

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081719\
 Data File : P0059421.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Aug 2019 3:06
 Operator : SM/SJ
 Sample : K3591-08
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 03:39:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.141	3.508	830636	819655	23.724	22.771
2)	SA Decachlor...	9.630	8.378	1283830	932703	24.132	23.132
Target Compounds							
3)	L1 AR-1016-1	5.294	4.561	69133	55457	43.104	41.020
4)	L1 AR-1016-2	5.315	4.578	103168	84093	43.122	41.983
5)	L1 AR-1016-3	5.375	4.751	65847	44013	44.207	40.683
6)	L1 AR-1016-4	5.474	4.791	47936	33246	39.624	36.818
7)	L1 AR-1016-5	5.761	5.000	45595	43007	35.506	37.335
8)	L2 AR-1221-1	4.351	3.714	30504	26341	72.033	65.625
9)	L2 AR-1221-2	4.439	3.799	33780	29613	104.005	97.211
10)	L2 AR-1221-3	4.514	3.871	87722	72558	83.396	74.156
11)	L3 AR-1232-1	4.514	3.871	87722	72558	70.378	63.640
12)	L3 AR-1232-2	5.029	4.578	48909	84093	69.238	66.029
13)	L3 AR-1232-3	5.315	4.751	103168	44013	67.370	64.638
14)	L3 AR-1232-4	5.474	4.832	47936	40714	61.308	66.739
15)	L3 AR-1232-5	5.560	5.000	37832	43007	62.935	63.177
16)	L4 AR-1242-1	5.294	4.561	69133	55457	54.456	53.912
17)	L4 AR-1242-2	5.315	4.578	103168	84093	55.597	55.212
18)	L4 AR-1242-3	5.375	4.751	65847	44013	56.335	52.678
19)	L4 AR-1242-4	5.474	4.832	47936	40714	49.527	48.796
20)	L4 AR-1242-5	6.198	5.345	59740	48661	47.541	43.501
21)	L5 AR-1248-1	5.294	4.561	69133	55457	68.957	66.975
22)	L5 AR-1248-2	5.560	4.791	37832	33246	26.075	28.831
23)	L5 AR-1248-3	5.761	4.832	45595	40714	27.433	34.279
24)	L5 AR-1248-4	6.161	5.000	56786	43007	27.781	29.597
25)	L5 AR-1248-5	6.198	5.384	59740	46256	30.125	32.318
26)	L6 AR-1254-1	6.132	5.345	45876	48661	21.988	20.516
27)	L6 AR-1254-2	6.356	5.488	48031	13362	14.397	6.368 #
28)	L6 AR-1254-3	6.713	5.885	13889	17616	3.914	5.239 #
29)	L6 AR-1254-4	6.999	6.111	15727	11063	5.339	5.366
30)	L6 AR-1254-5	0.000	6.518	0	9613	N.D.	3.096 #
31)	L7 AR-1260-1	6.874	6.006	2878	8555	1.067	3.754 #
32)	L7 AR-1260-2	0.000	6.197	0	12068	N.D.	4.119 #
33)	L7 AR-1260-3	0.000	6.341	0	9151	N.D.	3.454 #
34)	L7 AR-1260-4	0.000	6.809	0	6702	N.D.	2.962 #
36)	L8 AR-1262-1	0.000	6.564	0	1204	N.D.	0.323 #
38)	L8 AR-1262-3	0.000	7.327	0	3079	N.D.	1.212 #
39)	L8 AR-1262-4	0.000	7.392	0	7210	N.D.	1.632 #
41)	L9 AR-1268-1	0.000	7.327	0	3079	N.D.	0.432 #
42)	L9 AR-1268-2	0.000	7.392	0	7210	N.D.	1.118 #
43)	L9 AR-1268-3	8.590	7.591	74511	7971	10.571	1.457 #
45)	L9 AR-1268-5	9.345	8.153	154152	6496	8.359	0.447 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081719\
Data File : P0059421.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Aug 2019 3:06
Operator : SM/SJ
Sample : K3591-08
Misc : AR1232 LOQ 50 PPB
ALS Vial : 44 Sample Multiplier: 1

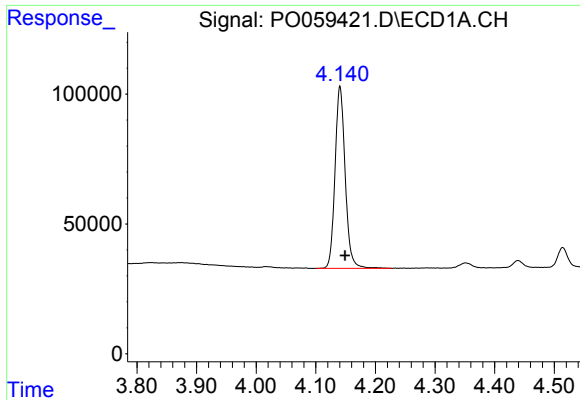
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 03:39:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 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

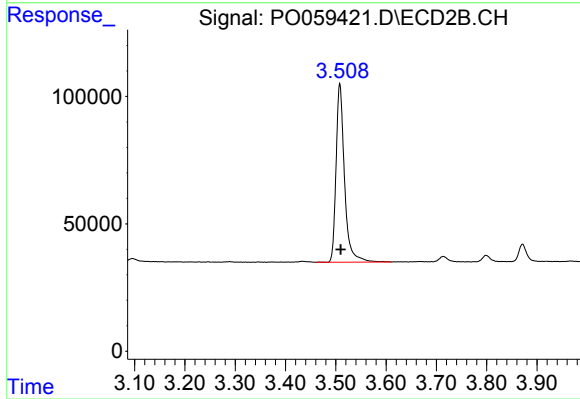
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

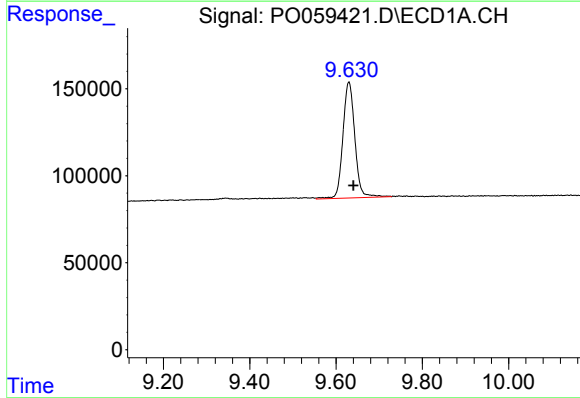
R.T.: 4.141 min
Delta R.T.: -0.008 min
Response: 830636
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



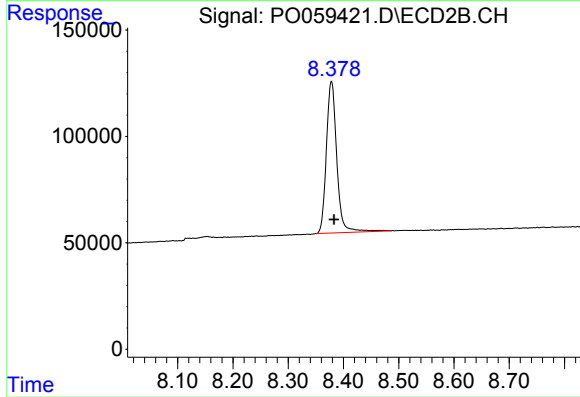
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 819655
Conc: 22.77 ng/ml



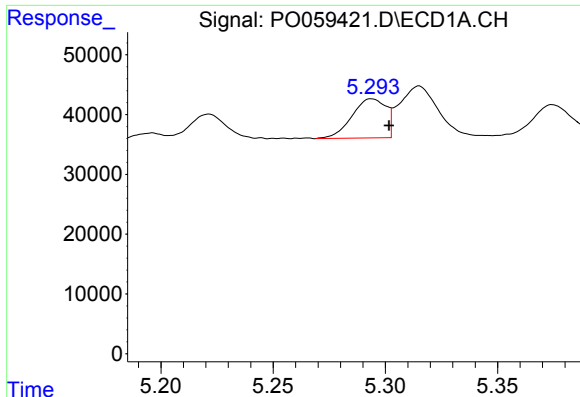
#2 Decachlorobiphenyl

R.T.: 9.630 min
Delta R.T.: -0.011 min
Response: 1283830
Conc: 24.13 ng/ml



#2 Decachlorobiphenyl

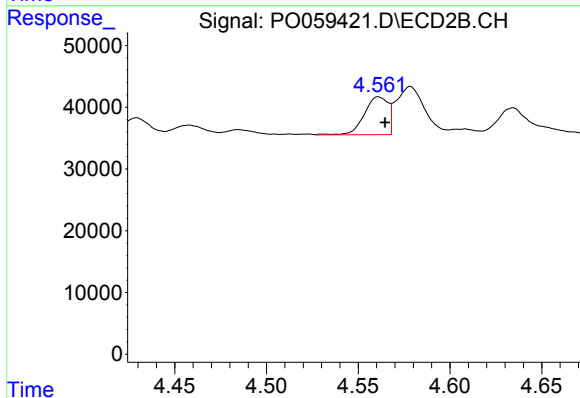
R.T.: 8.378 min
Delta R.T.: -0.005 min
Response: 932703
Conc: 23.13 ng/ml



