

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061800.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 20:10
 Operator : HP/AJ
 Sample : K5231-09RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:20:49 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...	4.361	3.522	842405	637910	20.539	19.725
2)	SA Decachlor...	10.021	8.382	399866	268588	8.586	8.296
Target Compounds							
3)	L1 AR-1016-1	5.548	4.587	14373	14808	7.838	11.012 #
4)	L1 AR-1016-2	5.548	4.615	14373	3037	5.561	1.638 #
5)	L1 AR-1016-3	5.644	4.769	7211	12379	4.489	12.358 #
6)	L1 AR-1016-4	5.743	4.838	15017	60457	11.233	69.767 #
7)	L1 AR-1016-5	6.040	5.043	16302	22590	11.887	19.791 #
8)	L2 AR-1221-1	4.557	3.737	19759	6432	42.743	16.243 #
9)	L2 AR-1221-2	4.666	3.809	21819	24732	60.775	80.197 #
10)	L2 AR-1221-3	4.762	3.896	56454	20298	49.585	22.253 #
11)	L3 AR-1232-1	4.762	3.896	56454	20298	40.370	18.078 #
12)	L3 AR-1232-2	5.239	4.587	32509	14808	41.436	12.131 #
13)	L3 AR-1232-3	5.548	4.769	14373	12379	8.412	18.749 #
14)	L3 AR-1232-4	5.705	4.838	7240	60457	8.182	95.910 #
15)	L3 AR-1232-5	5.795	5.005	148446	75941	214.106	110.676 #
16)	L4 AR-1242-1	5.526	4.565	10252	10131	7.219	9.889 #
17)	L4 AR-1242-2	5.548	4.587	14373	14808	7.151	10.500 #
18)	L4 AR-1242-3	5.602	4.769	11008	12379	8.724	15.853 #
19)	L4 AR-1242-4	5.705	4.838	7240	60457	6.890	73.674 #
20)	L4 AR-1242-5	6.442	5.348	144610	326694	108.120	304.967 #
21)	L5 AR-1248-1	5.548	4.587	14373	14808	12.234	16.549 #
22)	L5 AR-1248-2	5.840	4.838	75291	60457	44.626	51.310
23)	L5 AR-1248-3	6.040	4.869	16302	23892	8.723	19.248 #
24)	L5 AR-1248-4	6.442	5.043	144610	22590	61.202	15.027 #
25)	L5 AR-1248-5	6.442	5.420	144610	53533	63.777	34.894 #
26)	L6 AR-1254-1	6.374	5.348	407588	326694	178.657	148.952
27)	L6 AR-1254-2	6.592	5.493	631678	330547	174.831	168.604
28)	L6 AR-1254-3	6.957	5.885	709644	586535	181.618	184.228
29)	L6 AR-1254-4	7.242	6.110	398289	254474	131.508	125.428
30)	L6 AR-1254-5	7.660	6.519	553826	494108	176.355	174.691
31)	L7 AR-1260-1	7.119	6.063	298739	51789	114.436	25.389 #
32)	L7 AR-1260-2	7.419	6.198	182483	258923	57.241	107.807 #
33)	L7 AR-1260-3	7.792	6.346	58685	220625	24.433	97.920 #
34)	L7 AR-1260-4	8.011	6.847	17298	127248	6.474	68.924 #
35)	L7 AR-1260-5	8.327	7.080	14550	19577	2.940	5.028 #
36)	L8 AR-1262-1	7.726	6.608	92651	29424	24.181	24.105
37)	L8 AR-1262-2	8.272	7.049	114734	86946	18.481	18.909
38)	L8 AR-1262-3	8.592	7.328	77199	18522	18.574	9.832 #
39)	L8 AR-1262-4	8.660	7.390	19696	73166	6.239	21.771 #
40)	L8 AR-1262-5	9.301	7.878	46245	16827	22.740	11.100 #
41)	L9 AR-1268-1	8.592	7.328	77199	18522	11.480	3.835 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061800.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 20:10
 Operator : HP/AJ
 Sample : K5231-09RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

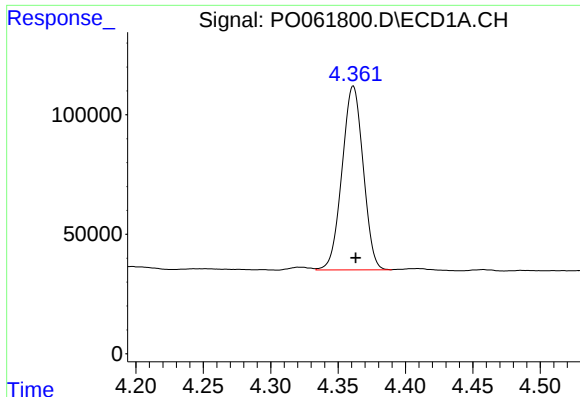
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:20:49 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	8.660	7.390	19696	73166	3.181	16.977 #
43) L9	AR-1268-3	8.886	7.593	13136	10937	2.570	3.051
44) L9	AR-1268-4	9.301	7.878	46245	16827	21.149	10.455 #
45) L9	AR-1268-5	9.702	8.151	27365	32473	1.822	3.229 #

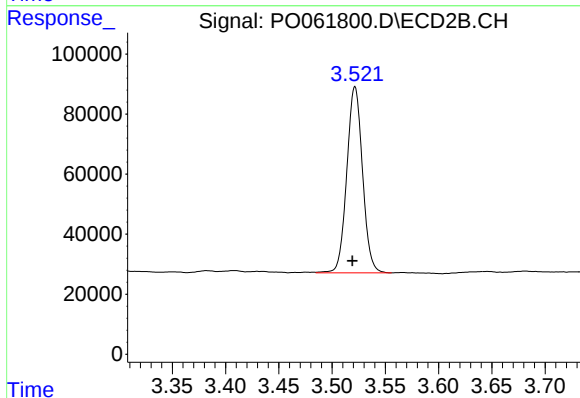
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

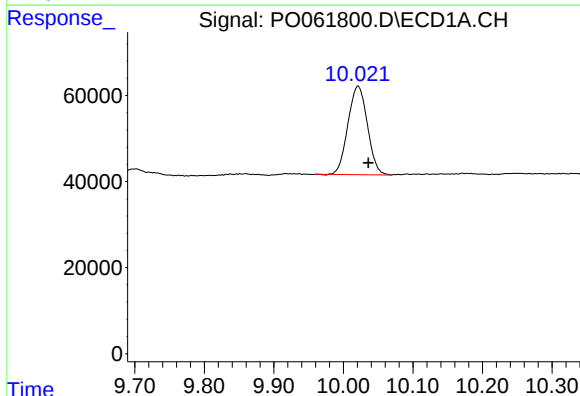
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 842405
Conc: 20.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



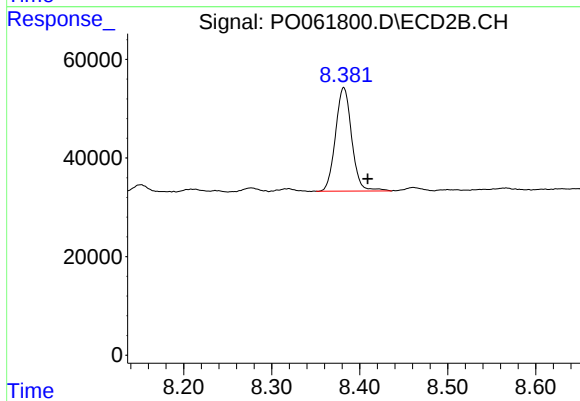
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 637910
Conc: 19.73 ng/ml



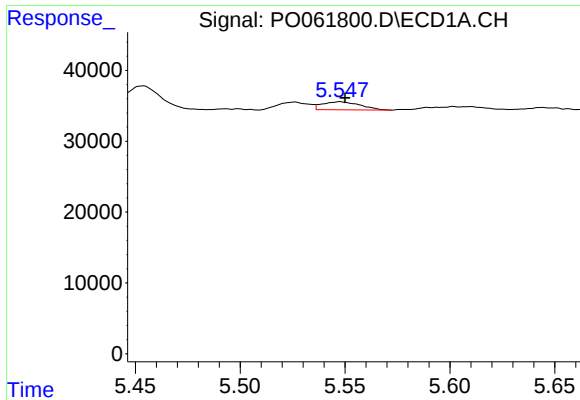
#2 Decachlorobiphenyl

R.T.: 10.021 min
Delta R.T.: -0.015 min
Response: 399866
Conc: 8.59 ng/ml



#2 Decachlorobiphenyl

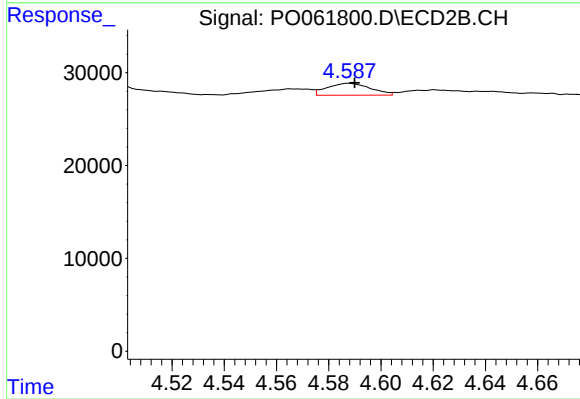
R.T.: 8.382 min
Delta R.T.: -0.027 min
Response: 268588
Conc: 8.30 ng/ml



#3 AR-1016-1

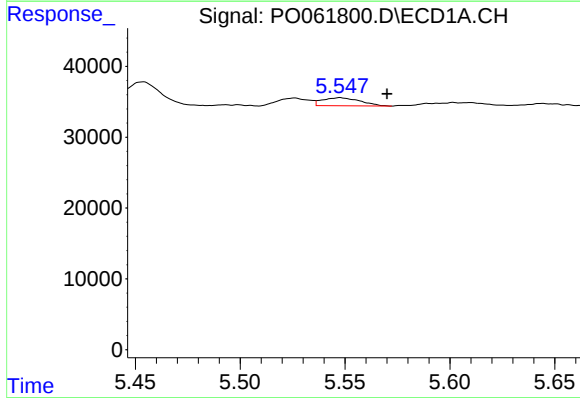
R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 14373
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



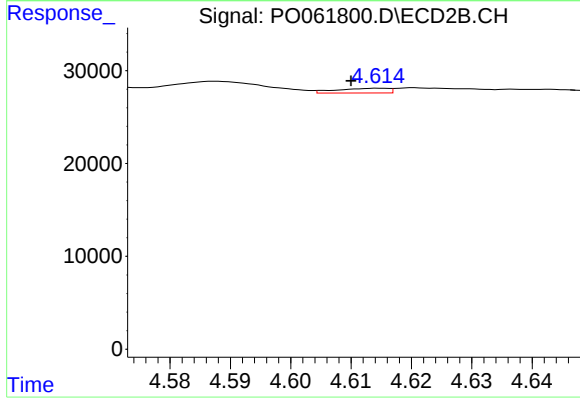
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 14808
Conc: 11.01 ng/ml



