

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059755.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 18:07
 Operator : SM/AJ
 Sample : K4477-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:24:42 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...	4.124	3.498	1042562	925588	29.777	25.714
2)	SA Decachlor...	9.599	8.358	950711	780643	17.870	19.361
Target Compounds							
3)	L1 AR-1016-1	5.294	0.000	1554	0	0.969	N.D. #
4)	L1 AR-1016-2	5.294	0.000	1554	0	0.650	N.D. #
5)	L1 AR-1016-3	5.352	0.000	4084	0	2.742	N.D. #
6)	L1 AR-1016-4	5.489	0.000	3019	0	2.495	N.D. #
7)	L1 AR-1016-5	5.742	4.963	4812	2702	3.748	2.346 #
8)	L2 AR-1221-1	4.425	0.000	14831	0	35.021	N.D. #
9)	L2 AR-1221-2	4.425	3.790	14831	23959	45.661	78.649 #
10)	L2 AR-1221-3	4.507	3.858	4589	16829	4.363	17.200 #
11)	L3 AR-1232-1	4.507	3.858	4589	16829	3.682	14.761 #
12)	L3 AR-1232-2	5.042	0.000	2056	0	2.911	N.D. #
13)	L3 AR-1232-3	5.315	0.000	639	0	0.417	N.D. #
14)	L3 AR-1232-4	5.489	0.000	3019	0	3.861	N.D. #
15)	L3 AR-1232-5	5.567	4.963	607	2702	1.010	3.969 #
16)	L4 AR-1242-1	5.294	0.000	1554	0	1.224	N.D. #
17)	L4 AR-1242-2	5.315	0.000	639	0	0.344	N.D. #
18)	L4 AR-1242-3	5.387	0.000	8484	0	7.258	N.D. #
19)	L4 AR-1242-4	5.489	0.000	3019	0	3.119	N.D. #
20)	L4 AR-1242-5	6.181	5.361	4697	7365	3.738	6.584 #
21)	L5 AR-1248-1	5.294	0.000	1554	0	1.551	N.D. #
22)	L5 AR-1248-2	5.542	0.000	1688	0	1.163	N.D. #
23)	L5 AR-1248-3	5.742	0.000	4812	0	2.895	N.D. #
24)	L5 AR-1248-4	6.147	4.963	4111	2702	2.011	1.859
25)	L5 AR-1248-5	6.181	5.361	4697	7365	2.368	5.146 #
26)	L6 AR-1254-1	6.121	5.304	22703	14243	10.881	6.005 #
27)	L6 AR-1254-2	6.333	5.471	15469	11730	4.637	5.590
28)	L6 AR-1254-3	6.750	5.878	267023	18924	75.250	5.628 #
29)	L6 AR-1254-4	7.039	6.135	79212	38243	26.892	18.548 #
30)	L6 AR-1254-5	7.391	6.502	13648	27908	4.414	8.988 #
31)	L7 AR-1260-1	6.857	6.006	13126	11642	4.869	5.109
32)	L7 AR-1260-2	7.106	6.183	8872	9644	2.391	3.292 #
33)	L7 AR-1260-3	7.454	6.311	42495	7072	12.970	2.670 #
34)	L7 AR-1260-4	7.691	0.000	66130	0	21.531	N.D. #
35)	L7 AR-1260-5	7.993	7.032	356475	28283	50.343	5.139 #
36)	L8 AR-1262-1	7.454	6.535	42495	4964	8.757	1.332 #
37)	L8 AR-1262-2	8.024	7.032	25276	28283	3.276	4.811 #
38)	L8 AR-1262-3	8.330	0.000	259064	0	50.774	N.D. #
39)	L8 AR-1262-4	8.396	7.432	62243	3083	16.147	0.698 #
40)	L8 AR-1262-5	9.004	0.000	300224	0	116.975	N.D. #
41)	L9 AR-1268-1	8.330	0.000	259064	0	27.529	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
Data File : P0059755.D
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Acq On : 23 Aug 2019 18:07
Operator : SM/AJ
Sample : K4477-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

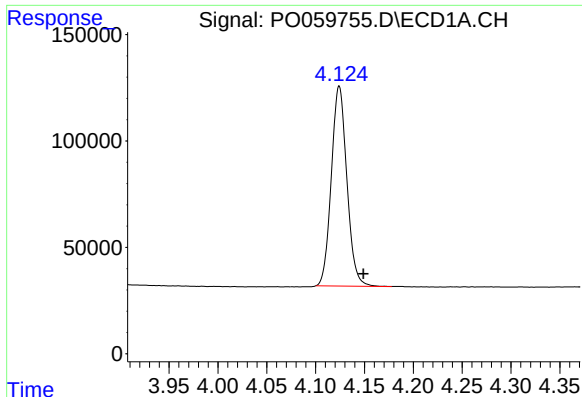
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 22:24:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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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
42)	L9 AR-1268-2	8.396	7.432	62243	3083	7.896	0.478 #
43)	L9 AR-1268-3	8.600	7.621	516597	56409	73.289	10.309 #
44)	L9 AR-1268-4	9.004	0.000	300224	0	107.993	N.D. #
45)	L9 AR-1268-5	9.368	8.133	4859	6012	0.263	0.414 #

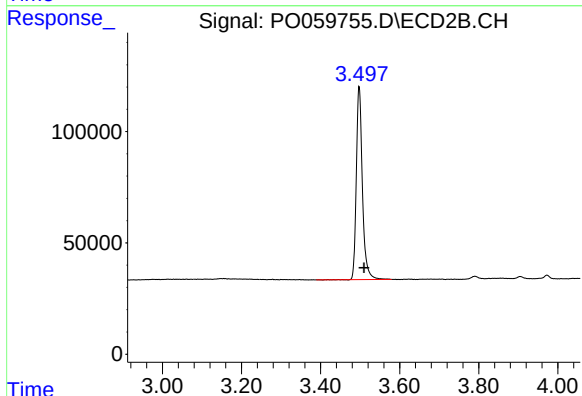
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

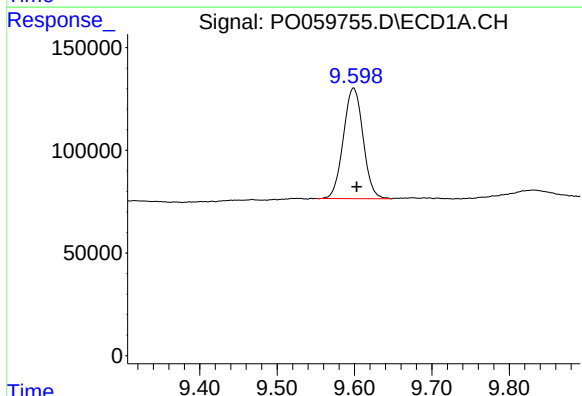
R.T.: 4.124 min
Delta R.T.: -0.025 min
Response: 1042562
Conc: 29.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



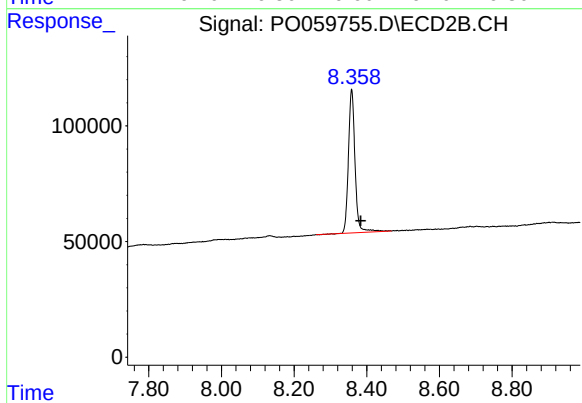
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 925588
Conc: 25.71 ng/ml



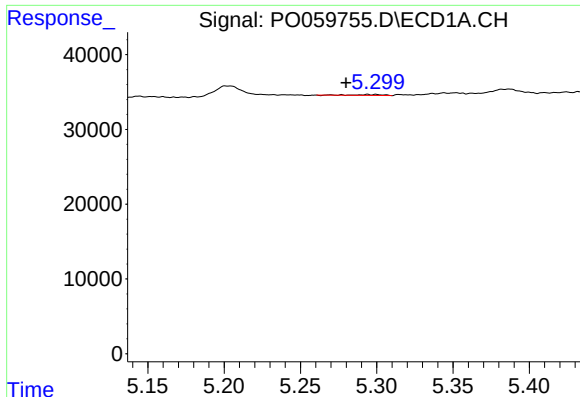
#2 Decachlorobiphenyl

R.T.: 9.599 min
Delta R.T.: -0.004 min
Response: 950711
Conc: 17.87 ng/ml



#2 Decachlorobiphenyl

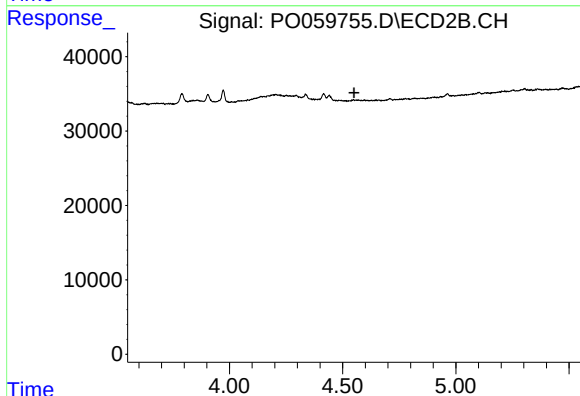
R.T.: 8.358 min
Delta R.T.: -0.025 min
Response: 780643
Conc: 19.36 ng/ml



#3 AR-1016-1

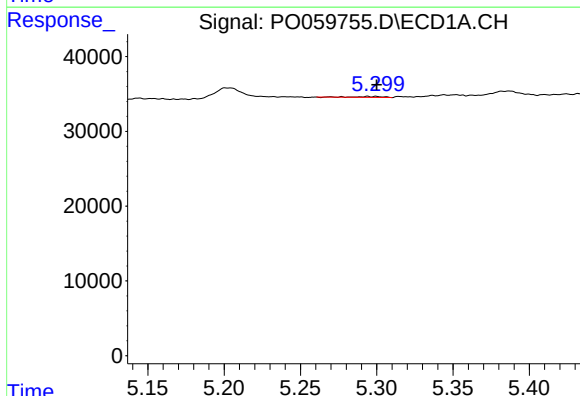
R.T.: 5.294 min
Delta R.T.: 0.014 min
Response: 1554
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