#3 AR-1016-1

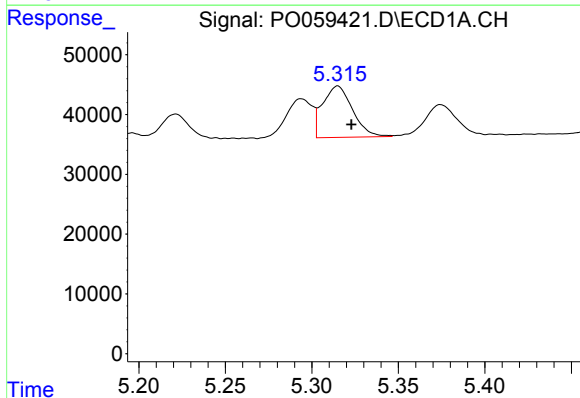
R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 69133
Conc: 43.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



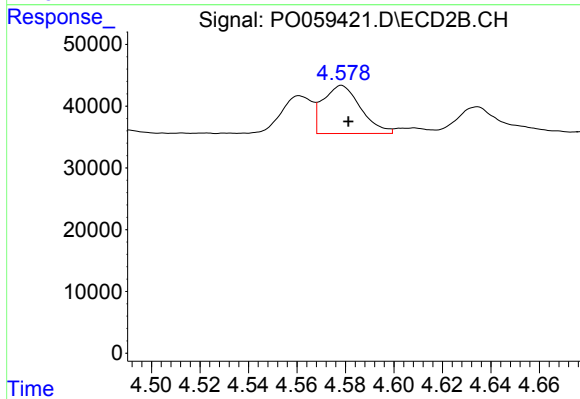
#3 AR-1016-1

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 55457
Conc: 41.02 ng/ml



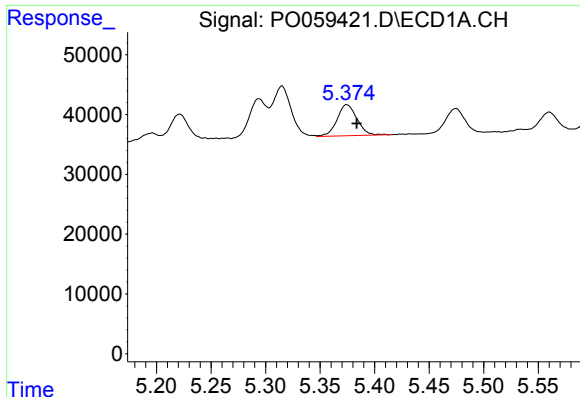
#4 AR-1016-2

R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 103168
Conc: 43.12 ng/ml



#4 AR-1016-2

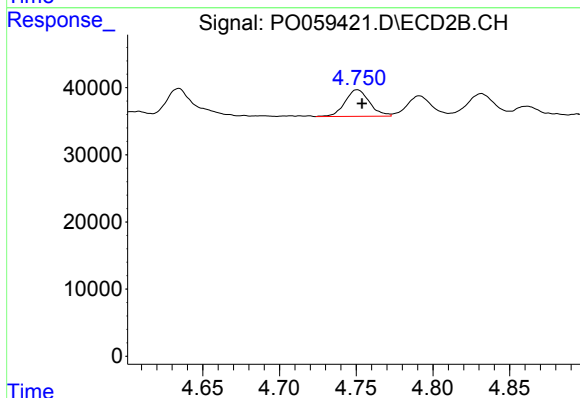
R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 84093
Conc: 41.98 ng/ml



#5 AR-1016-3

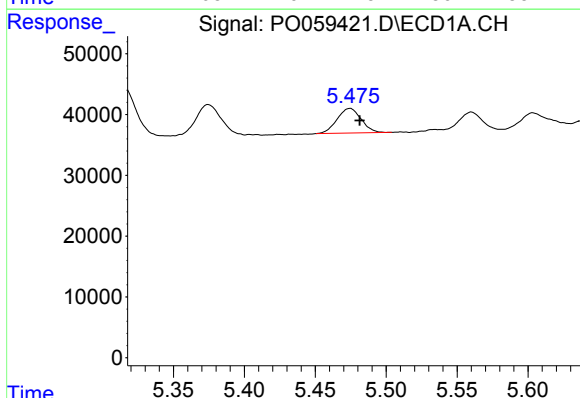
R.T.: 5.375 min
Delta R.T.: -0.009 min
Response: 65847
Conc: 44.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



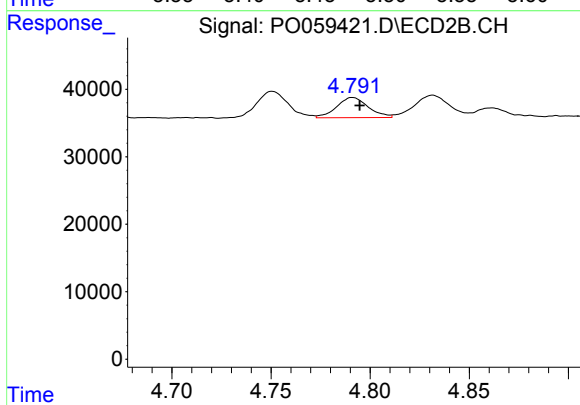
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 44013
Conc: 40.68 ng/ml



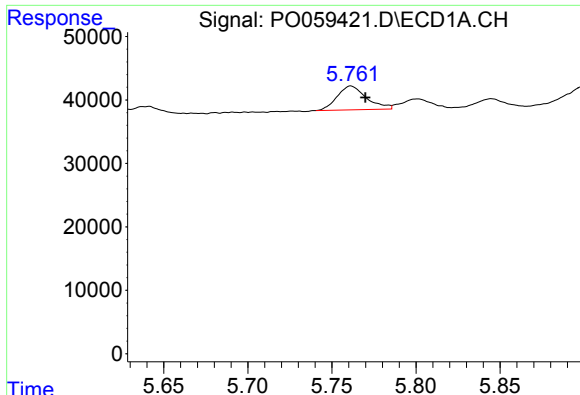
#6 AR-1016-4

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 47936
Conc: 39.62 ng/ml



#6 AR-1016-4

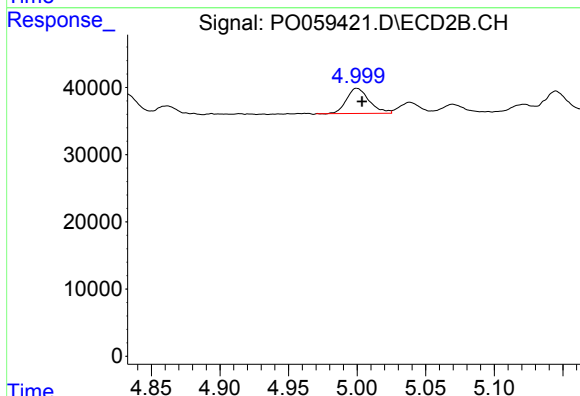
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 33246
Conc: 36.82 ng/ml



#7 AR-1016-5

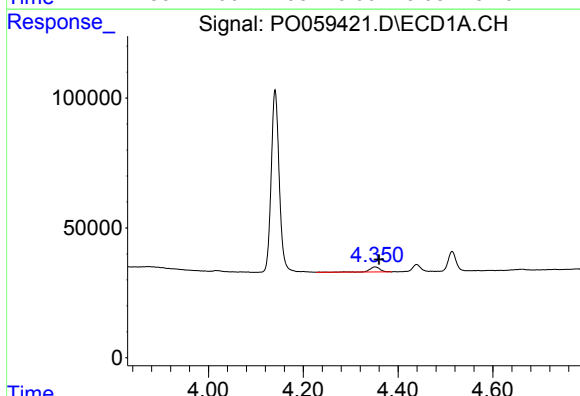
R.T.: 5.761 min
Delta R.T.: -0.009 min
Response: 45595
Conc: 35.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



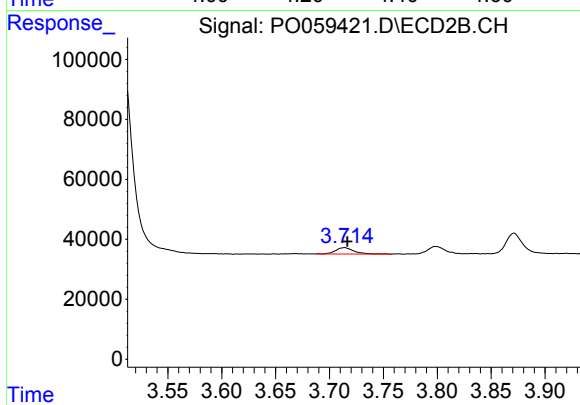
#7 AR-1016-5

R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 43007
Conc: 37.33 ng/ml



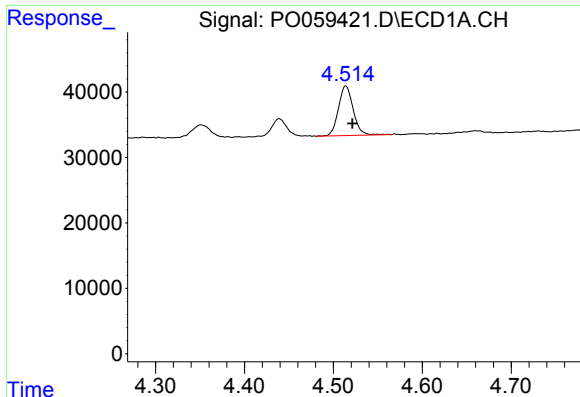
#8 AR-1221-1

R.T.: 4.351 min
Delta R.T.: -0.009 min
Response: 30504
Conc: 72.03 ng/ml



#8 AR-1221-1

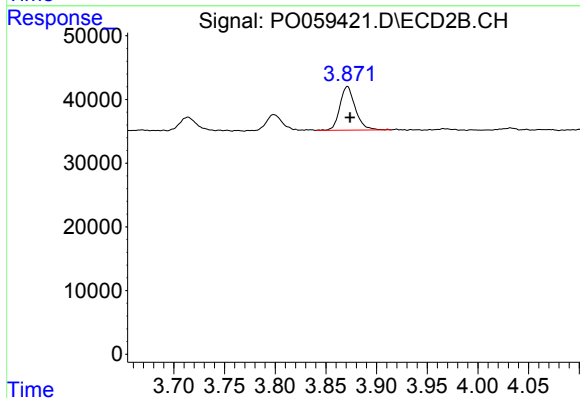
R.T.: 3.714 min
Delta R.T.: -0.003 min
Response: 26341
Conc: 65.62 ng/ml



