

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071919\
 Data File : P0058120.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 22:50
 Operator : SM/AJ
 Sample : K3889-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S3-04-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:52:16 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...	4.196	3.539	891547	783027	26.310	24.413
2)	SA Decachlor...	9.709	8.442	753034	519021	14.719	15.143
Target Compounds							
3)	L1 AR-1016-1	5.371	4.537	41582	16411	26.944	13.731 #
4)	L1 AR-1016-2	5.371	0.000	41582	0	18.409	N.D. #
5)	L1 AR-1016-3	5.434	4.790	13487	23797	9.530	25.350 #
6)	L1 AR-1016-4	5.530	4.832	12315	36458	10.813	46.832 #
7)	L1 AR-1016-5	5.823	5.042	54864	28664	47.829	27.959 #
10)	L2 AR-1221-3	0.000	3.968	0	32675	N.D.	38.571 #
11)	L3 AR-1232-1	0.000	3.968	0	32675	N.D.	46.351 #
12)	L3 AR-1232-2	5.032	0.000	10885	0	23.535	N.D. #
13)	L3 AR-1232-3	5.371	4.790	41582	23797	41.750	57.823 #
14)	L3 AR-1232-4	5.530	4.900	12315	22308	24.696	60.784 #
15)	L3 AR-1232-5	5.621	5.042	58403	28664	154.888	69.249 #
16)	L4 AR-1242-1	5.371	4.537	41582	16411	33.951	17.220 #
17)	L4 AR-1242-2	5.371	0.000	41582	0	22.647	N.D. #
18)	L4 AR-1242-3	5.434	4.790	13487	23797	11.616	31.038 #
19)	L4 AR-1242-4	5.530	4.900	12315	22308	13.062	29.392 #
20)	L4 AR-1242-5	6.261	5.386	100323	152401	86.636	159.940 #
21)	L5 AR-1248-1	5.371	4.537	41582	16411	44.480	22.346 #
22)	L5 AR-1248-2	5.621	4.832	58403	36458	43.344	35.778
23)	L5 AR-1248-3	5.823	4.900	54864	22308	35.390	21.222 #
24)	L5 AR-1248-4	6.223	5.042	358196	28664	182.955	22.261 #
25)	L5 AR-1248-5	6.261	5.386	100323	152401	52.640	120.553 #
26)	L6 AR-1254-1	6.194	5.386	163293	152401	83.093	74.800
27)	L6 AR-1254-2	6.412	5.532	804312	195596	246.039	107.938 #
28)	L6 AR-1254-3	6.775	5.931	795288	642087	225.435	219.259
29)	L6 AR-1254-4	7.057	6.157	478326	251698	161.661	136.227
30)	L6 AR-1254-5	7.472	6.568	845307	869671	287.985	319.910
31)	L7 AR-1260-1	6.932	6.057	467215	259925	186.802	128.346 #
32)	L7 AR-1260-2	7.188	6.245	1029948	378177	292.943	147.058 #
33)	L7 AR-1260-3	7.536	6.395	238911	281347	81.368	123.359 #
34)	L7 AR-1260-4	7.762	6.860	323580	74306	118.452	38.376 #
35)	L7 AR-1260-5	8.074	7.103	194711	166298	33.563	36.132
36)	L8 AR-1262-1	7.536	6.595	238911	571273	43.243	143.823 #
37)	L8 AR-1262-2	8.074	7.103	194711	166298	22.897	25.746
38)	L8 AR-1262-3	8.378	7.379	137856	31720	24.490	11.508 #
39)	L8 AR-1262-4	8.424	7.444	57403	160332	12.582	33.579 #
40)	L8 AR-1262-5	9.047	7.937	34175	32681	12.300	16.432 #
41)	L9 AR-1268-1	8.378	7.379	137856	31720	13.406	4.063 #
42)	L9 AR-1268-2	8.424	7.444	57403	160332	6.267	22.503 #
44)	L9 AR-1268-4	9.047	7.937	34175	32681	11.533	15.623 #

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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
45) L9	AR-1268-5	9.413	8.210	34410	38832	1.580	2.329 #

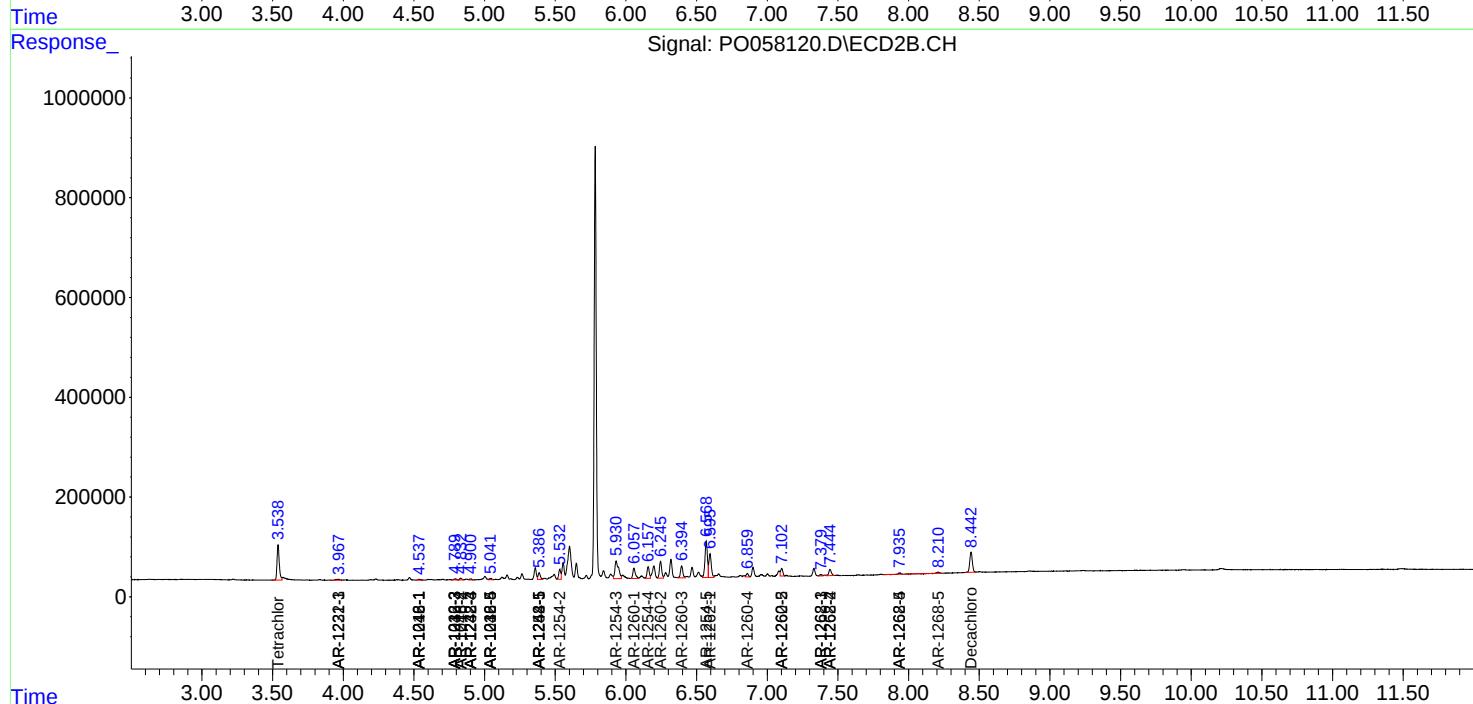
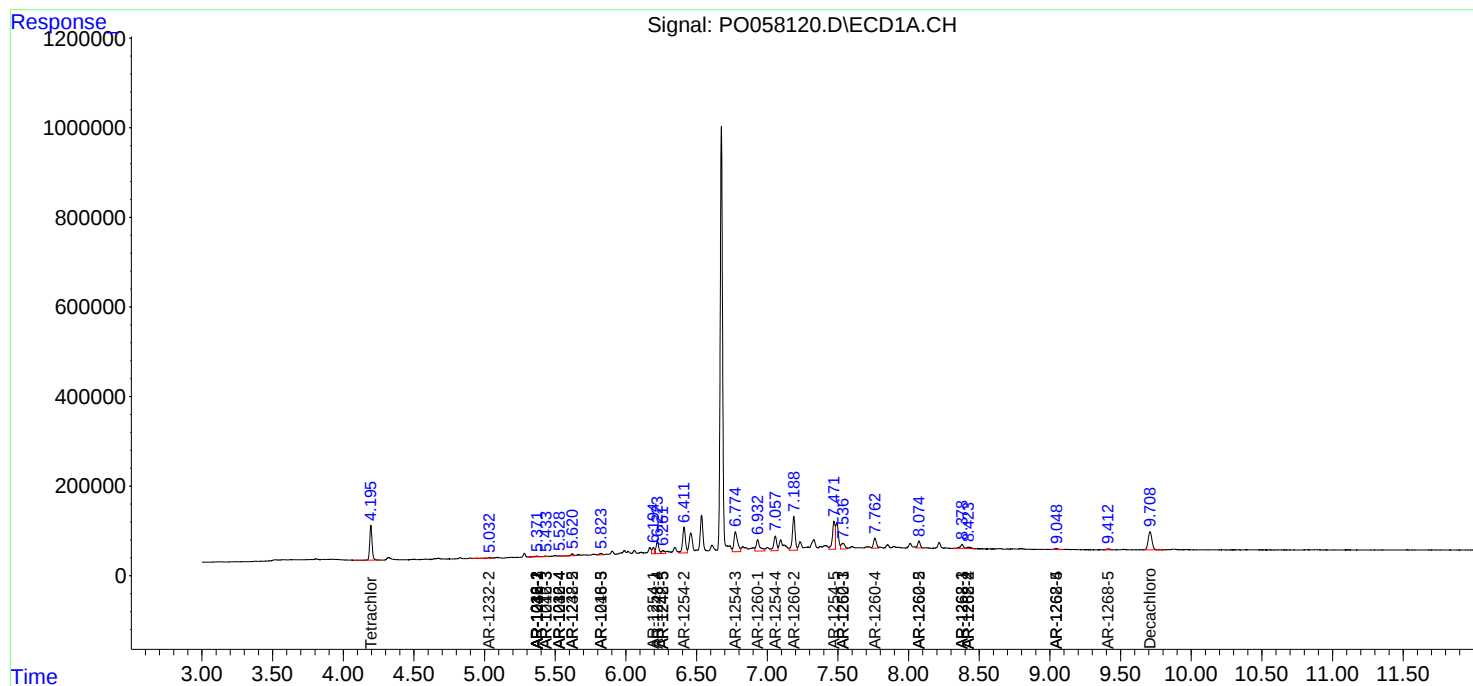
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

