

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021219\
 Data File : P0053805.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Feb 2019 15:45
 Operator : SM/SJ
 Sample : K1465-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 EFFLUENT-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:34:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 11 14:15:10 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...	4.076	3.148	67561054	5974654	19.006	21.887
2)	SA Decachlor...	9.438	7.739	17772036	3699726	14.154	13.238
Target Compounds							
3)	L1 AR-1016-1	5.212	4.119	12704690	2356235	174.652	254.642 #
4)	L1 AR-1016-2	5.234	4.133	29756942	4250067	284.683	293.575
5)	L1 AR-1016-3	5.295	4.291	4712502	2851622	80.182	357.659 #
6)	L1 AR-1016-4	5.386	4.332	23976416	5784703	468.450	1064.415 #
7)	L1 AR-1016-5	5.672	4.522	49550017	8383999	1146.379	1092.171
8)	L2 AR-1221-1	4.321	3.294	4824545	7975533	92.884	1579.379 #
9)	L2 AR-1221-2	4.358	0.000	5696803	0	166.495	N.D. #
10)	L2 AR-1221-3	4.477	0.000	1200744	0	10.079	N.D. #
11)	L3 AR-1232-1	4.477	0.000	1200744	0	23.822	N.D. #
12)	L3 AR-1232-2	4.952	4.133	24202125	4250067	1115.229	653.788 #
13)	L3 AR-1232-3	5.234	4.291	29756942	2851622	714.107	916.728 #
14)	L3 AR-1232-4	5.386	4.367	23976416	6464860	1181.383	2587.038 #
15)	L3 AR-1232-5	5.473	4.522	40967669	8383999	3521.343	2736.429
16)	L4 AR-1242-1	5.212	4.119	12704690	2356235	211.591	303.105 #
17)	L4 AR-1242-2	5.234	4.133	29756942	4250067	341.033	344.349
18)	L4 AR-1242-3	5.295	4.291	4712502	2851622	96.395	466.164 #
19)	L4 AR-1242-4	5.386	4.367	23976416	6464860	565.643	1158.877 #
20)	L4 AR-1242-5	6.103	4.846	86833445	12276929	2313.631	1588.267 #
21)	L5 AR-1248-1	5.212	4.119	12704690	2356235	284.144	393.432 #
22)	L5 AR-1248-2	5.473	4.332	40967669	5784703	786.305	735.203
23)	L5 AR-1248-3	5.672	4.367	49550017	6464860	811.261	793.585
24)	L5 AR-1248-4	6.067	4.522	60674624	8383999	953.006	794.400
25)	L5 AR-1248-5	6.103	4.881	86833445	13562084	1438.830	1247.855
26)	L6 AR-1254-1	6.038	4.846	56466549	12276929	354.338	300.192
27)	L6 AR-1254-2	6.259	4.981	73395104	5427673	299.443	158.413 #
28)	L6 AR-1254-3	6.612	5.352	42846625	9595269	172.083	173.763
29)	L6 AR-1254-4	6.893	5.571	34303579	7414157	189.799	206.735
30)	L6 AR-1254-5	7.303	5.959	9731376	1741172	56.363	43.113
31)	L7 AR-1260-1	6.766	5.480	5472060	5918832	82.566	375.587 #
32)	L7 AR-1260-2	7.017	5.654	11690860	1596995	139.386	84.119 #
33)	L7 AR-1260-3	7.368	5.789	5087277	1701780	97.402	97.390
34)	L7 AR-1260-4	7.592	6.232	4640589	924787	84.756	79.889
35)	L7 AR-1260-5	7.900	6.476	6449115	1955885	54.171	66.576
36)	L8 AR-1262-1	7.368	5.989	5087277	786930	55.543	38.622 #
37)	L8 AR-1262-2	7.900	6.476	6449115	1955885	41.289	55.133 #
38)	L8 AR-1262-3	8.194	6.737	2344629	744244	73.316	54.388 #
39)	L8 AR-1262-4	8.194	6.800	2344629	1372529	29.776	52.890 #
40)	L8 AR-1262-5	8.824	7.284	1739416	470787	32.330	39.623
41)	L9 AR-1268-1	8.168	6.737	1789457	744244	9.406	18.108 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021219\
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 Operator : SM/SJ
 Sample : K1465-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

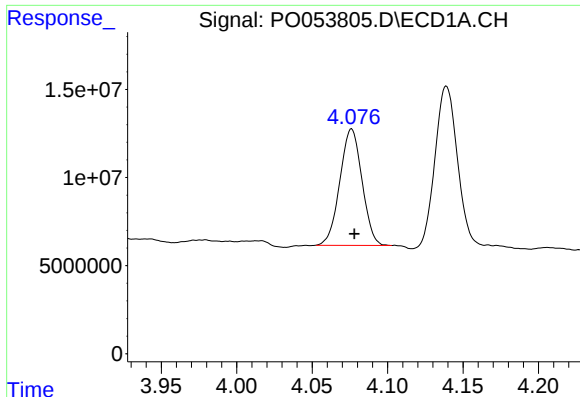
Instrument :
 ECD_O
 ClientSampleId :
 EFFLUENT-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:34:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021119.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.194	6.800	2344629	1372529	13.065	35.322 #
44) L9	AR-1268-4	8.824	7.284	1739416	470787	28.574	35.223

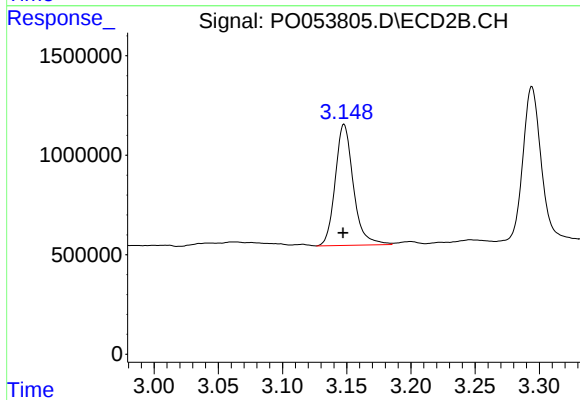
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

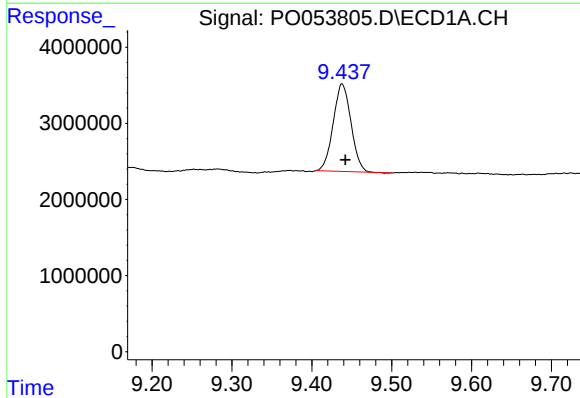
R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 67561054
Conc: 19.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



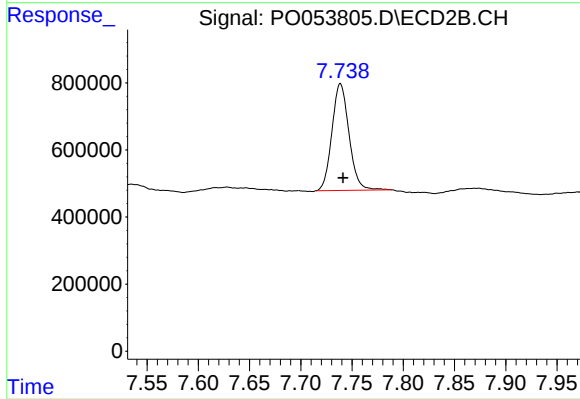
#1 Tetrachloro-m-xylene

R.T.: 3.148 min
Delta R.T.: 0.000 min
Response: 5974654
Conc: 21.89 ng/ml



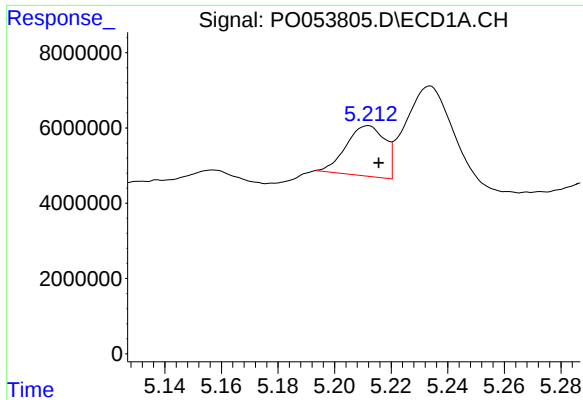
#2 Decachlorobiphenyl

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 17772036
Conc: 14.15 ng/ml



#2 Decachlorobiphenyl

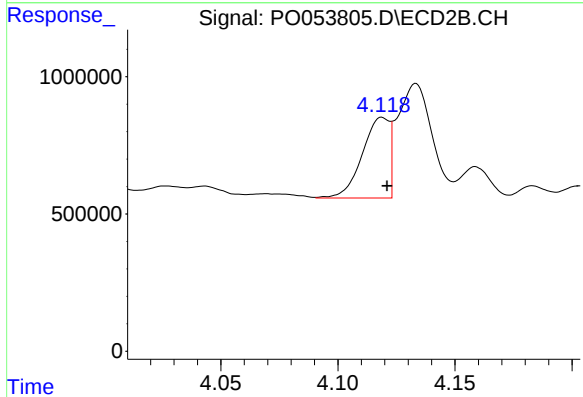
R.T.: 7.739 min
Delta R.T.: -0.003 min
Response: 3699726
Conc: 13.24 ng/ml



#3 AR-1016-1

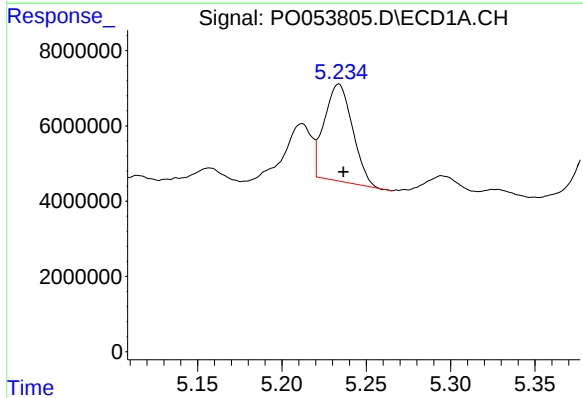
R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 12704690
Conc: 174.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



