

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060036.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 20:58
 Operator : SM/AJ
 Sample : K4439-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S-1-(1-3)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:09:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.121	3.499	915274	777765	26.141	21.607
2)	SA Decachlor...	9.583	8.354	987607	749680	18.564	18.593
Target Compounds							
3)	L1 AR-1016-1	5.291	0.000	19181	0	11.959	N.D. #
4)	L1 AR-1016-2	5.291	0.000	19181	0	8.017	N.D. #
5)	L1 AR-1016-3	5.355	0.000	5149	0	3.457	N.D. #
6)	L1 AR-1016-4	5.488	0.000	7860	0	6.497	N.D. #
7)	L1 AR-1016-5	5.728	4.932	5969	34312	4.648	29.787 #
8)	L2 AR-1221-1	4.376	0.000	2868	0	6.772	N.D. #
9)	L2 AR-1221-2	4.422	0.000	21060	0	64.840	N.D. #
10)	L2 AR-1221-3	4.498	3.926	11502	24910	10.935	25.459 #
11)	L3 AR-1232-1	4.498	3.926	11502	24910	9.228	21.848 #
12)	L3 AR-1232-2	5.021	0.000	5096	0	7.214	N.D. #
13)	L3 AR-1232-3	5.291	0.000	19181	0	12.526	N.D. #
14)	L3 AR-1232-4	5.536	0.000	9523	0	12.180	N.D. #
15)	L3 AR-1232-5	5.592	4.932	8507	34312	14.152	50.405 #
16)	L4 AR-1242-1	5.291	0.000	19181	0	15.109	N.D. #
17)	L4 AR-1242-2	5.291	0.000	19181	0	10.337	N.D. #
18)	L4 AR-1242-3	5.355	0.000	5149	0	4.405	N.D. #
19)	L4 AR-1242-4	5.536	0.000	9523	0	9.839	N.D. #
20)	L4 AR-1242-5	6.193	0.000	21782	0	17.334	N.D. #
21)	L5 AR-1248-1	5.291	0.000	19181	0	19.133	N.D. #
22)	L5 AR-1248-2	5.536	0.000	9523	0	6.563	N.D. #
23)	L5 AR-1248-3	5.693	0.000	22408	0	13.482	N.D. #
24)	L5 AR-1248-4	6.140	4.932	13623	34312	6.664	23.613 #
25)	L5 AR-1248-5	6.193	0.000	21782	0	10.984	N.D. #
26)	L6 AR-1254-1	6.110	0.000	34567	0	16.568	N.D. #
27)	L6 AR-1254-2	6.328	5.530	51060	115815	15.305	55.195 #
28)	L6 AR-1254-3	6.694	0.000	45486	0	12.819	N.D. #
29)	L6 AR-1254-4	6.970	0.000	15241	0	5.174	N.D. #
30)	L6 AR-1254-5	7.385	6.501	38446	18123	12.432	5.837 #
31)	L7 AR-1260-1	6.843	0.000	45528	0	16.888	N.D. #
32)	L7 AR-1260-2	7.099	0.000	31028	0	8.362	N.D. #
33)	L7 AR-1260-3	7.452	0.000	21752	0	6.639	N.D. #
34)	L7 AR-1260-4	7.684	0.000	40676	0	13.244	N.D. #
35)	L7 AR-1260-5	7.986	7.032	142679	40543	20.150	7.367 #
36)	L8 AR-1262-1	7.519	6.501	18882	18123	3.891	4.862
37)	L8 AR-1262-2	8.052	7.032	53537	40543	6.939	6.896
38)	L8 AR-1262-3	8.287	7.306	50636	13914	9.924	5.476 #
39)	L8 AR-1262-4	8.350	7.371	139084	30587	36.081	6.922 #
40)	L8 AR-1262-5	8.940	7.863	83213	33463	32.422	18.533 #
41)	L9 AR-1268-1	8.287	7.306	50636	13914	5.381	1.954 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060036.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 20:58
 Operator : SM/AJ
 Sample : K4439-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

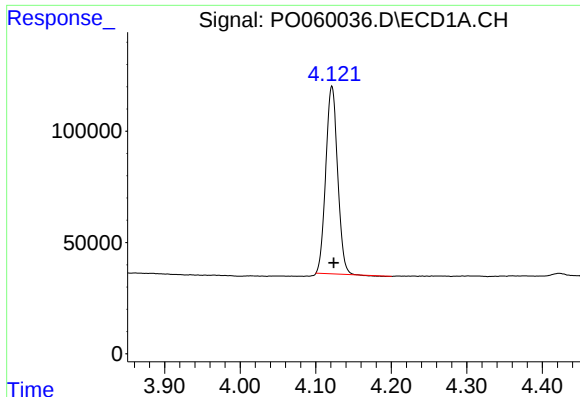
Instrument :
 ECD_O
 ClientSampleId :
 S-1-(1-3)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:09:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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
42) L9	AR-1268-2	8.350	7.371	139084	30587	17.644	4.744 #
43) L9	AR-1268-3	8.595	7.567	48177	30977	6.835	5.661
44) L9	AR-1268-4	8.940	7.863	83213	33463	29.932	16.393 #
45) L9	AR-1268-5	9.342	8.129	11980	106755	0.650	7.347 #

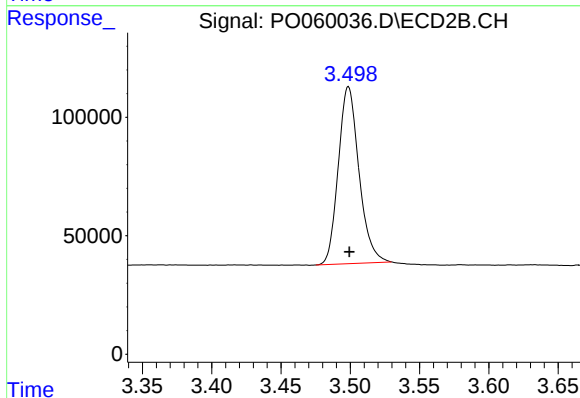
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

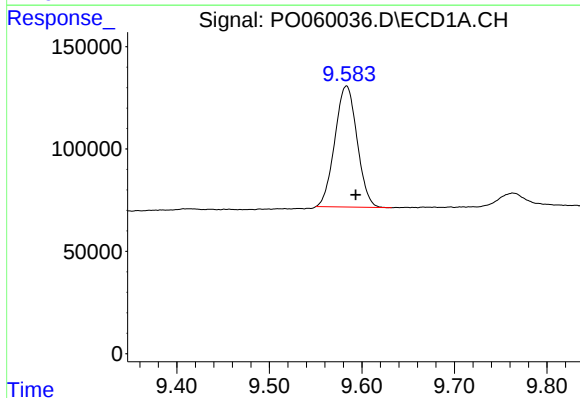
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 915274
Conc: 26.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



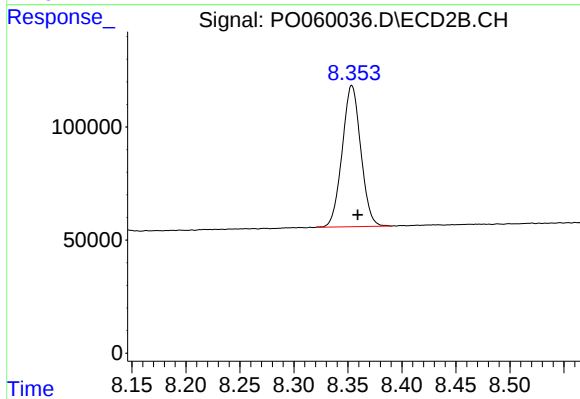
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 777765
Conc: 21.61 ng/ml



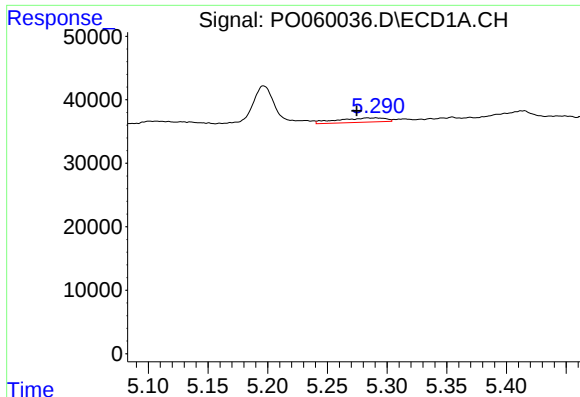
#2 Decachlorobiphenyl

R.T.: 9.583 min
Delta R.T.: -0.010 min
Response: 987607
Conc: 18.56 ng/ml



#2 Decachlorobiphenyl

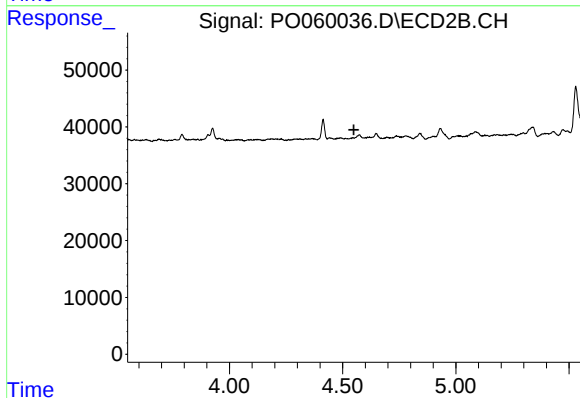
R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 749680
Conc: 18.59 ng/ml



#3 AR-1016-1

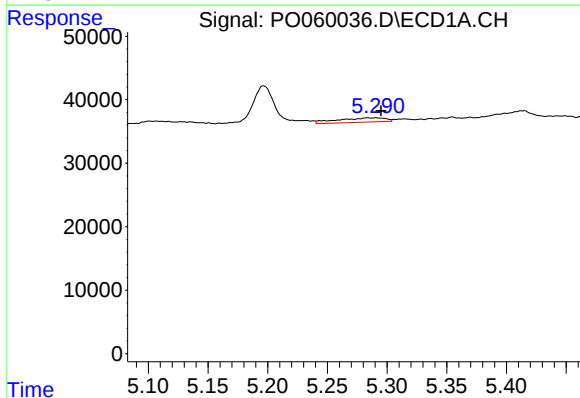
R.T.: 5.291 min
Delta R.T.: 0.016 min
Response: 19181
Conc: 11.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