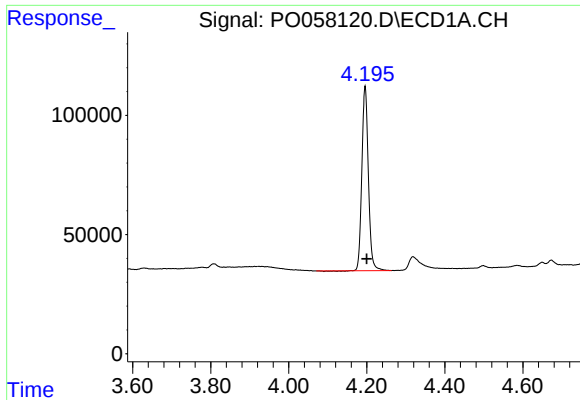
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071919\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

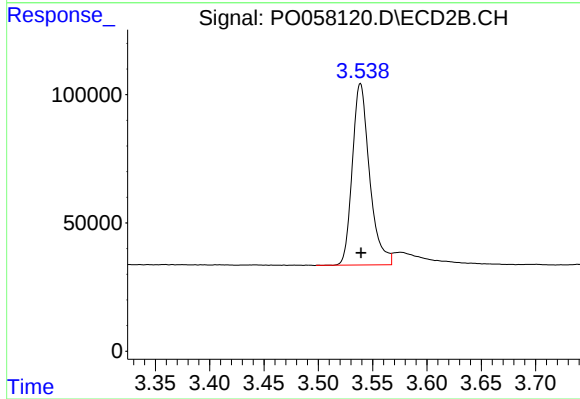




#1 Tetrachloro-m-xylene

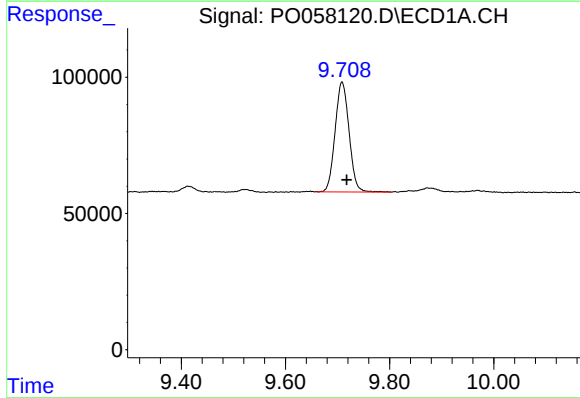
R.T.: 4.196 min
Delta R.T.: -0.004 min
Response: 891547
Conc: 26.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



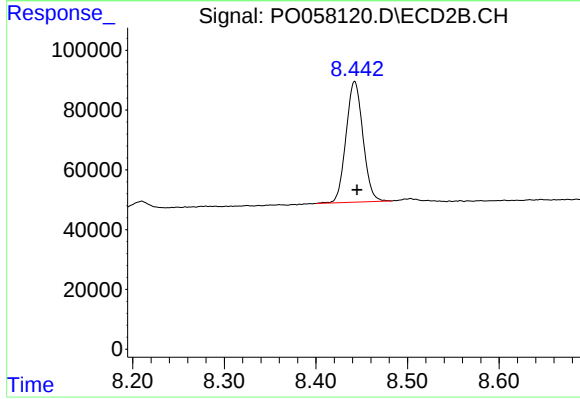
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 783027
Conc: 24.41 ng/ml



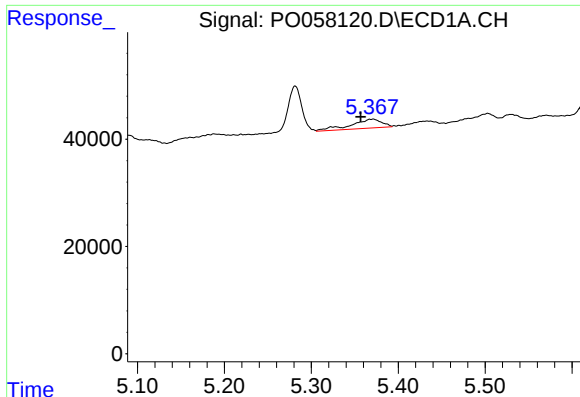
#2 Decachlorobiphenyl

R.T.: 9.709 min
Delta R.T.: -0.009 min
Response: 753034
Conc: 14.72 ng/ml



#2 Decachlorobiphenyl

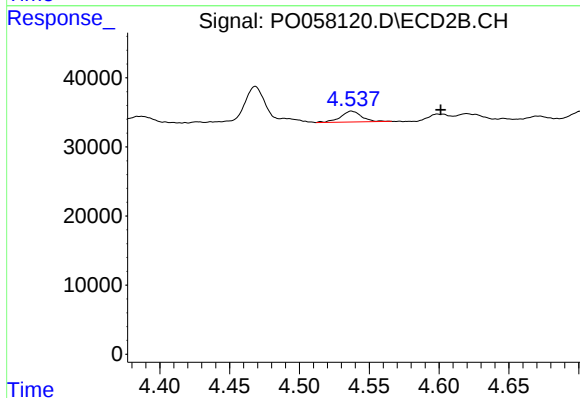
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 519021
Conc: 15.14 ng/ml



#3 AR-1016-1

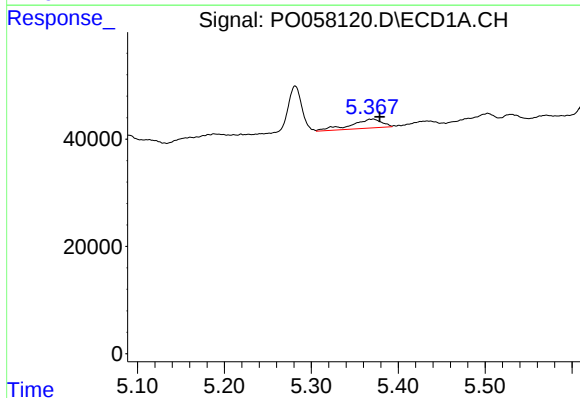
R.T.: 5.371 min
Delta R.T.: 0.014 min
Response: 41582
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



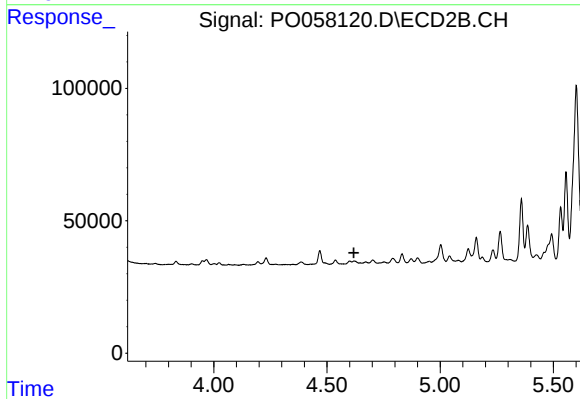
#3 AR-1016-1

R.T.: 4.537 min
Delta R.T.: -0.064 min
Response: 16411
Conc: 13.73 ng/ml



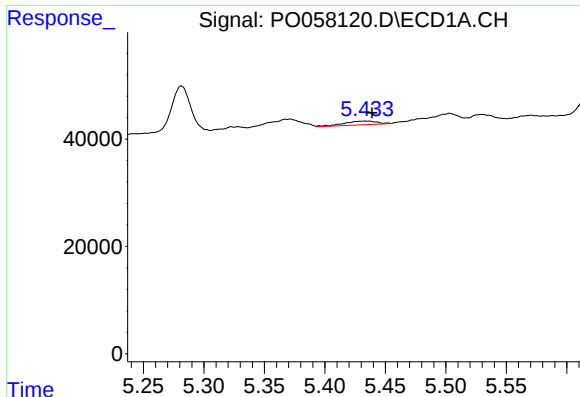
#4 AR-1016-2

R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 41582
Conc: 18.41 ng/ml



#4 AR-1016-2

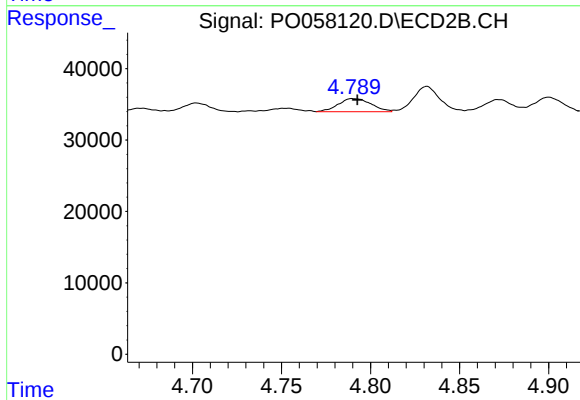
R.T.: 0.000 min
Exp R.T.: 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

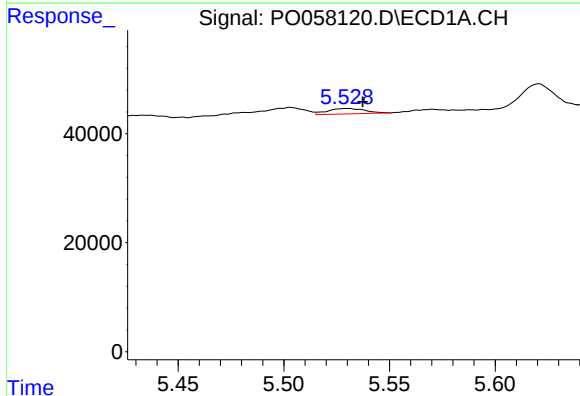
R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 13487
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



