

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056560.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2019 13:47
 Operator : SM/SJ
 Sample : K2970-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-9-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:24:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.263	3.573	578171	506019	15.102	15.344
2)	SA Decachlor...	9.845	8.513	622887	396737	12.690	11.127
Target Compounds							
3)	L1 AR-1016-1	5.355	4.594	150423	194271	83.632	154.368 #
4)	L1 AR-1016-2	0.000	4.594	0	194271	N.D.	107.831 #
5)	L1 AR-1016-3	0.000	4.880	0	25659	N.D.	26.025 #
6)	L1 AR-1016-4	0.000	4.880	0	25659	N.D.	30.995 #
7)	L1 AR-1016-5	0.000	5.087	0	4733	N.D.	4.412 #
8)	L2 AR-1221-1	0.000	3.735	0	20465	N.D.	40.352 #
10)	L2 AR-1221-3	0.000	4.003	0	35959	N.D.	30.039 #
11)	L3 AR-1232-1	0.000	4.003	0	35959	N.D.	40.027 #
12)	L3 AR-1232-2	5.178	4.594	251493	194271	379.303	199.892 #
13)	L3 AR-1232-3	0.000	4.880	0	25659	N.D.	49.034 #
14)	L3 AR-1232-4	0.000	4.880	0	25659	N.D.	52.080 #
15)	L3 AR-1232-5	0.000	5.087	0	4733	N.D.	8.403 #
16)	L4 AR-1242-1	5.355	4.594	150423	194271	87.192	156.849 #
17)	L4 AR-1242-2	0.000	4.594	0	194271	N.D.	108.023 #
18)	L4 AR-1242-3	0.000	4.880	0	25659	N.D.	26.100 #
19)	L4 AR-1242-4	0.000	4.880	0	25659	N.D.	26.368 #
20)	L4 AR-1242-5	6.336	5.436	29814	40594	18.069	34.336 #
21)	L5 AR-1248-1	5.355	4.594	150423	194271	116.741	207.439 #
22)	L5 AR-1248-2	0.000	4.880	0	25659	N.D.	20.197 #
23)	L5 AR-1248-3	0.000	4.880	0	25659	N.D.	19.648 #
24)	L5 AR-1248-4	6.275	5.087	876521	4733	378.842	2.989 #
25)	L5 AR-1248-5	6.336	5.461	29814	447357	13.556	270.295 #
26)	L6 AR-1254-1	6.275	5.436	876521	40594	318.418	15.349 #
27)	L6 AR-1254-2	6.489	5.582	131745	16188	33.919	7.509 #
28)	L6 AR-1254-3	6.867	6.001	394628	117379	95.705	32.061 #
29)	L6 AR-1254-4	7.136	6.210	42898	24919	14.253	11.343
30)	L6 AR-1254-5	7.553	6.624	80799	76393	21.457	24.097
31)	L7 AR-1260-1	0.000	6.112	0	53542	N.D.	26.766 #
32)	L7 AR-1260-2	7.268	6.291	250489	275285	82.829	111.679 #
33)	L7 AR-1260-3	7.626	6.450	52012	69657	21.590	31.052 #
34)	L7 AR-1260-4	7.850	6.917	53943	33914	20.595	18.223
35)	L7 AR-1260-5	8.158	7.158	100272	97936	20.968	22.711
36)	L8 AR-1262-1	7.626	6.660	52012	44136	11.121	10.574
37)	L8 AR-1262-2	8.158	7.158	100272	97936	13.152	14.254
38)	L8 AR-1262-3	0.000	7.439	0	36276	N.D.	12.283 #
39)	L8 AR-1262-4	0.000	7.502	0	69222	N.D.	13.285 #
40)	L8 AR-1262-5	0.000	7.995	0	25385	N.D.	10.932 #
41)	L9 AR-1268-1	0.000	7.439	0	36276	N.D.	4.859 #
42)	L9 AR-1268-2	0.000	7.502	0	69222	N.D.	9.913 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
Data File : P0056560.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 May 2019 13:47
Operator : SM/SJ
Sample : K2970-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-9-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 22:24:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 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
44) L9	AR-1268-4	0.000	7.995	0	25385	N.D.	10.875 #
45) L9	AR-1268-5	0.000	8.273	0	21973	N.D.	1.270 #

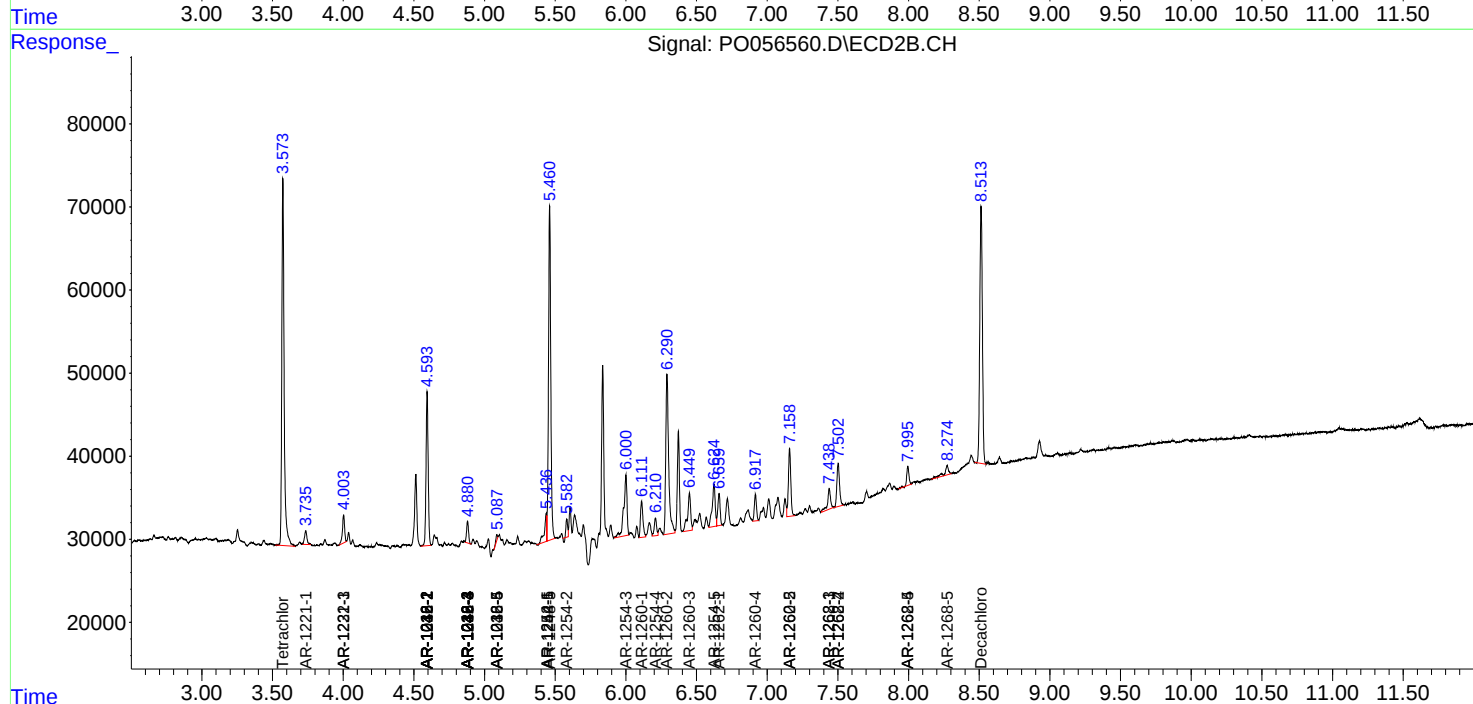
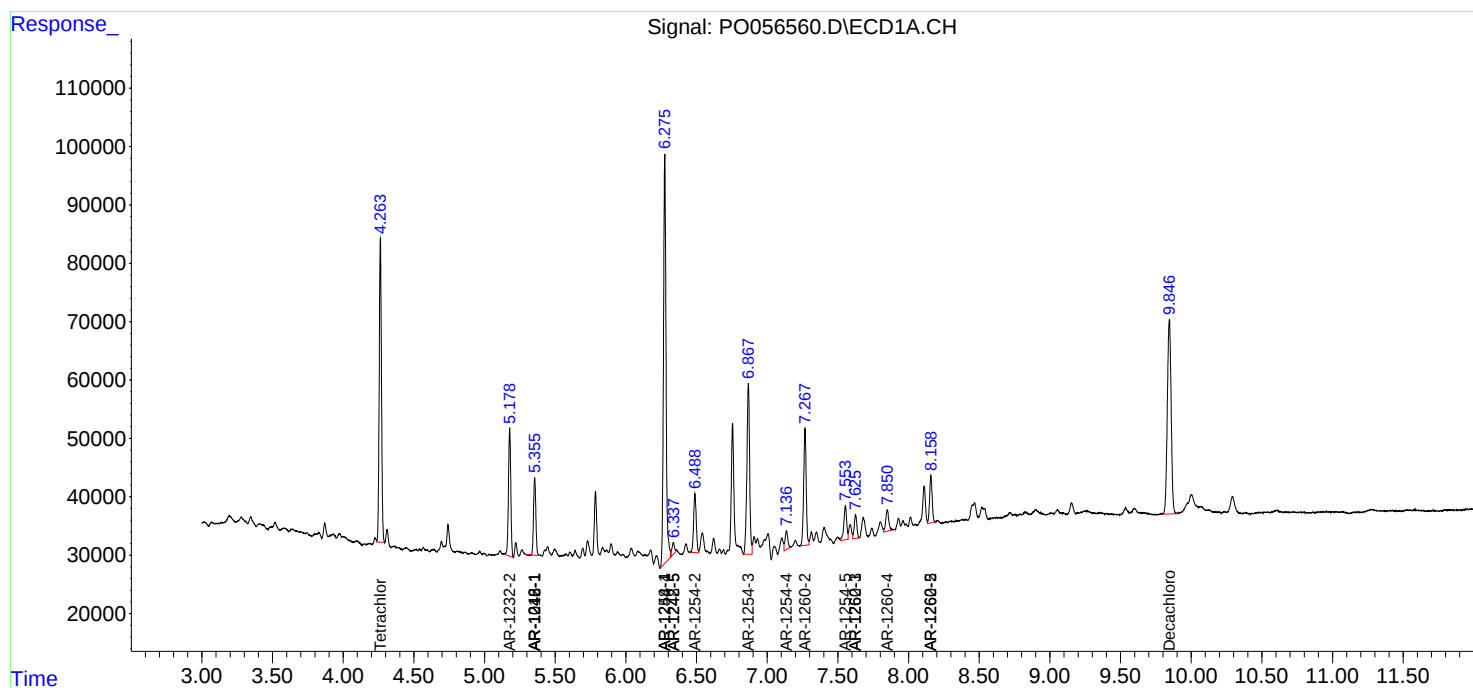
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

