

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100319\
 Data File : PO061631.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 11:19
 Operator : HP/AJ
 Sample : K5131-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:24:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.404	3.518	9996	496189	0.244	15.343 #
2)	SA Decachlor...	10.014	8.430	406832	2481	8.736	0.077 #
Target Compounds							
3)	L1 AR-1016-1	5.543	4.587	183876	145434	100.273	108.156
4)	L1 AR-1016-2	5.543	4.617	183876	14455	71.137	7.799 #
5)	L1 AR-1016-3	5.607	4.799	40156	88835	24.997	88.682 #
6)	L1 AR-1016-4	5.736	4.838	16872	96816	12.620	111.724 #
7)	L1 AR-1016-5	6.036	5.042	54638	82221	39.840	72.033 #
8)	L2 AR-1221-1	4.588	3.674	2880	15347	6.231	38.757 #
9)	L2 AR-1221-2	4.660	3.808	16931	19522	47.160	63.302 #
10)	L2 AR-1221-3	4.731	3.882	38093	16005	33.458	17.546 #
11)	L3 AR-1232-1	4.731	3.882	38093	16005	27.240	14.254 #
12)	L3 AR-1232-2	5.253	4.587	44453	145434	56.660	119.141 #
13)	L3 AR-1232-3	5.543	4.758	183876	48876	107.613	74.027 #
14)	L3 AR-1232-4	5.703	4.838	49037	96816	55.422	153.590 #
15)	L3 AR-1232-5	5.792	5.005	95299	128553	137.451	187.354 #
16)	L4 AR-1242-1	5.543	4.587	183876	145434	129.475	141.955
17)	L4 AR-1242-2	5.543	4.617	183876	14455	91.488	10.250 #
18)	L4 AR-1242-3	5.607	4.799	40156	88835	31.822	113.762 #
19)	L4 AR-1242-4	5.736	4.869	16872	54828	16.057	66.814 #
20)	L4 AR-1242-5	6.436	5.386	257137	210216	192.252	196.236
21)	L5 AR-1248-1	5.543	4.587	183876	145434	156.514	162.529
22)	L5 AR-1248-2	5.836	4.838	119661	96816	70.924	82.168
23)	L5 AR-1248-3	6.036	4.869	54638	54828	29.236	44.170 #
24)	L5 AR-1248-4	6.436	5.042	257137	82221	108.825	54.694 #
25)	L5 AR-1248-5	6.436	5.420	257137	43593	113.404	28.415 #
26)	L6 AR-1254-1	6.372	5.348	295431	199579	129.496	90.995 #
27)	L6 AR-1254-2	6.590	5.492	412246	155087	114.099	79.106 #
28)	L6 AR-1254-3	6.956	5.885	279944	231245	71.646	72.633
29)	L6 AR-1254-4	7.239	6.109	198172	125866	65.433	62.038
30)	L6 AR-1254-5	7.657	6.519	255618	158247	81.396	55.948 #
31)	L7 AR-1260-1	7.117	6.063	177003	45371	67.803	22.243 #
32)	L7 AR-1260-2	7.417	6.230	87763	32358	27.529	13.473 #
33)	L7 AR-1260-3	7.731	6.348	163653	132303	68.136	58.720
34)	L7 AR-1260-4	8.002	6.849	61759	36631	23.113	19.841
35)	L7 AR-1260-5	8.320	7.051	91987	147001	18.590	37.754 #
36)	L8 AR-1262-1	7.731	6.610	163653	29163	42.713	23.892 #
37)	L8 AR-1262-2	8.270	7.051	245052	147001	39.473	31.970
38)	L8 AR-1262-3	8.585	7.330	231774	38466	55.764	20.419 #
39)	L8 AR-1262-4	8.660	7.392	187419	97078	59.369	28.886 #
40)	L8 AR-1262-5	9.297	7.881	71774	36729	35.294	24.228 #
41)	L9 AR-1268-1	8.585	7.330	231774	38466	34.468	7.965 #

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 Acq On : 03 Oct 2019 11:19
 Operator : HP/AJ
 Sample : K5131-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

