

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100719\
 Data File : PO061741.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Oct 2019 14:43
 Operator : HP/AJ
 Sample : K5213-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S-1(5-10)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 15:01:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.358	3.519	990289	778303	24.145	24.067
2)	SA Decachlor...	10.018	8.381	683347	456609	14.673	14.103
Target Compounds							
3)	L1 AR-1016-1	5.524	0.000	2653	0	1.446	N.D. #
4)	L1 AR-1016-2	5.538	0.000	3908	0	1.512	N.D. #
5)	L1 AR-1016-3	5.592	0.000	2042	0	1.271	N.D. #
6)	L1 AR-1016-4	5.708	0.000	854	0	0.638	N.D. #
7)	L1 AR-1016-5	5.995	5.035	4459	5051	3.252	4.425 #
8)	L2 AR-1221-1	4.596	0.000	662	0	1.431	N.D. #
9)	L2 AR-1221-2	4.661	3.806	12397	13157	34.531	42.662
10)	L2 AR-1221-3	4.724	0.000	1007	0	0.884	N.D. #
11)	L3 AR-1232-1	4.724	0.000	1007	0	0.720	N.D. #
12)	L3 AR-1232-2	5.258	0.000	2386	0	3.041	N.D. #
13)	L3 AR-1232-3	5.538	0.000	3908	0	2.287	N.D. #
14)	L3 AR-1232-4	5.708	0.000	854	0	0.965	N.D. #
15)	L3 AR-1232-5	5.793	5.035	2402	5051	3.465	7.361 #
16)	L4 AR-1242-1	5.524	0.000	2653	0	1.868	N.D. #
17)	L4 AR-1242-2	5.538	0.000	3908	0	1.944	N.D. #
18)	L4 AR-1242-3	5.592	0.000	2042	0	1.618	N.D. #
19)	L4 AR-1242-4	5.708	0.000	854	0	0.812	N.D. #
20)	L4 AR-1242-5	6.454	5.349	11728	4404	8.768	4.111 #
21)	L5 AR-1248-1	5.524	0.000	2653	0	2.258	N.D. #
22)	L5 AR-1248-2	5.793	0.000	2402	0	1.424	N.D. #
23)	L5 AR-1248-3	5.995	0.000	4459	0	2.386	N.D. #
24)	L5 AR-1248-4	6.405	5.035	5064	5051	2.143	3.360 #
25)	L5 AR-1248-5	6.454	5.349	11728	4404	5.172	2.870 #
26)	L6 AR-1254-1	6.370	5.349	13351	4404	5.852	2.008 #
27)	L6 AR-1254-2	6.587	5.491	58346	3322	16.149	1.694 #
28)	L6 AR-1254-3	6.956	5.885	31533	1613	8.070	0.507 #
29)	L6 AR-1254-4	7.237	0.000	19181	0	6.333	N.D. #
30)	L6 AR-1254-5	7.654	6.514	304035	21815	96.814	7.713 #
31)	L7 AR-1260-1	7.114	6.009	71681	10619	27.458	5.206 #
32)	L7 AR-1260-2	7.366	6.207	134844	29451	42.297	12.262 #
33)	L7 AR-1260-3	7.777	6.346	45092	15833	18.774	7.027 #
34)	L7 AR-1260-4	7.958	6.810	122982	7948	46.025	4.305 #
35)	L7 AR-1260-5	8.268	7.045	108263	12126	21.880	3.114 #
36)	L8 AR-1262-1	7.777	6.612	45092	11142	11.769	9.128
37)	L8 AR-1262-2	8.268	7.045	108263	12126	17.439	2.637 #
38)	L8 AR-1262-3	8.572	7.330	26275	5026	6.322	2.668 #
39)	L8 AR-1262-4	8.670	7.388	120004	8006	38.014	2.382 #
40)	L8 AR-1262-5	9.303	7.895	37126	1084	18.256	0.715 #
41)	L9 AR-1268-1	8.572	7.330	26275	5026	3.907	1.041 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100719\
Data File : P0061741.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Oct 2019 14:43
Operator : HP/AJ
Sample : K5213-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

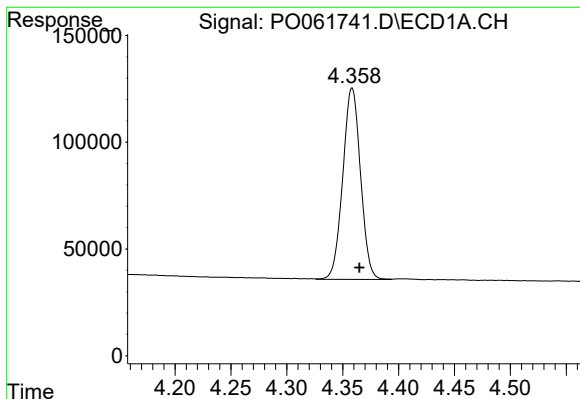
Instrument :
ECD_O
ClientSampleId :
S-1(5-10)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 15:01:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 01 15:34:04 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	8.670	7.388	120004	8006	19.379	1.858 #
43)	L9 AR-1268-3	8.884	7.601	26671	1744	5.217	0.487 #
44)	L9 AR-1268-4	9.314	7.895	6155	1084	2.815	0.674 #
45)	L9 AR-1268-5	9.686	8.147	2047	13372	0.136	1.330 #

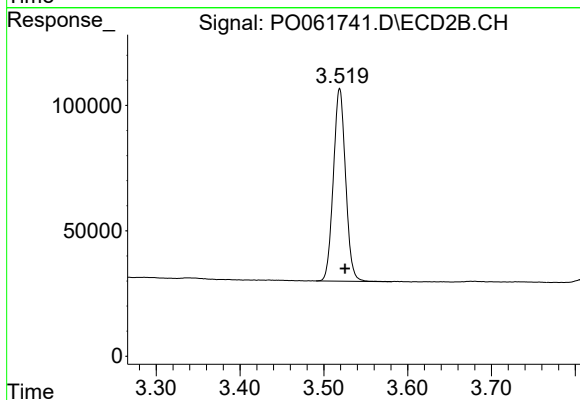
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

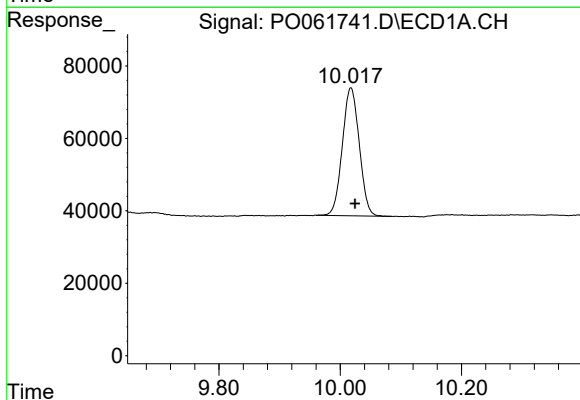
R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 990289
Conc: 24.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



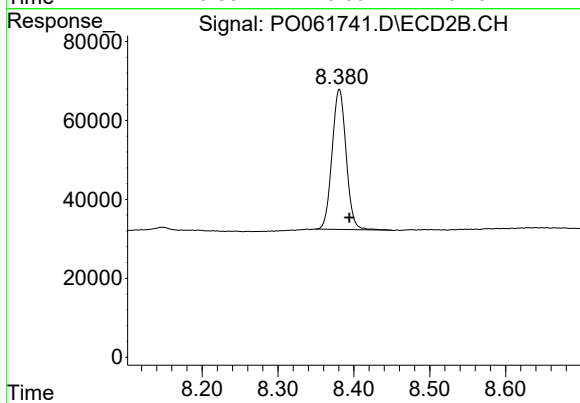
#1 Tetrachloro-m-xylene

R.T.: 3.519 min
Delta R.T.: -0.006 min
Response: 778303
Conc: 24.07 ng/ml



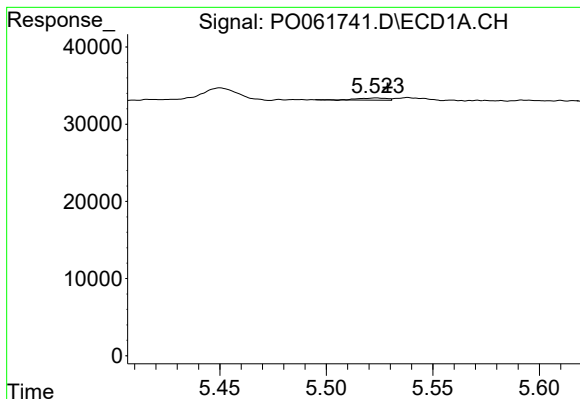
#2 Decachlorobiphenyl

R.T.: 10.018 min
Delta R.T.: -0.007 min
Response: 683347
Conc: 14.67 ng/ml



#2 Decachlorobiphenyl

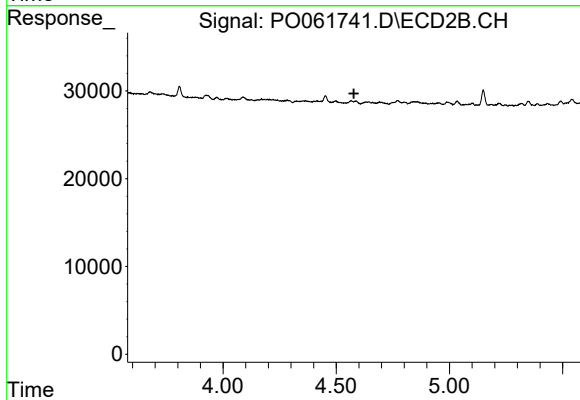
R.T.: 8.381 min
Delta R.T.: -0.013 min
Response: 456609
Conc: 14.10 ng/ml



#3 AR-1016-1

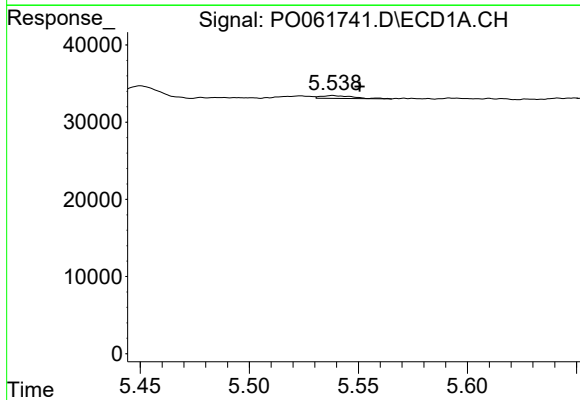
R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 2653
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