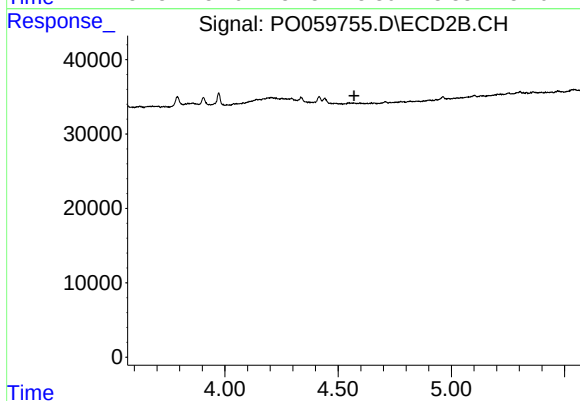
#3 AR-1016-1

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



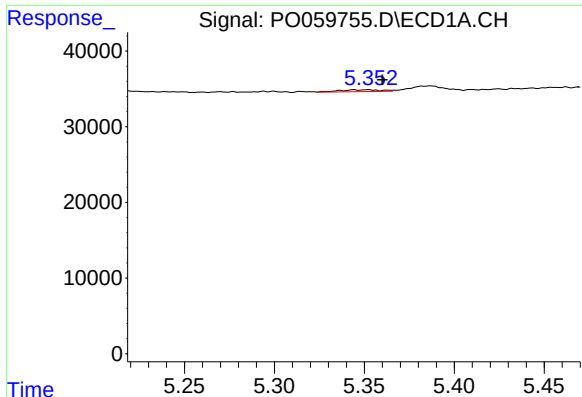
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 1554
Conc: 0.65 ng/ml



#4 AR-1016-2

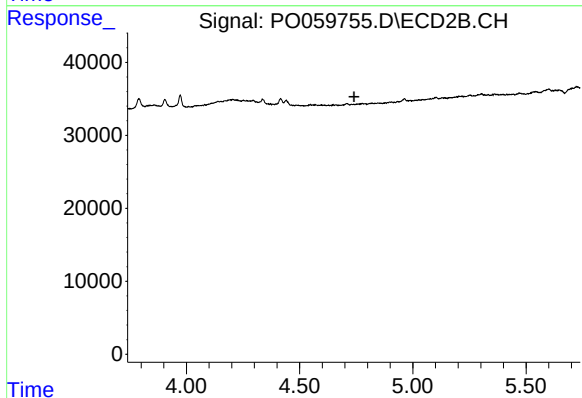
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

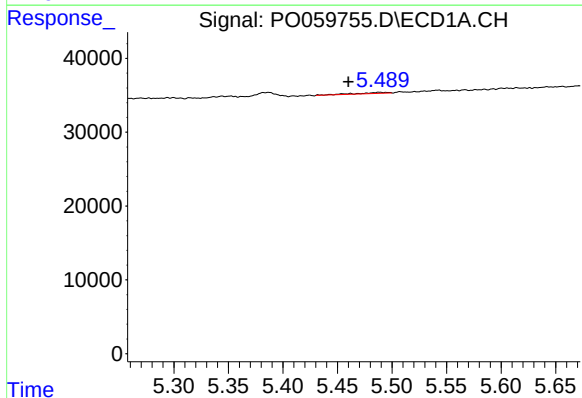
R.T.: 5.352 min
Delta R.T.: -0.008 min
Response: 4084
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



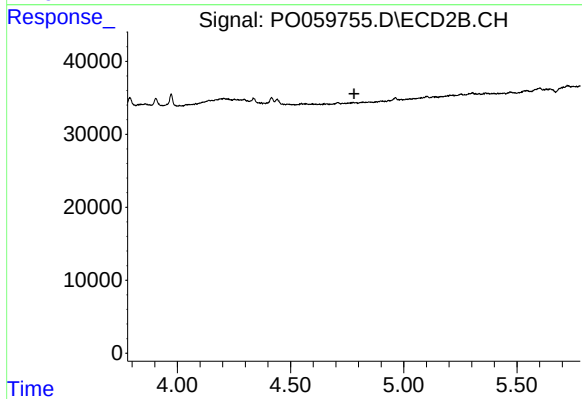
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



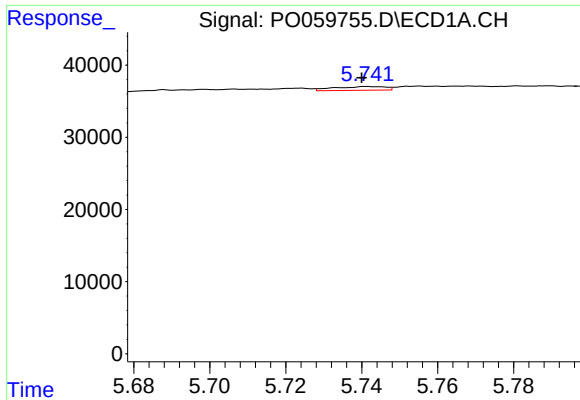
#6 AR-1016-4

R.T.: 5.489 min
Delta R.T.: 0.029 min
Response: 3019
Conc: 2.50 ng/ml



#6 AR-1016-4

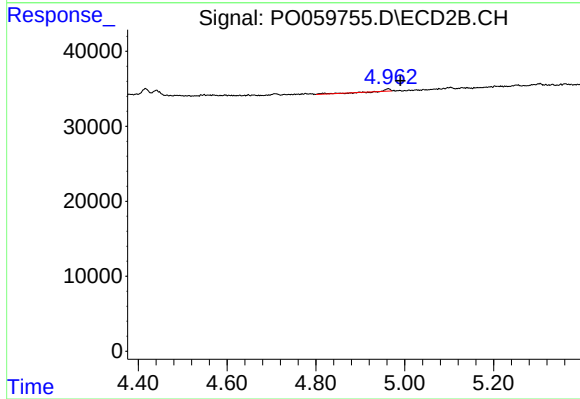
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

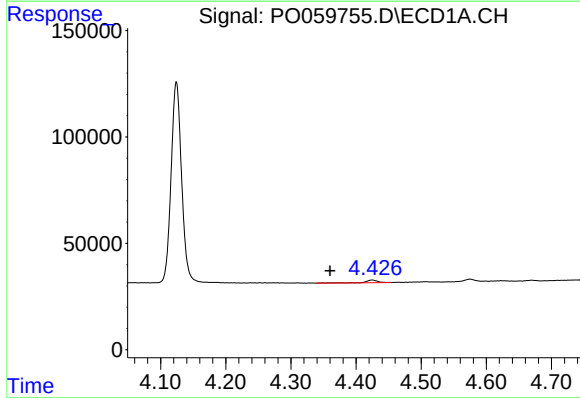
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 4812
Conc: 3.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



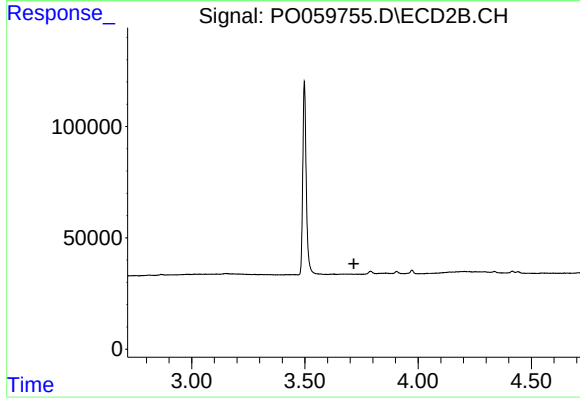
#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: -0.027 min
Response: 2702
Conc: 2.35 ng/ml



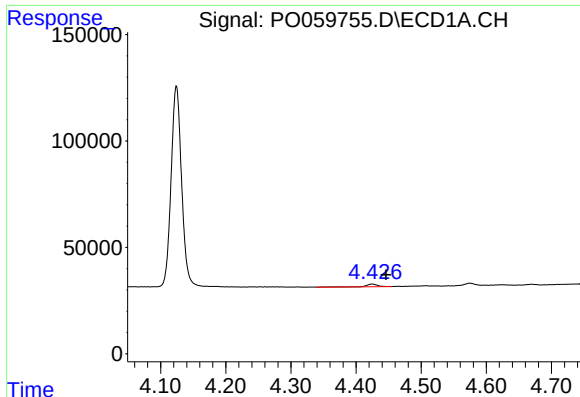
#8 AR-1221-1

R.T.: 4.425 min
Delta R.T.: 0.064 min
Response: 14831
Conc: 35.02 ng/ml



#8 AR-1221-1

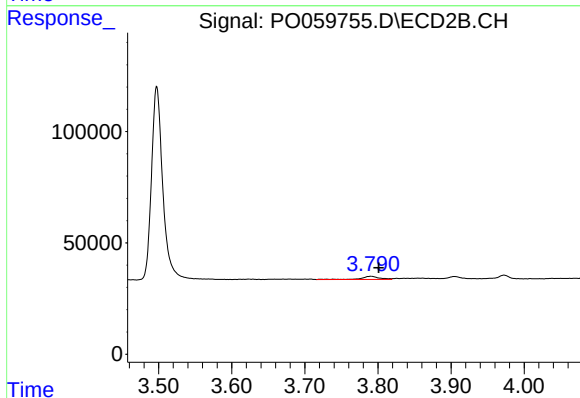
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

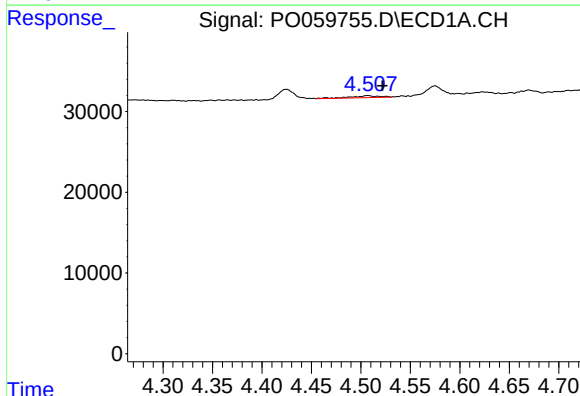
R.T.: 4.425 min
Delta R.T.: -0.022 min
Response: 14831
Conc: 45.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