#11 AR-1232-1

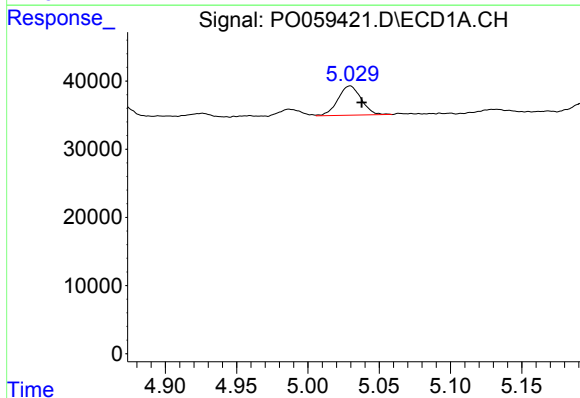
R.T.: 4.514 min
Delta R.T.: -0.007 min
Response: 87722
Conc: 70.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



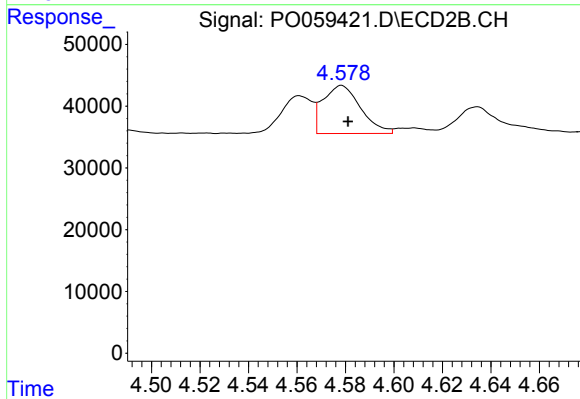
#11 AR-1232-1

R.T.: 3.871 min
Delta R.T.: -0.003 min
Response: 72558
Conc: 63.64 ng/ml



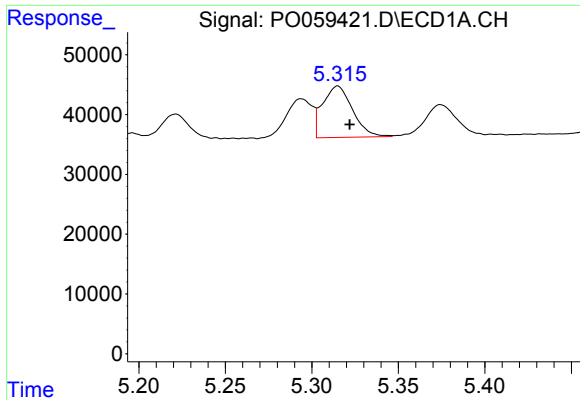
#12 AR-1232-2

R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 48909
Conc: 69.24 ng/ml



#12 AR-1232-2

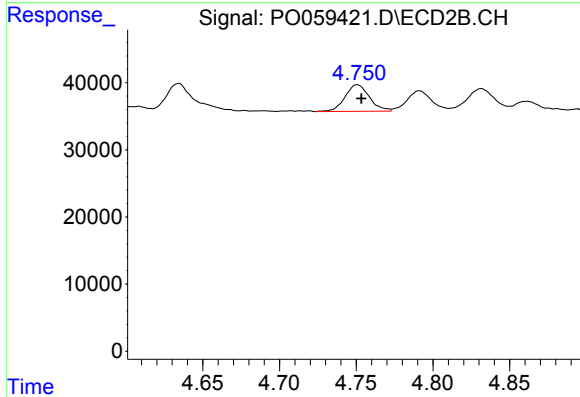
R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 84093
Conc: 66.03 ng/ml



#13 AR-1232-3

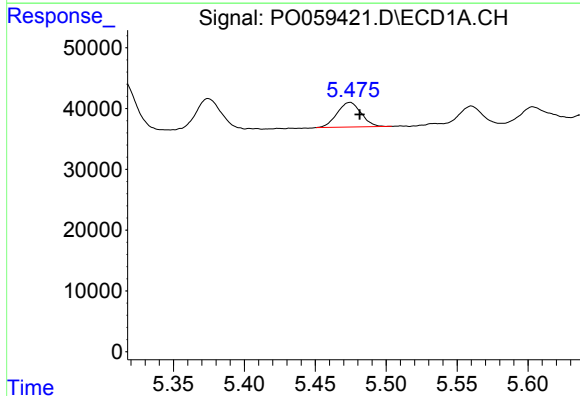
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 103168
Conc: 67.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



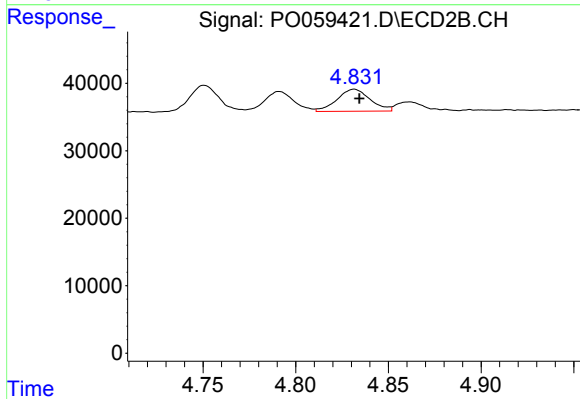
#13 AR-1232-3

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 44013
Conc: 64.64 ng/ml



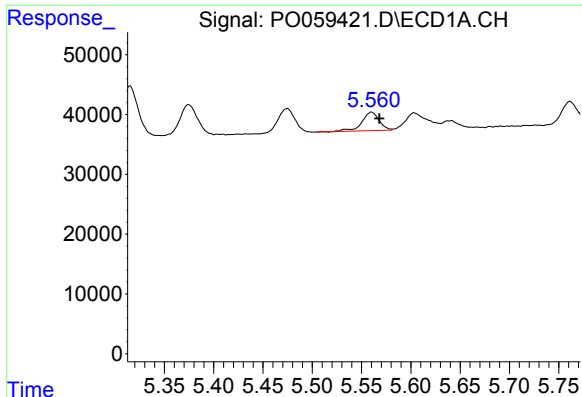
#14 AR-1232-4

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 47936
Conc: 61.31 ng/ml



#14 AR-1232-4

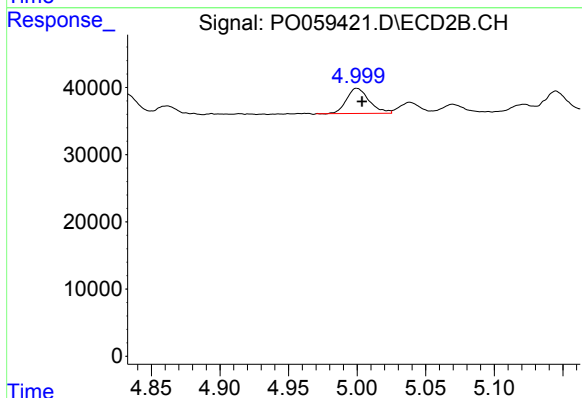
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 40714
Conc: 66.74 ng/ml



#15 AR-1232-5

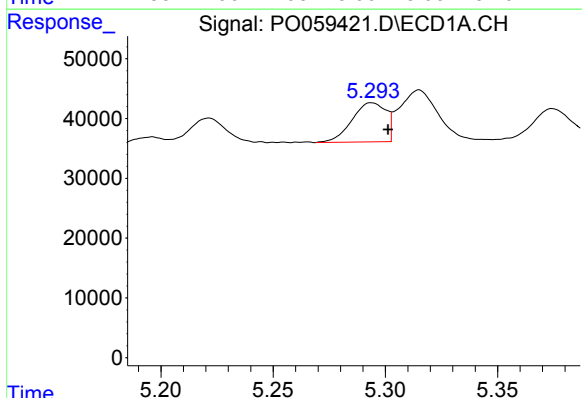
R.T.: 5.560 min
Delta R.T.: -0.008 min
Response: 37832
Conc: 62.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