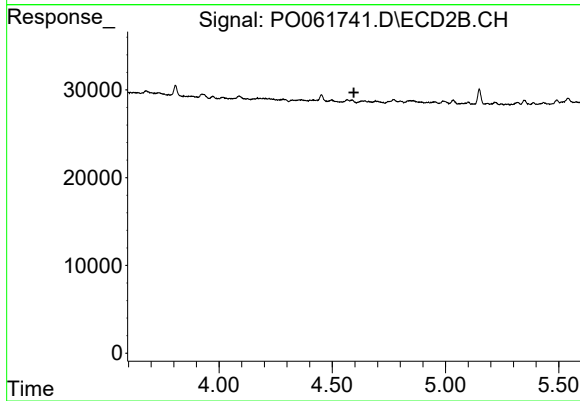
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



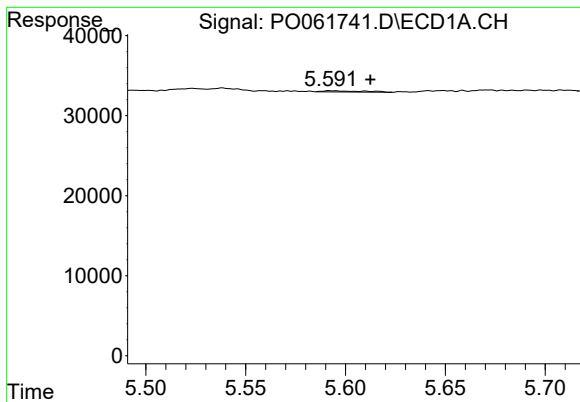
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 3908
Conc: 1.51 ng/ml



#4 AR-1016-2

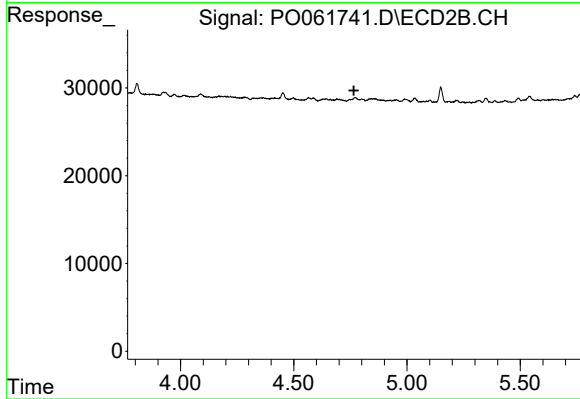
R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



#5 AR-1016-3

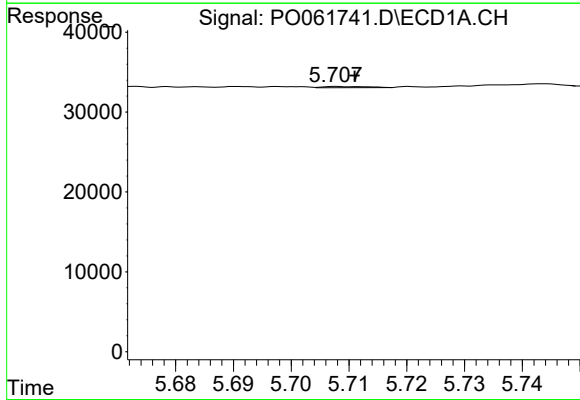
R.T.: 5.592 min
Delta R.T.: -0.020 min
Response: 2042
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



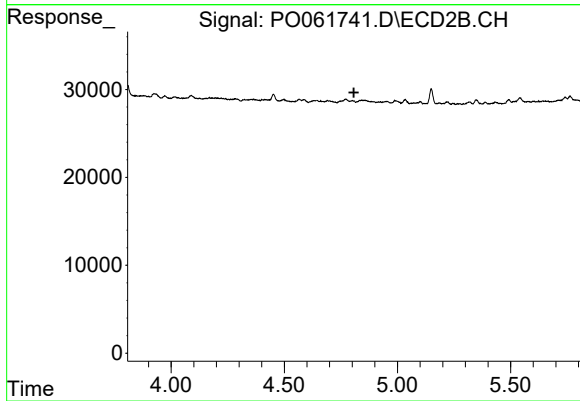
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



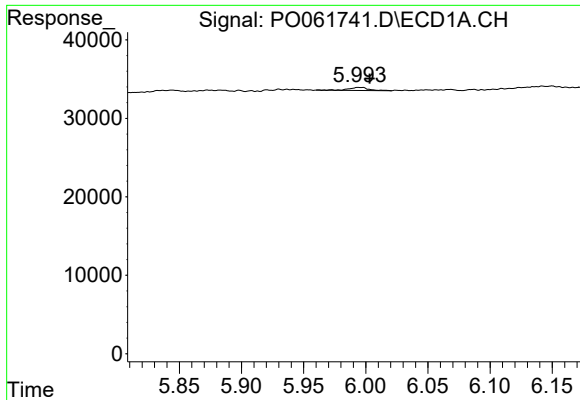
#6 AR-1016-4

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 854
Conc: 0.64 ng/ml



#6 AR-1016-4

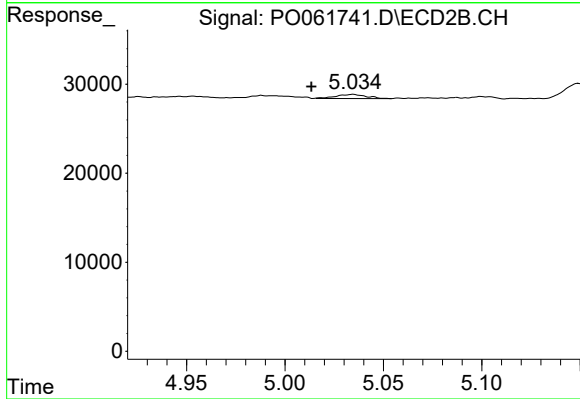
R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



#7 AR-1016-5

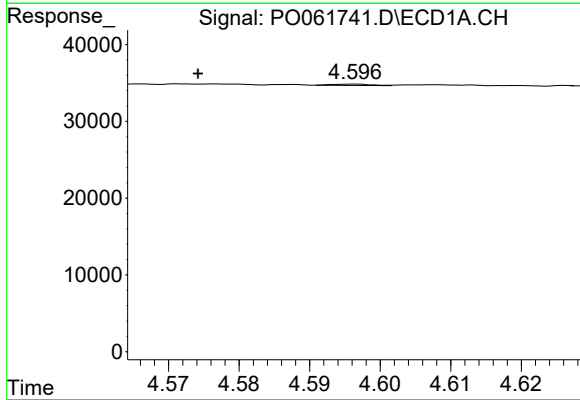
R.T.: 5.995 min
Delta R.T.: -0.009 min
Response: 4459
Conc: 3.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



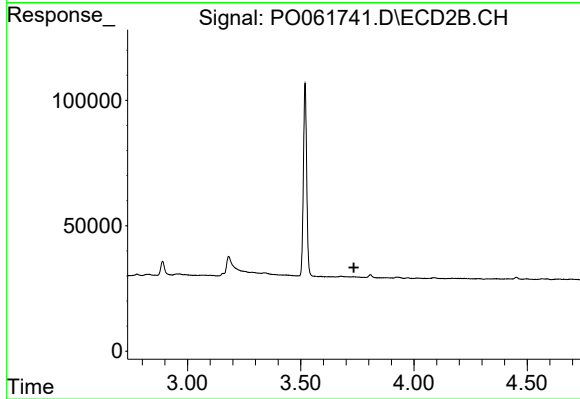
#7 AR-1016-5

R.T.: 5.035 min
Delta R.T.: 0.021 min
Response: 5051
Conc: 4.43 ng/ml



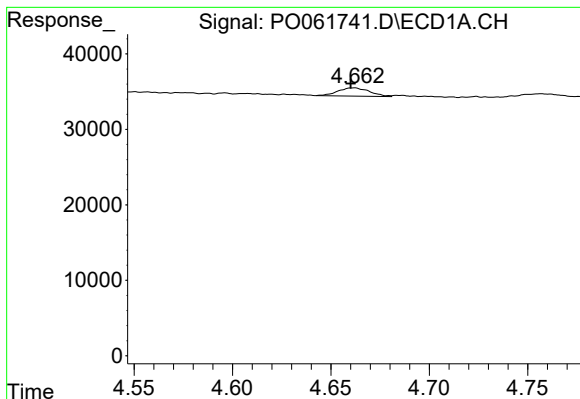
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: 0.022 min
Response: 662
Conc: 1.43 ng/ml



#8 AR-1221-1

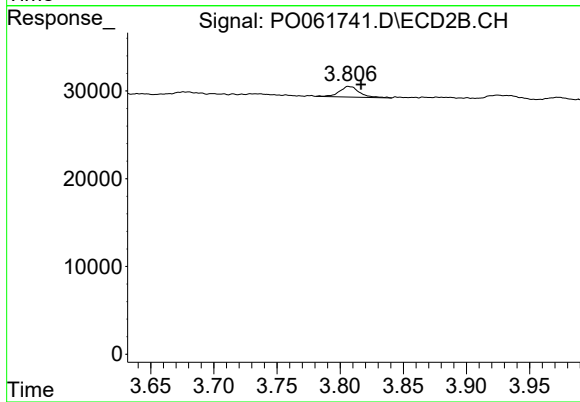
R.T.: 0.000 min
Exp R.T.: 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

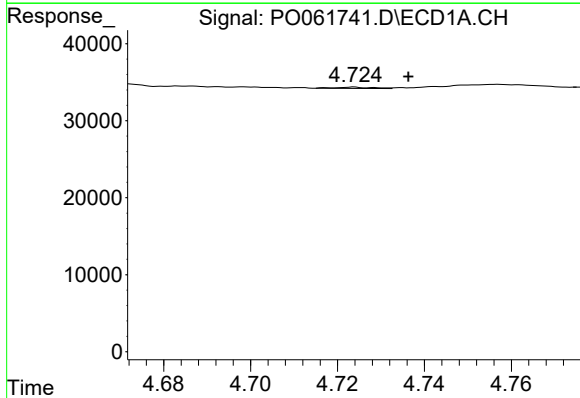
R.T.: 4.661 min
Delta R.T.: 0.001 min
Response: 12397
Conc: 34.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