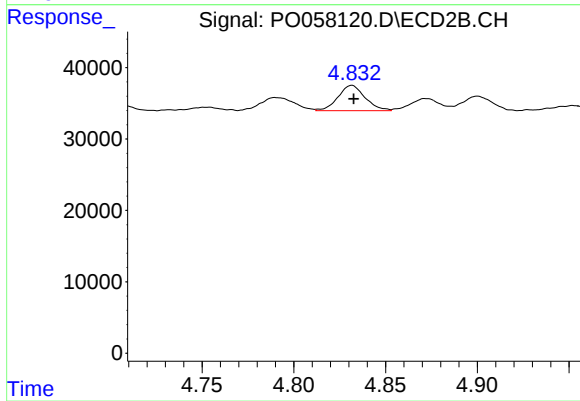
#5 AR-1016-3

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 23797
Conc: 25.35 ng/ml



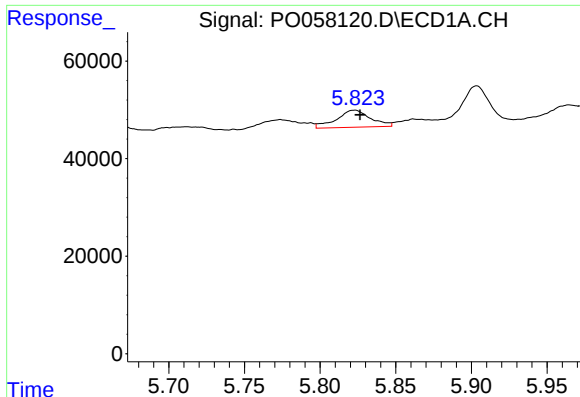
#6 AR-1016-4

R.T.: 5.530 min
Delta R.T.: -0.007 min
Response: 12315
Conc: 10.81 ng/ml



#6 AR-1016-4

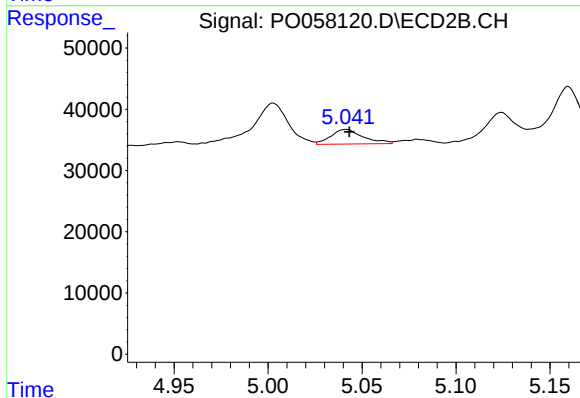
R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 36458
Conc: 46.83 ng/ml



#7 AR-1016-5

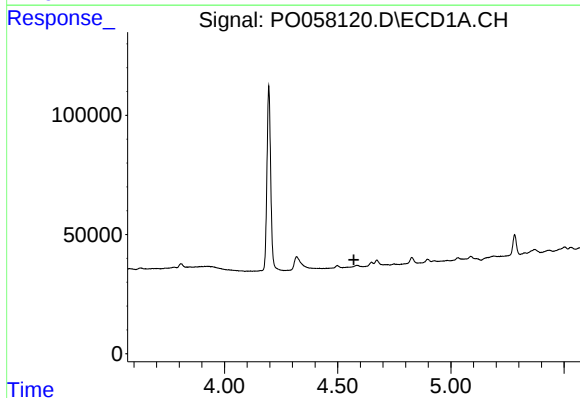
R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 54864
Conc: 47.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



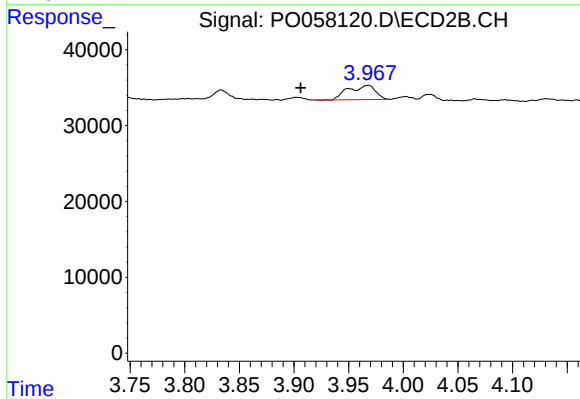
#7 AR-1016-5

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 28664
Conc: 27.96 ng/ml



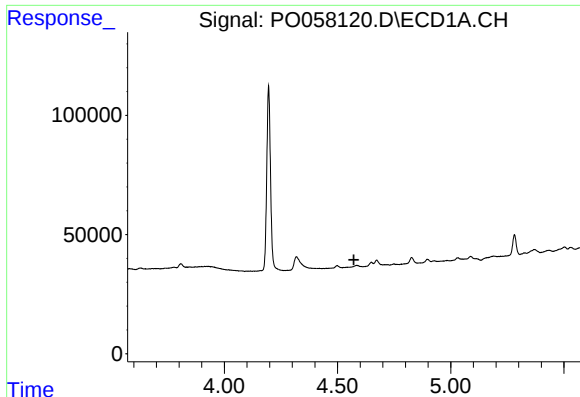
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



#10 AR-1221-3

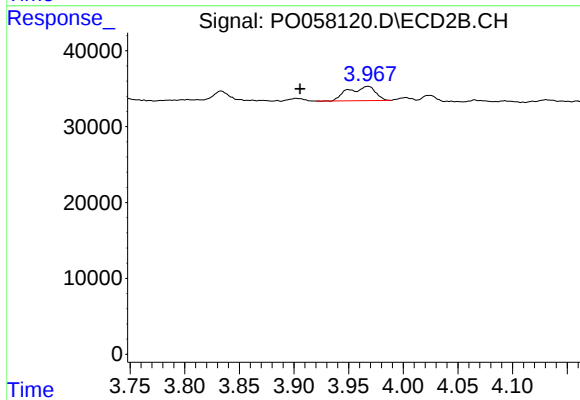
R.T.: 3.968 min
Delta R.T.: 0.062 min
Response: 32675
Conc: 38.57 ng/ml



#11 AR-1232-1

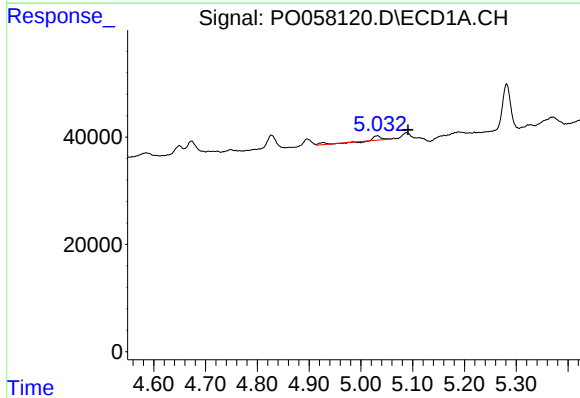
R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S3-04-S



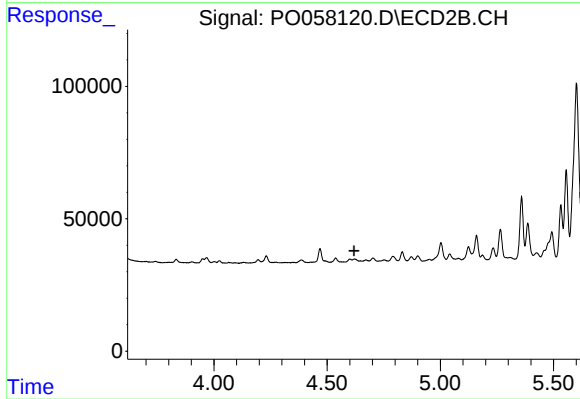
#11 AR-1232-1

R.T.: 3.968 min
Delta R.T.: 0.062 min
Response: 32675
Conc: 46.35 ng/ml



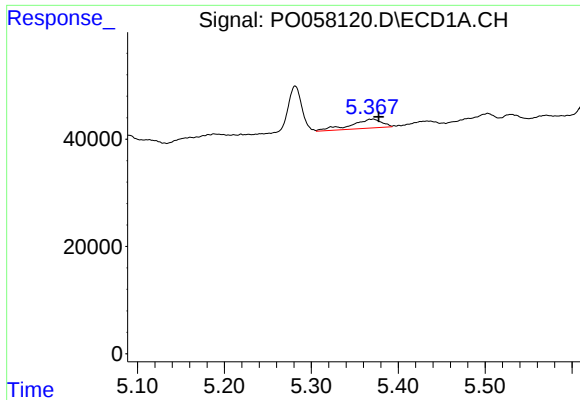
#12 AR-1232-2

R.T.: 5.032 min
Delta R.T.: -0.059 min
Response: 10885
Conc: 23.54 ng/ml



#12 AR-1232-2

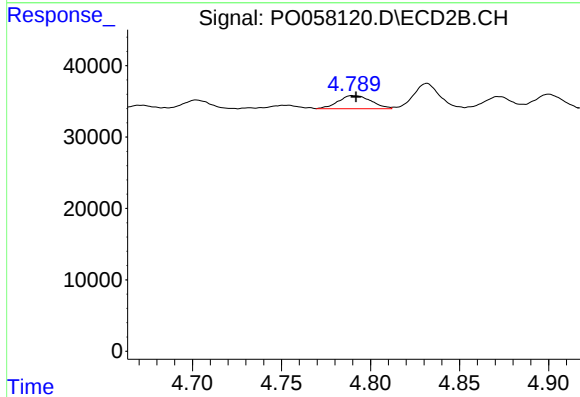
R.T.: 0.000 min
Exp R.T.: 4.619 min
Response: 0
Conc: N.D.



#13 AR-1232-3

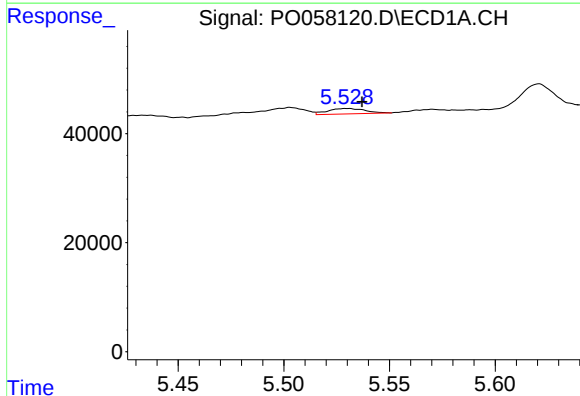
R.T.: 5.371 min
Delta R.T.: -0.006 min
Response: 41582
Conc: 41.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



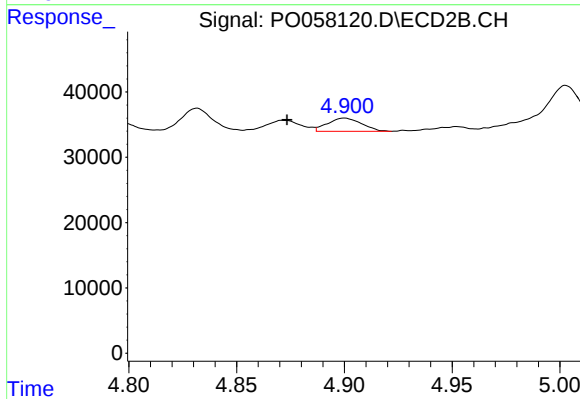
#13 AR-1232-3

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 23797
Conc: 57.82 ng/ml



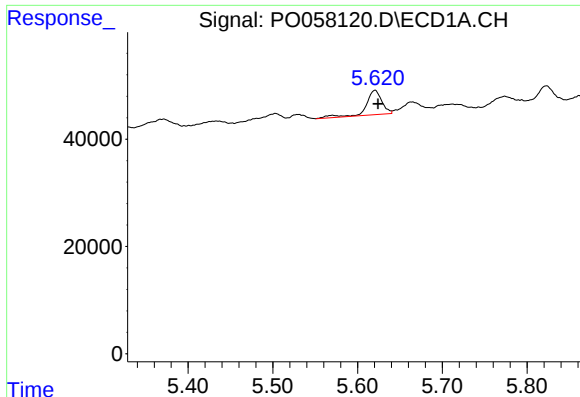
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: -0.007 min
Response: 12315
Conc: 24.70 ng/ml