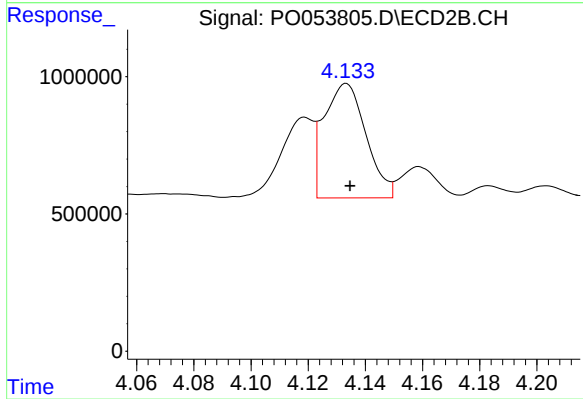
#3 AR-1016-1

R.T.: 4.119 min
Delta R.T.: -0.002 min
Response: 2356235
Conc: 254.64 ng/ml



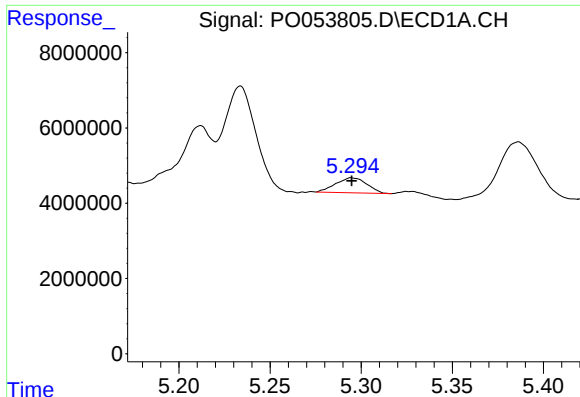
#4 AR-1016-2

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 29756942
Conc: 284.68 ng/ml



#4 AR-1016-2

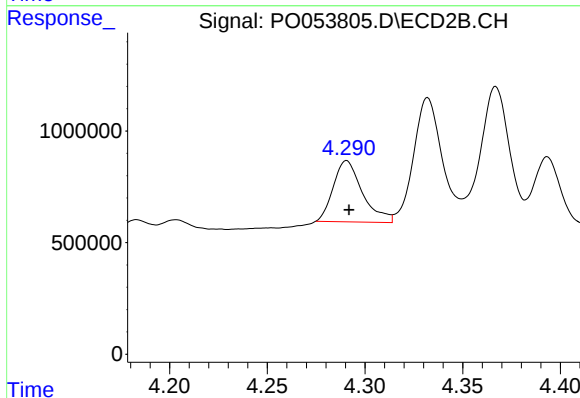
R.T.: 4.133 min
Delta R.T.: -0.001 min
Response: 4250067
Conc: 293.58 ng/ml



#5 AR-1016-3

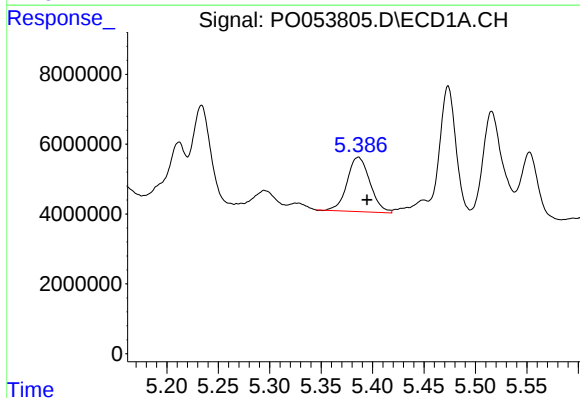
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 4712502
Conc: 80.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



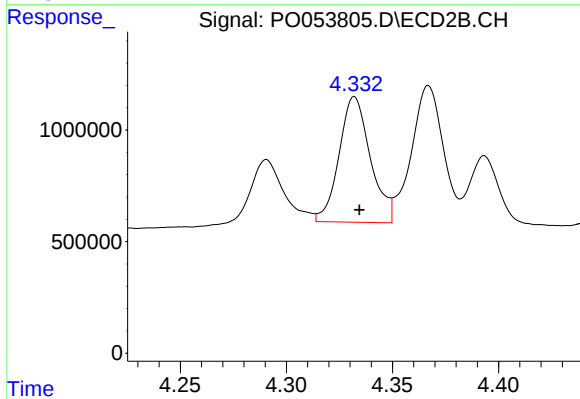
#5 AR-1016-3

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 2851622
Conc: 357.66 ng/ml



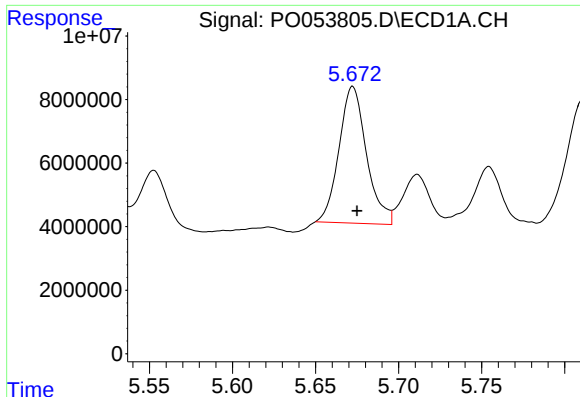
#6 AR-1016-4

R.T.: 5.386 min
Delta R.T.: -0.008 min
Response: 23976416
Conc: 468.45 ng/ml



#6 AR-1016-4

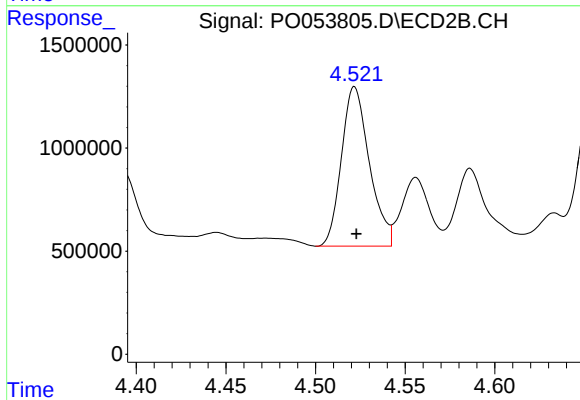
R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 5784703
Conc: 1064.42 ng/ml



#7 AR-1016-5

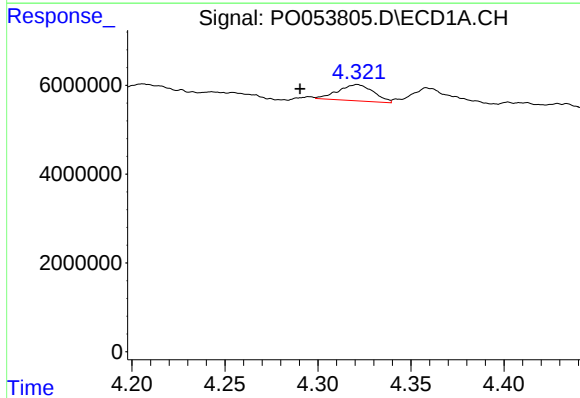
R.T.: 5.672 min
Delta R.T.: -0.003 min
Response: 49550017
Conc: 1146.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



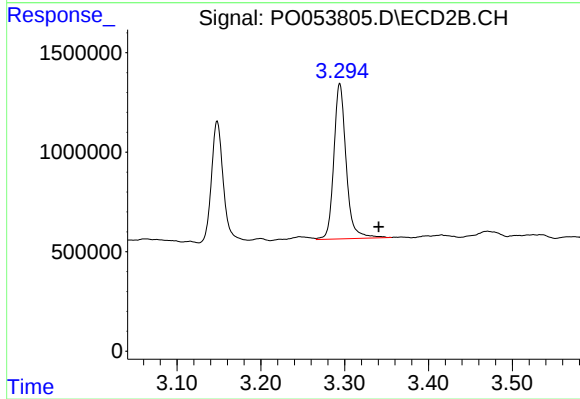
#7 AR-1016-5

R.T.: 4.522 min
Delta R.T.: -0.001 min
Response: 8383999
Conc: 1092.17 ng/ml



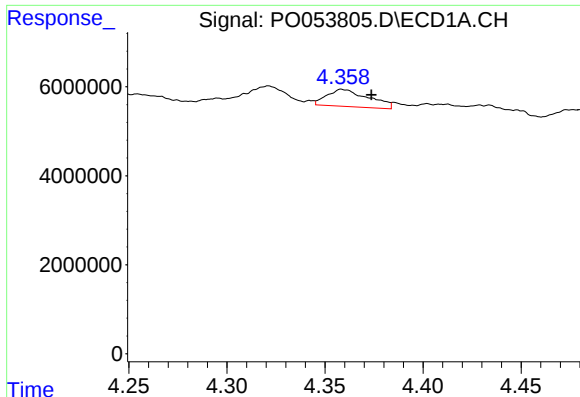
#8 AR-1221-1

R.T.: 4.321 min
Delta R.T.: 0.031 min
Response: 4824545
Conc: 92.88 ng/ml



#8 AR-1221-1

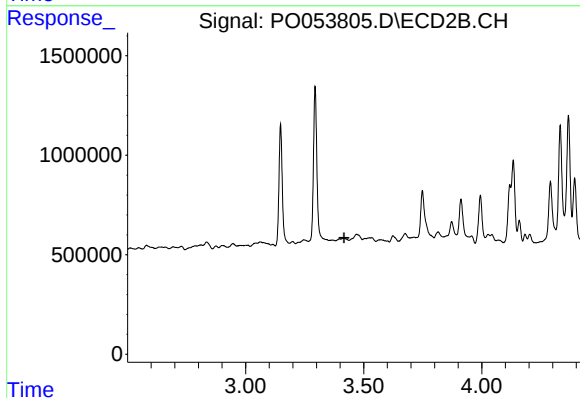
R.T.: 3.294 min
Delta R.T.: -0.046 min
Response: 7975533
Conc: 1579.38 ng/ml