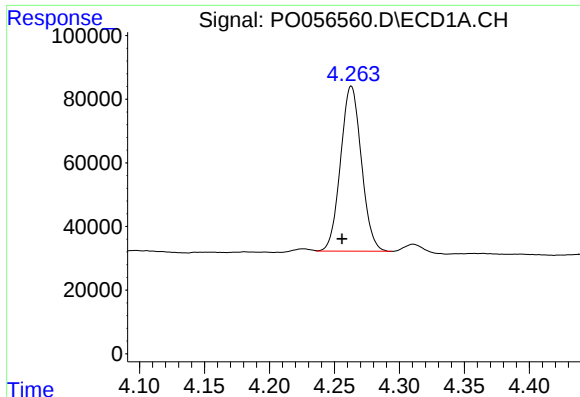
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
Data File : P0056560.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 May 2019 13:47
Operator : SM/SJ
Sample : K2970-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
TP-9-S

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 22:24:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
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QLast Update : Fri May 24 00:11:05 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

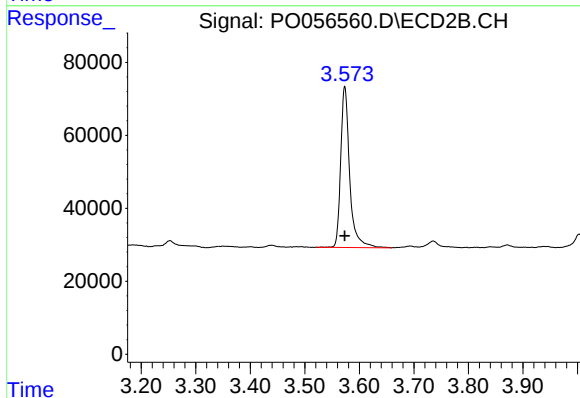




#1 Tetrachloro-m-xylene

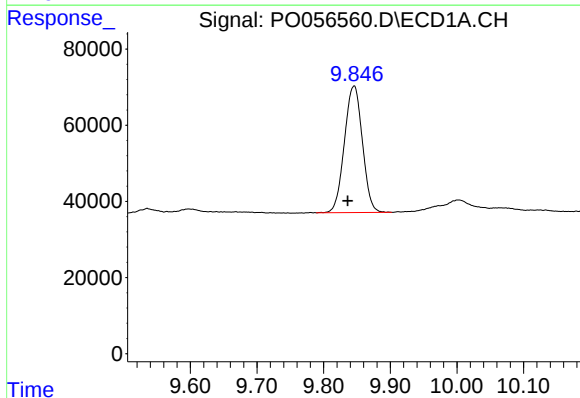
R.T.: 4.263 min
Delta R.T.: 0.007 min
Response: 578171
Conc: 15.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



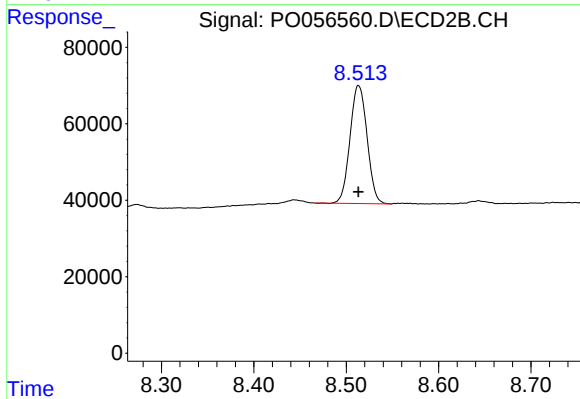
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.000 min
Response: 506019
Conc: 15.34 ng/ml



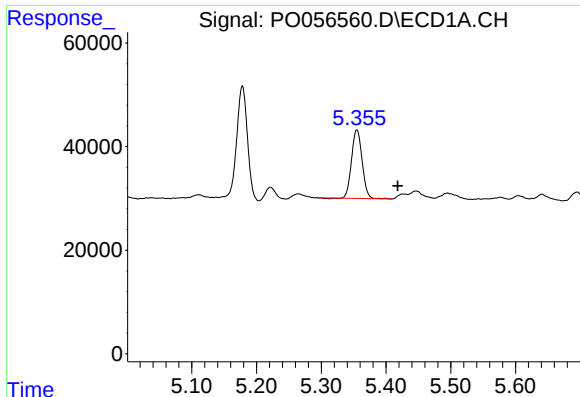
#2 Decachlorobiphenyl

R.T.: 9.845 min
Delta R.T.: 0.009 min
Response: 622887
Conc: 12.69 ng/ml



#2 Decachlorobiphenyl

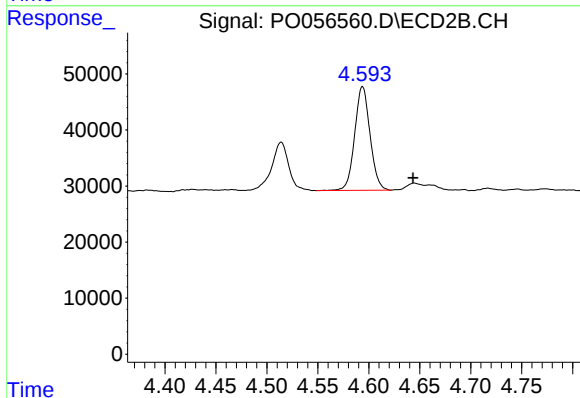
R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 396737
Conc: 11.13 ng/ml



#3 AR-1016-1

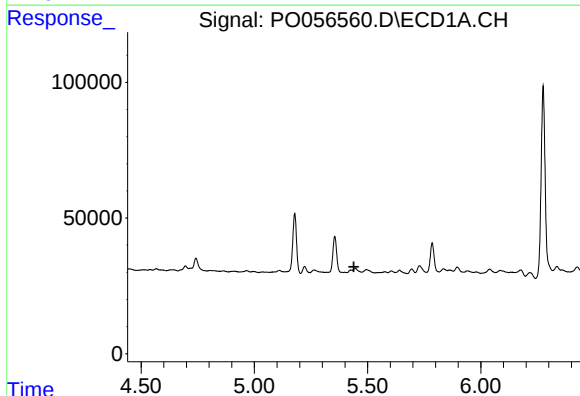
R.T.: 5.355 min
Delta R.T.: -0.063 min
Response: 150423
Conc: 83.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



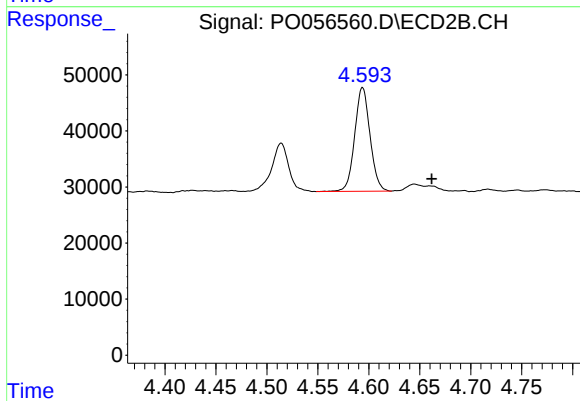
#3 AR-1016-1

R.T.: 4.594 min
Delta R.T.: -0.049 min
Response: 194271
Conc: 154.37 ng/ml



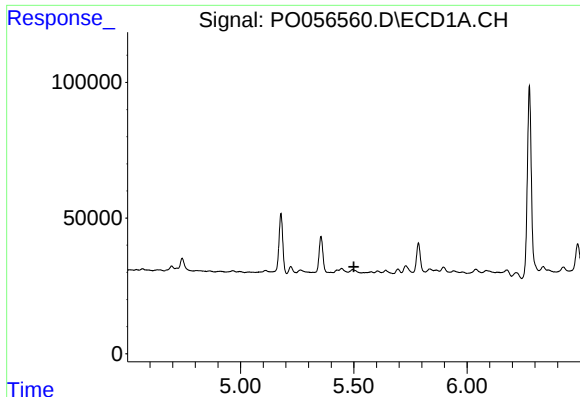
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.440 min
Response: 0
Conc: N.D.



#4 AR-1016-2

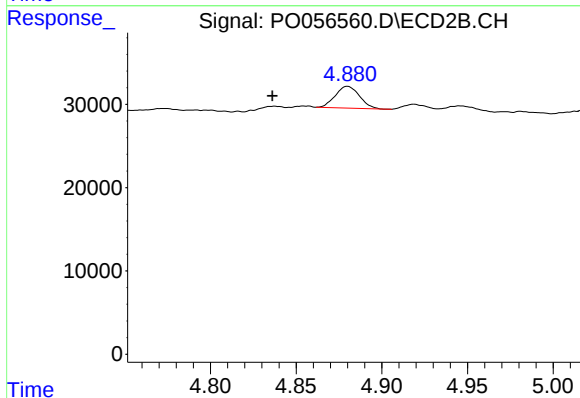
R.T.: 4.594 min
Delta R.T.: -0.068 min
Response: 194271
Conc: 107.83 ng/ml



#5 AR-1016-3

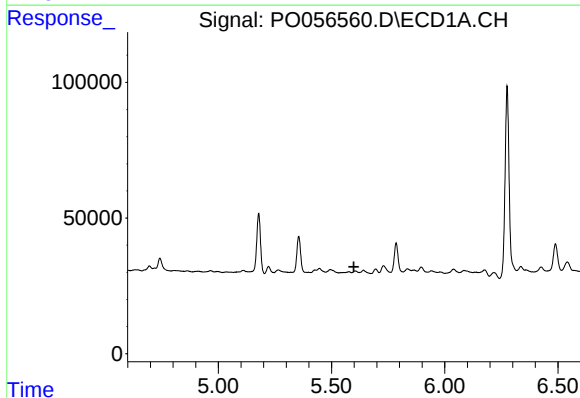
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



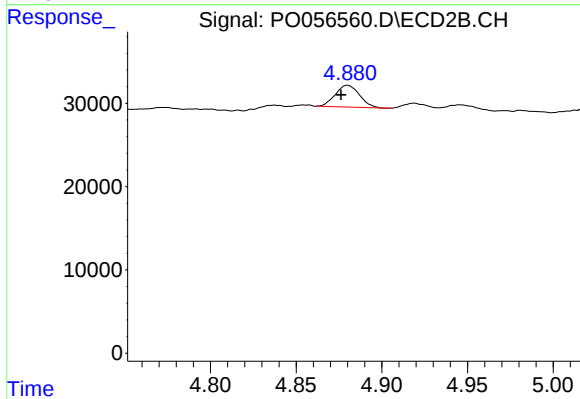
#5 AR-1016-3

R.T.: 4.880 min
Delta R.T.: 0.044 min
Response: 25659
Conc: 26.02 ng/ml



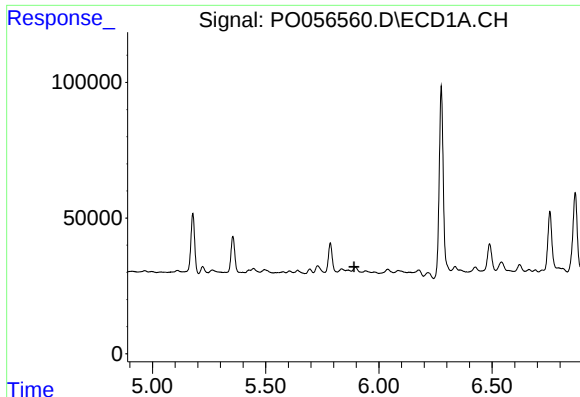
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.