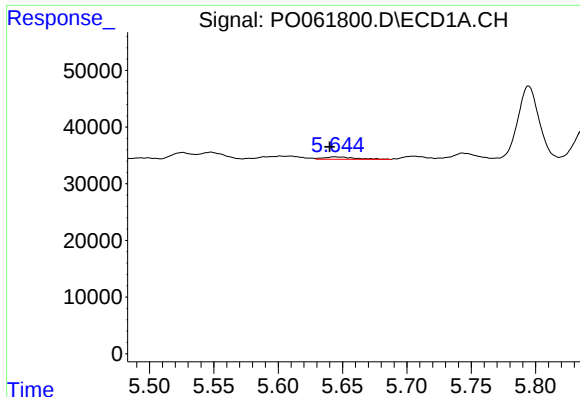
#4 AR-1016-2

R.T.: 5.548 min
Delta R.T.: -0.022 min
Response: 14373
Conc: 5.56 ng/ml



#4 AR-1016-2

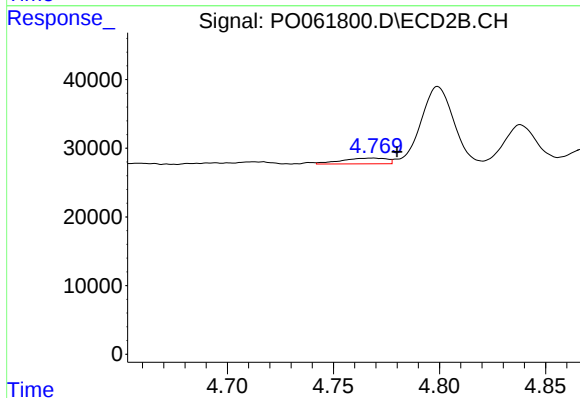
R.T.: 4.615 min
Delta R.T.: 0.005 min
Response: 3037
Conc: 1.64 ng/ml



#5 AR-1016-3

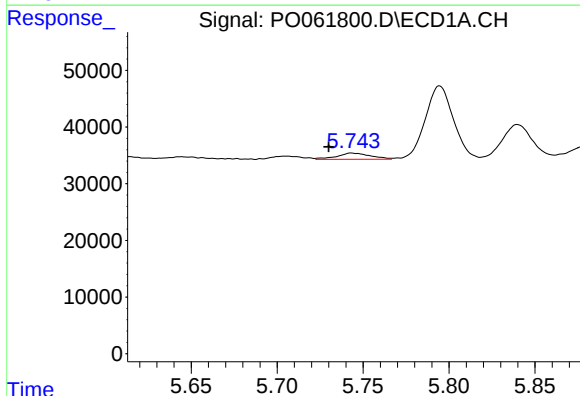
R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 7211
Conc: 4.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



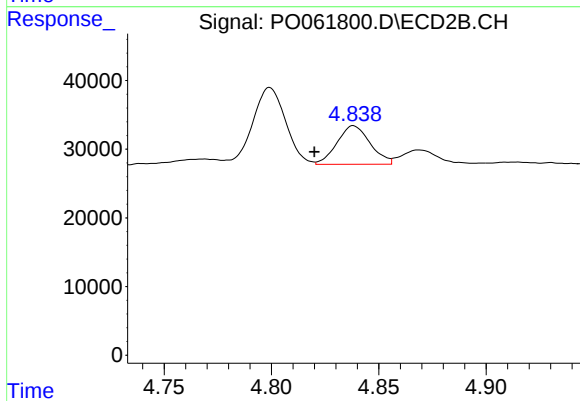
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: -0.011 min
Response: 12379
Conc: 12.36 ng/ml



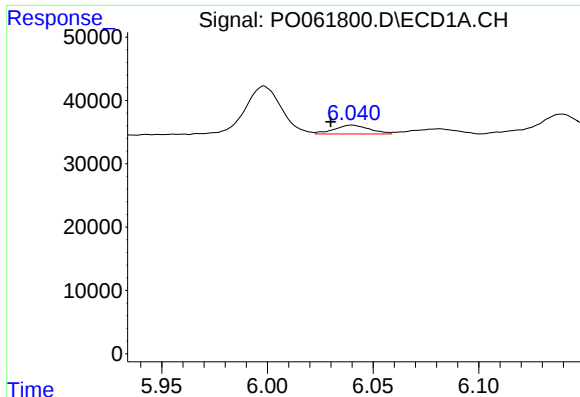
#6 AR-1016-4

R.T.: 5.743 min
Delta R.T.: 0.013 min
Response: 15017
Conc: 11.23 ng/ml



#6 AR-1016-4

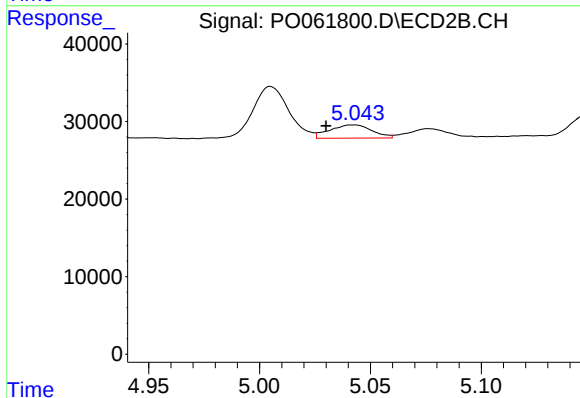
R.T.: 4.838 min
Delta R.T.: 0.018 min
Response: 60457
Conc: 69.77 ng/ml



#7 AR-1016-5

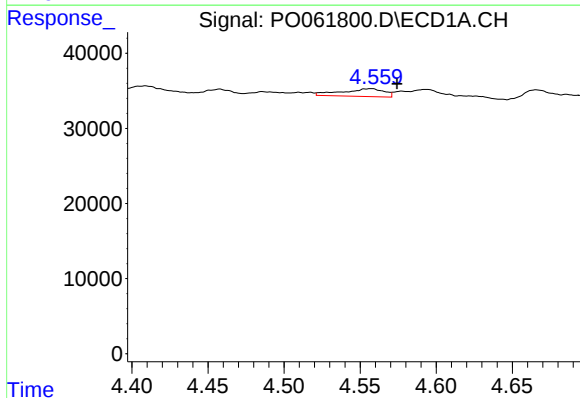
R.T.: 6.040 min
Delta R.T.: 0.010 min
Response: 16302
Conc: 11.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



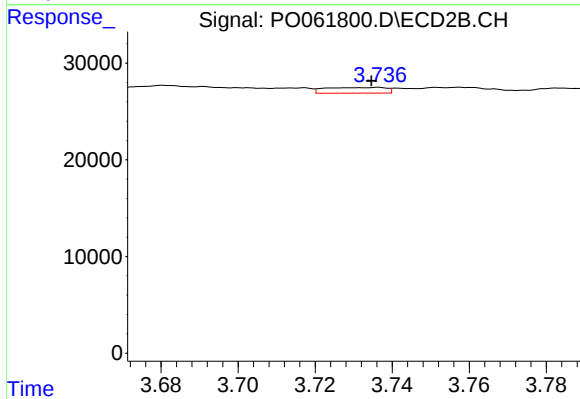
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.013 min
Response: 22590
Conc: 19.79 ng/ml



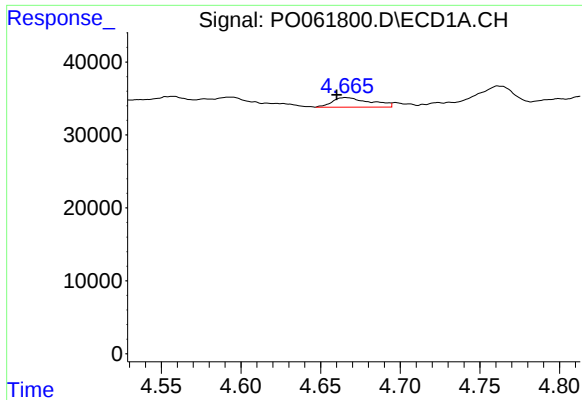
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.017 min
Response: 19759
Conc: 42.74 ng/ml



#8 AR-1221-1

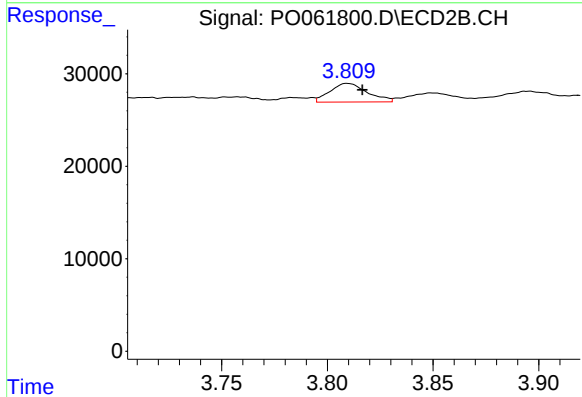
R.T.: 3.737 min
Delta R.T.: 0.002 min
Response: 6432
Conc: 16.24 ng/ml



#9 AR-1221-2

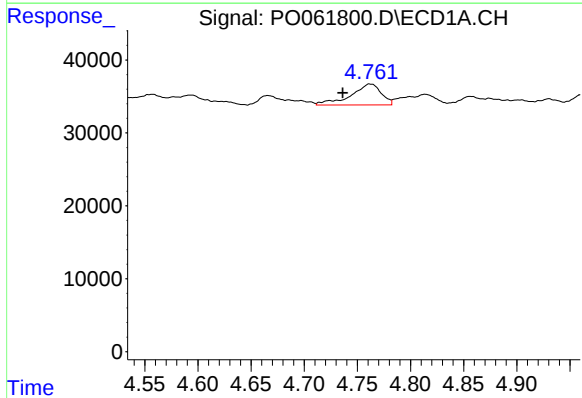
R.T.: 4.666 min
Delta R.T.: 0.006 min
Response: 21819
Conc: 60.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



