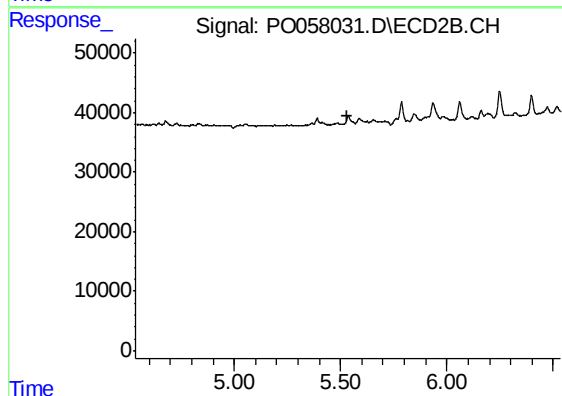
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



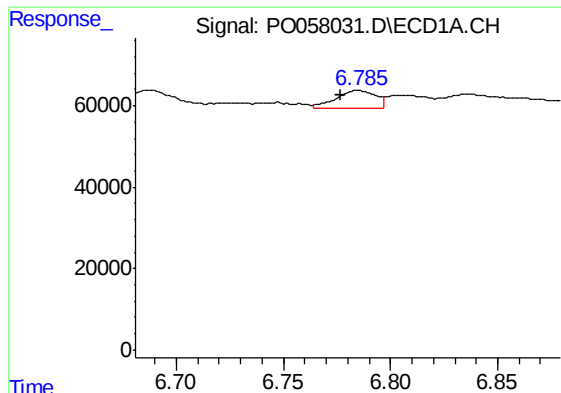
#27 AR-1254-2

R.T.: 6.420 min
Delta R.T.: 0.008 min
Response: 74577
Conc: 22.81 ng/ml



#27 AR-1254-2

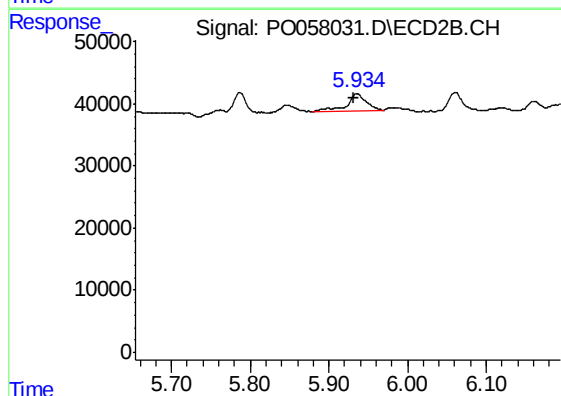
R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#28 AR-1254-3

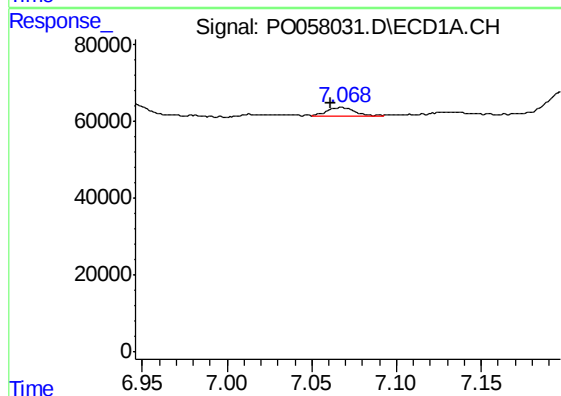
R.T.: 6.785 min
Delta R.T.: 0.008 min
Response: 56793
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