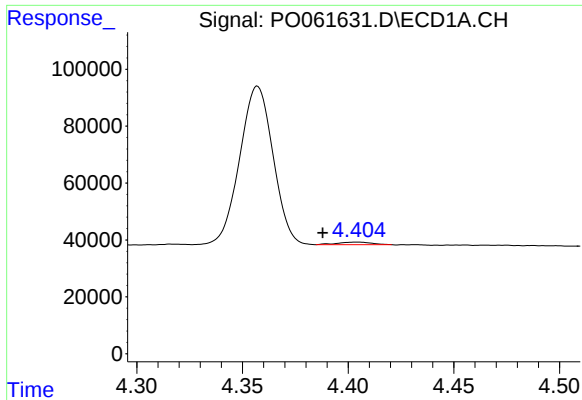
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:24:34 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	7.392	187419	97078	30.266	22.525 #
43) L9	AR-1268-3	8.891	7.596	132167	16311	25.854	4.551 #
44) L9	AR-1268-4	9.297	7.881	71774	36729	32.825	22.822 #
45) L9	AR-1268-5	9.694	8.152	33059	43000	2.201	4.276 #

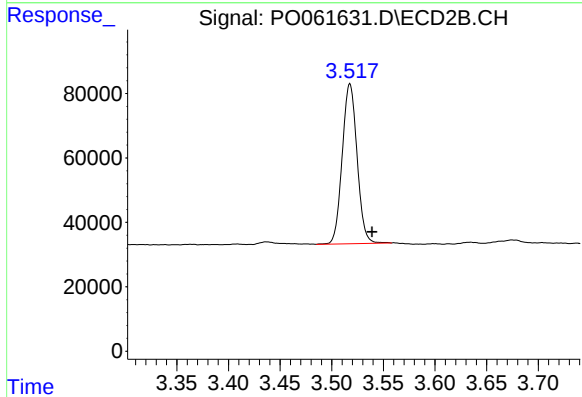
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

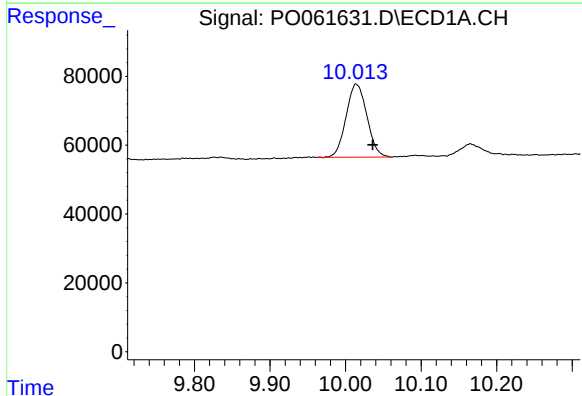
R.T.: 4.404 min
Delta R.T.: 0.016 min
Response: 9996
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