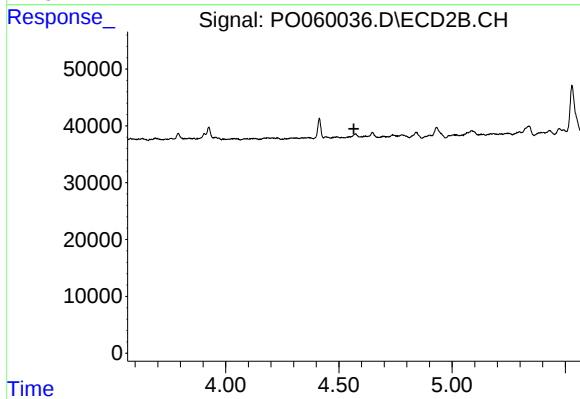
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



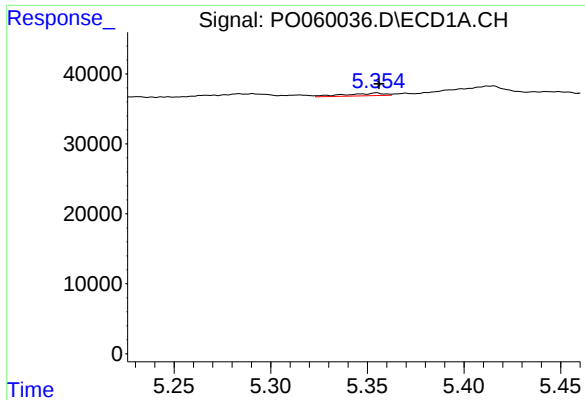
#4 AR-1016-2

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 19181
Conc: 8.02 ng/ml



#4 AR-1016-2

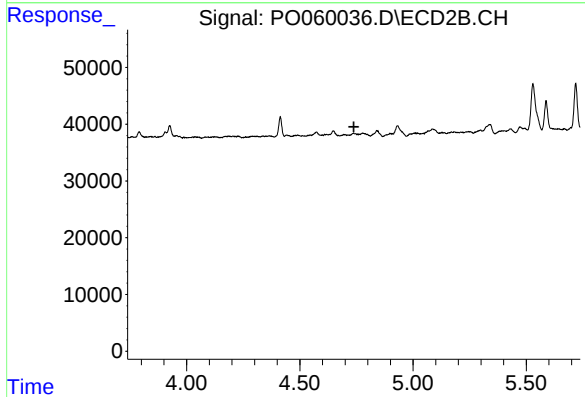
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

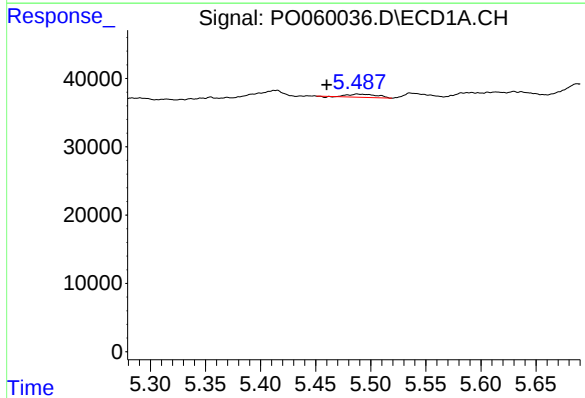
R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 5149
Conc: 3.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



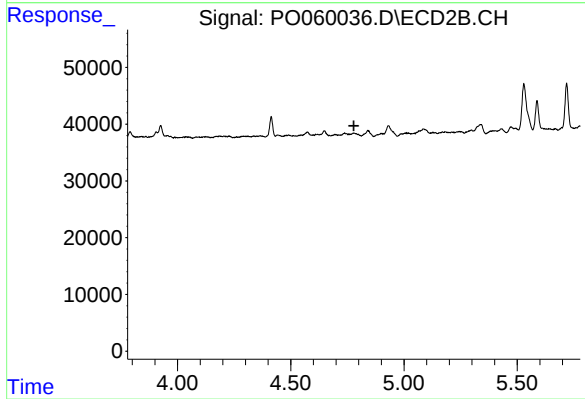
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



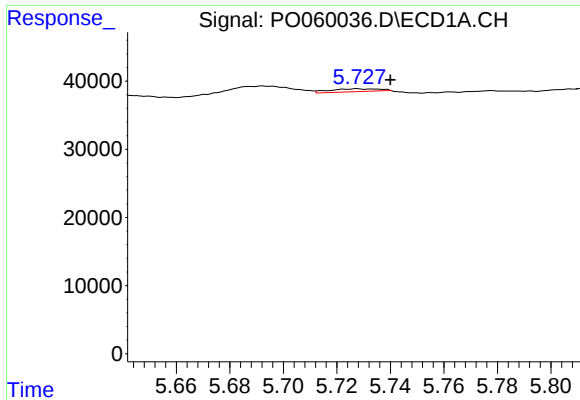
#6 AR-1016-4

R.T.: 5.488 min
Delta R.T.: 0.028 min
Response: 7860
Conc: 6.50 ng/ml



#6 AR-1016-4

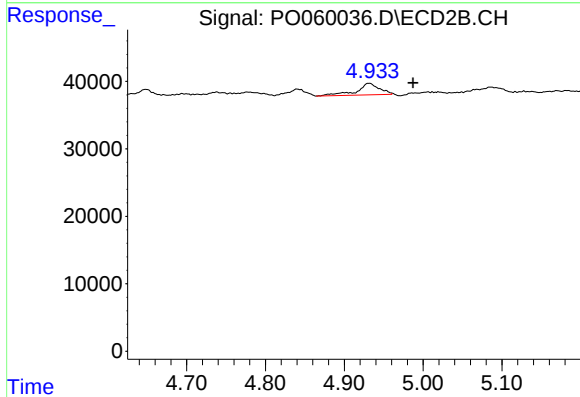
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

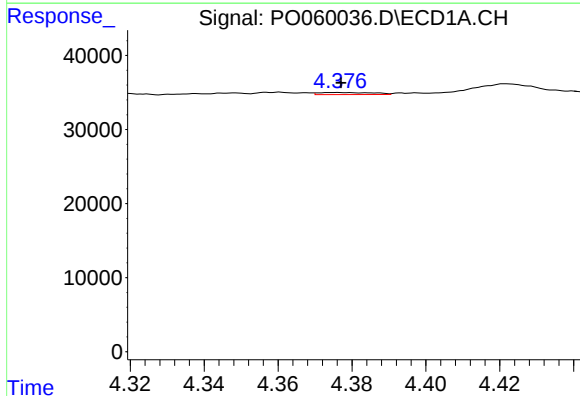
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 5969
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



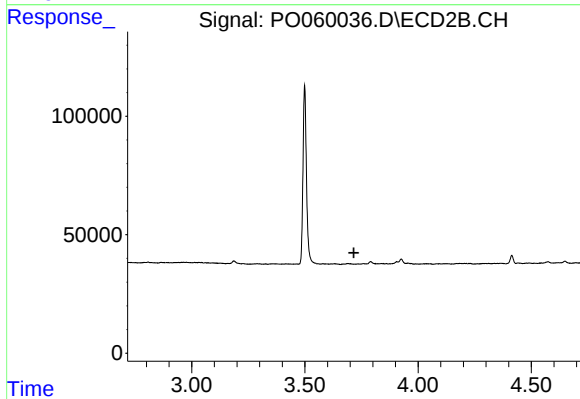
#7 AR-1016-5

R.T.: 4.932 min
Delta R.T.: -0.055 min
Response: 34312
Conc: 29.79 ng/ml



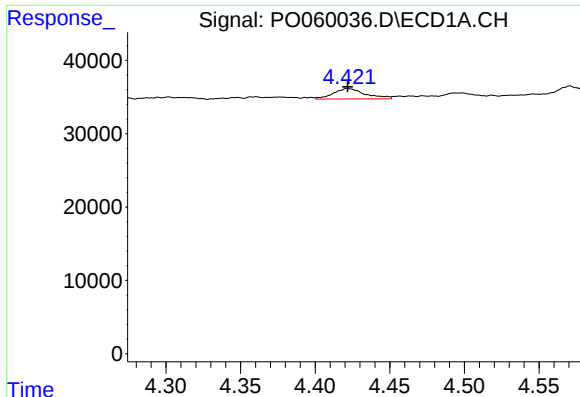
#8 AR-1221-1

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 2868
Conc: 6.77 ng/ml



#8 AR-1221-1

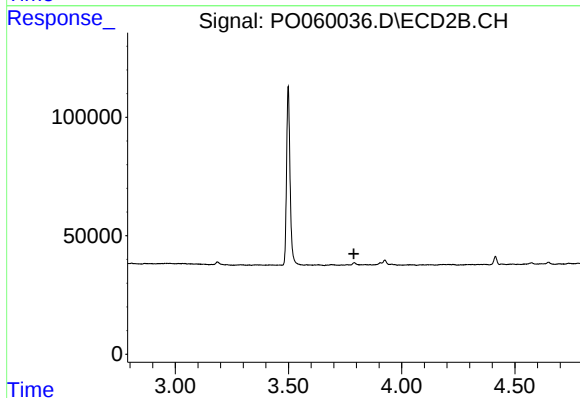
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

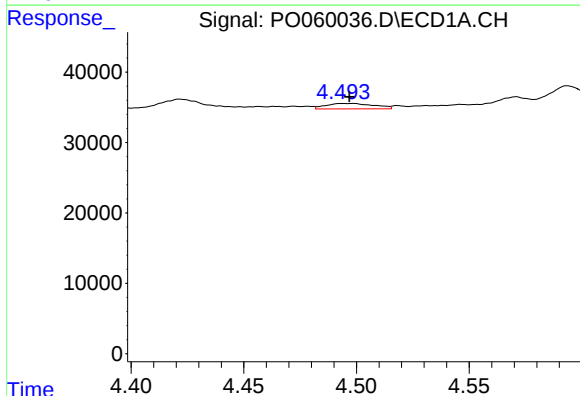
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 21060
Conc: 64.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



