

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072419\
 Data File : P0058337.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 3:38
 Operator : SM/AJ
 Sample : K3916-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 06:37:26 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...	4.208	3.540	846096	673174	24.968	20.988
2)	SA Decachlor...	9.710	8.430	1019002	724136	19.918	21.127
Target Compounds							
3)	L1 AR-1016-1	5.392	4.566	37491	83926	24.294	70.224 #
4)	L1 AR-1016-2	5.392	4.637	37491	56114	16.598	31.672 #
5)	L1 AR-1016-3	5.443	4.808	94684	55307	66.902	58.916
6)	L1 AR-1016-4	5.514	4.856	55268	97749	48.527	125.564 #
7)	L1 AR-1016-5	5.808	5.009	296264	66169	258.278	64.543 #
9)	L2 AR-1221-2	4.511	0.000	28075	0	90.770	N.D. #
10)	L2 AR-1221-3	4.511	3.954	28075	41397	28.265	48.866 #
11)	L3 AR-1232-1	4.511	3.954	28075	41397	34.172	58.724 #
12)	L3 AR-1232-2	5.077	4.637	80432	56114	173.912	71.091 #
13)	L3 AR-1232-3	5.392	4.808	37491	55307	37.643	134.389 #
14)	L3 AR-1232-4	5.514	4.856	55268	97749	110.832	266.340 #
15)	L3 AR-1232-5	5.631	5.009	167411	66169	443.981	159.859 #
16)	L4 AR-1242-1	5.392	4.566	37491	83926	30.611	88.066 #
17)	L4 AR-1242-2	5.392	4.637	37491	56114	20.420	40.221 #
18)	L4 AR-1242-3	5.443	4.808	94684	55307	81.545	72.136
19)	L4 AR-1242-4	5.514	4.856	55268	97749	58.620	128.786 #
20)	L4 AR-1242-5	6.275	5.322	110570	18462	95.484	19.375 #
21)	L5 AR-1248-1	5.392	4.566	37491	83926	40.105	114.283 #
22)	L5 AR-1248-2	5.631	4.856	167411	97749	124.243	95.926
23)	L5 AR-1248-3	5.808	4.856	296264	97749	191.106	92.990 #
24)	L5 AR-1248-4	6.217	5.009	104226	66169	53.235	51.389
25)	L5 AR-1248-5	6.275	0.000	110570	0	58.016	N.D. #
26)	L6 AR-1254-1	6.177	5.322	125208	18462	63.713	9.061 #
27)	L6 AR-1254-2	6.400	0.000	110680	0	33.857	N.D. #
28)	L6 AR-1254-3	6.780	0.000	130241	0	36.919	N.D. #
29)	L6 AR-1254-4	7.086	0.000	134987	0	45.622	N.D. #
30)	L6 AR-1254-5	7.481	0.000	69635	0	23.724	N.D. #
31)	L7 AR-1260-1	6.934	0.000	120356	0	48.121	N.D. #
32)	L7 AR-1260-2	7.202	0.000	85789	0	24.400	N.D. #
33)	L7 AR-1260-3	7.573	0.000	140744	0	47.934	N.D. #
34)	L7 AR-1260-4	7.770	0.000	75708	0	27.714	N.D. #
35)	L7 AR-1260-5	8.076	7.092	300165	17338	51.740	3.767 #
36)	L8 AR-1262-1	7.573	6.642	140744	32336	25.475	8.141 #
37)	L8 AR-1262-2	8.076	7.092	300165	17338	35.298	2.684 #
38)	L8 AR-1262-3	0.000	7.373	0	5379	N.D.	1.951 #
39)	L8 AR-1262-4	0.000	7.435	0	9012	N.D.	1.888 #
40)	L8 AR-1262-5	0.000	7.920	0	24737	N.D.	12.437 #
41)	L9 AR-1268-1	0.000	7.373	0	5379	N.D.	0.689 #
42)	L9 AR-1268-2	0.000	7.435	0	9012	N.D.	1.265 #
43)	L9 AR-1268-3	0.000	7.596	0	5504	N.D.	0.914 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072419\
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 Acq On : 24 Jul 2019 3:38
 Operator : SM/AJ
 Sample : K3916-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

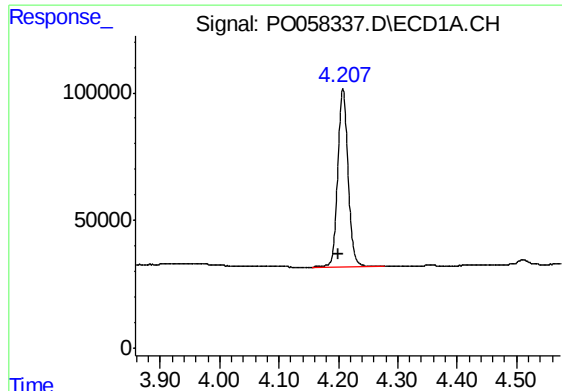
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 06:37:26 2019
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.920	0	24737	N.D.	11.825 #
45) L9	AR-1268-5	0.000	8.196	0	28373	N.D.	1.701 #

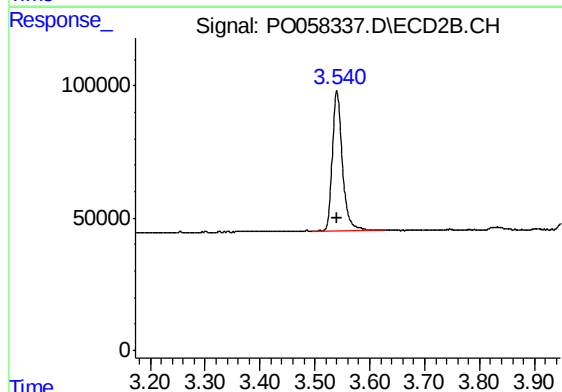
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

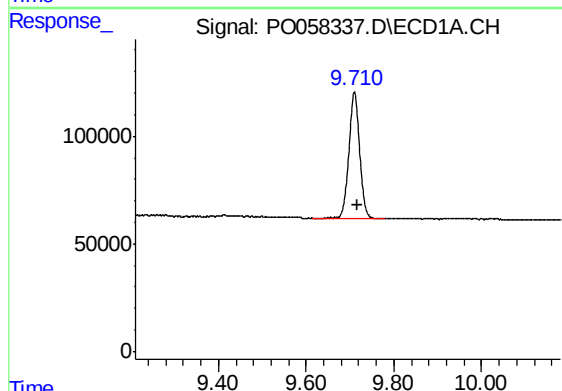
R.T.: 4.208 min
Delta R.T.: 0.008 min
Response: 846096
Conc: 24.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



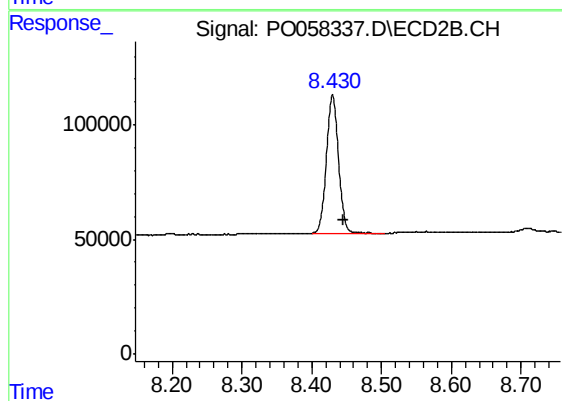
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 673174
Conc: 20.99 ng/ml



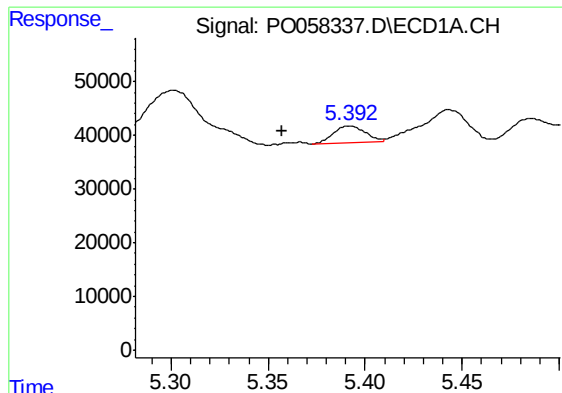
#2 Decachlorobiphenyl

R.T.: 9.710 min
Delta R.T.: -0.008 min
Response: 1019002
Conc: 19.92 ng/ml



#2 Decachlorobiphenyl

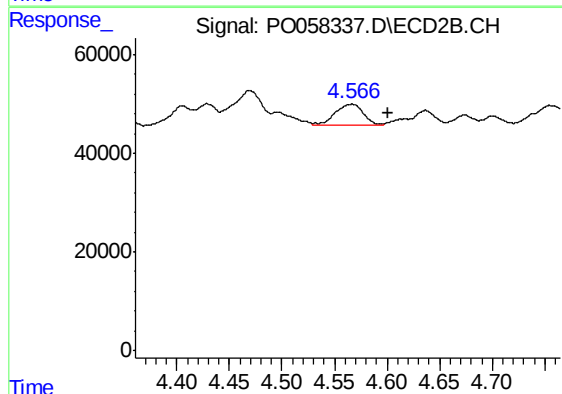
R.T.: 8.430 min
Delta R.T.: -0.015 min
Response: 724136
Conc: 21.13 ng/ml



#3 AR-1016-1

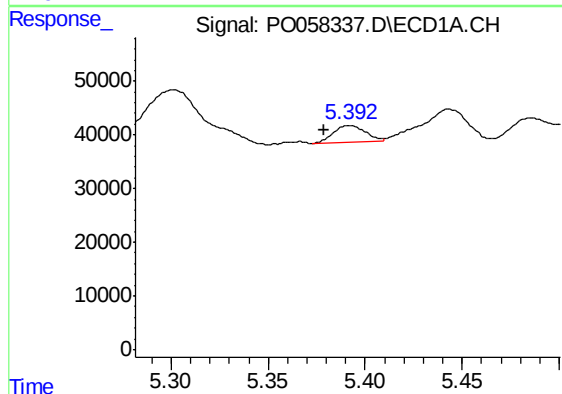
R.T.: 5.392 min
Delta R.T.: 0.035 min
Response: 37491
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