#14 AR-1232-4

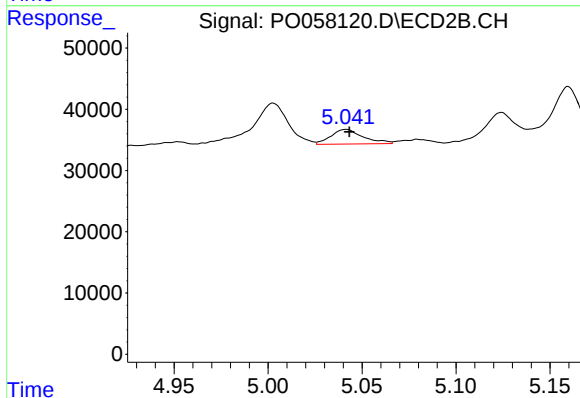
R.T.: 4.900 min
Delta R.T.: 0.027 min
Response: 22308
Conc: 60.78 ng/ml



#15 AR-1232-5

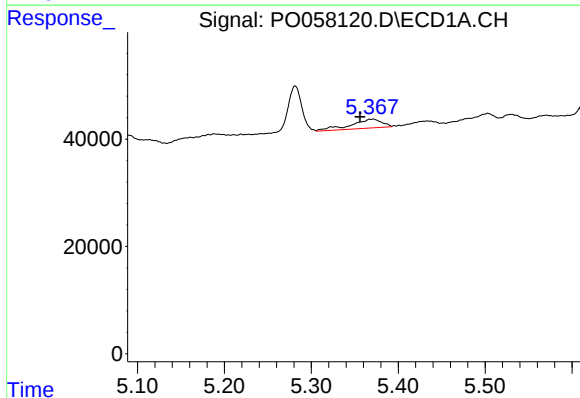
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 58403
Conc: 154.89 ng/ml

Instrument :
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ClientSampleId :
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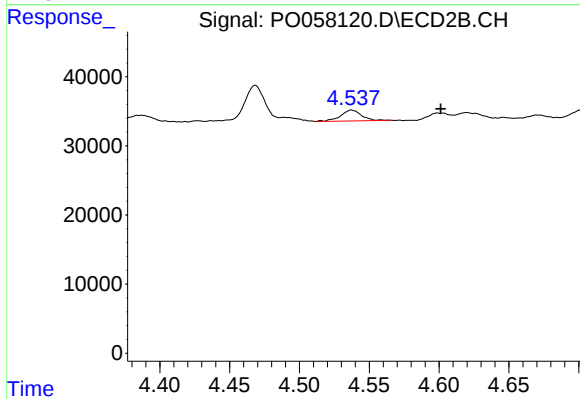
#15 AR-1232-5

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 28664
Conc: 69.25 ng/ml



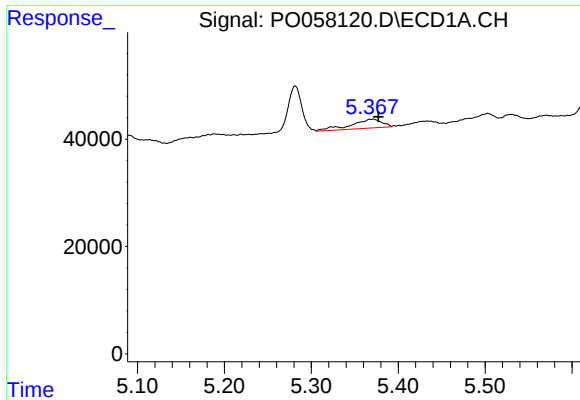
#16 AR-1242-1

R.T.: 5.371 min
Delta R.T.: 0.015 min
Response: 41582
Conc: 33.95 ng/ml



#16 AR-1242-1

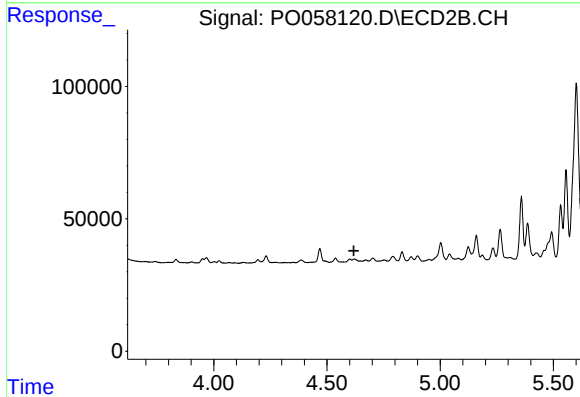
R.T.: 4.537 min
Delta R.T.: -0.064 min
Response: 16411
Conc: 17.22 ng/ml



#17 AR-1242-2

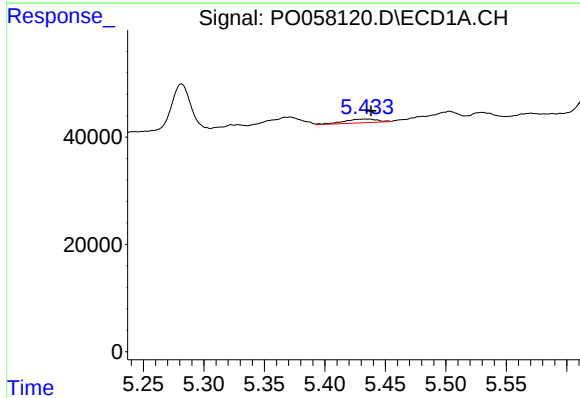
R.T.: 5.371 min
Delta R.T.: -0.006 min
Response: 41582
Conc: 22.65 ng/ml

Instrument :
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ClientSampleId :
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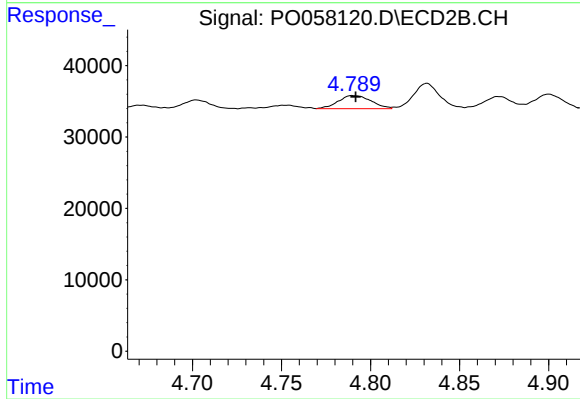
#17 AR-1242-2

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



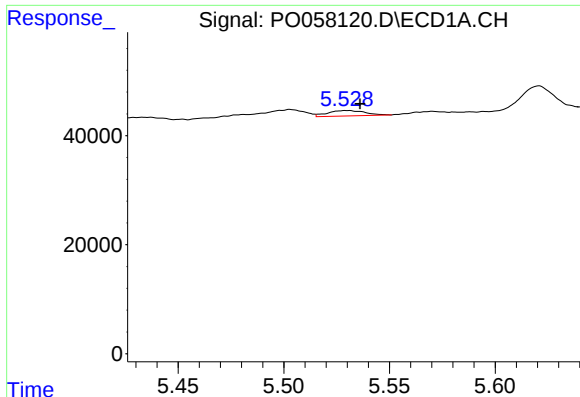
#18 AR-1242-3

R.T.: 5.434 min
Delta R.T.: -0.004 min
Response: 13487
Conc: 11.62 ng/ml



#18 AR-1242-3

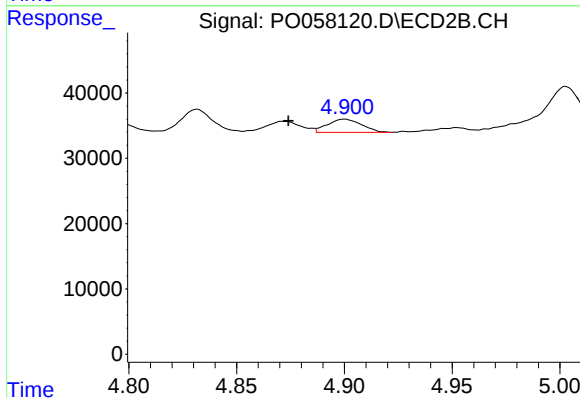
R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 23797
Conc: 31.04 ng/ml



#19 AR-1242-4

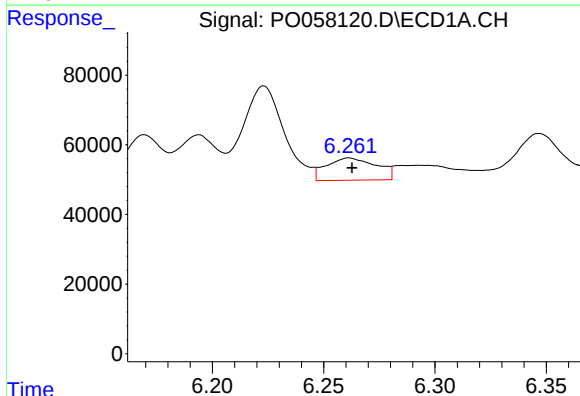
R.T.: 5.530 min
Delta R.T.: -0.006 min
Response: 12315
Conc: 13.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