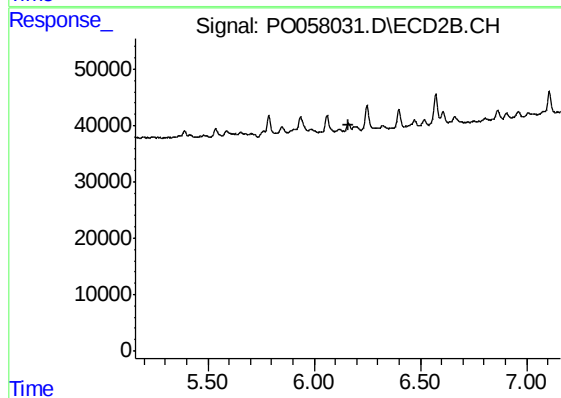
#28 AR-1254-3

R.T.: 5.936 min
Delta R.T.: 0.003 min
Response: 47660
Conc: 16.27 ng/ml



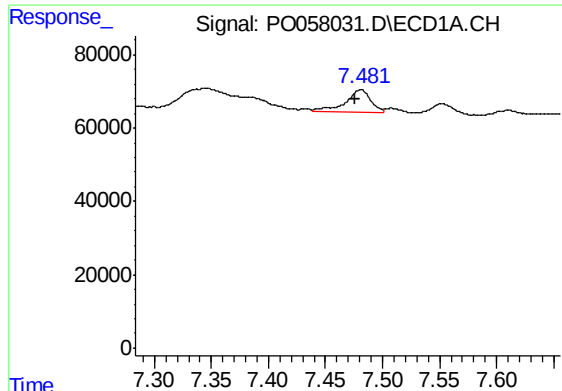
#29 AR-1254-4

R.T.: 7.068 min
Delta R.T.: 0.006 min
Response: 25962
Conc: 8.77 ng/ml



#29 AR-1254-4

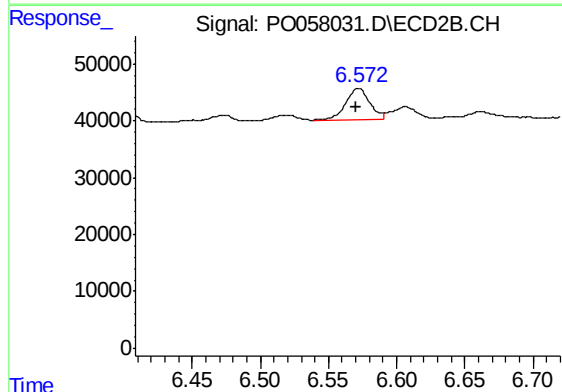
R.T.: 0.000 min
Exp R.T. : 6.159 min
Response: 0
Conc: N.D.



#30 AR-1254-5

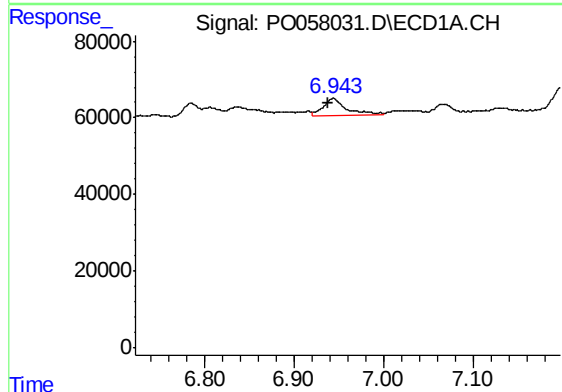
R.T.: 7.481 min
Delta R.T.: 0.005 min
Response: 95492
Conc: 32.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