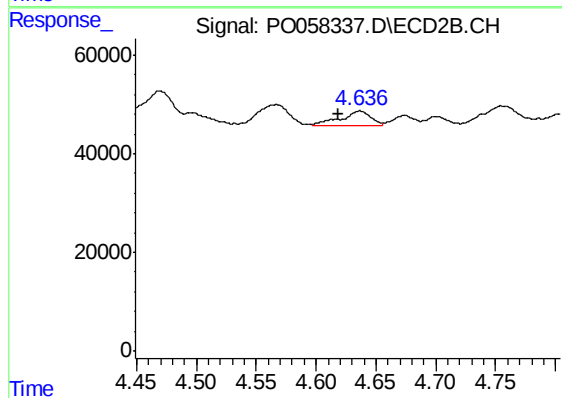
#3 AR-1016-1

R.T.: 4.566 min
Delta R.T.: -0.035 min
Response: 83926
Conc: 70.22 ng/ml



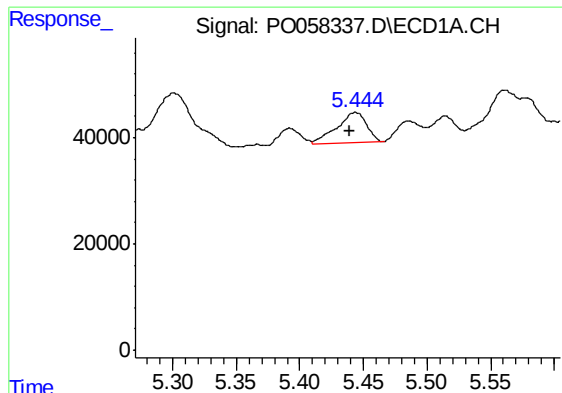
#4 AR-1016-2

R.T.: 5.392 min
Delta R.T.: 0.013 min
Response: 37491
Conc: 16.60 ng/ml



#4 AR-1016-2

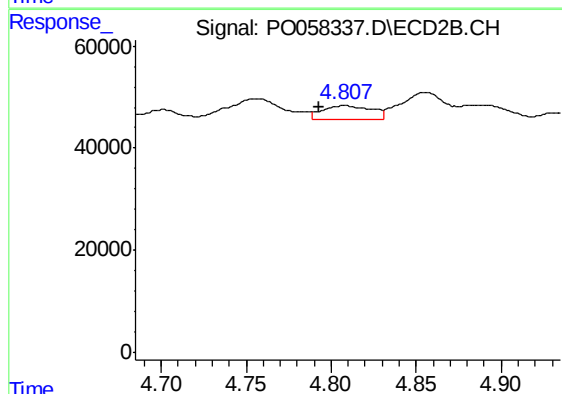
R.T.: 4.637 min
Delta R.T.: 0.018 min
Response: 56114
Conc: 31.67 ng/ml



#5 AR-1016-3

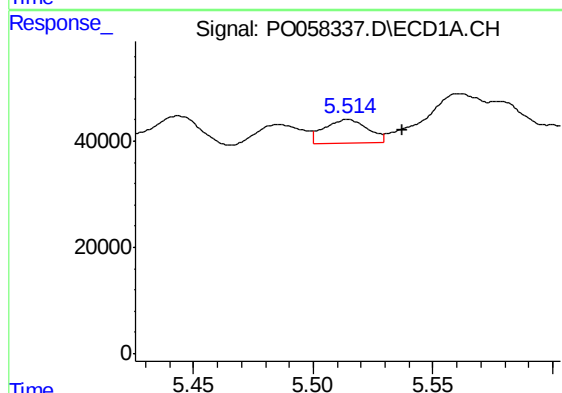
R.T.: 5.443 min
Delta R.T.: 0.005 min
Response: 94684
Conc: 66.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



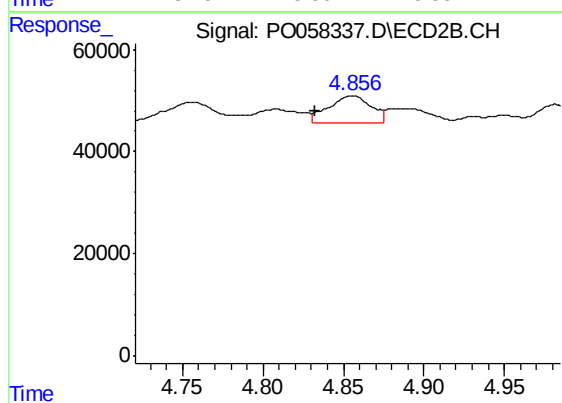
#5 AR-1016-3

R.T.: 4.808 min
Delta R.T.: 0.015 min
Response: 55307
Conc: 58.92 ng/ml



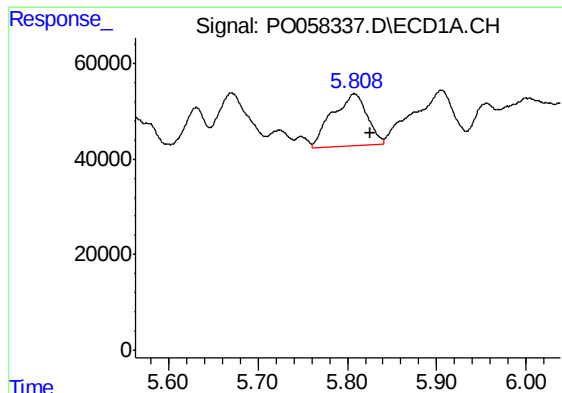
#6 AR-1016-4

R.T.: 5.514 min
Delta R.T.: -0.023 min
Response: 55268
Conc: 48.53 ng/ml



#6 AR-1016-4

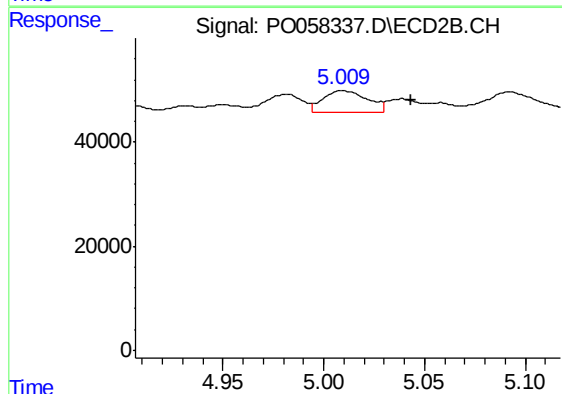
R.T.: 4.856 min
Delta R.T.: 0.023 min
Response: 97749
Conc: 125.56 ng/ml



#7 AR-1016-5

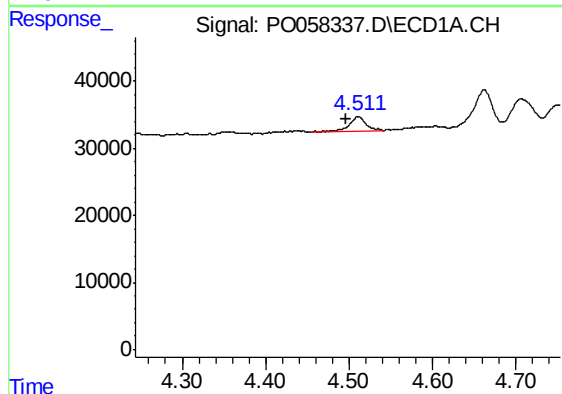
R.T.: 5.808 min
Delta R.T.: -0.018 min
Response: 296264
Conc: 258.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



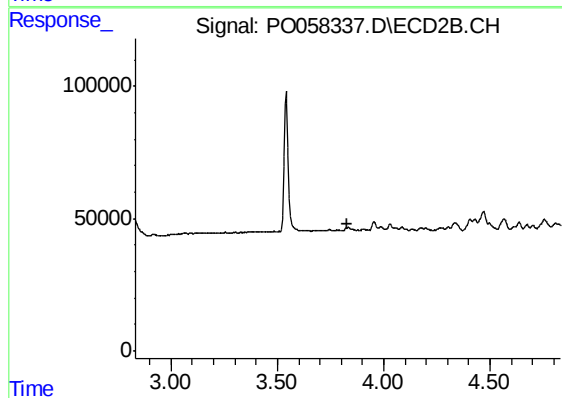
#7 AR-1016-5

R.T.: 5.009 min
Delta R.T.: -0.034 min
Response: 66169
Conc: 64.54 ng/ml



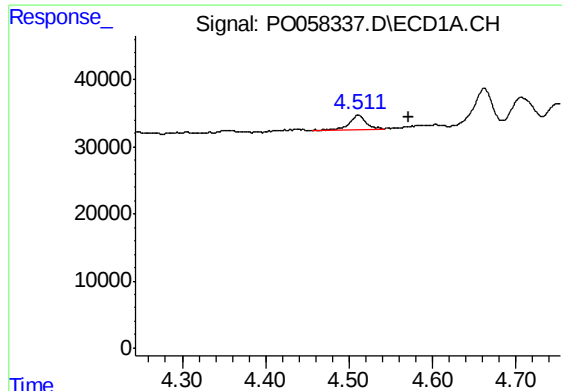
#9 AR-1221-2

R.T.: 4.511 min
Delta R.T.: 0.015 min
Response: 28075
Conc: 90.77 ng/ml



#9 AR-1221-2

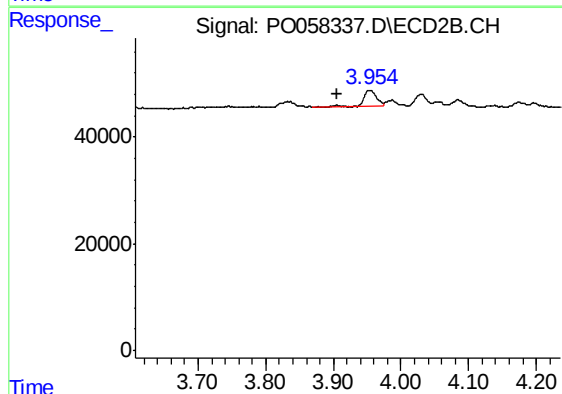
R.T.: 0.000 min
Exp R.T. : 3.832 min
Response: 0
Conc: N.D.