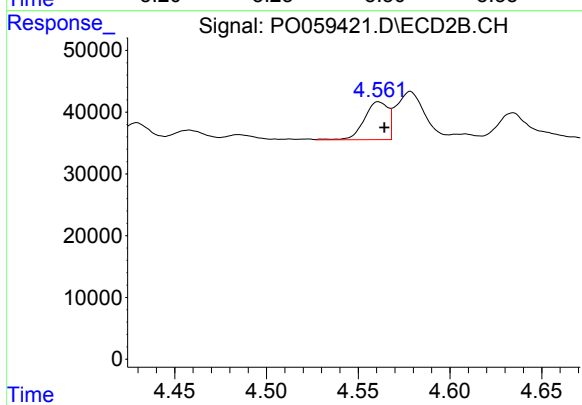
#15 AR-1232-5

R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 43007
Conc: 63.18 ng/ml



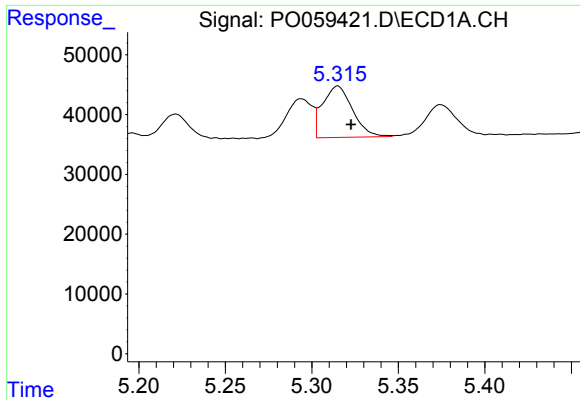
#16 AR-1242-1

R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 69133
Conc: 54.46 ng/ml



#16 AR-1242-1

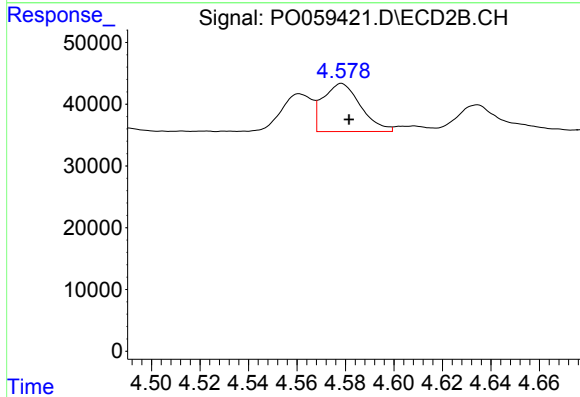
R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 55457
Conc: 53.91 ng/ml



#17 AR-1242-2

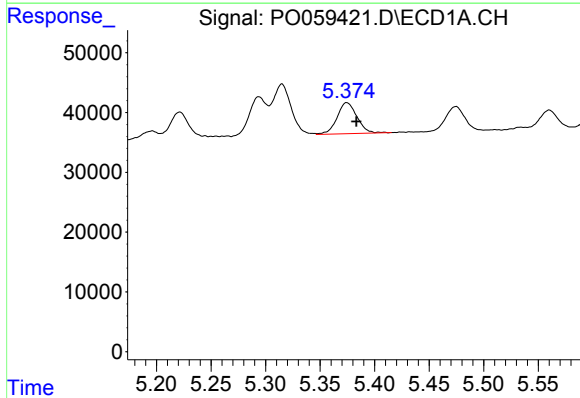
R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 103168
Conc: 55.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



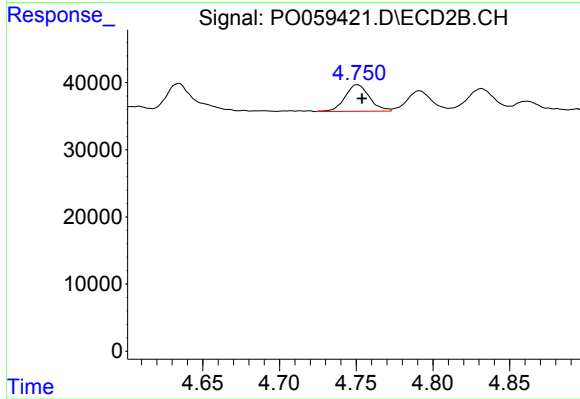
#17 AR-1242-2

R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 84093
Conc: 55.21 ng/ml



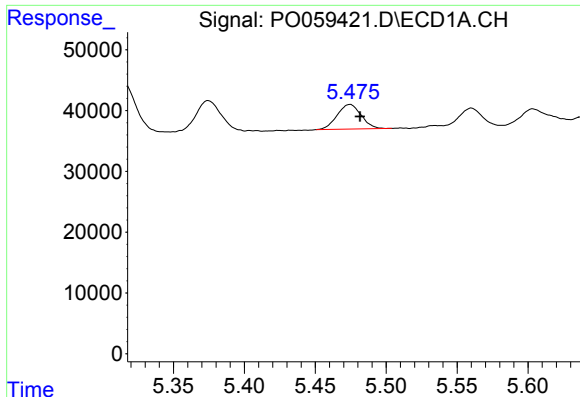
#18 AR-1242-3

R.T.: 5.375 min
Delta R.T.: -0.009 min
Response: 65847
Conc: 56.34 ng/ml



#18 AR-1242-3

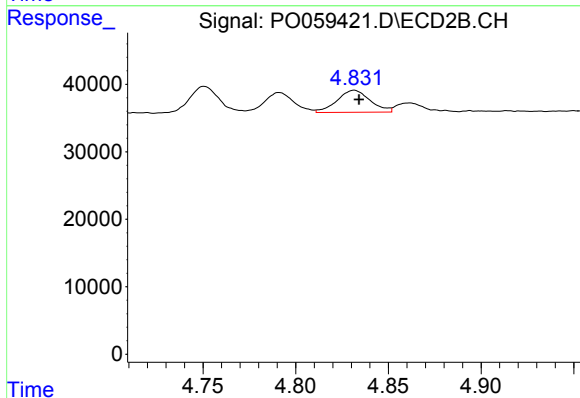
R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 44013
Conc: 52.68 ng/ml



#19 AR-1242-4

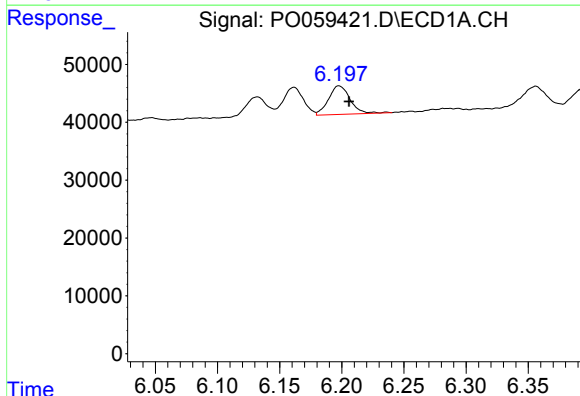
R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 47936
Conc: 49.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



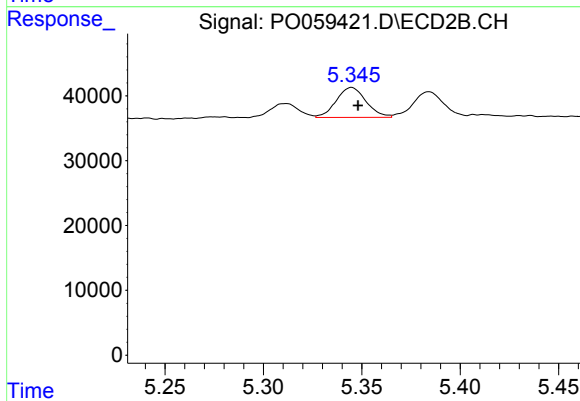
#19 AR-1242-4

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 40714
Conc: 48.80 ng/ml



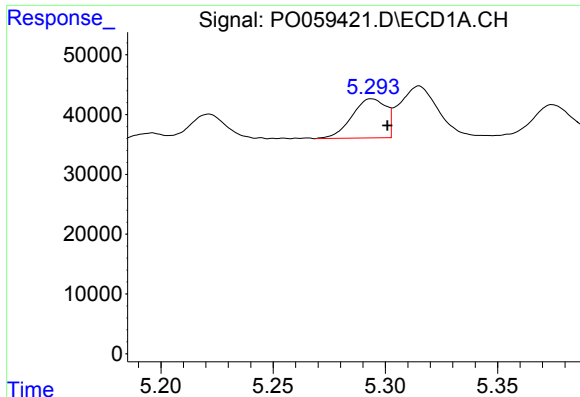
#20 AR-1242-5

R.T.: 6.198 min
Delta R.T.: -0.008 min
Response: 59740
Conc: 47.54 ng/ml



#20 AR-1242-5

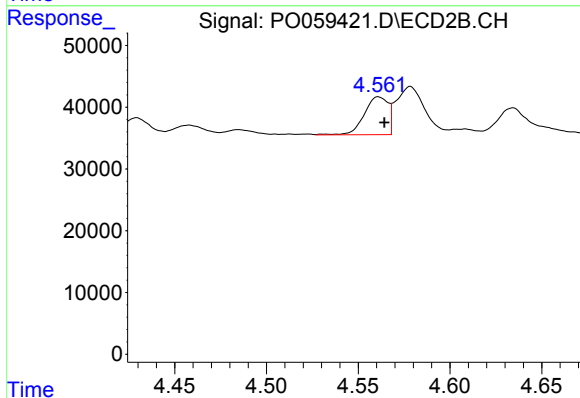
R.T.: 5.345 min
Delta R.T.: -0.003 min
Response: 48661
Conc: 43.50 ng/ml



#21 AR-1248-1

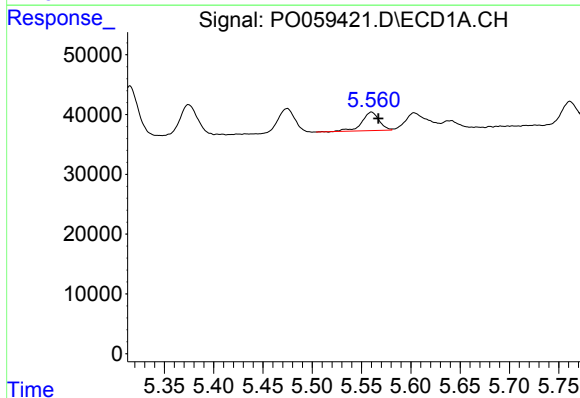
R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 69133
Conc: 68.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