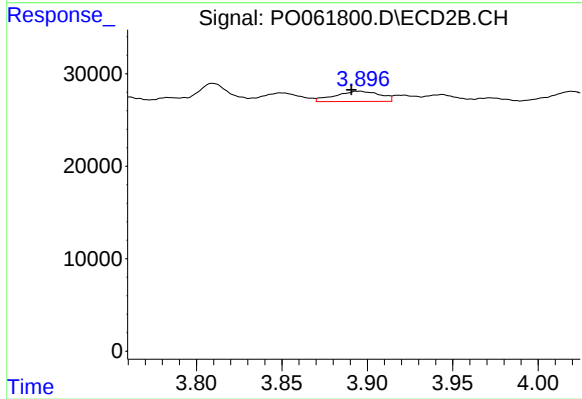
#9 AR-1221-2

R.T.: 3.809 min
Delta R.T.: -0.007 min
Response: 24732
Conc: 80.20 ng/ml



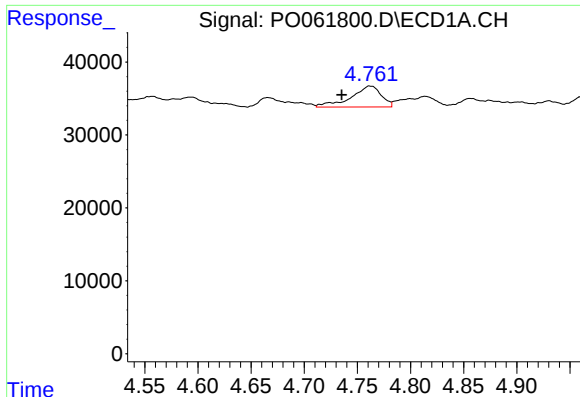
#10 AR-1221-3

R.T.: 4.762 min
Delta R.T.: 0.026 min
Response: 56454
Conc: 49.59 ng/ml



#10 AR-1221-3

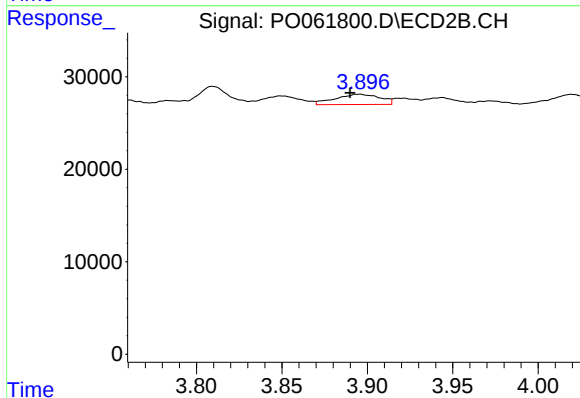
R.T.: 3.896 min
Delta R.T.: 0.006 min
Response: 20298
Conc: 22.25 ng/ml



#11 AR-1232-1

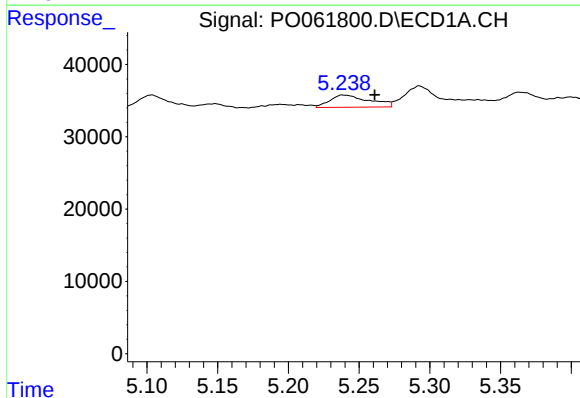
R.T.: 4.762 min
Delta R.T.: 0.026 min
Response: 56454
Conc: 40.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



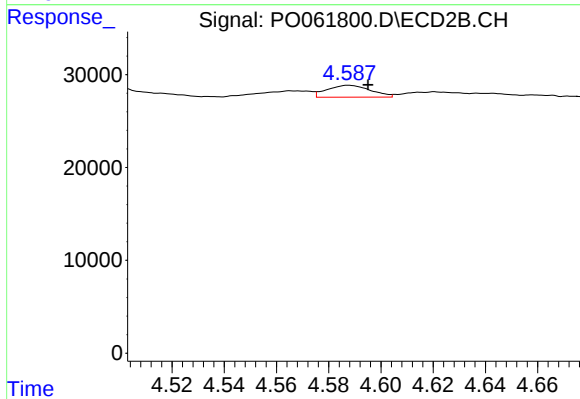
#11 AR-1232-1

R.T.: 3.896 min
Delta R.T.: 0.006 min
Response: 20298
Conc: 18.08 ng/ml



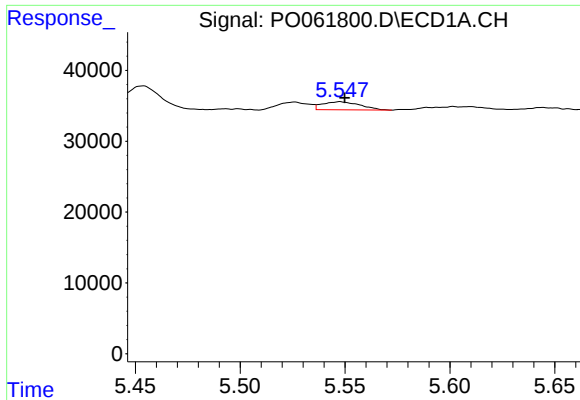
#12 AR-1232-2

R.T.: 5.239 min
Delta R.T.: -0.022 min
Response: 32509
Conc: 41.44 ng/ml



#12 AR-1232-2

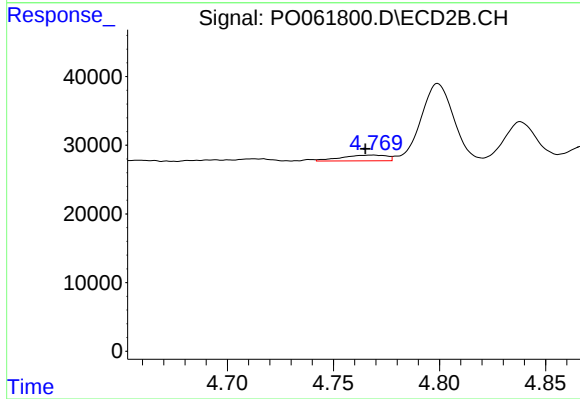
R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 14808
Conc: 12.13 ng/ml



#13 AR-1232-3

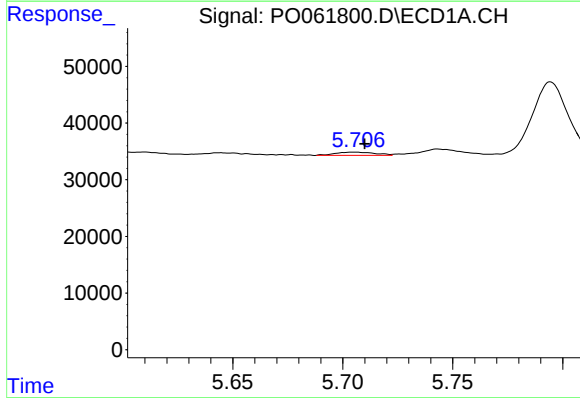
R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 14373
Conc: 8.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



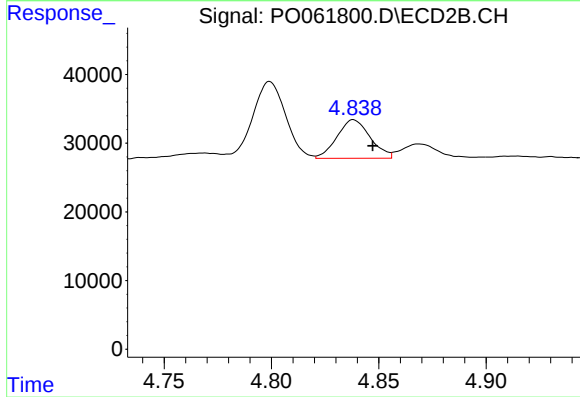
#13 AR-1232-3

R.T.: 4.769 min
Delta R.T.: 0.004 min
Response: 12379
Conc: 18.75 ng/ml



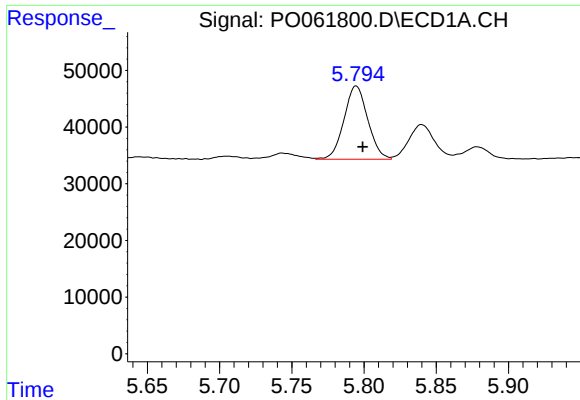
#14 AR-1232-4

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 7240
Conc: 8.18 ng/ml



#14 AR-1232-4

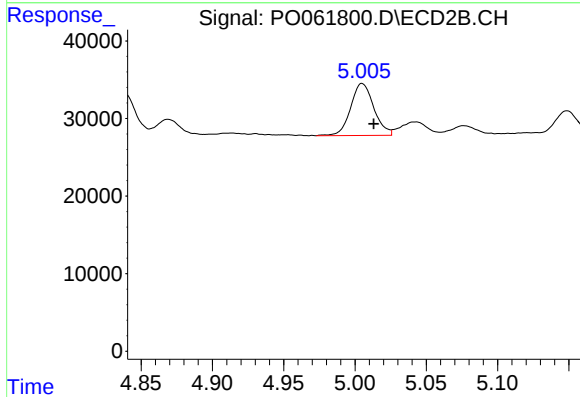
R.T.: 4.838 min
Delta R.T.: -0.009 min
Response: 60457
Conc: 95.91 ng/ml



#15 AR-1232-5

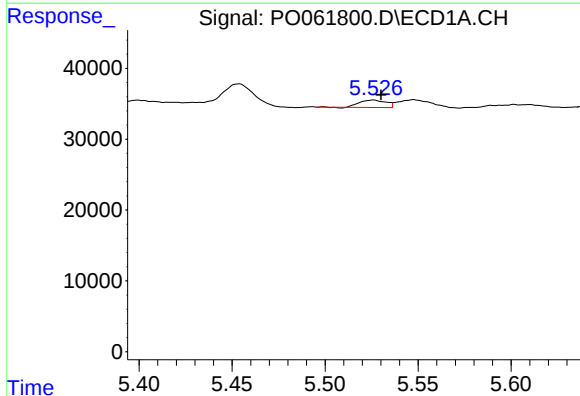
R.T.: 5.795 min
Delta R.T.: -0.004 min
Response: 148446
Conc: 214.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