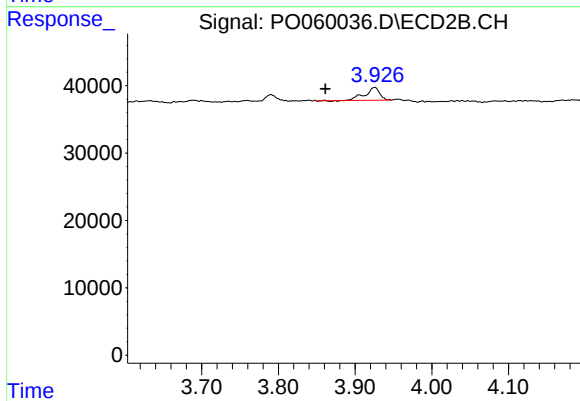
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



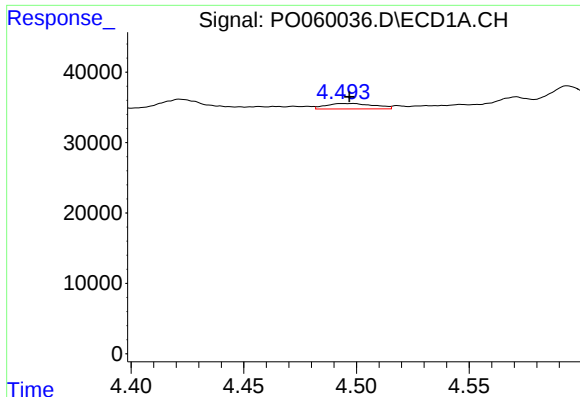
#10 AR-1221-3

R.T.: 4.498 min
Delta R.T.: 0.001 min
Response: 11502
Conc: 10.94 ng/ml



#10 AR-1221-3

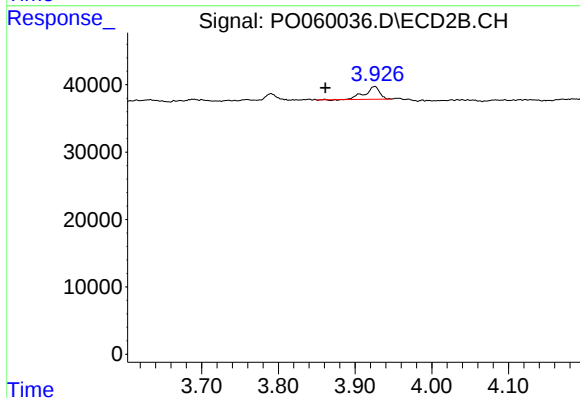
R.T.: 3.926 min
Delta R.T.: 0.064 min
Response: 24910
Conc: 25.46 ng/ml



#11 AR-1232-1

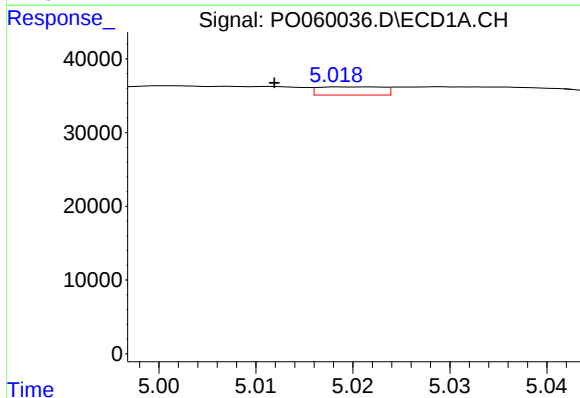
R.T.: 4.498 min
Delta R.T.: 0.001 min
Response: 11502
Conc: 9.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



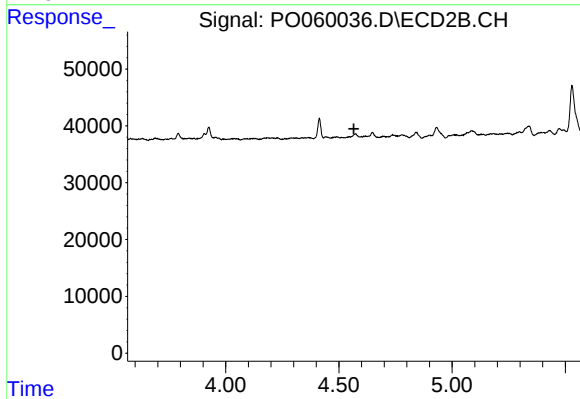
#11 AR-1232-1

R.T.: 3.926 min
Delta R.T.: 0.064 min
Response: 24910
Conc: 21.85 ng/ml



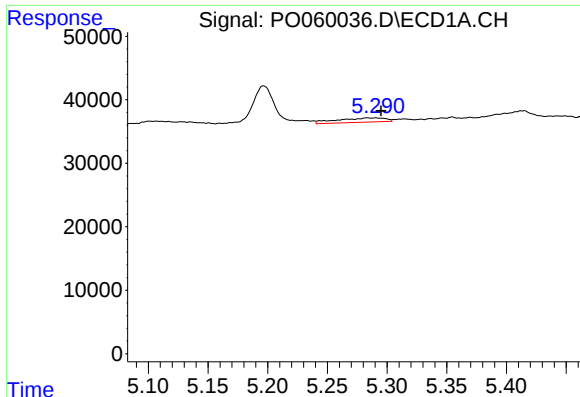
#12 AR-1232-2

R.T.: 5.021 min
Delta R.T.: 0.009 min
Response: 5096
Conc: 7.21 ng/ml



#12 AR-1232-2

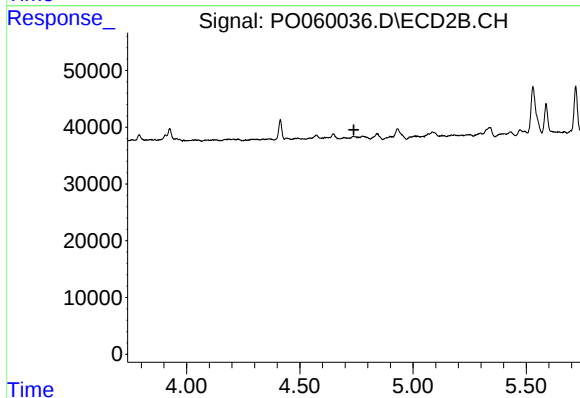
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

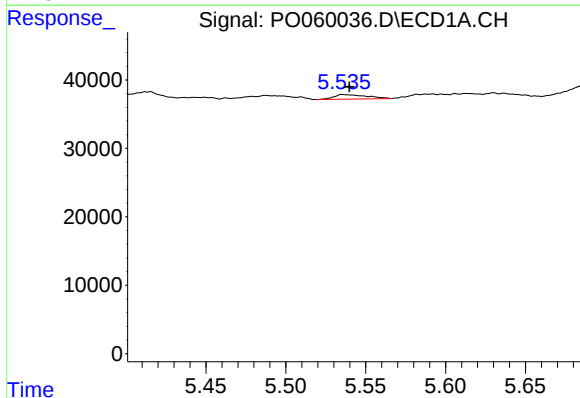
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 19181
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



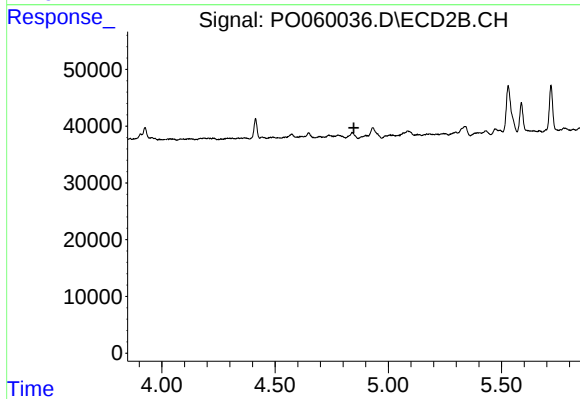
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



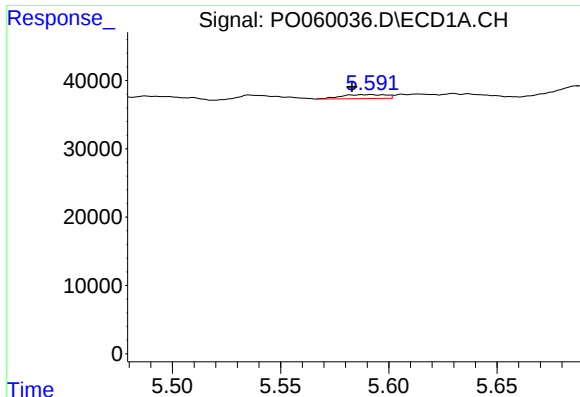
#14 AR-1232-4

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 9523
Conc: 12.18 ng/ml



#14 AR-1232-4

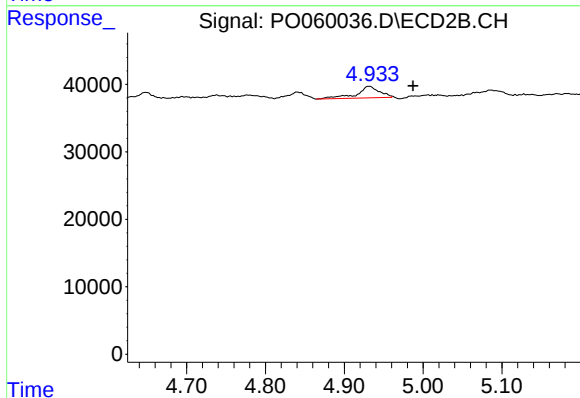
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

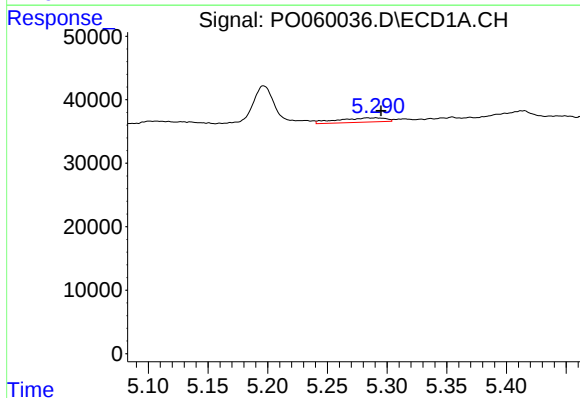
R.T.: 5.592 min
Delta R.T.: 0.009 min
Response: 8507
Conc: 14.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