#10 AR-1221-3

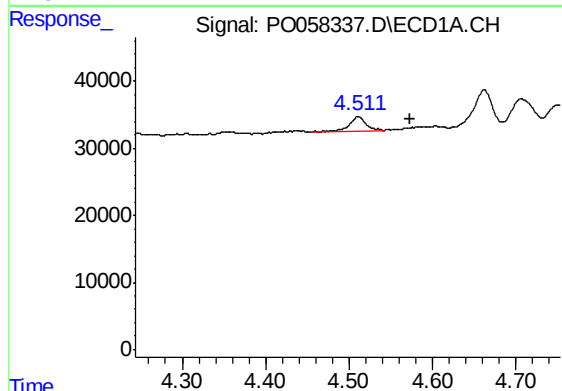
R.T.: 4.511 min
Delta R.T.: -0.061 min
Response: 28075
Conc: 28.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



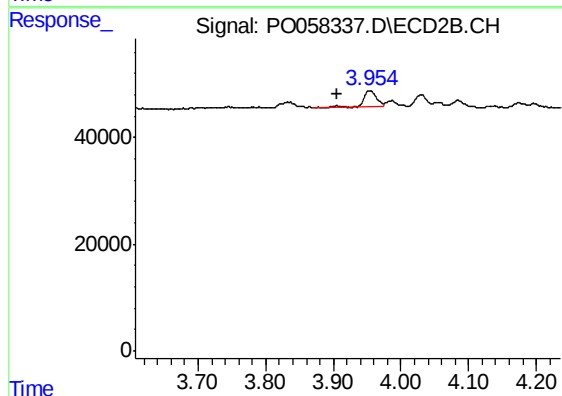
#10 AR-1221-3

R.T.: 3.954 min
Delta R.T.: 0.048 min
Response: 41397
Conc: 48.87 ng/ml



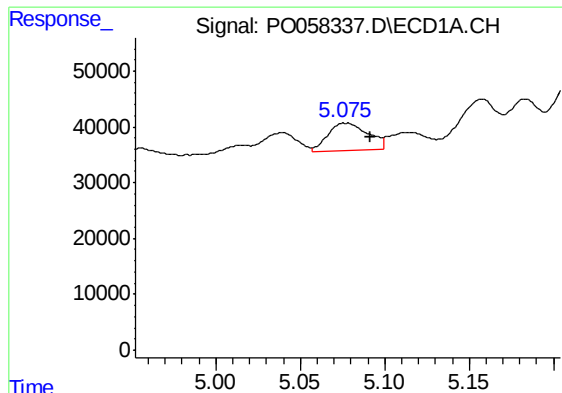
#11 AR-1232-1

R.T.: 4.511 min
Delta R.T.: -0.061 min
Response: 28075
Conc: 34.17 ng/ml



#11 AR-1232-1

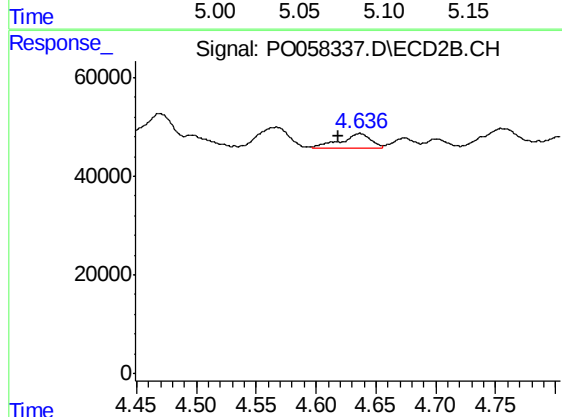
R.T.: 3.954 min
Delta R.T.: 0.048 min
Response: 41397
Conc: 58.72 ng/ml



#12 AR-1232-2

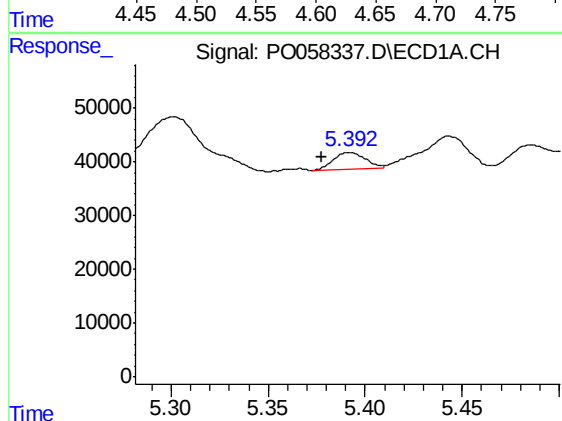
R.T.: 5.077 min
Delta R.T.: -0.014 min
Response: 80432
Conc: 173.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



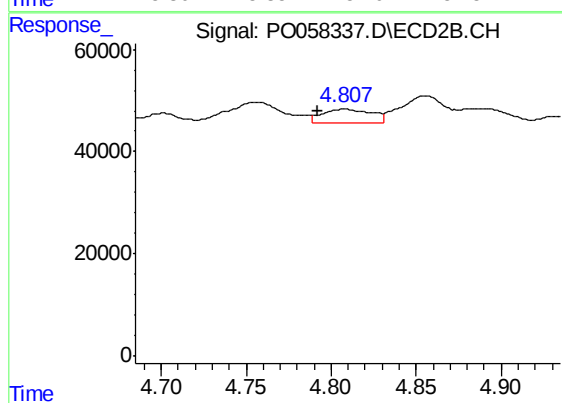
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: 0.018 min
Response: 56114
Conc: 71.09 ng/ml



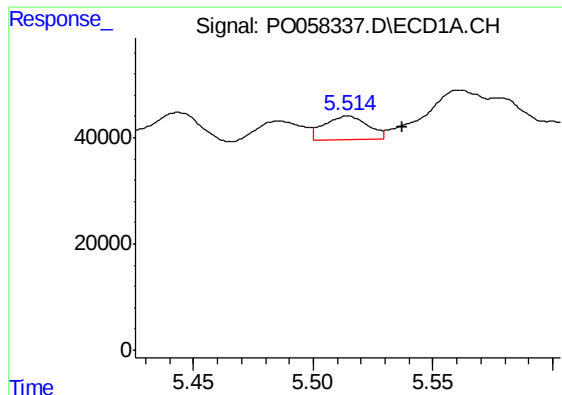
#13 AR-1232-3

R.T.: 5.392 min
Delta R.T.: 0.014 min
Response: 37491
Conc: 37.64 ng/ml



#13 AR-1232-3

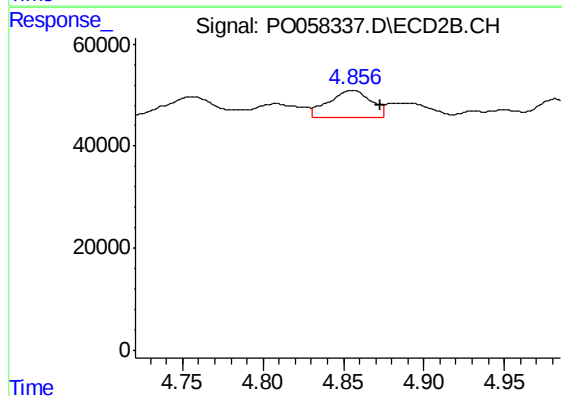
R.T.: 4.808 min
Delta R.T.: 0.016 min
Response: 55307
Conc: 134.39 ng/ml



#14 AR-1232-4

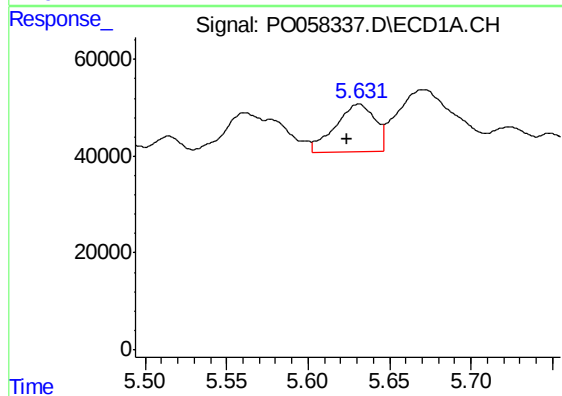
R.T.: 5.514 min
Delta R.T.: -0.023 min
Response: 55268
Conc: 110.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



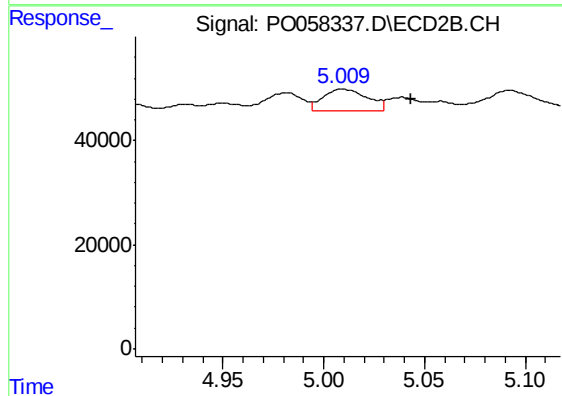
#14 AR-1232-4

R.T.: 4.856 min
Delta R.T.: -0.018 min
Response: 97749
Conc: 266.34 ng/ml



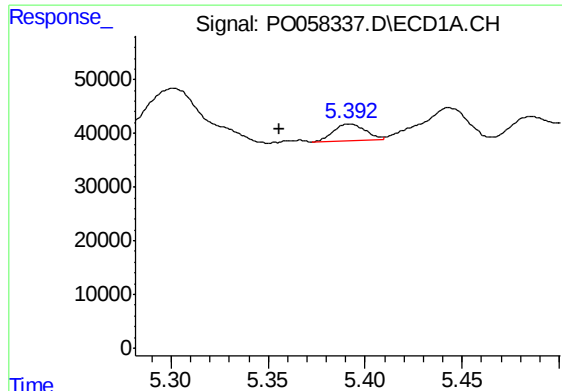
#15 AR-1232-5

R.T.: 5.631 min
Delta R.T.: 0.007 min
Response: 167411
Conc: 443.98 ng/ml



#15 AR-1232-5

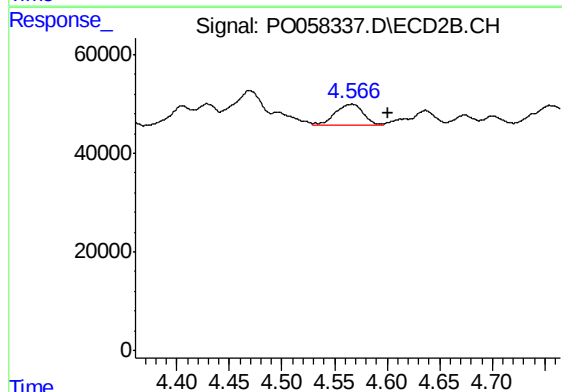
R.T.: 5.009 min
Delta R.T.: -0.034 min
Response: 66169
Conc: 159.86 ng/ml