#6 AR-1016-4

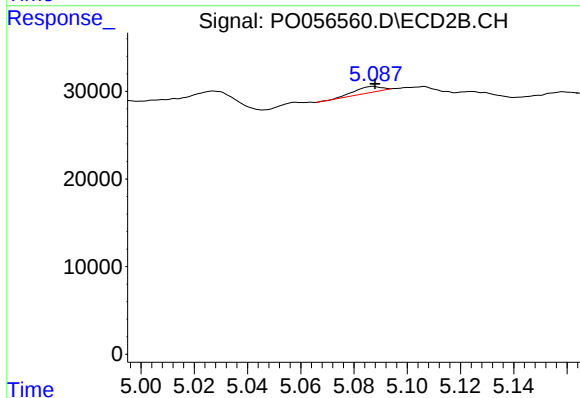
R.T.: 4.880 min
Delta R.T.: 0.004 min
Response: 25659
Conc: 31.00 ng/ml



#7 AR-1016-5

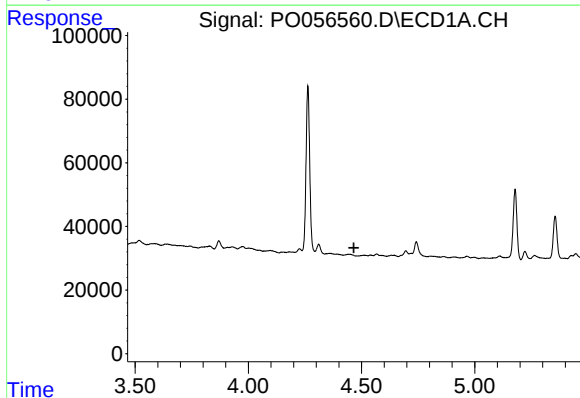
R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



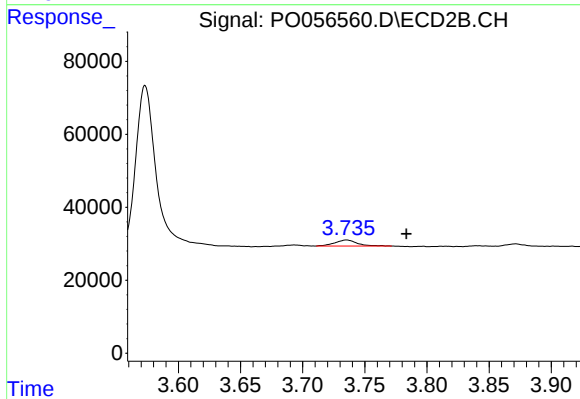
#7 AR-1016-5

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 4733
Conc: 4.41 ng/ml



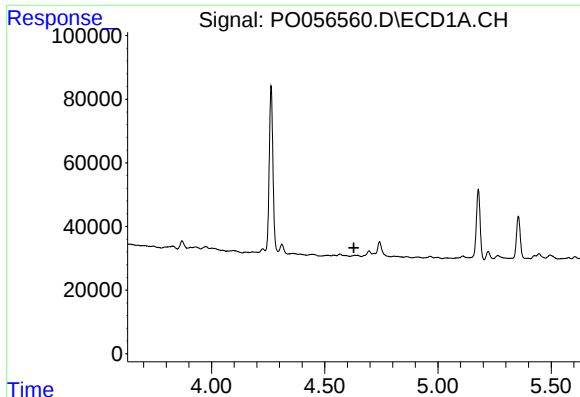
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

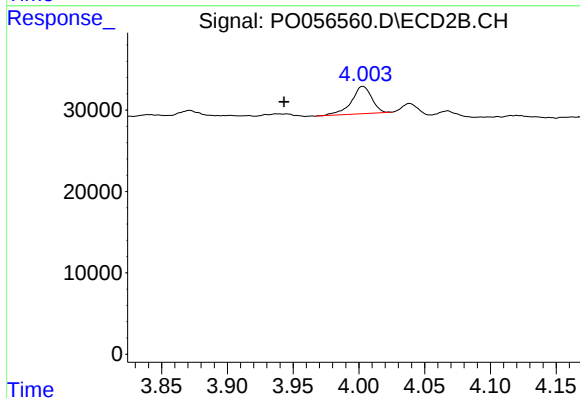
R.T.: 3.735 min
Delta R.T.: -0.048 min
Response: 20465
Conc: 40.35 ng/ml



#10 AR-1221-3

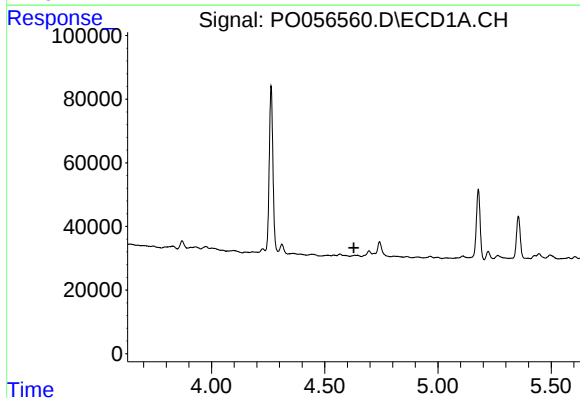
R.T.: 0.000 min
Exp R.T.: 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



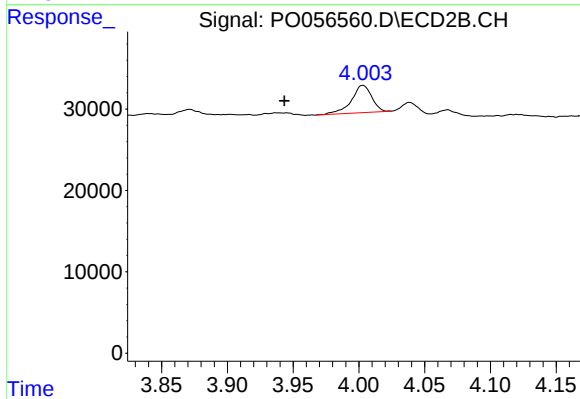
#10 AR-1221-3

R.T.: 4.003 min
Delta R.T.: 0.060 min
Response: 35959
Conc: 30.04 ng/ml



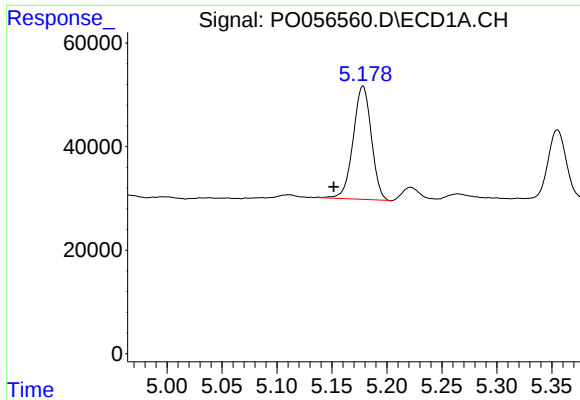
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.629 min
Response: 0
Conc: N.D.



#11 AR-1232-1

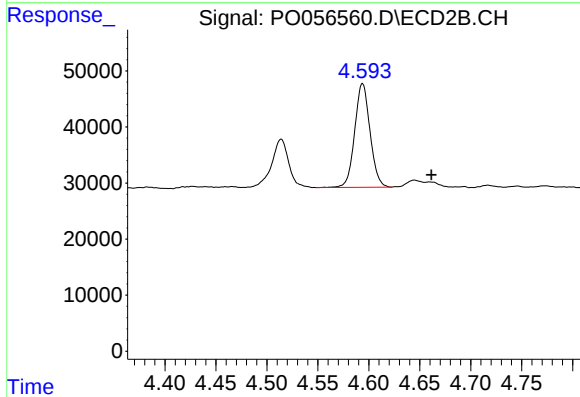
R.T.: 4.003 min
Delta R.T.: 0.060 min
Response: 35959
Conc: 40.03 ng/ml



#12 AR-1232-2

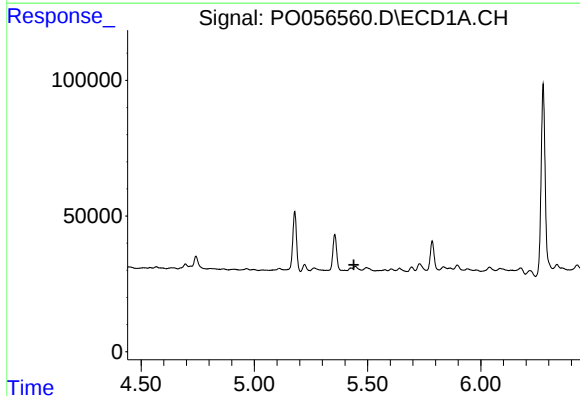
R.T.: 5.178 min
Delta R.T.: 0.026 min
Response: 251493
Conc: 379.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



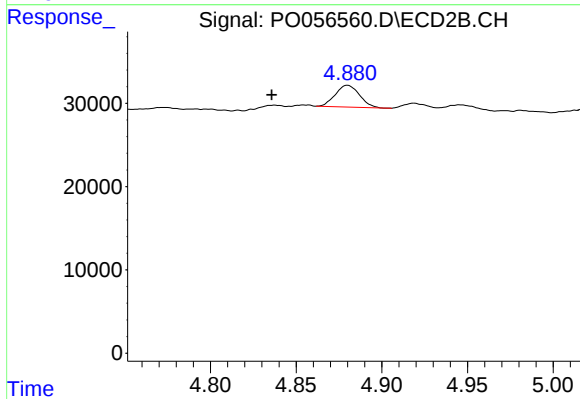
#12 AR-1232-2

R.T.: 4.594 min
Delta R.T.: -0.068 min
Response: 194271
Conc: 199.89 ng/ml



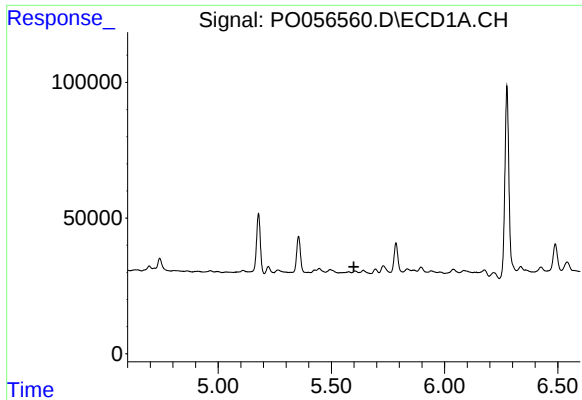
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.439 min
Response: 0
Conc: N.D.