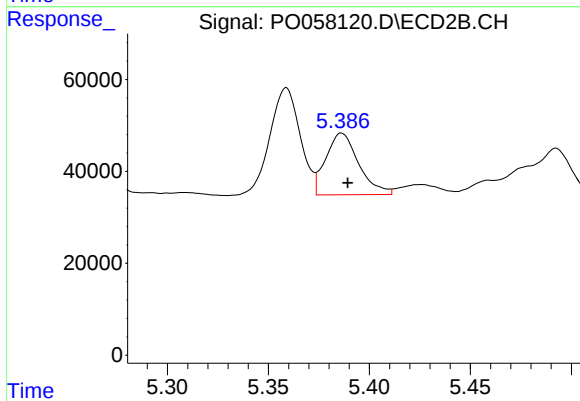
#19 AR-1242-4

R.T.: 4.900 min
Delta R.T.: 0.026 min
Response: 22308
Conc: 29.39 ng/ml



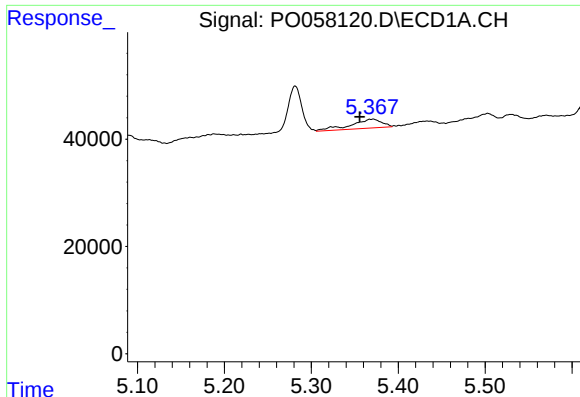
#20 AR-1242-5

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 100323
Conc: 86.64 ng/ml



#20 AR-1242-5

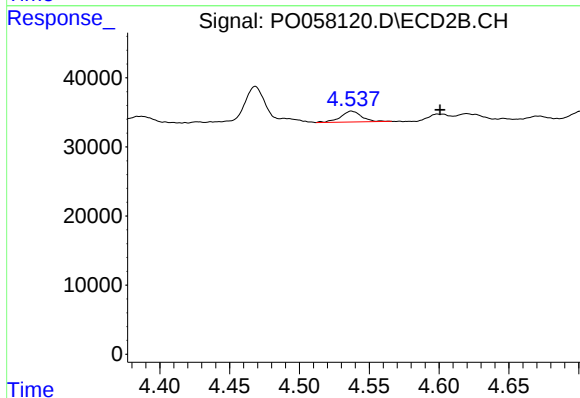
R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 152401
Conc: 159.94 ng/ml



#21 AR-1248-1

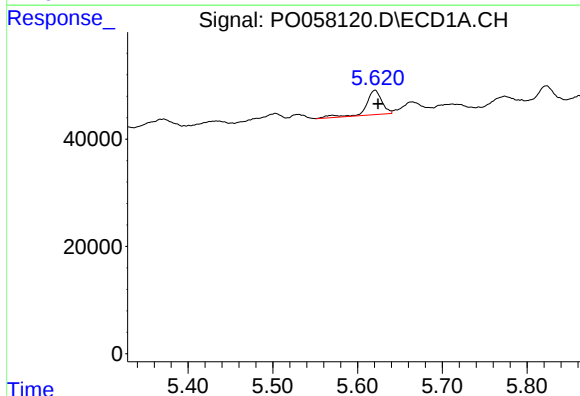
R.T.: 5.371 min
Delta R.T.: 0.015 min
Response: 41582
Conc: 44.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



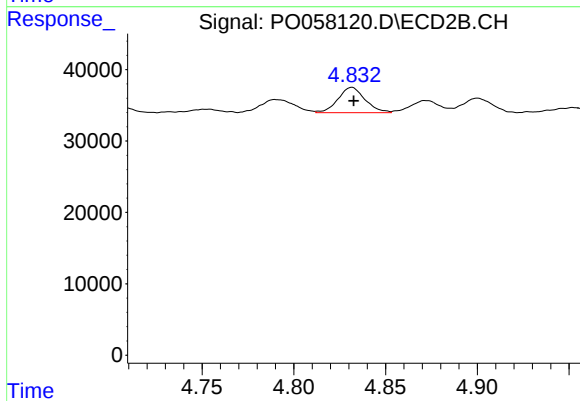
#21 AR-1248-1

R.T.: 4.537 min
Delta R.T.: -0.063 min
Response: 16411
Conc: 22.35 ng/ml



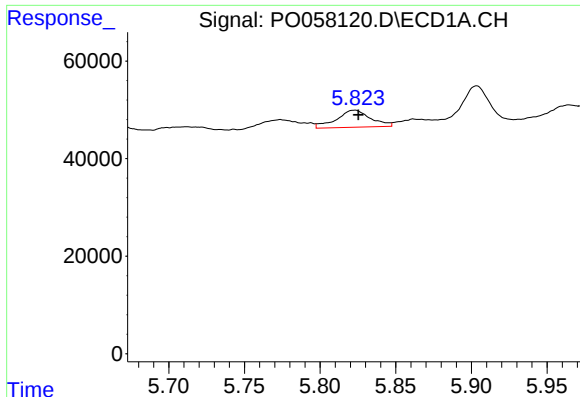
#22 AR-1248-2

R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 58403
Conc: 43.34 ng/ml



#22 AR-1248-2

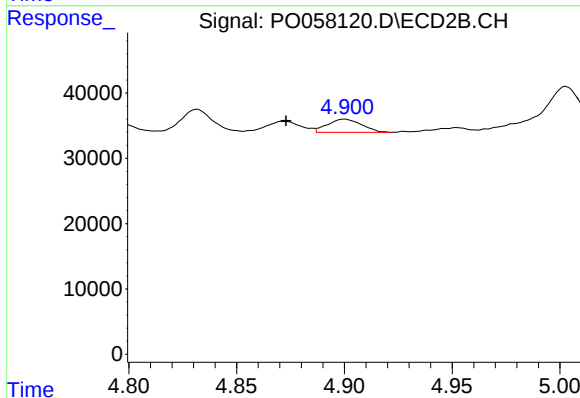
R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 36458
Conc: 35.78 ng/ml



#23 AR-1248-3

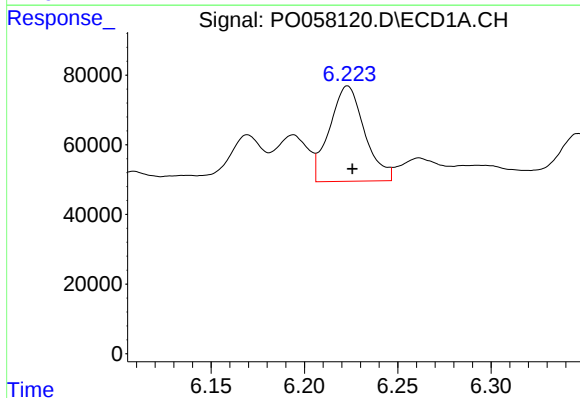
R.T.: 5.823 min
Delta R.T.: -0.003 min
Response: 54864
Conc: 35.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



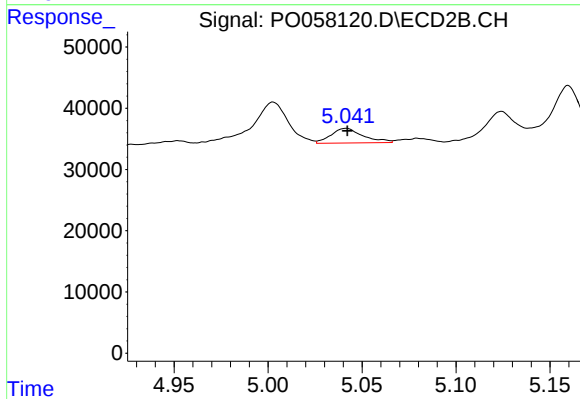
#23 AR-1248-3

R.T.: 4.900 min
Delta R.T.: 0.027 min
Response: 22308
Conc: 21.22 ng/ml



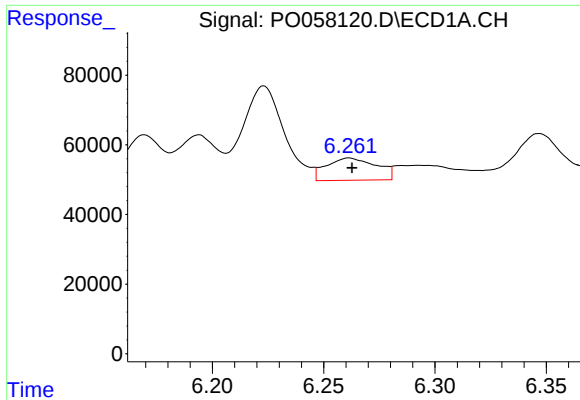
#24 AR-1248-4

R.T.: 6.223 min
Delta R.T.: -0.003 min
Response: 358196
Conc: 182.95 ng/ml



#24 AR-1248-4

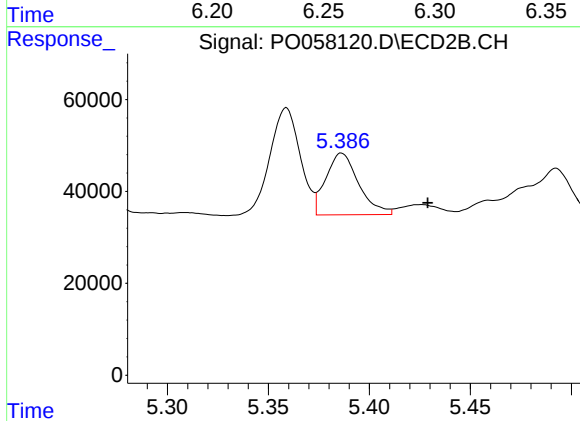
R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 28664
Conc: 22.26 ng/ml



#25 AR-1248-5

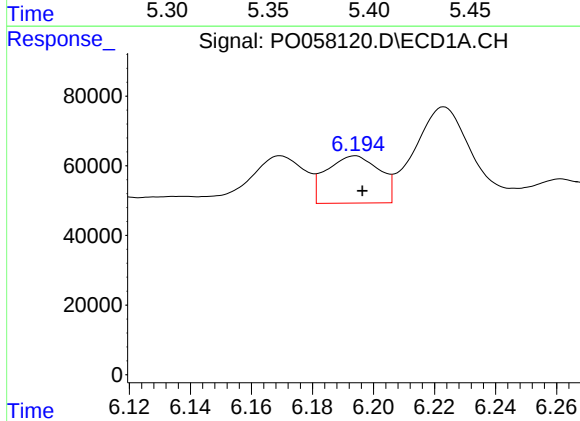
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 100323
Conc: 52.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