#16 AR-1242-1

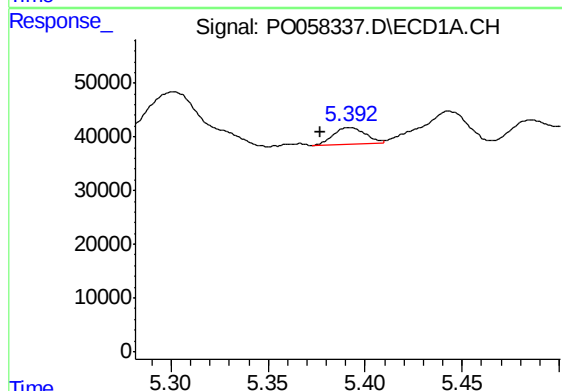
R.T.: 5.392 min
Delta R.T.: 0.036 min
Response: 37491
Conc: 30.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



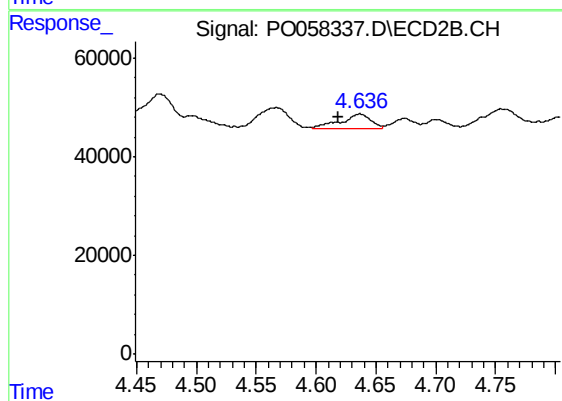
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: -0.035 min
Response: 83926
Conc: 88.07 ng/ml



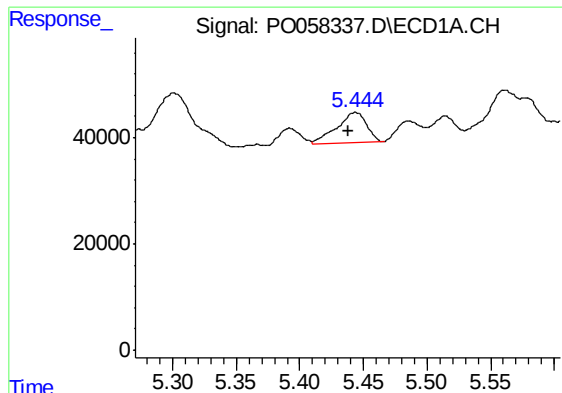
#17 AR-1242-2

R.T.: 5.392 min
Delta R.T.: 0.015 min
Response: 37491
Conc: 20.42 ng/ml



#17 AR-1242-2

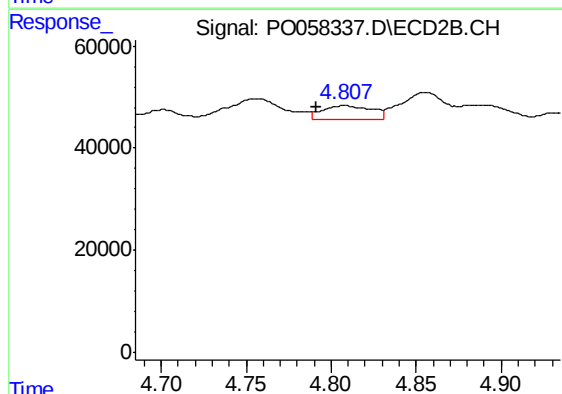
R.T.: 4.637 min
Delta R.T.: 0.018 min
Response: 56114
Conc: 40.22 ng/ml



#18 AR-1242-3

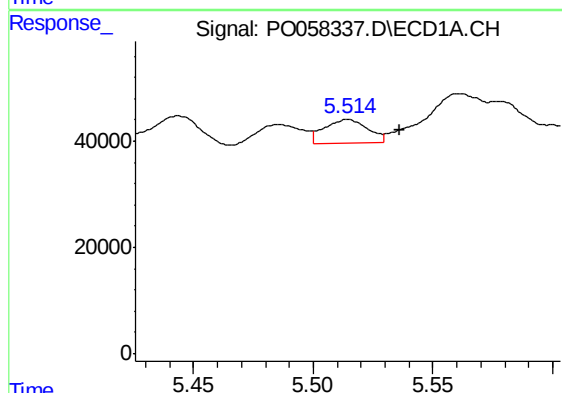
R.T.: 5.443 min
Delta R.T.: 0.005 min
Response: 94684
Conc: 81.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



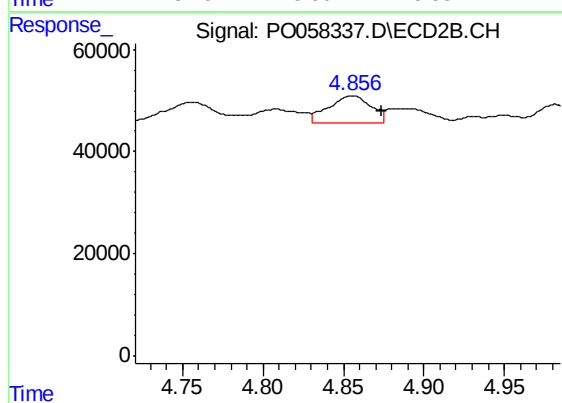
#18 AR-1242-3

R.T.: 4.808 min
Delta R.T.: 0.016 min
Response: 55307
Conc: 72.14 ng/ml



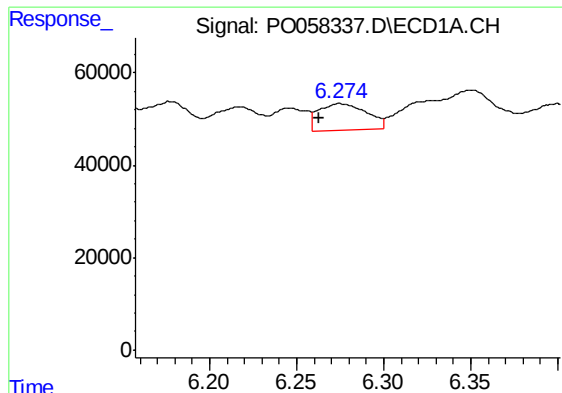
#19 AR-1242-4

R.T.: 5.514 min
Delta R.T.: -0.022 min
Response: 55268
Conc: 58.62 ng/ml



#19 AR-1242-4

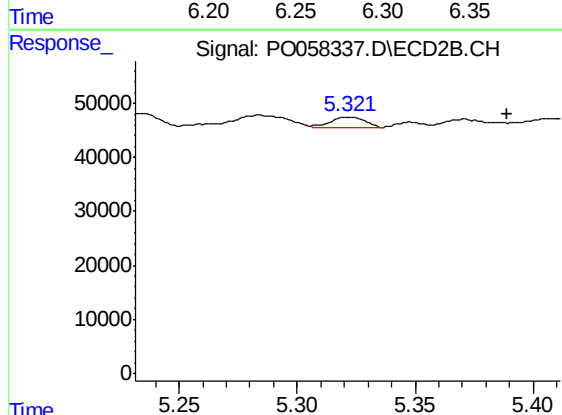
R.T.: 4.856 min
Delta R.T.: -0.018 min
Response: 97749
Conc: 128.79 ng/ml



#20 AR-1242-5

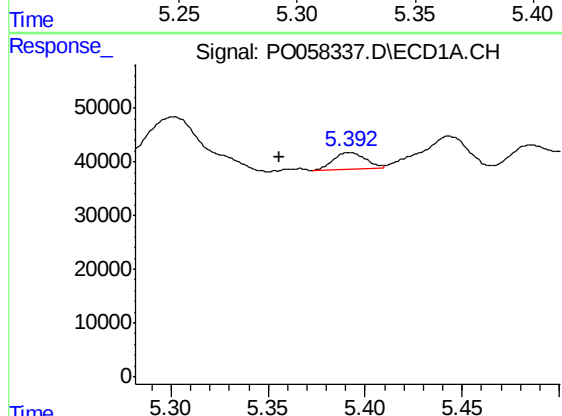
R.T.: 6.275 min
Delta R.T.: 0.012 min
Response: 110570
Conc: 95.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



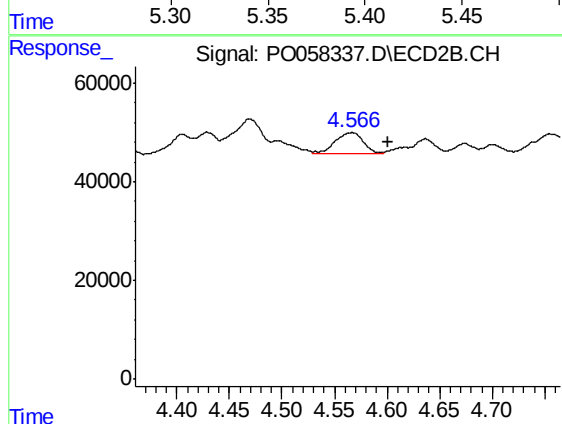
#20 AR-1242-5

R.T.: 5.322 min
Delta R.T.: -0.067 min
Response: 18462
Conc: 19.38 ng/ml



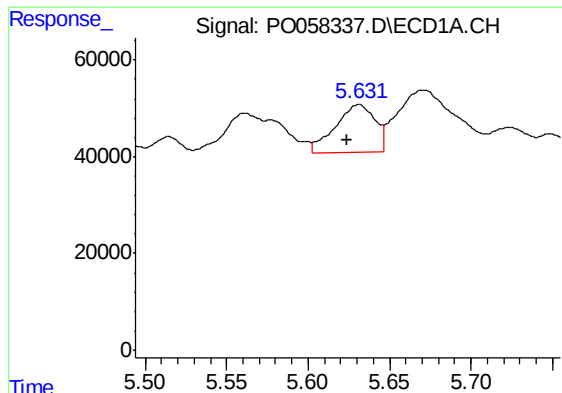
#21 AR-1248-1

R.T.: 5.392 min
Delta R.T.: 0.036 min
Response: 37491
Conc: 40.10 ng/ml



#21 AR-1248-1

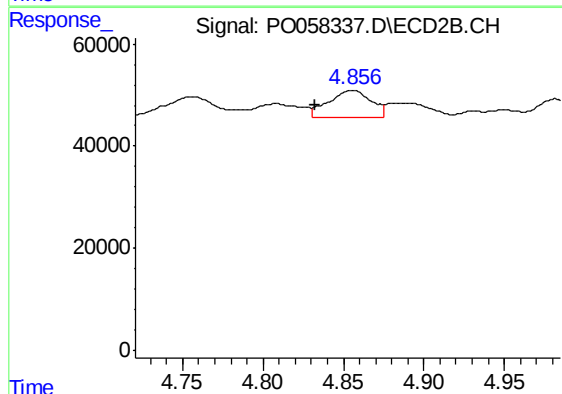
R.T.: 4.566 min
Delta R.T.: -0.034 min
Response: 83926
Conc: 114.28 ng/ml