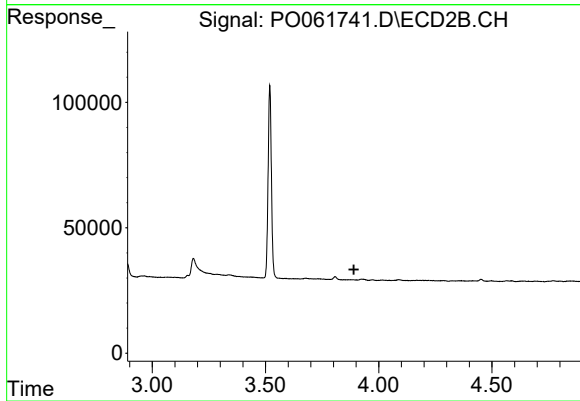
#9 AR-1221-2

R.T.: 3.806 min
Delta R.T.: -0.010 min
Response: 13157
Conc: 42.66 ng/ml



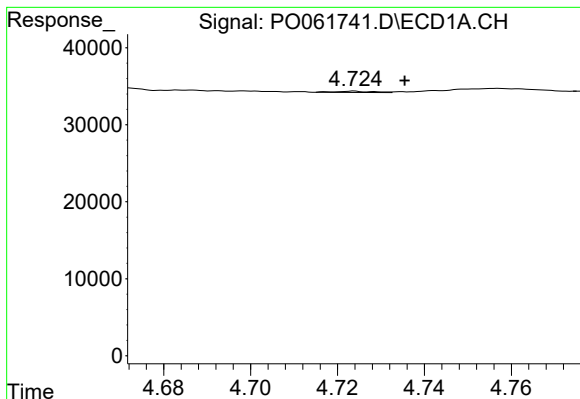
#10 AR-1221-3

R.T.: 4.724 min
Delta R.T.: -0.013 min
Response: 1007
Conc: 0.88 ng/ml



#10 AR-1221-3

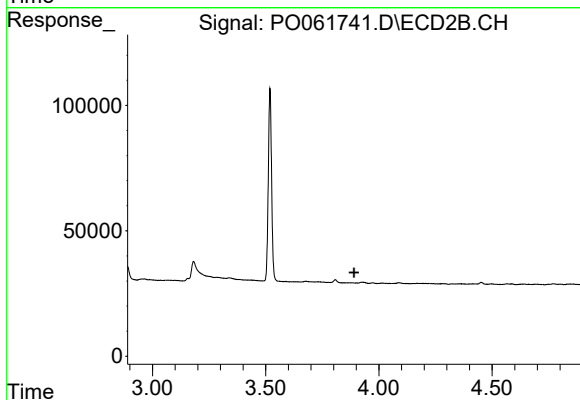
R.T.: 0.000 min
Exp R.T.: 3.891 min
Response: 0
Conc: N.D.



#11 AR-1232-1

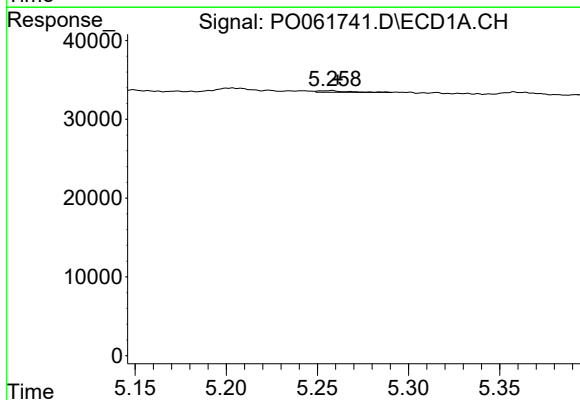
R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 1007
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



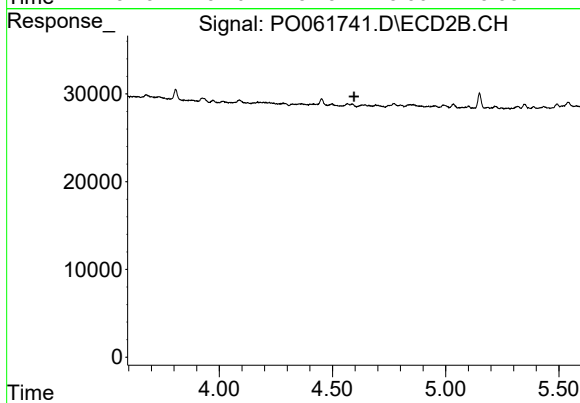
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.890 min
Response: 0
Conc: N.D.



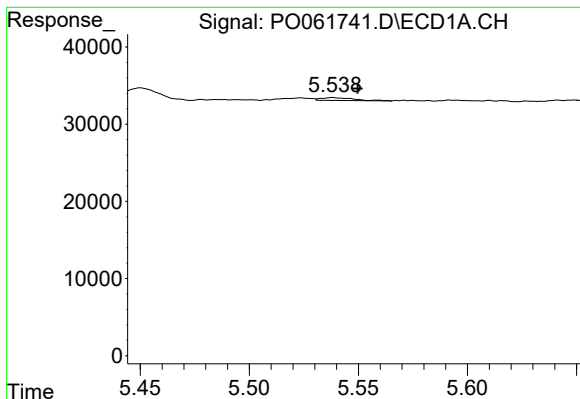
#12 AR-1232-2

R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 2386
Conc: 3.04 ng/ml



#12 AR-1232-2

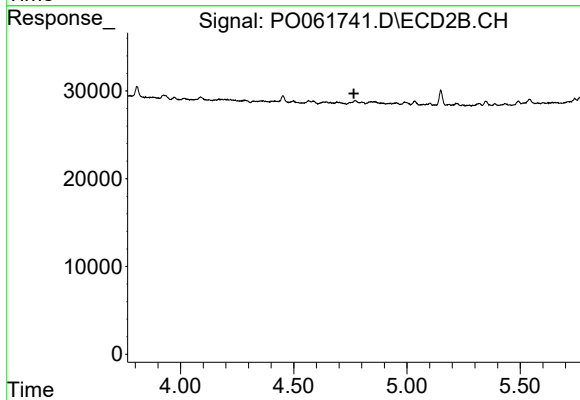
R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



#13 AR-1232-3

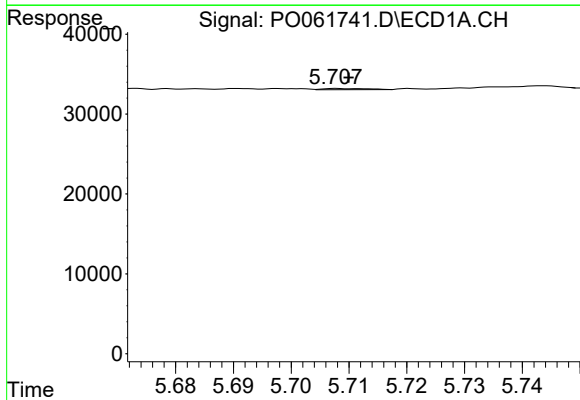
R.T.: 5.538 min
Delta R.T.: -0.011 min
Response: 3908
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



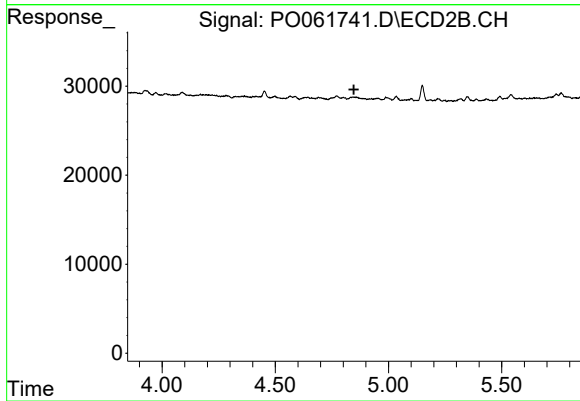
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



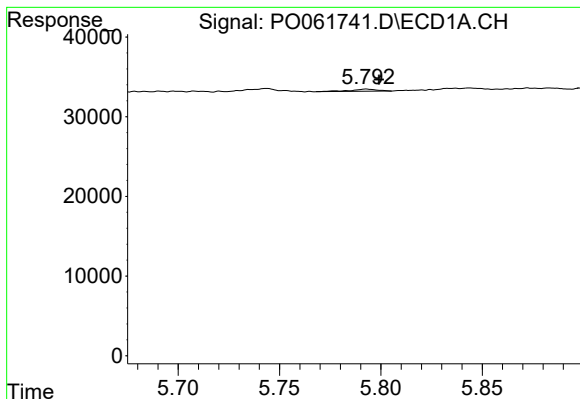
#14 AR-1232-4

R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 854
Conc: 0.96 ng/ml



#14 AR-1232-4

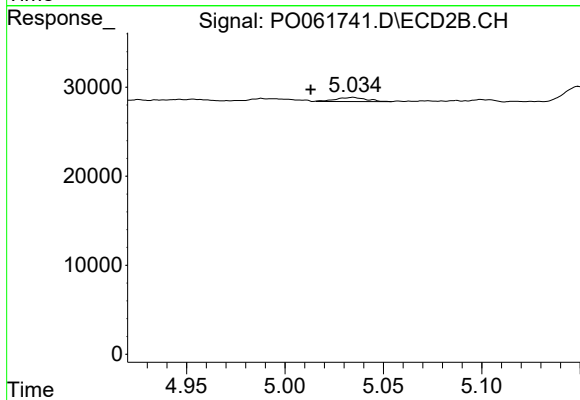
R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

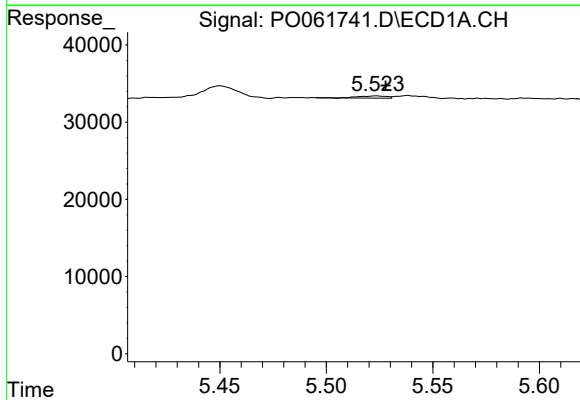
R.T.: 5.793 min
Delta R.T.: -0.006 min
Response: 2402
Conc: 3.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