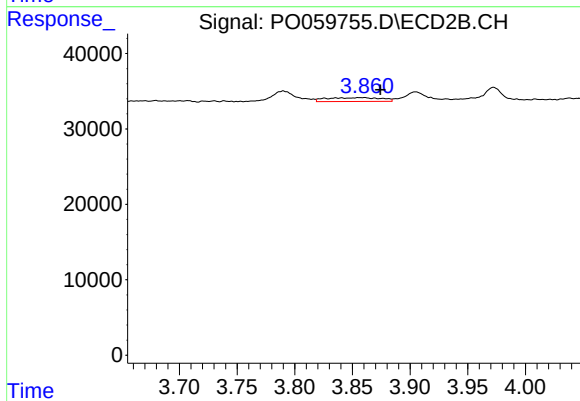
#9 AR-1221-2

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 23959
Conc: 78.65 ng/ml



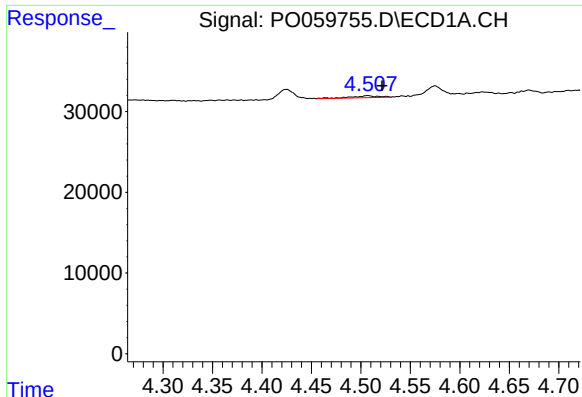
#10 AR-1221-3

R.T.: 4.507 min
Delta R.T.: -0.015 min
Response: 4589
Conc: 4.36 ng/ml



#10 AR-1221-3

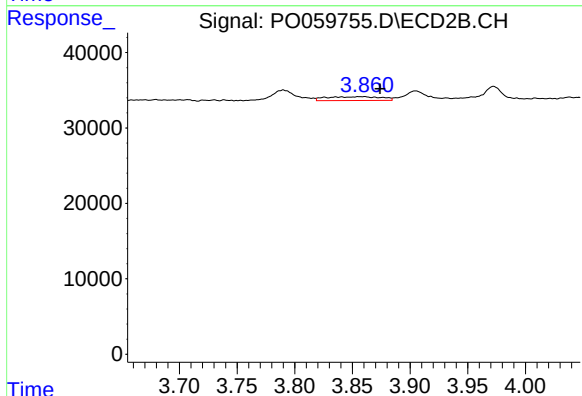
R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 16829
Conc: 17.20 ng/ml



#11 AR-1232-1

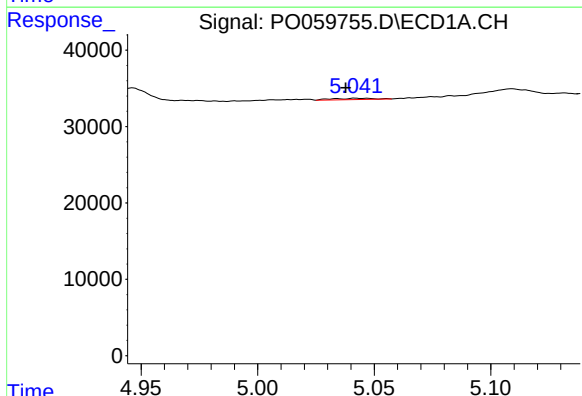
R.T.: 4.507 min
Delta R.T.: -0.015 min
Response: 4589
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



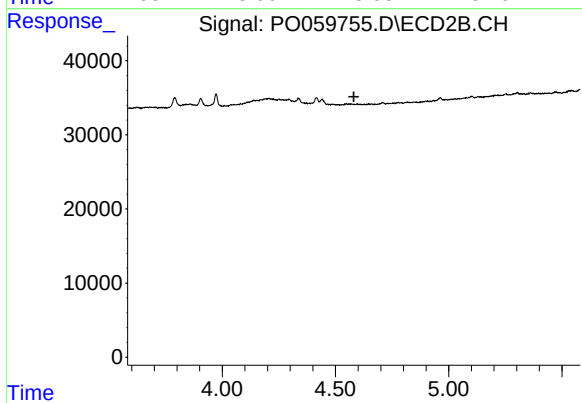
#11 AR-1232-1

R.T.: 3.858 min
Delta R.T.: -0.016 min
Response: 16829
Conc: 14.76 ng/ml



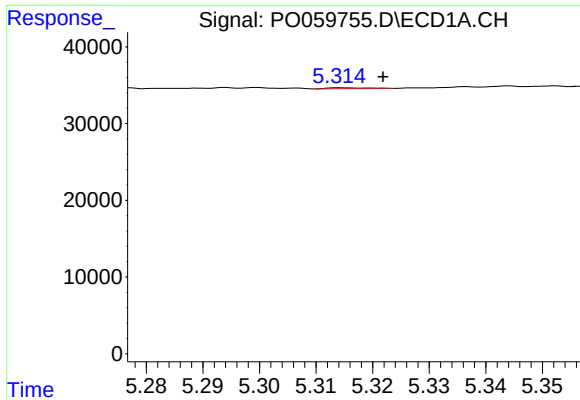
#12 AR-1232-2

R.T.: 5.042 min
Delta R.T.: 0.005 min
Response: 2056
Conc: 2.91 ng/ml



#12 AR-1232-2

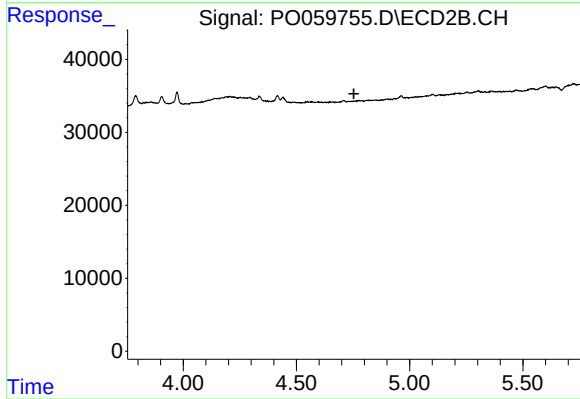
R.T.: 0.000 min
Exp R.T.: 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

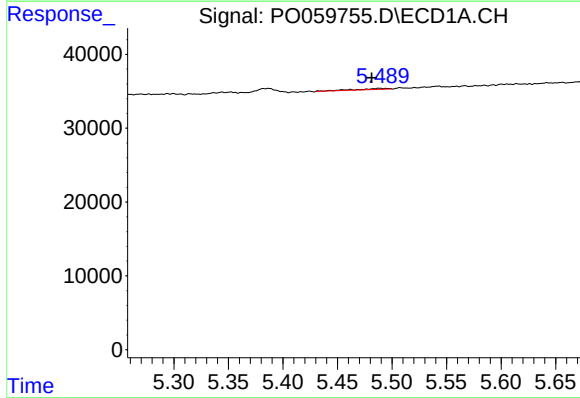
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 639
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



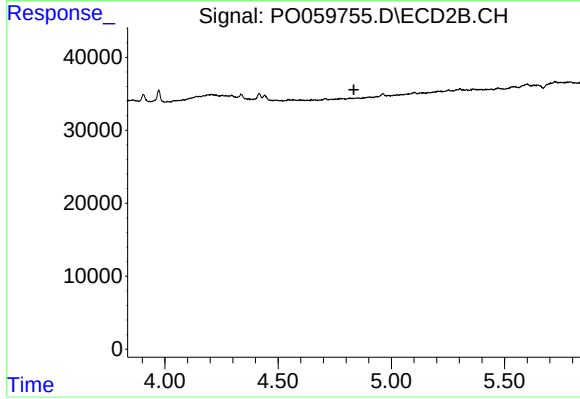
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



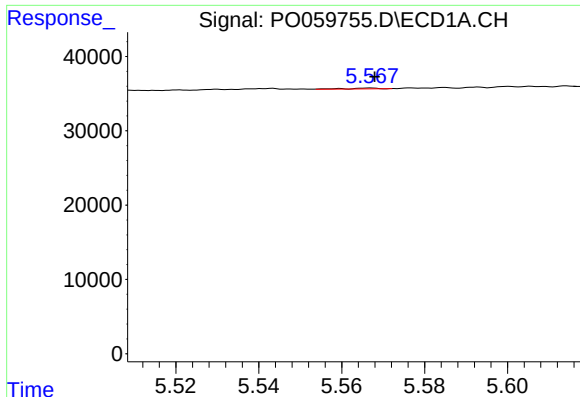
#14 AR-1232-4

R.T.: 5.489 min
Delta R.T.: 0.007 min
Response: 3019
Conc: 3.86 ng/ml



#14 AR-1232-4

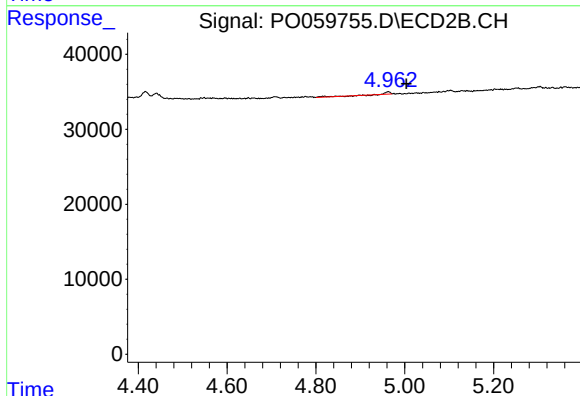
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

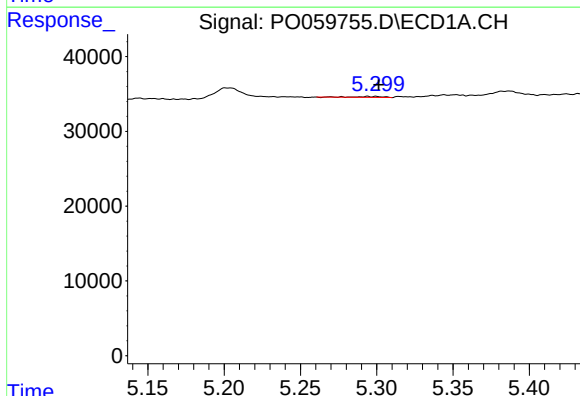
R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 607
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