#22 AR-1248-2

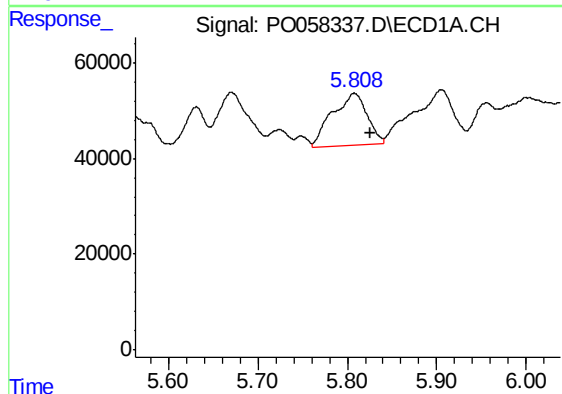
R.T.: 5.631 min
Delta R.T.: 0.007 min
Response: 167411
Conc: 124.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



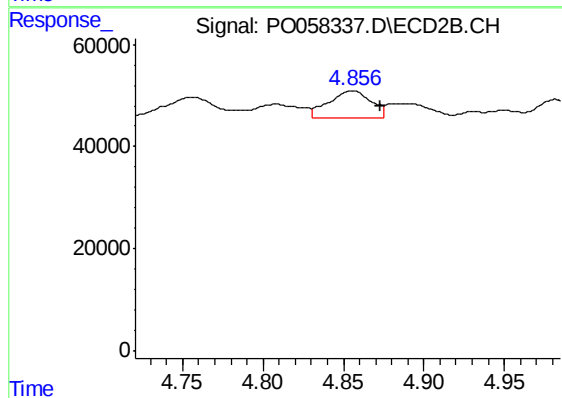
#22 AR-1248-2

R.T.: 4.856 min
Delta R.T.: 0.023 min
Response: 97749
Conc: 95.93 ng/ml



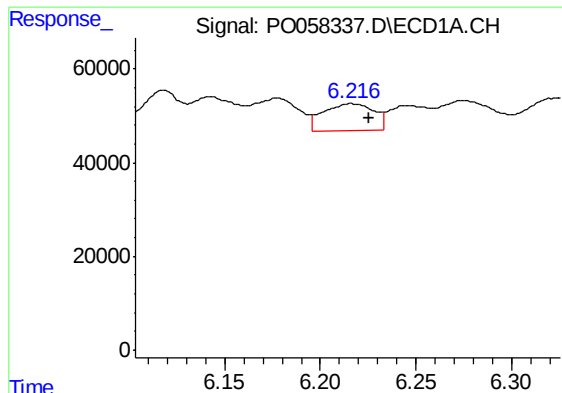
#23 AR-1248-3

R.T.: 5.808 min
Delta R.T.: -0.017 min
Response: 296264
Conc: 191.11 ng/ml



#23 AR-1248-3

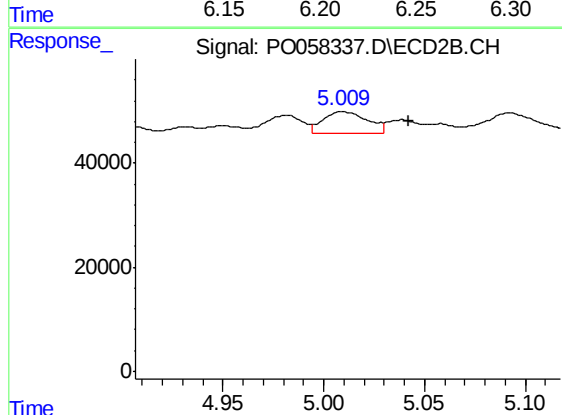
R.T.: 4.856 min
Delta R.T.: -0.017 min
Response: 97749
Conc: 92.99 ng/ml



#24 AR-1248-4

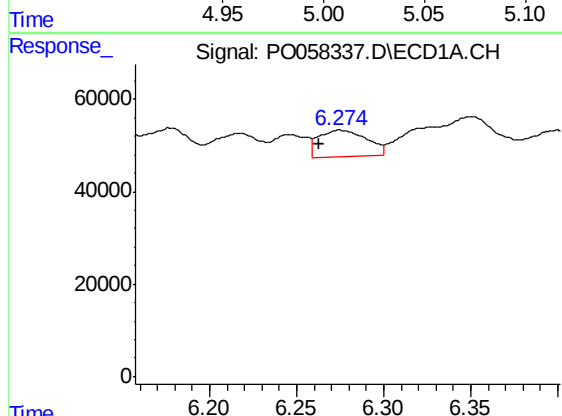
R.T.: 6.217 min
Delta R.T.: -0.009 min
Response: 104226
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



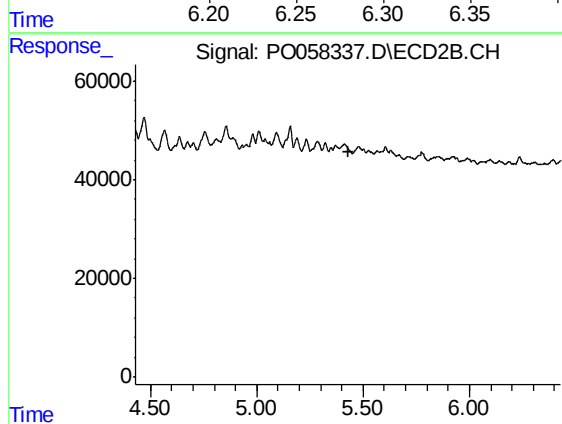
#24 AR-1248-4

R.T.: 5.009 min
Delta R.T.: -0.033 min
Response: 66169
Conc: 51.39 ng/ml



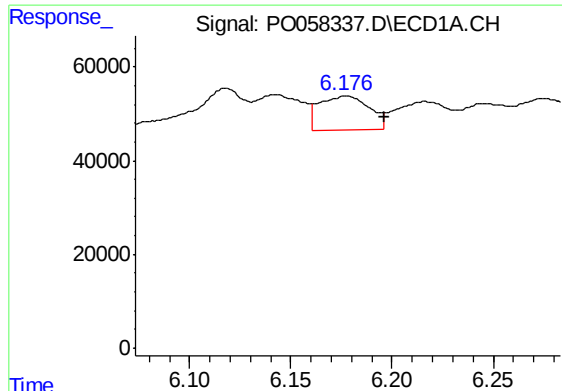
#25 AR-1248-5

R.T.: 6.275 min
Delta R.T.: 0.012 min
Response: 110570
Conc: 58.02 ng/ml



#25 AR-1248-5

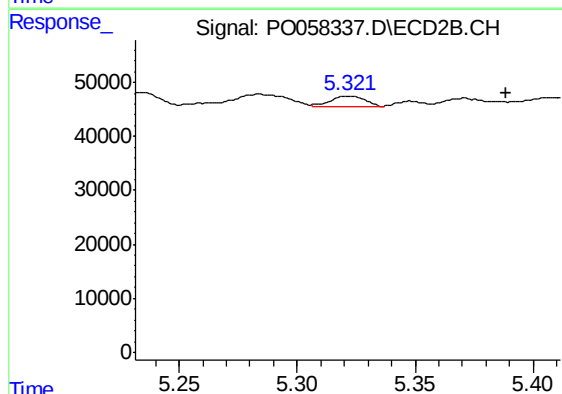
R.T.: 0.000 min
Exp R.T. : 5.429 min
Response: 0
Conc: N.D.



#26 AR-1254-1

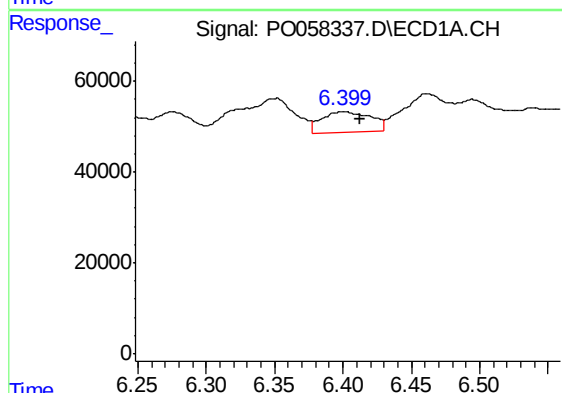
R.T.: 6.177 min
Delta R.T.: -0.019 min
Response: 125208
Conc: 63.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



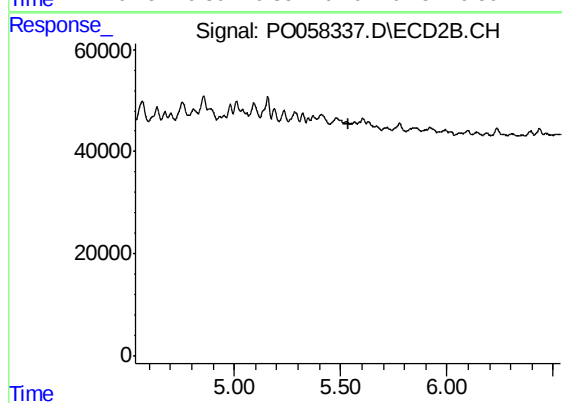
#26 AR-1254-1

R.T.: 5.322 min
Delta R.T.: -0.067 min
Response: 18462
Conc: 9.06 ng/ml



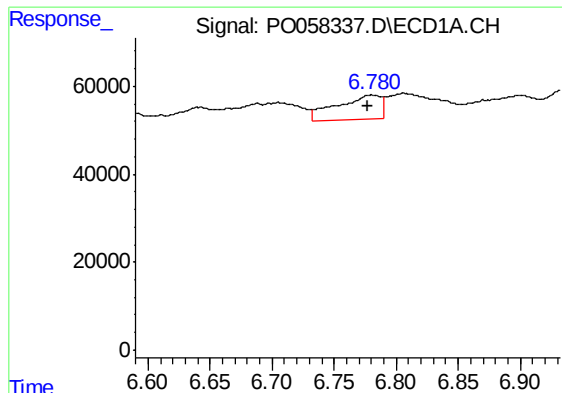
#27 AR-1254-2

R.T.: 6.400 min
Delta R.T.: -0.013 min
Response: 110680
Conc: 33.86 ng/ml



#27 AR-1254-2

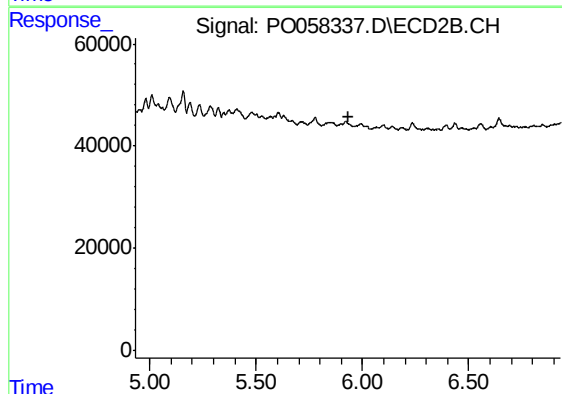
R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#28 AR-1254-3