#9 AR-1221-2

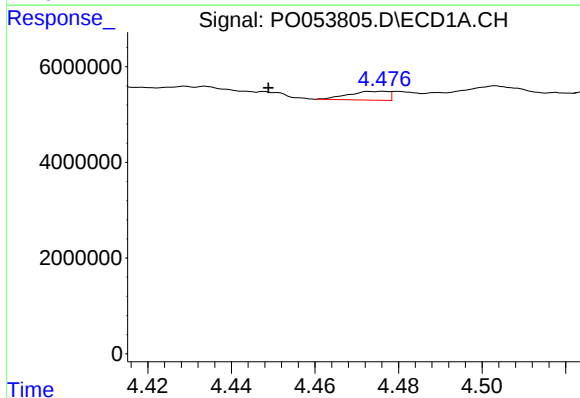
R.T.: 4.358 min
Delta R.T.: -0.015 min
Response: 5696803
Conc: 166.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



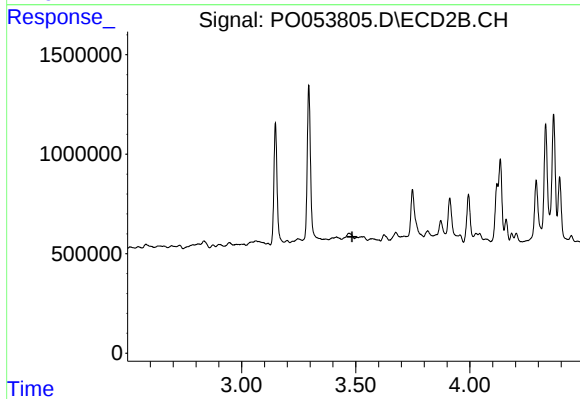
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.417 min
Response: 0
Conc: N.D.



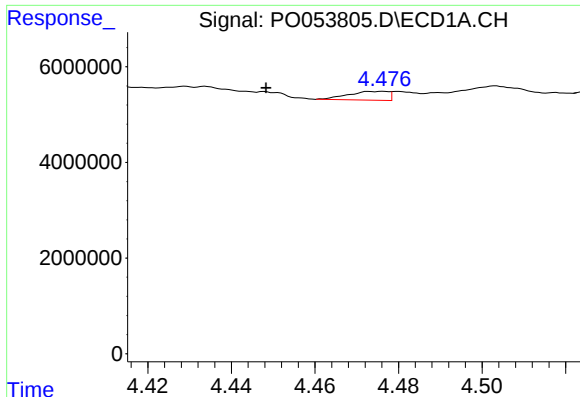
#10 AR-1221-3

R.T.: 4.477 min
Delta R.T.: 0.028 min
Response: 1200744
Conc: 10.08 ng/ml



#10 AR-1221-3

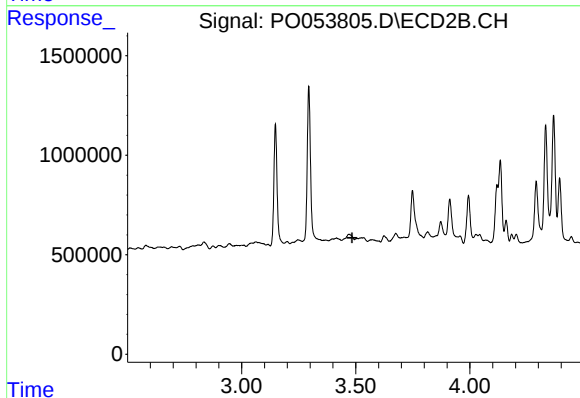
R.T.: 0.000 min
Exp R.T. : 3.484 min
Response: 0
Conc: N.D.



#11 AR-1232-1

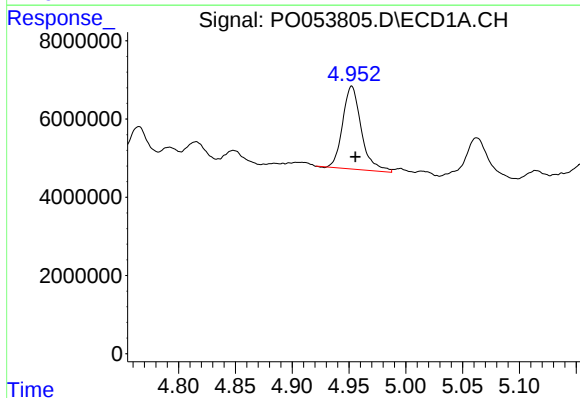
R.T.: 4.477 min
Delta R.T.: 0.028 min
Response: 1200744
Conc: 23.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



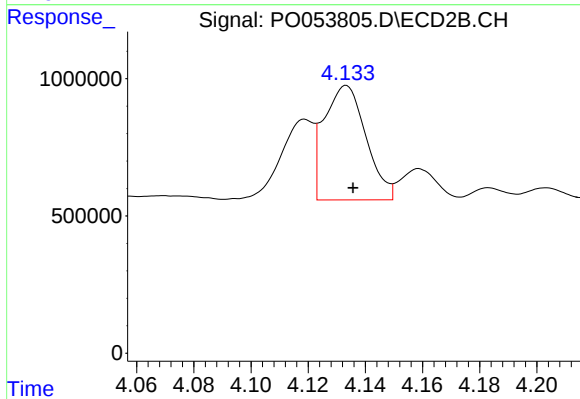
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.484 min
Response: 0
Conc: N.D.



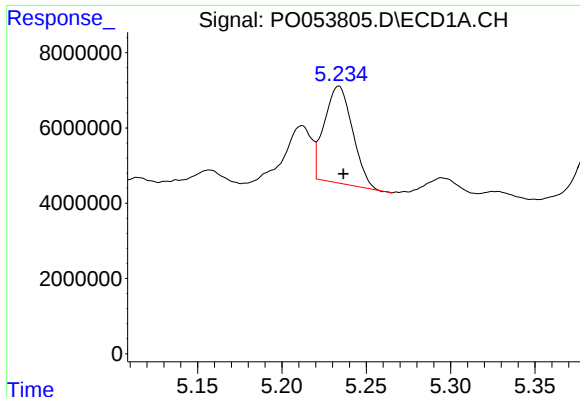
#12 AR-1232-2

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 24202125
Conc: 1115.23 ng/ml



#12 AR-1232-2

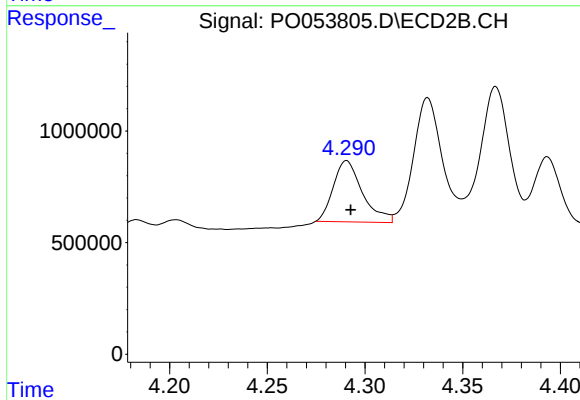
R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 4250067
Conc: 653.79 ng/ml



#13 AR-1232-3

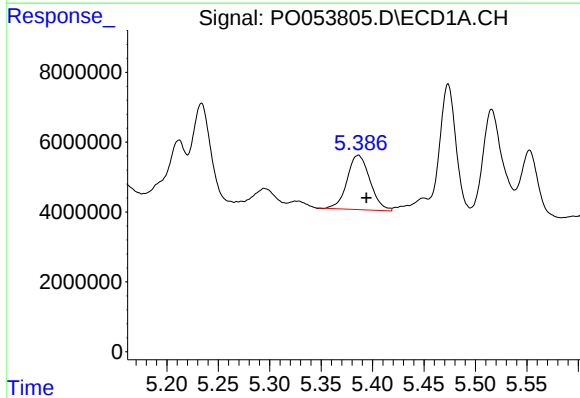
R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 29756942
Conc: 714.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



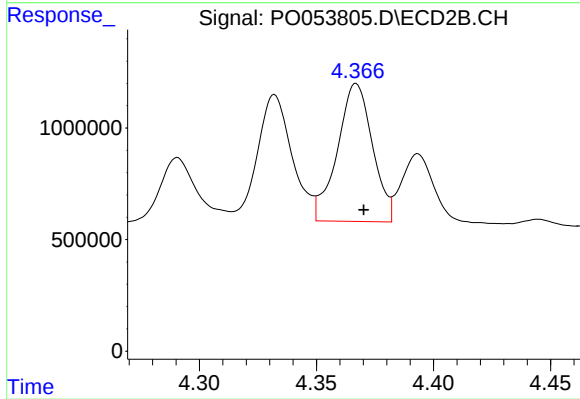
#13 AR-1232-3

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 2851622
Conc: 916.73 ng/ml



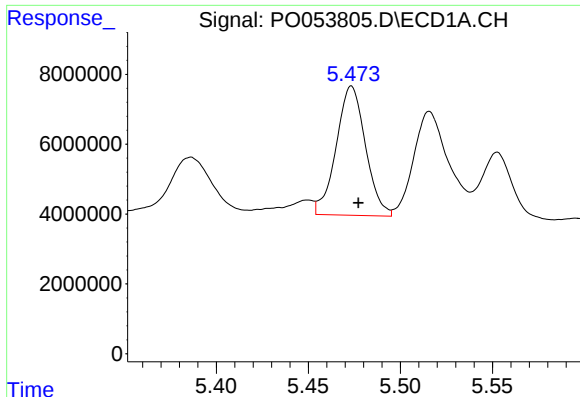
#14 AR-1232-4

R.T.: 5.386 min
Delta R.T.: -0.008 min
Response: 23976416
Conc: 1181.38 ng/ml



#14 AR-1232-4

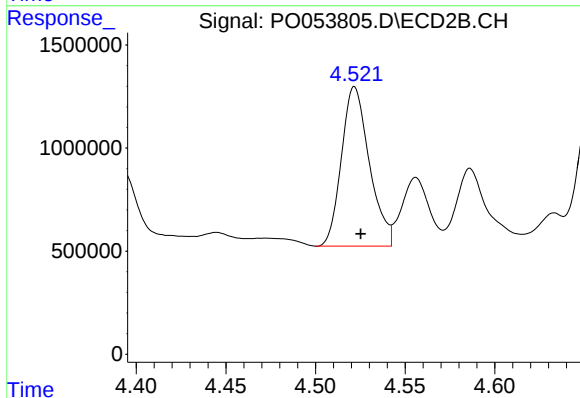
R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 6464860
Conc: 2587.04 ng/ml