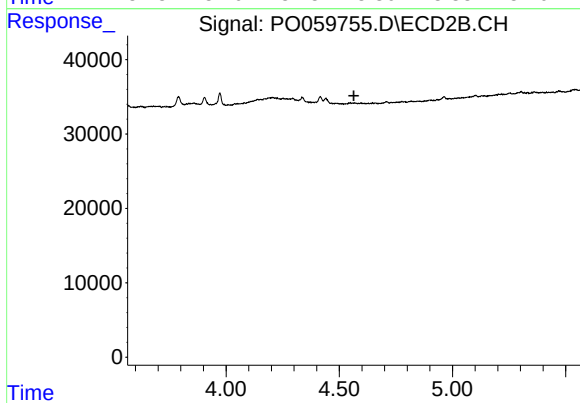
#15 AR-1232-5

R.T.: 4.963 min
Delta R.T.: -0.041 min
Response: 2702
Conc: 3.97 ng/ml



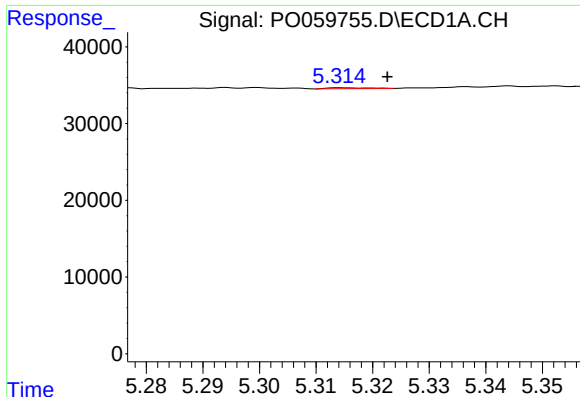
#16 AR-1242-1

R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 1554
Conc: 1.22 ng/ml



#16 AR-1242-1

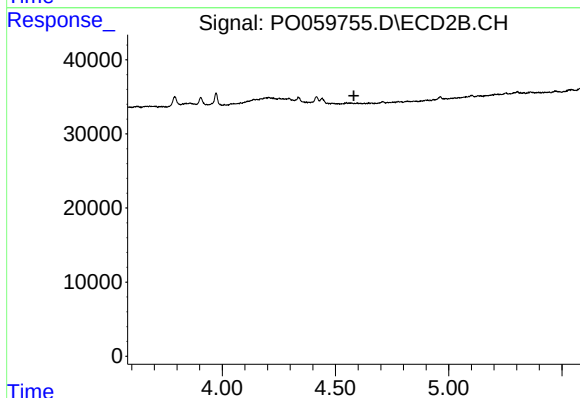
R.T.: 0.000 min
Exp R.T.: 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

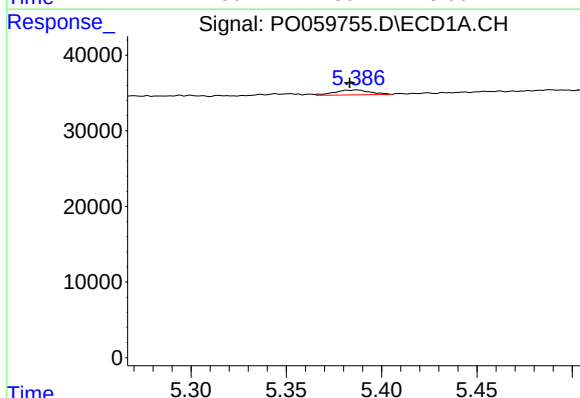
R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 639
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



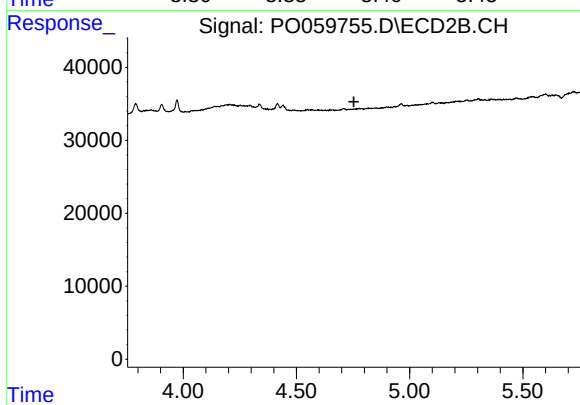
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



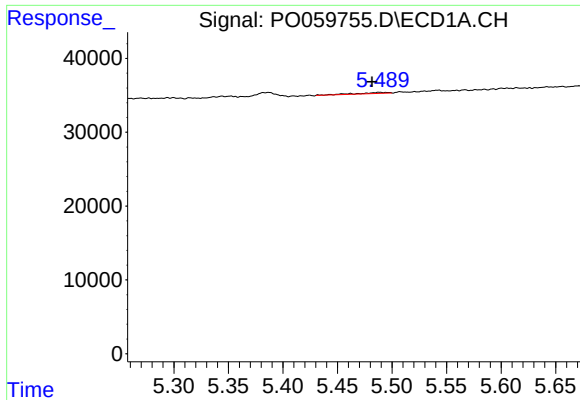
#18 AR-1242-3

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 8484
Conc: 7.26 ng/ml



#18 AR-1242-3

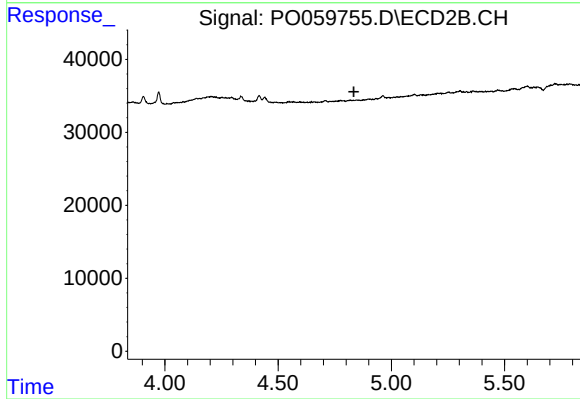
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

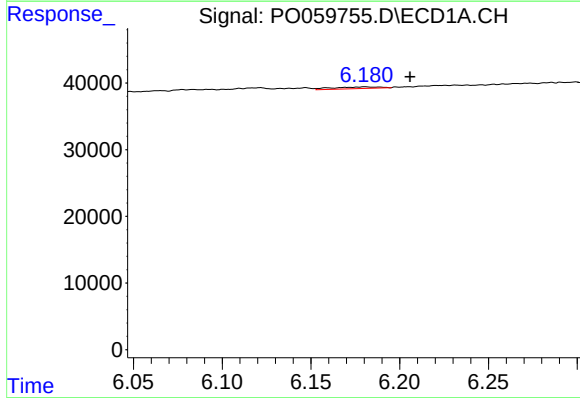
R.T.: 5.489 min
Delta R.T.: 0.007 min
Response: 3019
Conc: 3.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



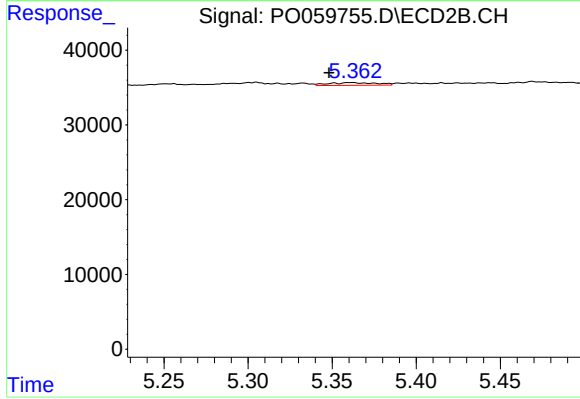
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



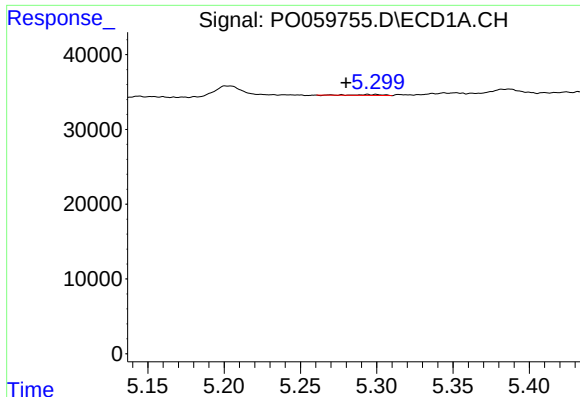
#20 AR-1242-5

R.T.: 6.181 min
Delta R.T.: -0.025 min
Response: 4697
Conc: 3.74 ng/ml



#20 AR-1242-5

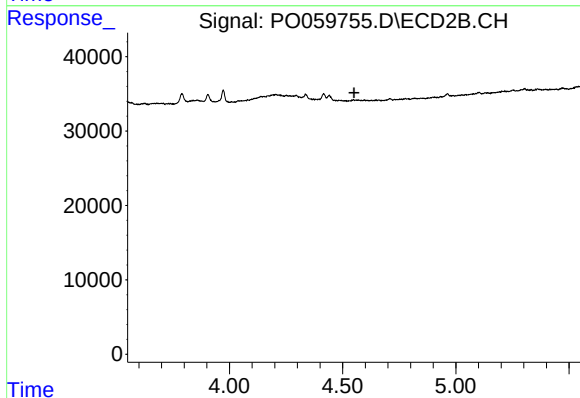
R.T.: 5.361 min
Delta R.T.: 0.013 min
Response: 7365
Conc: 6.58 ng/ml



#21 AR-1248-1

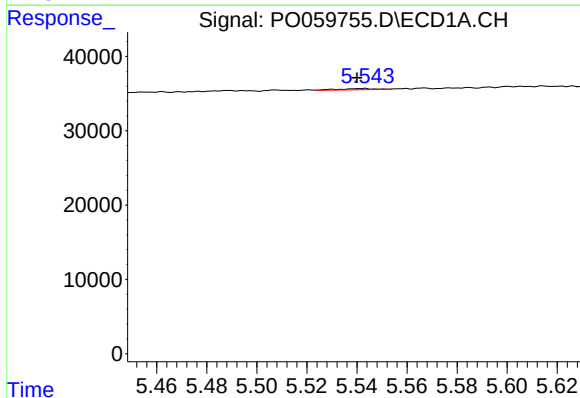
R.T.: 5.294 min
Delta R.T.: 0.014 min
Response: 1554
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