#13 AR-1232-3

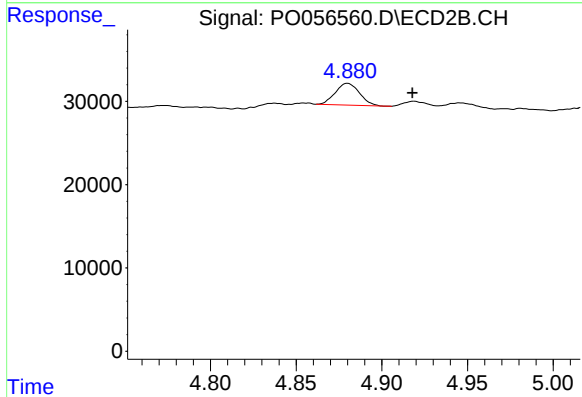
R.T.: 4.880 min
Delta R.T.: 0.044 min
Response: 25659
Conc: 49.03 ng/ml



#14 AR-1232-4

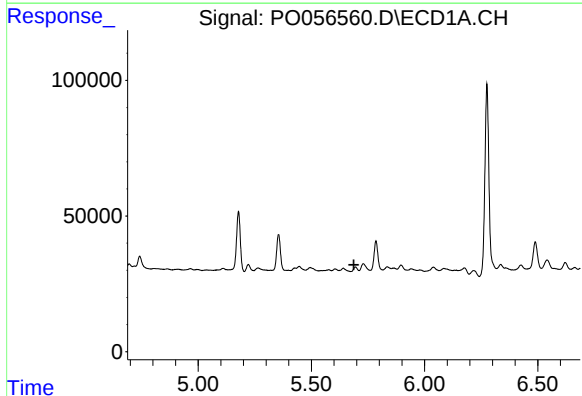
R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



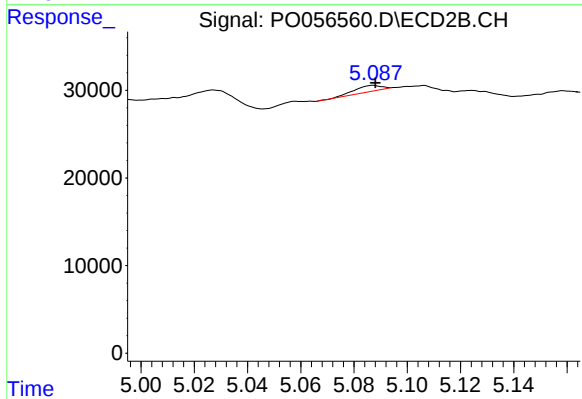
#14 AR-1232-4

R.T.: 4.880 min
Delta R.T.: -0.038 min
Response: 25659
Conc: 52.08 ng/ml



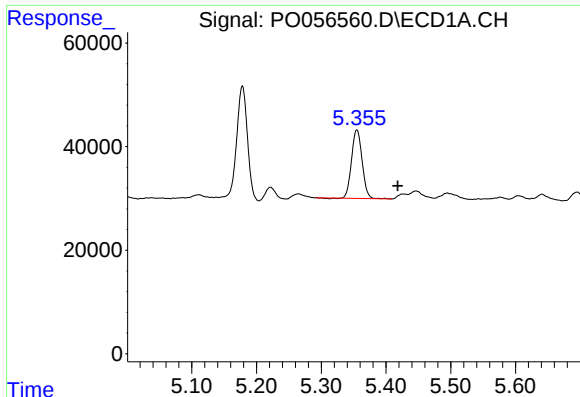
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.688 min
Response: 0
Conc: N.D.



#15 AR-1232-5

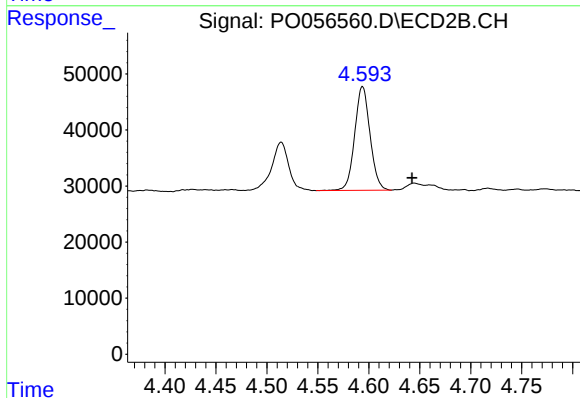
R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 4733
Conc: 8.40 ng/ml



#16 AR-1242-1

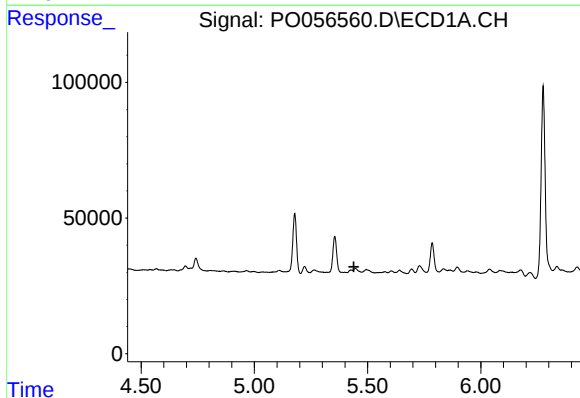
R.T.: 5.355 min
Delta R.T.: -0.063 min
Response: 150423
Conc: 87.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



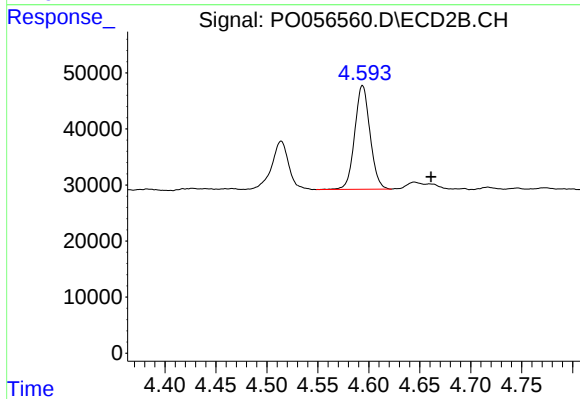
#16 AR-1242-1

R.T.: 4.594 min
Delta R.T.: -0.049 min
Response: 194271
Conc: 156.85 ng/ml



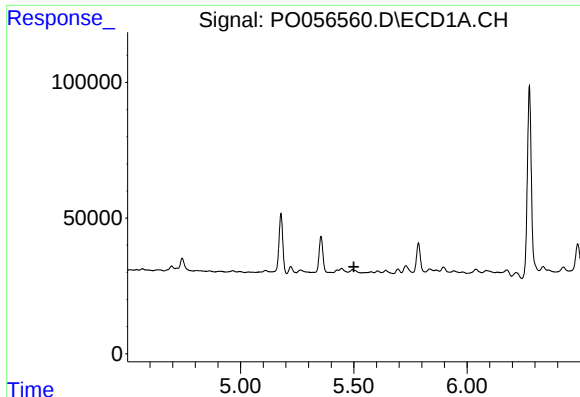
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.440 min
Response: 0
Conc: N.D.



#17 AR-1242-2

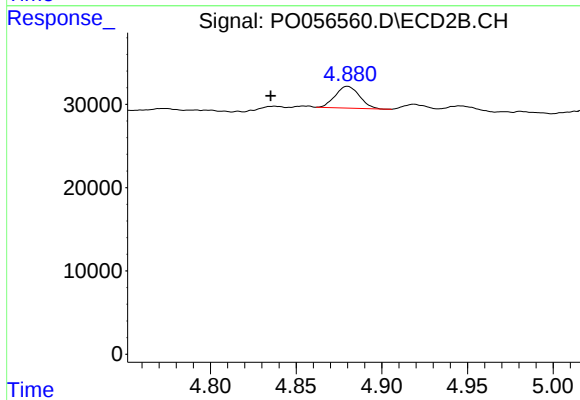
R.T.: 4.594 min
Delta R.T.: -0.067 min
Response: 194271
Conc: 108.02 ng/ml



#18 AR-1242-3

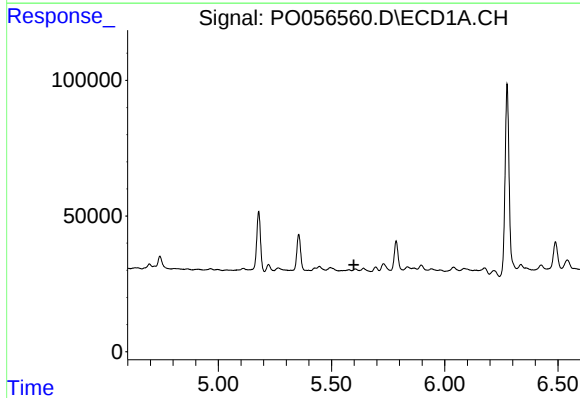
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



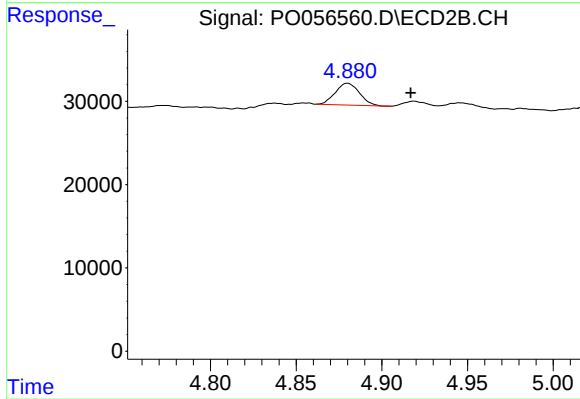
#18 AR-1242-3

R.T.: 4.880 min
Delta R.T.: 0.045 min
Response: 25659
Conc: 26.10 ng/ml



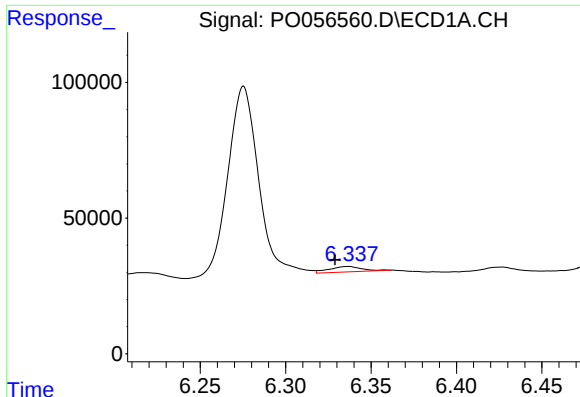
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.



