

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061858.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 14:38
 Operator : HP/AJ
 Sample : K5292-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 14:58:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 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...	4.352	3.512	1008441	736935	24.588	22.787
2)	SA Decachlor...	10.009	8.436	627698	329	13.478	0.010 #
Target Compounds							
3)	L1 AR-1016-1	5.537	4.579	96402	82491	52.571	61.347
4)	L1 AR-1016-2	5.600	4.608	15110	7312	5.846	3.945 #
5)	L1 AR-1016-3	5.658	4.791	10175	48008	6.334	47.926 #
6)	L1 AR-1016-4	5.698	4.829	20326	45747	15.203	52.792 #
7)	L1 AR-1016-5	6.030	5.034	16209	28241	11.819	24.742 #
8)	L2 AR-1221-1	4.578	3.732	2923	5421	6.322	13.691 #
9)	L2 AR-1221-2	4.655	3.801	23208	20692	64.643	67.095
10)	L2 AR-1221-3	4.723	3.876	14295	15497	12.556	16.990 #
11)	L3 AR-1232-1	4.723	3.876	14295	15497	10.223	13.802 #
12)	L3 AR-1232-2	5.248	4.608	37127	7312	47.322	5.990 #
13)	L3 AR-1232-3	5.537	4.749	96402	28269	56.419	42.816
14)	L3 AR-1232-4	5.698	4.860	20326	34143	22.973	54.164 #
15)	L3 AR-1232-5	5.786	4.996	37799	41409	54.517	60.350
16)	L4 AR-1242-1	5.537	4.579	96402	82491	67.881	80.518
17)	L4 AR-1242-2	5.537	4.579	96402	82491	47.965	58.495
18)	L4 AR-1242-3	5.600	4.749	15110	28269	11.974	36.201 #
19)	L4 AR-1242-4	5.698	4.829	20326	45747	19.344	55.749 #
20)	L4 AR-1242-5	6.431	5.339	66364	66917	49.618	62.467 #
21)	L5 AR-1248-1	5.537	4.579	96402	82491	82.057	92.188
22)	L5 AR-1248-2	5.831	4.829	44199	45747	26.197	38.826 #
23)	L5 AR-1248-3	6.030	4.860	16209	34143	8.673	27.506 #
24)	L5 AR-1248-4	6.431	5.034	66364	28241	28.087	18.786 #
25)	L5 AR-1248-5	6.431	5.409	66364	12369	29.268	8.063 #
26)	L6 AR-1254-1	6.393	5.339	46930	66917	20.571	30.510 #
27)	L6 AR-1254-2	6.585	5.505	117059	15335	32.399	7.822 #
28)	L6 AR-1254-3	6.952	5.875	60722	65265	15.541	20.499 #
29)	L6 AR-1254-4	7.262	6.129	2105	16296	0.695	8.032 #
30)	L6 AR-1254-5	7.682	6.546	11680	21001	3.719	7.425 #
31)	L7 AR-1260-1	7.179	6.049	13649	16625	5.229	8.150 #
32)	L7 AR-1260-2	7.410	6.220	15209	7835	4.771	3.262 #
33)	L7 AR-1260-3	7.785	6.337	24219	30502	10.083	13.538 #
34)	L7 AR-1260-4	7.992	6.839	21333	12284	7.984	6.654
35)	L7 AR-1260-5	8.312	7.080	39406	2284	7.964	0.587 #
36)	L8 AR-1262-1	7.724	6.601	31806	10696	8.301	8.763
37)	L8 AR-1262-2	8.264	7.080	58683	2284	9.453	0.497 #
38)	L8 AR-1262-3	8.582	7.353	61851	6030	14.881	3.201 #
39)	L8 AR-1262-4	8.656	7.381	72384	21166	22.929	6.298 #
40)	L8 AR-1262-5	9.291	7.912	47732	1731	23.471	1.142 #
41)	L9 AR-1268-1	8.582	7.353	61851	6030	9.198	1.249 #

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Acq On : 10 Oct 2019 14:38
Operator : HP/AJ
Sample : K5292-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

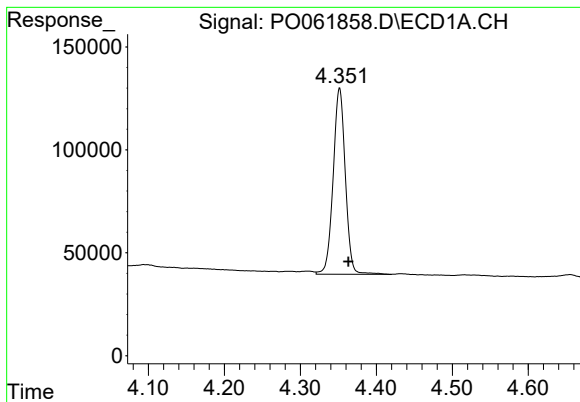
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:58:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.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	8.656	7.381	72384	21166	11.689	4.911 #
43)	L9 AR-1268-3	8.881	7.587	30504	3071	5.967	0.857 #
44)	L9 AR-1268-4	9.327	7.912	3431	1731	1.569	1.075 #
45)	L9 AR-1268-5	9.686	8.170	11498	1659	0.765	0.165 #

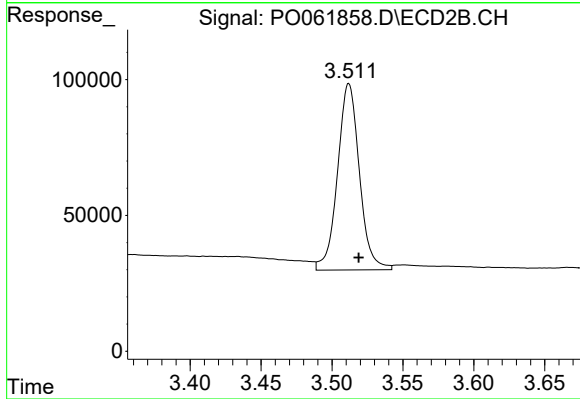
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

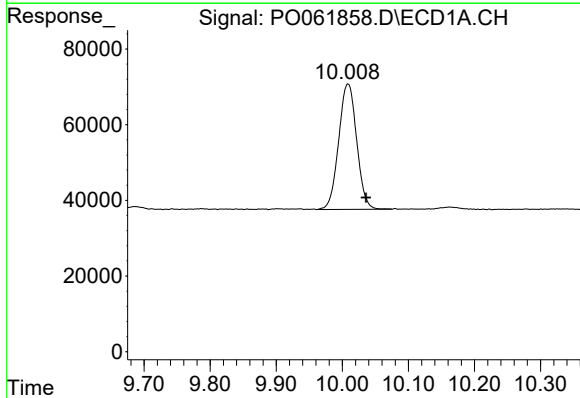
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 1008441
Conc: 24.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



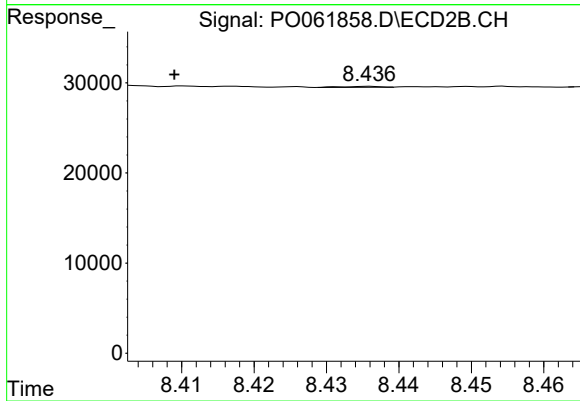
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 736935
Conc: 22.79 ng/ml



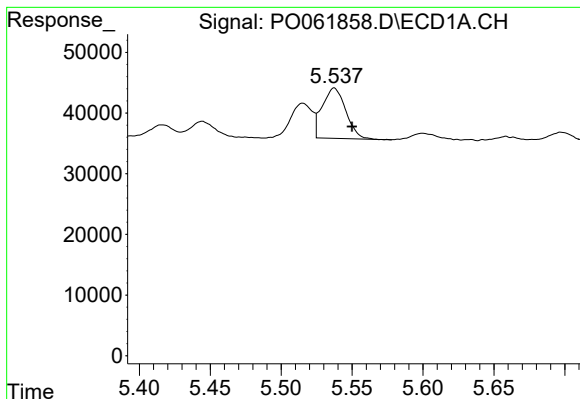
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 627698
Conc: 13.48 ng/ml



#2 Decachlorobiphenyl

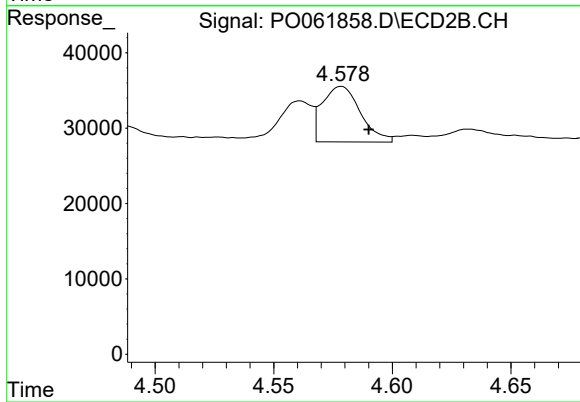
R.T.: 8.436 min
Delta R.T.: 0.027 min
Response: 329
Conc: 0.01 ng/ml



#3 AR-1016-1

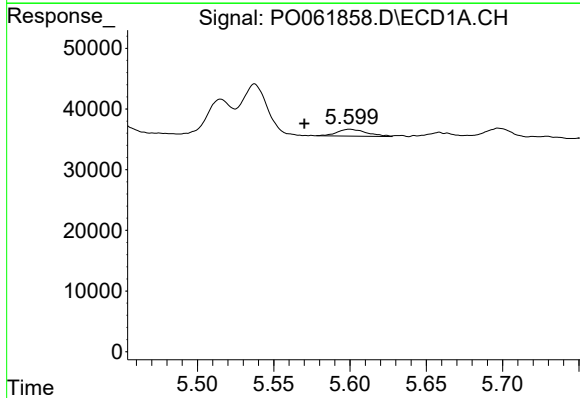
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 96402
Conc: 52.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