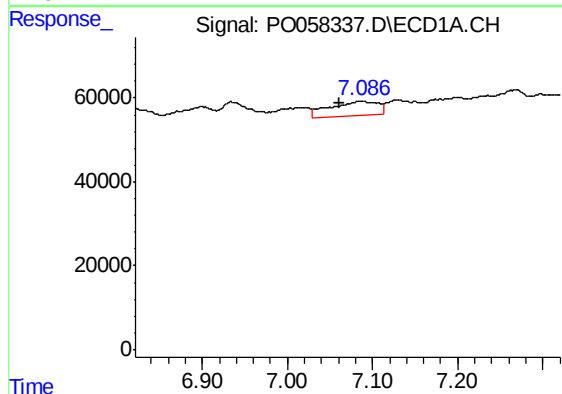
R.T.: 6.780 min
Delta R.T.: 0.003 min
Response: 130241
Conc: 36.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



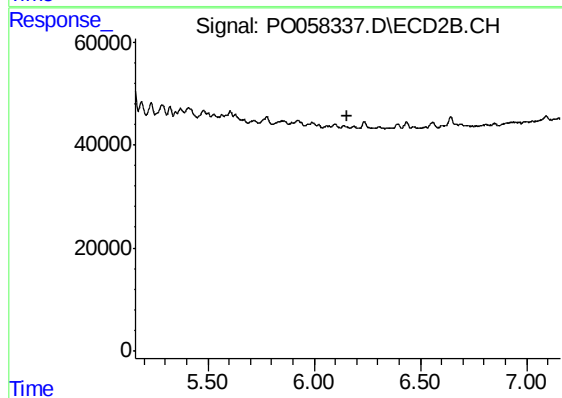
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.932 min
Response: 0
Conc: N.D.



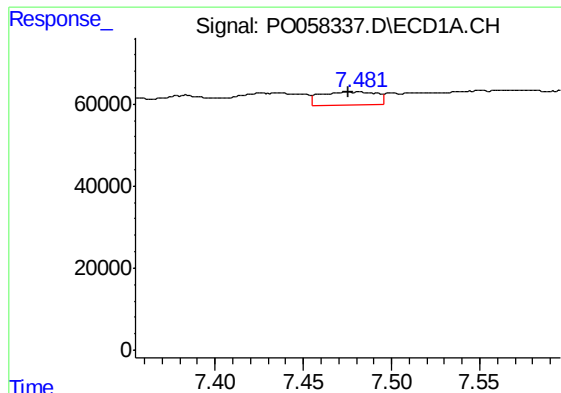
#29 AR-1254-4

R.T.: 7.086 min
Delta R.T.: 0.025 min
Response: 134987
Conc: 45.62 ng/ml



#29 AR-1254-4

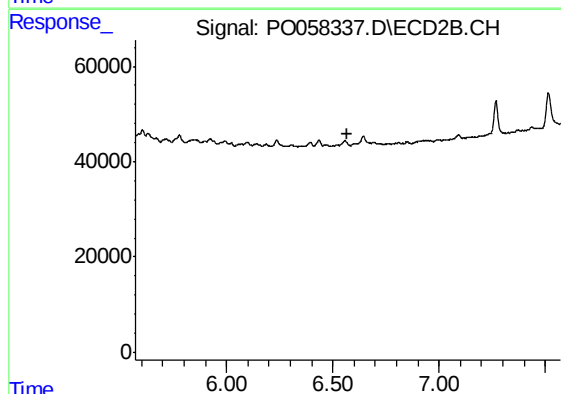
R.T.: 0.000 min
Exp R.T. : 6.159 min
Response: 0
Conc: N.D.



#30 AR-1254-5

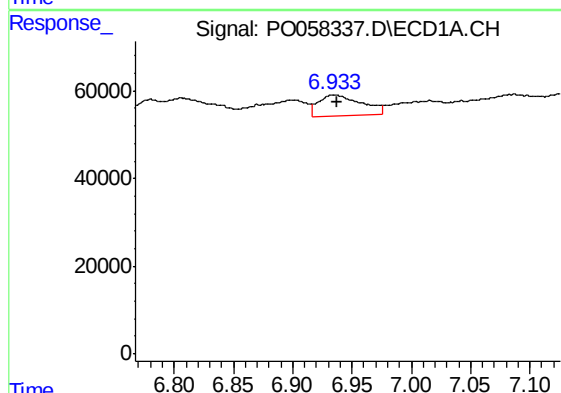
R.T.: 7.481 min
Delta R.T.: 0.006 min
Response: 69635
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



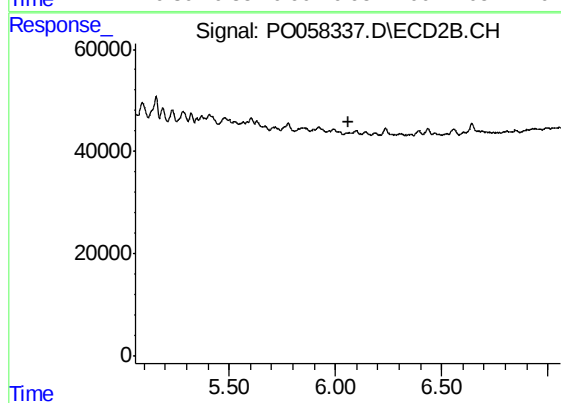
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



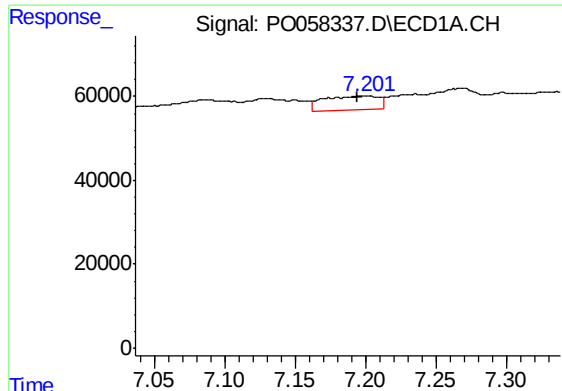
#31 AR-1260-1

R.T.: 6.934 min
Delta R.T.: -0.004 min
Response: 120356
Conc: 48.12 ng/ml



#31 AR-1260-1

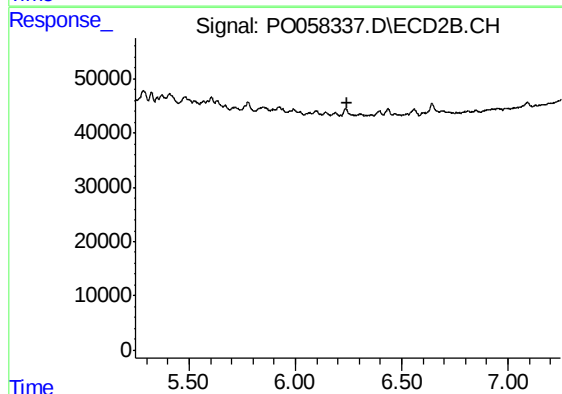
R.T.: 0.000 min
Exp R.T. : 6.060 min
Response: 0
Conc: N.D.



#32 AR-1260-2

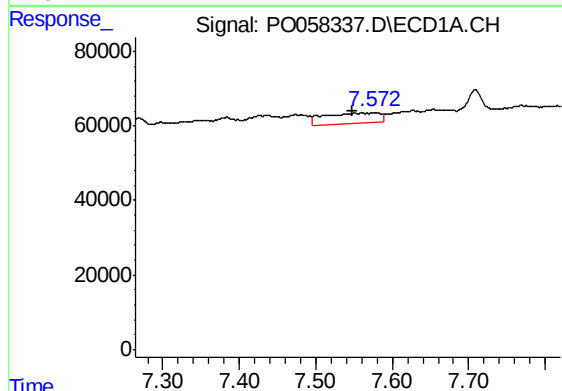
R.T.: 7.202 min
Delta R.T.: 0.008 min
Response: 85789
Conc: 24.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



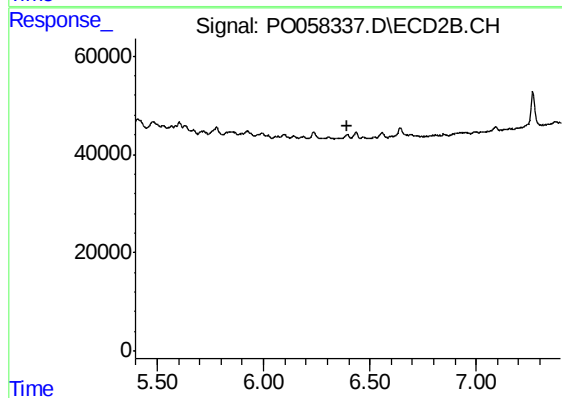
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