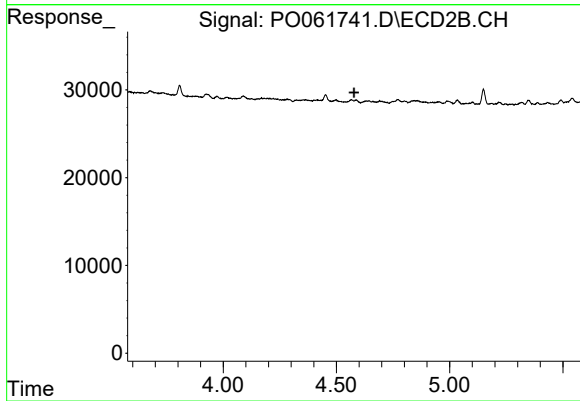
#15 AR-1232-5

R.T.: 5.035 min
Delta R.T.: 0.022 min
Response: 5051
Conc: 7.36 ng/ml



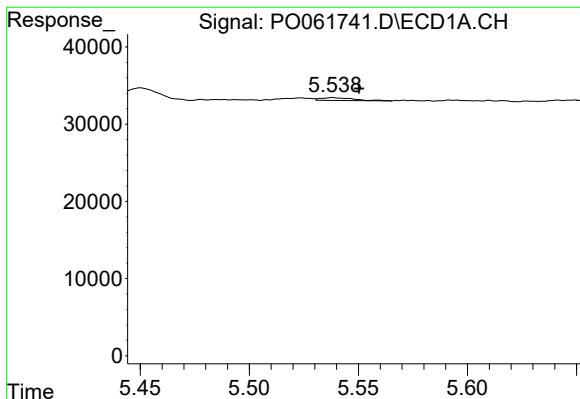
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: -0.004 min
Response: 2653
Conc: 1.87 ng/ml



#16 AR-1242-1

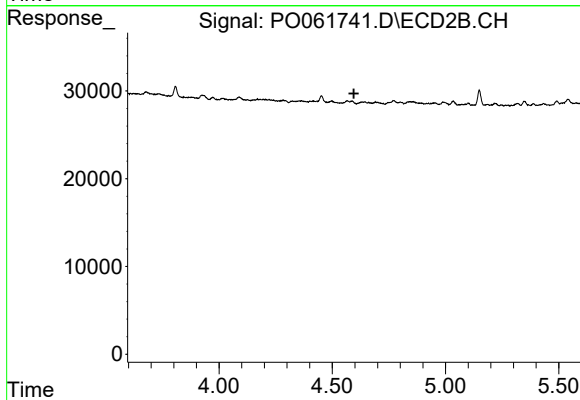
R.T.: 0.000 min
Exp R.T.: 4.577 min
Response: 0
Conc: N.D.



#17 AR-1242-2

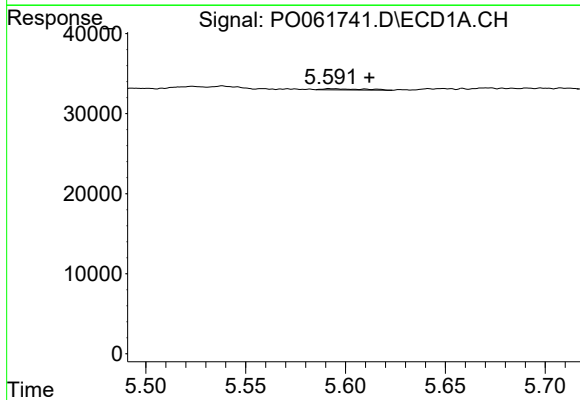
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 3908
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



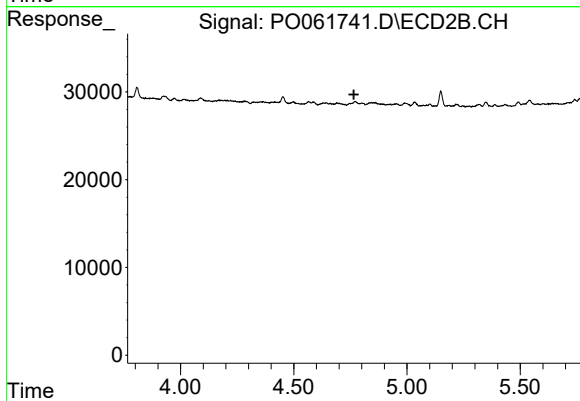
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



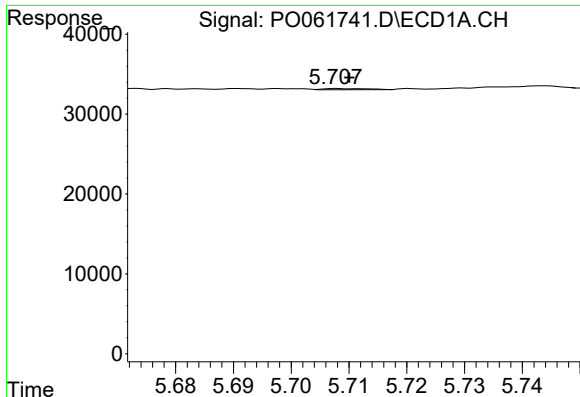
#18 AR-1242-3

R.T.: 5.592 min
Delta R.T.: -0.019 min
Response: 2042
Conc: 1.62 ng/ml



#18 AR-1242-3

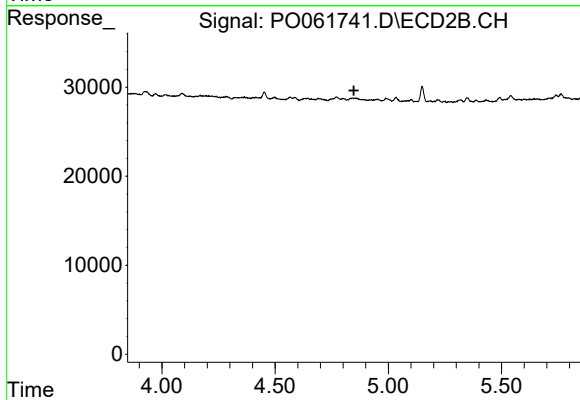
R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

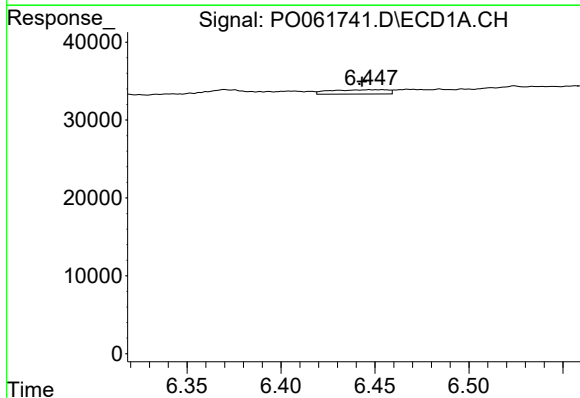
R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 854
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



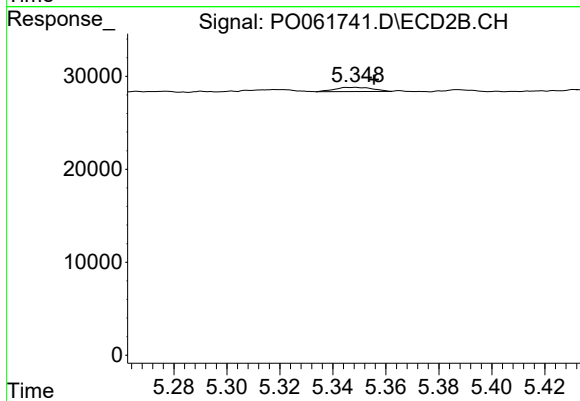
#19 AR-1242-4

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



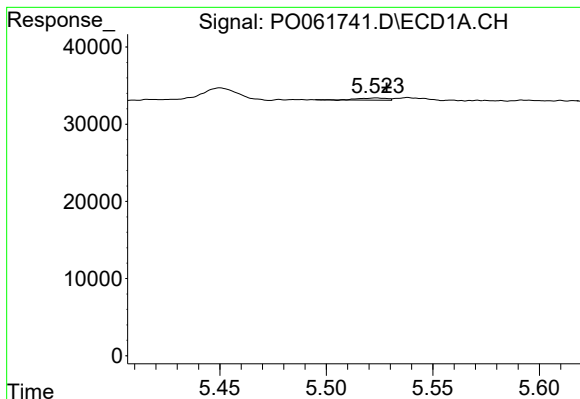
#20 AR-1242-5

R.T.: 6.454 min
Delta R.T.: 0.011 min
Response: 11728
Conc: 8.77 ng/ml



#20 AR-1242-5

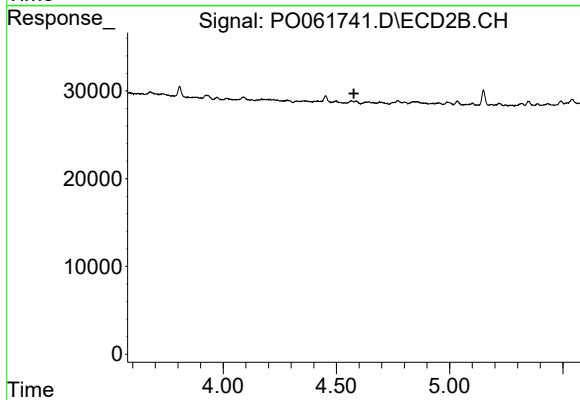
R.T.: 5.349 min
Delta R.T.: -0.007 min
Response: 4404
Conc: 4.11 ng/ml



#21 AR-1248-1

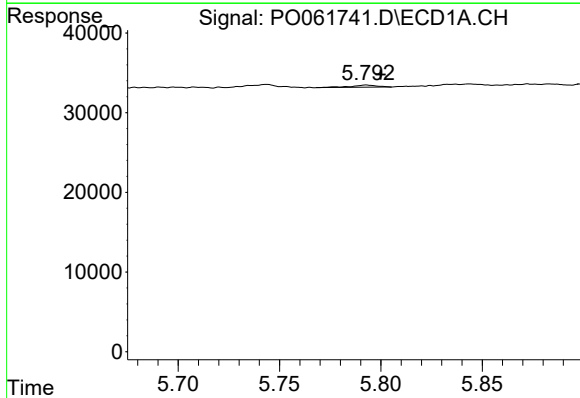
R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 2653
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