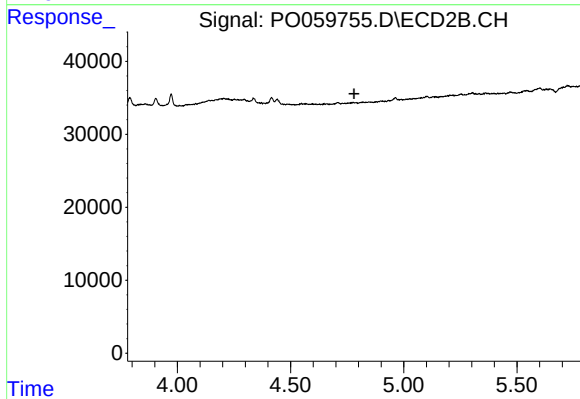
#21 AR-1248-1

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



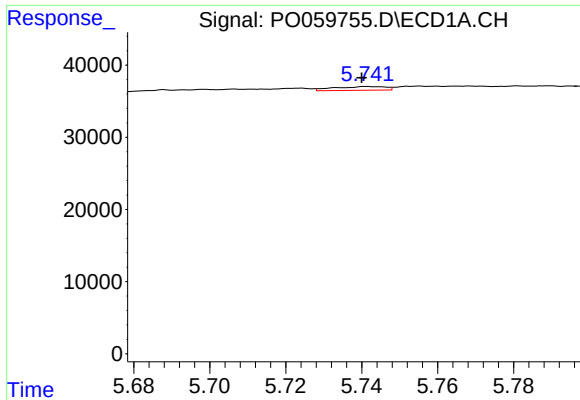
#22 AR-1248-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 1688
Conc: 1.16 ng/ml



#22 AR-1248-2

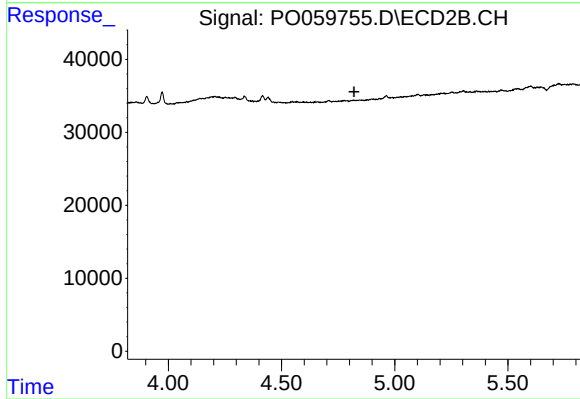
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

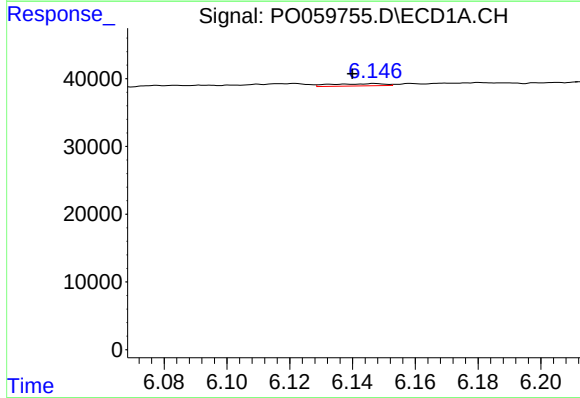
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 4812
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



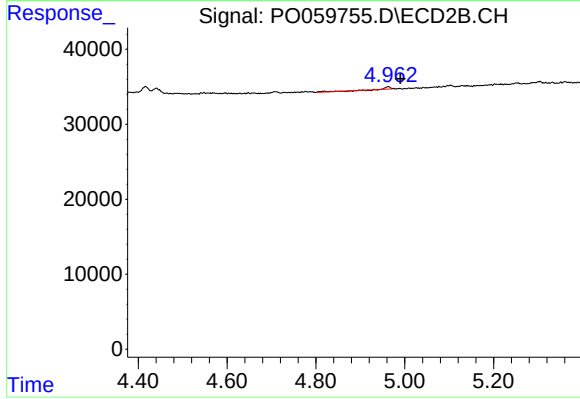
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



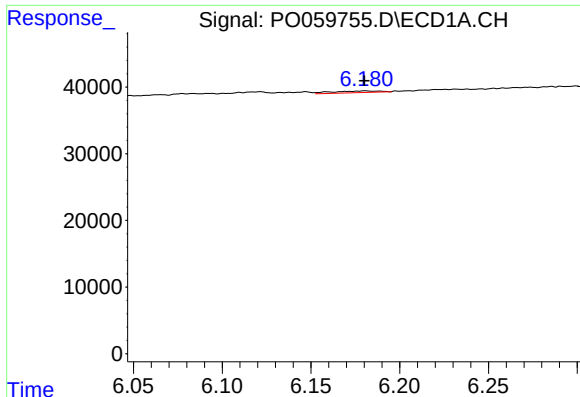
#24 AR-1248-4

R.T.: 6.147 min
Delta R.T.: 0.007 min
Response: 4111
Conc: 2.01 ng/ml



#24 AR-1248-4

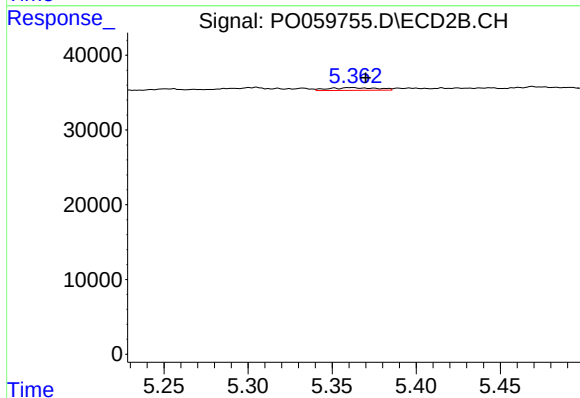
R.T.: 4.963 min
Delta R.T.: -0.027 min
Response: 2702
Conc: 1.86 ng/ml



#25 AR-1248-5

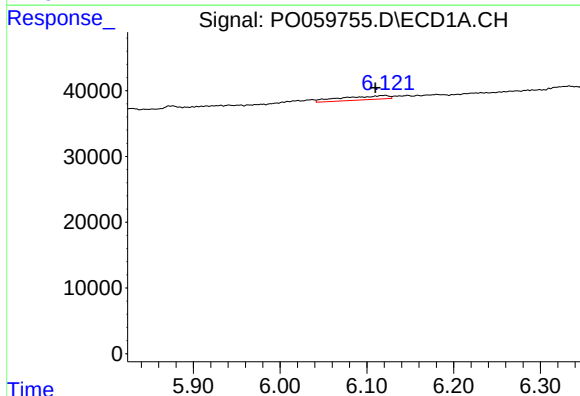
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4697
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



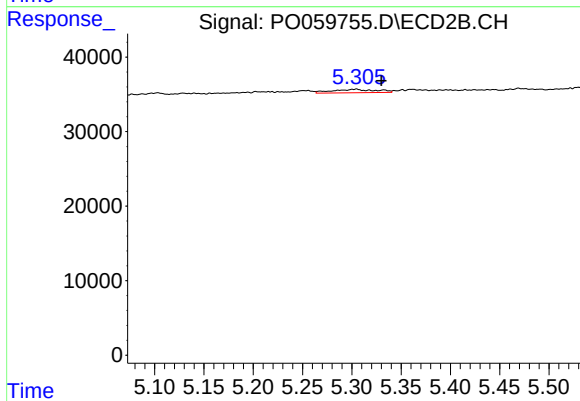
#25 AR-1248-5

R.T.: 5.361 min
Delta R.T.: -0.009 min
Response: 7365
Conc: 5.15 ng/ml



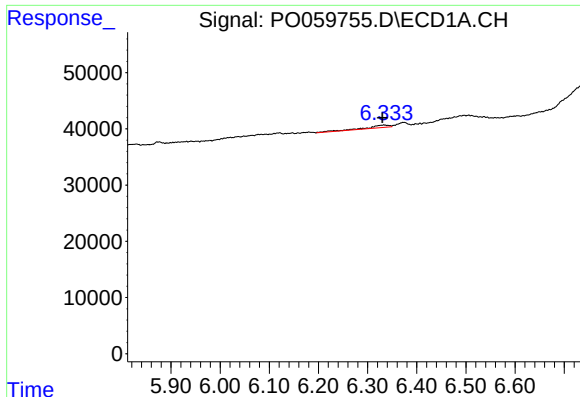
#26 AR-1254-1

R.T.: 6.121 min
Delta R.T.: 0.011 min
Response: 22703
Conc: 10.88 ng/ml



#26 AR-1254-1

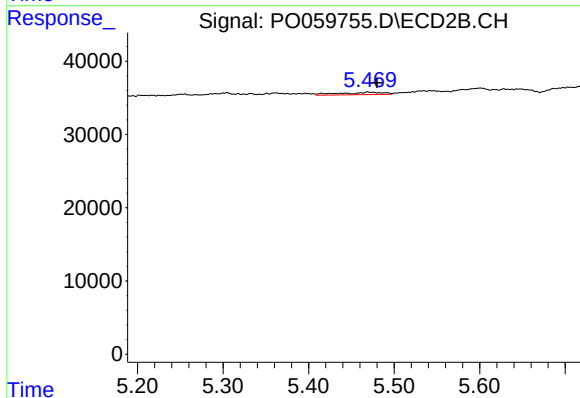
R.T.: 5.304 min
Delta R.T.: -0.026 min
Response: 14243
Conc: 6.01 ng/ml



#27 AR-1254-2

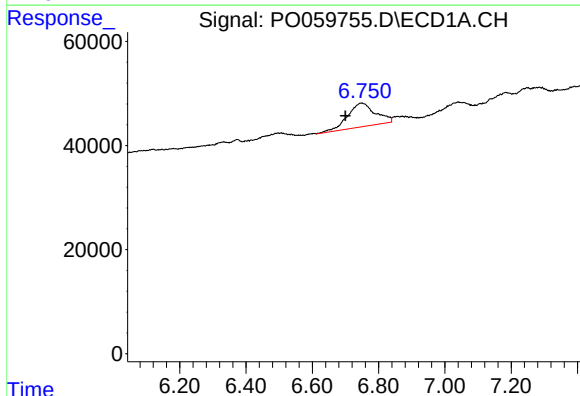
R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 15469
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