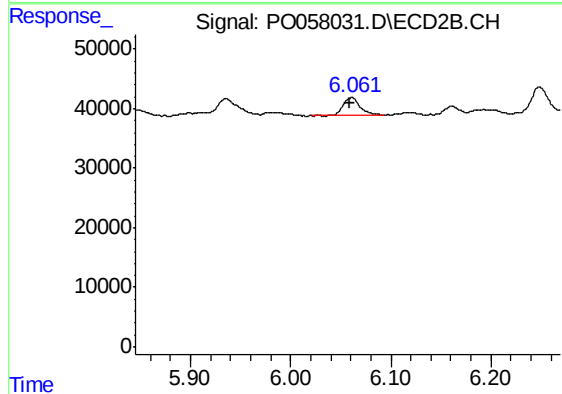
#30 AR-1254-5

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 67091
Conc: 24.68 ng/ml



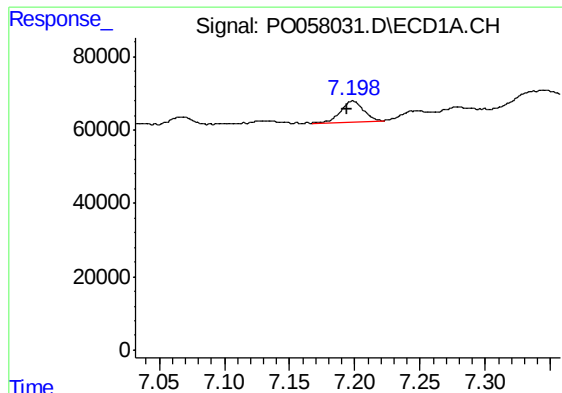
#31 AR-1260-1

R.T.: 6.943 min
Delta R.T.: 0.006 min
Response: 81230
Conc: 32.48 ng/ml



#31 AR-1260-1

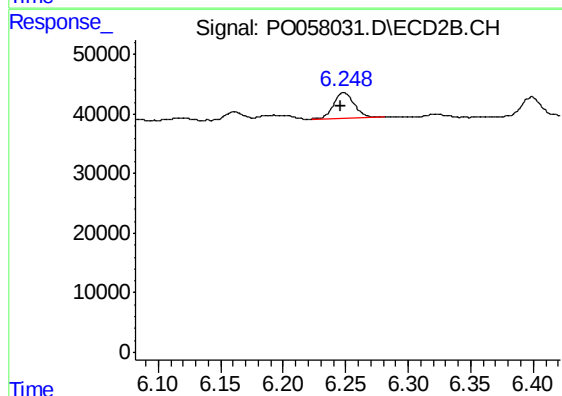
R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 34741
Conc: 17.15 ng/ml



#32 AR-1260-2

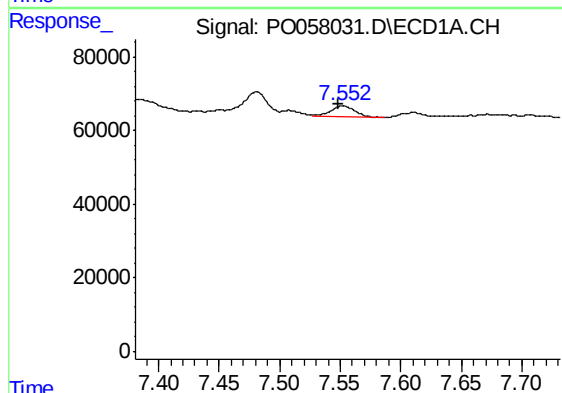
R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 68288
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



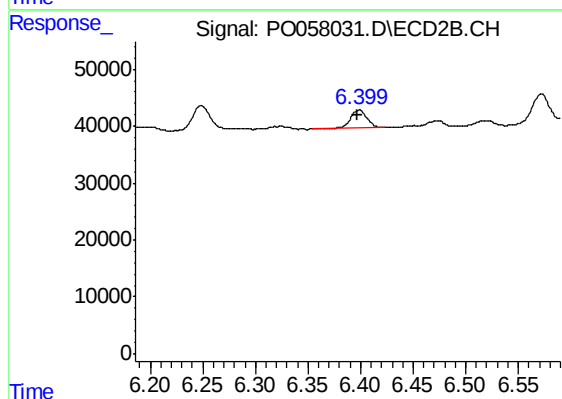
#32 AR-1260-2

R.T.: 6.248 min
Delta R.T.: 0.002 min
Response: 50992
Conc: 19.83 ng/ml



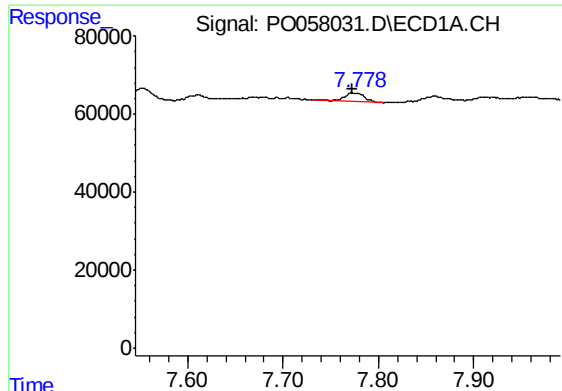
#33 AR-1260-3

R.T.: 7.552 min
Delta R.T.: 0.004 min
Response: 40549
Conc: 13.81 ng/ml



#33 AR-1260-3

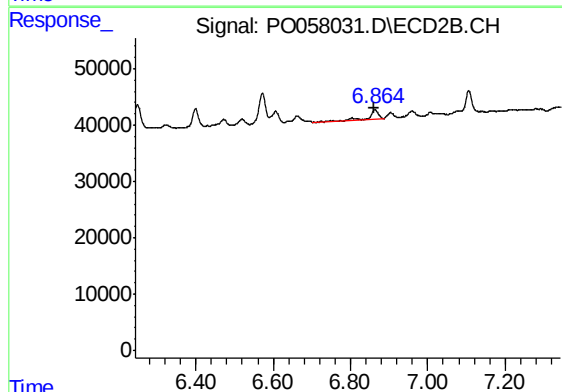
R.T.: 6.399 min
Delta R.T.: 0.002 min
Response: 34216
Conc: 15.00 ng/ml