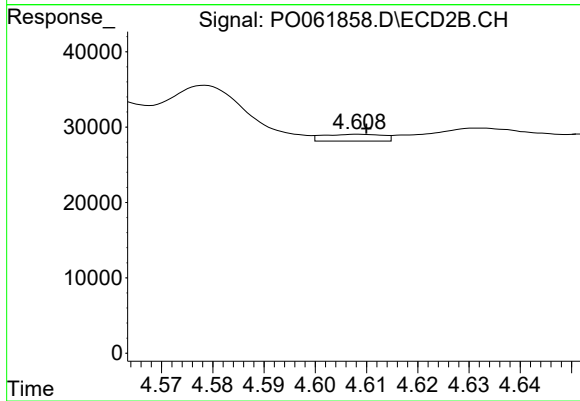
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 82491
Conc: 61.35 ng/ml



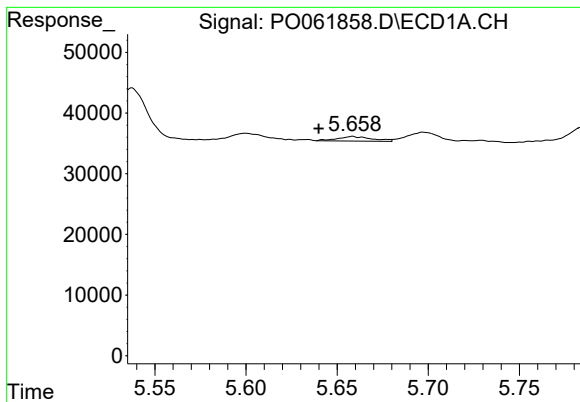
#4 AR-1016-2

R.T.: 5.600 min
Delta R.T.: 0.030 min
Response: 15110
Conc: 5.85 ng/ml



#4 AR-1016-2

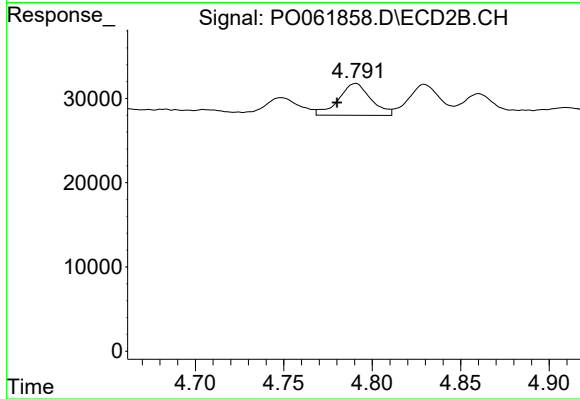
R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 7312
Conc: 3.95 ng/ml



#5 AR-1016-3

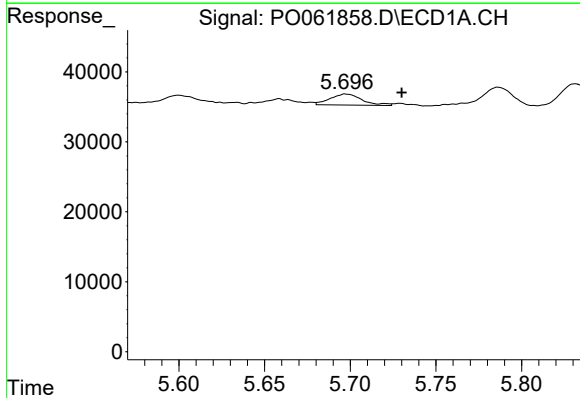
R.T.: 5.658 min
Delta R.T.: 0.018 min
Response: 10175
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



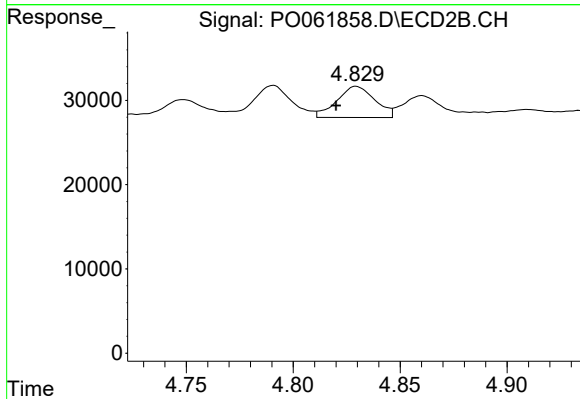
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 48008
Conc: 47.93 ng/ml



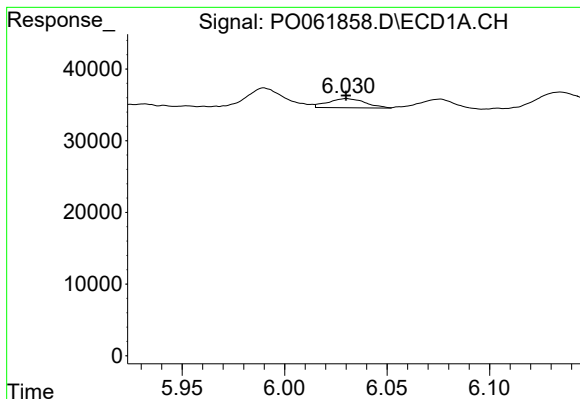
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.032 min
Response: 20326
Conc: 15.20 ng/ml



#6 AR-1016-4

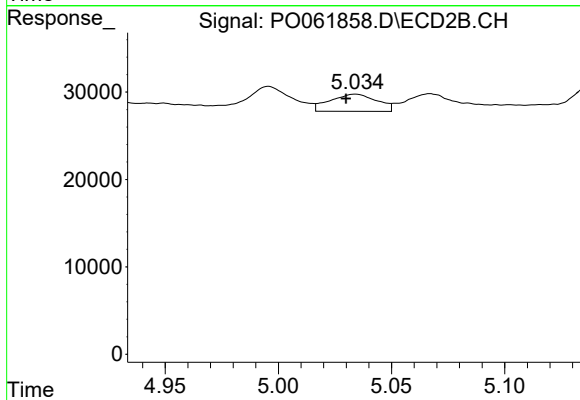
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 45747
Conc: 52.79 ng/ml



#7 AR-1016-5

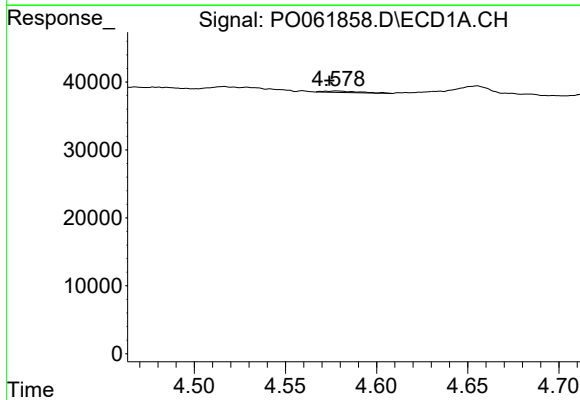
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 16209
Conc: 11.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



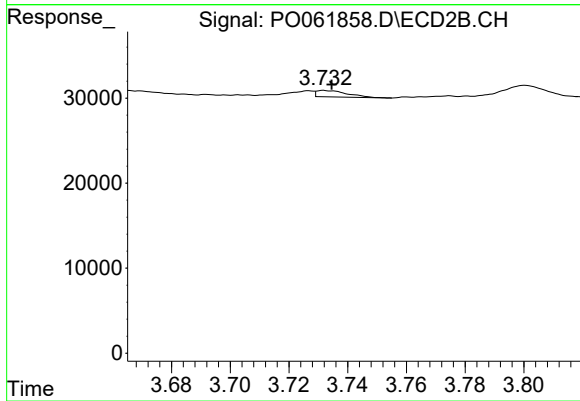
#7 AR-1016-5

R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 28241
Conc: 24.74 ng/ml



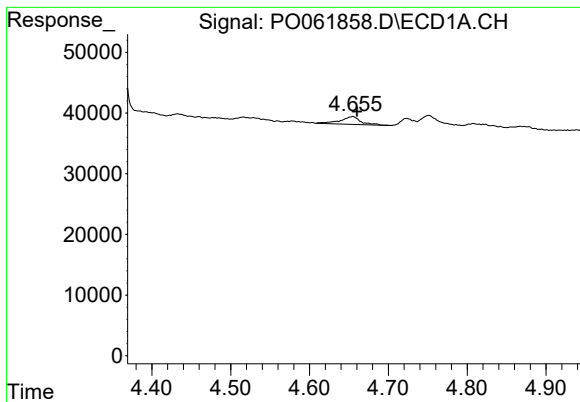
#8 AR-1221-1

R.T.: 4.578 min
Delta R.T.: 0.004 min
Response: 2923
Conc: 6.32 ng/ml



#8 AR-1221-1

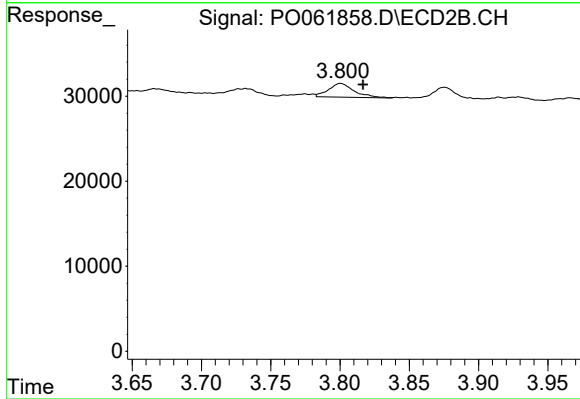
R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 5421
Conc: 13.69 ng/ml



#9 AR-1221-2

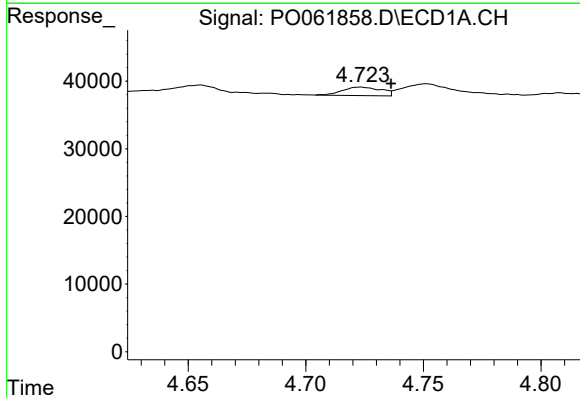
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 23208
Conc: 64.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