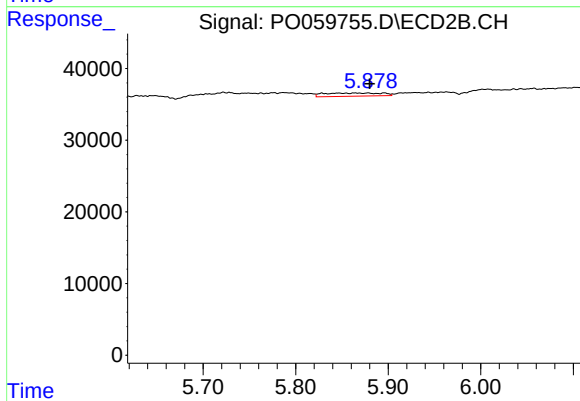
#27 AR-1254-2

R.T.: 5.471 min
Delta R.T.: -0.009 min
Response: 11730
Conc: 5.59 ng/ml



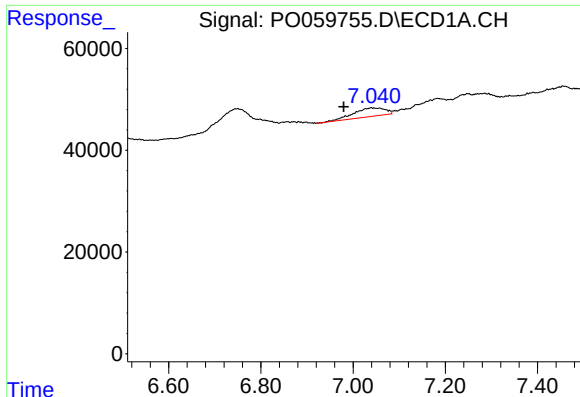
#28 AR-1254-3

R.T.: 6.750 min
Delta R.T.: 0.050 min
Response: 267023
Conc: 75.25 ng/ml



#28 AR-1254-3

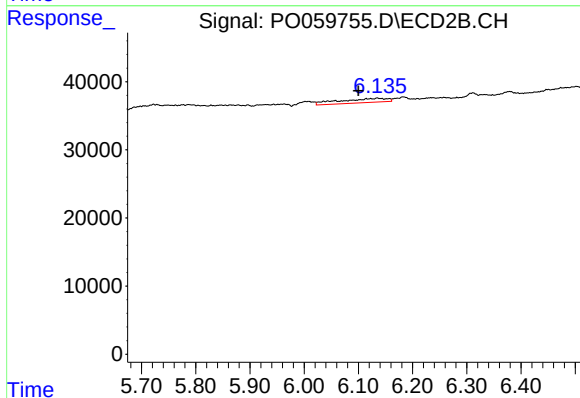
R.T.: 5.878 min
Delta R.T.: -0.002 min
Response: 18924
Conc: 5.63 ng/ml



#29 AR-1254-4

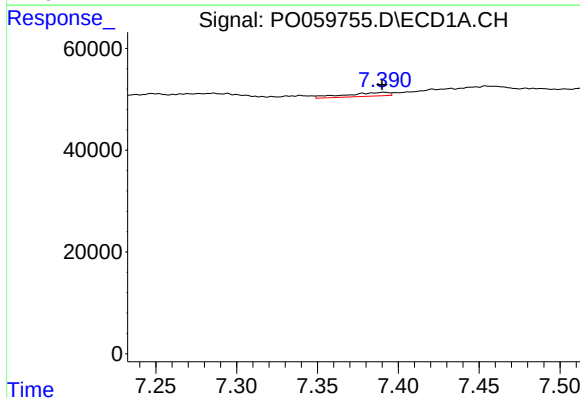
R.T.: 7.039 min
Delta R.T.: 0.059 min
Response: 79212
Conc: 26.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



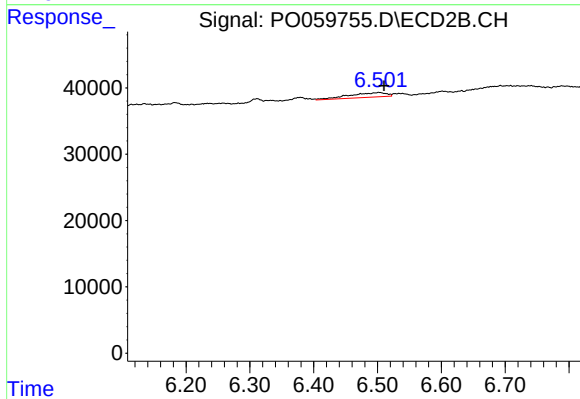
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.035 min
Response: 38243
Conc: 18.55 ng/ml



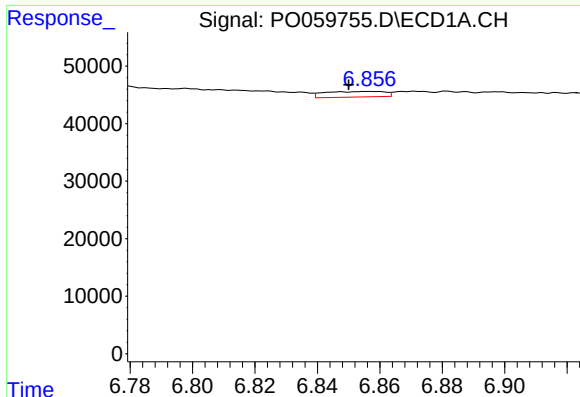
#30 AR-1254-5

R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 13648
Conc: 4.41 ng/ml



#30 AR-1254-5

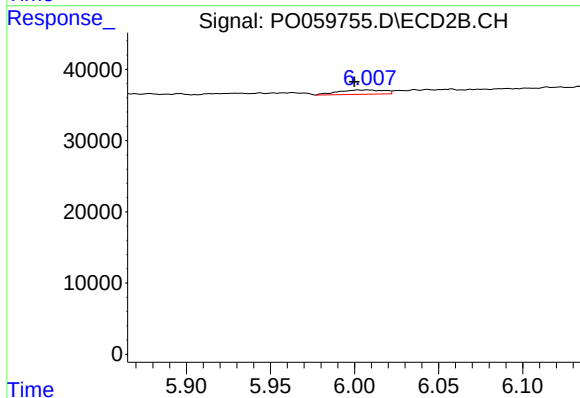
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 27908
Conc: 8.99 ng/ml



#31 AR-1260-1

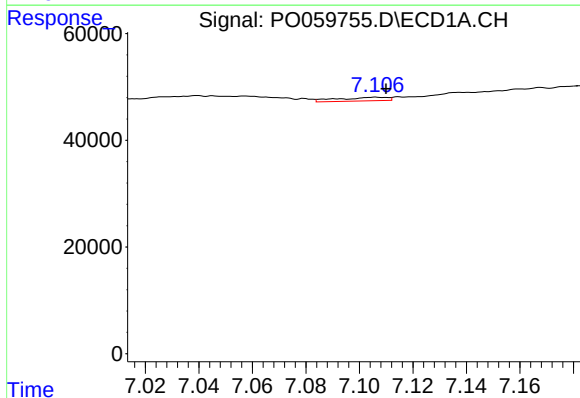
R.T.: 6.857 min
Delta R.T.: 0.007 min
Response: 13126
Conc: 4.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



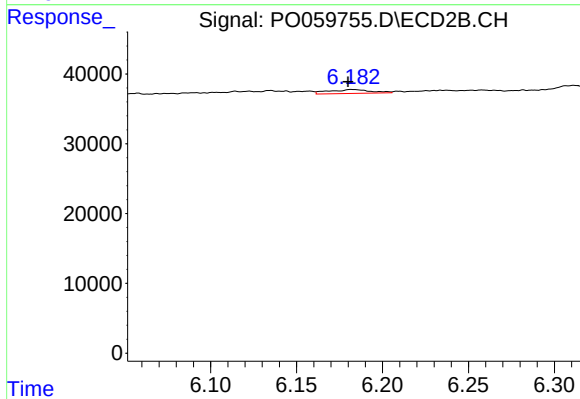
#31 AR-1260-1

R.T.: 6.006 min
Delta R.T.: 0.006 min
Response: 11642
Conc: 5.11 ng/ml



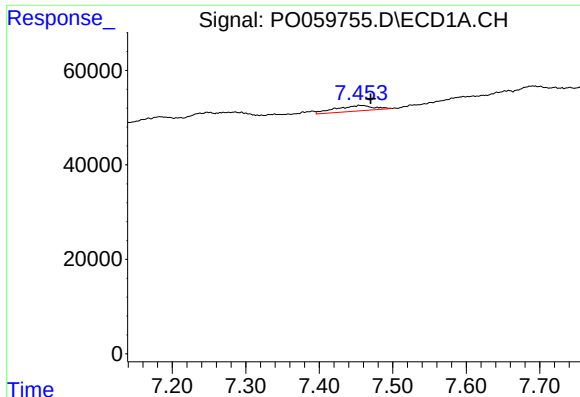
#32 AR-1260-2

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 8872
Conc: 2.39 ng/ml



#32 AR-1260-2

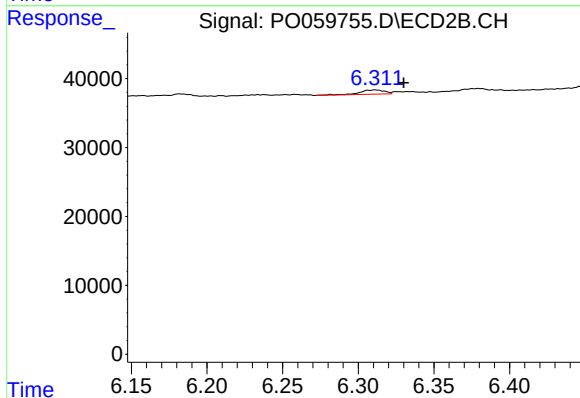
R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 9644
Conc: 3.29 ng/ml



#33 AR-1260-3

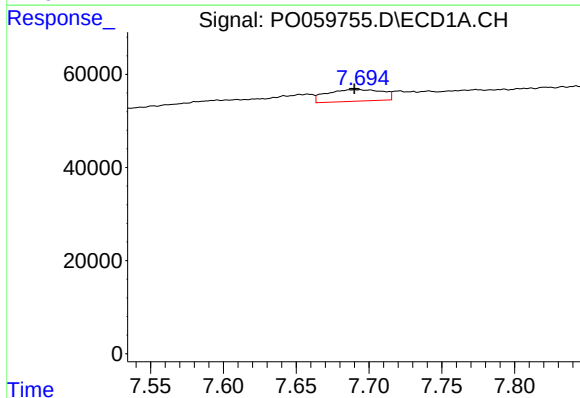
R.T.: 7.454 min
Delta R.T.: -0.016 min
Response: 42495
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