#34 AR-1260-4

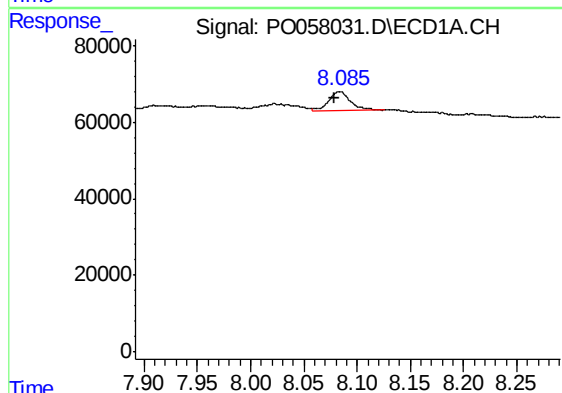
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 33596
Conc: 12.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



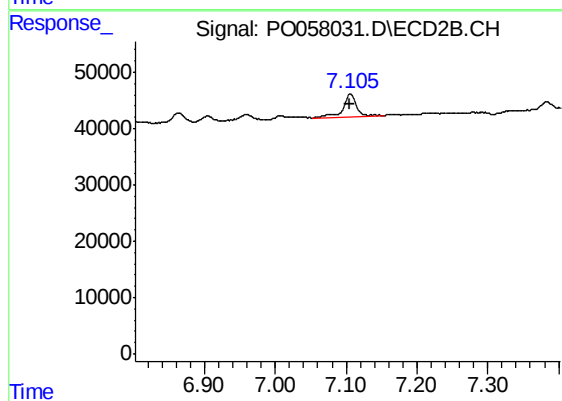
#34 AR-1260-4

R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 23736
Conc: 12.26 ng/ml



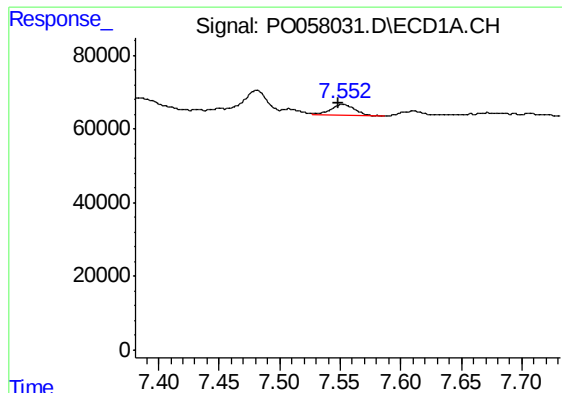
#35 AR-1260-5

R.T.: 8.084 min
Delta R.T.: 0.005 min
Response: 69983
Conc: 12.06 ng/ml



#35 AR-1260-5

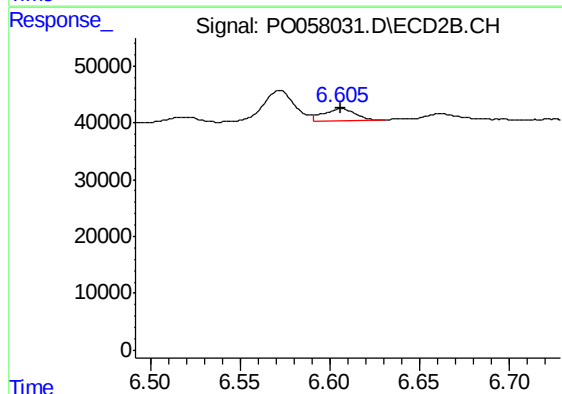
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 54256
Conc: 11.79 ng/ml