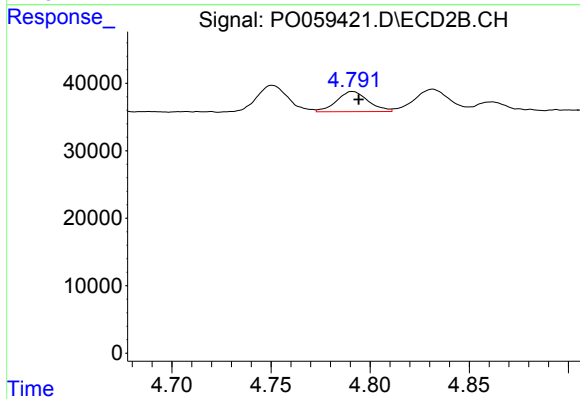
#21 AR-1248-1

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 55457
Conc: 66.98 ng/ml



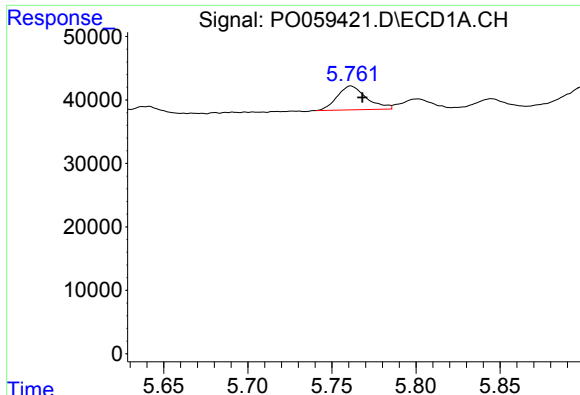
#22 AR-1248-2

R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 37832
Conc: 26.07 ng/ml



#22 AR-1248-2

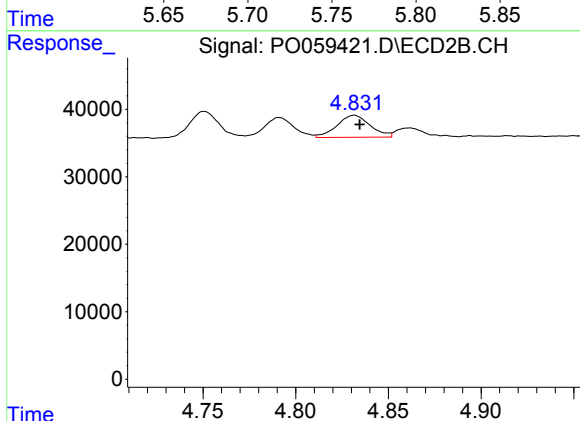
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 33246
Conc: 28.83 ng/ml



#23 AR-1248-3

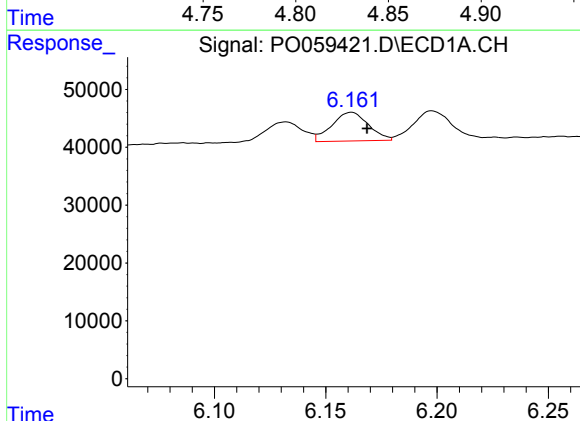
R.T.: 5.761 min
Delta R.T.: -0.007 min
Response: 45595
Conc: 27.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



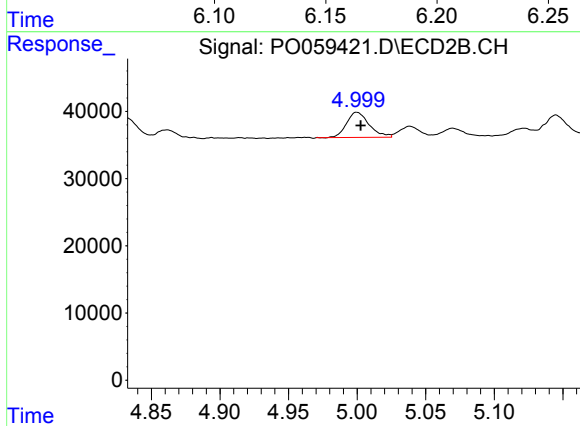
#23 AR-1248-3

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 40714
Conc: 34.28 ng/ml



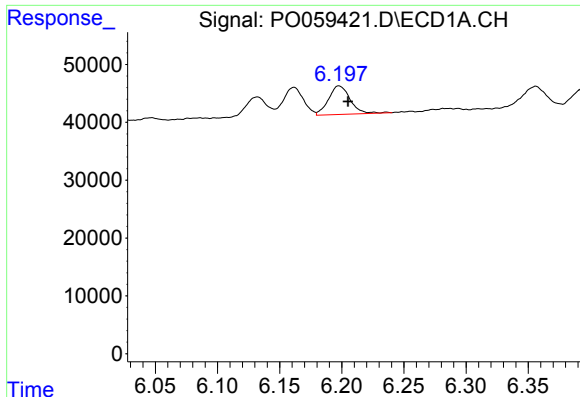
#24 AR-1248-4

R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 56786
Conc: 27.78 ng/ml



#24 AR-1248-4

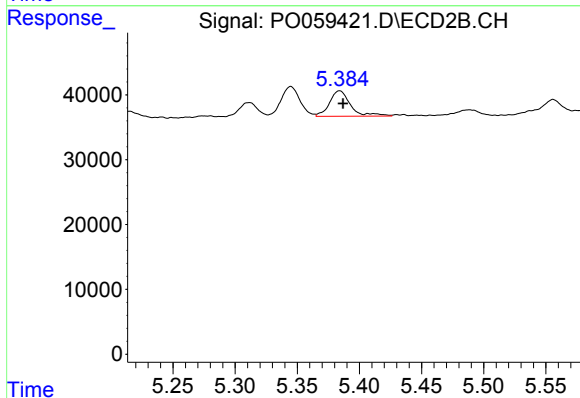
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 43007
Conc: 29.60 ng/ml



#25 AR-1248-5

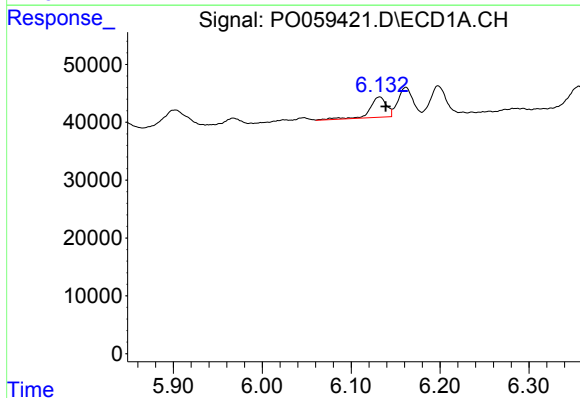
R.T.: 6.198 min
Delta R.T.: -0.007 min
Response: 59740
Conc: 30.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



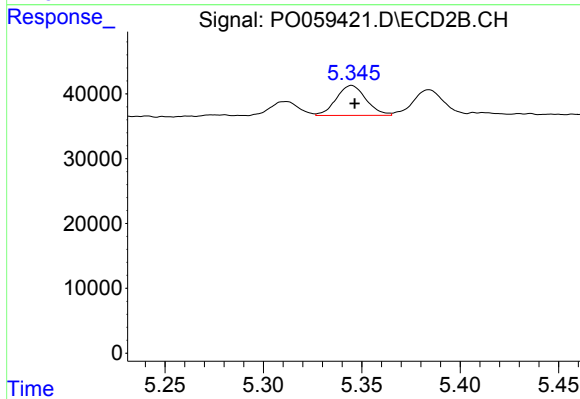
#25 AR-1248-5

R.T.: 5.384 min
Delta R.T.: -0.003 min
Response: 46256
Conc: 32.32 ng/ml



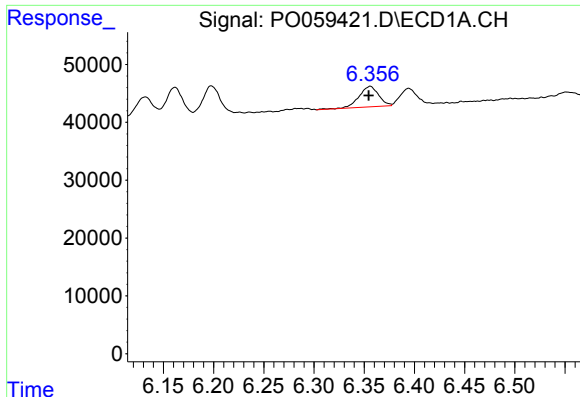
#26 AR-1254-1

R.T.: 6.132 min
Delta R.T.: -0.007 min
Response: 45876
Conc: 21.99 ng/ml



#26 AR-1254-1

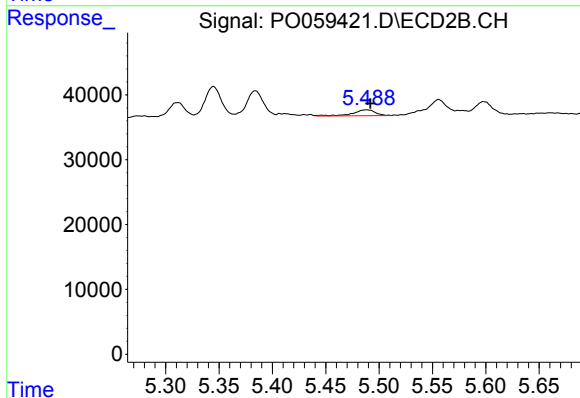
R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 48661
Conc: 20.52 ng/ml