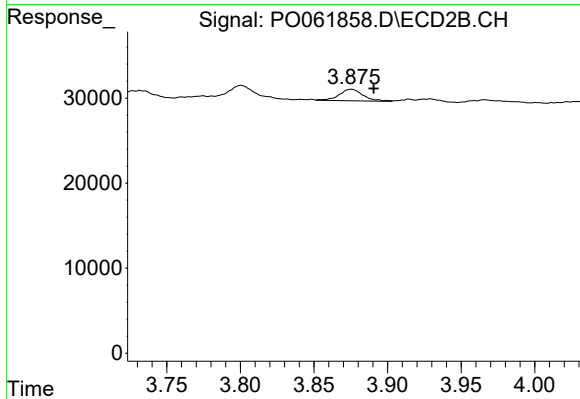
#9 AR-1221-2

R.T.: 3.801 min
Delta R.T.: -0.016 min
Response: 20692
Conc: 67.09 ng/ml



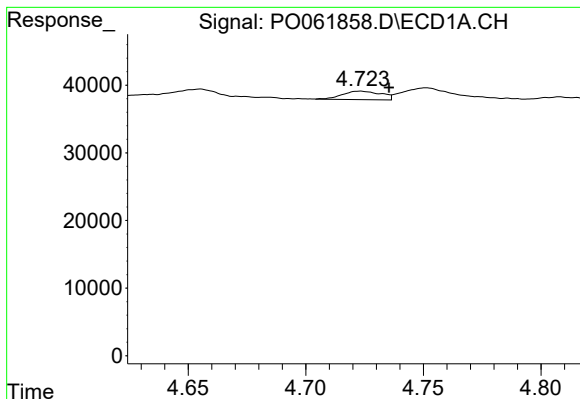
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 14295
Conc: 12.56 ng/ml



#10 AR-1221-3

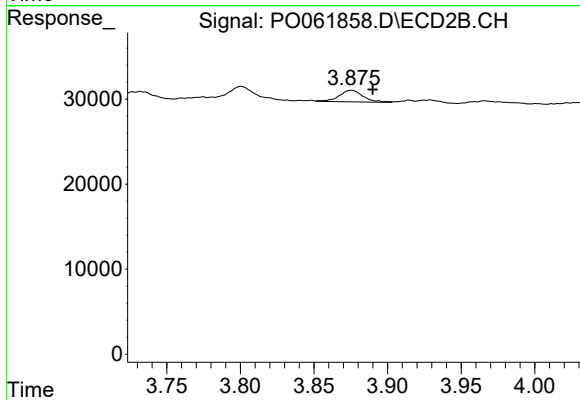
R.T.: 3.876 min
Delta R.T.: -0.015 min
Response: 15497
Conc: 16.99 ng/ml



#11 AR-1232-1

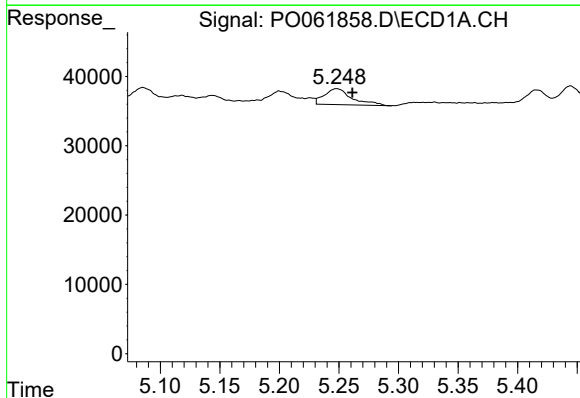
R.T.: 4.723 min
Delta R.T.: -0.012 min
Response: 14295
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



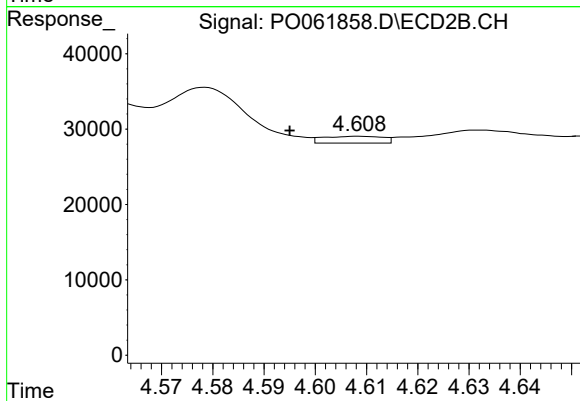
#11 AR-1232-1

R.T.: 3.876 min
Delta R.T.: -0.014 min
Response: 15497
Conc: 13.80 ng/ml



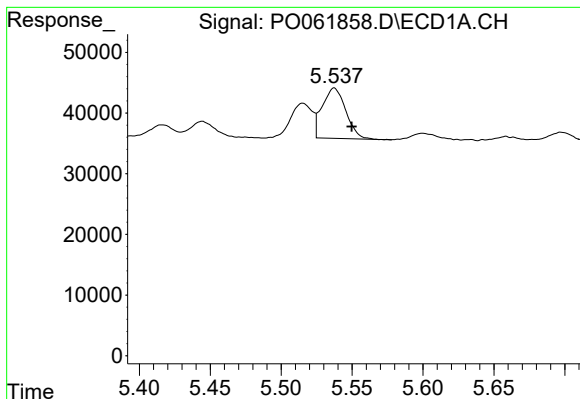
#12 AR-1232-2

R.T.: 5.248 min
Delta R.T.: -0.013 min
Response: 37127
Conc: 47.32 ng/ml



#12 AR-1232-2

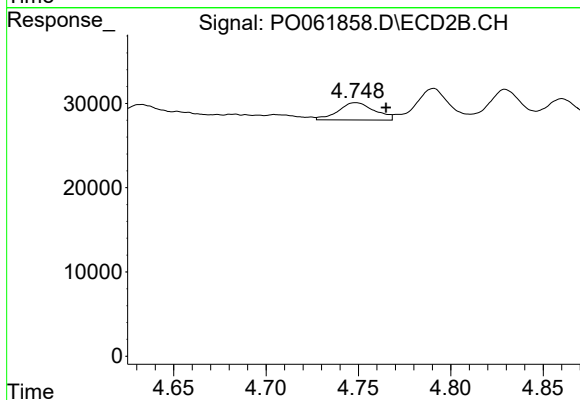
R.T.: 4.608 min
Delta R.T.: 0.013 min
Response: 7312
Conc: 5.99 ng/ml



#13 AR-1232-3

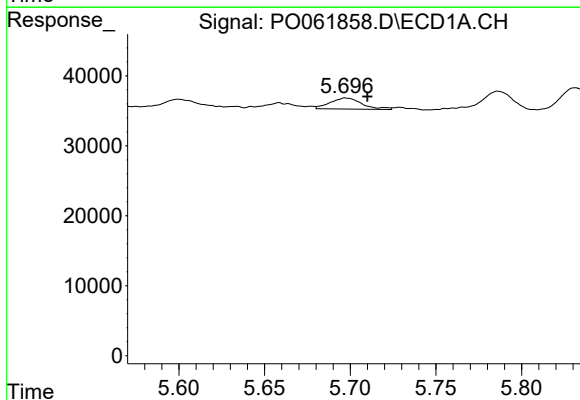
R.T.: 5.537 min
Delta R.T.: -0.012 min
Response: 96402
Conc: 56.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



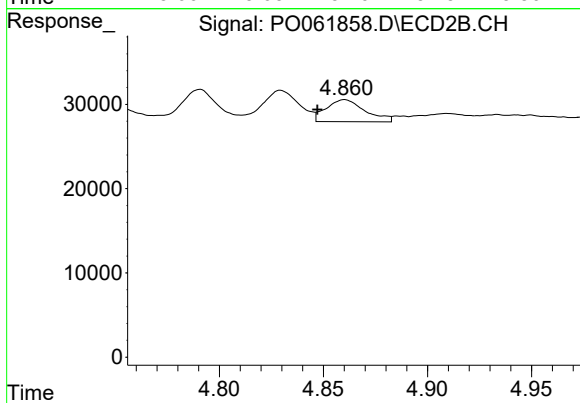
#13 AR-1232-3

R.T.: 4.749 min
Delta R.T.: -0.016 min
Response: 28269
Conc: 42.82 ng/ml



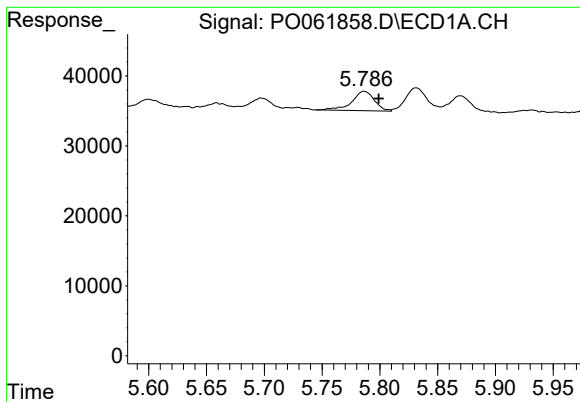
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 20326
Conc: 22.97 ng/ml



#14 AR-1232-4

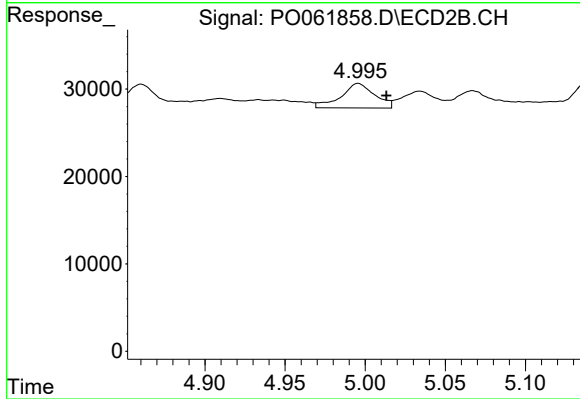
R.T.: 4.860 min
Delta R.T.: 0.013 min
Response: 34143
Conc: 54.16 ng/ml



#15 AR-1232-5

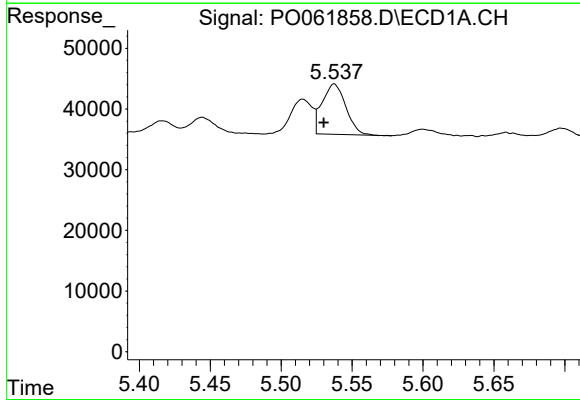
R.T.: 5.786 min
Delta R.T.: -0.013 min
Response: 37799
Conc: 54.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