#36 AR-1262-1

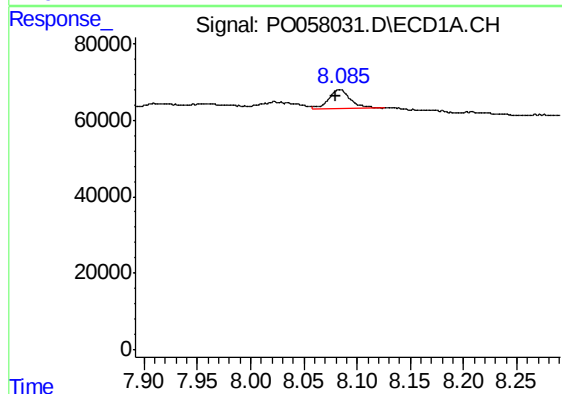
R.T.: 7.552 min
Delta R.T.: 0.004 min
Response: 40549
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



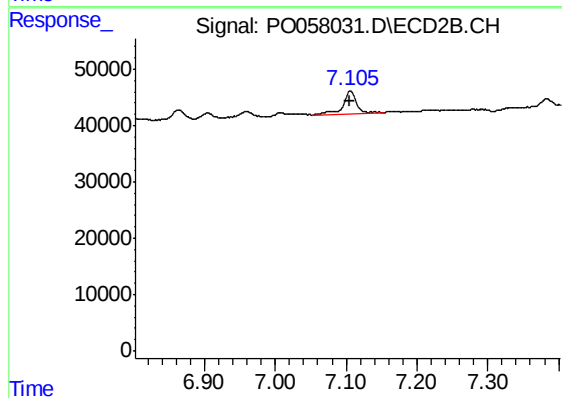
#36 AR-1262-1

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 25667
Conc: 6.46 ng/ml



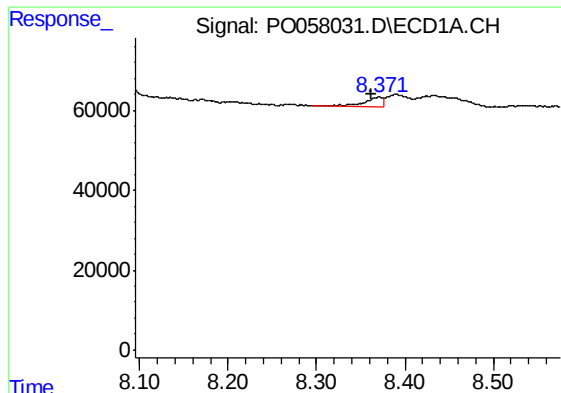
#37 AR-1262-2

R.T.: 8.084 min
Delta R.T.: 0.005 min
Response: 69983
Conc: 8.23 ng/ml



#37 AR-1262-2

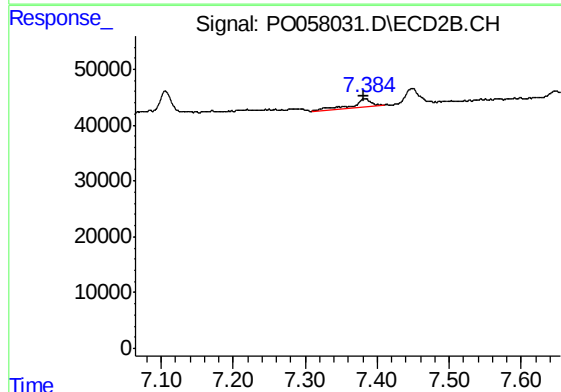
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 54256
Conc: 8.40 ng/ml



#38 AR-1262-3

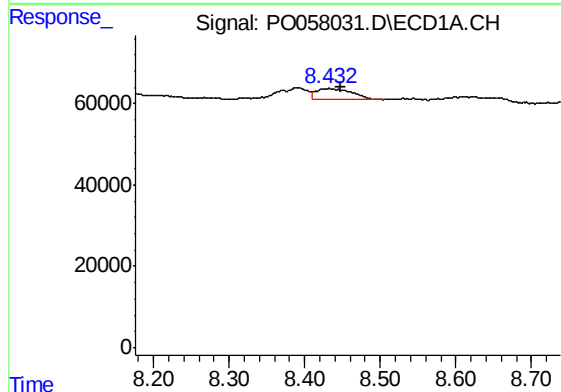
R.T.: 8.371 min
Delta R.T.: 0.008 min
Response: 33664
Conc: 5.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