#27 AR-1254-2

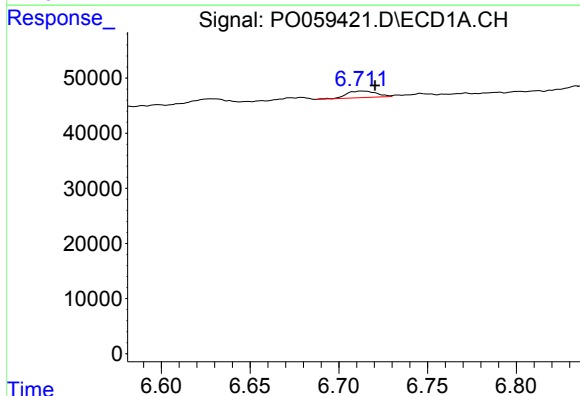
R.T.: 6.356 min
Delta R.T.: 0.001 min
Response: 48031
Conc: 14.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



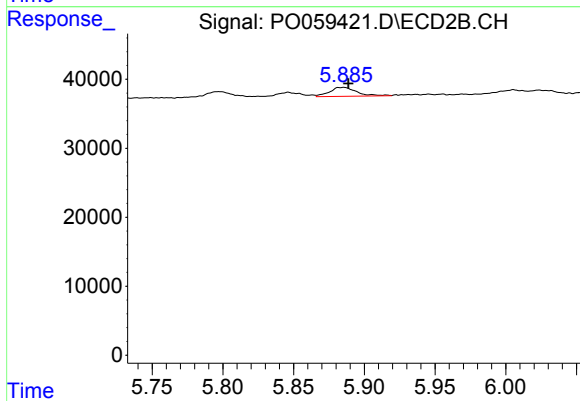
#27 AR-1254-2

R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 13362
Conc: 6.37 ng/ml



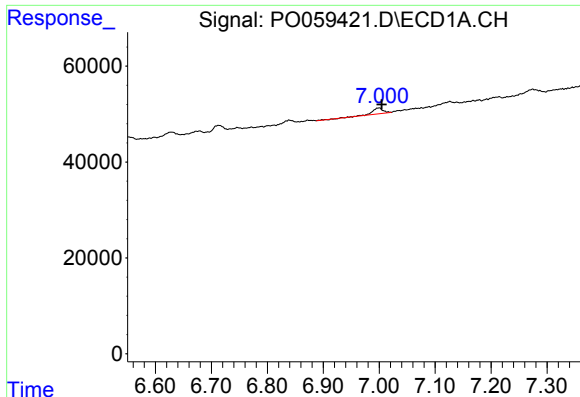
#28 AR-1254-3

R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 13889
Conc: 3.91 ng/ml



#28 AR-1254-3

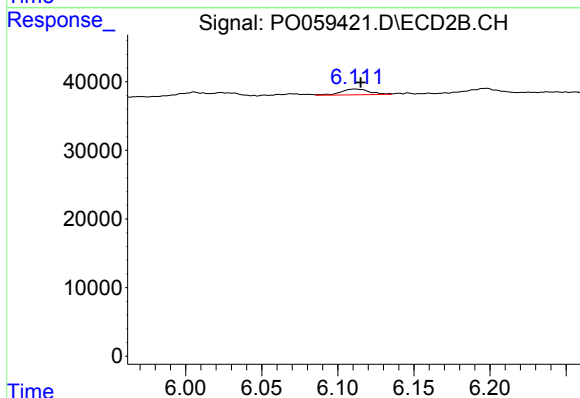
R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 17616
Conc: 5.24 ng/ml



#29 AR-1254-4

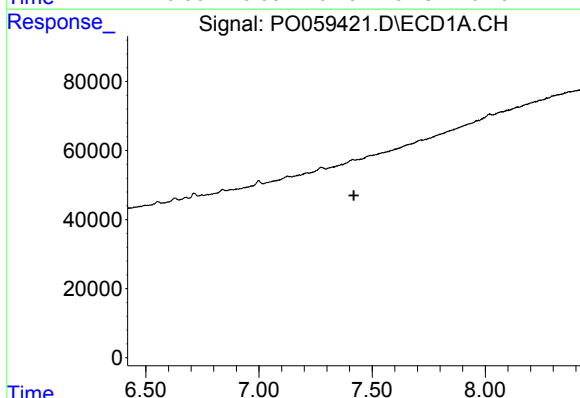
R.T.: 6.999 min
Delta R.T.: -0.006 min
Response: 15727
Conc: 5.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



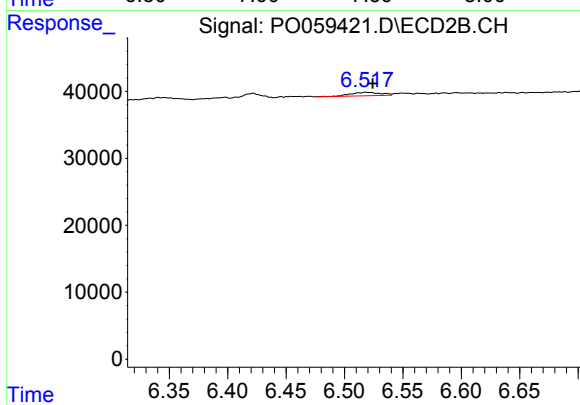
#29 AR-1254-4

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 11063
Conc: 5.37 ng/ml



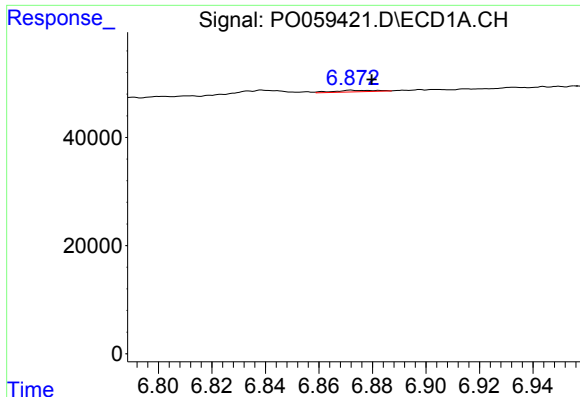
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.419 min
Response: 0
Conc: N.D.



#30 AR-1254-5

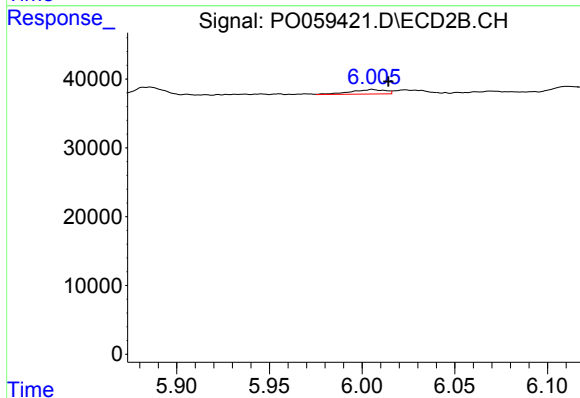
R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 9613
Conc: 3.10 ng/ml



#31 AR-1260-1

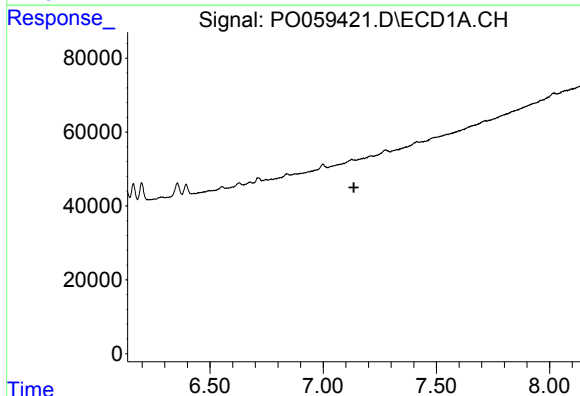
R.T.: 6.874 min
Delta R.T.: -0.005 min
Response: 2878
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



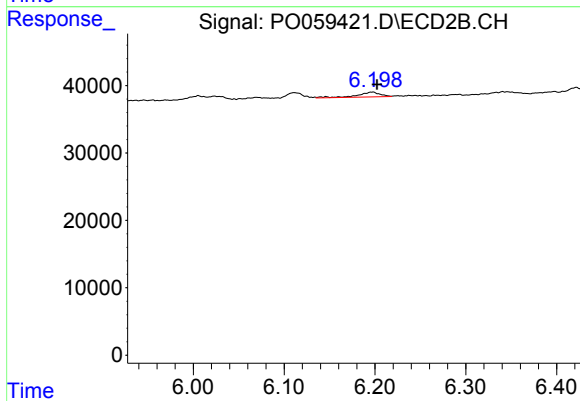
#31 AR-1260-1

R.T.: 6.006 min
Delta R.T.: -0.009 min
Response: 8555
Conc: 3.75 ng/ml



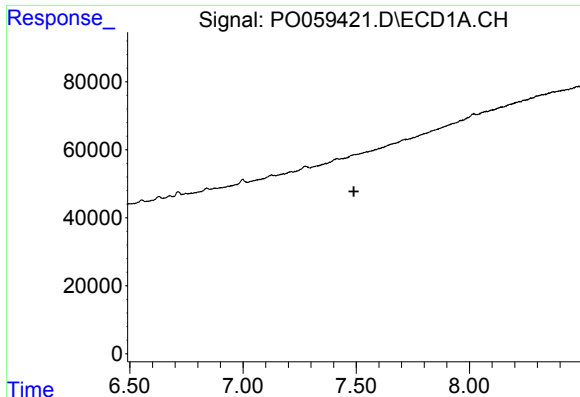
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.135 min
Response: 0
Conc: N.D.