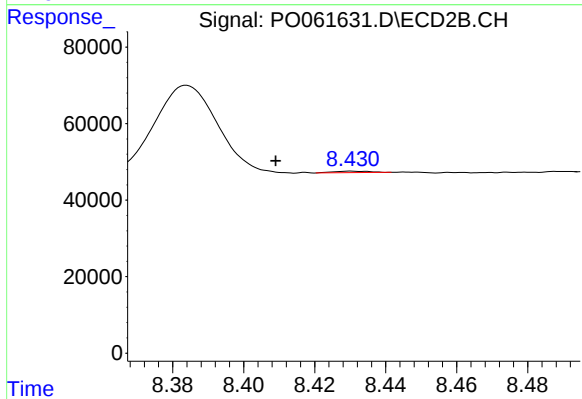
#1 Tetrachloro-m-xylene

R.T.: 3.518 min
Delta R.T.: -0.021 min
Response: 496189
Conc: 15.34 ng/ml



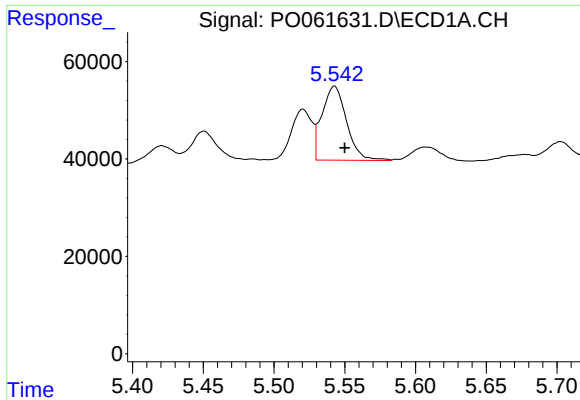
#2 Decachlorobiphenyl

R.T.: 10.014 min
Delta R.T.: -0.022 min
Response: 406832
Conc: 8.74 ng/ml



#2 Decachlorobiphenyl

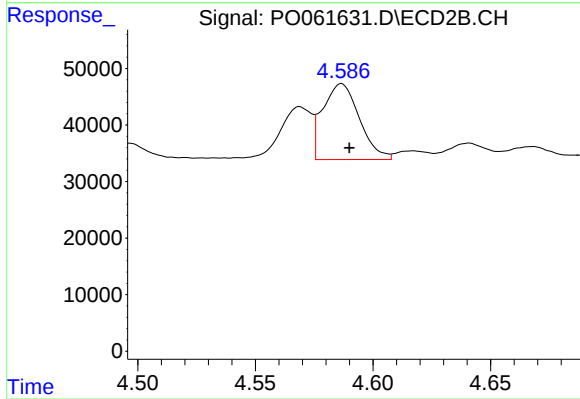
R.T.: 8.430 min
Delta R.T.: 0.021 min
Response: 2481
Conc: 0.08 ng/ml



#3 AR-1016-1

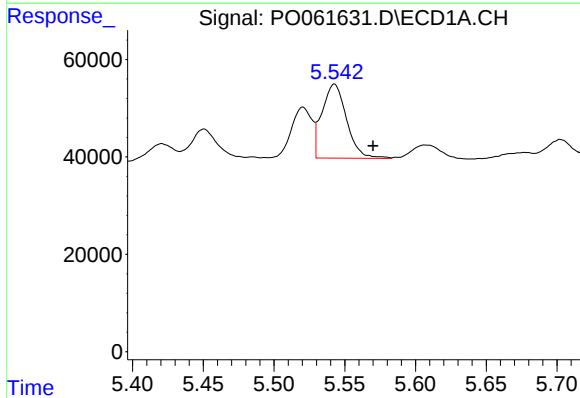
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 183876
Conc: 100.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



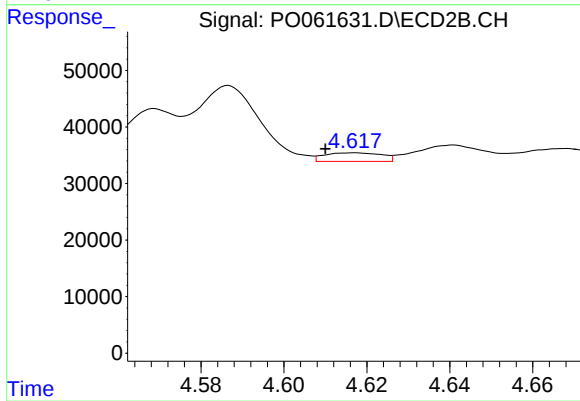
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 145434
Conc: 108.16 ng/ml



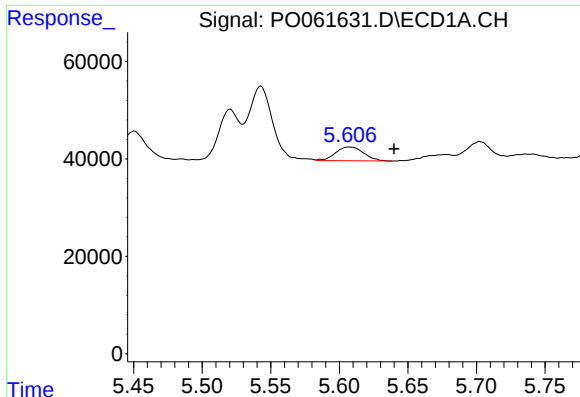
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.027 min
Response: 183876
Conc: 71.14 ng/ml



#4 AR-1016-2

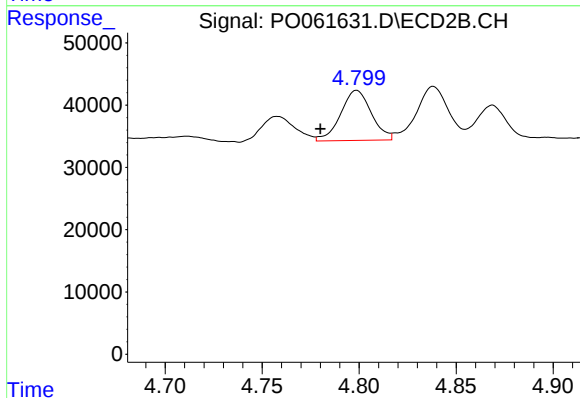
R.T.: 4.617 min
Delta R.T.: 0.007 min
Response: 14455
Conc: 7.80 ng/ml