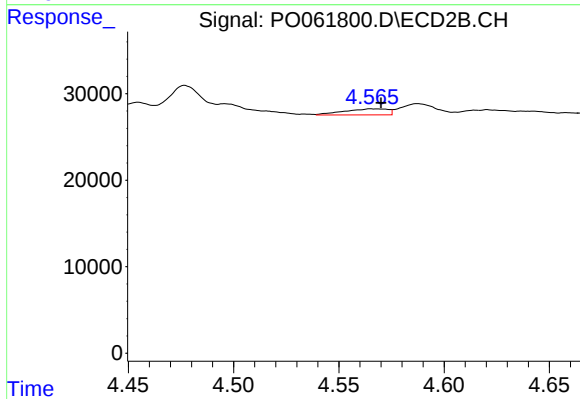
#15 AR-1232-5

R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 75941
Conc: 110.68 ng/ml



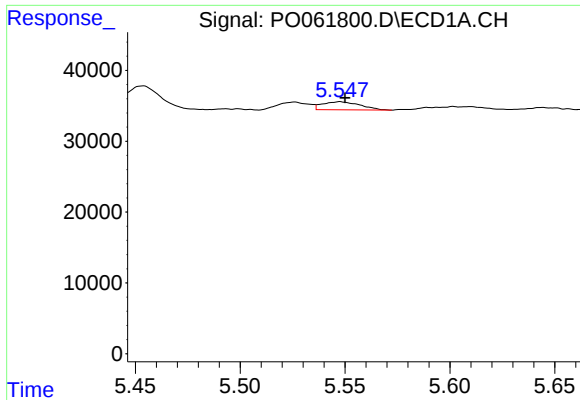
#16 AR-1242-1

R.T.: 5.526 min
Delta R.T.: -0.004 min
Response: 10252
Conc: 7.22 ng/ml



#16 AR-1242-1

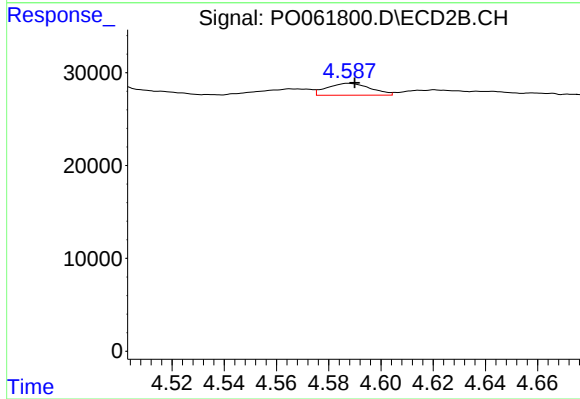
R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 10131
Conc: 9.89 ng/ml



#17 AR-1242-2

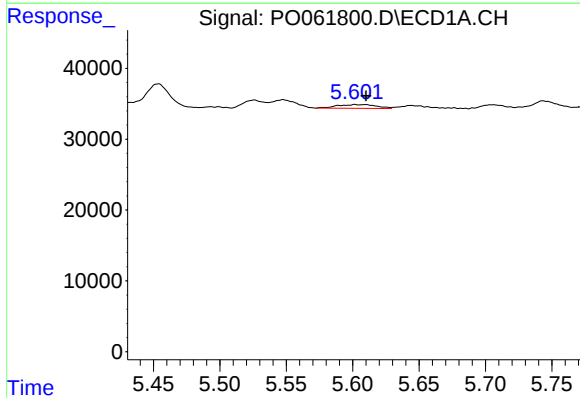
R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 14373
Conc: 7.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



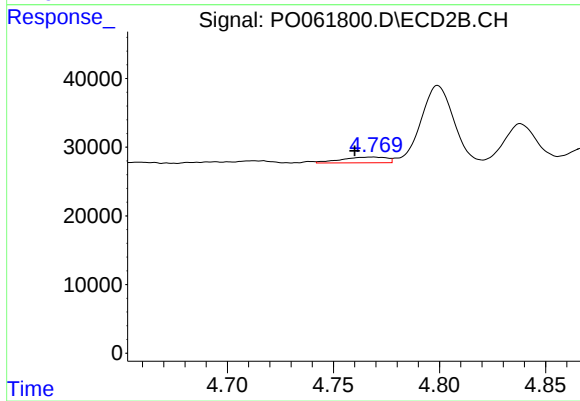
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 14808
Conc: 10.50 ng/ml



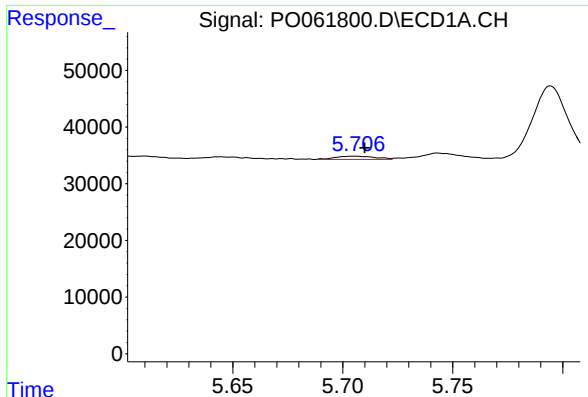
#18 AR-1242-3

R.T.: 5.602 min
Delta R.T.: -0.008 min
Response: 11008
Conc: 8.72 ng/ml



#18 AR-1242-3

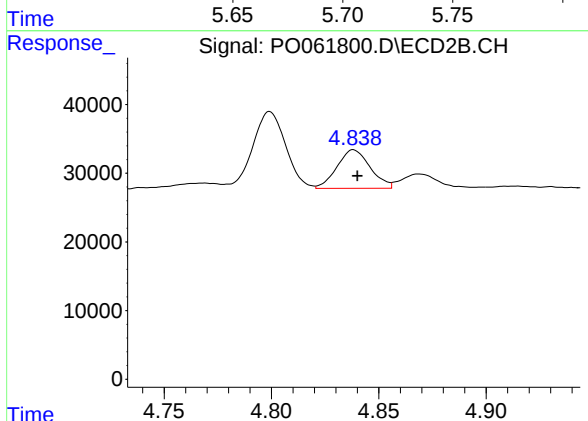
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 12379
Conc: 15.85 ng/ml



#19 AR-1242-4

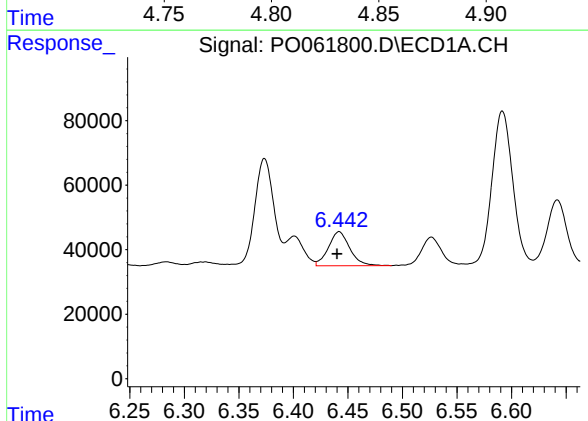
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 7240
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



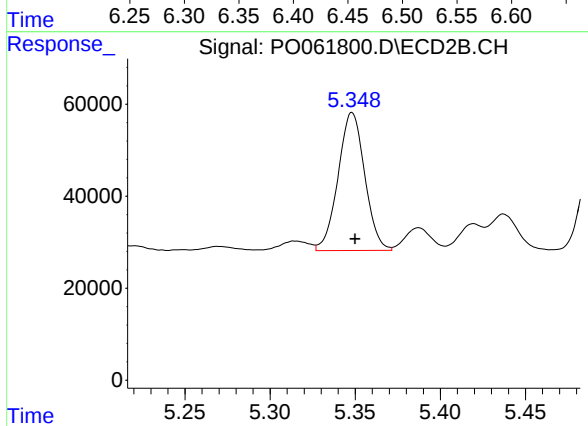
#19 AR-1242-4

R.T.: 4.838 min
Delta R.T.: -0.002 min
Response: 60457
Conc: 73.67 ng/ml



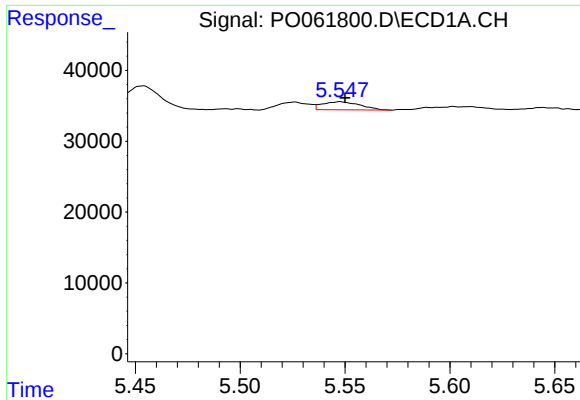
#20 AR-1242-5

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 144610
Conc: 108.12 ng/ml



#20 AR-1242-5

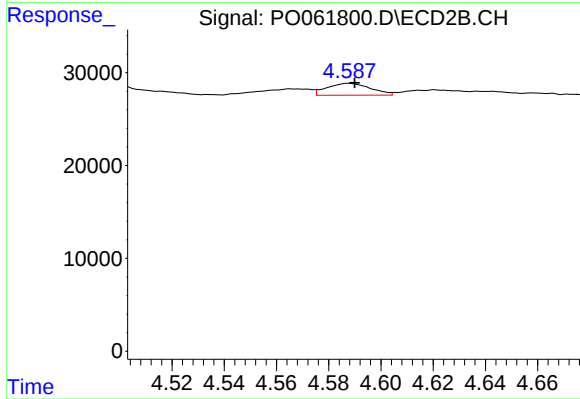
R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 326694
Conc: 304.97 ng/ml



#21 AR-1248-1

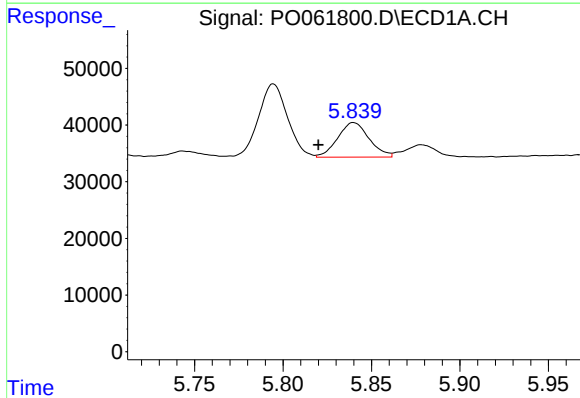
R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 14373
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