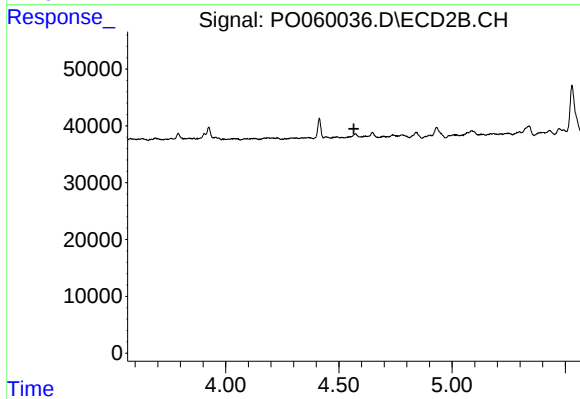
#15 AR-1232-5

R.T.: 4.932 min
Delta R.T.: -0.055 min
Response: 34312
Conc: 50.40 ng/ml



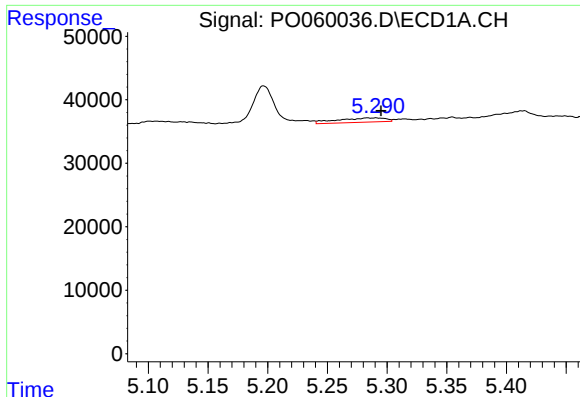
#16 AR-1242-1

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 19181
Conc: 15.11 ng/ml



#16 AR-1242-1

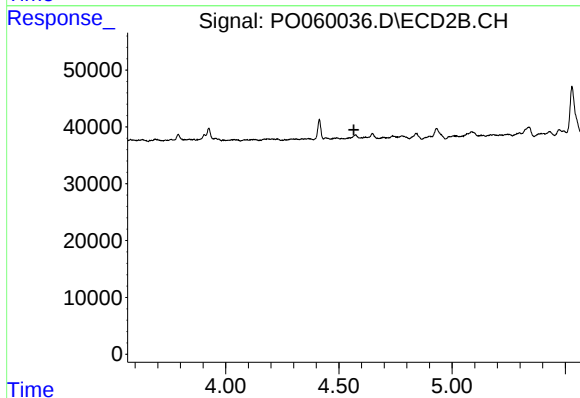
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

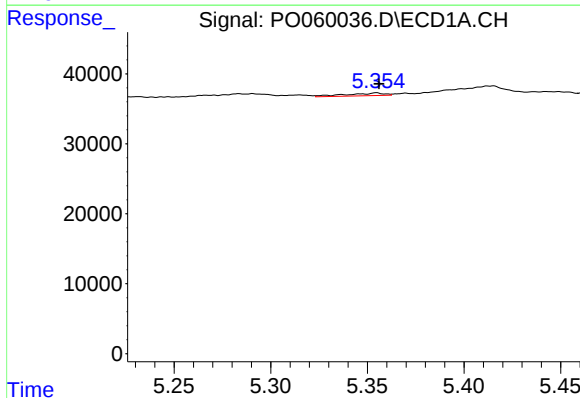
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 19181
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



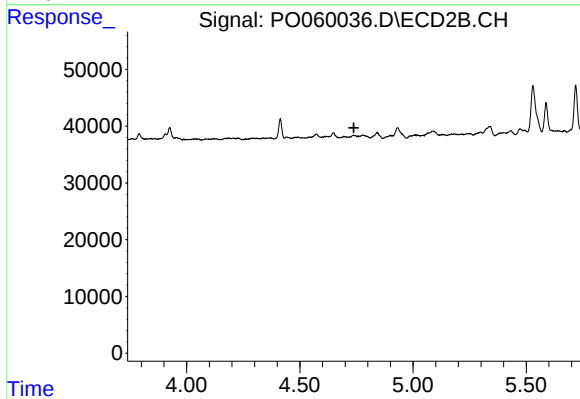
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



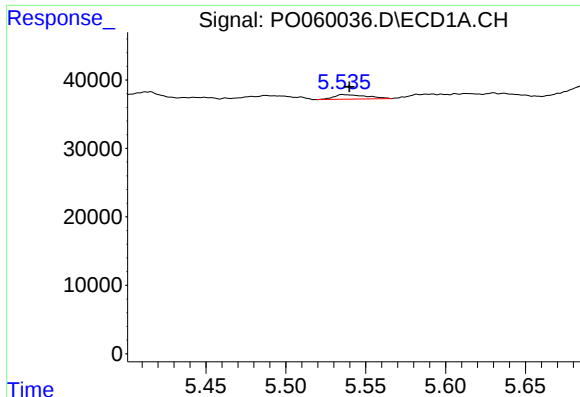
#18 AR-1242-3

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 5149
Conc: 4.41 ng/ml



#18 AR-1242-3

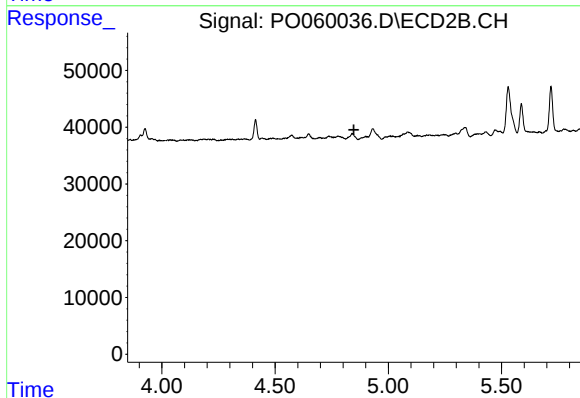
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

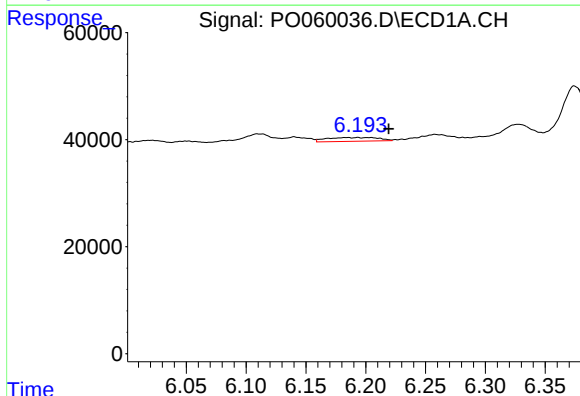
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 9523
Conc: 9.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



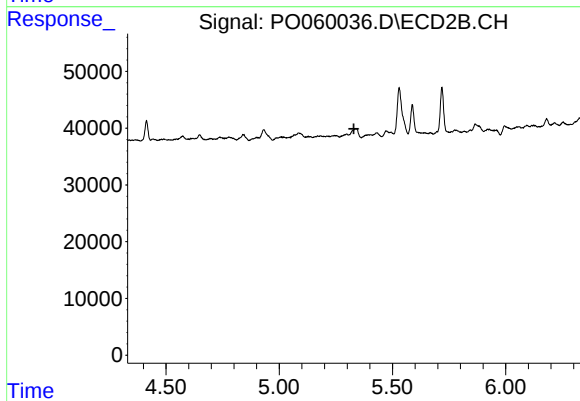
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



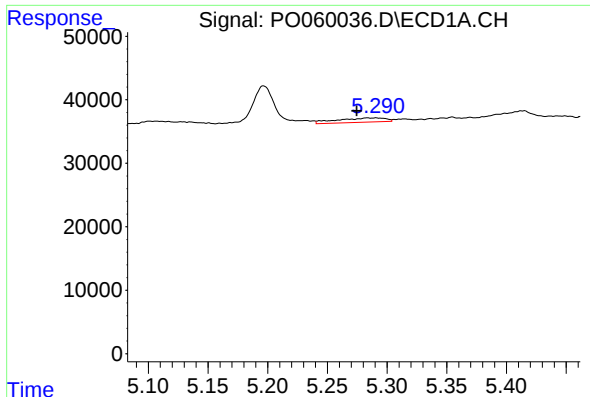
#20 AR-1242-5

R.T.: 6.193 min
Delta R.T.: -0.026 min
Response: 21782
Conc: 17.33 ng/ml



#20 AR-1242-5

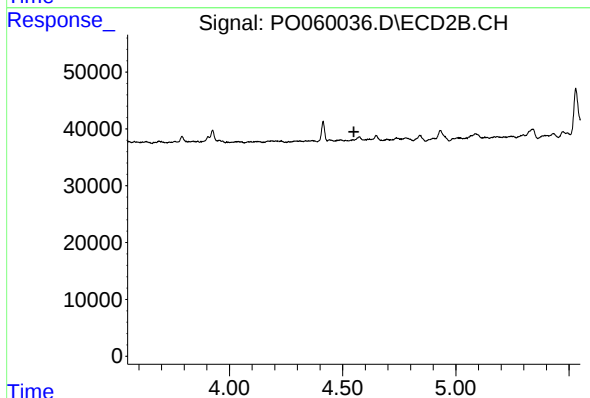
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

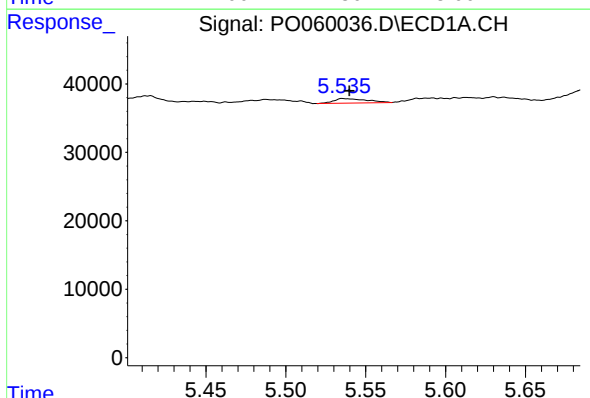
R.T.: 5.291 min
Delta R.T.: 0.016 min
Response: 19181
Conc: 19.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