#32 AR-1260-2

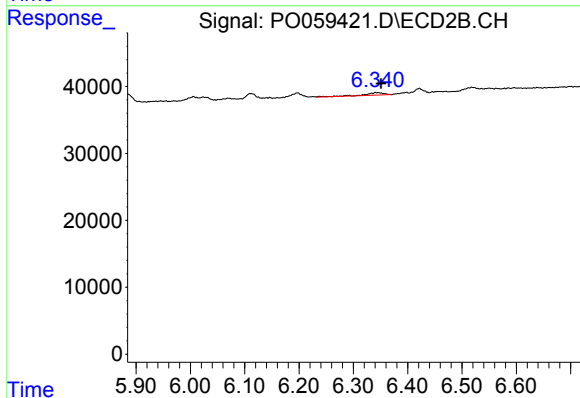
R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 12068
Conc: 4.12 ng/ml



#33 AR-1260-3

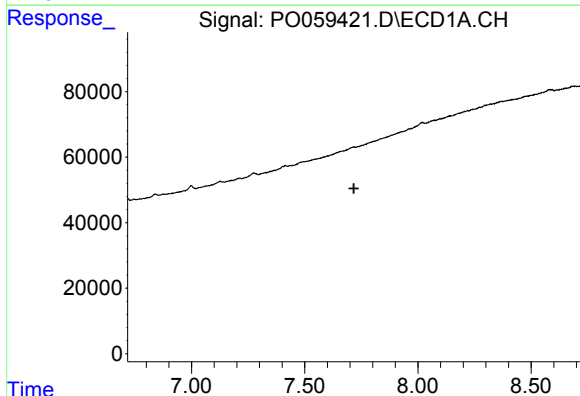
R.T.: 0.000 min
Exp R.T.: 7.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



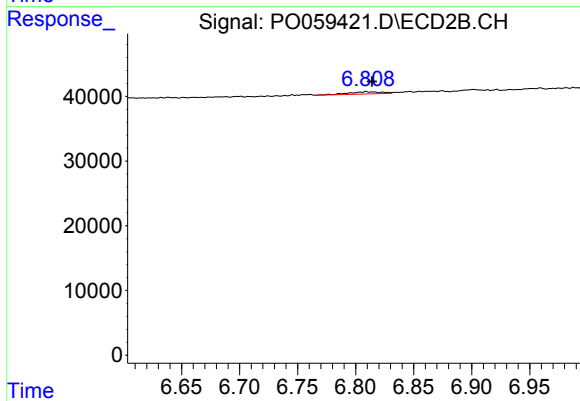
#33 AR-1260-3

R.T.: 6.341 min
Delta R.T.: -0.010 min
Response: 9151
Conc: 3.45 ng/ml



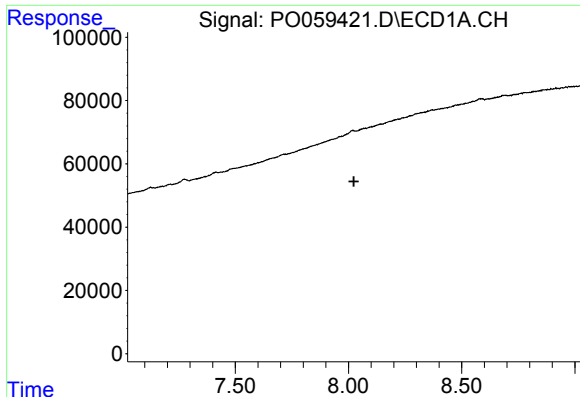
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.717 min
Response: 0
Conc: N.D.



#34 AR-1260-4

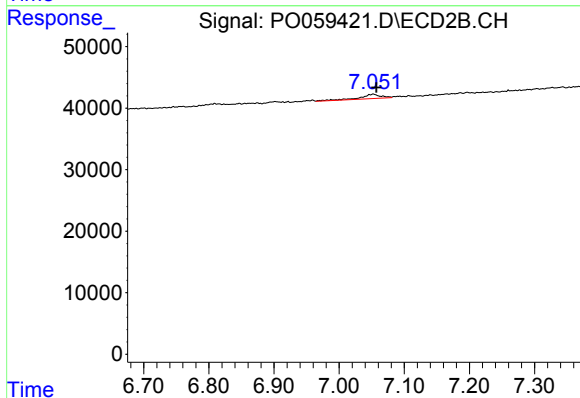
R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 6702
Conc: 2.96 ng/ml



#35 AR-1260-5

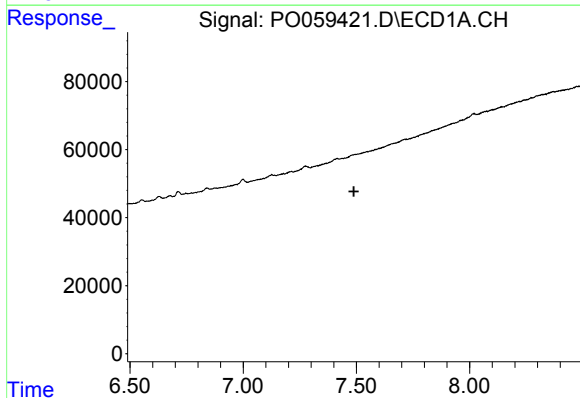
R.T.: 8.020 min
Delta R.T.: -0.004 min
Response: -160558
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



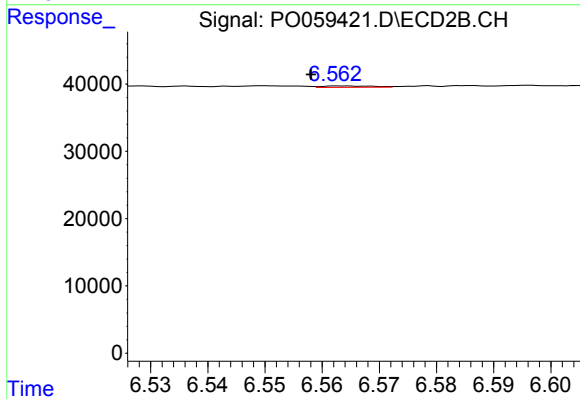
#35 AR-1260-5

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 15936
Conc: 2.90 ng/ml



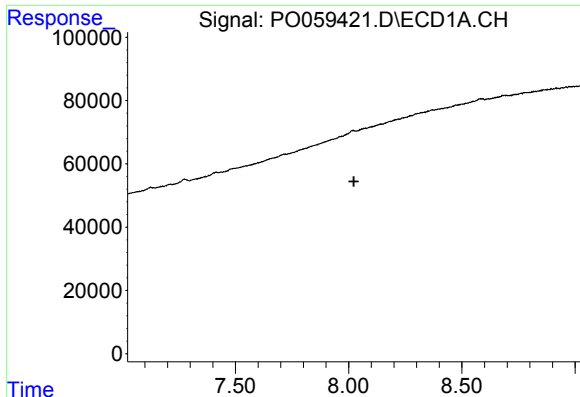
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.489 min
Response: 0
Conc: N.D.



#36 AR-1262-1

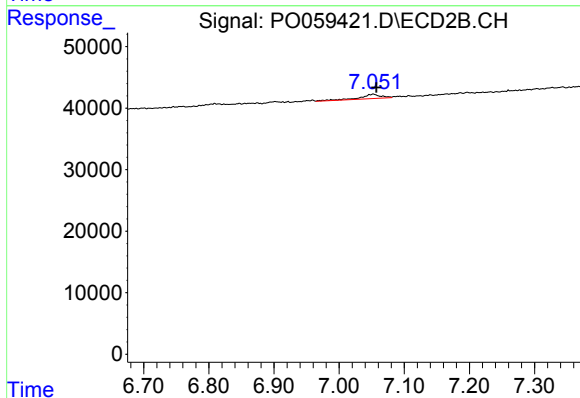
R.T.: 6.564 min
Delta R.T.: 0.006 min
Response: 1204
Conc: 0.32 ng/ml



#37 AR-1262-2

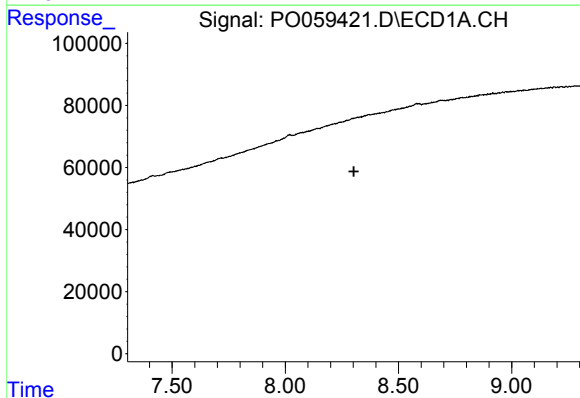
R.T.: 8.020 min
Delta R.T.: -0.003 min
Response: -160558
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



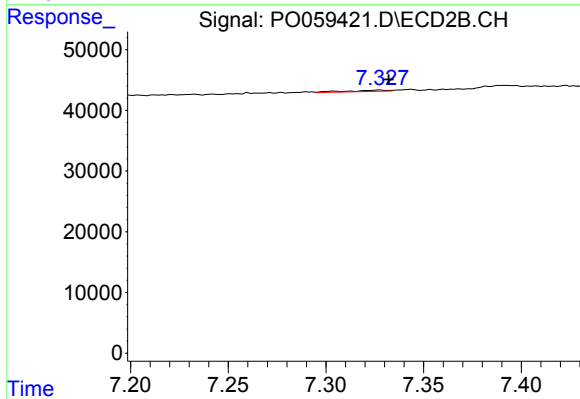
#37 AR-1262-2

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 15936
Conc: 2.71 ng/ml



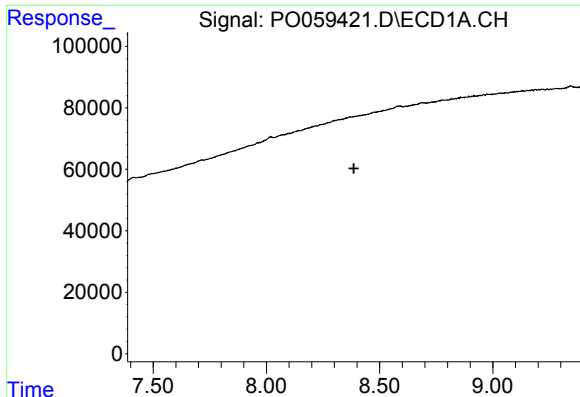
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.303 min
Response: 0
Conc: N.D.