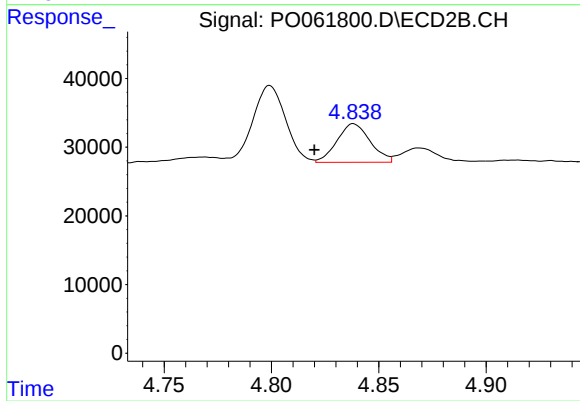
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 14808
Conc: 16.55 ng/ml



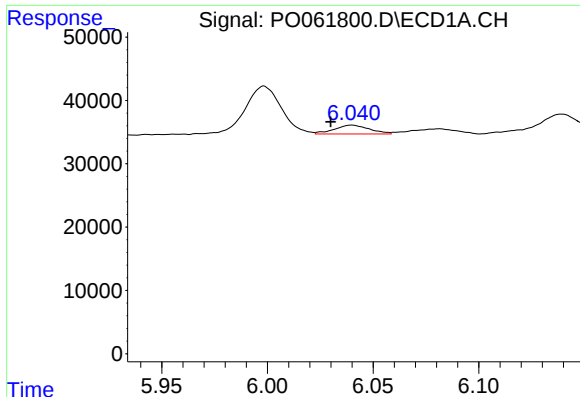
#22 AR-1248-2

R.T.: 5.840 min
Delta R.T.: 0.020 min
Response: 75291
Conc: 44.63 ng/ml



#22 AR-1248-2

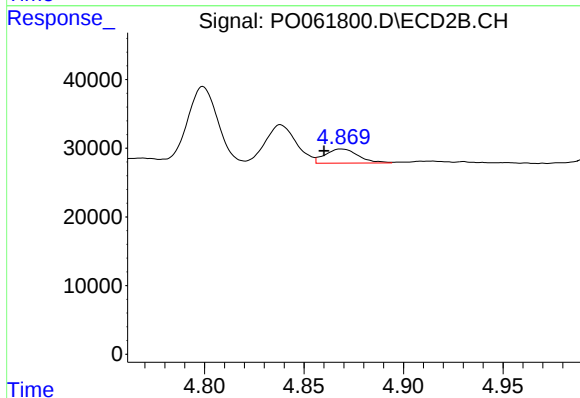
R.T.: 4.838 min
Delta R.T.: 0.018 min
Response: 60457
Conc: 51.31 ng/ml



#23 AR-1248-3

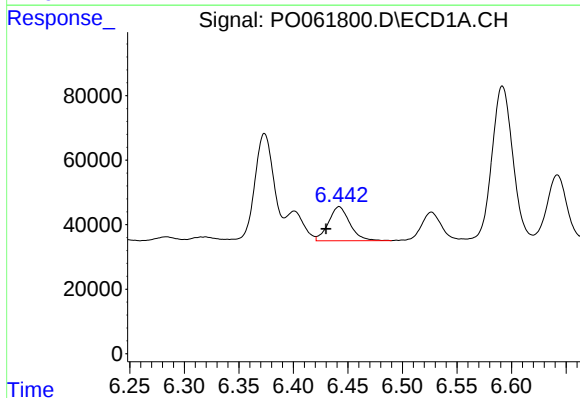
R.T.: 6.040 min
Delta R.T.: 0.010 min
Response: 16302
Conc: 8.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



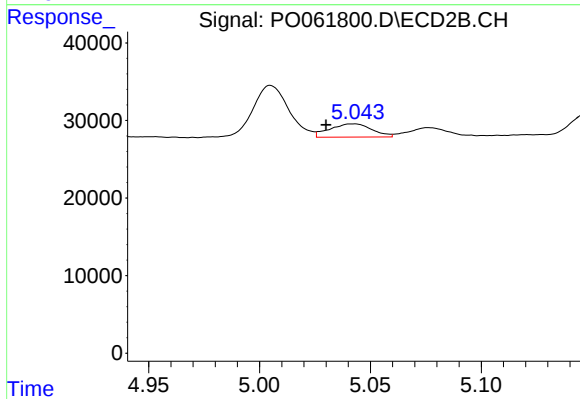
#23 AR-1248-3

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 23892
Conc: 19.25 ng/ml



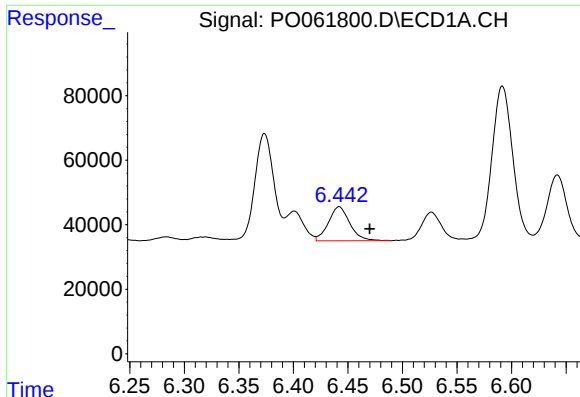
#24 AR-1248-4

R.T.: 6.442 min
Delta R.T.: 0.012 min
Response: 144610
Conc: 61.20 ng/ml



#24 AR-1248-4

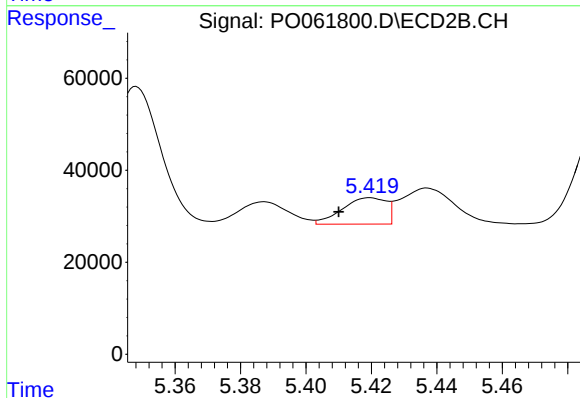
R.T.: 5.043 min
Delta R.T.: 0.013 min
Response: 22590
Conc: 15.03 ng/ml



#25 AR-1248-5

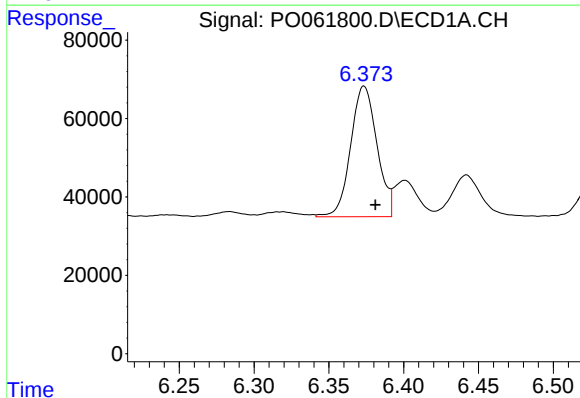
R.T.: 6.442 min
Delta R.T.: -0.028 min
Response: 144610
Conc: 63.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



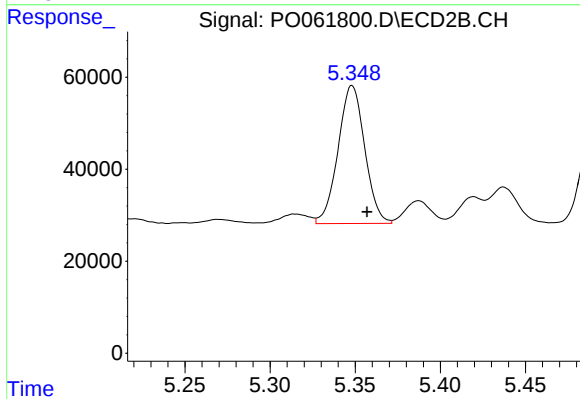
#25 AR-1248-5

R.T.: 5.420 min
Delta R.T.: 0.010 min
Response: 53533
Conc: 34.89 ng/ml



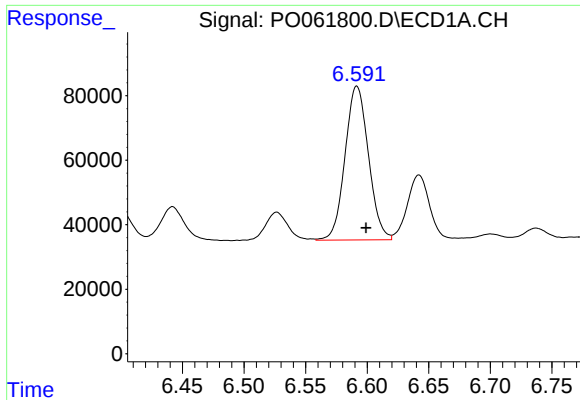
#26 AR-1254-1

R.T.: 6.374 min
Delta R.T.: -0.007 min
Response: 407588
Conc: 178.66 ng/ml



#26 AR-1254-1

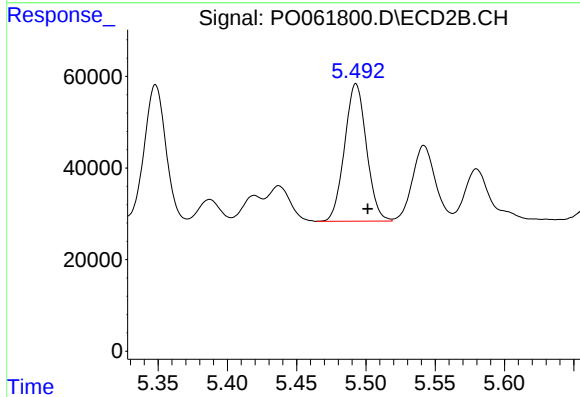
R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 326694
Conc: 148.95 ng/ml



#27 AR-1254-2

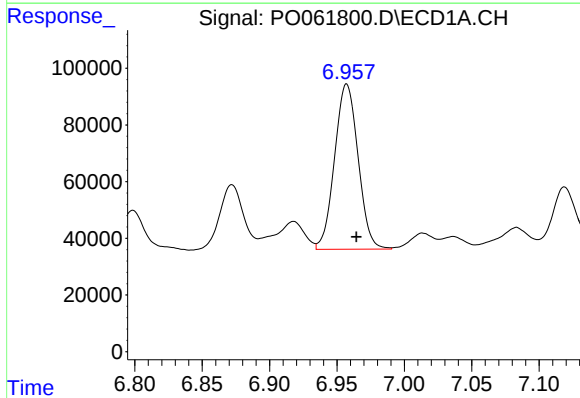
R.T.: 6.592 min
Delta R.T.: -0.008 min
Response: 631678
Conc: 174.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