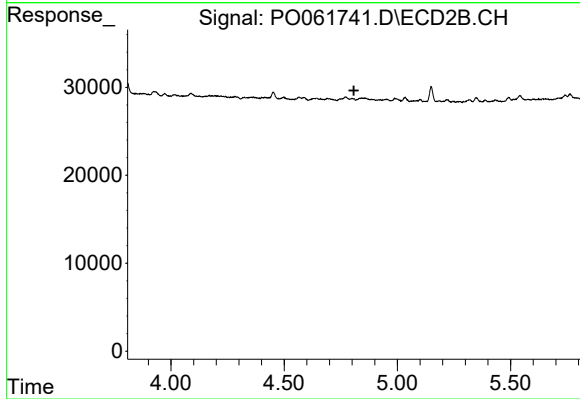
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



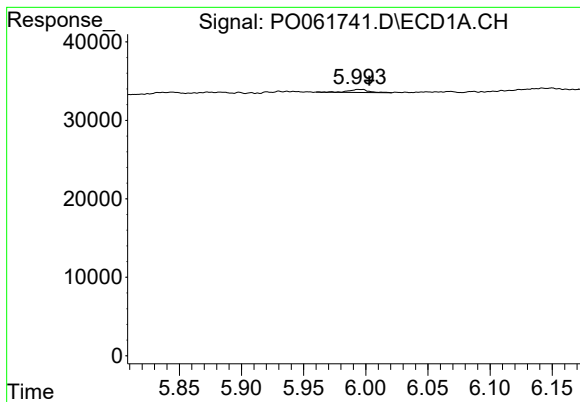
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: -0.007 min
Response: 2402
Conc: 1.42 ng/ml



#22 AR-1248-2

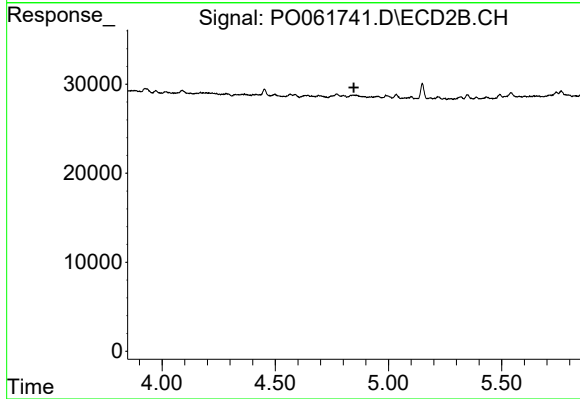
R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



#23 AR-1248-3

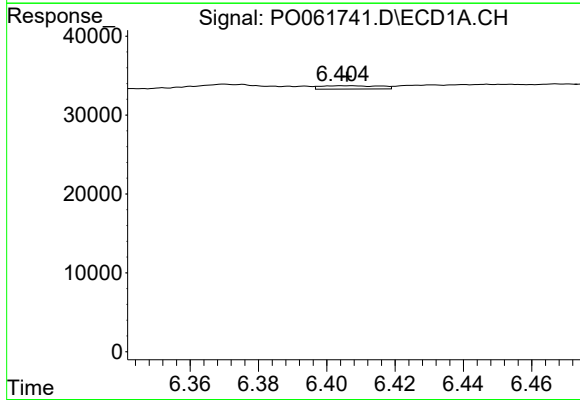
R.T.: 5.995 min
Delta R.T.: -0.009 min
Response: 4459
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



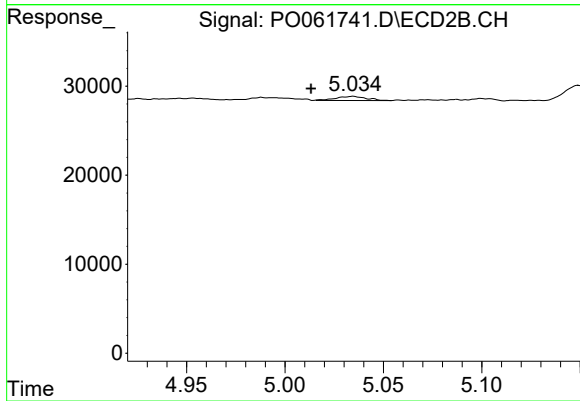
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



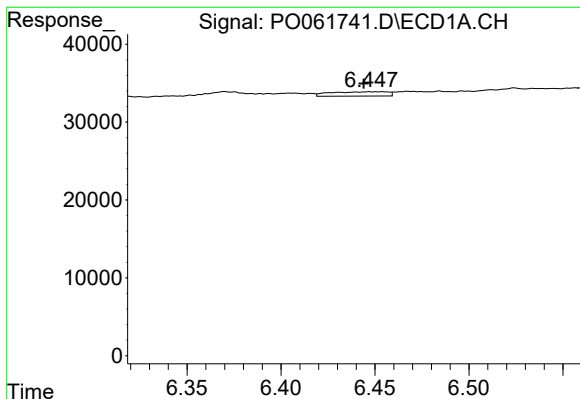
#24 AR-1248-4

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 5064
Conc: 2.14 ng/ml



#24 AR-1248-4

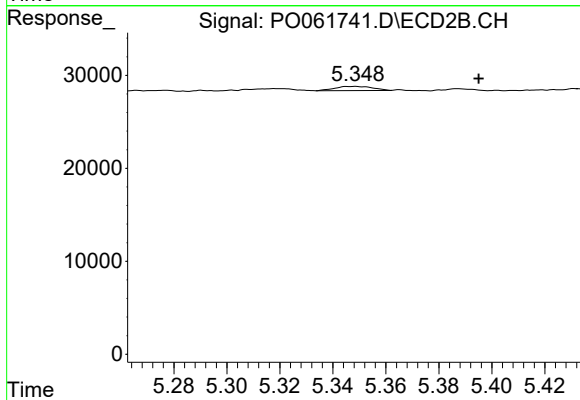
R.T.: 5.035 min
Delta R.T.: 0.021 min
Response: 5051
Conc: 3.36 ng/ml



#25 AR-1248-5

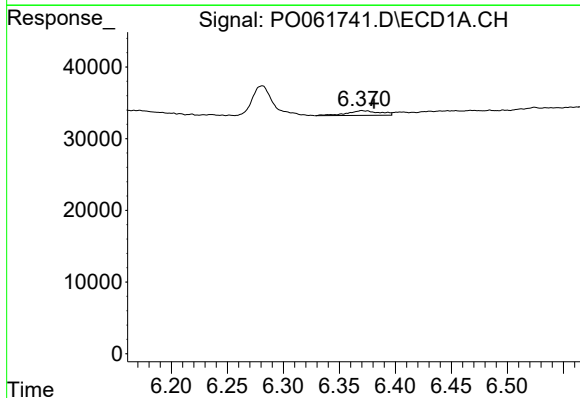
R.T.: 6.454 min
Delta R.T.: 0.010 min
Response: 11728
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



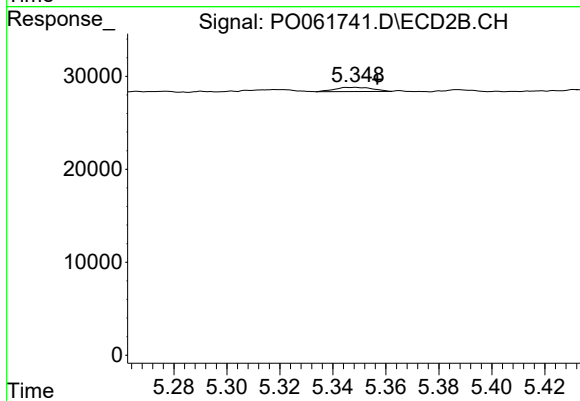
#25 AR-1248-5

R.T.: 5.349 min
Delta R.T.: -0.046 min
Response: 4404
Conc: 2.87 ng/ml



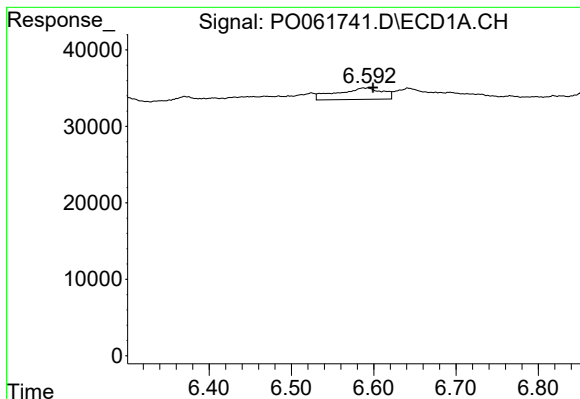
#26 AR-1254-1

R.T.: 6.370 min
Delta R.T.: -0.011 min
Response: 13351
Conc: 5.85 ng/ml



#26 AR-1254-1

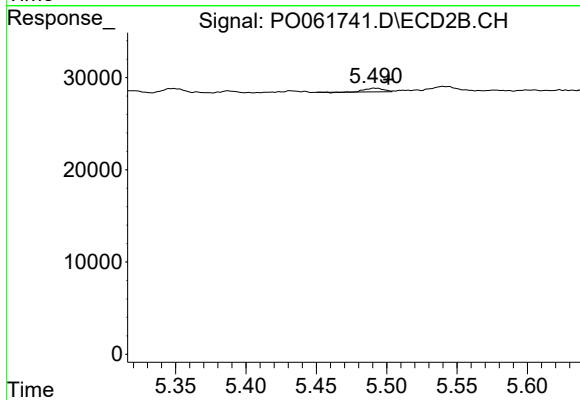
R.T.: 5.349 min
Delta R.T.: -0.008 min
Response: 4404
Conc: 2.01 ng/ml



#27 AR-1254-2

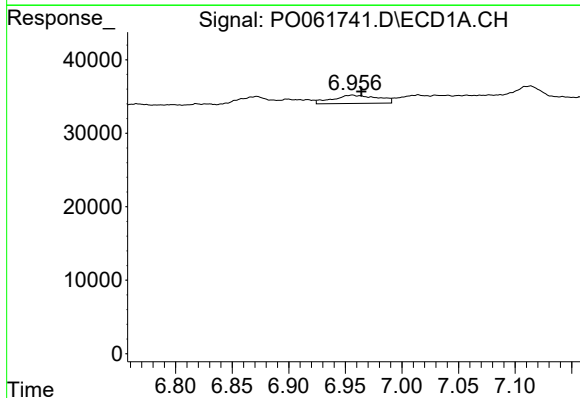
R.T.: 6.587 min
Delta R.T.: -0.012 min
Response: 58346
Conc: 16.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