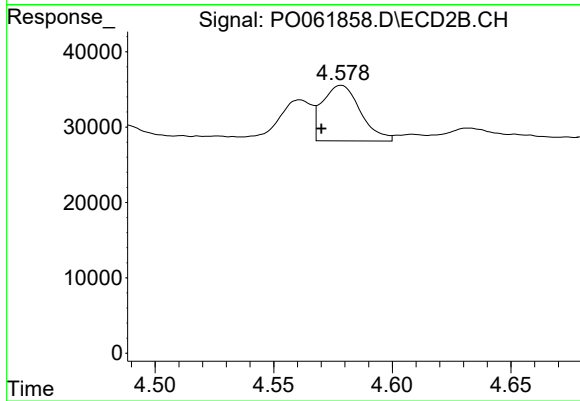
#15 AR-1232-5

R.T.: 4.996 min
Delta R.T.: -0.017 min
Response: 41409
Conc: 60.35 ng/ml



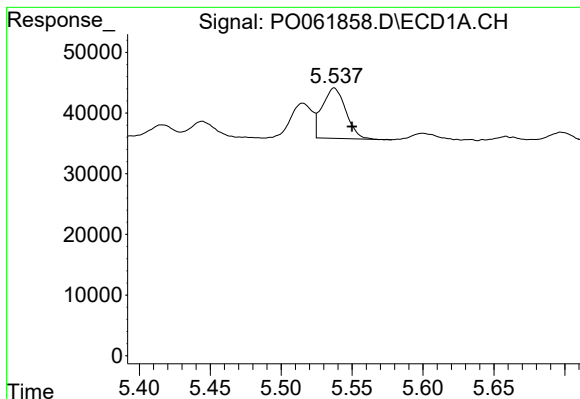
#16 AR-1242-1

R.T.: 5.537 min
Delta R.T.: 0.007 min
Response: 96402
Conc: 67.88 ng/ml



#16 AR-1242-1

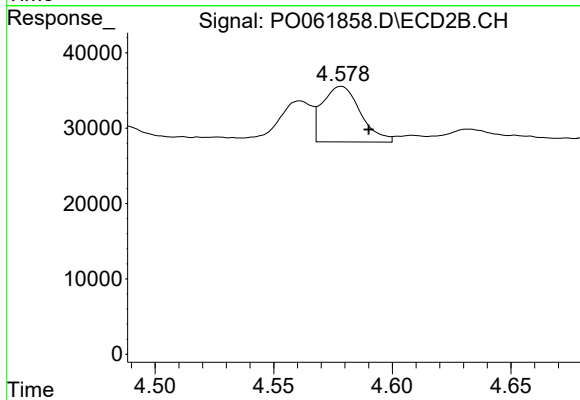
R.T.: 4.579 min
Delta R.T.: 0.009 min
Response: 82491
Conc: 80.52 ng/ml



#17 AR-1242-2

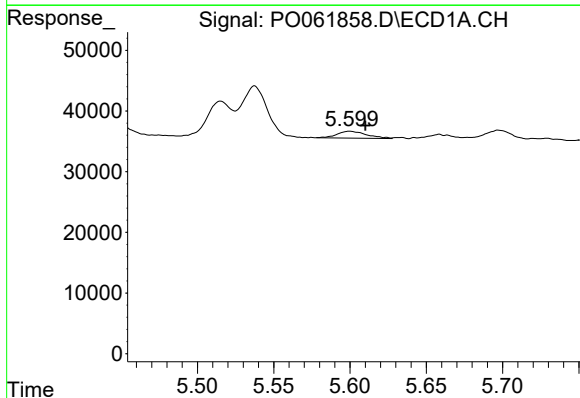
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 96402
Conc: 47.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



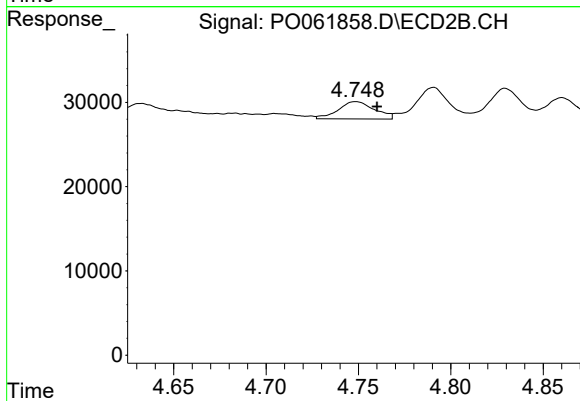
#17 AR-1242-2

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 82491
Conc: 58.50 ng/ml



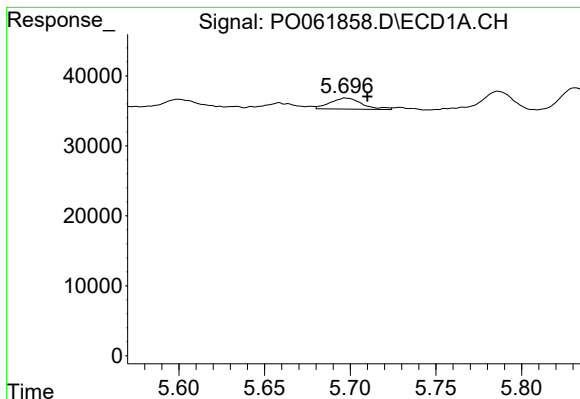
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.010 min
Response: 15110
Conc: 11.97 ng/ml



#18 AR-1242-3

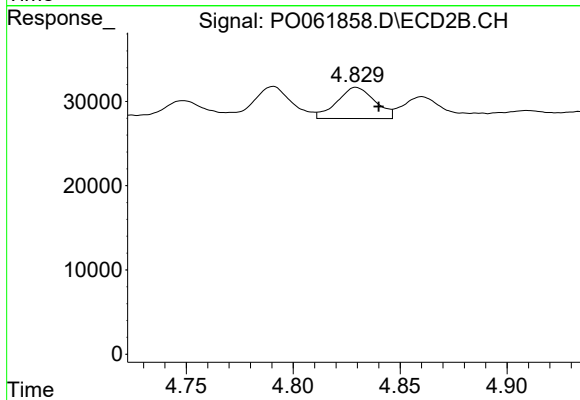
R.T.: 4.749 min
Delta R.T.: -0.011 min
Response: 28269
Conc: 36.20 ng/ml



#19 AR-1242-4

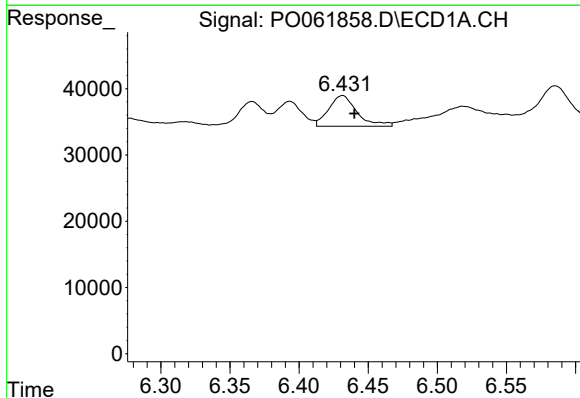
R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 20326
Conc: 19.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



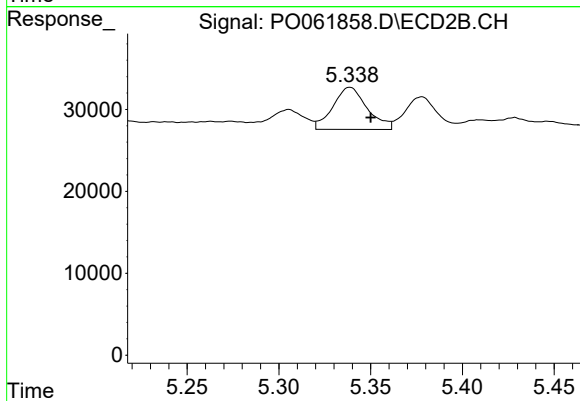
#19 AR-1242-4

R.T.: 4.829 min
Delta R.T.: -0.011 min
Response: 45747
Conc: 55.75 ng/ml



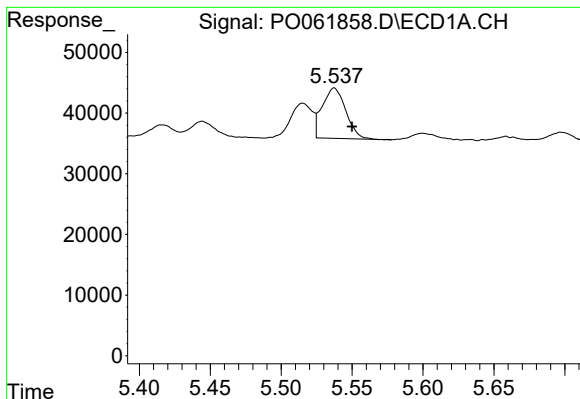
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 66364
Conc: 49.62 ng/ml



#20 AR-1242-5

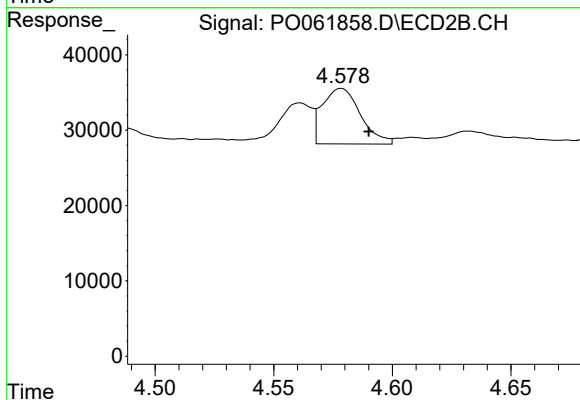
R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 66917
Conc: 62.47 ng/ml



#21 AR-1248-1

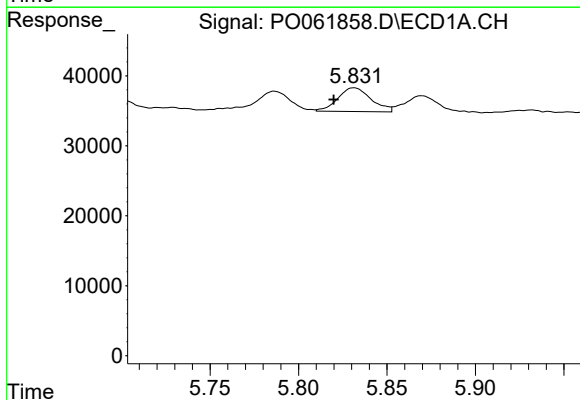
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 96402
Conc: 82.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