#19 AR-1242-4

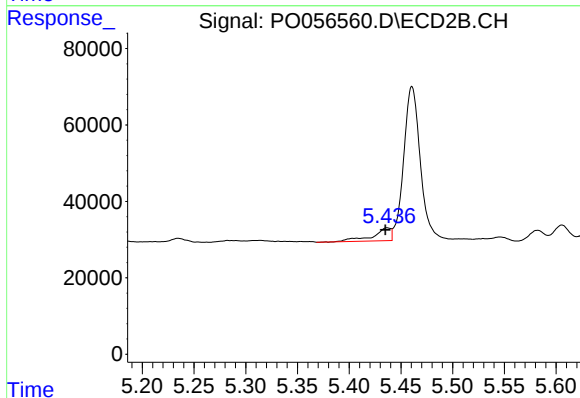
R.T.: 4.880 min
Delta R.T.: -0.037 min
Response: 25659
Conc: 26.37 ng/ml



#20 AR-1242-5

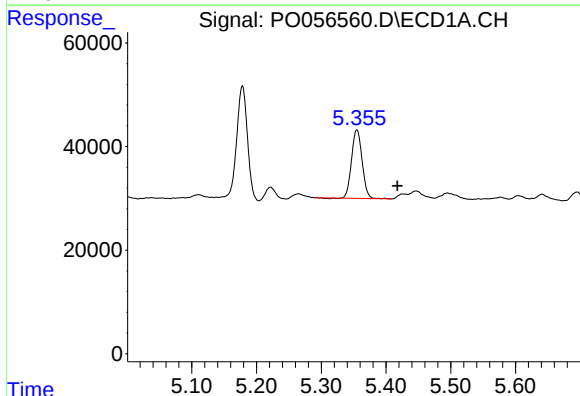
R.T.: 6.336 min
Delta R.T.: 0.007 min
Response: 29814
Conc: 18.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



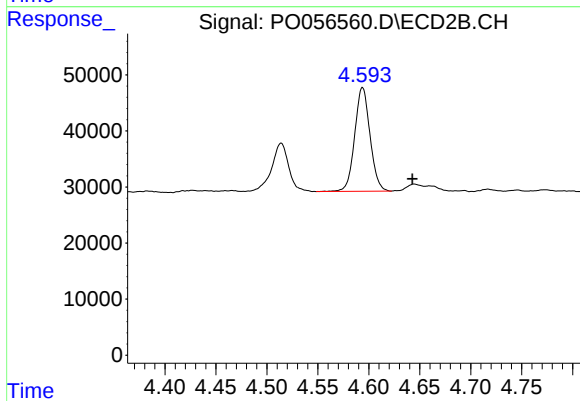
#20 AR-1242-5

R.T.: 5.436 min
Delta R.T.: 0.001 min
Response: 40594
Conc: 34.34 ng/ml



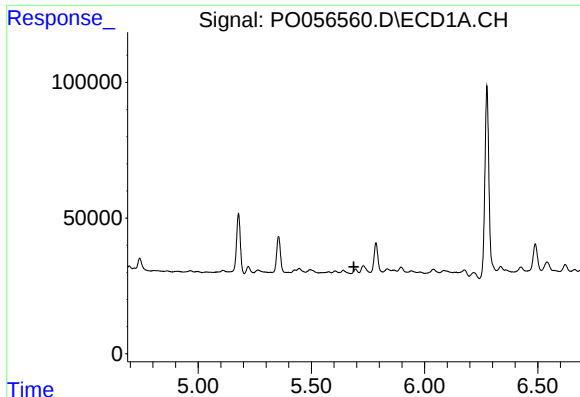
#21 AR-1248-1

R.T.: 5.355 min
Delta R.T.: -0.062 min
Response: 150423
Conc: 116.74 ng/ml



#21 AR-1248-1

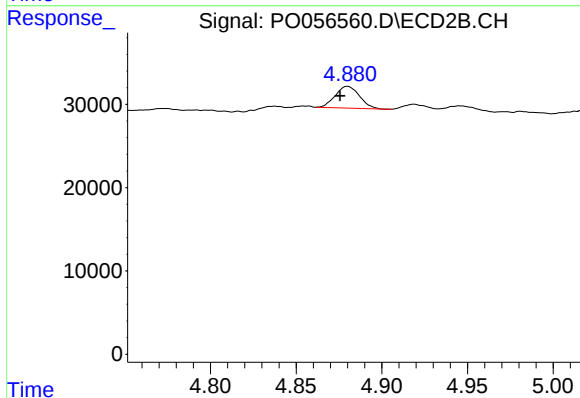
R.T.: 4.594 min
Delta R.T.: -0.049 min
Response: 194271
Conc: 207.44 ng/ml



#22 AR-1248-2

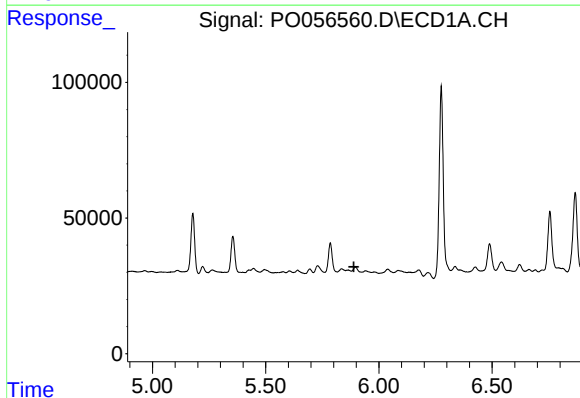
R.T.: 0.000 min
Exp R.T.: 5.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



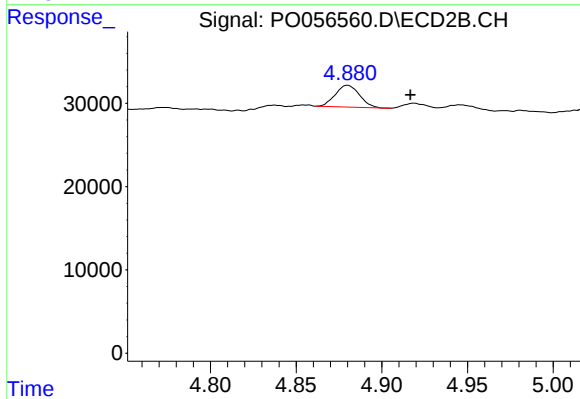
#22 AR-1248-2

R.T.: 4.880 min
Delta R.T.: 0.005 min
Response: 25659
Conc: 20.20 ng/ml



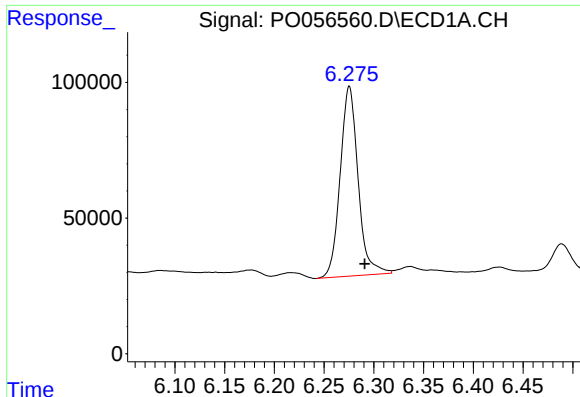
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.



#23 AR-1248-3

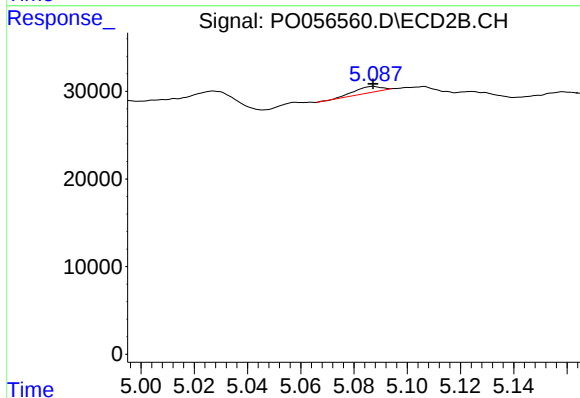
R.T.: 4.880 min
Delta R.T.: -0.036 min
Response: 25659
Conc: 19.65 ng/ml



#24 AR-1248-4

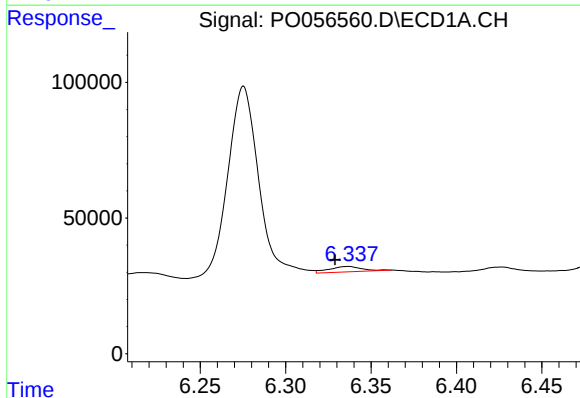
R.T.: 6.275 min
Delta R.T.: -0.016 min
Response: 876521
Conc: 378.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



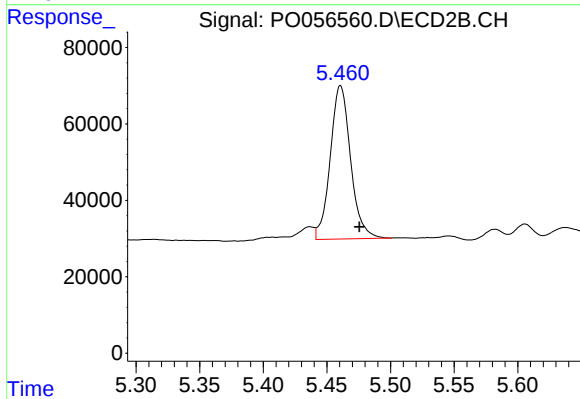
#24 AR-1248-4

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 4733
Conc: 2.99 ng/ml



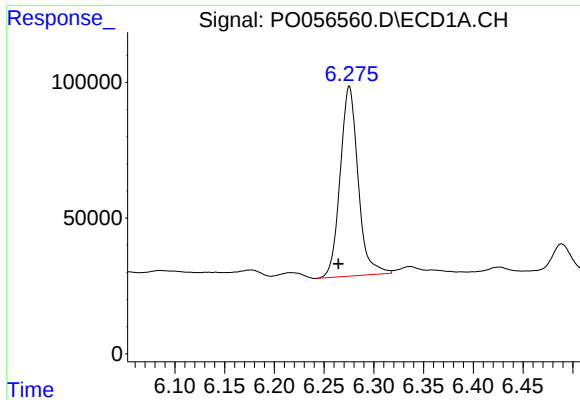
#25 AR-1248-5

R.T.: 6.336 min
Delta R.T.: 0.007 min
Response: 29814
Conc: 13.56 ng/ml



#25 AR-1248-5

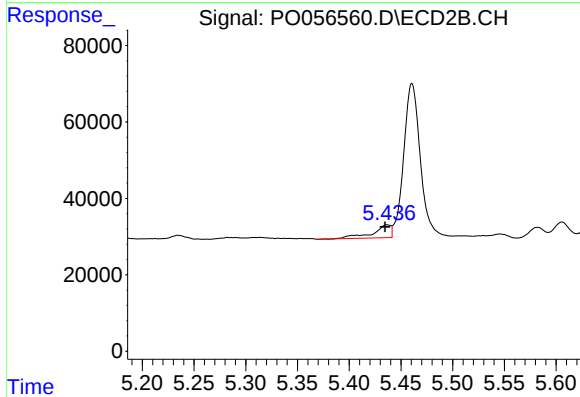
R.T.: 5.461 min
Delta R.T.: -0.015 min
Response: 447357
Conc: 270.29 ng/ml