#15 AR-1232-5

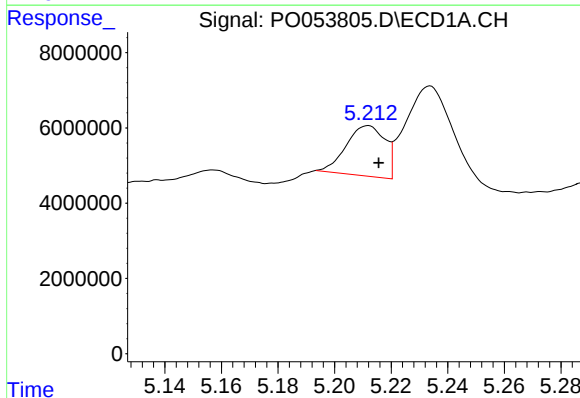
R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 40967669
Conc: 3521.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



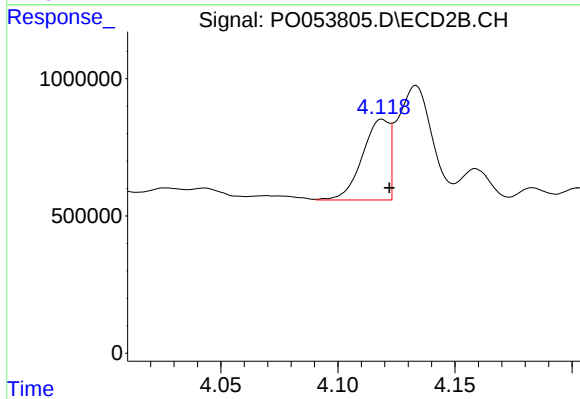
#15 AR-1232-5

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 8383999
Conc: 2736.43 ng/ml



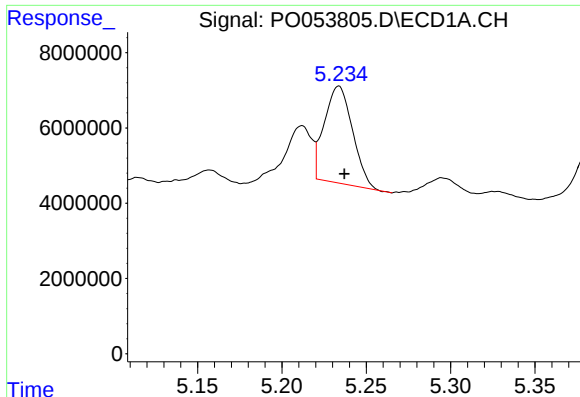
#16 AR-1242-1

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 12704690
Conc: 211.59 ng/ml



#16 AR-1242-1

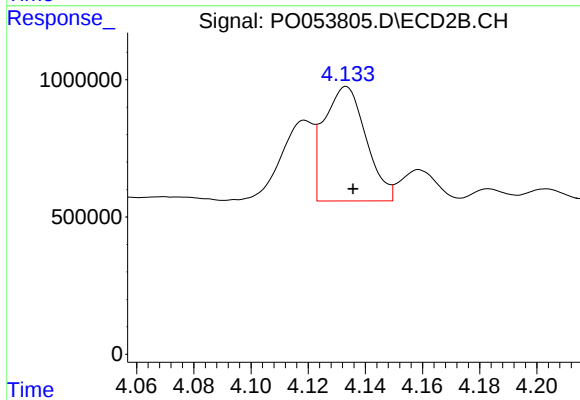
R.T.: 4.119 min
Delta R.T.: -0.003 min
Response: 2356235
Conc: 303.11 ng/ml



#17 AR-1242-2

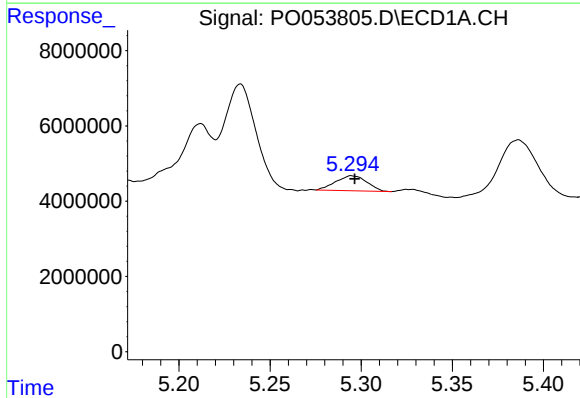
R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 29756942
Conc: 341.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



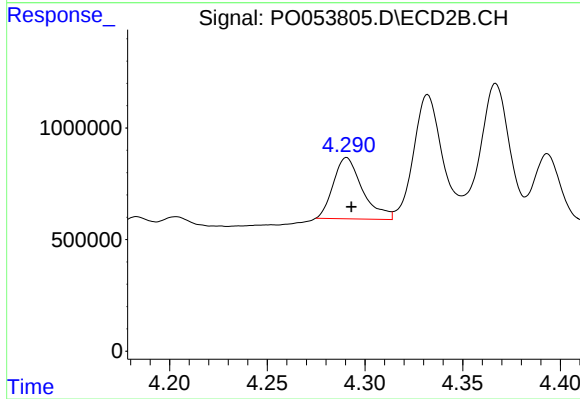
#17 AR-1242-2

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 4250067
Conc: 344.35 ng/ml



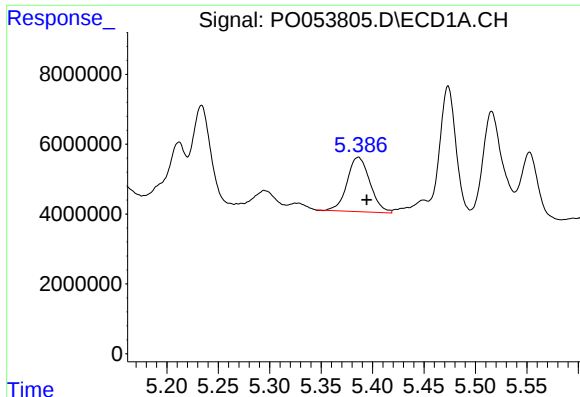
#18 AR-1242-3

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 4712502
Conc: 96.40 ng/ml



#18 AR-1242-3

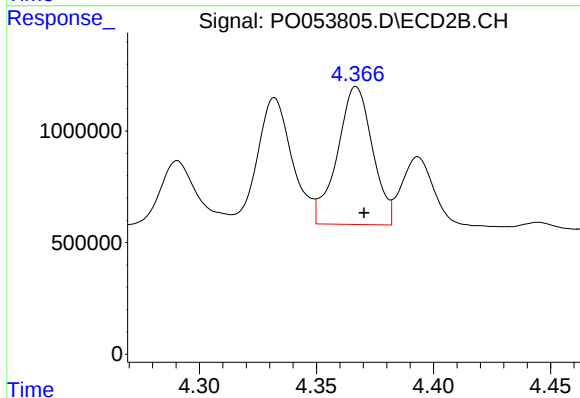
R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 2851622
Conc: 466.16 ng/ml



#19 AR-1242-4

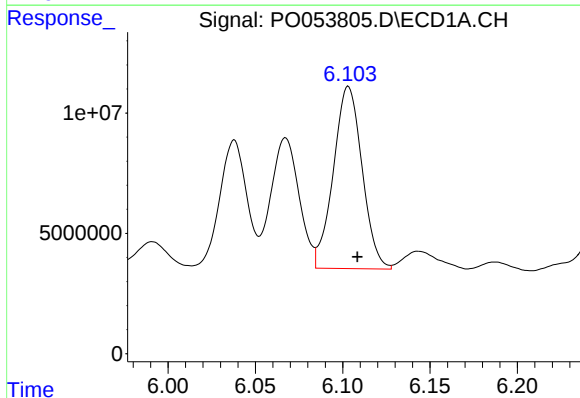
R.T.: 5.386 min
Delta R.T.: -0.008 min
Response: 23976416
Conc: 565.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



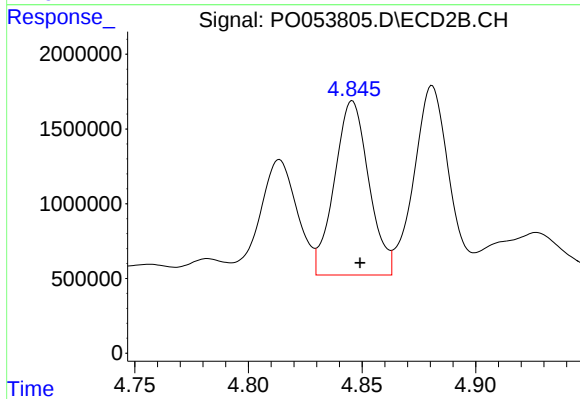
#19 AR-1242-4

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 6464860
Conc: 1158.88 ng/ml



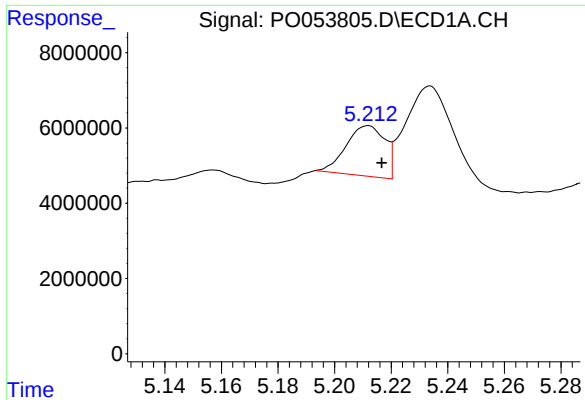
#20 AR-1242-5

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 86833445
Conc: 2313.63 ng/ml