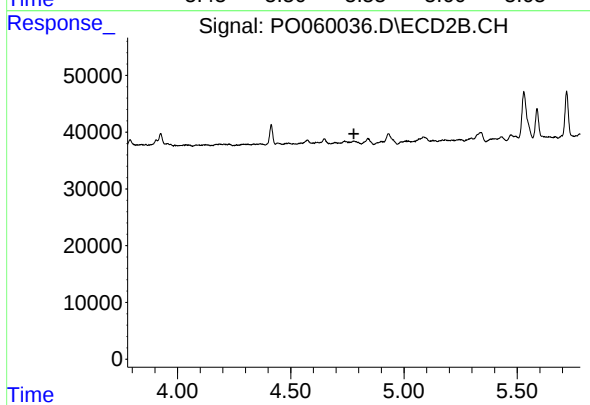
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



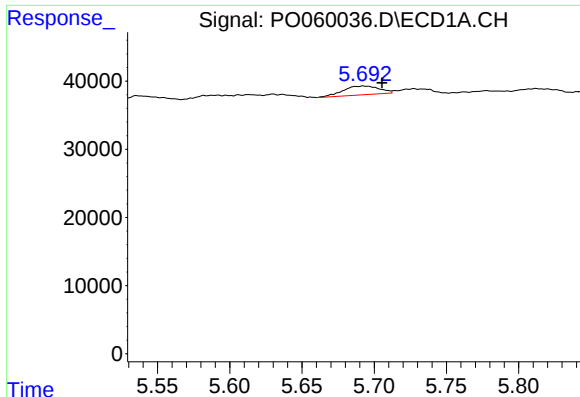
#22 AR-1248-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 9523
Conc: 6.56 ng/ml



#22 AR-1248-2

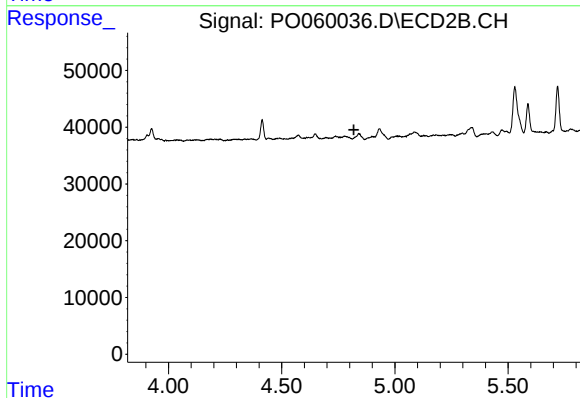
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

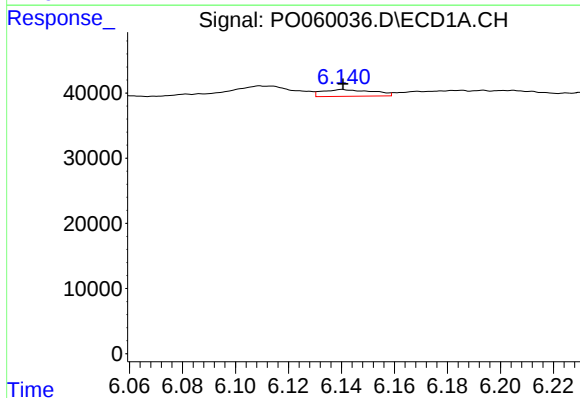
R.T.: 5.693 min
Delta R.T.: -0.013 min
Response: 22408
Conc: 13.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



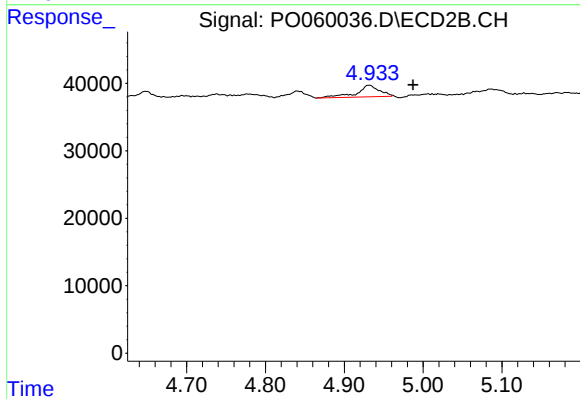
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



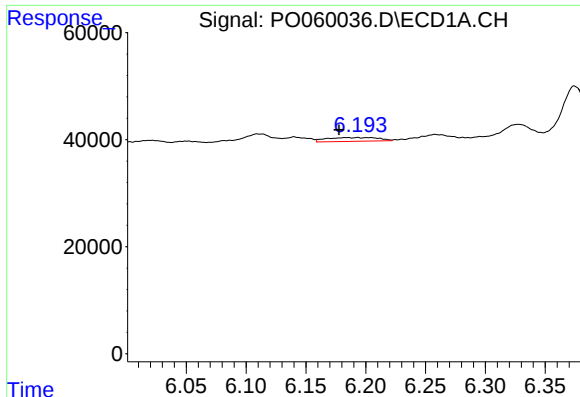
#24 AR-1248-4

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 13623
Conc: 6.66 ng/ml



#24 AR-1248-4

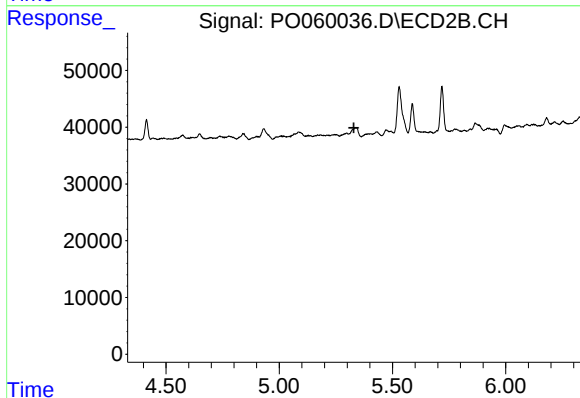
R.T.: 4.932 min
Delta R.T.: -0.055 min
Response: 34312
Conc: 23.61 ng/ml



#25 AR-1248-5

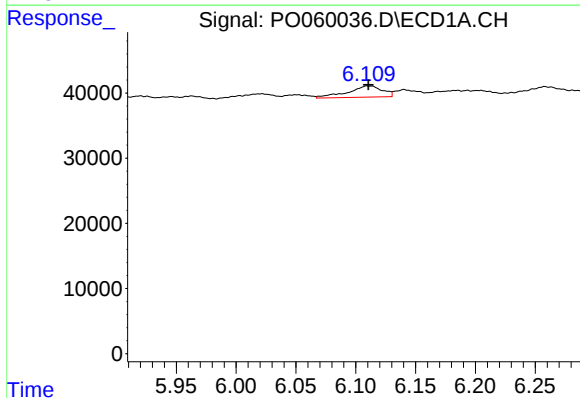
R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 21782
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



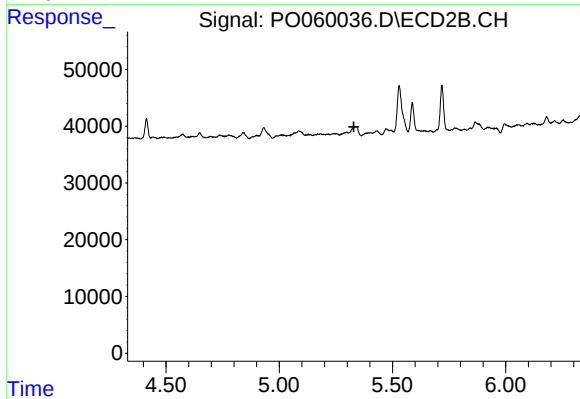
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



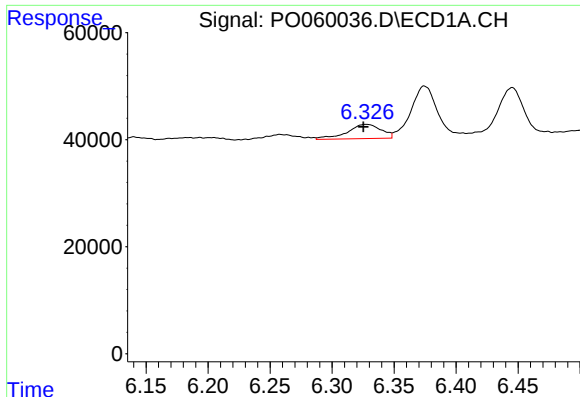
#26 AR-1254-1

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 34567
Conc: 16.57 ng/ml



#26 AR-1254-1

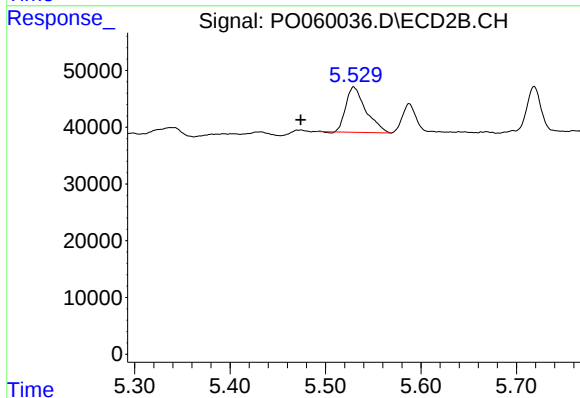
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

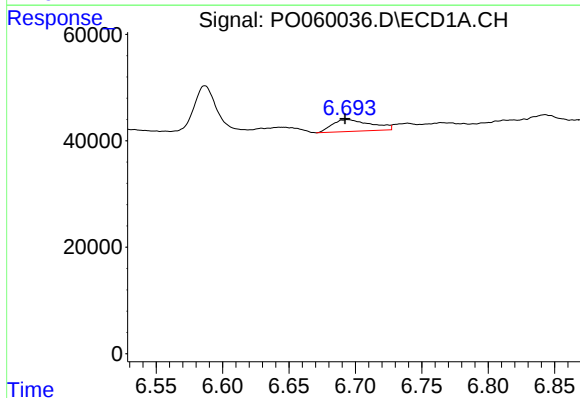
R.T.: 6.328 min
Delta R.T.: 0.003 min
Response: 51060
Conc: 15.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