#26 AR-1254-1

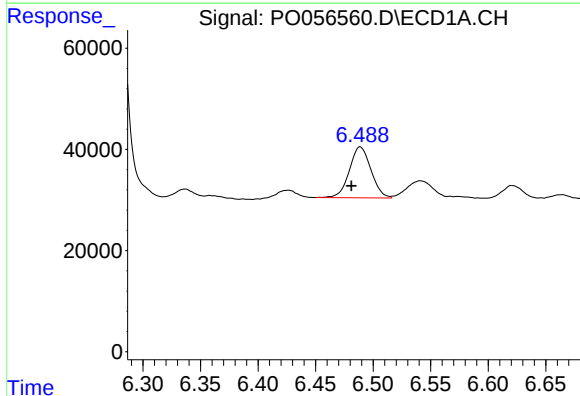
R.T.: 6.275 min
Delta R.T.: 0.011 min
Response: 876521
Conc: 318.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



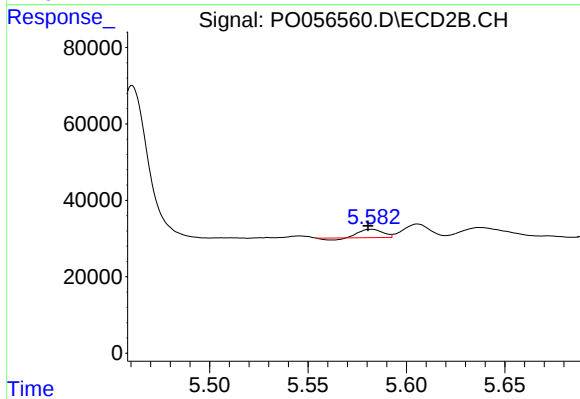
#26 AR-1254-1

R.T.: 5.436 min
Delta R.T.: 0.002 min
Response: 40594
Conc: 15.35 ng/ml



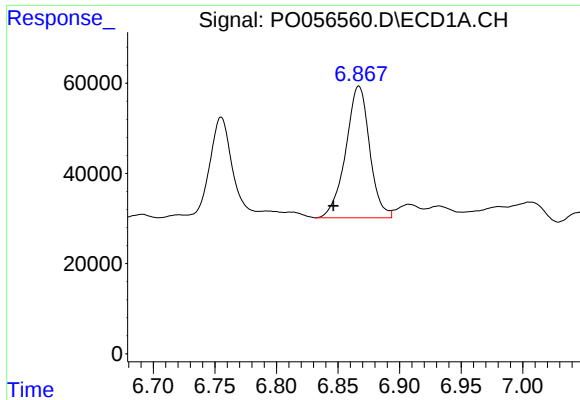
#27 AR-1254-2

R.T.: 6.489 min
Delta R.T.: 0.008 min
Response: 131745
Conc: 33.92 ng/ml



#27 AR-1254-2

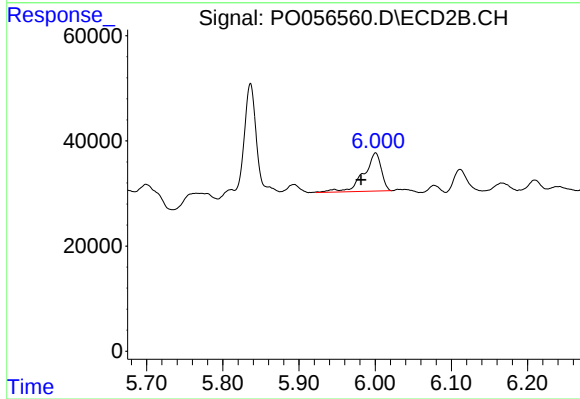
R.T.: 5.582 min
Delta R.T.: 0.002 min
Response: 16188
Conc: 7.51 ng/ml



#28 AR-1254-3

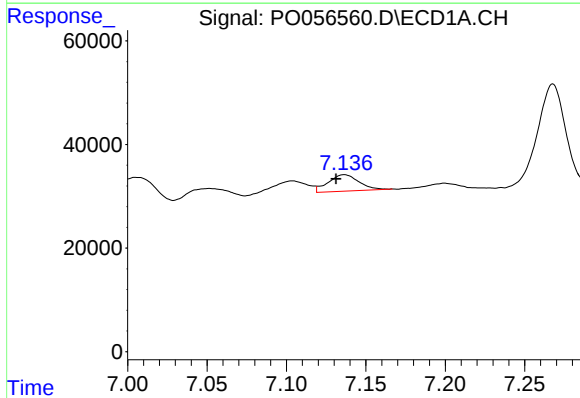
R.T.: 6.867 min
Delta R.T.: 0.021 min
Response: 394628
Conc: 95.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



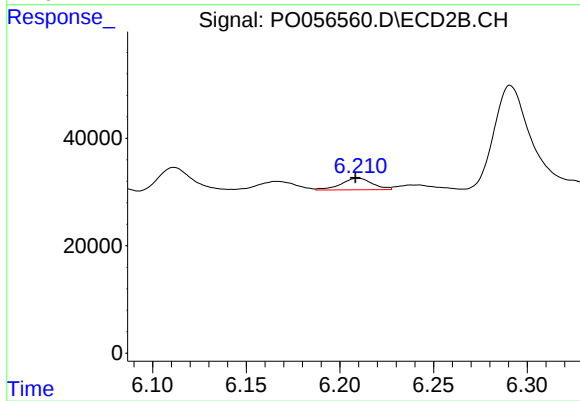
#28 AR-1254-3

R.T.: 6.001 min
Delta R.T.: 0.019 min
Response: 117379
Conc: 32.06 ng/ml



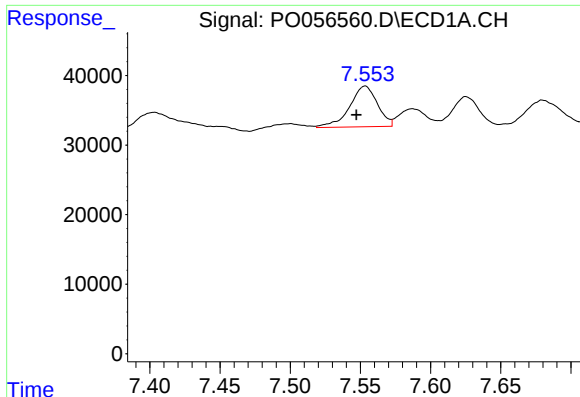
#29 AR-1254-4

R.T.: 7.136 min
Delta R.T.: 0.005 min
Response: 42898
Conc: 14.25 ng/ml



#29 AR-1254-4

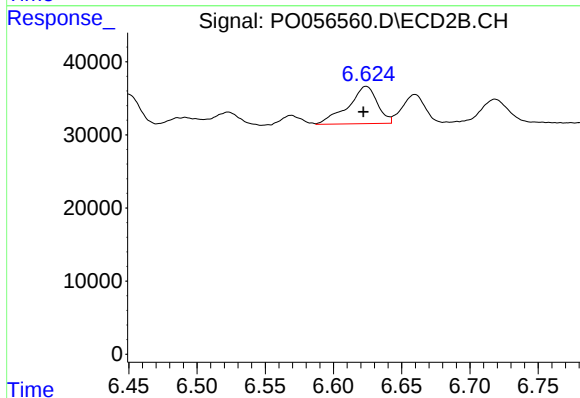
R.T.: 6.210 min
Delta R.T.: 0.001 min
Response: 24919
Conc: 11.34 ng/ml



#30 AR-1254-5

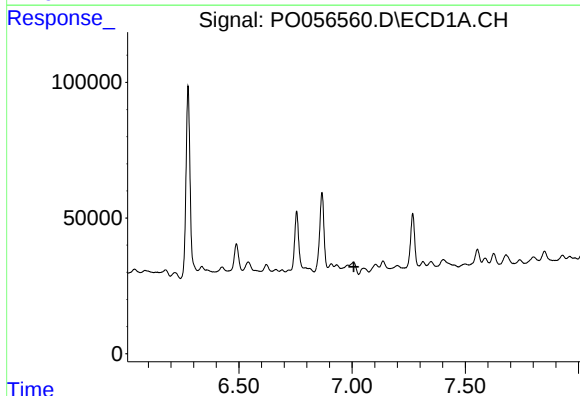
R.T.: 7.553 min
Delta R.T.: 0.006 min
Response: 80799
Conc: 21.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



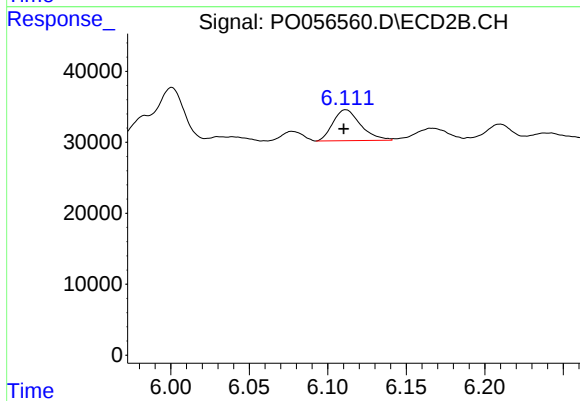
#30 AR-1254-5

R.T.: 6.624 min
Delta R.T.: 0.002 min
Response: 76393
Conc: 24.10 ng/ml



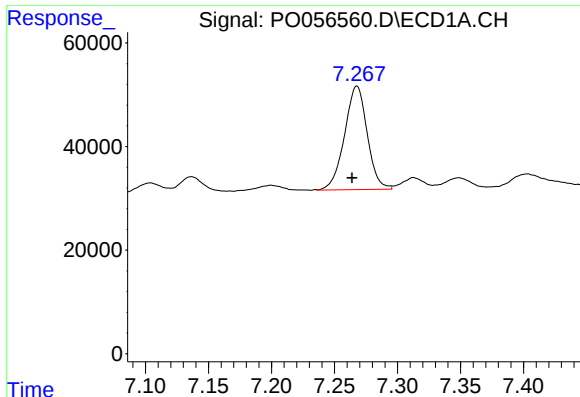
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#31 AR-1260-1