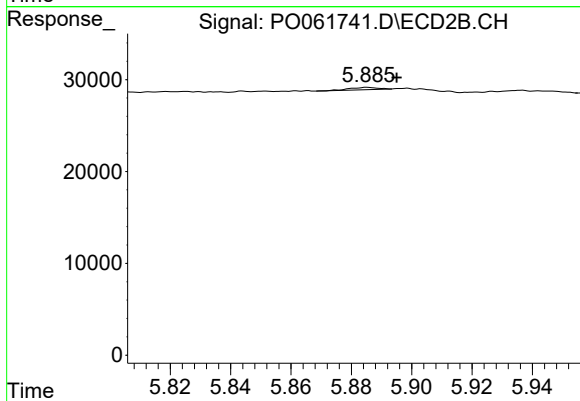
#27 AR-1254-2

R.T.: 5.491 min
Delta R.T.: -0.010 min
Response: 3322
Conc: 1.69 ng/ml



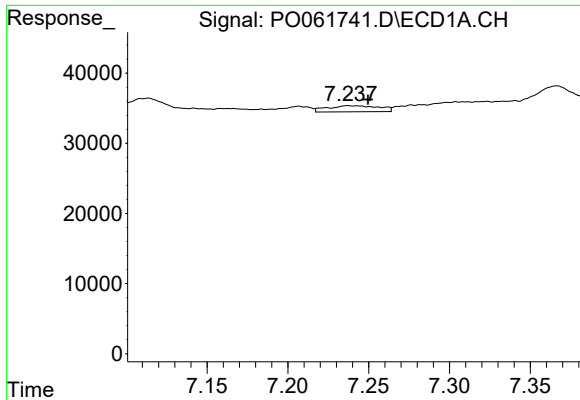
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: -0.008 min
Response: 31533
Conc: 8.07 ng/ml



#28 AR-1254-3

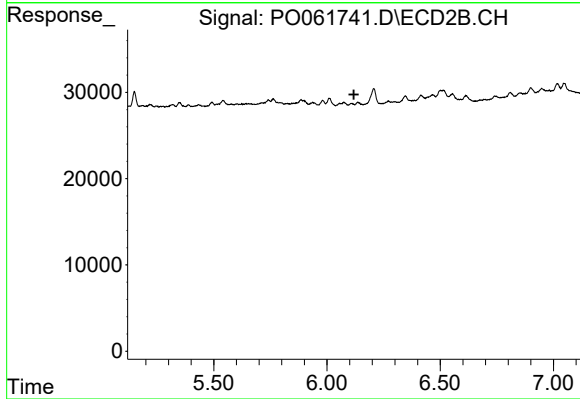
R.T.: 5.885 min
Delta R.T.: -0.010 min
Response: 1613
Conc: 0.51 ng/ml



#29 AR-1254-4

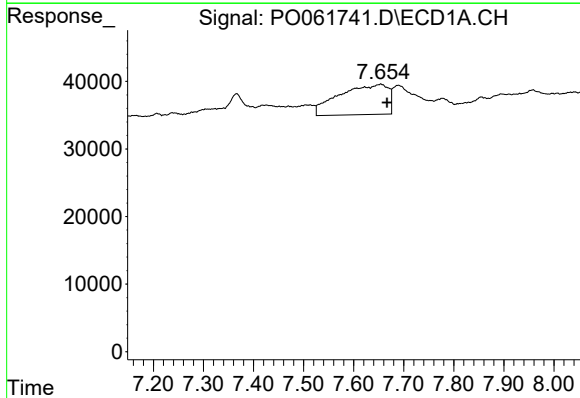
R.T.: 7.237 min
Delta R.T.: -0.013 min
Response: 19181
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



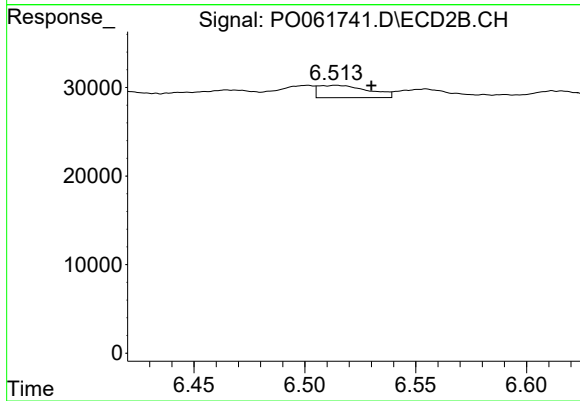
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.119 min
Response: 0
Conc: N.D.



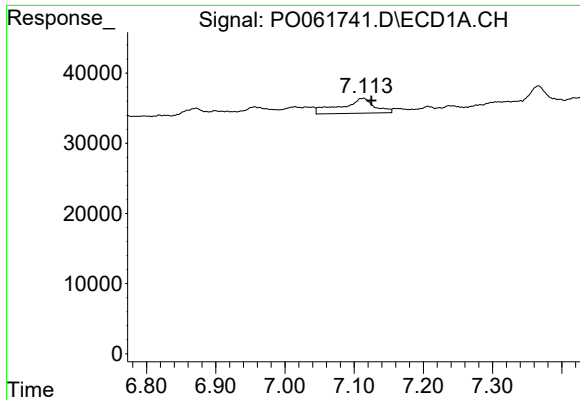
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.013 min
Response: 304035
Conc: 96.81 ng/ml



#30 AR-1254-5

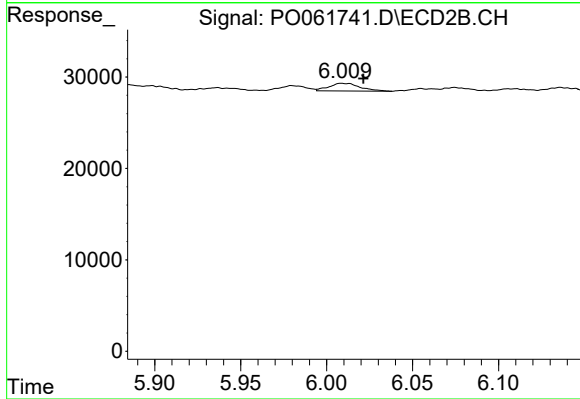
R.T.: 6.514 min
Delta R.T.: -0.016 min
Response: 21815
Conc: 7.71 ng/ml



#31 AR-1260-1

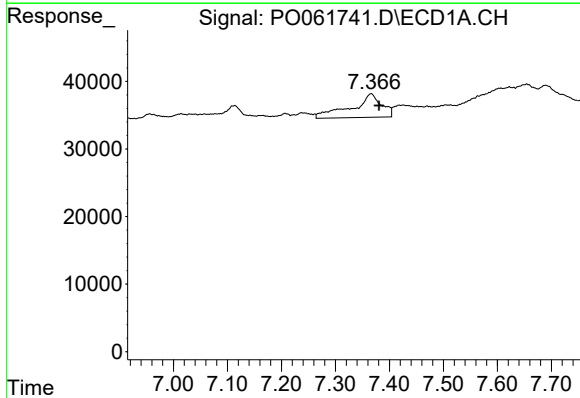
R.T.: 7.114 min
Delta R.T.: -0.011 min
Response: 71681
Conc: 27.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



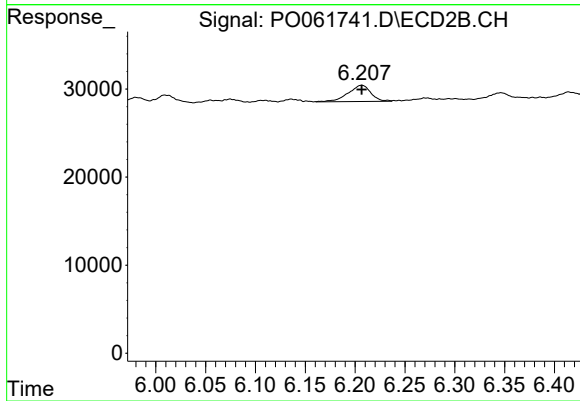
#31 AR-1260-1

R.T.: 6.009 min
Delta R.T.: -0.013 min
Response: 10619
Conc: 5.21 ng/ml



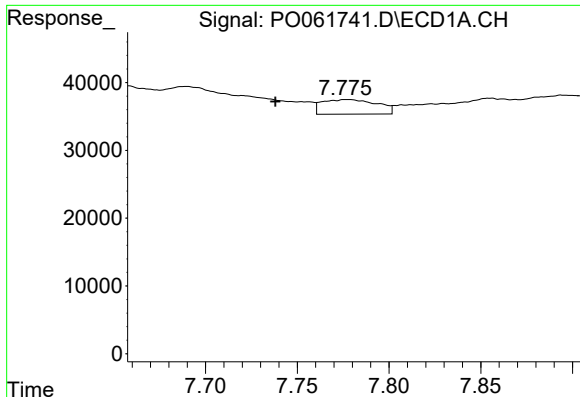
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.015 min
Response: 134844
Conc: 42.30 ng/ml



#32 AR-1260-2

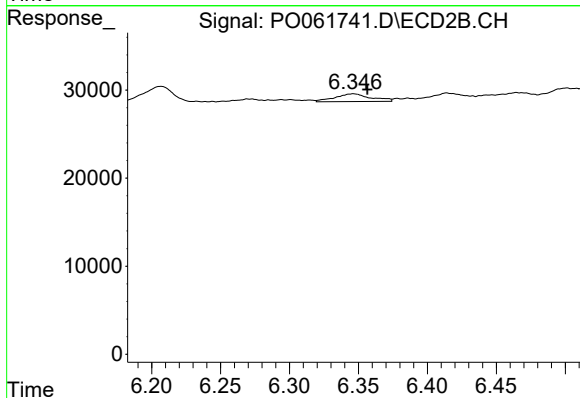
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 29451
Conc: 12.26 ng/ml



#33 AR-1260-3

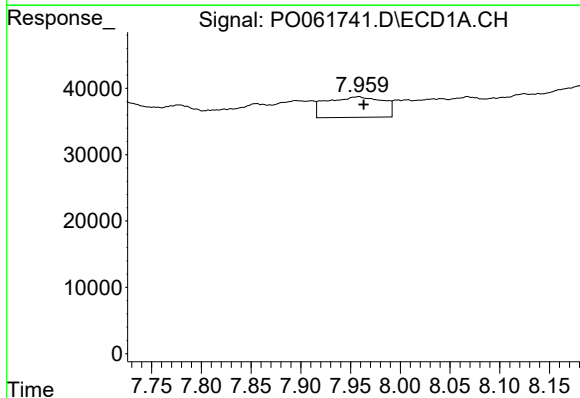
R.T.: 7.777 min
Delta R.T.: 0.039 min
Response: 45092
Conc: 18.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