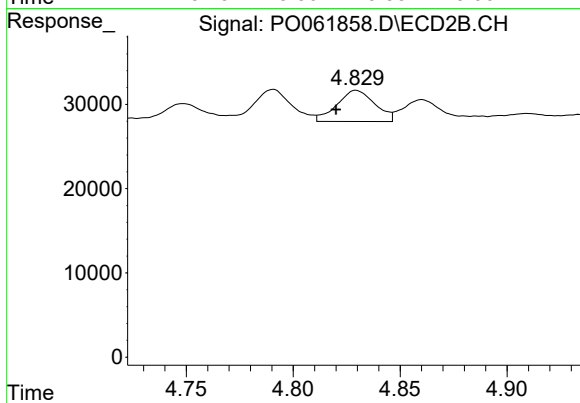
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 82491
Conc: 92.19 ng/ml



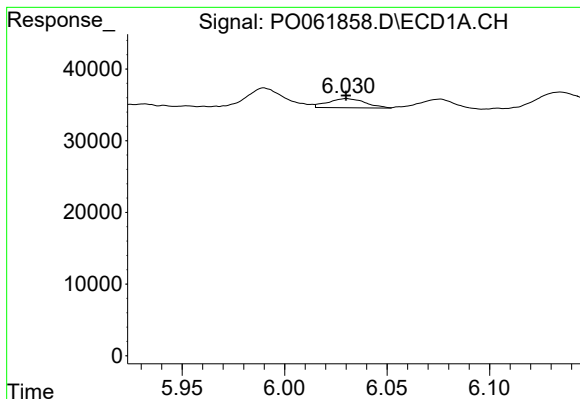
#22 AR-1248-2

R.T.: 5.831 min
Delta R.T.: 0.011 min
Response: 44199
Conc: 26.20 ng/ml



#22 AR-1248-2

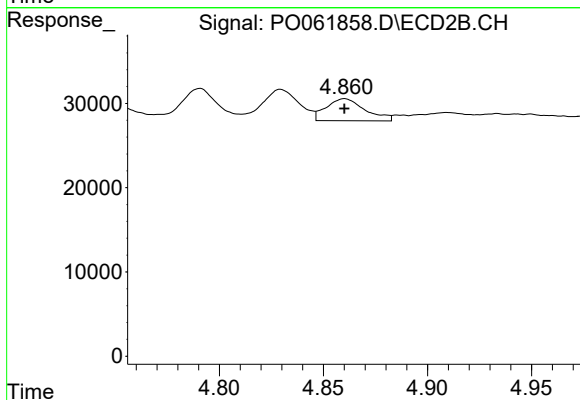
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 45747
Conc: 38.83 ng/ml



#23 AR-1248-3

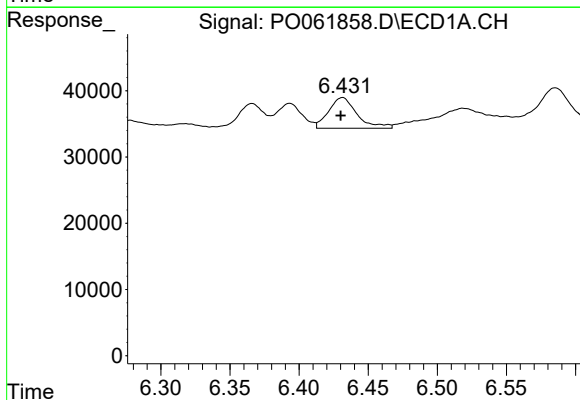
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 16209
Conc: 8.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



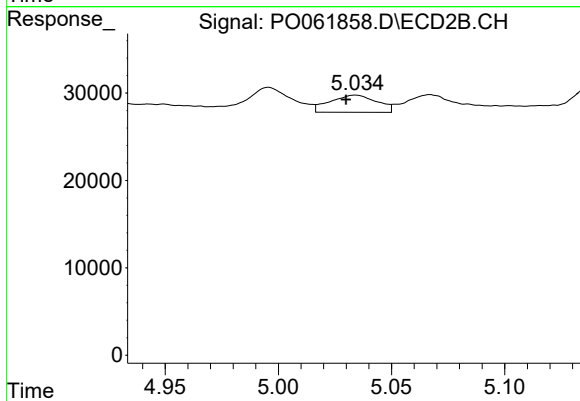
#23 AR-1248-3

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 34143
Conc: 27.51 ng/ml



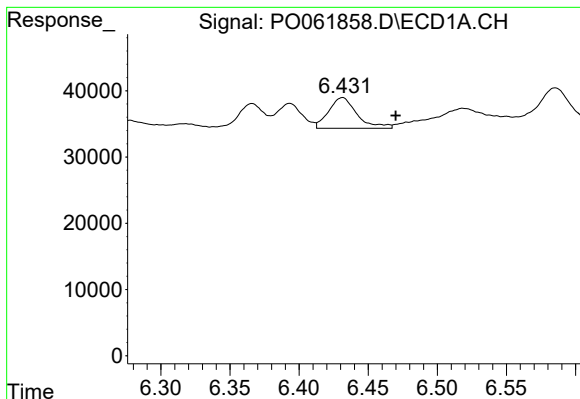
#24 AR-1248-4

R.T.: 6.431 min
Delta R.T.: 0.001 min
Response: 66364
Conc: 28.09 ng/ml



#24 AR-1248-4

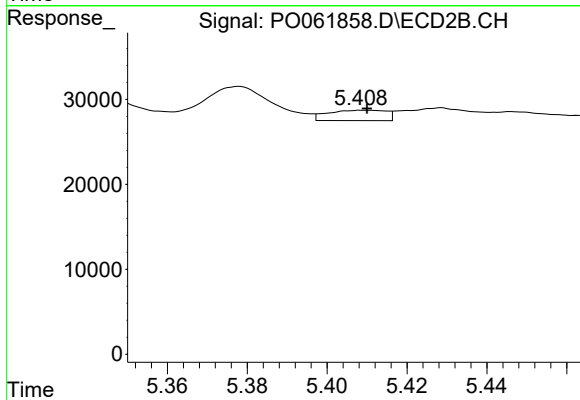
R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 28241
Conc: 18.79 ng/ml



#25 AR-1248-5

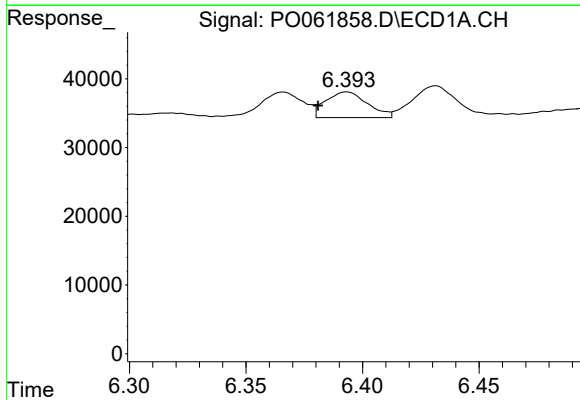
R.T.: 6.431 min
Delta R.T.: -0.039 min
Response: 66364
Conc: 29.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



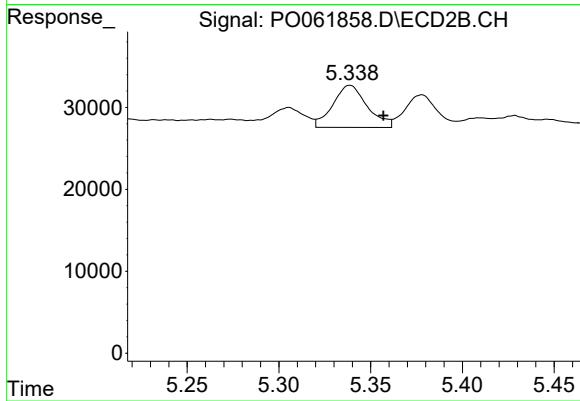
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 12369
Conc: 8.06 ng/ml



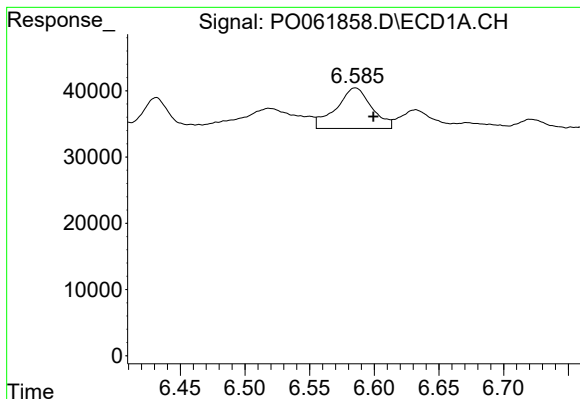
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 46930
Conc: 20.57 ng/ml



#26 AR-1254-1

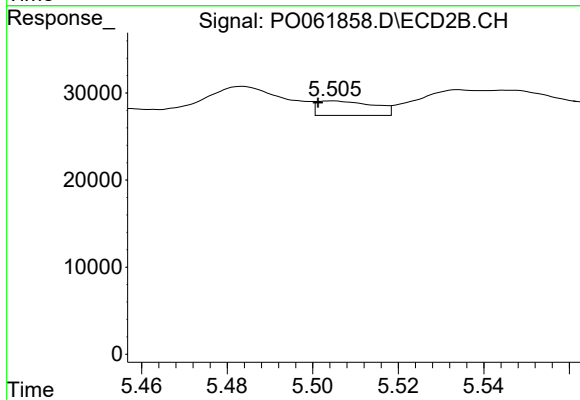
R.T.: 5.339 min
Delta R.T.: -0.018 min
Response: 66917
Conc: 30.51 ng/ml



#27 AR-1254-2

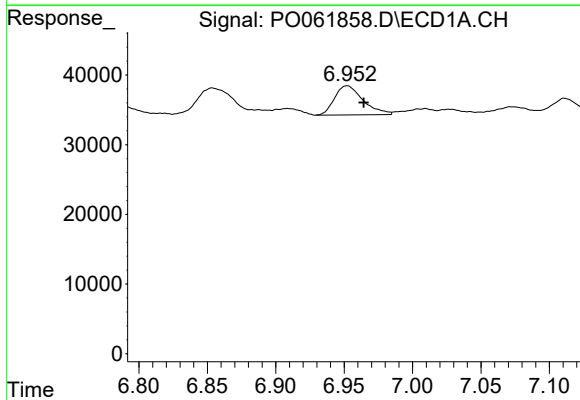
R.T.: 6.585 min
Delta R.T.: -0.014 min
Response: 117059
Conc: 32.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