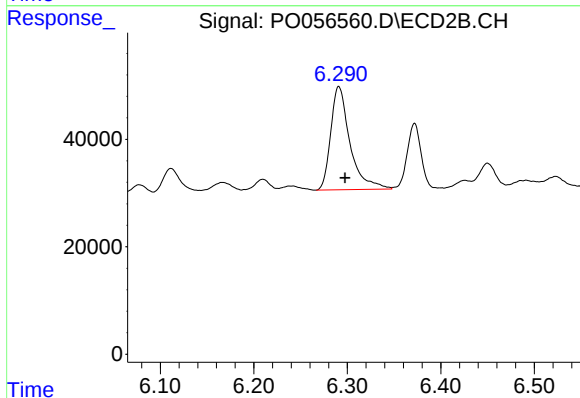
R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 53542
Conc: 26.77 ng/ml



#32 AR-1260-2

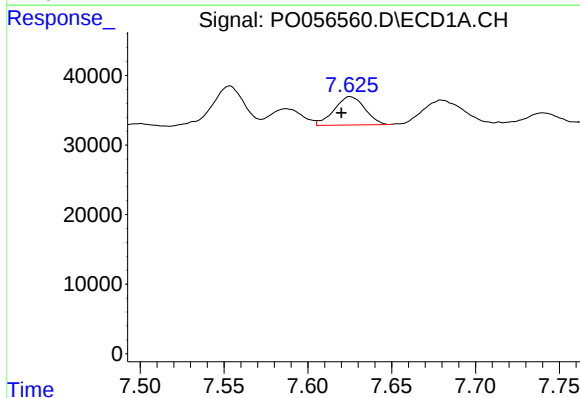
R.T.: 7.268 min
Delta R.T.: 0.004 min
Response: 250489
Conc: 82.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



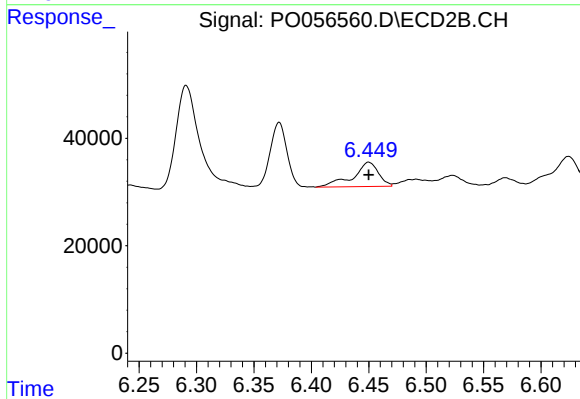
#32 AR-1260-2

R.T.: 6.291 min
Delta R.T.: -0.007 min
Response: 275285
Conc: 111.68 ng/ml



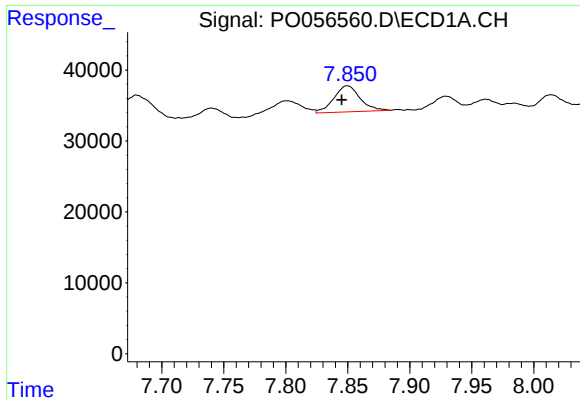
#33 AR-1260-3

R.T.: 7.626 min
Delta R.T.: 0.006 min
Response: 52012
Conc: 21.59 ng/ml



#33 AR-1260-3

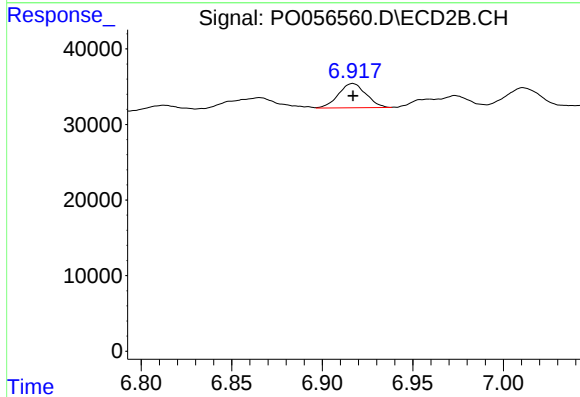
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 69657
Conc: 31.05 ng/ml



#34 AR-1260-4

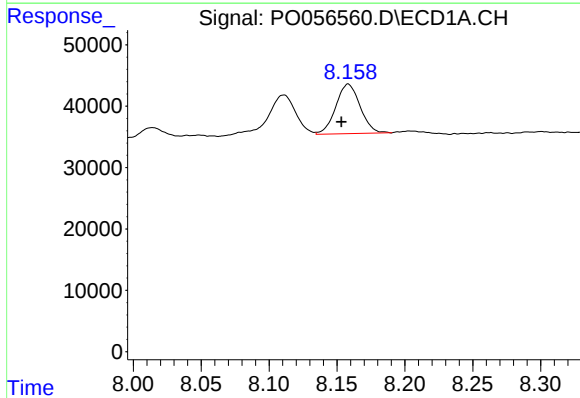
R.T.: 7.850 min
Delta R.T.: 0.005 min
Response: 53943
Conc: 20.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



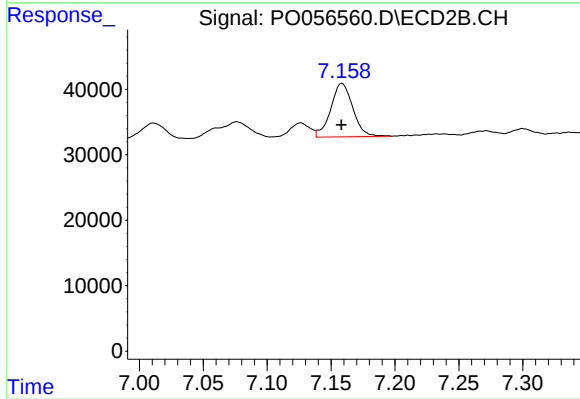
#34 AR-1260-4

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 33914
Conc: 18.22 ng/ml



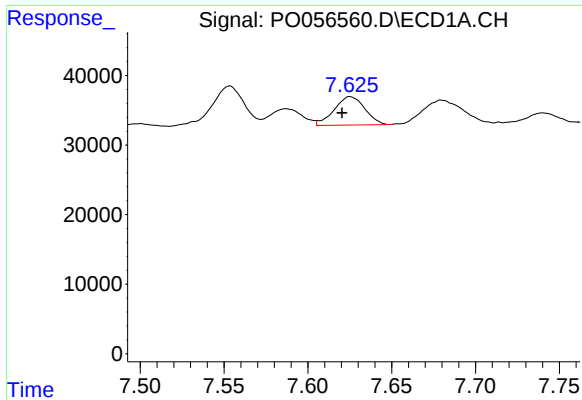
#35 AR-1260-5

R.T.: 8.158 min
Delta R.T.: 0.005 min
Response: 100272
Conc: 20.97 ng/ml



#35 AR-1260-5

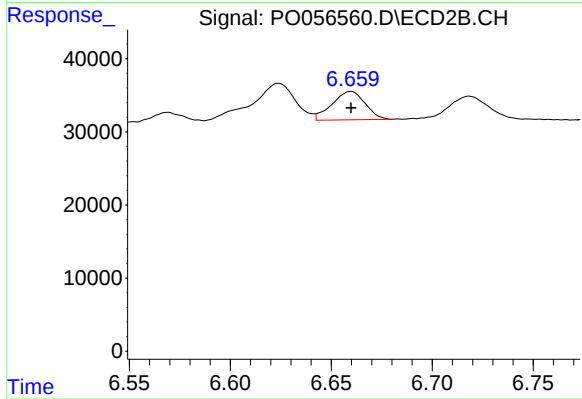
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 97936
Conc: 22.71 ng/ml



#36 AR-1262-1

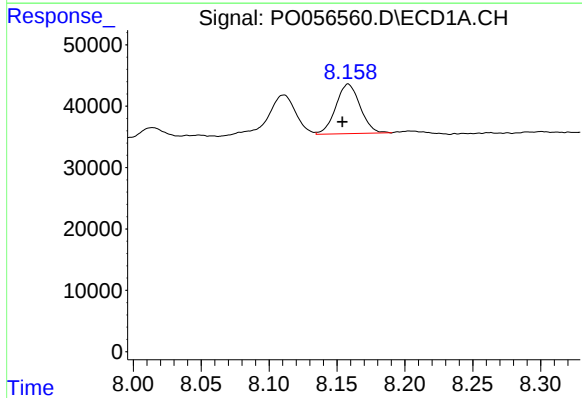
R.T.: 7.626 min
Delta R.T.: 0.005 min
Response: 52012
Conc: 11.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-9-S



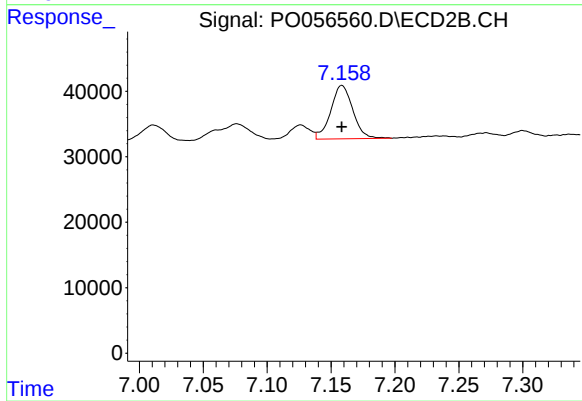
#36 AR-1262-1

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 44136
Conc: 10.57 ng/ml



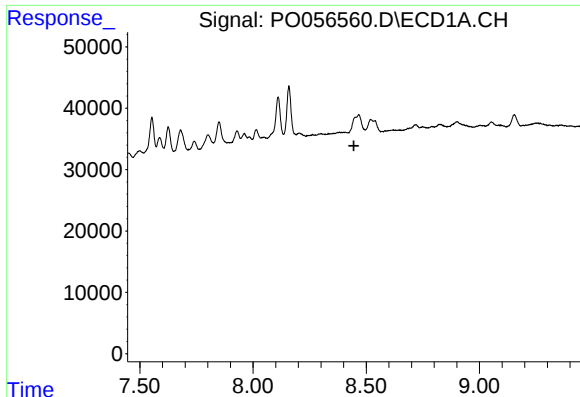
#37 AR-1262-2

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 100272
Conc: 13.15 ng/ml



#37 AR-1262-2

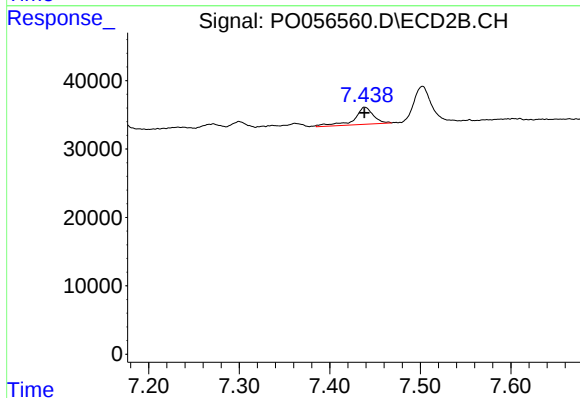
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 97936
Conc: 14.25 ng/ml