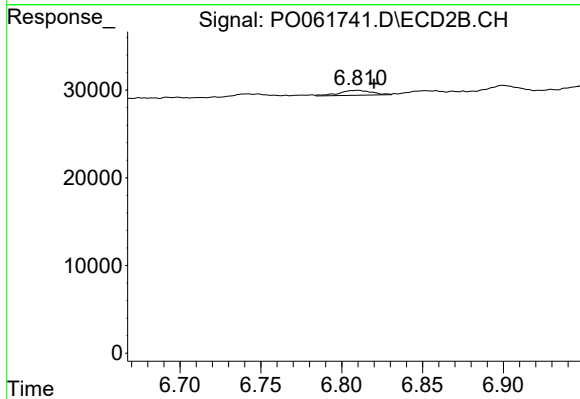
#33 AR-1260-3

R.T.: 6.346 min
Delta R.T.: -0.010 min
Response: 15833
Conc: 7.03 ng/ml



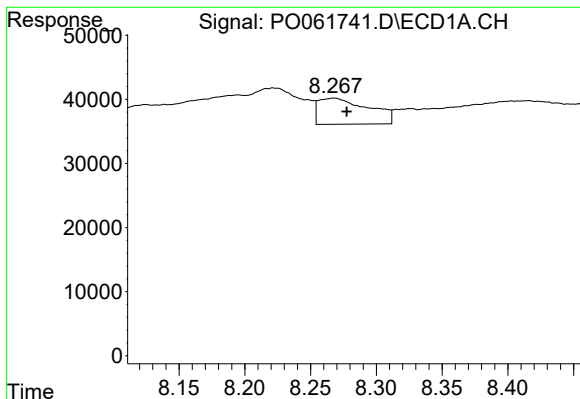
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: -0.005 min
Response: 122982
Conc: 46.03 ng/ml



#34 AR-1260-4

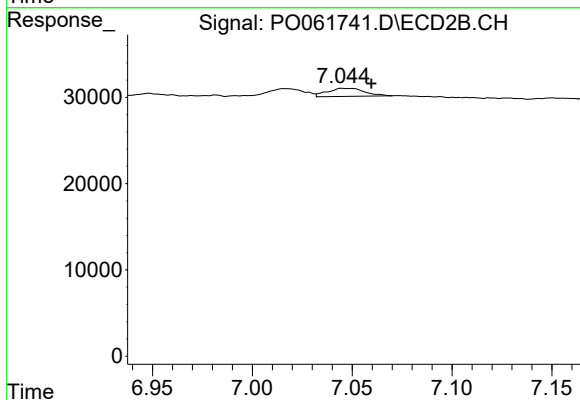
R.T.: 6.810 min
Delta R.T.: -0.010 min
Response: 7948
Conc: 4.31 ng/ml



#35 AR-1260-5

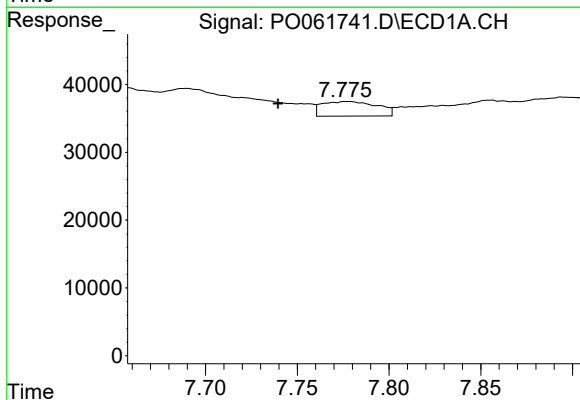
R.T.: 8.268 min
Delta R.T.: -0.009 min
Response: 108263
Conc: 21.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



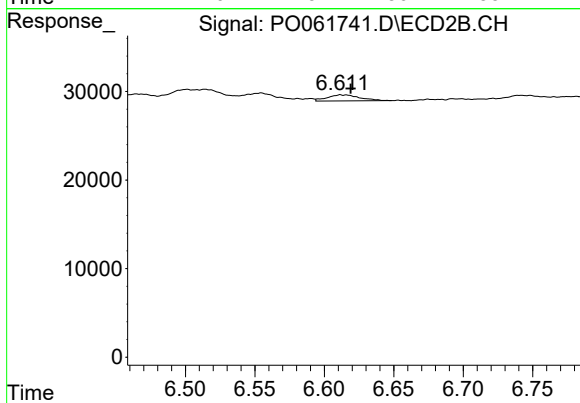
#35 AR-1260-5

R.T.: 7.045 min
Delta R.T.: -0.015 min
Response: 12126
Conc: 3.11 ng/ml



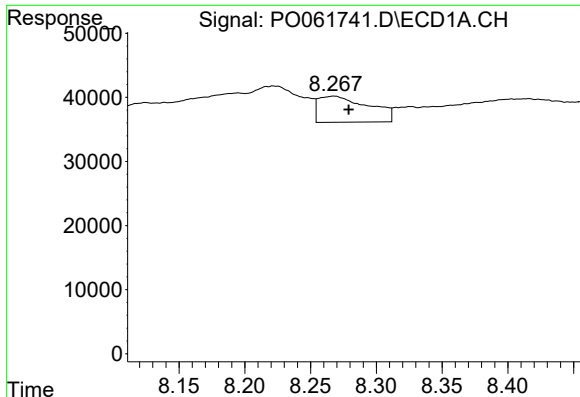
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: 0.038 min
Response: 45092
Conc: 11.77 ng/ml



#36 AR-1262-1

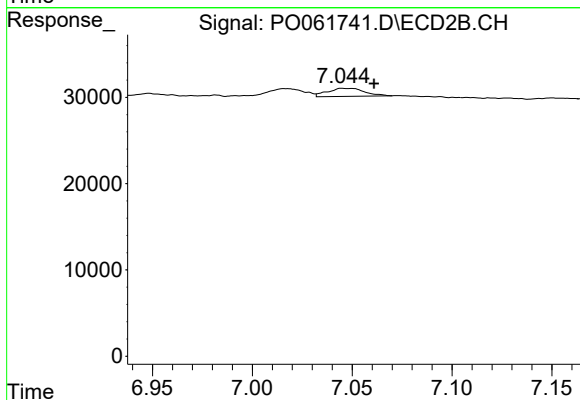
R.T.: 6.612 min
Delta R.T.: -0.008 min
Response: 11142
Conc: 9.13 ng/ml



#37 AR-1262-2

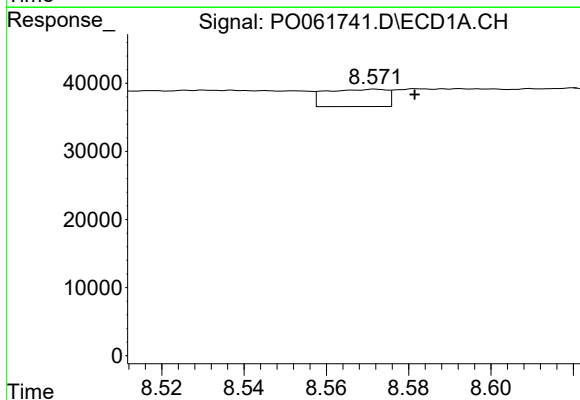
R.T.: 8.268 min
Delta R.T.: -0.011 min
Response: 108263
Conc: 17.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



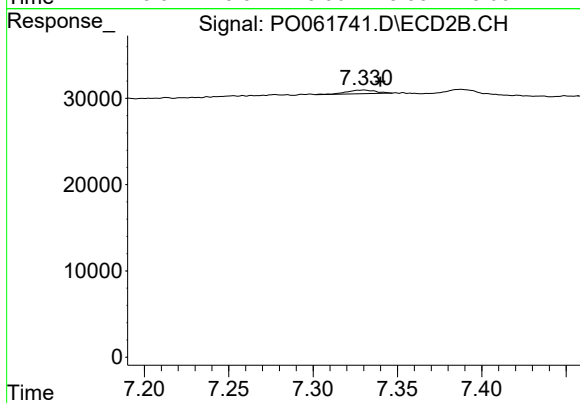
#37 AR-1262-2

R.T.: 7.045 min
Delta R.T.: -0.016 min
Response: 12126
Conc: 2.64 ng/ml



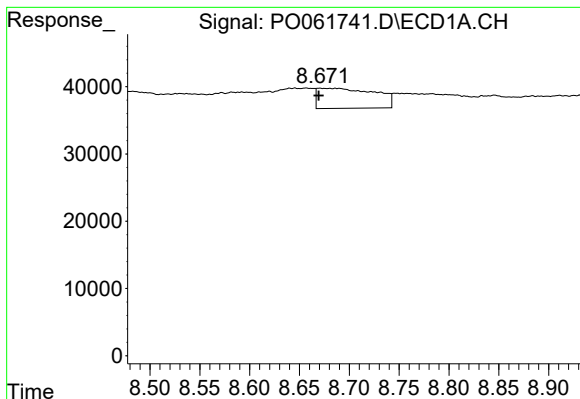
#38 AR-1262-3

R.T.: 8.572 min
Delta R.T.: -0.009 min
Response: 26275
Conc: 6.32 ng/ml



#38 AR-1262-3

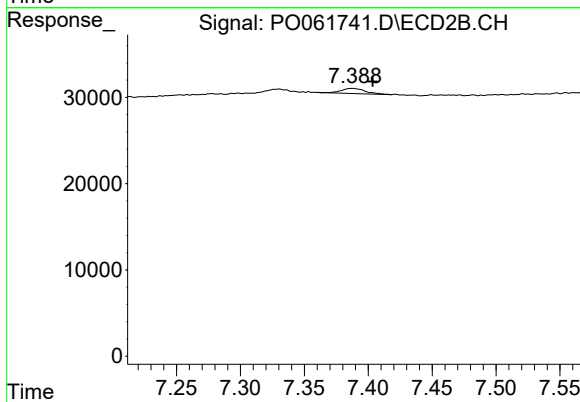
R.T.: 7.330 min
Delta R.T.: -0.009 min
Response: 5026
Conc: 2.67 ng/ml



#39 AR-1262-4

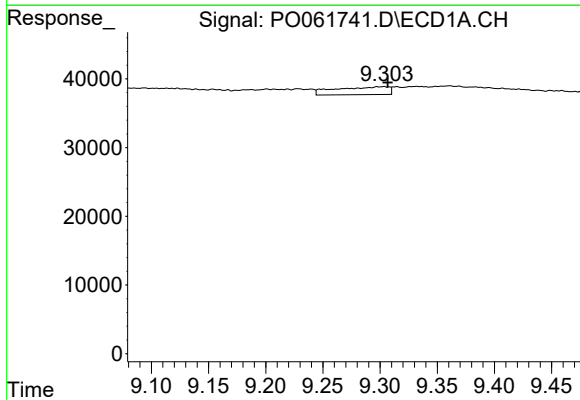
R.T.: 8.670 min
Delta R.T.: 0.001 min
Response: 120004
Conc: 38.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