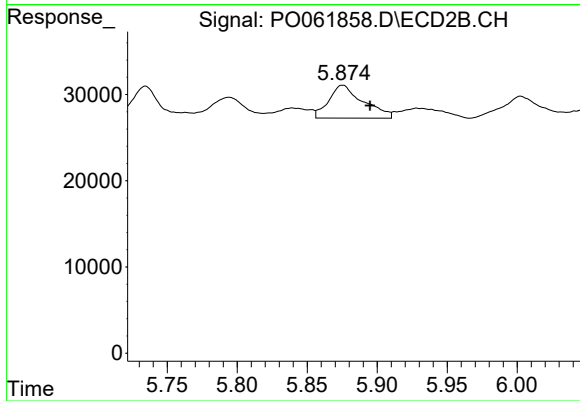
#27 AR-1254-2

R.T.: 5.505 min
Delta R.T.: 0.004 min
Response: 15335
Conc: 7.82 ng/ml



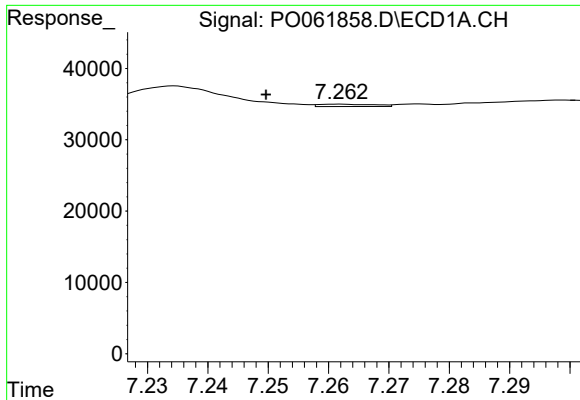
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.012 min
Response: 60722
Conc: 15.54 ng/ml



#28 AR-1254-3

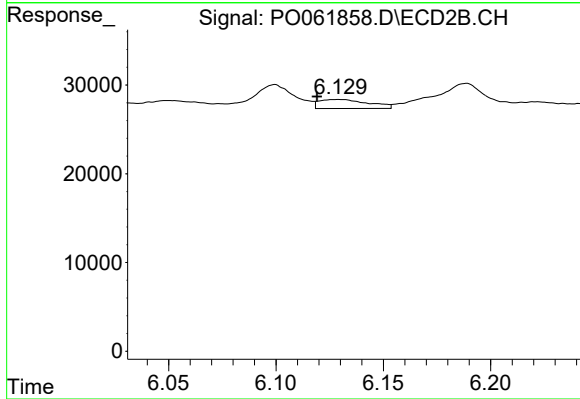
R.T.: 5.875 min
Delta R.T.: -0.020 min
Response: 65265
Conc: 20.50 ng/ml



#29 AR-1254-4

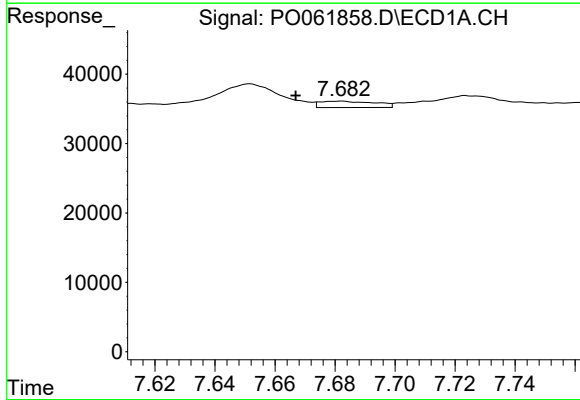
R.T.: 7.262 min
Delta R.T.: 0.012 min
Response: 2105
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



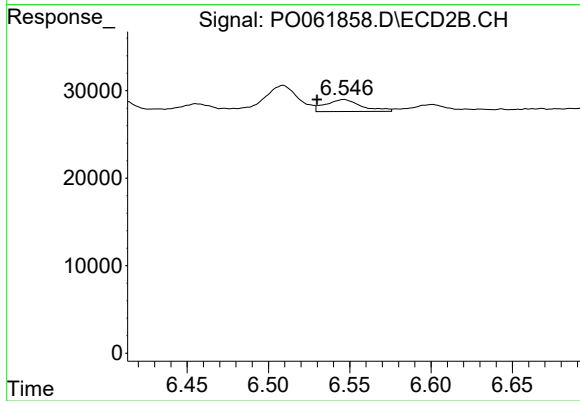
#29 AR-1254-4

R.T.: 6.129 min
Delta R.T.: 0.010 min
Response: 16296
Conc: 8.03 ng/ml



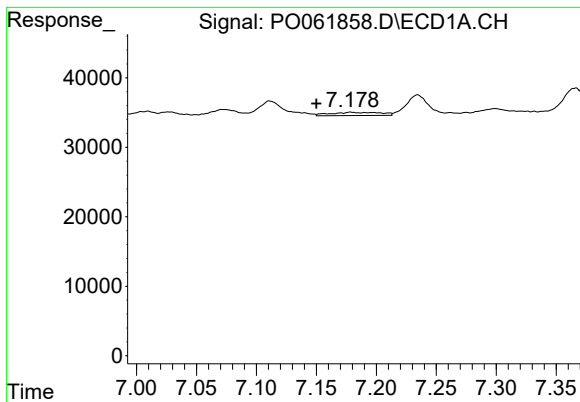
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.015 min
Response: 11680
Conc: 3.72 ng/ml



#30 AR-1254-5

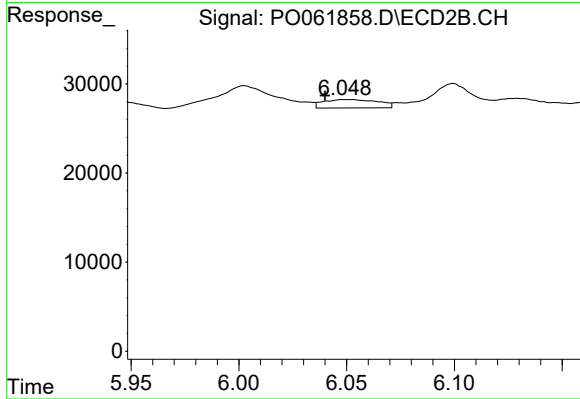
R.T.: 6.546 min
Delta R.T.: 0.016 min
Response: 21001
Conc: 7.42 ng/ml



#31 AR-1260-1

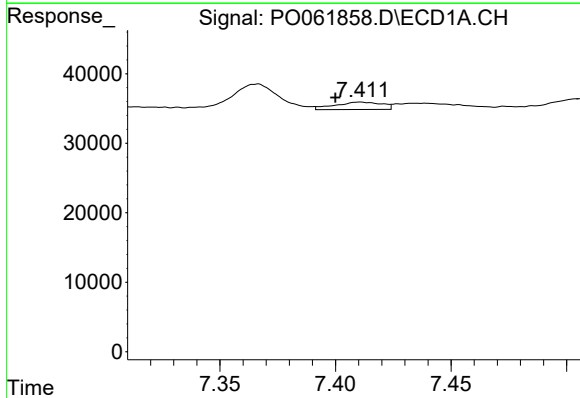
R.T.: 7.179 min
Delta R.T.: 0.029 min
Response: 13649
Conc: 5.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



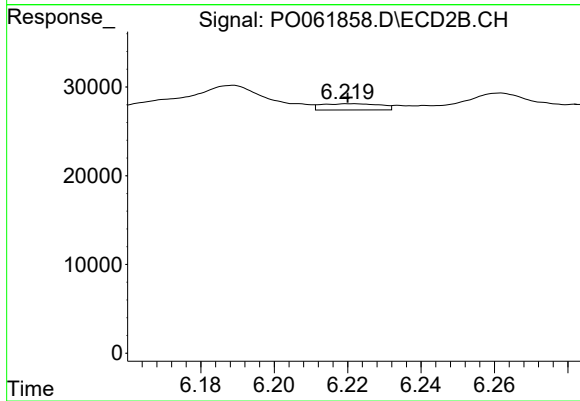
#31 AR-1260-1

R.T.: 6.049 min
Delta R.T.: 0.009 min
Response: 16625
Conc: 8.15 ng/ml



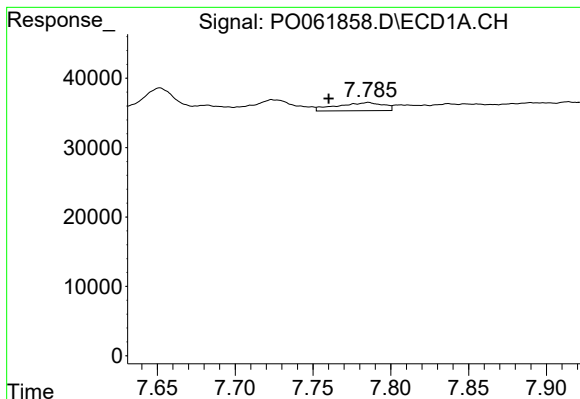
#32 AR-1260-2

R.T.: 7.410 min
Delta R.T.: 0.010 min
Response: 15209
Conc: 4.77 ng/ml



#32 AR-1260-2

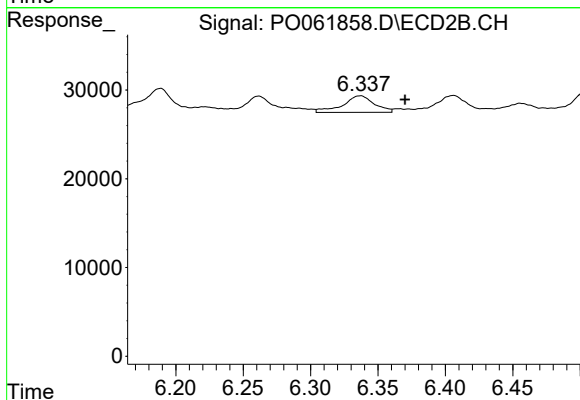
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 7835
Conc: 3.26 ng/ml



#33 AR-1260-3

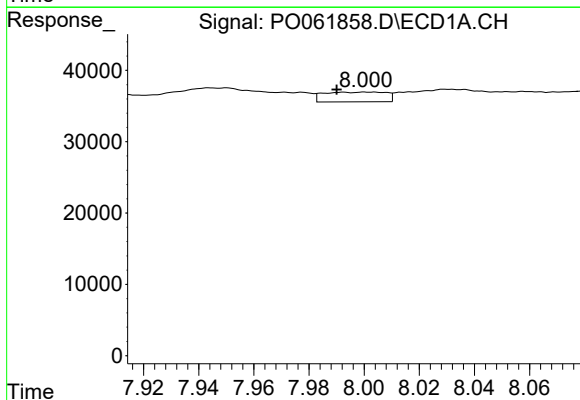
R.T.: 7.785 min
Delta R.T.: 0.026 min
Response: 24219
Conc: 10.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