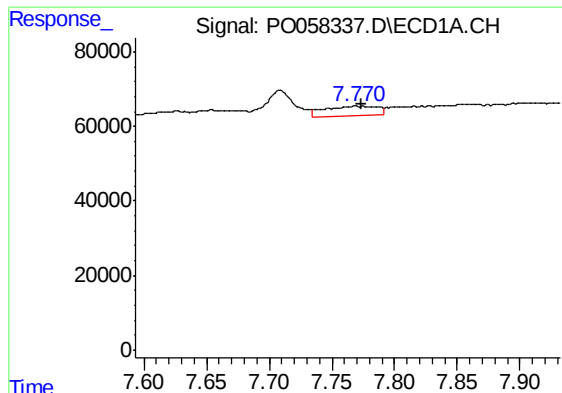
#33 AR-1260-3

R.T.: 7.573 min
Delta R.T.: 0.025 min
Response: 140744
Conc: 47.93 ng/ml



#33 AR-1260-3

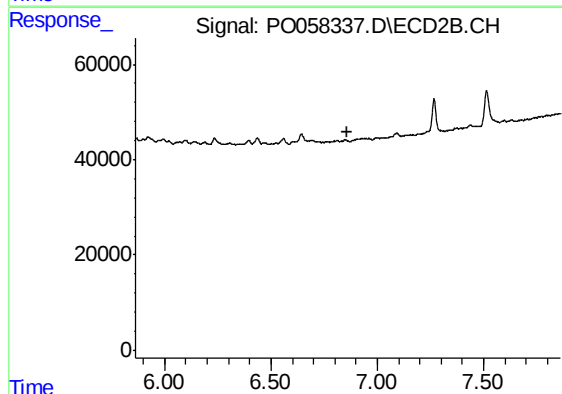
R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



#34 AR-1260-4

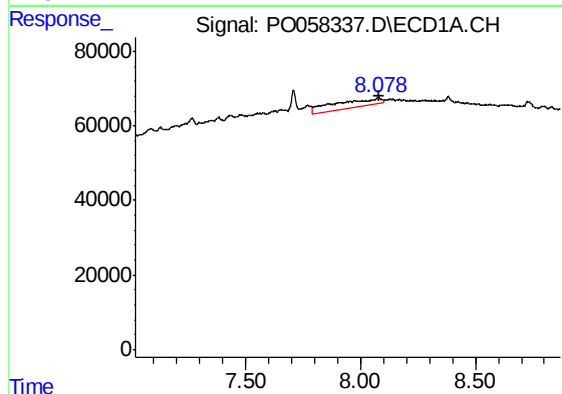
R.T.: 7.770 min
Delta R.T.: -0.003 min
Response: 75708
Conc: 27.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



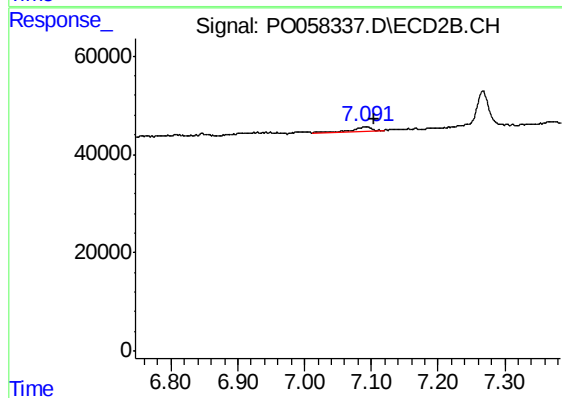
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.862 min
Response: 0
Conc: N.D.



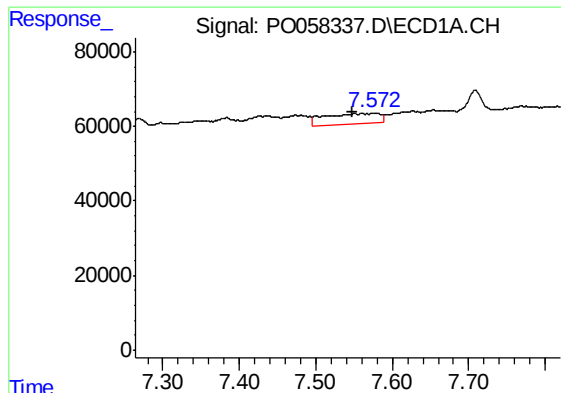
#35 AR-1260-5

R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 300165
Conc: 51.74 ng/ml



#35 AR-1260-5

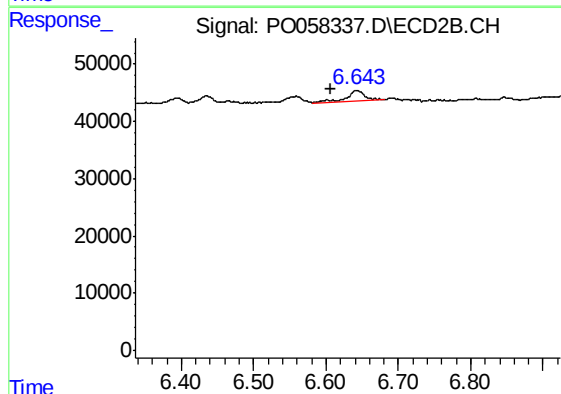
R.T.: 7.092 min
Delta R.T.: -0.013 min
Response: 17338
Conc: 3.77 ng/ml



#36 AR-1262-1

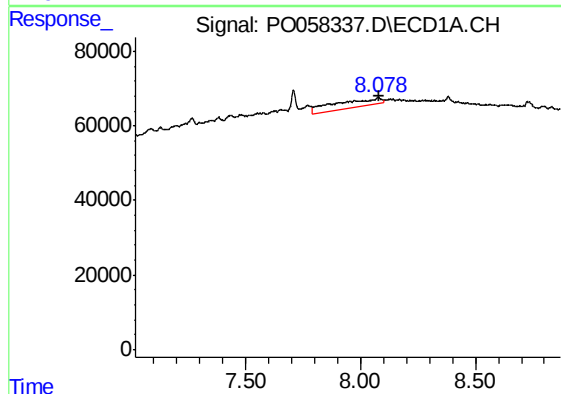
R.T.: 7.573 min
Delta R.T.: 0.025 min
Response: 140744
Conc: 25.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



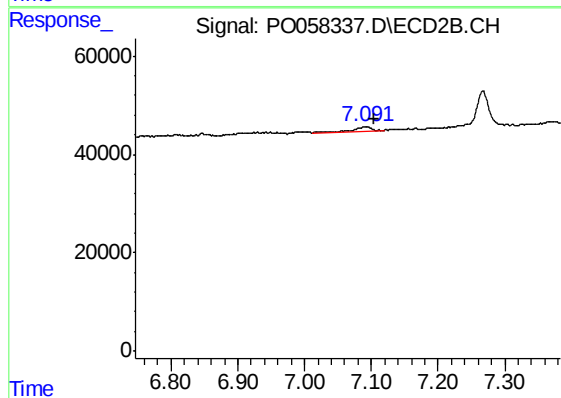
#36 AR-1262-1

R.T.: 6.642 min
Delta R.T.: 0.036 min
Response: 32336
Conc: 8.14 ng/ml



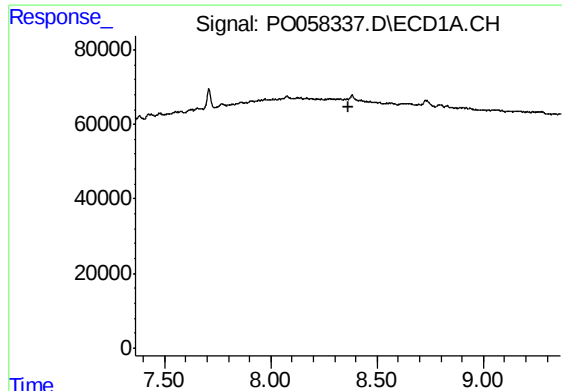
#37 AR-1262-2

R.T.: 8.076 min
Delta R.T.: -0.004 min
Response: 300165
Conc: 35.30 ng/ml



#37 AR-1262-2

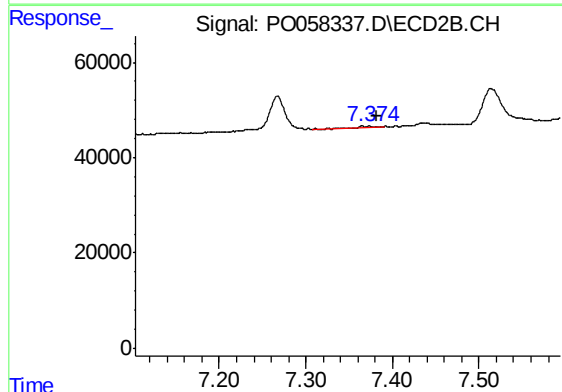
R.T.: 7.092 min
Delta R.T.: -0.013 min
Response: 17338
Conc: 2.68 ng/ml



#38 AR-1262-3

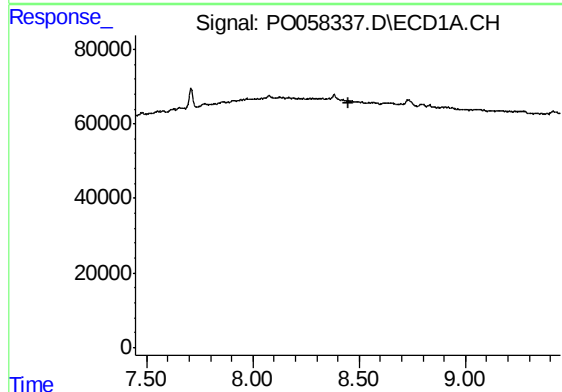
R.T.: 0.000 min
Exp R.T. : 8.363 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



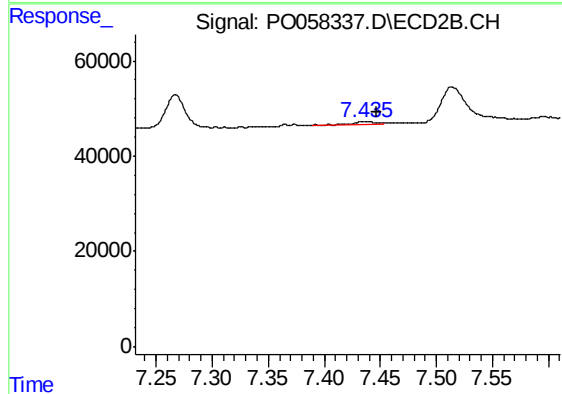
#38 AR-1262-3

R.T.: 7.373 min
Delta R.T.: -0.008 min
Response: 5379
Conc: 1.95 ng/ml



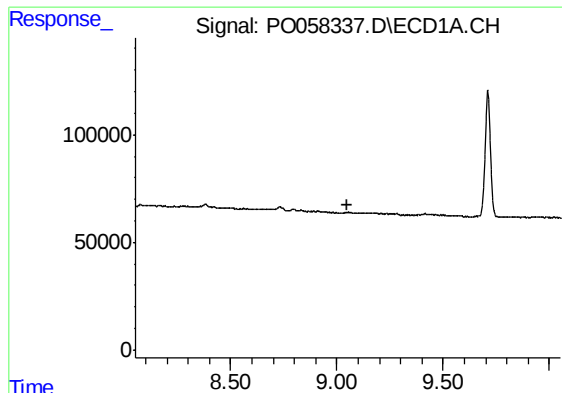
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#39 AR-1262-4