#5 AR-1016-3

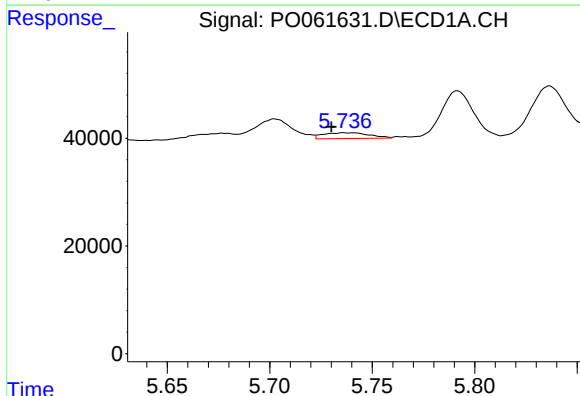
R.T.: 5.607 min
Delta R.T.: -0.033 min
Response: 40156
Conc: 25.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



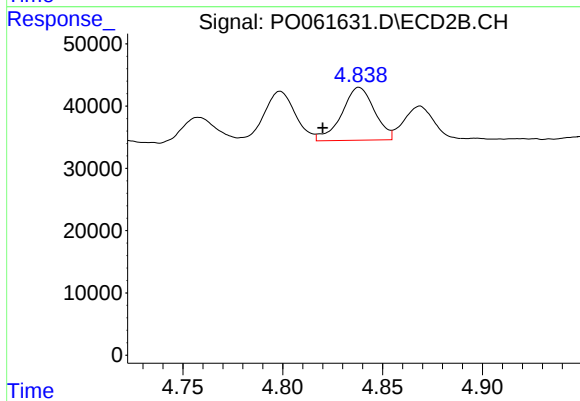
#5 AR-1016-3

R.T.: 4.799 min
Delta R.T.: 0.019 min
Response: 88835
Conc: 88.68 ng/ml



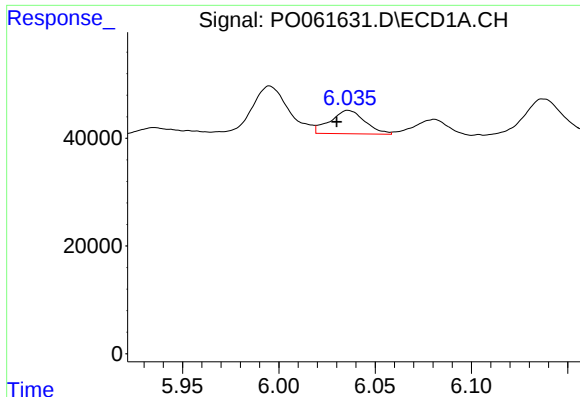
#6 AR-1016-4

R.T.: 5.736 min
Delta R.T.: 0.006 min
Response: 16872
Conc: 12.62 ng/ml



#6 AR-1016-4

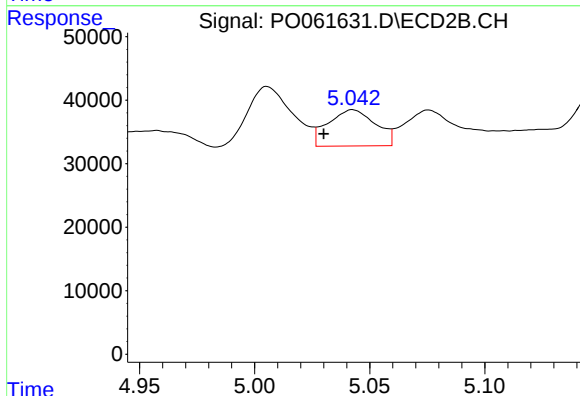
R.T.: 4.838 min
Delta R.T.: 0.018 min
Response: 96816
Conc: 111.72 ng/ml



#7 AR-1016-5

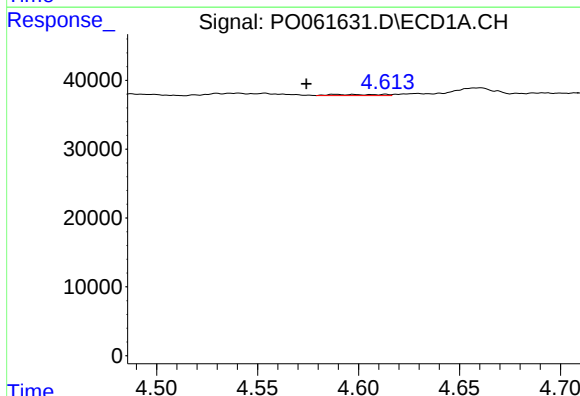
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 54638
Conc: 39.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