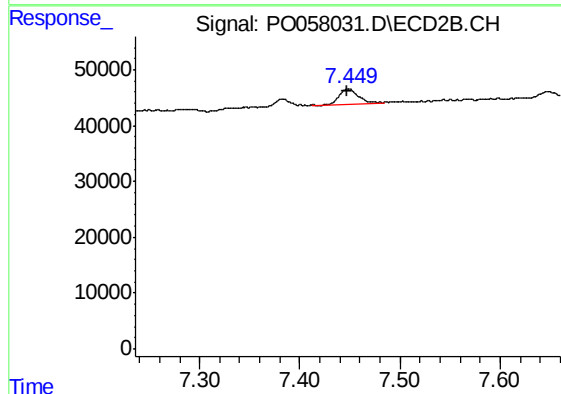
#38 AR-1262-3

R.T.: 7.383 min
Delta R.T.: 0.002 min
Response: 25999
Conc: 9.43 ng/ml



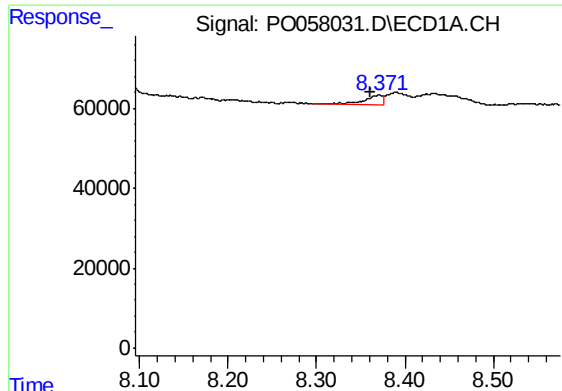
#39 AR-1262-4

R.T.: 8.432 min
Delta R.T.: -0.015 min
Response: 89721
Conc: 19.67 ng/ml



#39 AR-1262-4

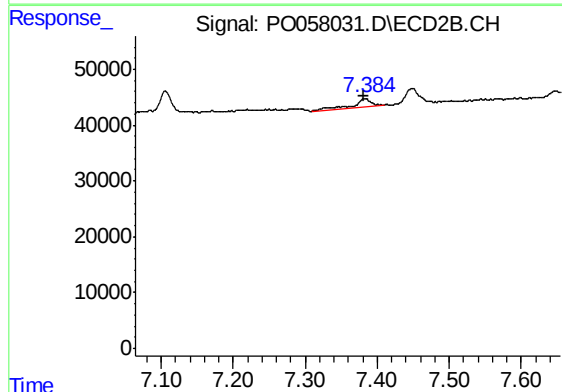
R.T.: 7.449 min
Delta R.T.: 0.002 min
Response: 36160
Conc: 7.57 ng/ml



#41 AR-1268-1

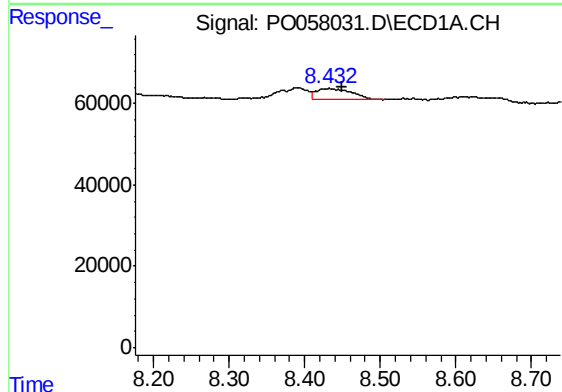
R.T.: 8.371 min
Delta R.T.: 0.010 min
Response: 33664
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