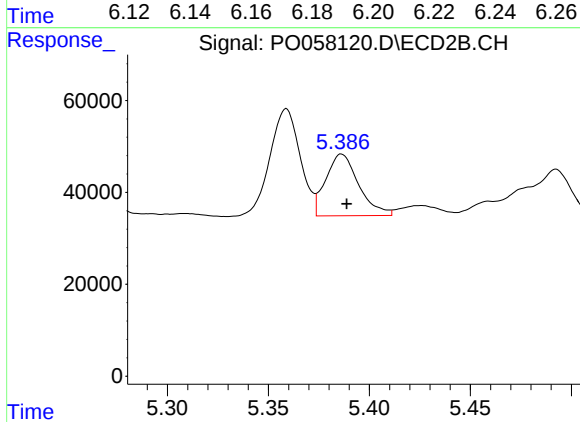
#25 AR-1248-5

R.T.: 5.386 min
Delta R.T.: -0.043 min
Response: 152401
Conc: 120.55 ng/ml



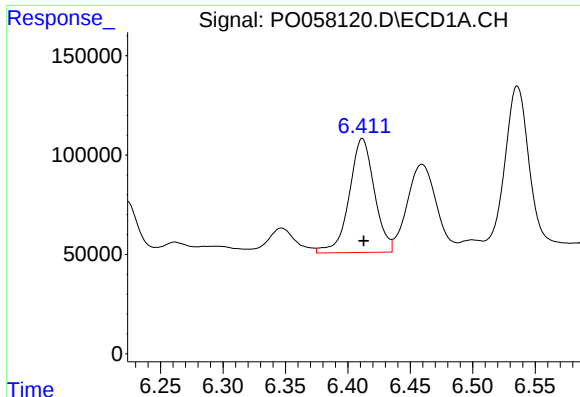
#26 AR-1254-1

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 163293
Conc: 83.09 ng/ml



#26 AR-1254-1

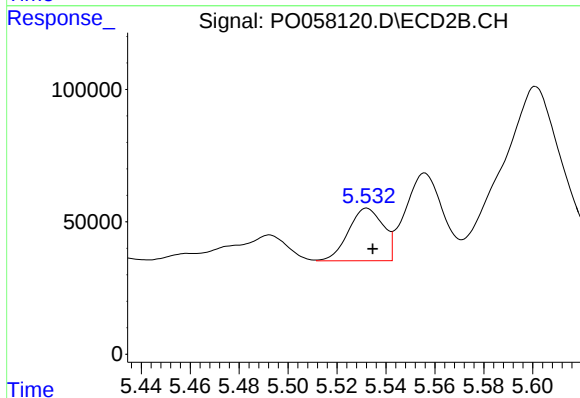
R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 152401
Conc: 74.80 ng/ml



#27 AR-1254-2

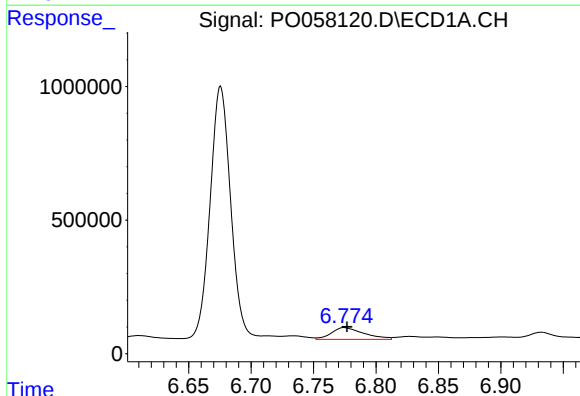
R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 804312
Conc: 246.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



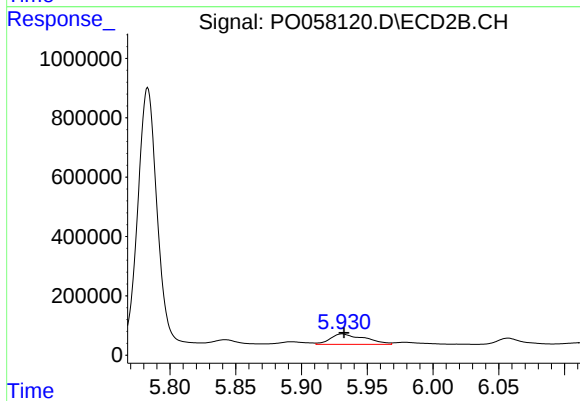
#27 AR-1254-2

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 195596
Conc: 107.94 ng/ml



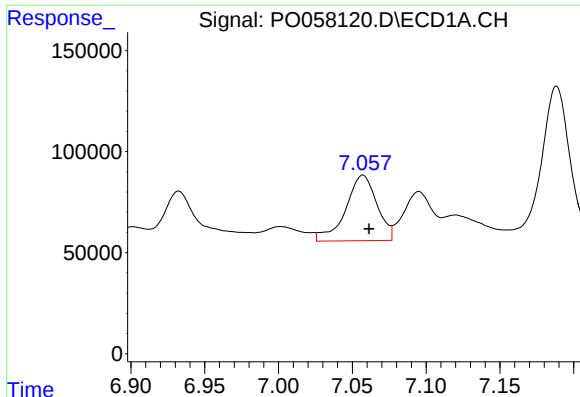
#28 AR-1254-3

R.T.: 6.775 min
Delta R.T.: -0.002 min
Response: 795288
Conc: 225.44 ng/ml



#28 AR-1254-3

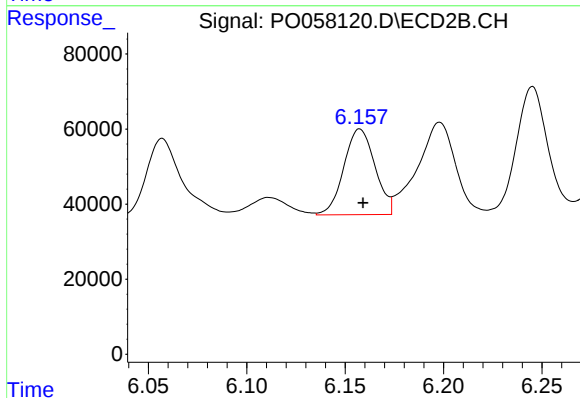
R.T.: 5.931 min
Delta R.T.: -0.001 min
Response: 642087
Conc: 219.26 ng/ml



#29 AR-1254-4

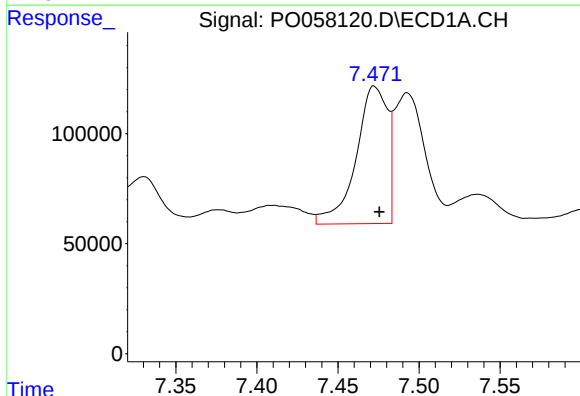
R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 478326
Conc: 161.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



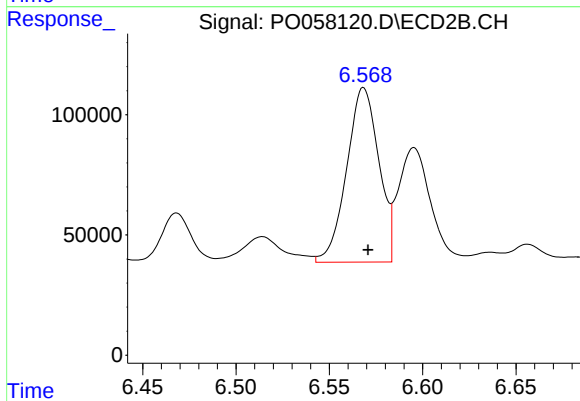
#29 AR-1254-4

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 251698
Conc: 136.23 ng/ml



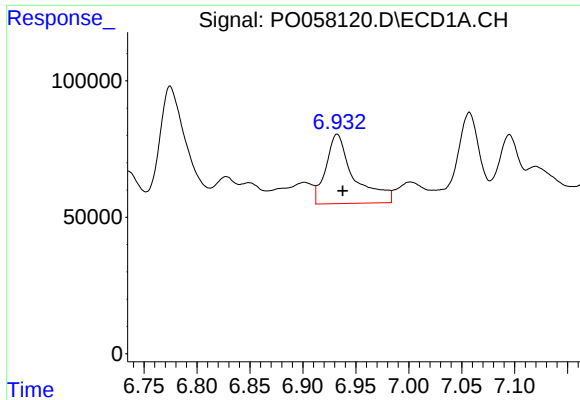
#30 AR-1254-5

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 845307
Conc: 287.99 ng/ml



#30 AR-1254-5

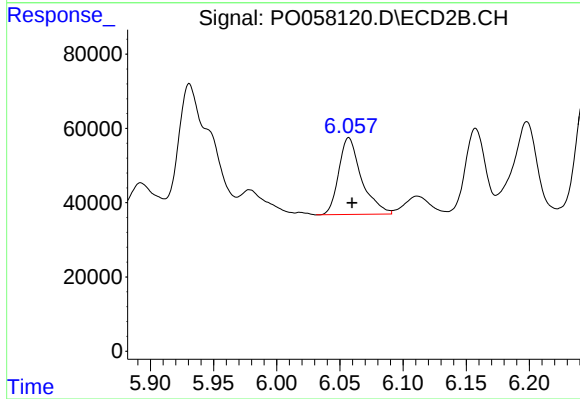
R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 869671
Conc: 319.91 ng/ml



#31 AR-1260-1

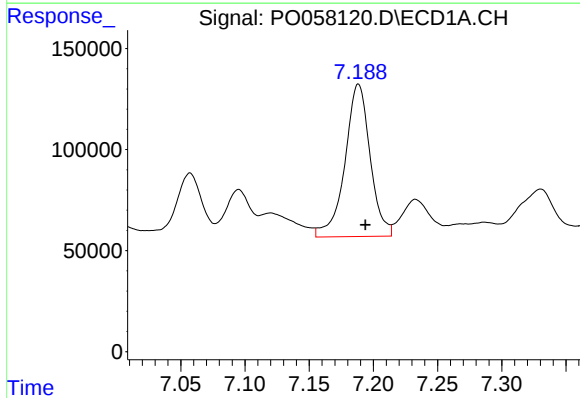
R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 467215
Conc: 186.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



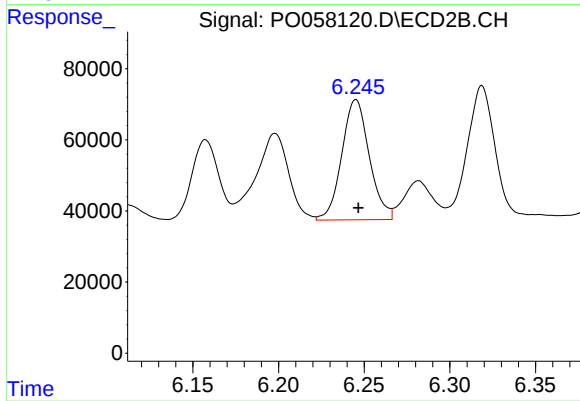
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 259925
Conc: 128.35 ng/ml