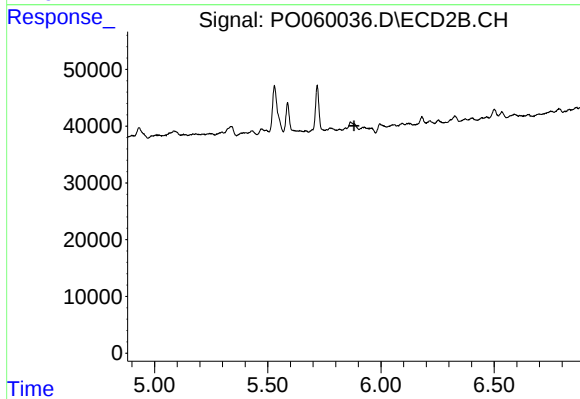
#27 AR-1254-2

R.T.: 5.530 min
Delta R.T.: 0.056 min
Response: 115815
Conc: 55.19 ng/ml



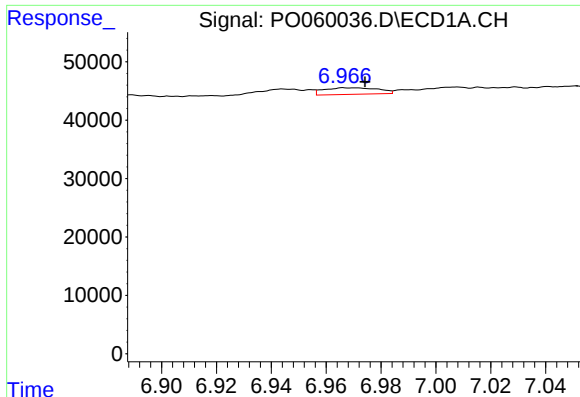
#28 AR-1254-3

R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 45486
Conc: 12.82 ng/ml



#28 AR-1254-3

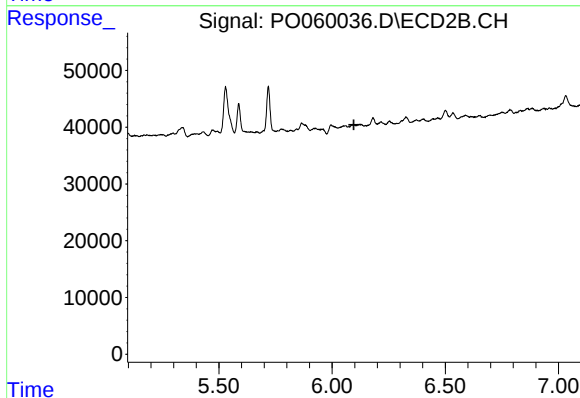
R.T.: 0.000 min
Exp R.T.: 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

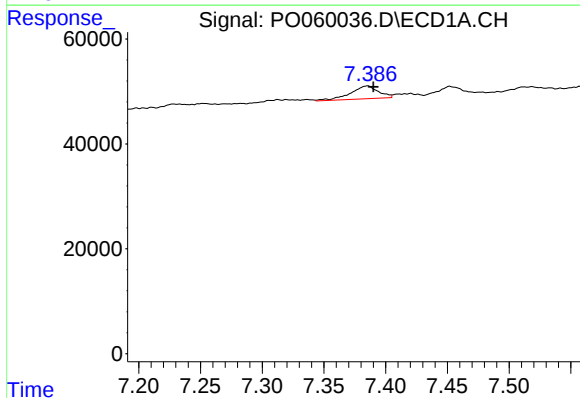
R.T.: 6.970 min
Delta R.T.: -0.004 min
Response: 15241
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



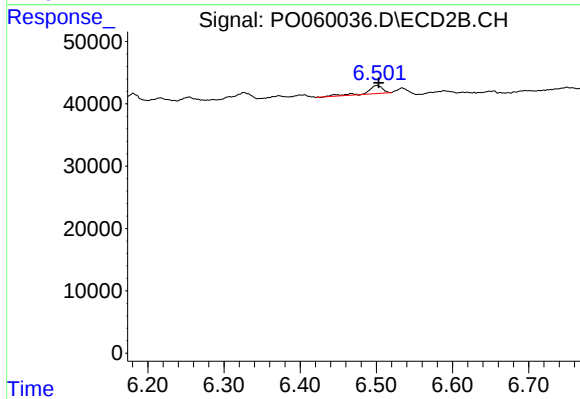
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



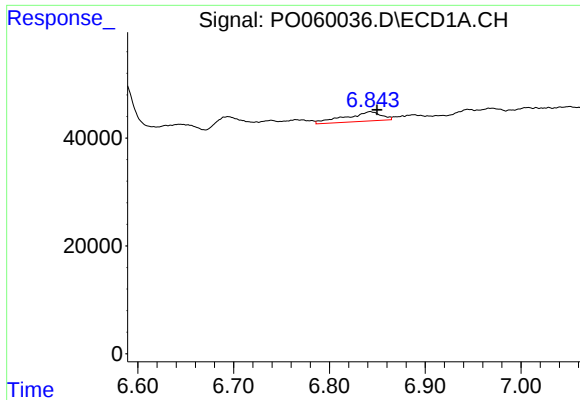
#30 AR-1254-5

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 38446
Conc: 12.43 ng/ml



#30 AR-1254-5

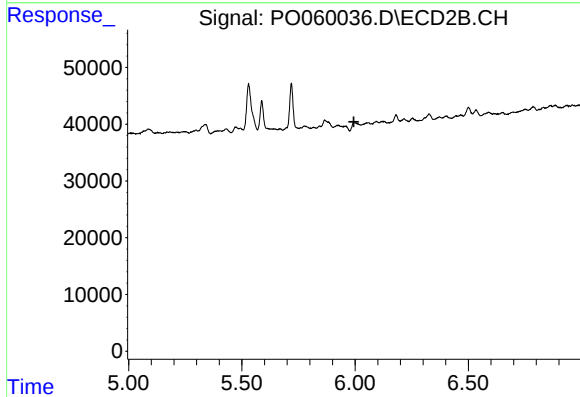
R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 18123
Conc: 5.84 ng/ml



#31 AR-1260-1

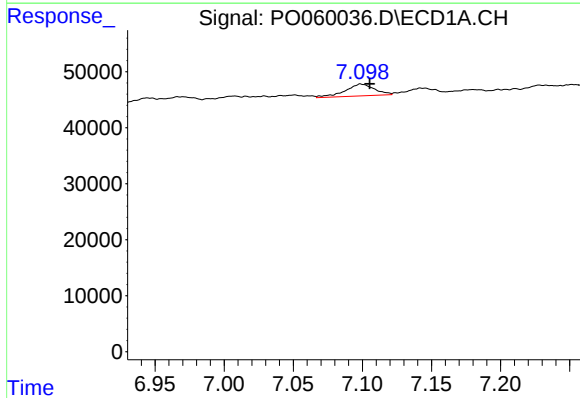
R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 45528
Conc: 16.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



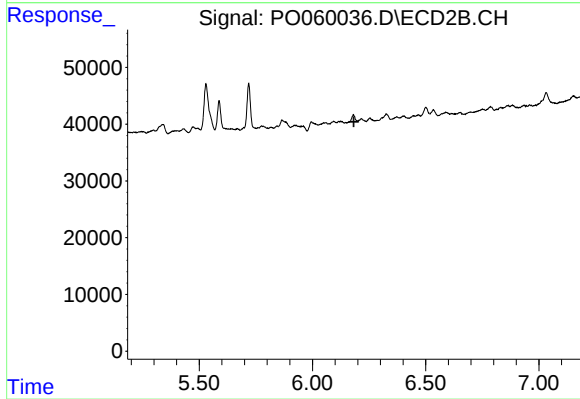
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



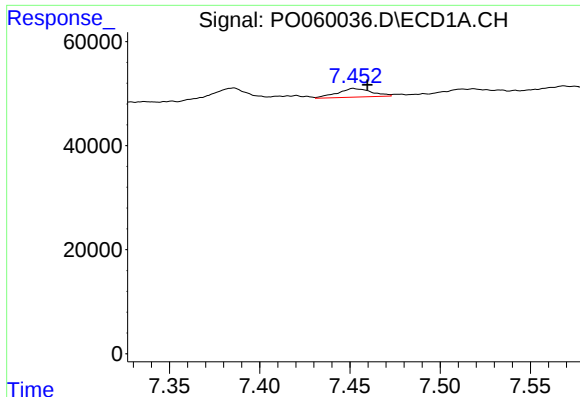
#32 AR-1260-2

R.T.: 7.099 min
Delta R.T.: -0.006 min
Response: 31028
Conc: 8.36 ng/ml



#32 AR-1260-2

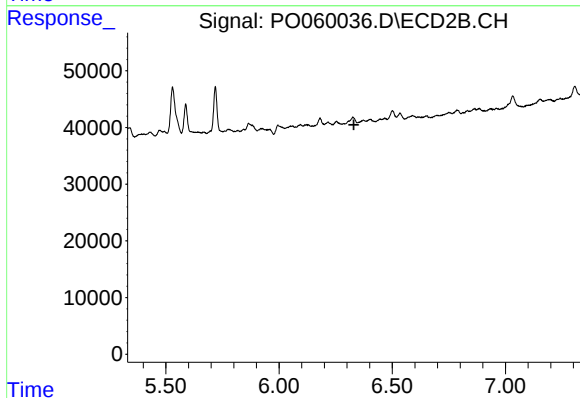
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

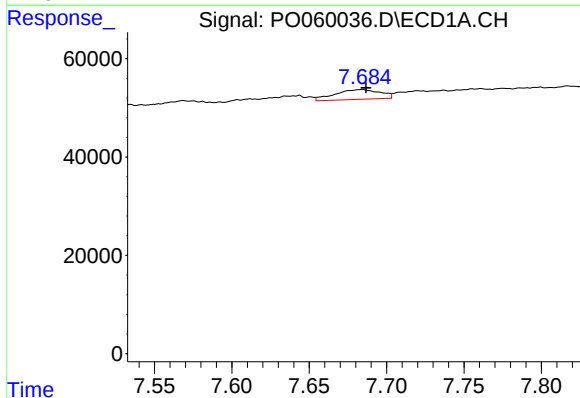
R.T.: 7.452 min
Delta R.T.: -0.007 min
Response: 21752
Conc: 6.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