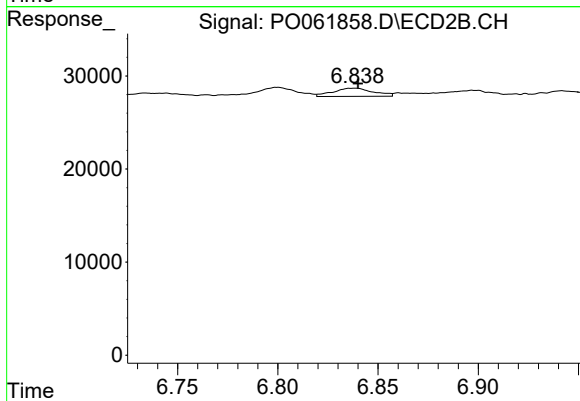
#33 AR-1260-3

R.T.: 6.337 min
Delta R.T.: -0.033 min
Response: 30502
Conc: 13.54 ng/ml



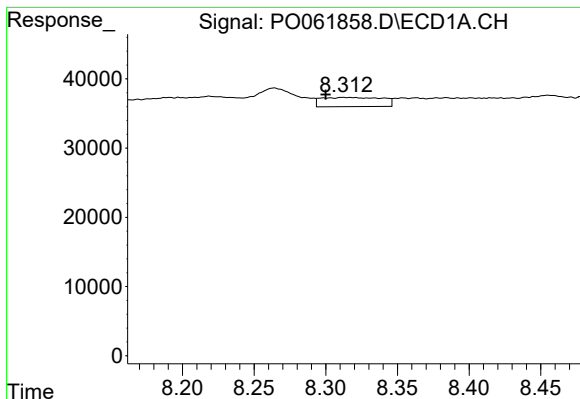
#34 AR-1260-4

R.T.: 7.992 min
Delta R.T.: 0.002 min
Response: 21333
Conc: 7.98 ng/ml



#34 AR-1260-4

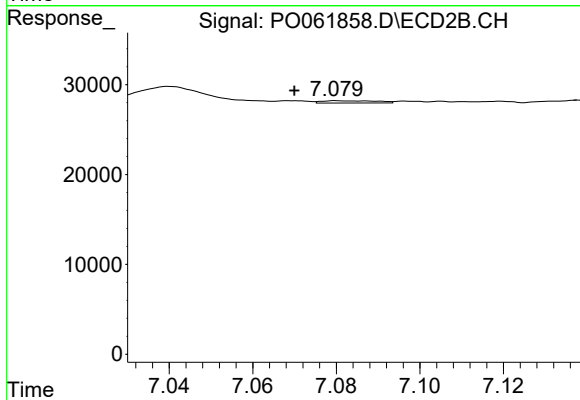
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 12284
Conc: 6.65 ng/ml



#35 AR-1260-5

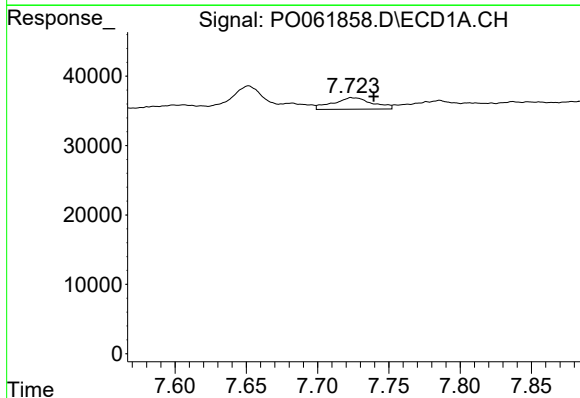
R.T.: 8.312 min
Delta R.T.: 0.012 min
Response: 39406
Conc: 7.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



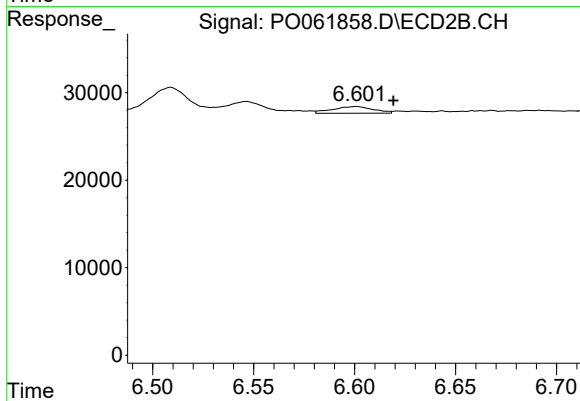
#35 AR-1260-5

R.T.: 7.080 min
Delta R.T.: 0.010 min
Response: 2284
Conc: 0.59 ng/ml



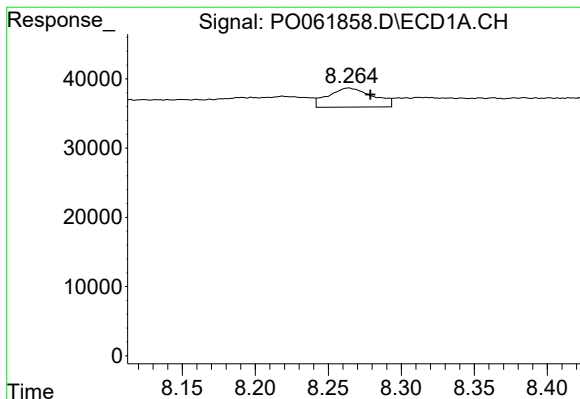
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: -0.015 min
Response: 31806
Conc: 8.30 ng/ml



#36 AR-1262-1

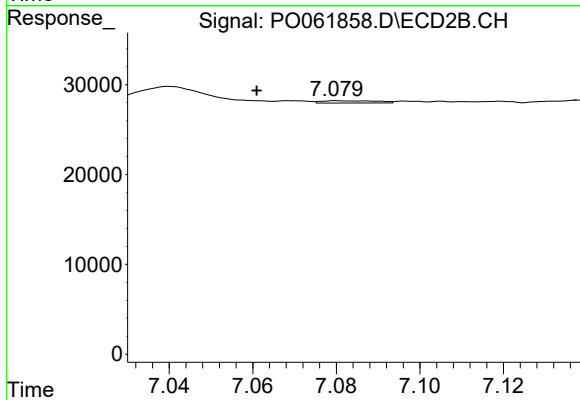
R.T.: 6.601 min
Delta R.T.: -0.018 min
Response: 10696
Conc: 8.76 ng/ml



#37 AR-1262-2

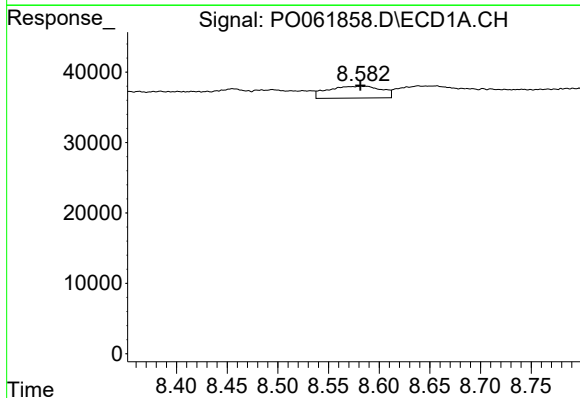
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 58683
Conc: 9.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



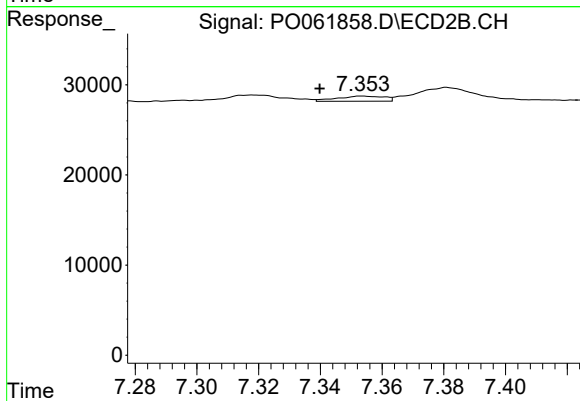
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: 0.019 min
Response: 2284
Conc: 0.50 ng/ml



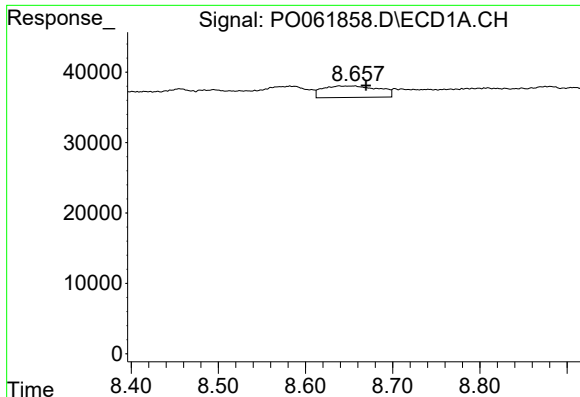
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 61851
Conc: 14.88 ng/ml



#38 AR-1262-3

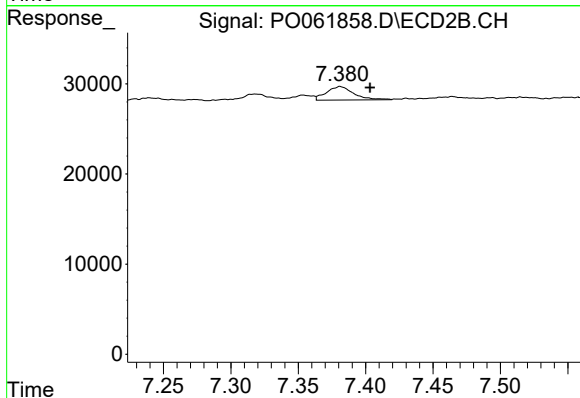
R.T.: 7.353 min
Delta R.T.: 0.014 min
Response: 6030
Conc: 3.20 ng/ml



#39 AR-1262-4

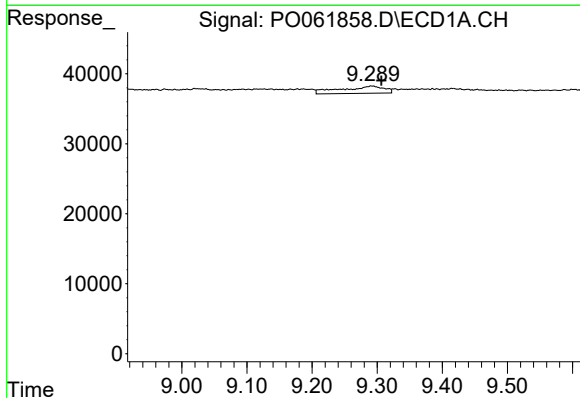
R.T.: 8.656 min
Delta R.T.: -0.013 min
Response: 72384
Conc: 22.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