#20 AR-1242-5

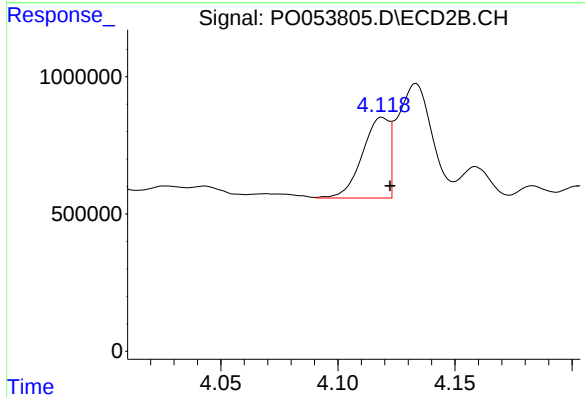
R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 12276929
Conc: 1588.27 ng/ml



#21 AR-1248-1

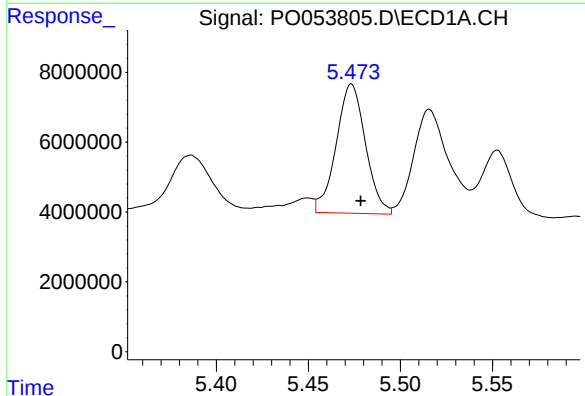
R.T.: 5.212 min
Delta R.T.: -0.005 min
Response: 12704690
Conc: 284.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



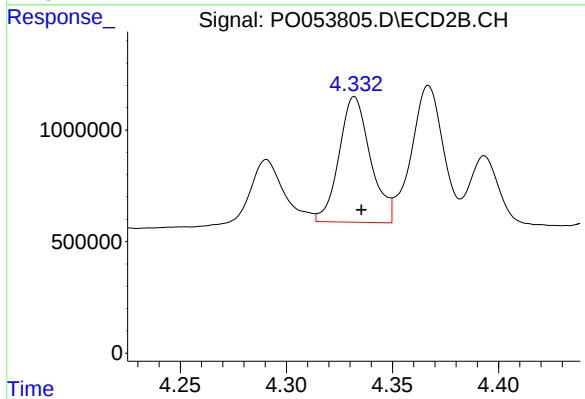
#21 AR-1248-1

R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 2356235
Conc: 393.43 ng/ml



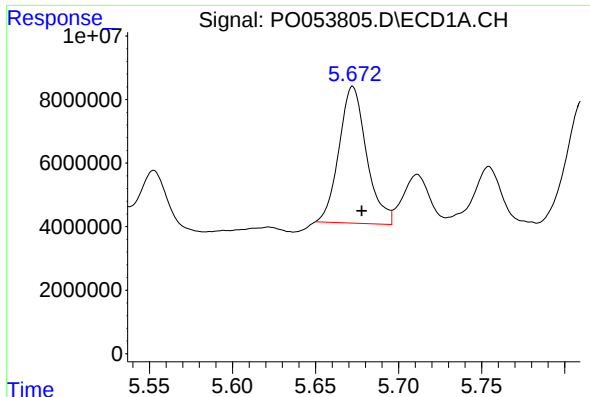
#22 AR-1248-2

R.T.: 5.473 min
Delta R.T.: -0.005 min
Response: 40967669
Conc: 786.31 ng/ml



#22 AR-1248-2

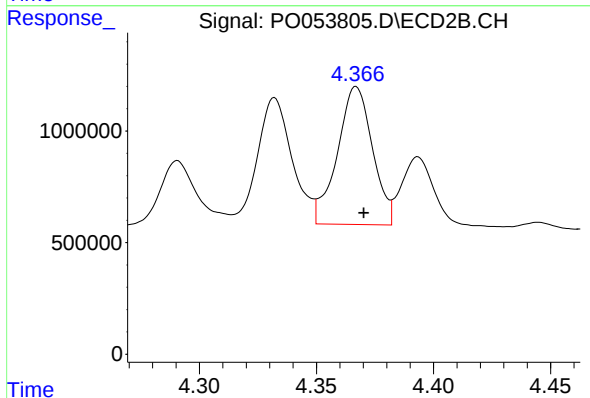
R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 5784703
Conc: 735.20 ng/ml



#23 AR-1248-3

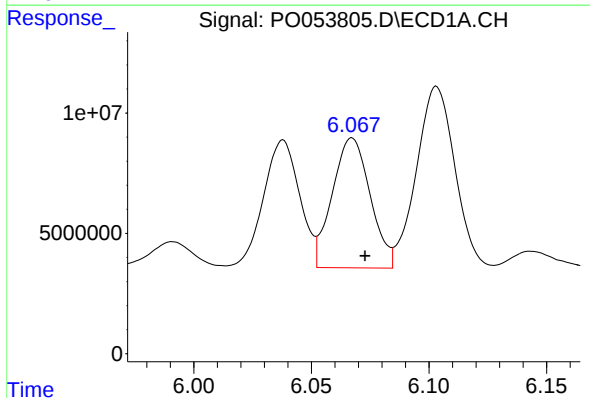
R.T.: 5.672 min
Delta R.T.: -0.005 min
Response: 49550017
Conc: 811.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



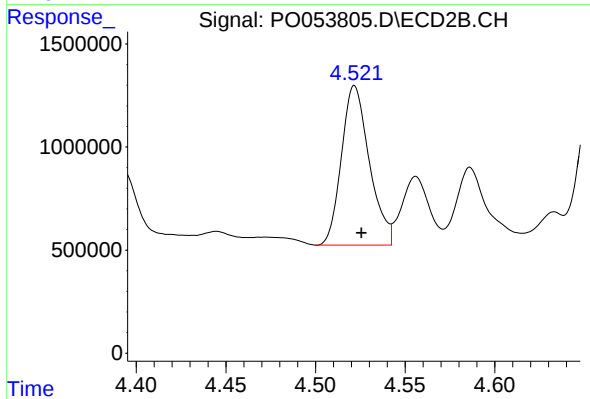
#23 AR-1248-3

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 6464860
Conc: 793.58 ng/ml



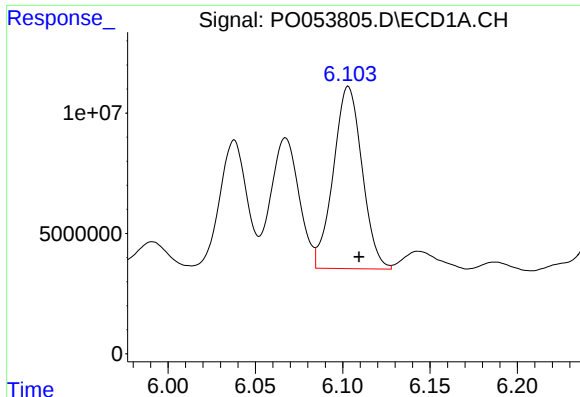
#24 AR-1248-4

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 60674624
Conc: 953.01 ng/ml



#24 AR-1248-4

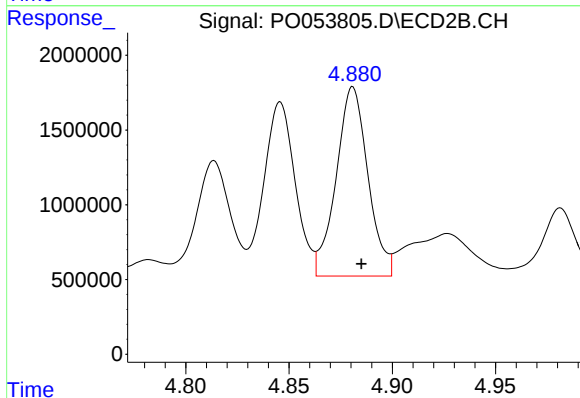
R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 8383999
Conc: 794.40 ng/ml



#25 AR-1248-5

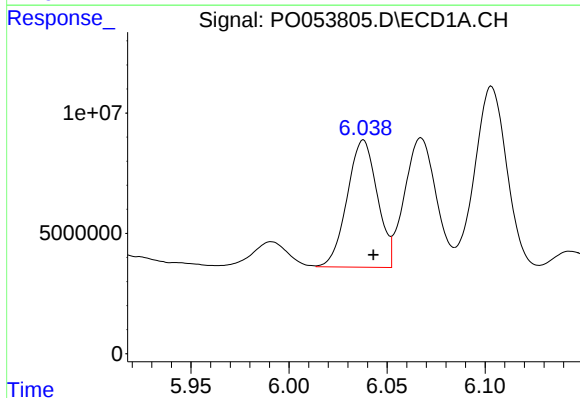
R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 86833445
Conc: 1438.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



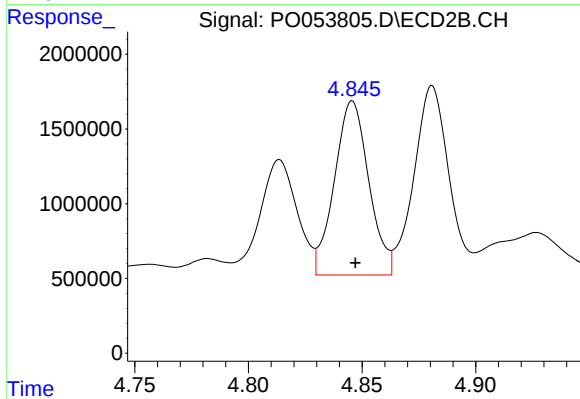
#25 AR-1248-5

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 13562084
Conc: 1247.85 ng/ml