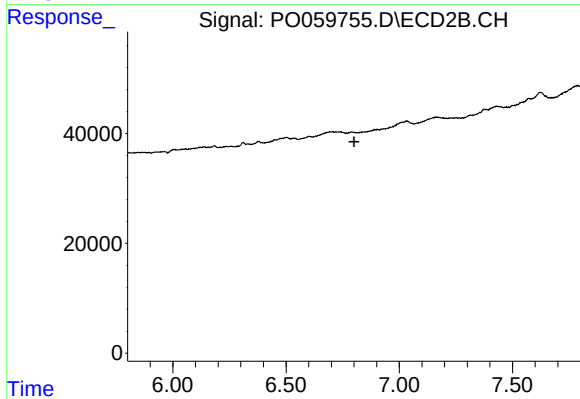
#33 AR-1260-3

R.T.: 6.311 min
Delta R.T.: -0.019 min
Response: 7072
Conc: 2.67 ng/ml



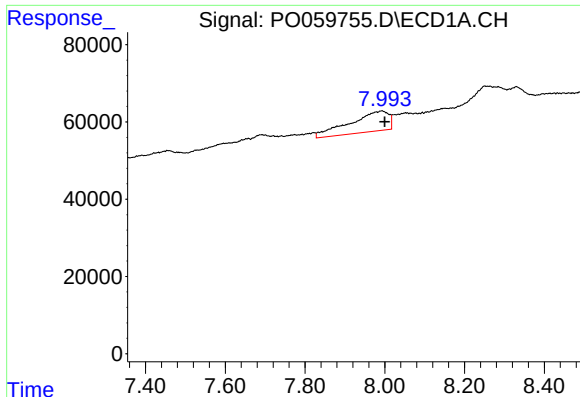
#34 AR-1260-4

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 66130
Conc: 21.53 ng/ml



#34 AR-1260-4

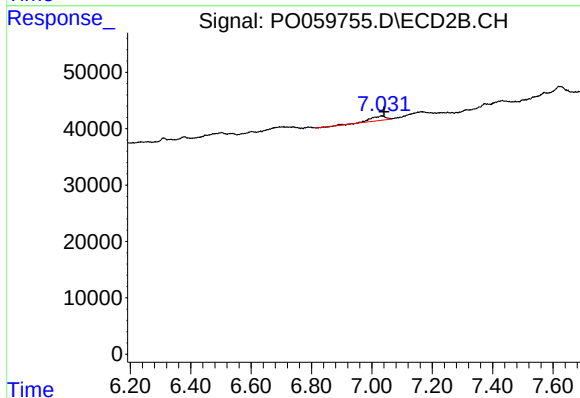
R.T.: 0.000 min
Exp R.T.: 6.800 min
Response: 0
Conc: N.D.



#35 AR-1260-5

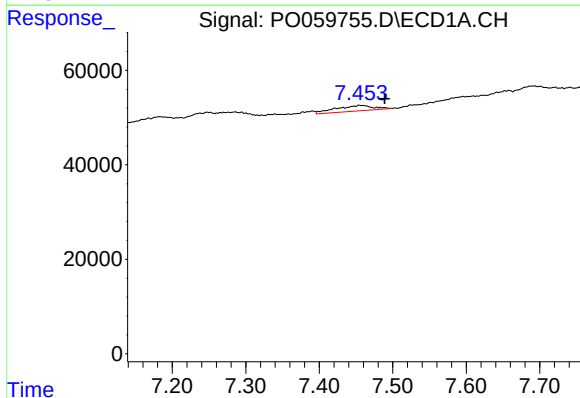
R.T.: 7.993 min
Delta R.T.: -0.007 min
Response: 356475
Conc: 50.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



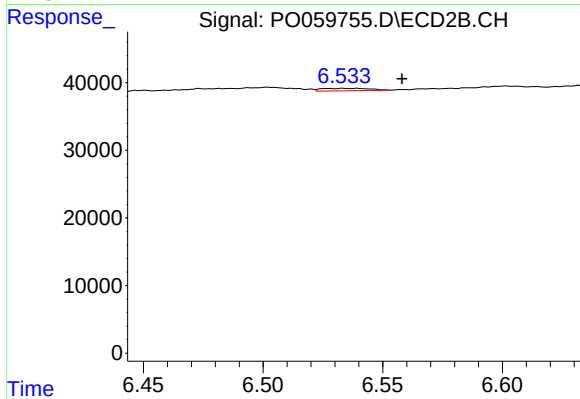
#35 AR-1260-5

R.T.: 7.032 min
Delta R.T.: -0.008 min
Response: 28283
Conc: 5.14 ng/ml



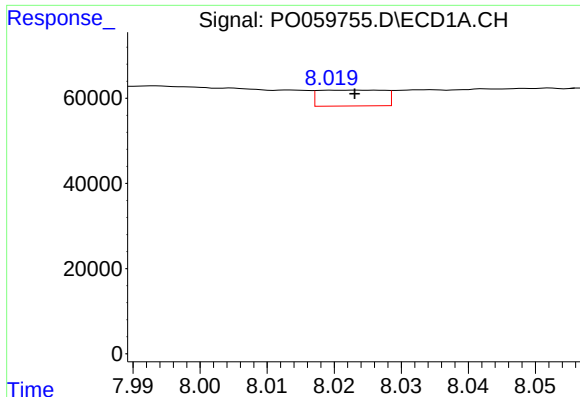
#36 AR-1262-1

R.T.: 7.454 min
Delta R.T.: -0.034 min
Response: 42495
Conc: 8.76 ng/ml



#36 AR-1262-1

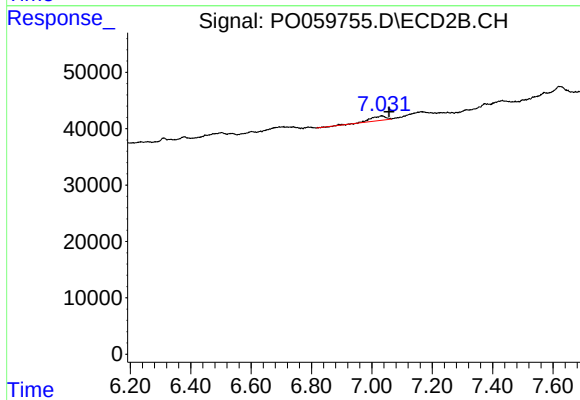
R.T.: 6.535 min
Delta R.T.: -0.023 min
Response: 4964
Conc: 1.33 ng/ml



#37 AR-1262-2

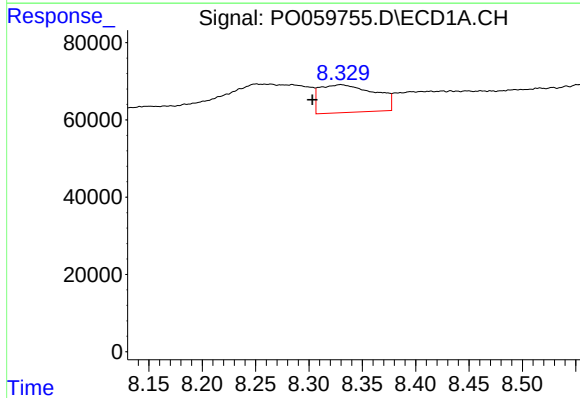
R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 25276
Conc: 3.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



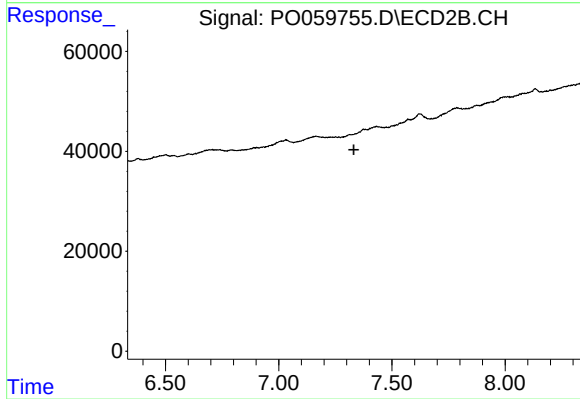
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.025 min
Response: 28283
Conc: 4.81 ng/ml



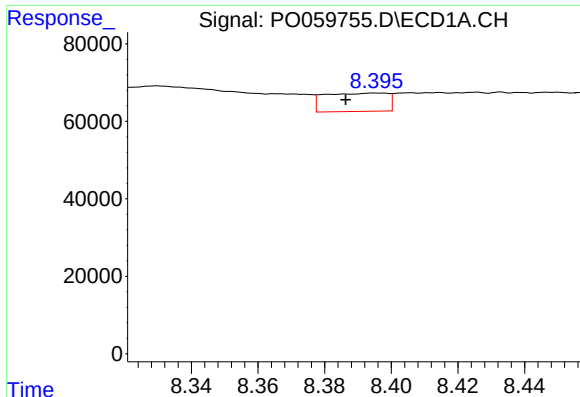
#38 AR-1262-3

R.T.: 8.330 min
Delta R.T.: 0.027 min
Response: 259064
Conc: 50.77 ng/ml



#38 AR-1262-3

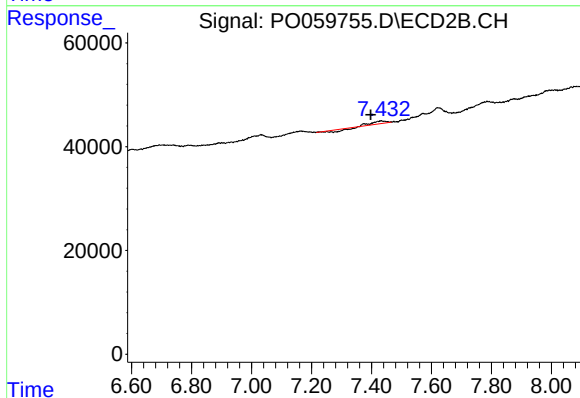
R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.