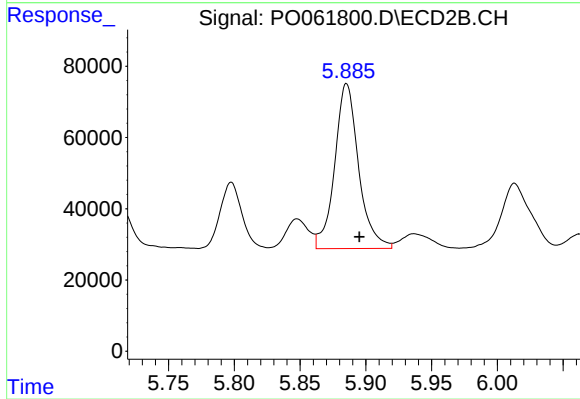
#27 AR-1254-2

R.T.: 5.493 min
Delta R.T.: -0.008 min
Response: 330547
Conc: 168.60 ng/ml



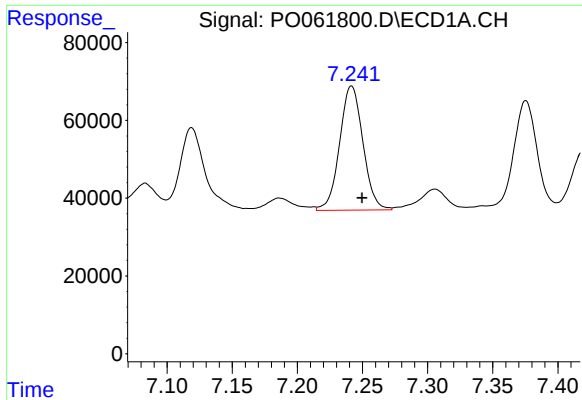
#28 AR-1254-3

R.T.: 6.957 min
Delta R.T.: -0.007 min
Response: 709644
Conc: 181.62 ng/ml



#28 AR-1254-3

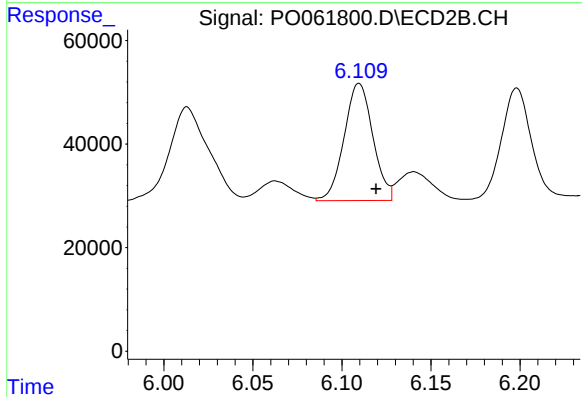
R.T.: 5.885 min
Delta R.T.: -0.010 min
Response: 586535
Conc: 184.23 ng/ml



#29 AR-1254-4

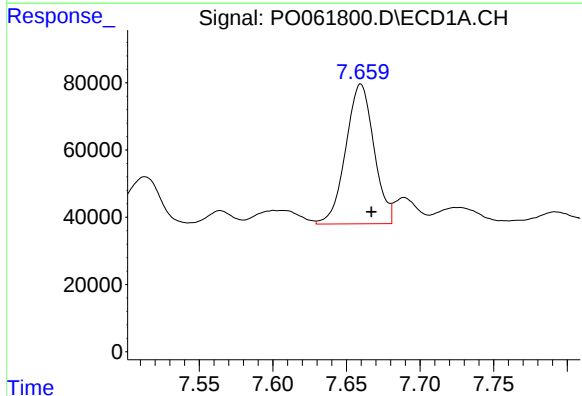
R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 398289
Conc: 131.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



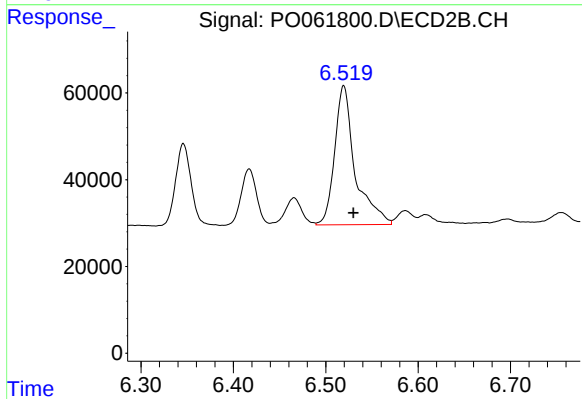
#29 AR-1254-4

R.T.: 6.110 min
Delta R.T.: -0.009 min
Response: 254474
Conc: 125.43 ng/ml



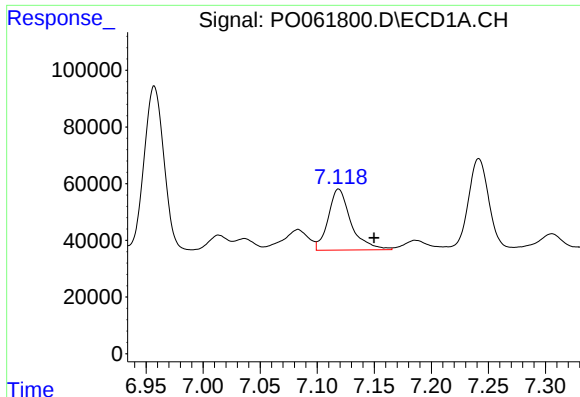
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: -0.007 min
Response: 553826
Conc: 176.35 ng/ml



#30 AR-1254-5

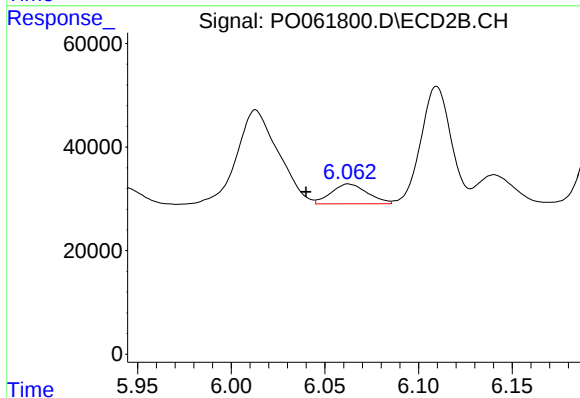
R.T.: 6.519 min
Delta R.T.: -0.010 min
Response: 494108
Conc: 174.69 ng/ml



#31 AR-1260-1

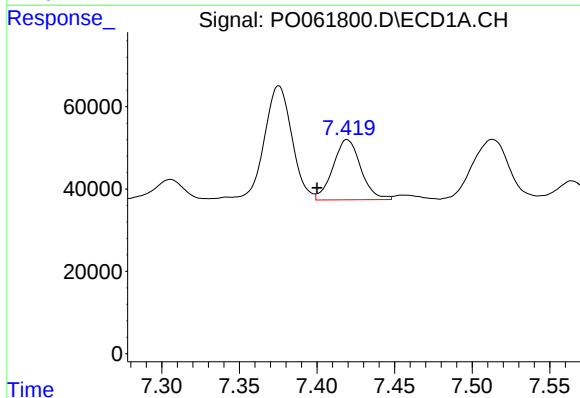
R.T.: 7.119 min
Delta R.T.: -0.031 min
Response: 298739
Conc: 114.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



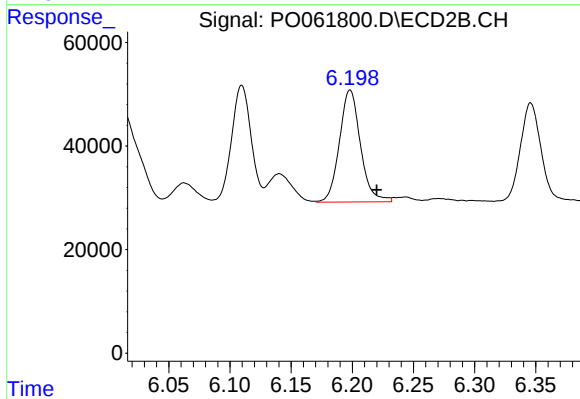
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.023 min
Response: 51789
Conc: 25.39 ng/ml



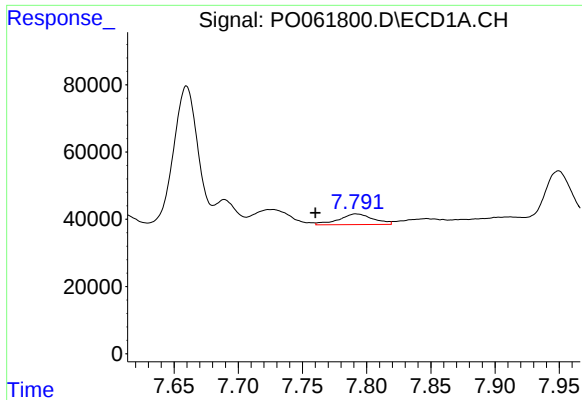
#32 AR-1260-2

R.T.: 7.419 min
Delta R.T.: 0.019 min
Response: 182483
Conc: 57.24 ng/ml



#32 AR-1260-2

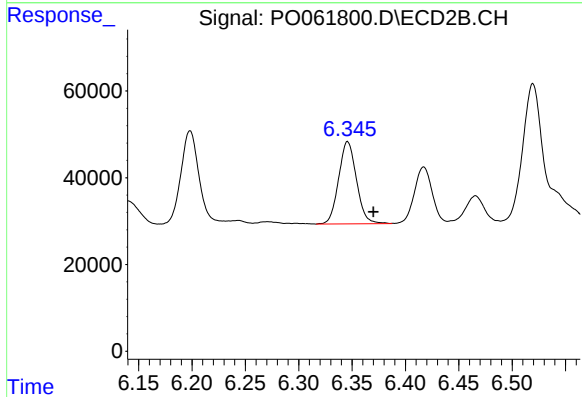
R.T.: 6.198 min
Delta R.T.: -0.022 min
Response: 258923
Conc: 107.81 ng/ml



#33 AR-1260-3

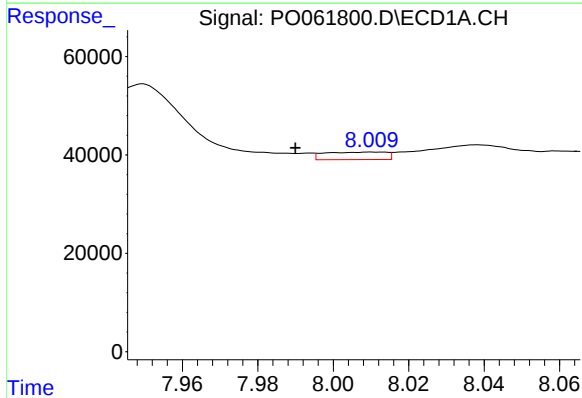
R.T.: 7.792 min
Delta R.T.: 0.032 min
Response: 58685
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