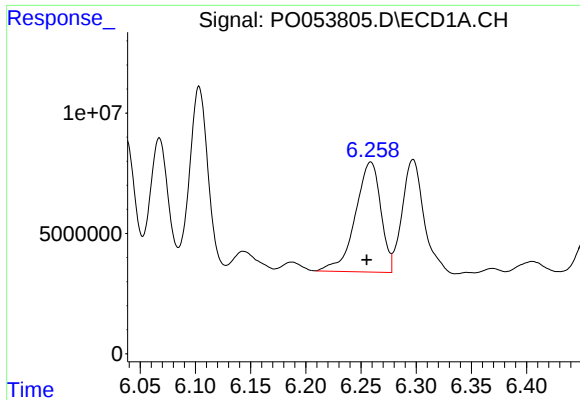
#26 AR-1254-1

R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 56466549
Conc: 354.34 ng/ml



#26 AR-1254-1

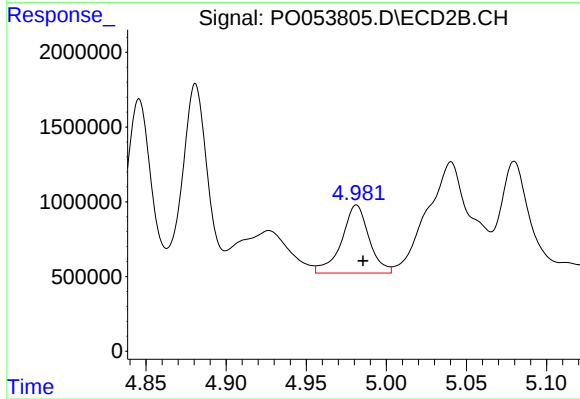
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 12276929
Conc: 300.19 ng/ml



#27 AR-1254-2

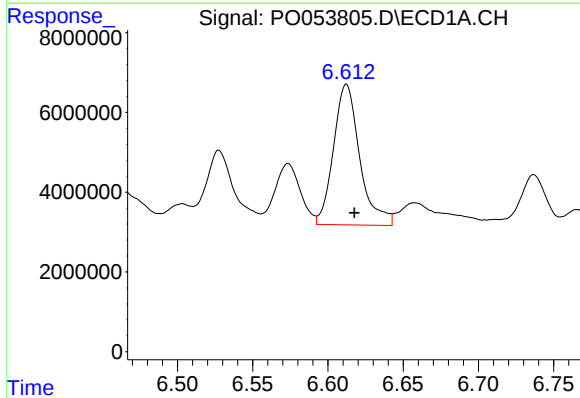
R.T.: 6.259 min
Delta R.T.: 0.004 min
Response: 73395104
Conc: 299.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



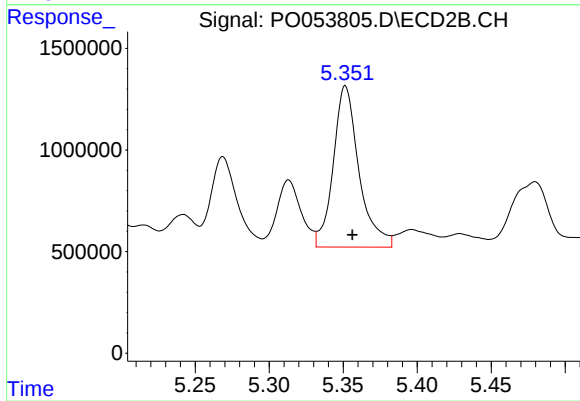
#27 AR-1254-2

R.T.: 4.981 min
Delta R.T.: -0.004 min
Response: 5427673
Conc: 158.41 ng/ml



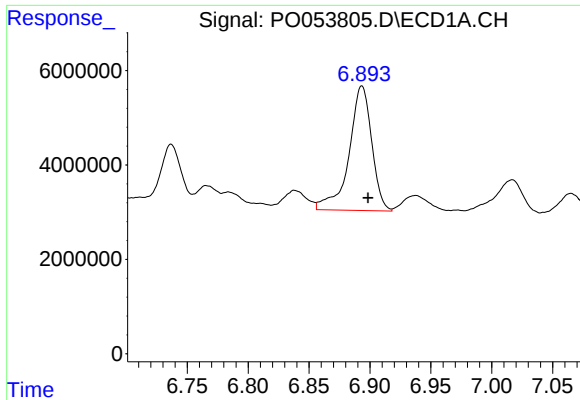
#28 AR-1254-3

R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 42846625
Conc: 172.08 ng/ml



#28 AR-1254-3

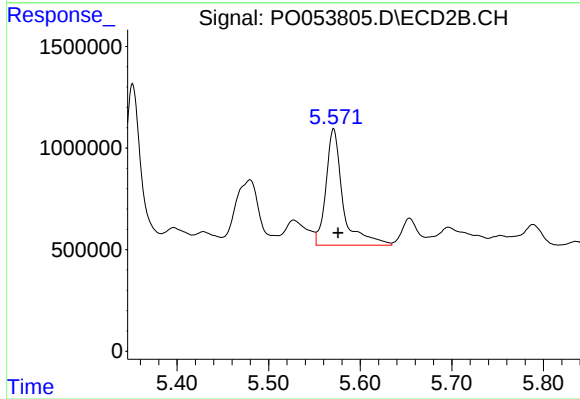
R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 9595269
Conc: 173.76 ng/ml



#29 AR-1254-4

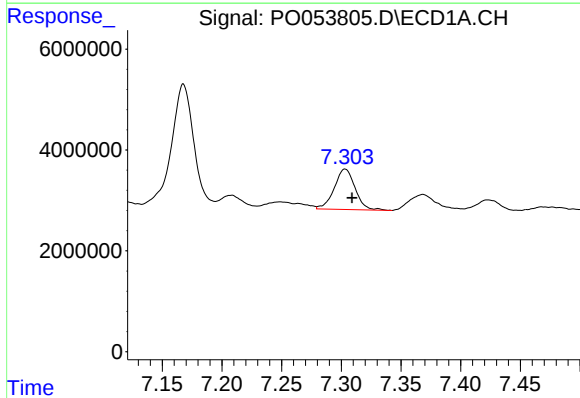
R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 34303579
Conc: 189.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



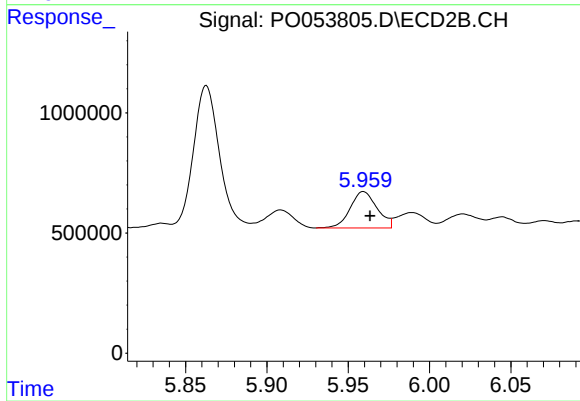
#29 AR-1254-4

R.T.: 5.571 min
Delta R.T.: -0.005 min
Response: 7414157
Conc: 206.73 ng/ml



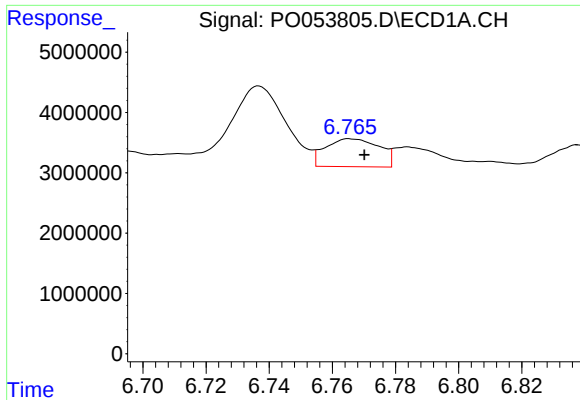
#30 AR-1254-5

R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 9731376
Conc: 56.36 ng/ml



#30 AR-1254-5

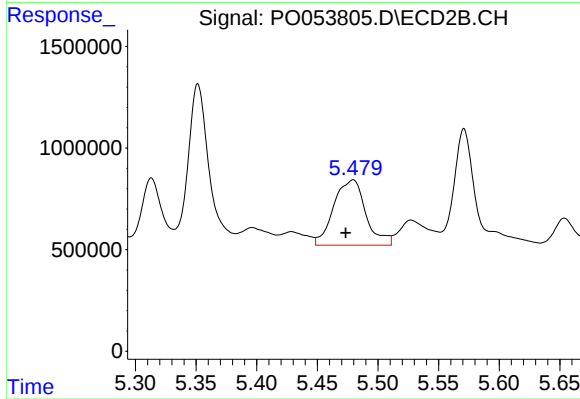
R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 1741172
Conc: 43.11 ng/ml



#31 AR-1260-1

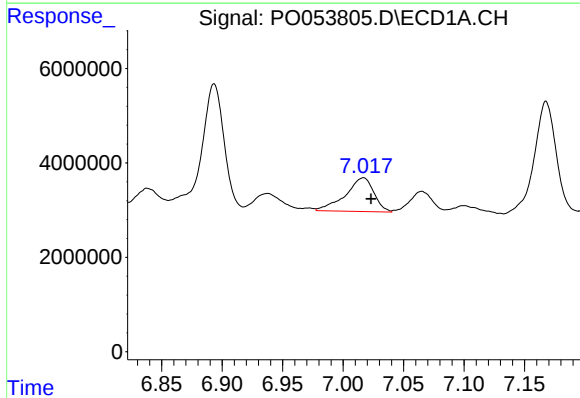
R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 5472060
Conc: 82.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