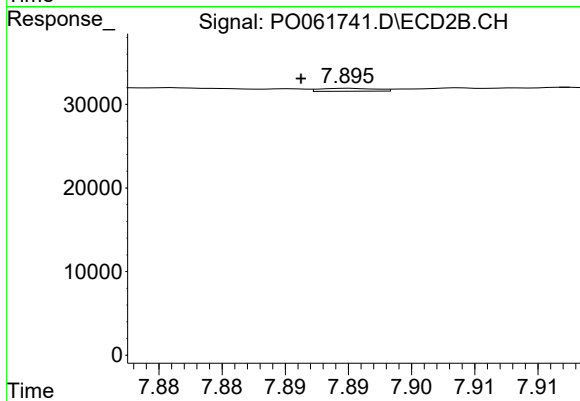
#39 AR-1262-4

R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 8006
Conc: 2.38 ng/ml



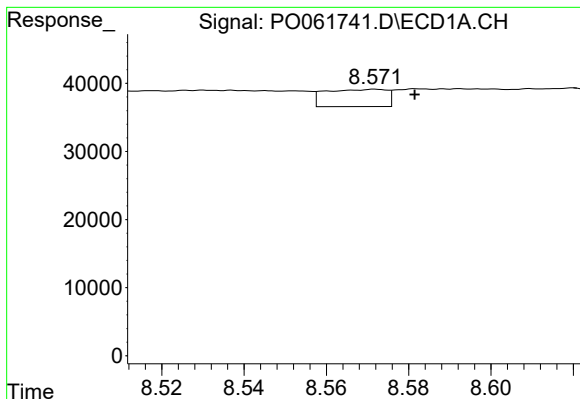
#40 AR-1262-5

R.T.: 9.303 min
Delta R.T.: -0.003 min
Response: 37126
Conc: 18.26 ng/ml



#40 AR-1262-5

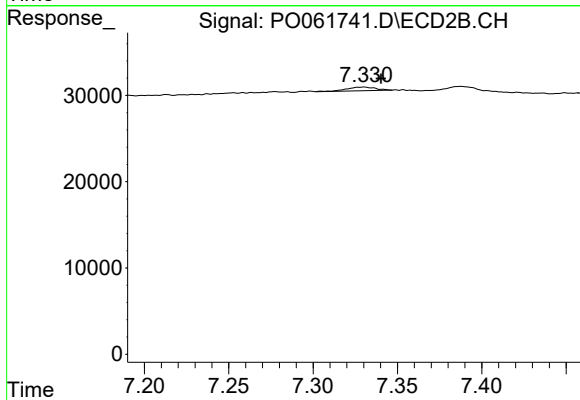
R.T.: 7.895 min
Delta R.T.: 0.004 min
Response: 1084
Conc: 0.72 ng/ml



#41 AR-1268-1

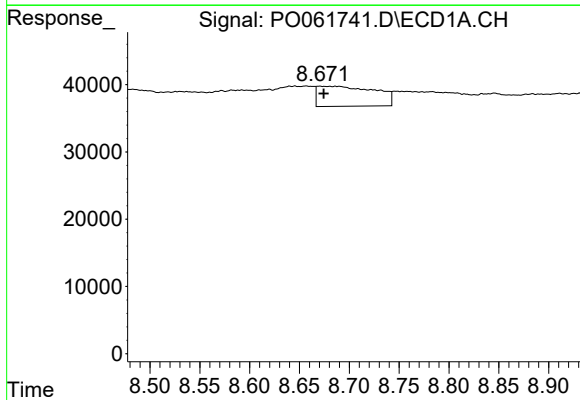
R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 26275
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



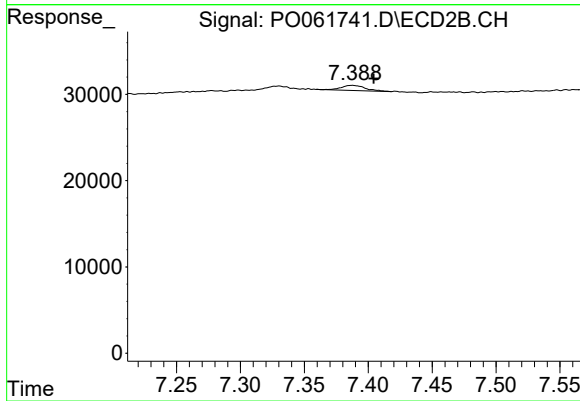
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.010 min
Response: 5026
Conc: 1.04 ng/ml



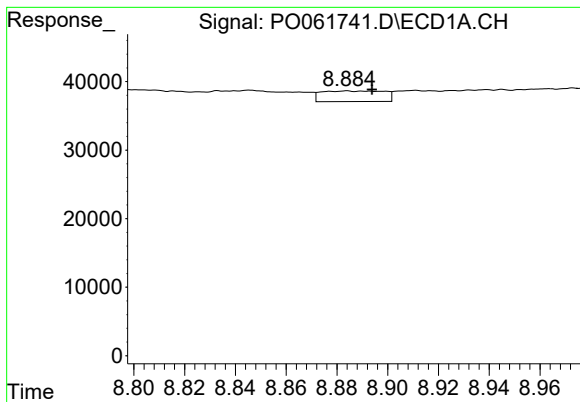
#42 AR-1268-2

R.T.: 8.670 min
Delta R.T.: -0.004 min
Response: 120004
Conc: 19.38 ng/ml



#42 AR-1268-2

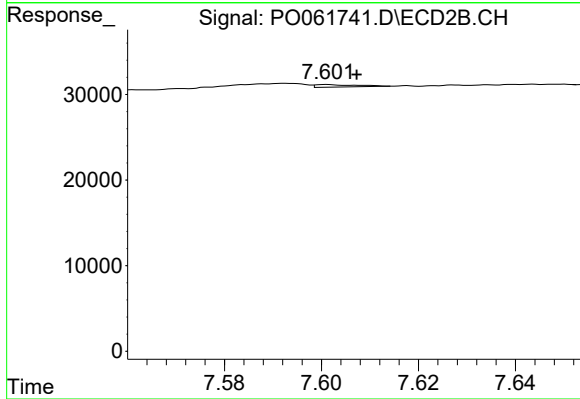
R.T.: 7.388 min
Delta R.T.: -0.016 min
Response: 8006
Conc: 1.86 ng/ml



#43 AR-1268-3

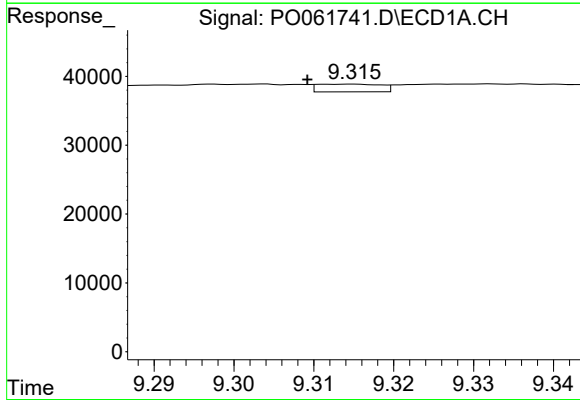
R.T.: 8.884 min
Delta R.T.: -0.010 min
Response: 26671
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



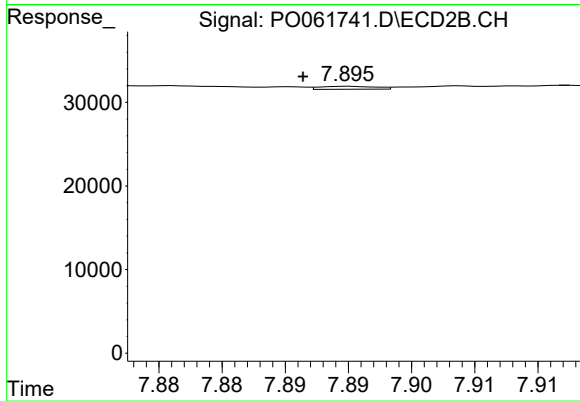
#43 AR-1268-3

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 1744
Conc: 0.49 ng/ml



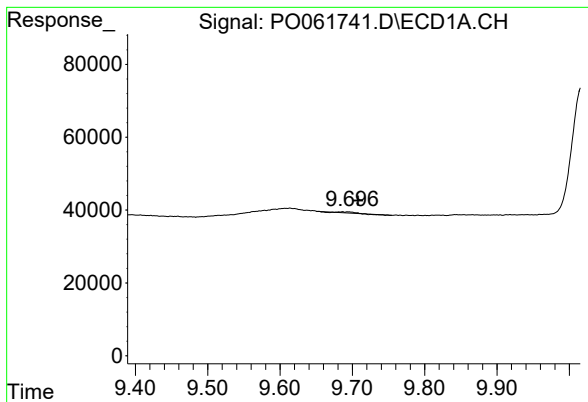
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.005 min
Response: 6155
Conc: 2.82 ng/ml



#44 AR-1268-4

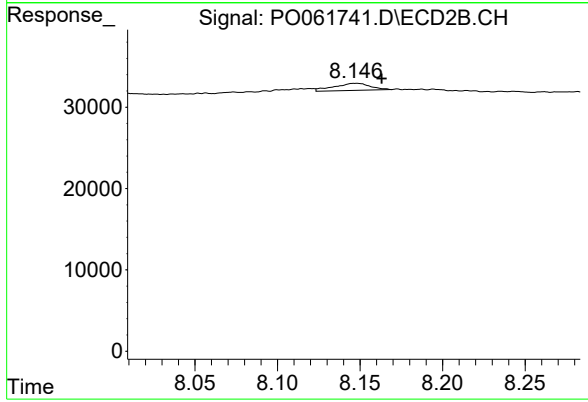
R.T.: 7.895 min
Delta R.T.: 0.004 min
Response: 1084
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 9.686 min
Delta R.T.: -0.022 min
Response: 2047
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
S-1(5-10)



#45 AR-1268-5

R.T.: 8.147 min
Delta R.T.: -0.016 min
Response: 13372
Conc: 1.33 ng/ml