#39 AR-1262-4

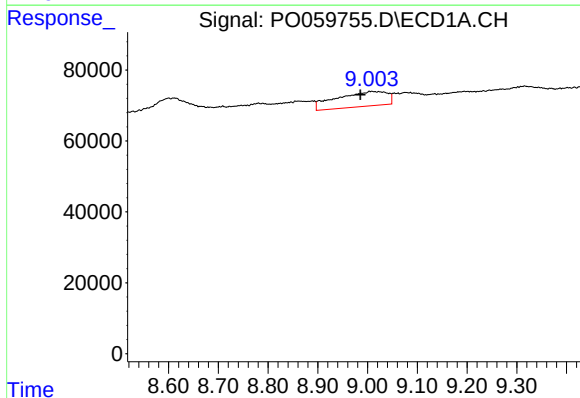
R.T.: 8.396 min
Delta R.T.: 0.009 min
Response: 62243
Conc: 16.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



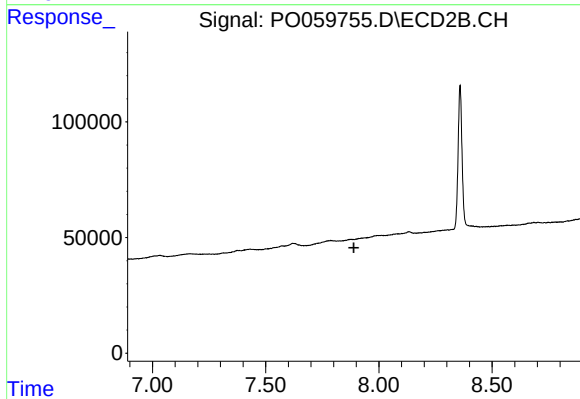
#39 AR-1262-4

R.T.: 7.432 min
Delta R.T.: 0.034 min
Response: 3083
Conc: 0.70 ng/ml



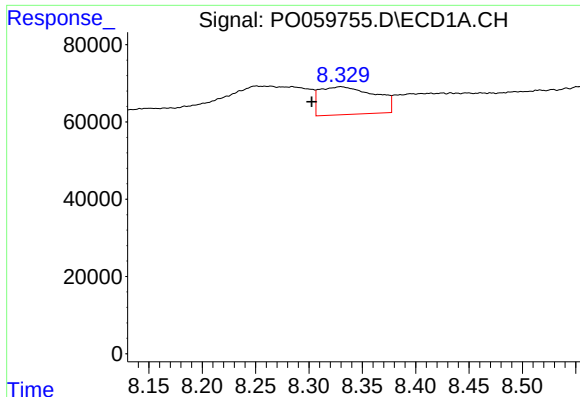
#40 AR-1262-5

R.T.: 9.004 min
Delta R.T.: 0.018 min
Response: 300224
Conc: 116.98 ng/ml



#40 AR-1262-5

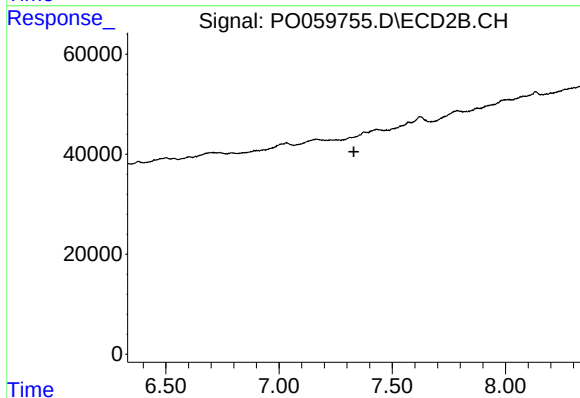
R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

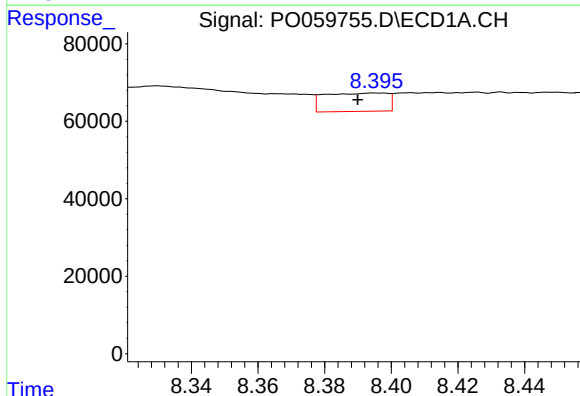
R.T.: 8.330 min
Delta R.T.: 0.027 min
Response: 259064
Conc: 27.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



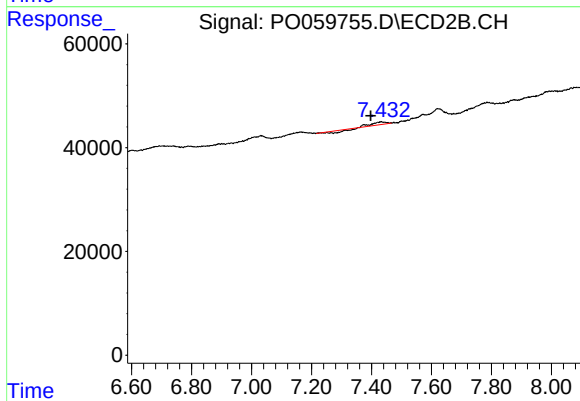
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.330 min
Response: 0
Conc: N.D.



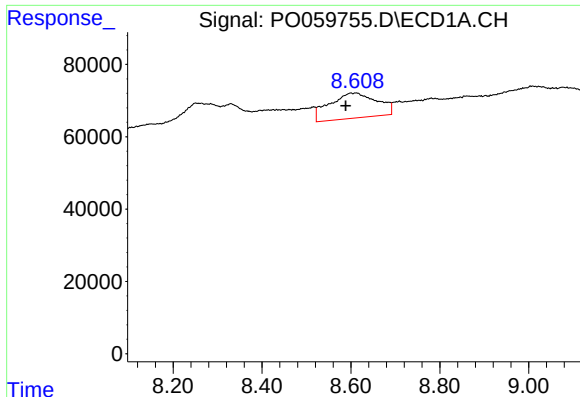
#42 AR-1268-2

R.T.: 8.396 min
Delta R.T.: 0.006 min
Response: 62243
Conc: 7.90 ng/ml



#42 AR-1268-2

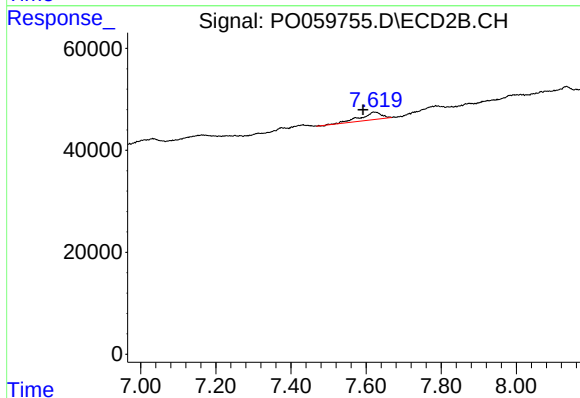
R.T.: 7.432 min
Delta R.T.: 0.034 min
Response: 3083
Conc: 0.48 ng/ml



#43 AR-1268-3

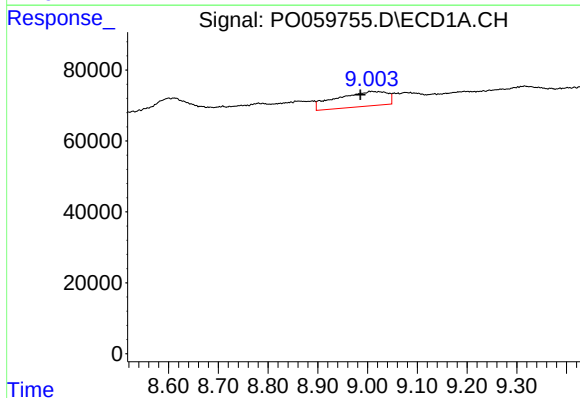
R.T.: 8.600 min
Delta R.T.: 0.011 min
Response: 516597
Conc: 73.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



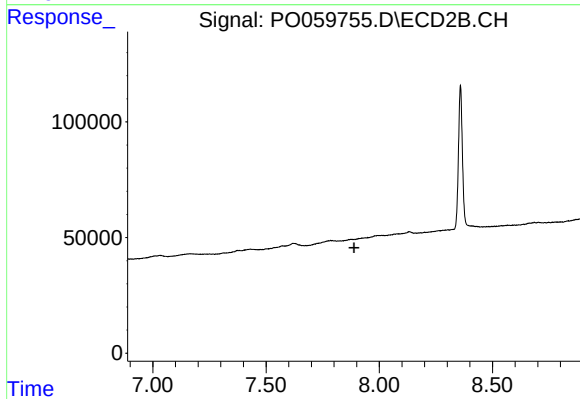
#43 AR-1268-3

R.T.: 7.621 min
Delta R.T.: 0.029 min
Response: 56409
Conc: 10.31 ng/ml



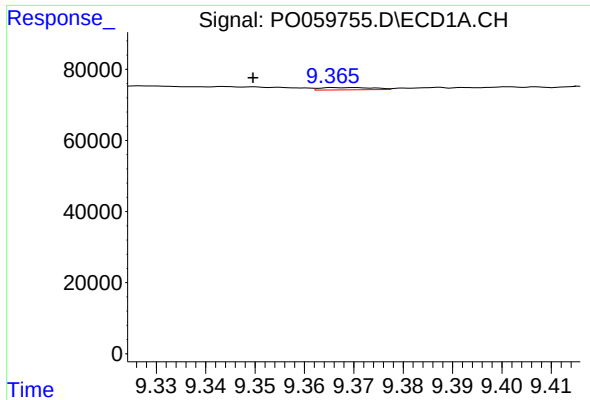
#44 AR-1268-4

R.T.: 9.004 min
Delta R.T.: 0.019 min
Response: 300224
Conc: 107.99 ng/ml



#44 AR-1268-4

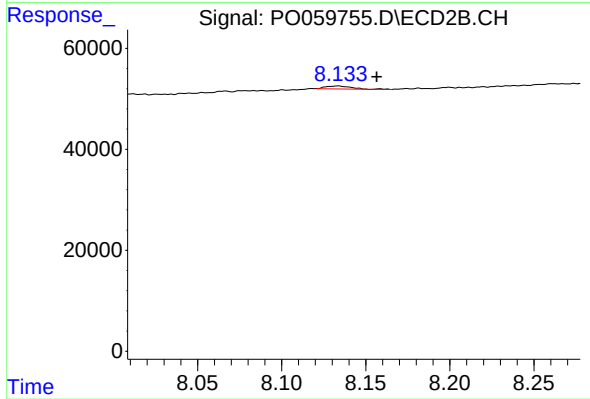
R.T.: 0.000 min
Exp R.T.: 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.368 min
Delta R.T.: 0.018 min
Response: 4859
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.133 min
Delta R.T.: -0.024 min
Response: 6012
Conc: 0.41 ng/ml