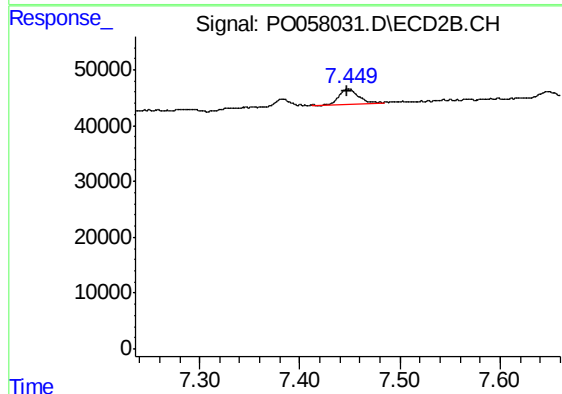
#41 AR-1268-1

R.T.: 7.383 min
Delta R.T.: 0.002 min
Response: 25999
Conc: 3.33 ng/ml



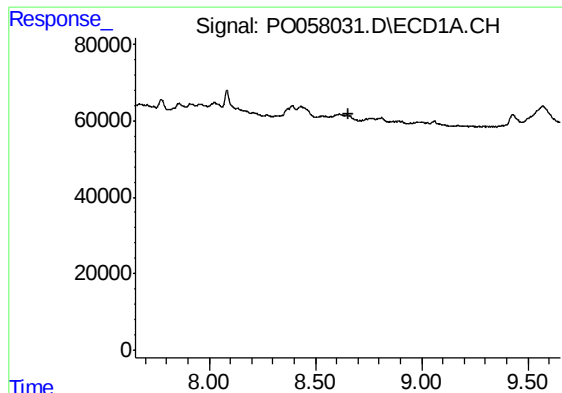
#42 AR-1268-2

R.T.: 8.432 min
Delta R.T.: -0.017 min
Response: 89721
Conc: 9.80 ng/ml



#42 AR-1268-2

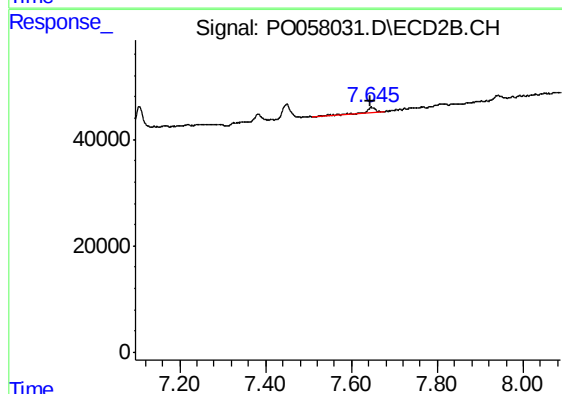
R.T.: 7.449 min
Delta R.T.: 0.002 min
Response: 36160
Conc: 5.07 ng/ml



#43 AR-1268-3

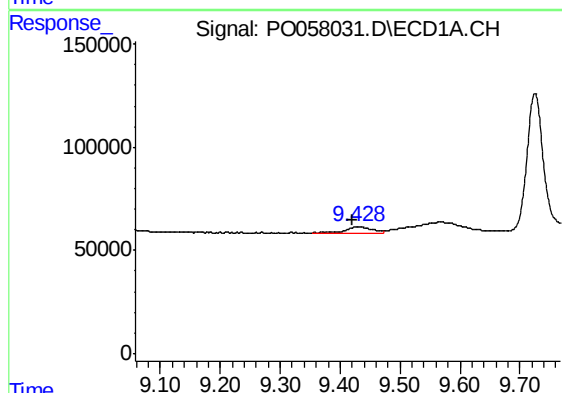
R.T.: 0.000 min
Exp R.T.: 8.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-B7RE



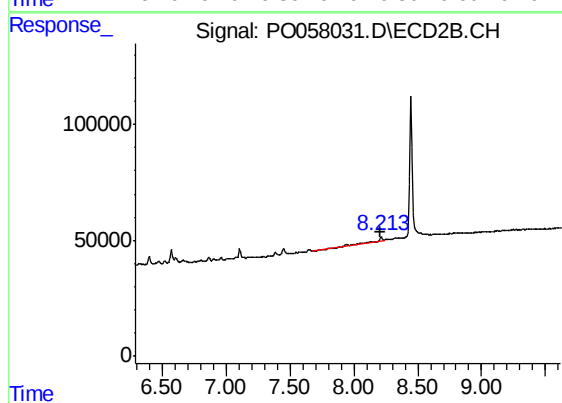
#43 AR-1268-3

R.T.: 7.647 min
Delta R.T.: 0.001 min
Response: 10252
Conc: 1.70 ng/ml



#45 AR-1268-5

R.T.: 9.428 min
Delta R.T.: 0.008 min
Response: 92056
Conc: 4.23 ng/ml



#45 AR-1268-5

R.T.: 8.214 min
Delta R.T.: 0.003 min
Response: 30931
Conc: 1.85 ng/ml