#38 AR-1262-3

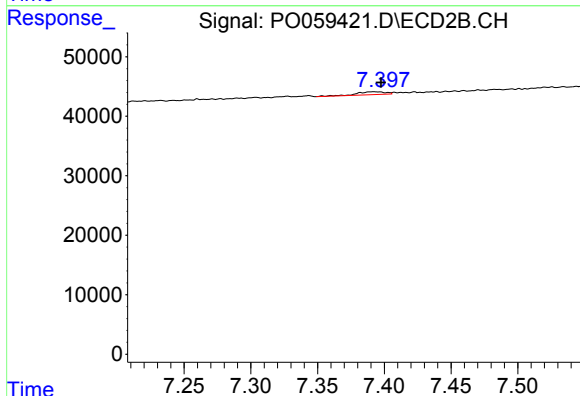
R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 3079
Conc: 1.21 ng/ml



#39 AR-1262-4

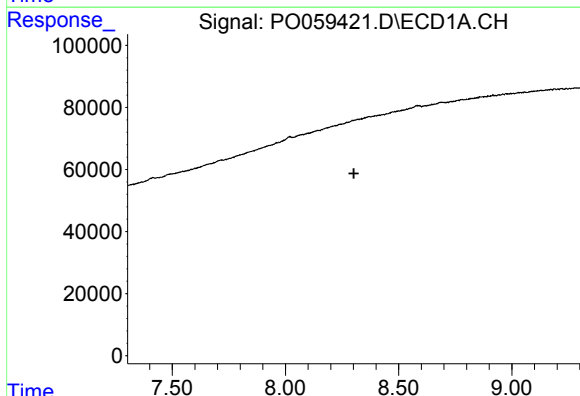
R.T.: 0.000 min
Exp R.T. : 8.386 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



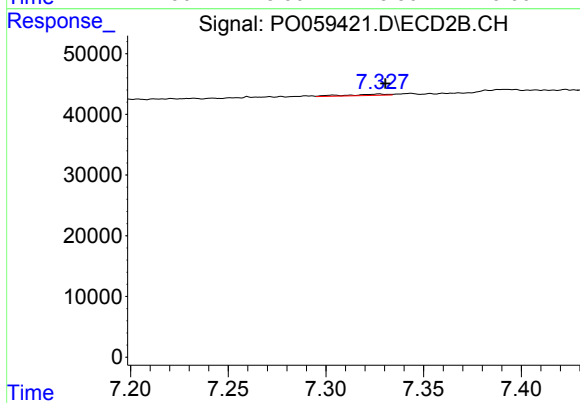
#39 AR-1262-4

R.T.: 7.392 min
Delta R.T.: -0.005 min
Response: 7210
Conc: 1.63 ng/ml



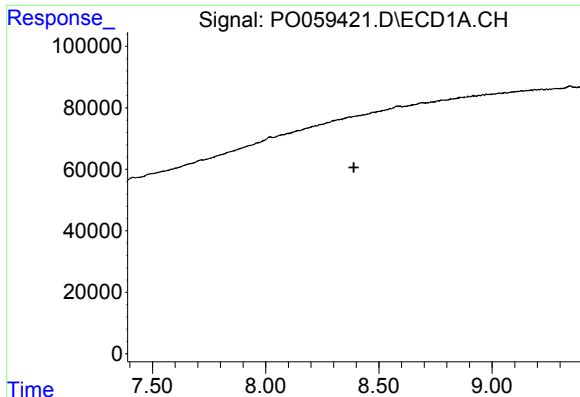
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.302 min
Response: 0
Conc: N.D.



#41 AR-1268-1

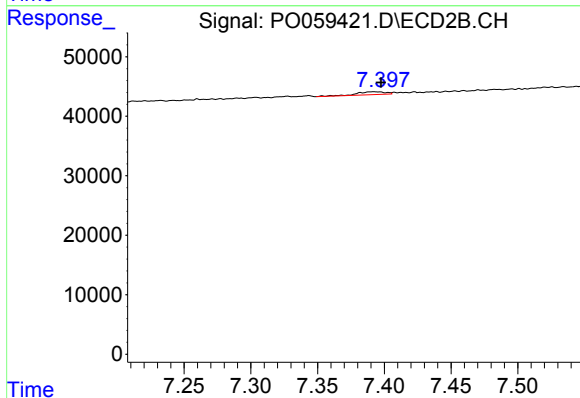
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 3079
Conc: 0.43 ng/ml



#42 AR-1268-2

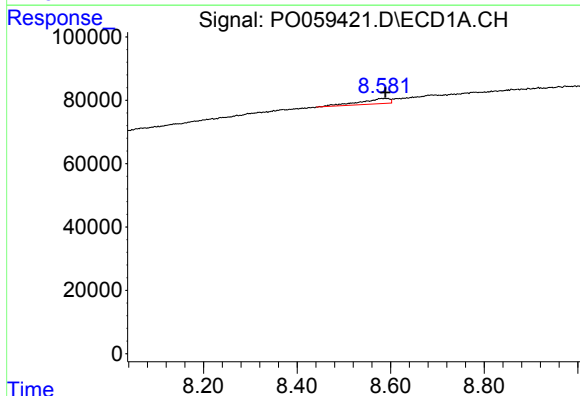
R.T.: 0.000 min
Exp R.T.: 8.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



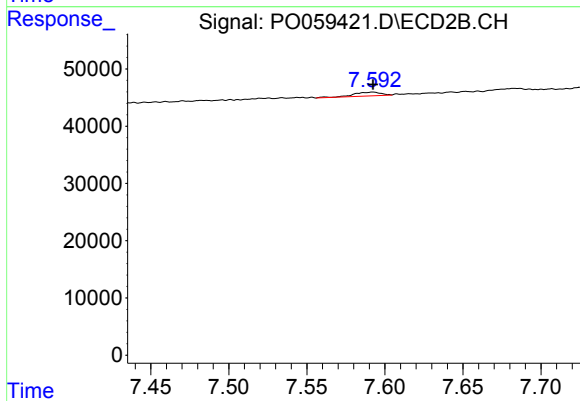
#42 AR-1268-2

R.T.: 7.392 min
Delta R.T.: -0.005 min
Response: 7210
Conc: 1.12 ng/ml



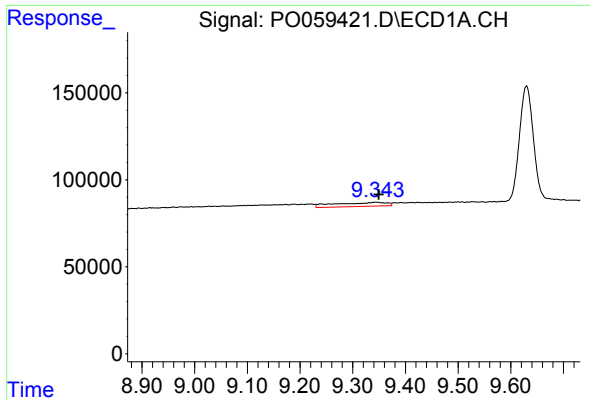
#43 AR-1268-3

R.T.: 8.590 min
Delta R.T.: 0.001 min
Response: 74511
Conc: 10.57 ng/ml



#43 AR-1268-3

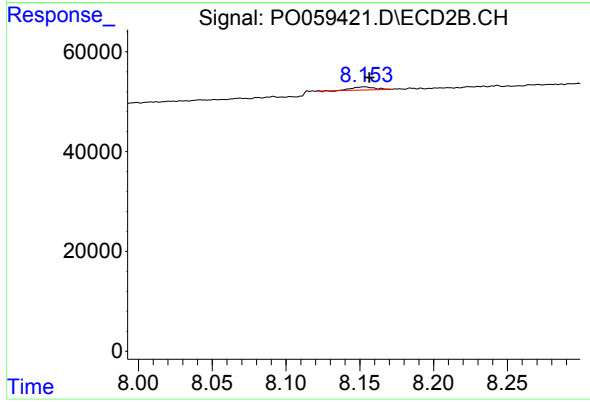
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 7971
Conc: 1.46 ng/ml



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: -0.005 min
Response: 154152
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 6496
Conc: 0.45 ng/ml