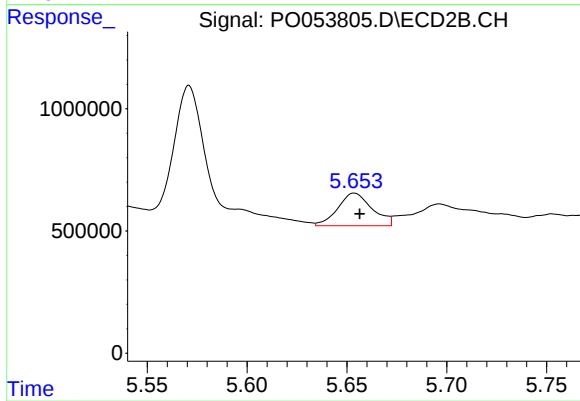
#31 AR-1260-1

R.T.: 5.480 min
Delta R.T.: 0.006 min
Response: 5918832
Conc: 375.59 ng/ml



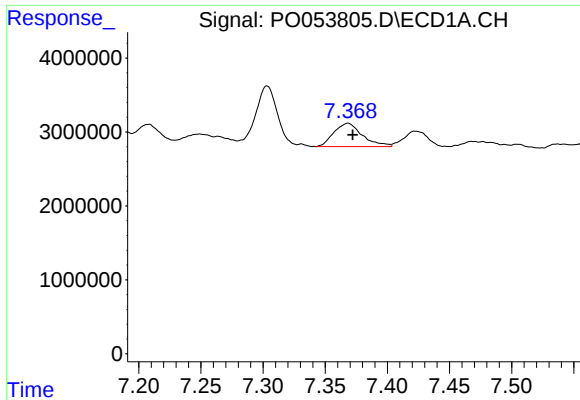
#32 AR-1260-2

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 11690860
Conc: 139.39 ng/ml



#32 AR-1260-2

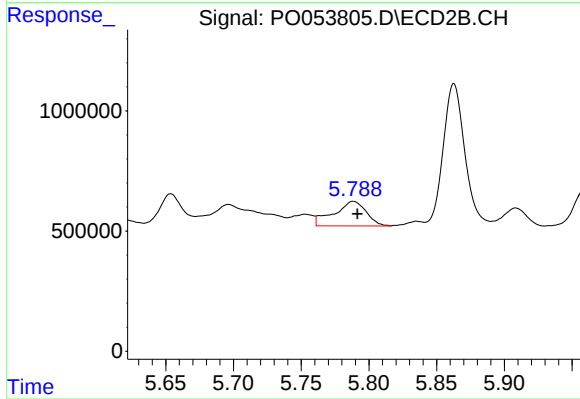
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 1596995
Conc: 84.12 ng/ml



#33 AR-1260-3

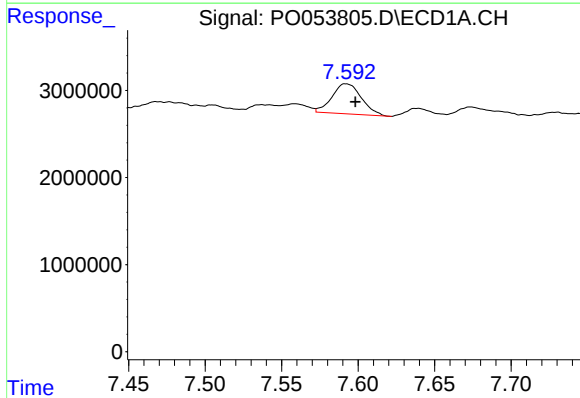
R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 5087277
Conc: 97.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



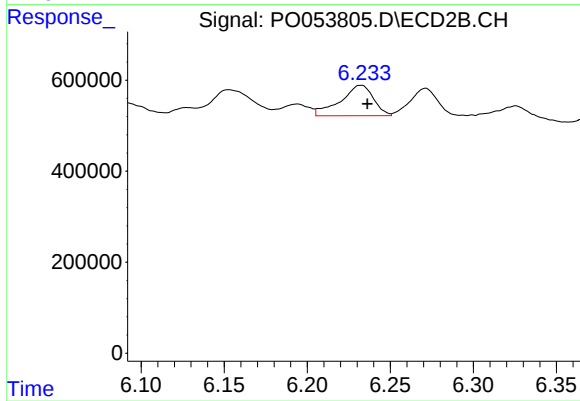
#33 AR-1260-3

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 1701780
Conc: 97.39 ng/ml



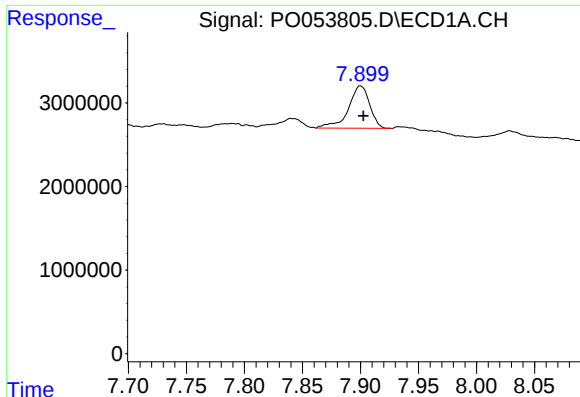
#34 AR-1260-4

R.T.: 7.592 min
Delta R.T.: -0.006 min
Response: 4640589
Conc: 84.76 ng/ml



#34 AR-1260-4

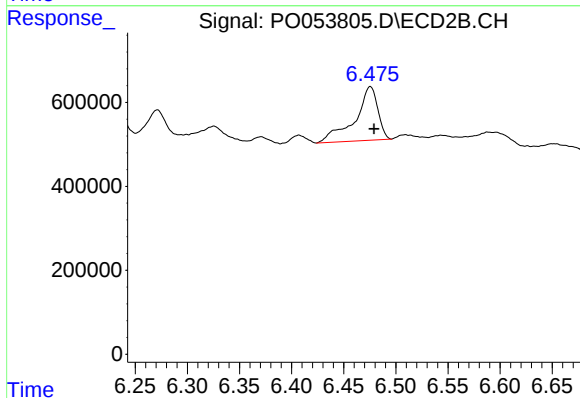
R.T.: 6.232 min
Delta R.T.: -0.004 min
Response: 924787
Conc: 79.89 ng/ml



#35 AR-1260-5

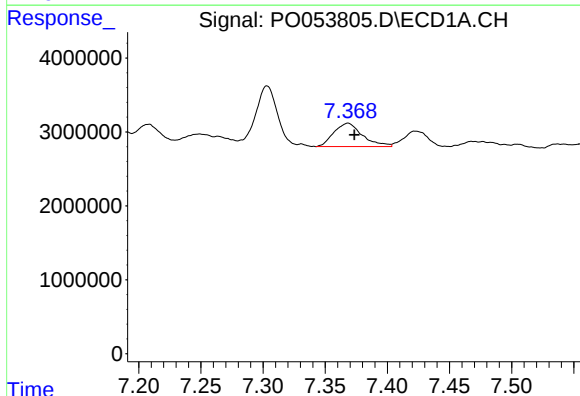
R.T.: 7.900 min
Delta R.T.: -0.003 min
Response: 6449115
Conc: 54.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



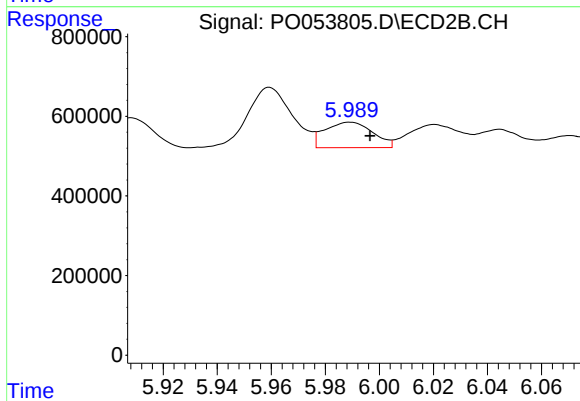
#35 AR-1260-5

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 1955885
Conc: 66.58 ng/ml



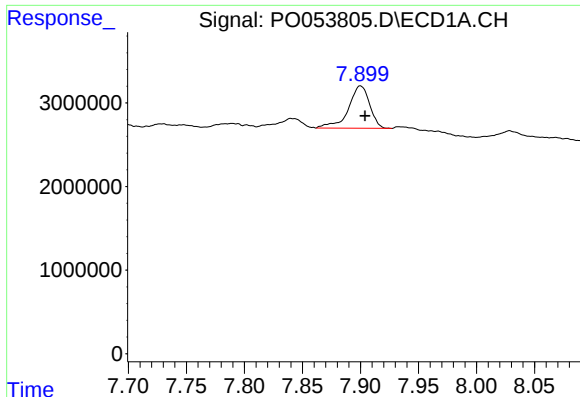
#36 AR-1262-1

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 5087277
Conc: 55.54 ng/ml



#36 AR-1262-1

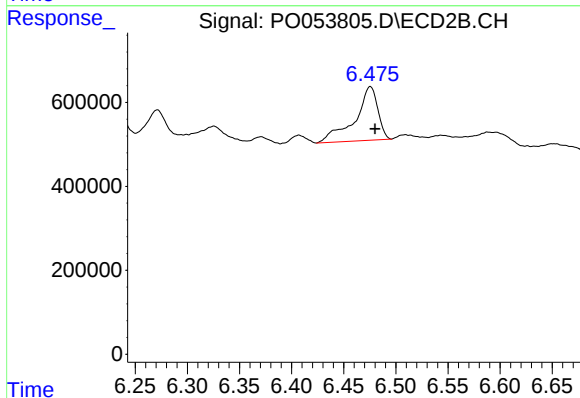
R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 786930
Conc: 38.62 ng/ml



#37 AR-1262-2

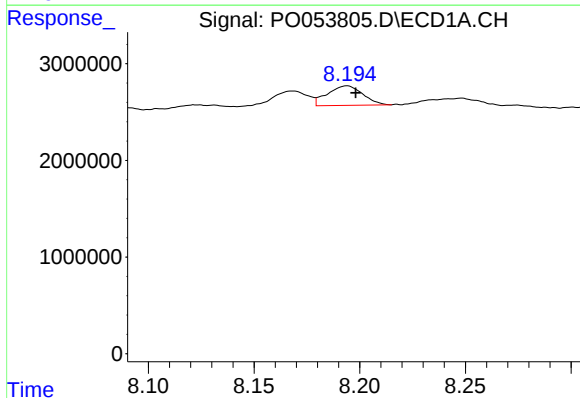
R.T.: 7.900 min
Delta R.T.: -0.004 min
Response: 6449115
Conc: 41.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