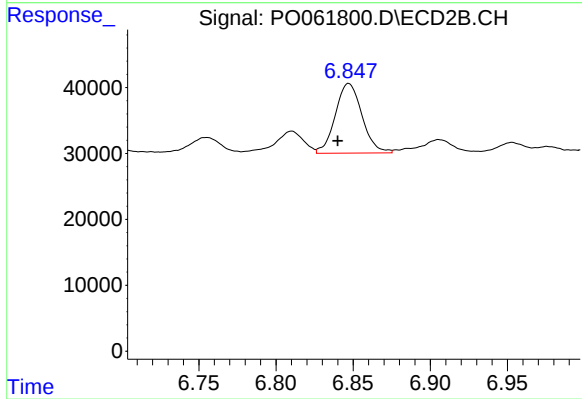
#33 AR-1260-3

R.T.: 6.346 min
Delta R.T.: -0.024 min
Response: 220625
Conc: 97.92 ng/ml



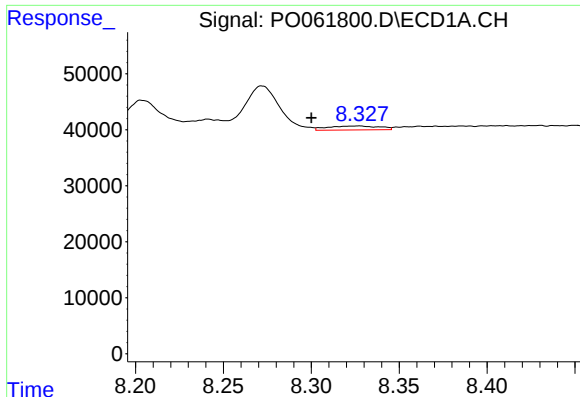
#34 AR-1260-4

R.T.: 8.011 min
Delta R.T.: 0.021 min
Response: 17298
Conc: 6.47 ng/ml



#34 AR-1260-4

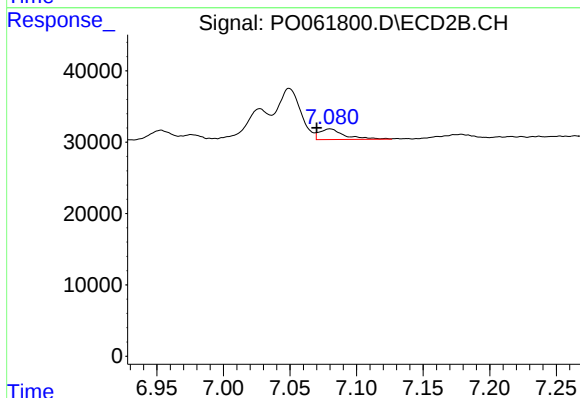
R.T.: 6.847 min
Delta R.T.: 0.007 min
Response: 127248
Conc: 68.92 ng/ml



#35 AR-1260-5

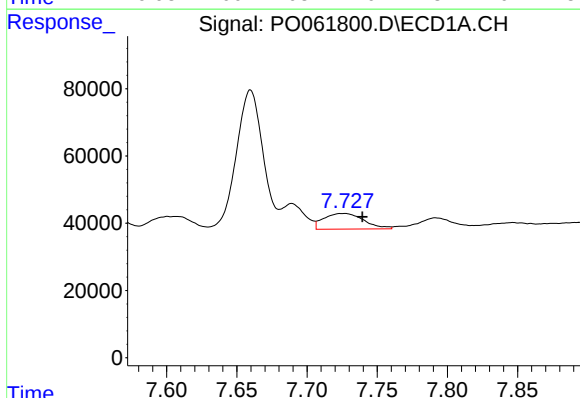
R.T.: 8.327 min
Delta R.T.: 0.027 min
Response: 14550
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



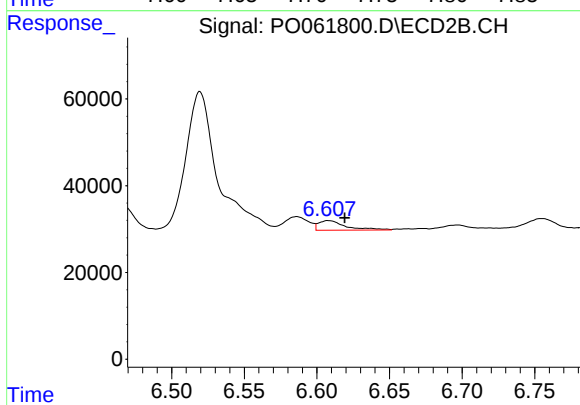
#35 AR-1260-5

R.T.: 7.080 min
Delta R.T.: 0.010 min
Response: 19577
Conc: 5.03 ng/ml



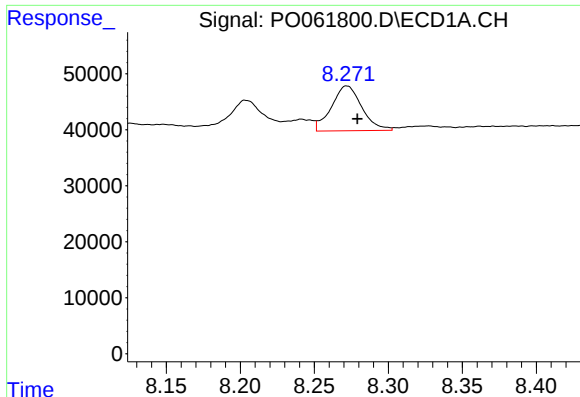
#36 AR-1262-1

R.T.: 7.726 min
Delta R.T.: -0.013 min
Response: 92651
Conc: 24.18 ng/ml



#36 AR-1262-1

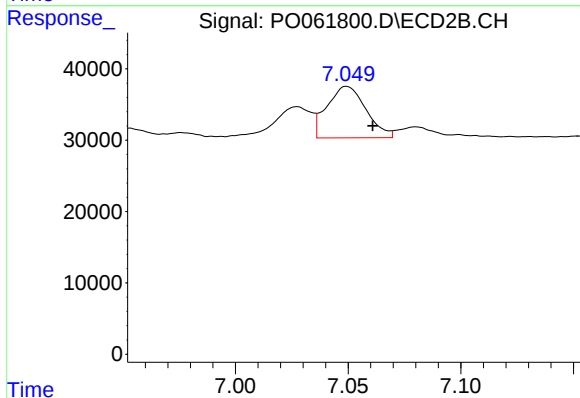
R.T.: 6.608 min
Delta R.T.: -0.011 min
Response: 29424
Conc: 24.11 ng/ml



#37 AR-1262-2

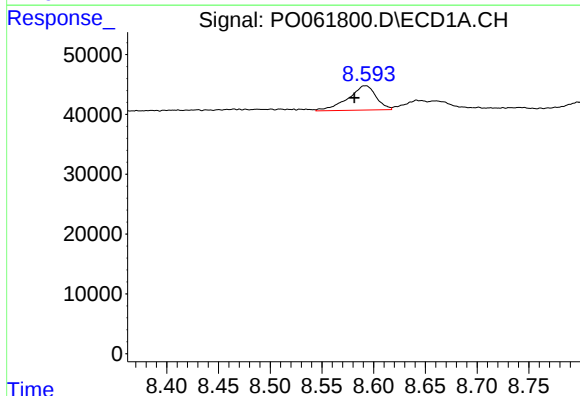
R.T.: 8.272 min
Delta R.T.: -0.007 min
Response: 114734
Conc: 18.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



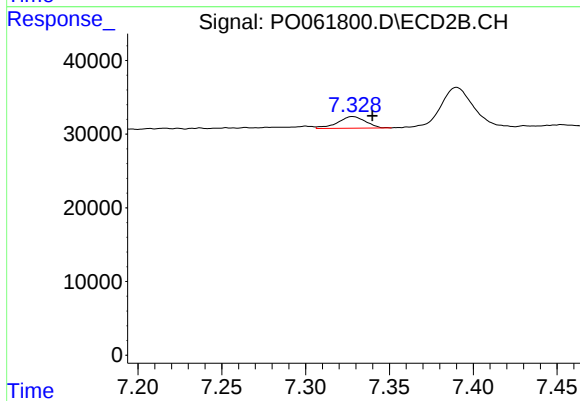
#37 AR-1262-2

R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 86946
Conc: 18.91 ng/ml



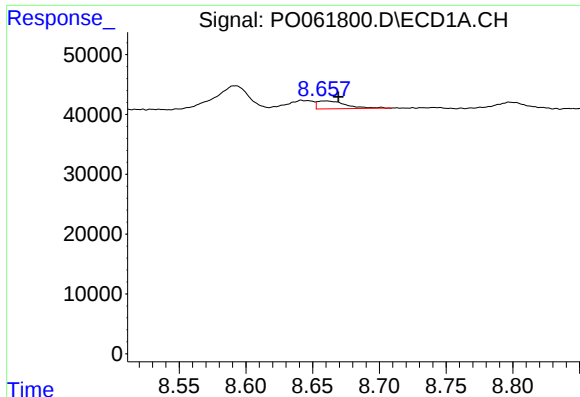
#38 AR-1262-3

R.T.: 8.592 min
Delta R.T.: 0.010 min
Response: 77199
Conc: 18.57 ng/ml



#38 AR-1262-3

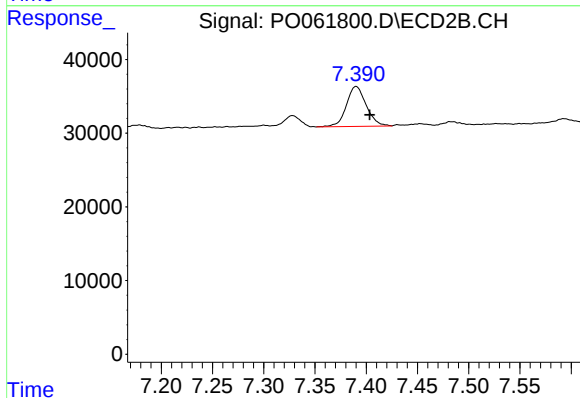
R.T.: 7.328 min
Delta R.T.: -0.012 min
Response: 18522
Conc: 9.83 ng/ml



#39 AR-1262-4

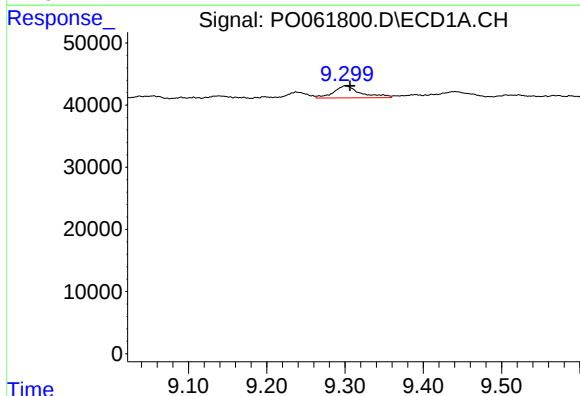
R.T.: 8.660 min
Delta R.T.: -0.010 min
Response: 19696
Conc: 6.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