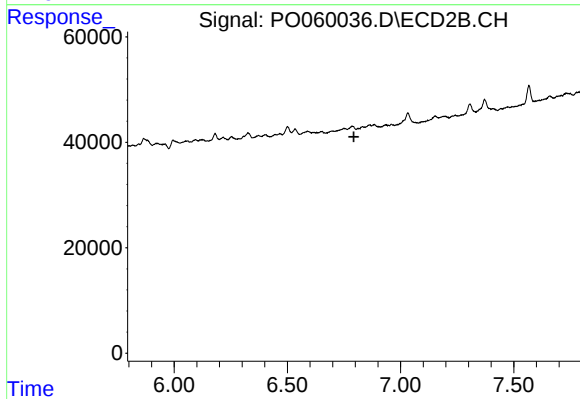
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



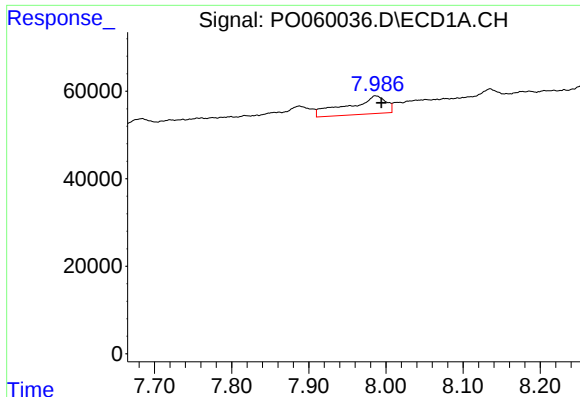
#34 AR-1260-4

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 40676
Conc: 13.24 ng/ml



#34 AR-1260-4

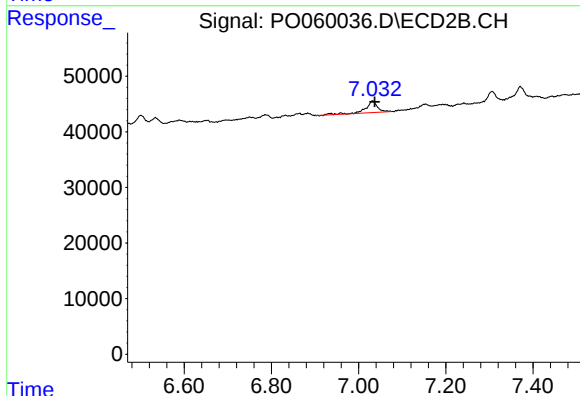
R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

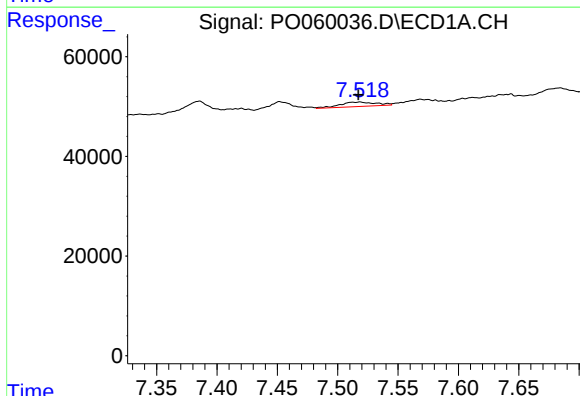
R.T.: 7.986 min
Delta R.T.: -0.008 min
Response: 142679
Conc: 20.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



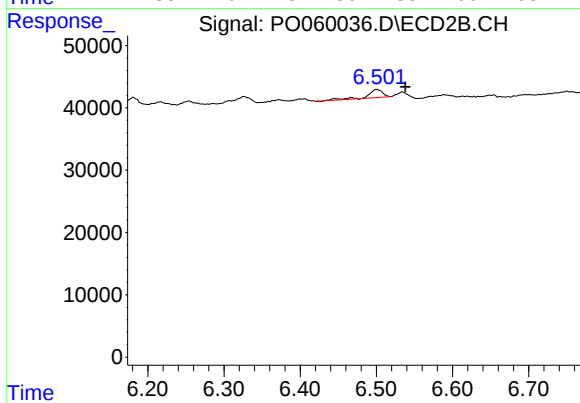
#35 AR-1260-5

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 40543
Conc: 7.37 ng/ml



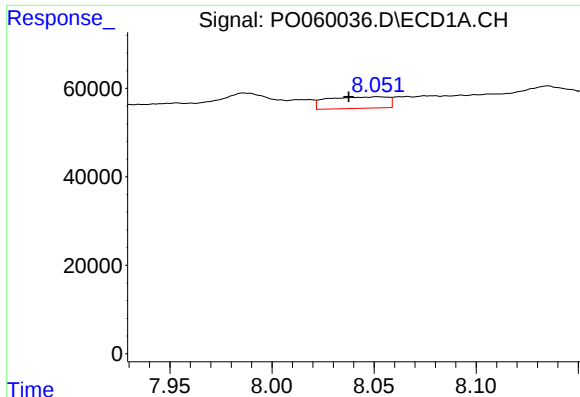
#36 AR-1262-1

R.T.: 7.519 min
Delta R.T.: 0.001 min
Response: 18882
Conc: 3.89 ng/ml



#36 AR-1262-1

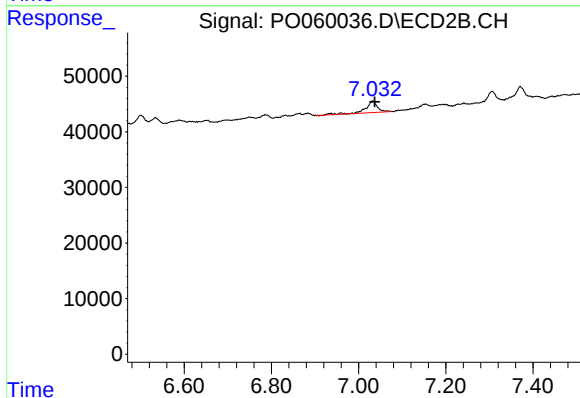
R.T.: 6.501 min
Delta R.T.: -0.037 min
Response: 18123
Conc: 4.86 ng/ml



#37 AR-1262-2

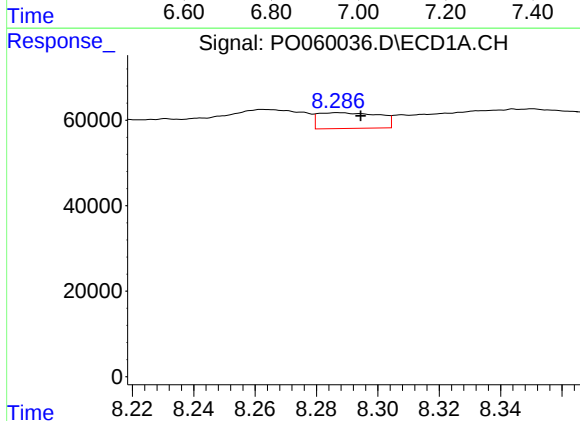
R.T.: 8.052 min
Delta R.T.: 0.014 min
Response: 53537
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



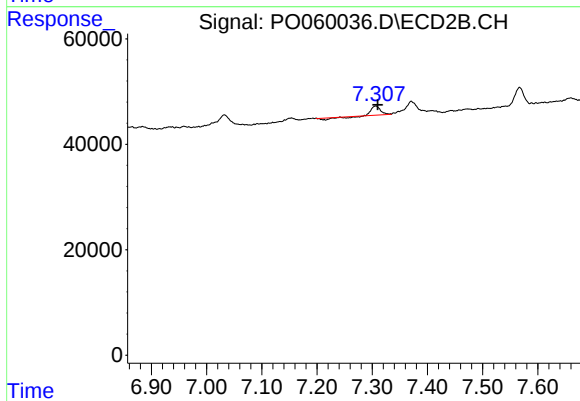
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 40543
Conc: 6.90 ng/ml



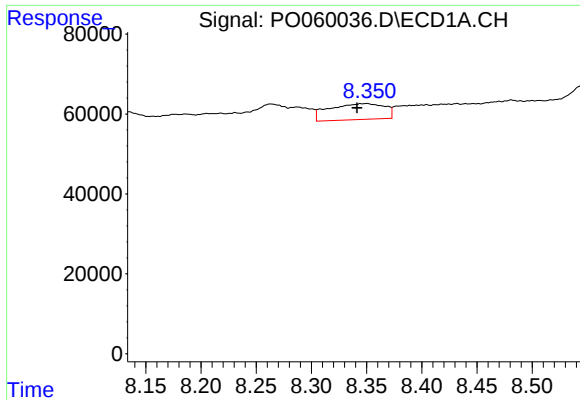
#38 AR-1262-3

R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 50636
Conc: 9.92 ng/ml



#38 AR-1262-3

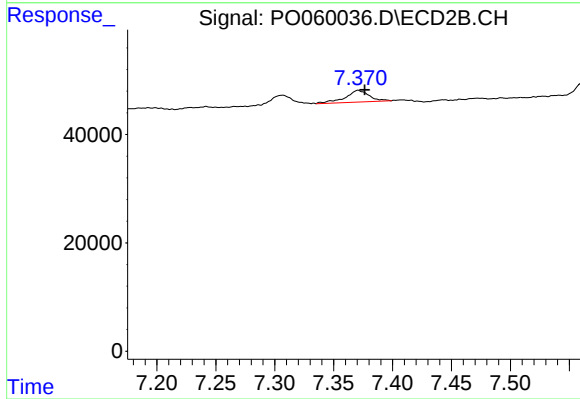
R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 13914
Conc: 5.48 ng/ml



#39 AR-1262-4

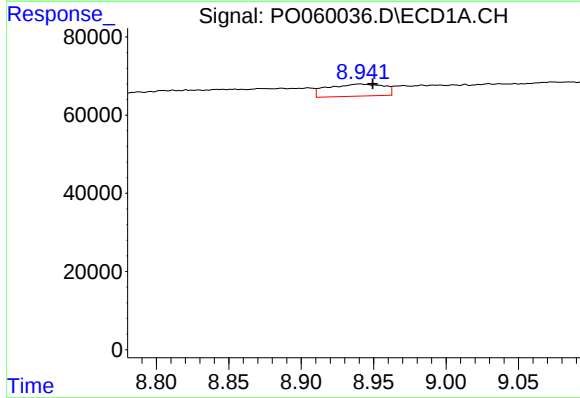
R.T.: 8.350 min
Delta R.T.: 0.009 min
Response: 139084
Conc: 36.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