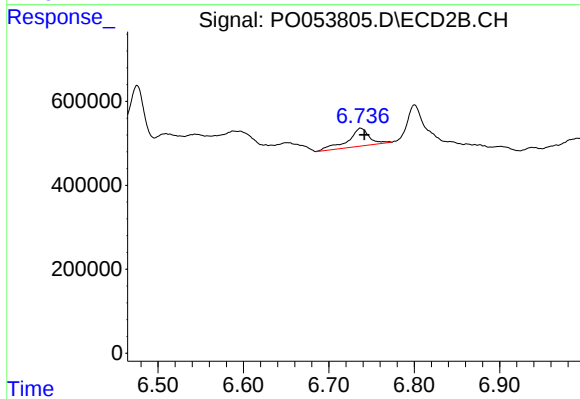
#37 AR-1262-2

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 1955885
Conc: 55.13 ng/ml



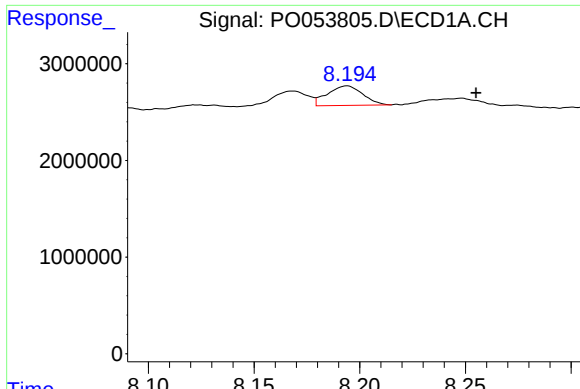
#38 AR-1262-3

R.T.: 8.194 min
Delta R.T.: -0.004 min
Response: 2344629
Conc: 73.32 ng/ml



#38 AR-1262-3

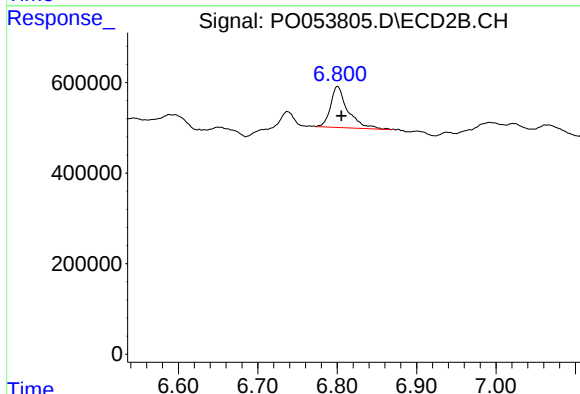
R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 744244
Conc: 54.39 ng/ml



#39 AR-1262-4

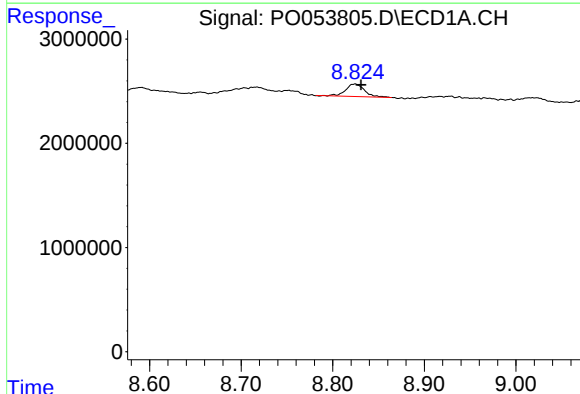
R.T.: 8.194 min
Delta R.T.: -0.061 min
Response: 2344629
Conc: 29.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



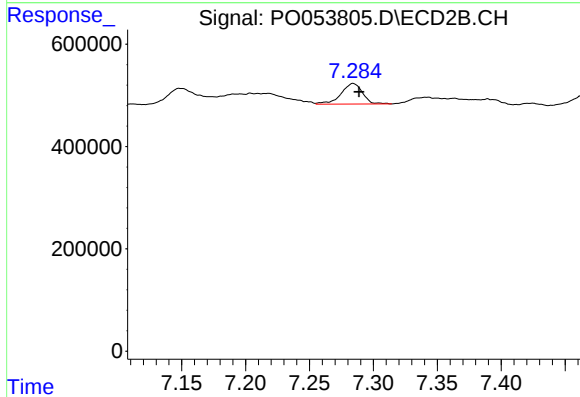
#39 AR-1262-4

R.T.: 6.800 min
Delta R.T.: -0.005 min
Response: 1372529
Conc: 52.89 ng/ml



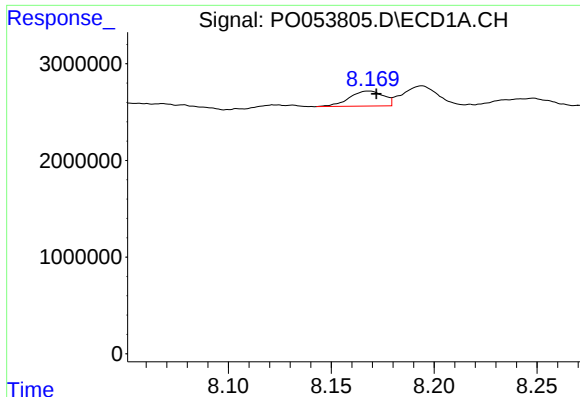
#40 AR-1262-5

R.T.: 8.824 min
Delta R.T.: -0.007 min
Response: 1739416
Conc: 32.33 ng/ml



#40 AR-1262-5

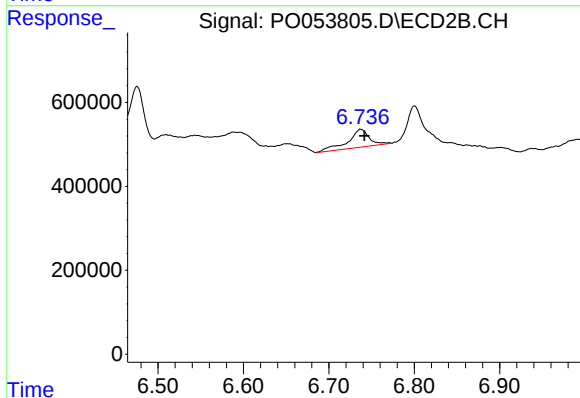
R.T.: 7.284 min
Delta R.T.: -0.005 min
Response: 470787
Conc: 39.62 ng/ml



#41 AR-1268-1

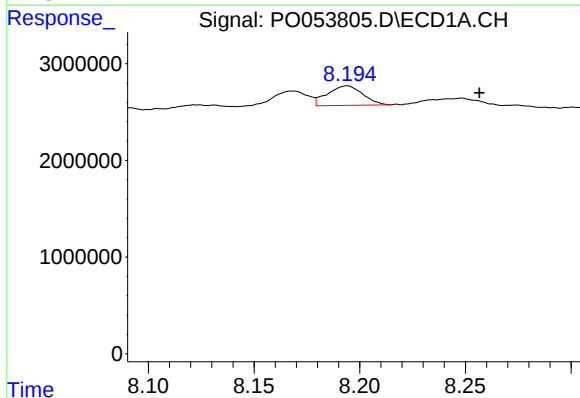
R.T.: 8.168 min
Delta R.T.: -0.004 min
Response: 1789457
Conc: 9.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



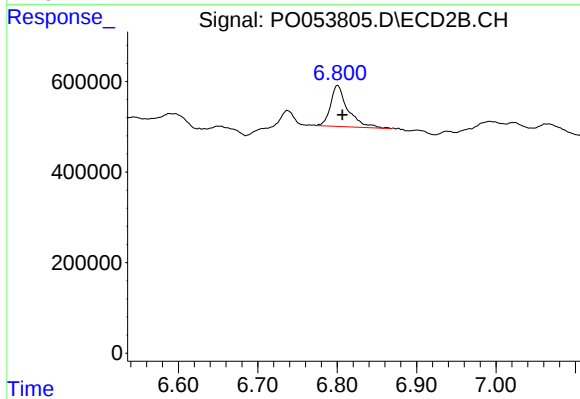
#41 AR-1268-1

R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 744244
Conc: 18.11 ng/ml



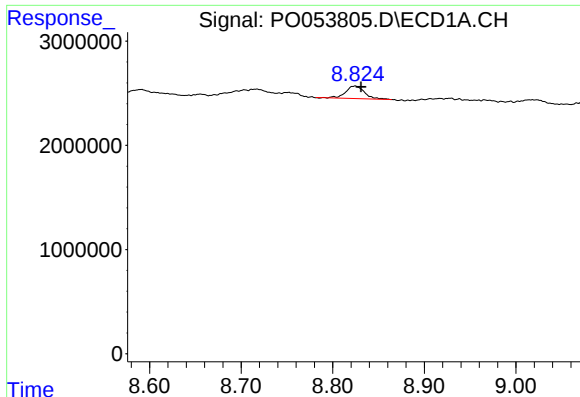
#42 AR-1268-2

R.T.: 8.194 min
Delta R.T.: -0.063 min
Response: 2344629
Conc: 13.06 ng/ml



#42 AR-1268-2

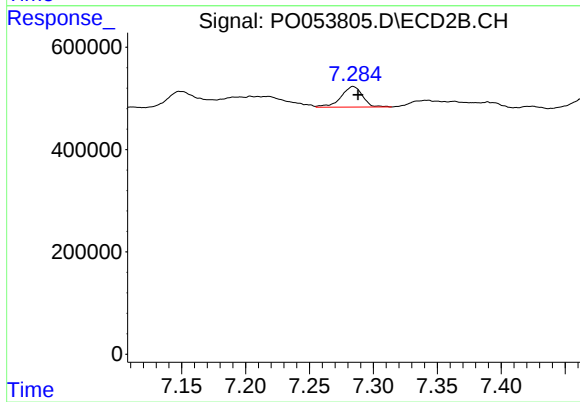
R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 1372529
Conc: 35.32 ng/ml



#44 AR-1268-4

R.T.: 8.824 min
Delta R.T.: -0.006 min
Response: 1739416
Conc: 28.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
EFFLUENT-2



#44 AR-1268-4

R.T.: 7.284 min
Delta R.T.: -0.004 min
Response: 470787
Conc: 35.22 ng/ml