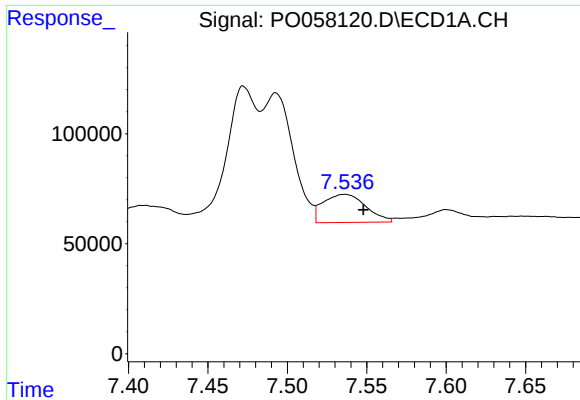
#32 AR-1260-2

R.T.: 7.188 min
Delta R.T.: -0.005 min
Response: 1029948
Conc: 292.94 ng/ml



#32 AR-1260-2

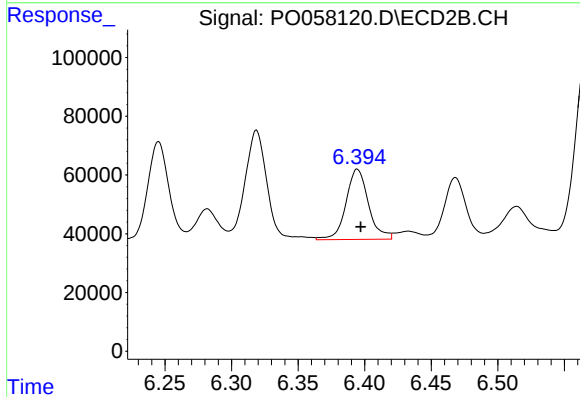
R.T.: 6.245 min
Delta R.T.: -0.001 min
Response: 378177
Conc: 147.06 ng/ml



#33 AR-1260-3

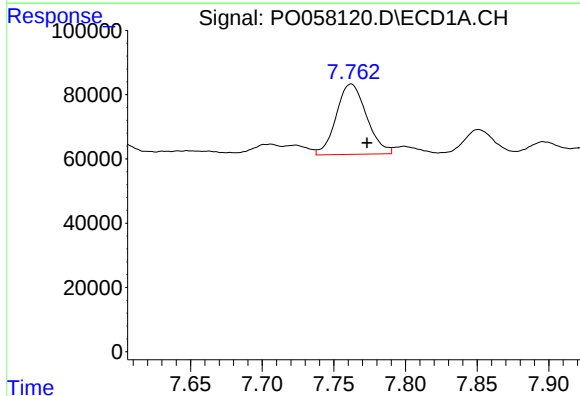
R.T.: 7.536 min
Delta R.T.: -0.012 min
Response: 238911
Conc: 81.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



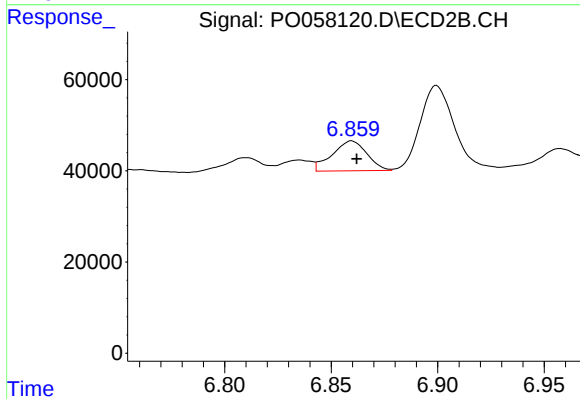
#33 AR-1260-3

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 281347
Conc: 123.36 ng/ml



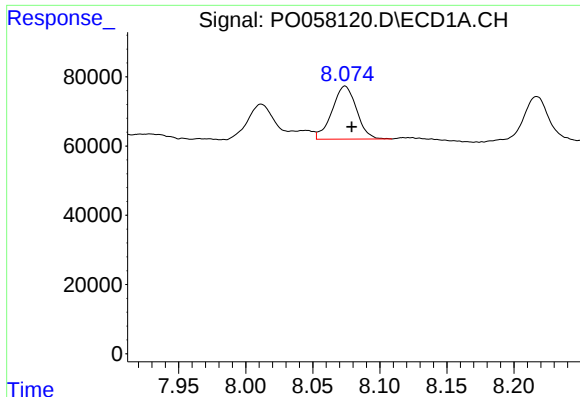
#34 AR-1260-4

R.T.: 7.762 min
Delta R.T.: -0.011 min
Response: 323580
Conc: 118.45 ng/ml



#34 AR-1260-4

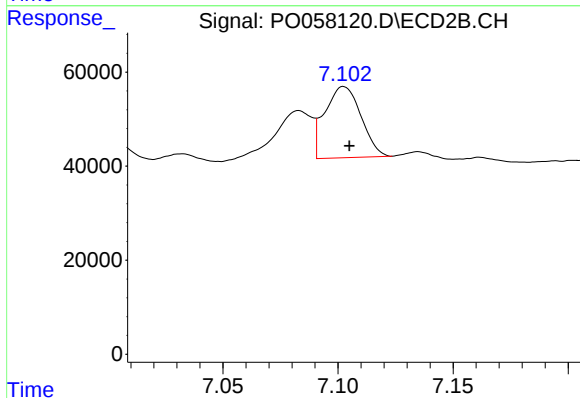
R.T.: 6.860 min
Delta R.T.: -0.002 min
Response: 74306
Conc: 38.38 ng/ml



#35 AR-1260-5

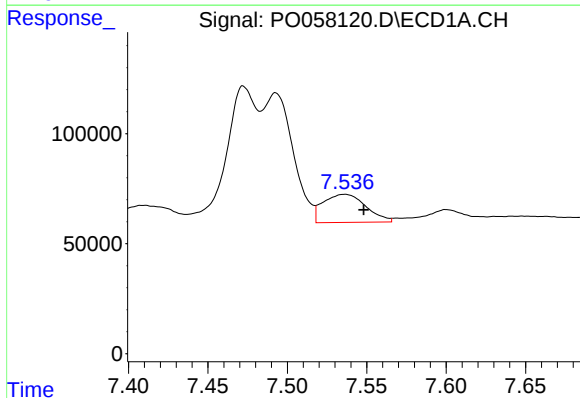
R.T.: 8.074 min
Delta R.T.: -0.005 min
Response: 194711
Conc: 33.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



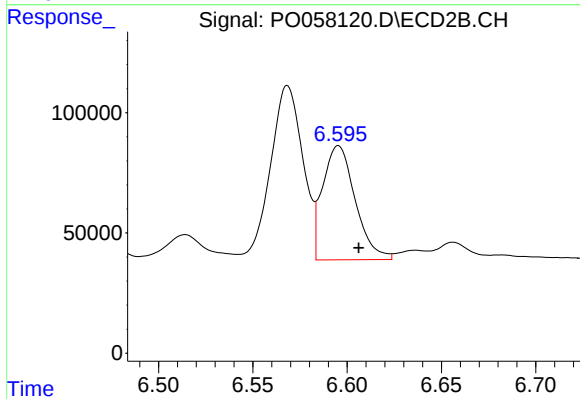
#35 AR-1260-5

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 166298
Conc: 36.13 ng/ml



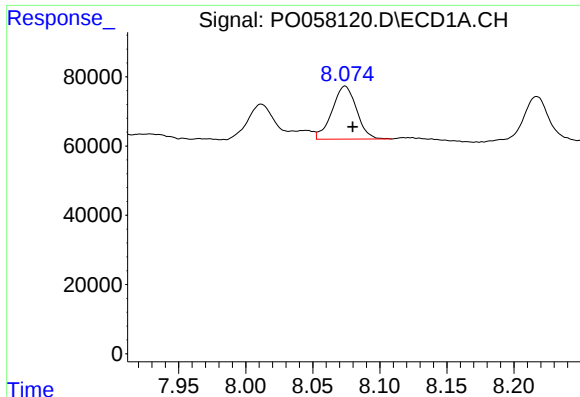
#36 AR-1262-1

R.T.: 7.536 min
Delta R.T.: -0.012 min
Response: 238911
Conc: 43.24 ng/ml



#36 AR-1262-1

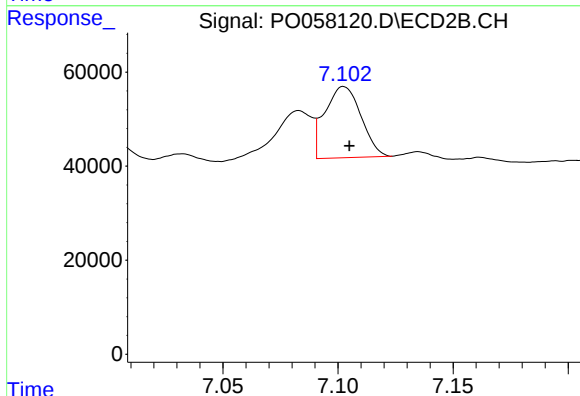
R.T.: 6.595 min
Delta R.T.: -0.011 min
Response: 571273
Conc: 143.82 ng/ml



#37 AR-1262-2

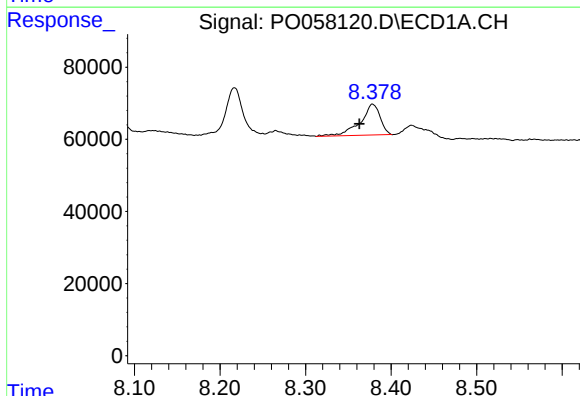
R.T.: 8.074 min
Delta R.T.: -0.006 min
Response: 194711
Conc: 22.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