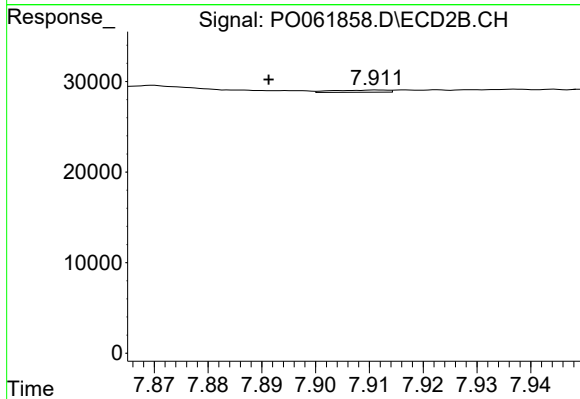
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 21166
Conc: 6.30 ng/ml



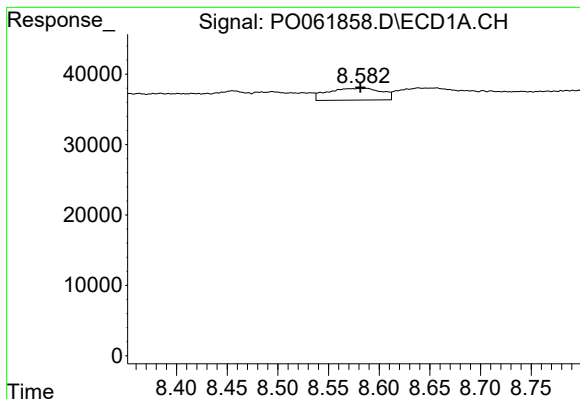
#40 AR-1262-5

R.T.: 9.291 min
Delta R.T.: -0.016 min
Response: 47732
Conc: 23.47 ng/ml



#40 AR-1262-5

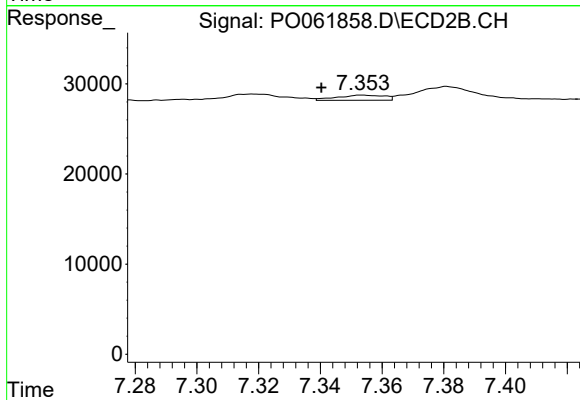
R.T.: 7.912 min
Delta R.T.: 0.020 min
Response: 1731
Conc: 1.14 ng/ml



#41 AR-1268-1

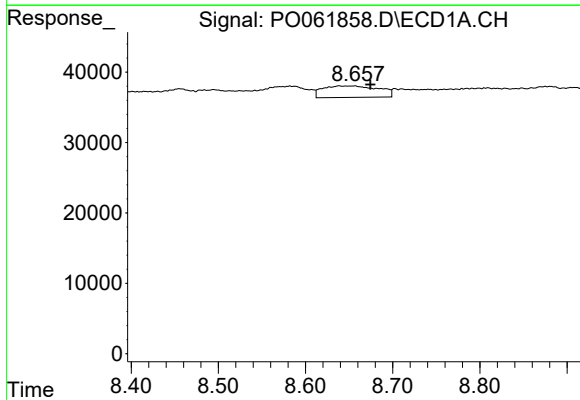
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 61851
Conc: 9.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



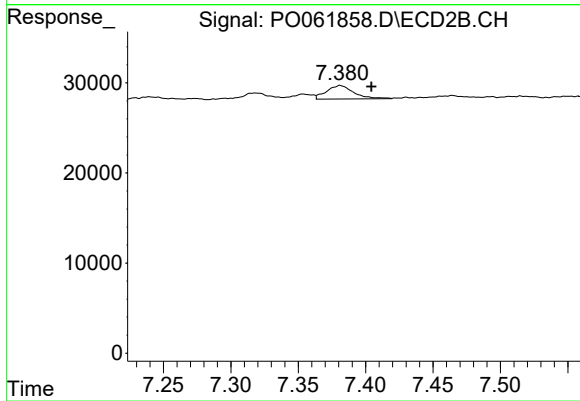
#41 AR-1268-1

R.T.: 7.353 min
Delta R.T.: 0.013 min
Response: 6030
Conc: 1.25 ng/ml



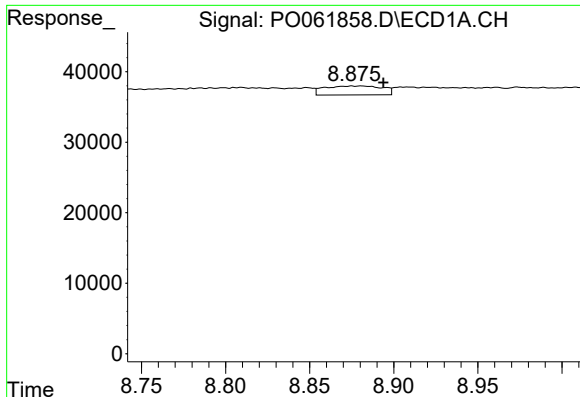
#42 AR-1268-2

R.T.: 8.656 min
Delta R.T.: -0.018 min
Response: 72384
Conc: 11.69 ng/ml



#42 AR-1268-2

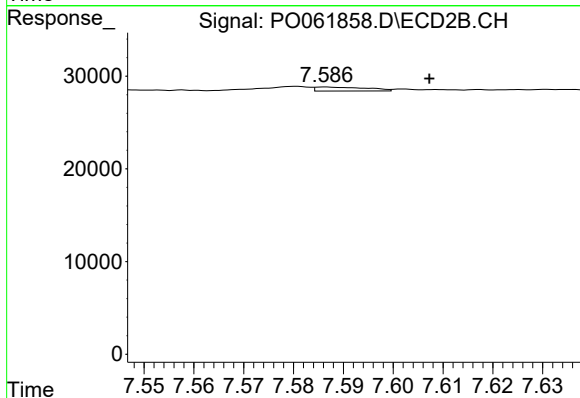
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 21166
Conc: 4.91 ng/ml



#43 AR-1268-3

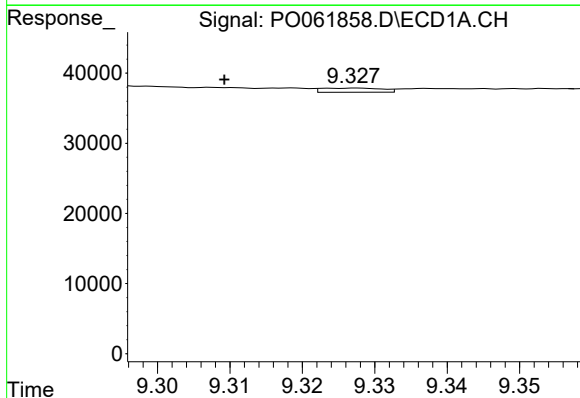
R.T.: 8.881 min
Delta R.T.: -0.013 min
Response: 30504
Conc: 5.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



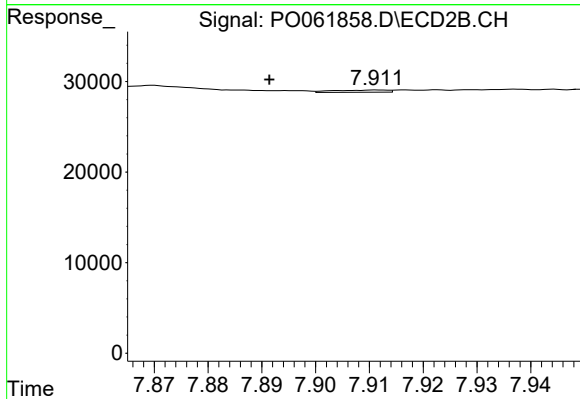
#43 AR-1268-3

R.T.: 7.587 min
Delta R.T.: -0.021 min
Response: 3071
Conc: 0.86 ng/ml



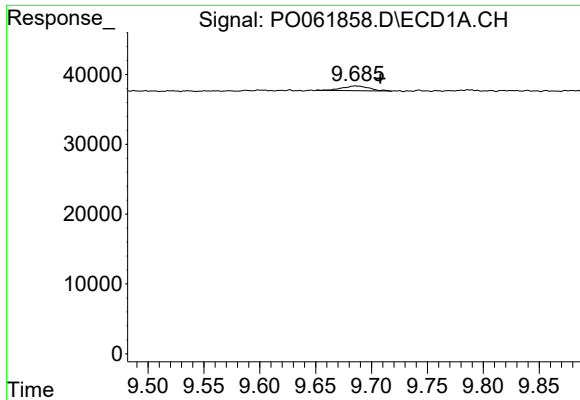
#44 AR-1268-4

R.T.: 9.327 min
Delta R.T.: 0.018 min
Response: 3431
Conc: 1.57 ng/ml



#44 AR-1268-4

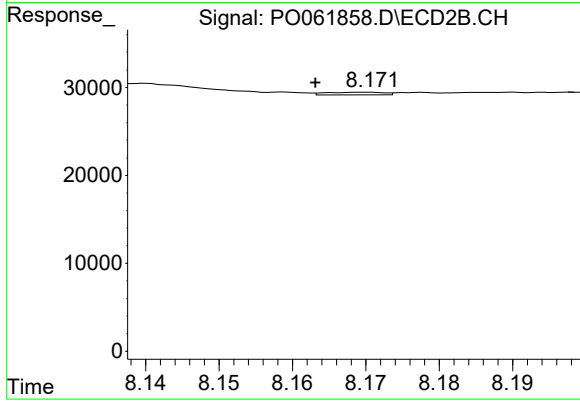
R.T.: 7.912 min
Delta R.T.: 0.020 min
Response: 1731
Conc: 1.08 ng/ml



#45 AR-1268-5

R.T.: 9.686 min
Delta R.T.: -0.022 min
Response: 11498
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.170 min
Delta R.T.: 0.007 min
Response: 1659
Conc: 0.16 ng/ml