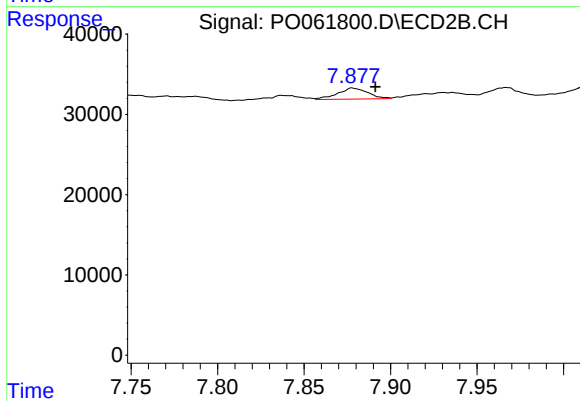
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 73166
Conc: 21.77 ng/ml



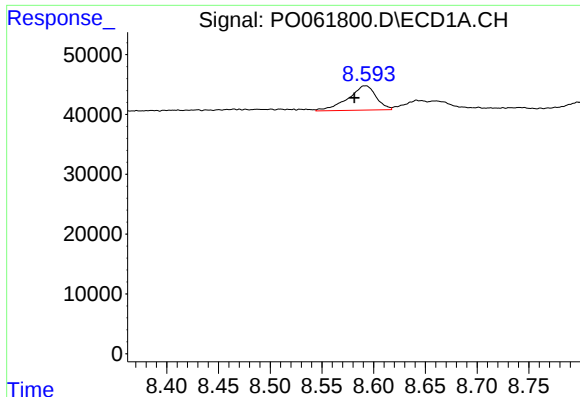
#40 AR-1262-5

R.T.: 9.301 min
Delta R.T.: -0.006 min
Response: 46245
Conc: 22.74 ng/ml



#40 AR-1262-5

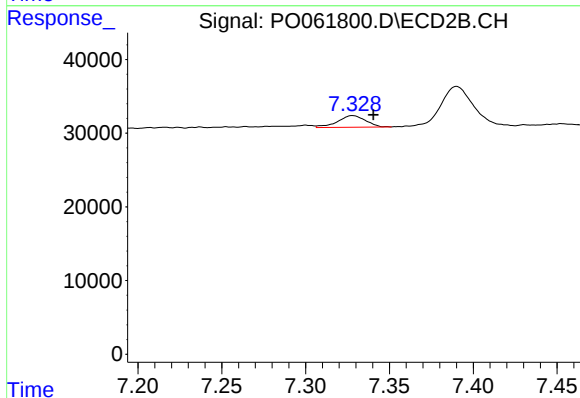
R.T.: 7.878 min
Delta R.T.: -0.013 min
Response: 16827
Conc: 11.10 ng/ml



#41 AR-1268-1

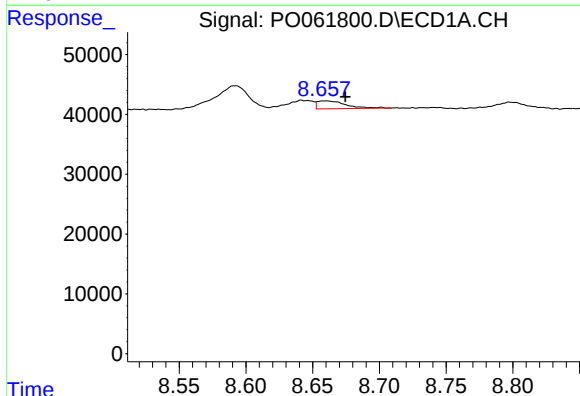
R.T.: 8.592 min
Delta R.T.: 0.010 min
Response: 77199
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



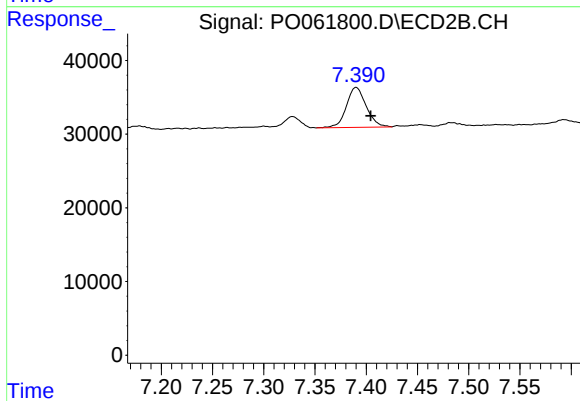
#41 AR-1268-1

R.T.: 7.328 min
Delta R.T.: -0.012 min
Response: 18522
Conc: 3.84 ng/ml



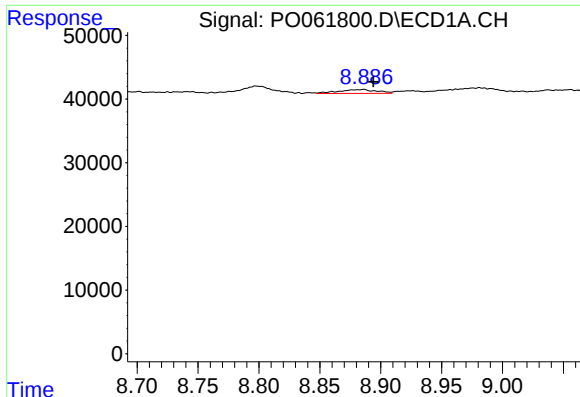
#42 AR-1268-2

R.T.: 8.660 min
Delta R.T.: -0.015 min
Response: 19696
Conc: 3.18 ng/ml



#42 AR-1268-2

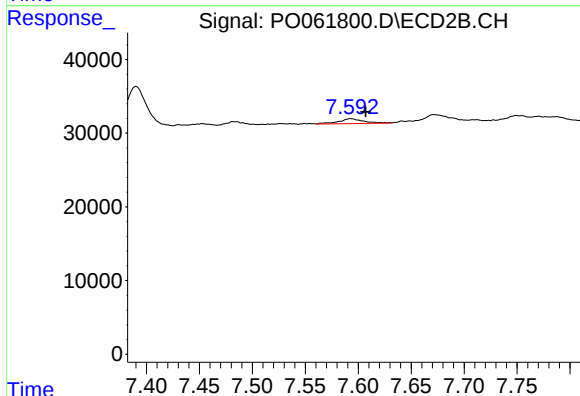
R.T.: 7.390 min
Delta R.T.: -0.014 min
Response: 73166
Conc: 16.98 ng/ml



#43 AR-1268-3

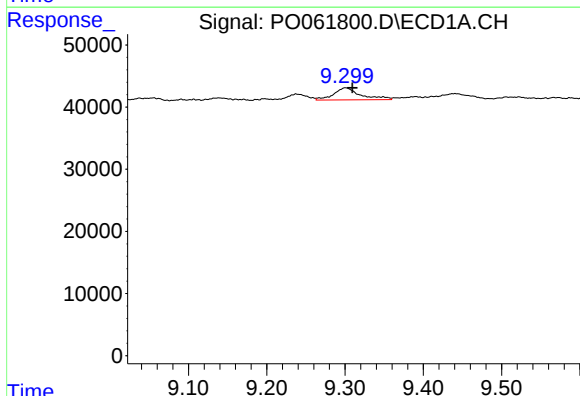
R.T.: 8.886 min
Delta R.T.: -0.008 min
Response: 13136
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



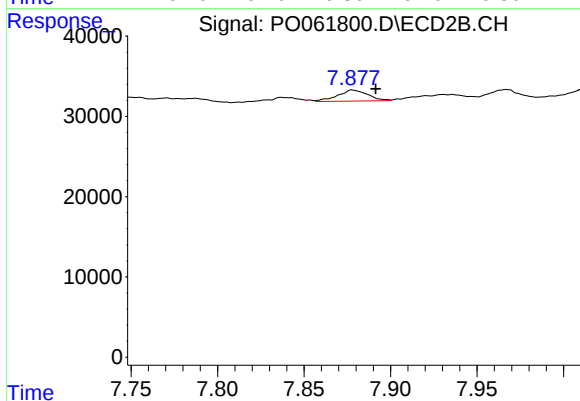
#43 AR-1268-3

R.T.: 7.593 min
Delta R.T.: -0.014 min
Response: 10937
Conc: 3.05 ng/ml



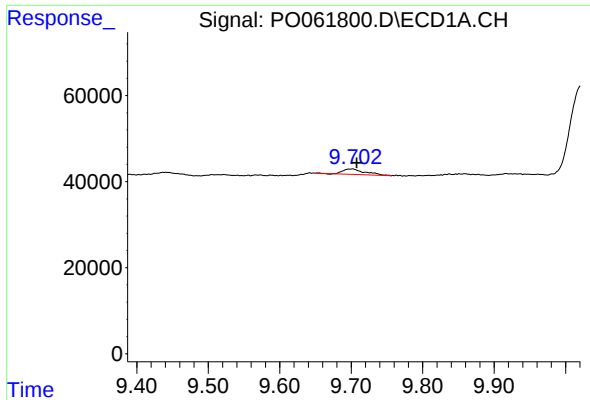
#44 AR-1268-4

R.T.: 9.301 min
Delta R.T.: -0.009 min
Response: 46245
Conc: 21.15 ng/ml



#44 AR-1268-4

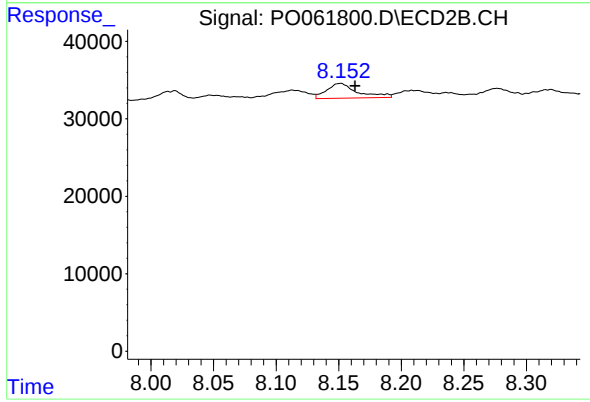
R.T.: 7.878 min
Delta R.T.: -0.013 min
Response: 16827
Conc: 10.46 ng/ml



#45 AR-1268-5

R.T.: 9.702 min
Delta R.T.: -0.006 min
Response: 27365
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.151 min
Delta R.T.: -0.012 min
Response: 32473
Conc: 3.23 ng/ml