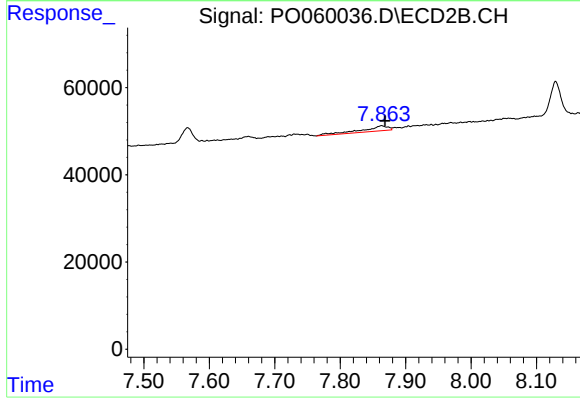
#39 AR-1262-4

R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 30587
Conc: 6.92 ng/ml



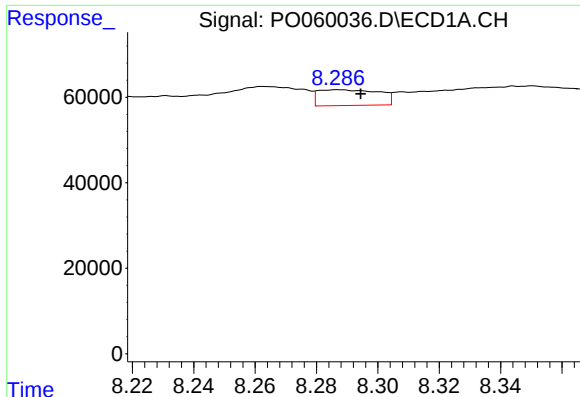
#40 AR-1262-5

R.T.: 8.940 min
Delta R.T.: -0.009 min
Response: 83213
Conc: 32.42 ng/ml



#40 AR-1262-5

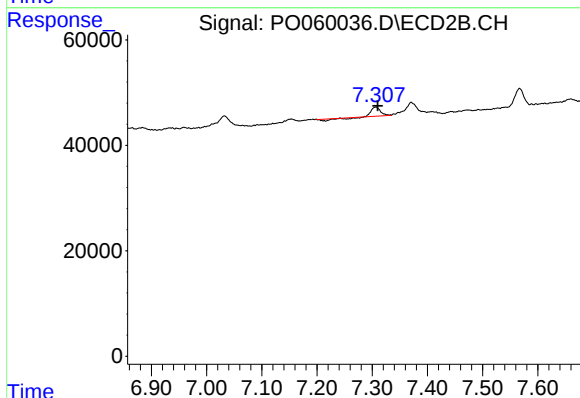
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 33463
Conc: 18.53 ng/ml



#41 AR-1268-1

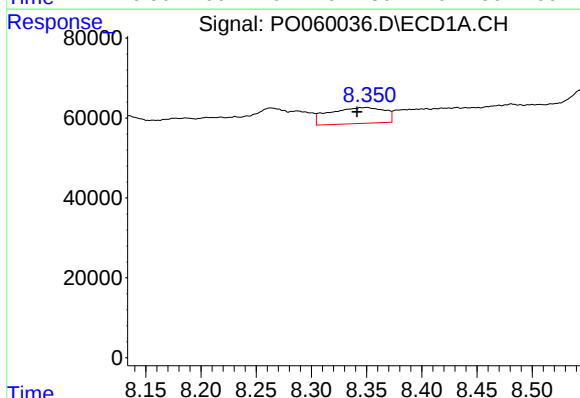
R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 50636
Conc: 5.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



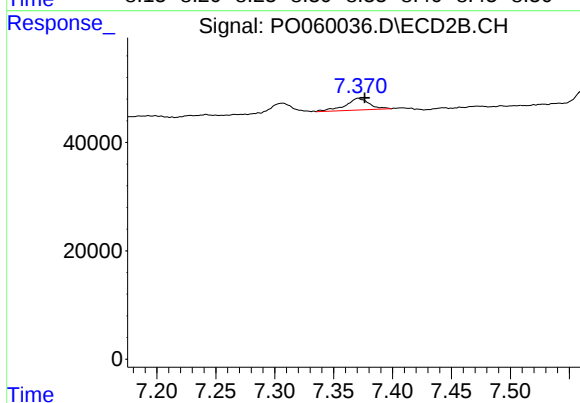
#41 AR-1268-1

R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 13914
Conc: 1.95 ng/ml



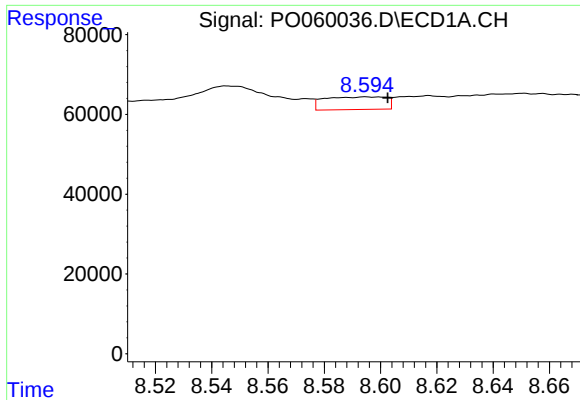
#42 AR-1268-2

R.T.: 8.350 min
Delta R.T.: 0.009 min
Response: 139084
Conc: 17.64 ng/ml



#42 AR-1268-2

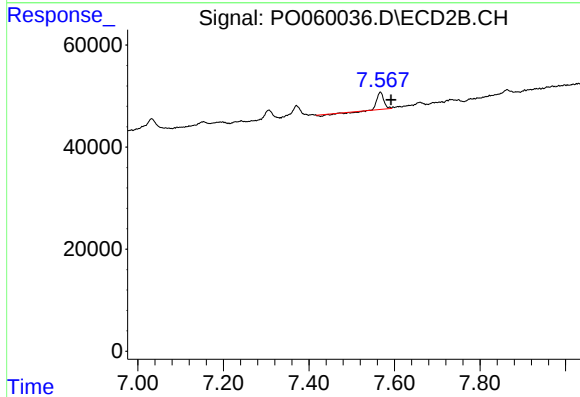
R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 30587
Conc: 4.74 ng/ml



#43 AR-1268-3

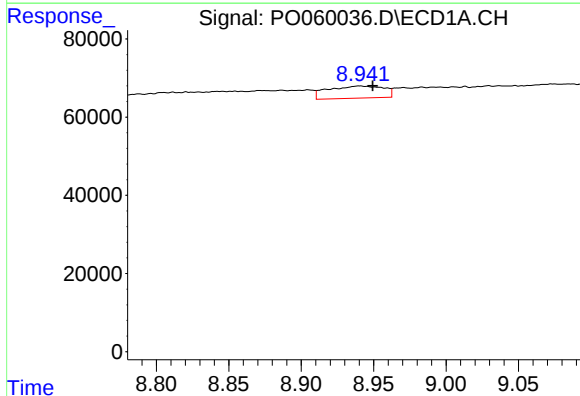
R.T.: 8.595 min
Delta R.T.: -0.007 min
Response: 48177
Conc: 6.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



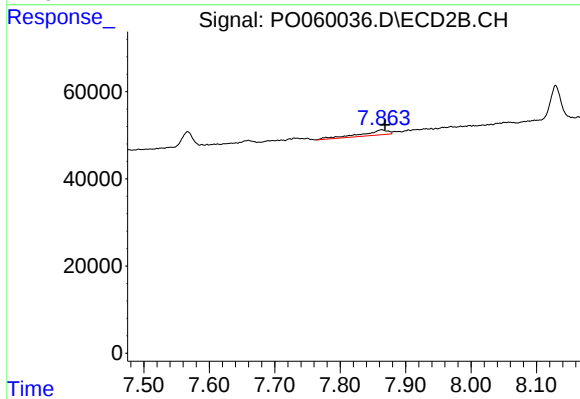
#43 AR-1268-3

R.T.: 7.567 min
Delta R.T.: -0.025 min
Response: 30977
Conc: 5.66 ng/ml



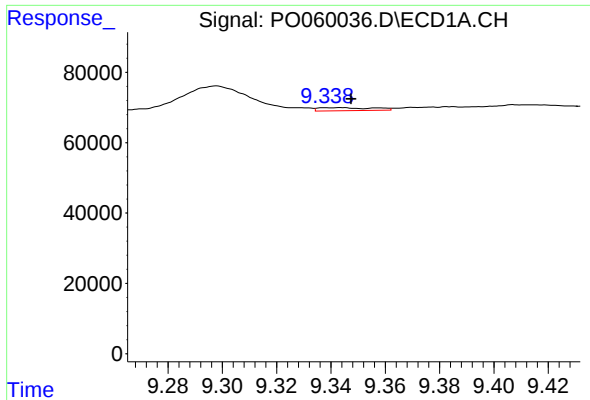
#44 AR-1268-4

R.T.: 8.940 min
Delta R.T.: -0.009 min
Response: 83213
Conc: 29.93 ng/ml



#44 AR-1268-4

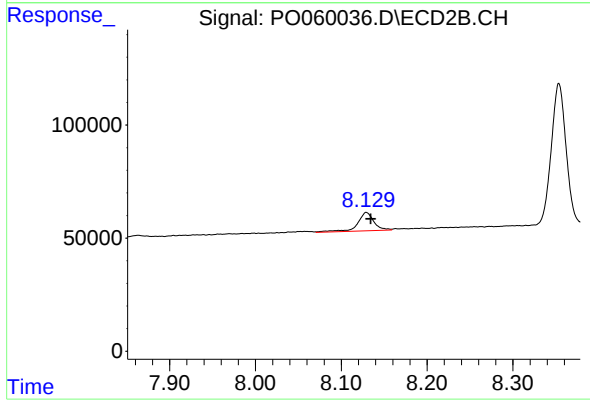
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 33463
Conc: 16.39 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.005 min
Response: 11980
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1-(1-3)



#45 AR-1268-5

R.T.: 8.129 min
Delta R.T.: -0.005 min
Response: 106755
Conc: 7.35 ng/ml