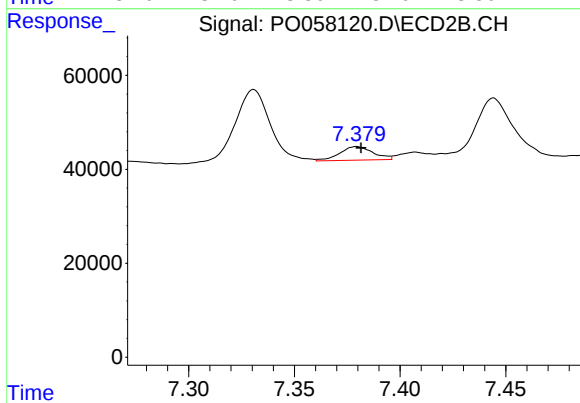
#37 AR-1262-2

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 166298
Conc: 25.75 ng/ml



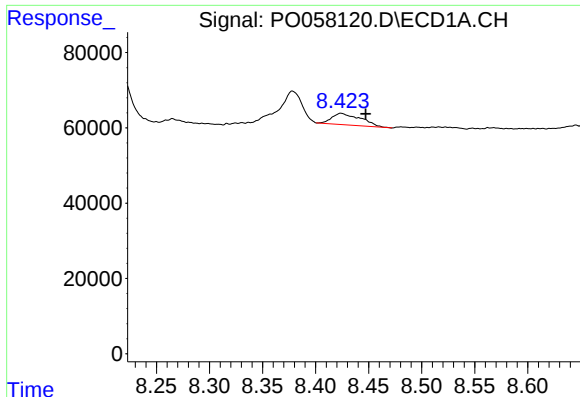
#38 AR-1262-3

R.T.: 8.378 min
Delta R.T.: 0.015 min
Response: 137856
Conc: 24.49 ng/ml



#38 AR-1262-3

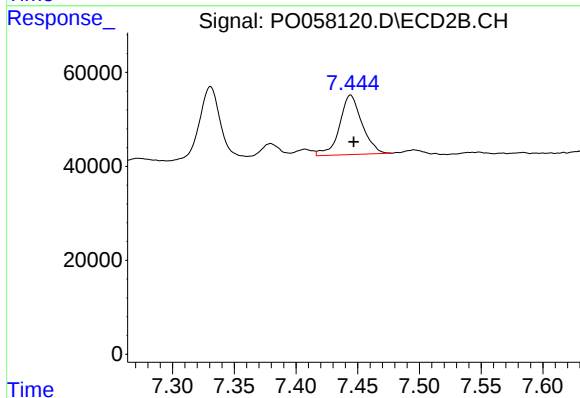
R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 31720
Conc: 11.51 ng/ml



#39 AR-1262-4

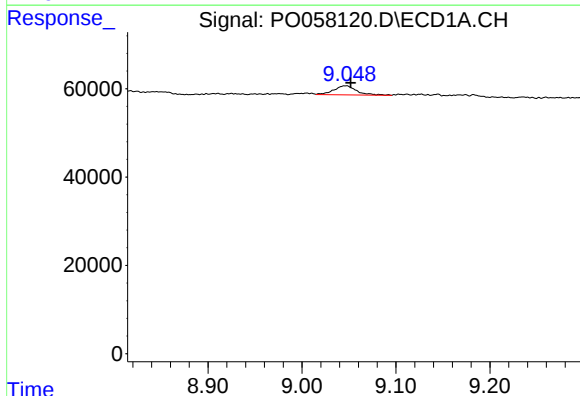
R.T.: 8.424 min
Delta R.T.: -0.023 min
Response: 57403
Conc: 12.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



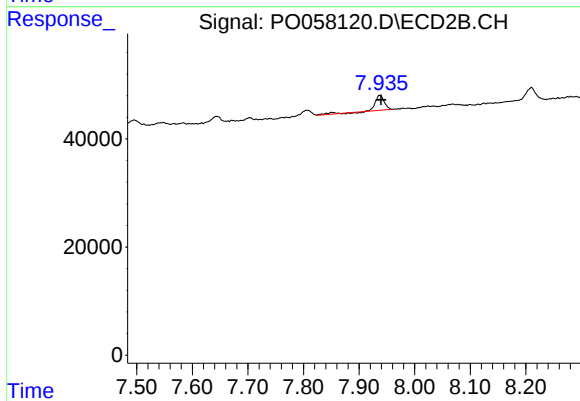
#39 AR-1262-4

R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 160332
Conc: 33.58 ng/ml



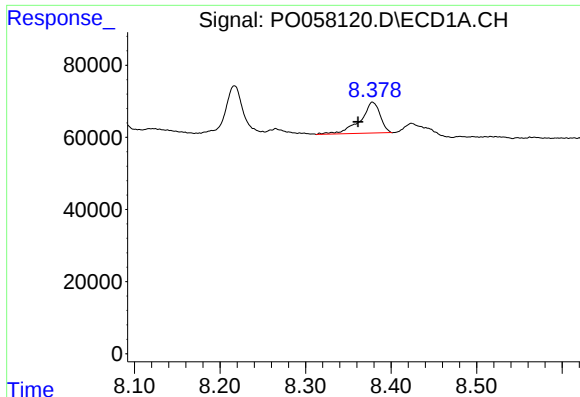
#40 AR-1262-5

R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 34175
Conc: 12.30 ng/ml



#40 AR-1262-5

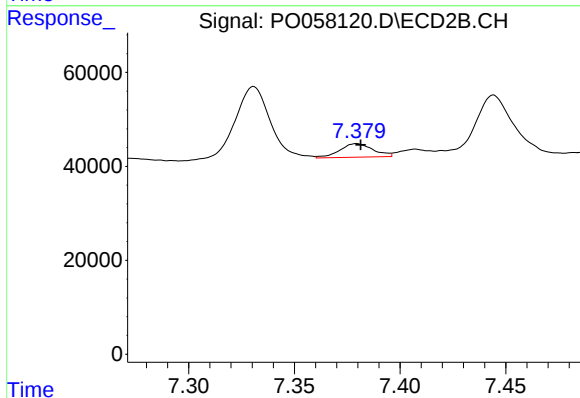
R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 32681
Conc: 16.43 ng/ml



#41 AR-1268-1

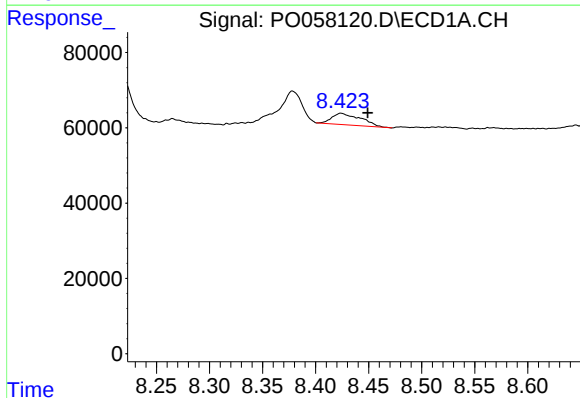
R.T.: 8.378 min
Delta R.T.: 0.017 min
Response: 137856
Conc: 13.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



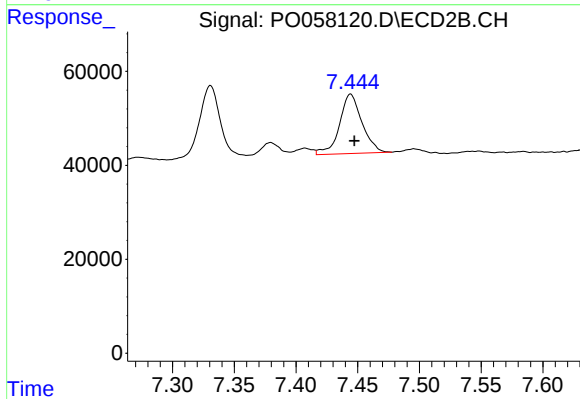
#41 AR-1268-1

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 31720
Conc: 4.06 ng/ml



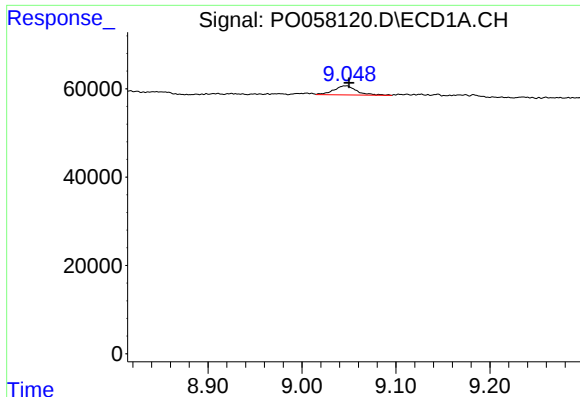
#42 AR-1268-2

R.T.: 8.424 min
Delta R.T.: -0.025 min
Response: 57403
Conc: 6.27 ng/ml



#42 AR-1268-2

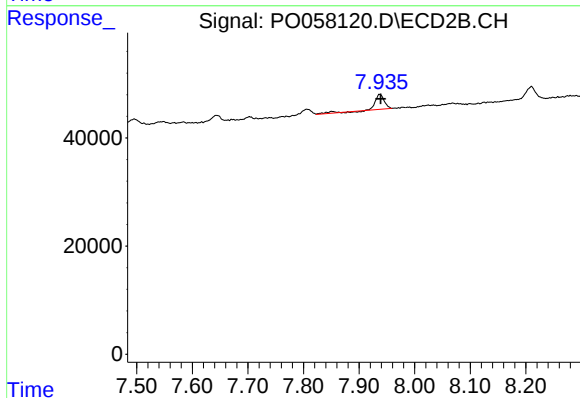
R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 160332
Conc: 22.50 ng/ml



#44 AR-1268-4

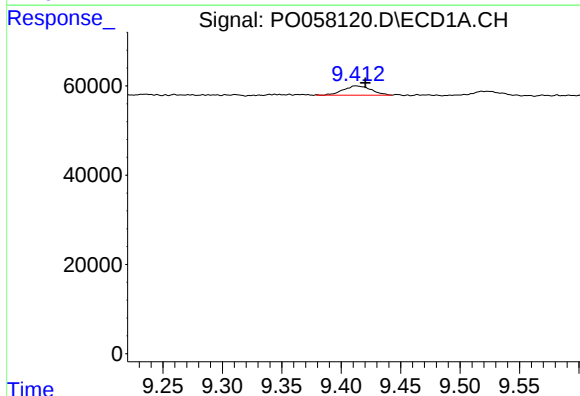
R.T.: 9.047 min
Delta R.T.: -0.004 min
Response: 34175
Conc: 11.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
S3-04-S



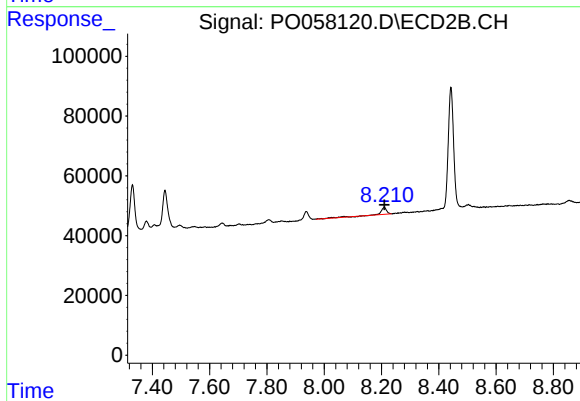
#44 AR-1268-4

R.T.: 7.937 min
Delta R.T.: -0.001 min
Response: 32681
Conc: 15.62 ng/ml



#45 AR-1268-5

R.T.: 9.413 min
Delta R.T.: -0.008 min
Response: 34410
Conc: 1.58 ng/ml



#45 AR-1268-5

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 38832
Conc: 2.33 ng/ml