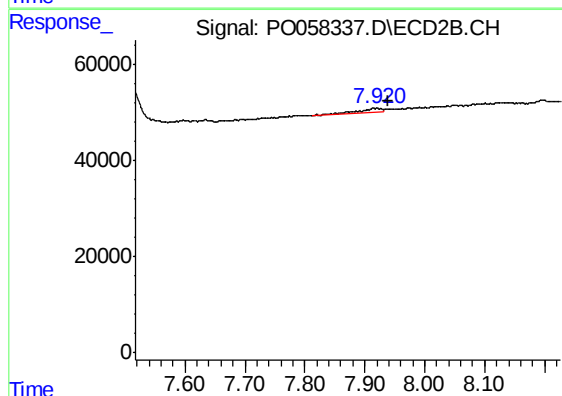
R.T.: 7.435 min
Delta R.T.: -0.012 min
Response: 9012
Conc: 1.89 ng/ml



#40 AR-1262-5

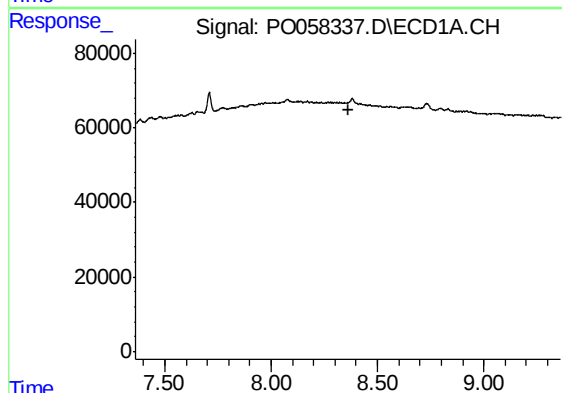
R.T.: 0.000 min
Exp R.T. : 9.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



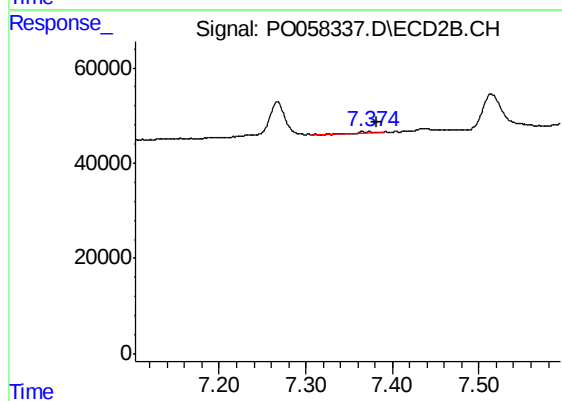
#40 AR-1262-5

R.T.: 7.920 min
Delta R.T.: -0.019 min
Response: 24737
Conc: 12.44 ng/ml



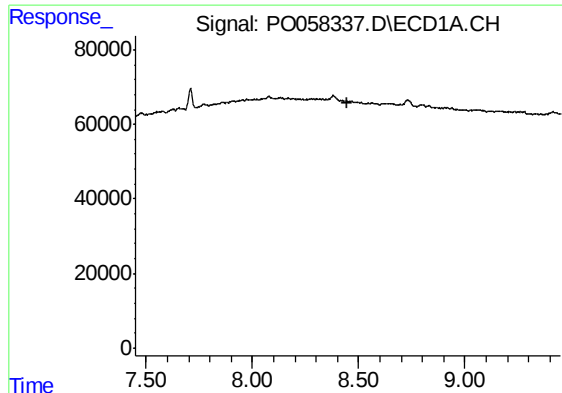
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.361 min
Response: 0
Conc: N.D.



#41 AR-1268-1

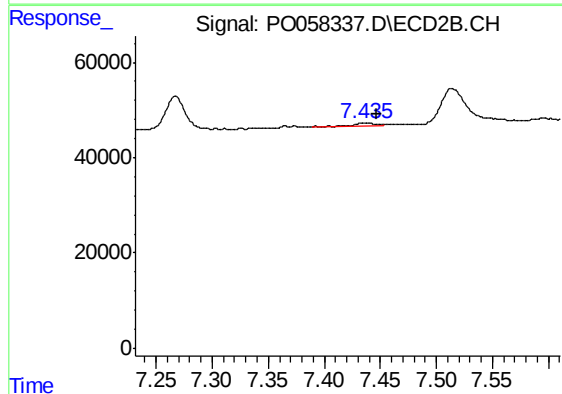
R.T.: 7.373 min
Delta R.T.: -0.008 min
Response: 5379
Conc: 0.69 ng/ml



#42 AR-1268-2

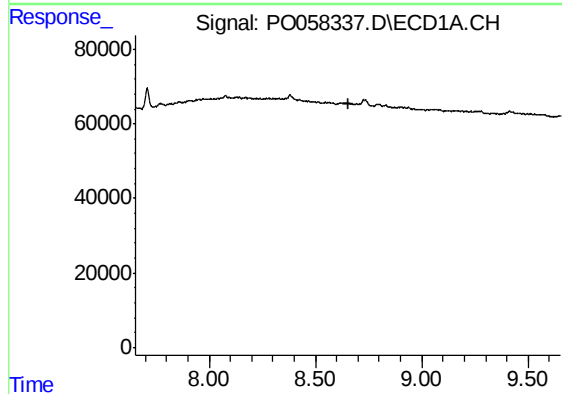
R.T.: 0.000 min
Exp R.T.: 8.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



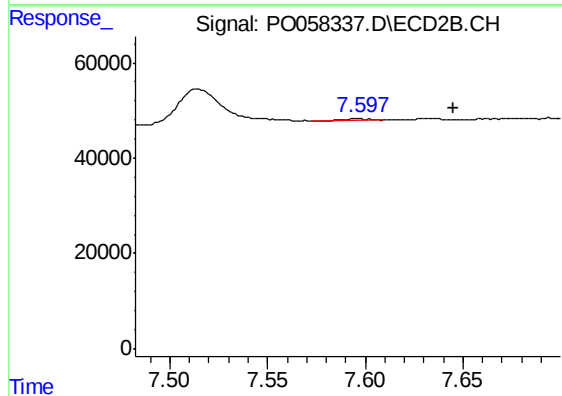
#42 AR-1268-2

R.T.: 7.435 min
Delta R.T.: -0.012 min
Response: 9012
Conc: 1.26 ng/ml



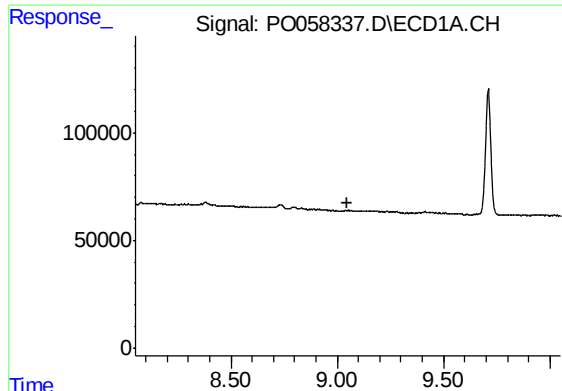
#43 AR-1268-3

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



#43 AR-1268-3

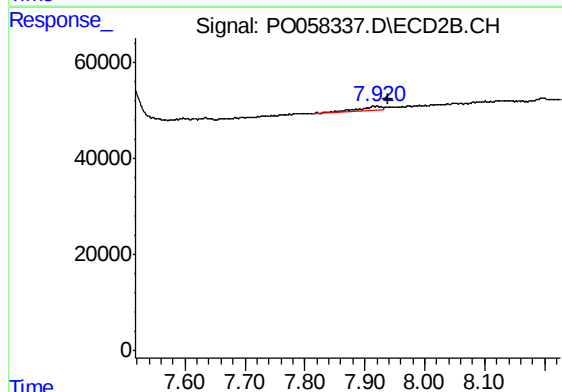
R.T.: 7.596 min
Delta R.T.: -0.049 min
Response: 5504
Conc: 0.91 ng/ml



#44 AR-1268-4

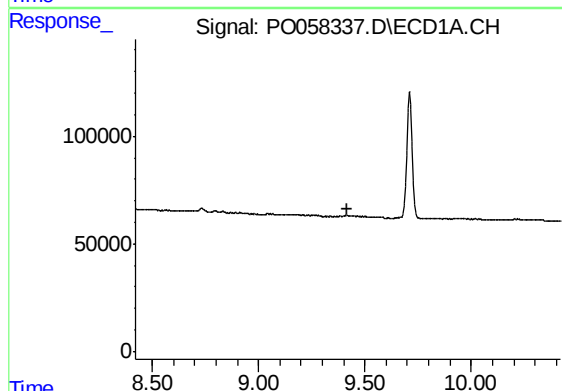
R.T.: 0.000 min
Exp R.T.: 9.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



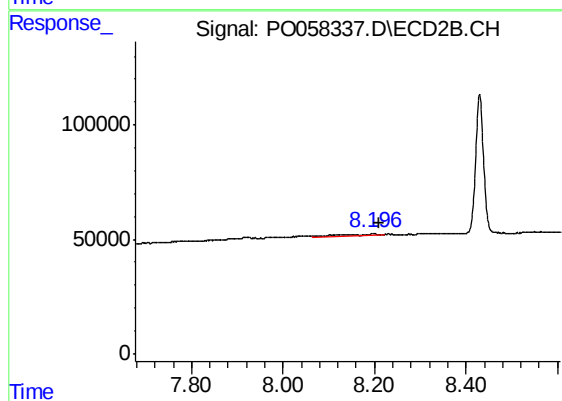
#44 AR-1268-4

R.T.: 7.920 min
Delta R.T.: -0.019 min
Response: 24737
Conc: 11.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.420 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.196 min
Delta R.T.: -0.015 min
Response: 28373
Conc: 1.70 ng/ml