#38 AR-1262-3

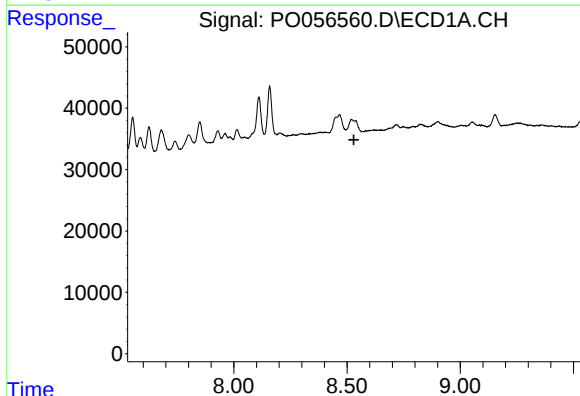
R.T.: 0.000 min
Exp R.T.: 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



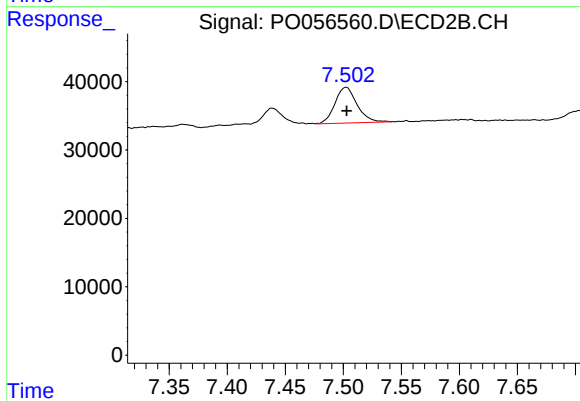
#38 AR-1262-3

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 36276
Conc: 12.28 ng/ml



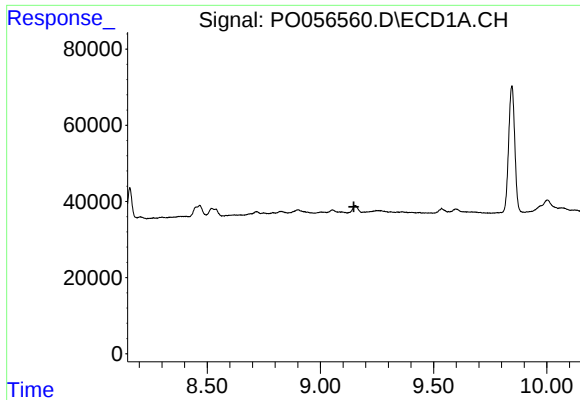
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.



#39 AR-1262-4

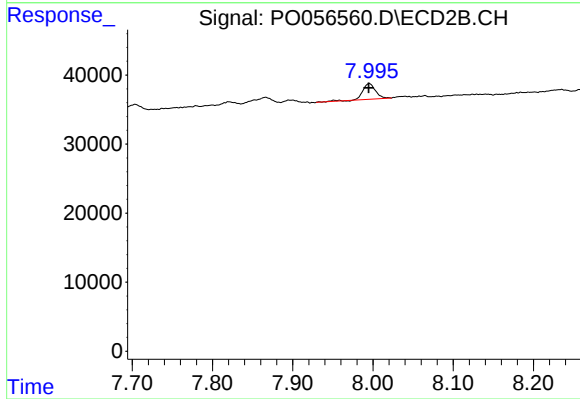
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 69222
Conc: 13.28 ng/ml



#40 AR-1262-5

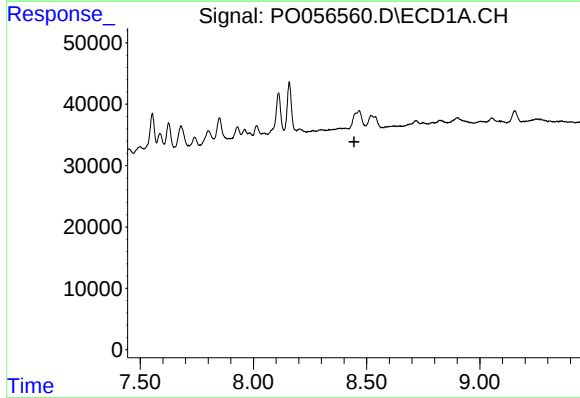
R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



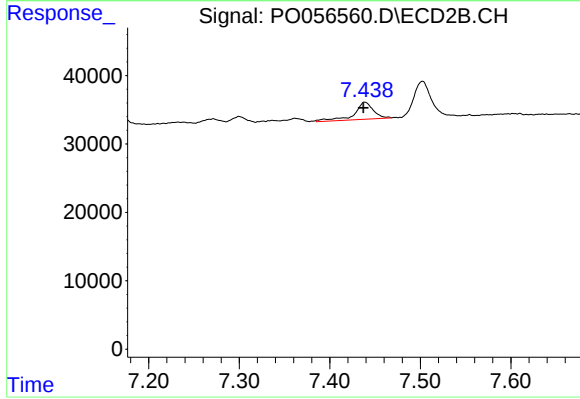
#40 AR-1262-5

R.T.: 7.995 min
Delta R.T.: 0.000 min
Response: 25385
Conc: 10.93 ng/ml



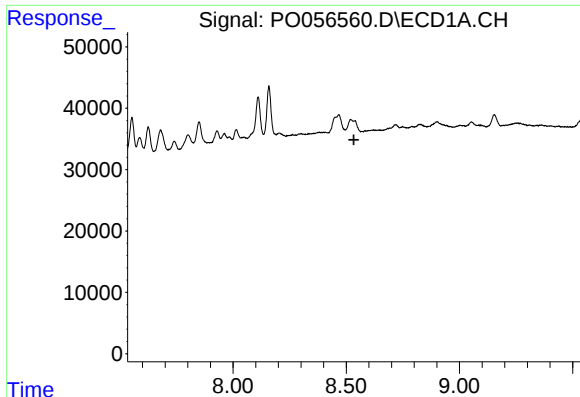
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



#41 AR-1268-1

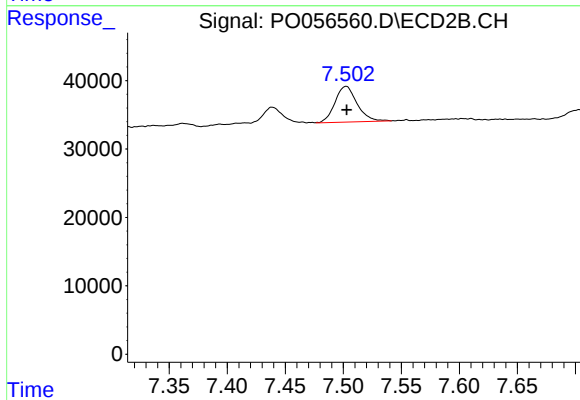
R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 36276
Conc: 4.86 ng/ml



#42 AR-1268-2

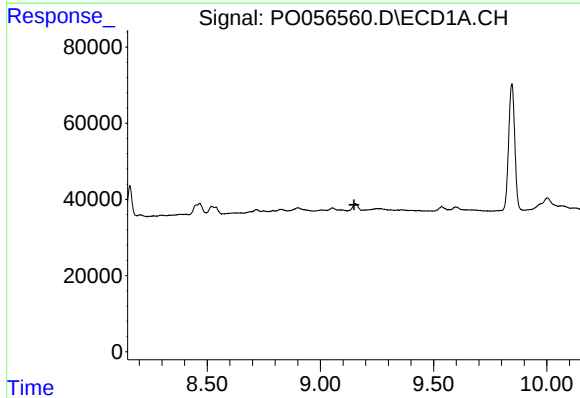
R.T.: 0.000 min
Exp R.T.: 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



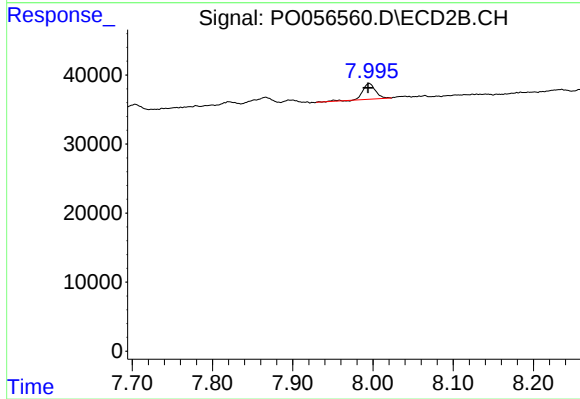
#42 AR-1268-2

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 69222
Conc: 9.91 ng/ml



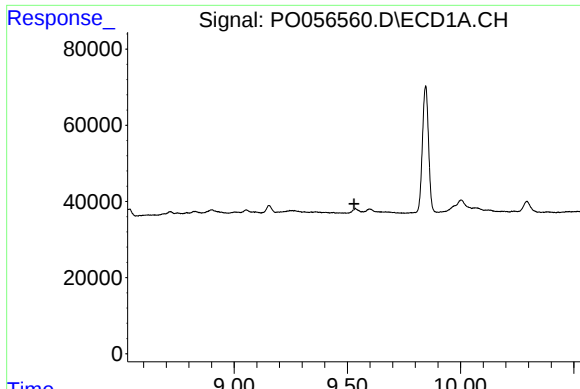
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.



#44 AR-1268-4

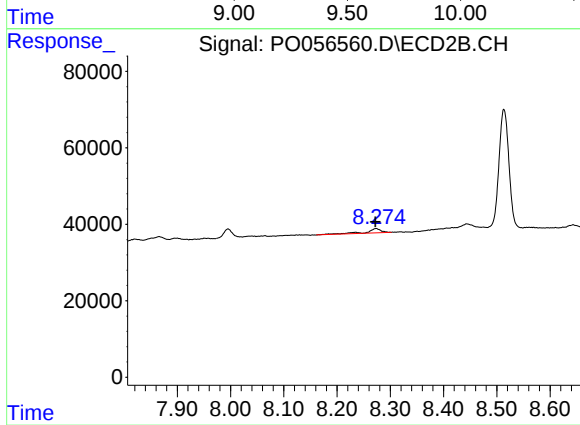
R.T.: 7.995 min
Delta R.T.: 0.001 min
Response: 25385
Conc: 10.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-9-S



#45 AR-1268-5

R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 21973
Conc: 1.27 ng/ml