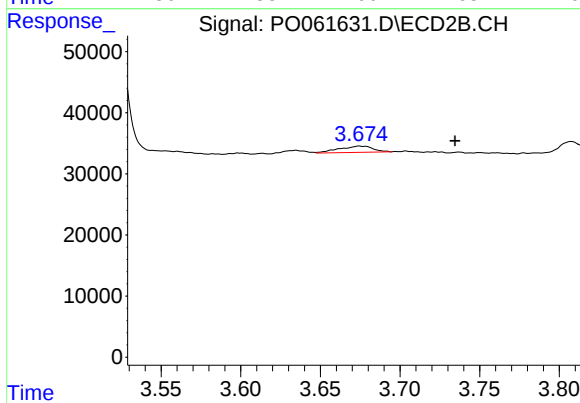
#7 AR-1016-5

R.T.: 5.042 min
Delta R.T.: 0.012 min
Response: 82221
Conc: 72.03 ng/ml



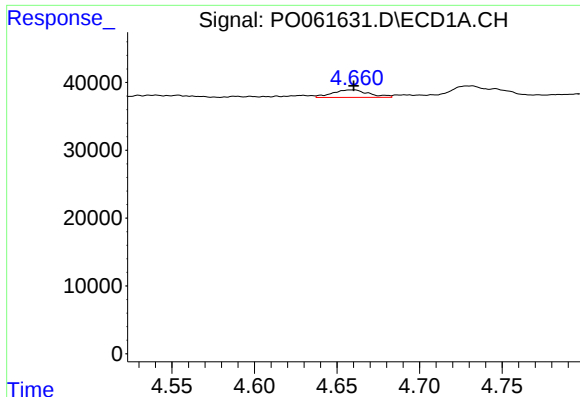
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: 0.014 min
Response: 2880
Conc: 6.23 ng/ml



#8 AR-1221-1

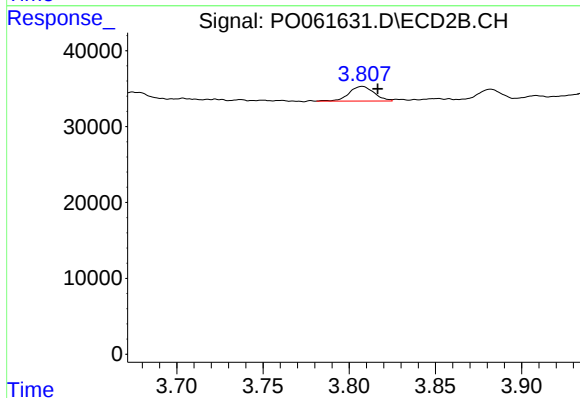
R.T.: 3.674 min
Delta R.T.: -0.060 min
Response: 15347
Conc: 38.76 ng/ml



#9 AR-1221-2

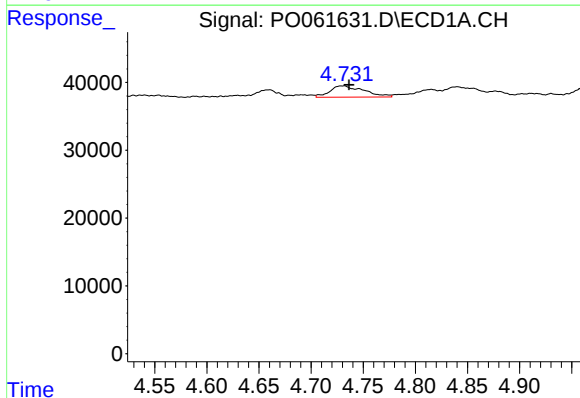
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 16931
Conc: 47.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



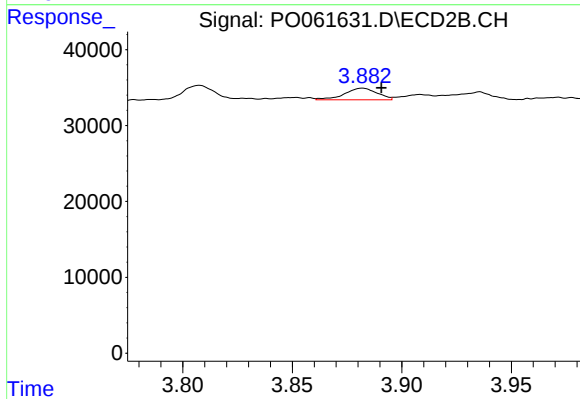
#9 AR-1221-2

R.T.: 3.808 min
Delta R.T.: -0.009 min
Response: 19522
Conc: 63.30 ng/ml



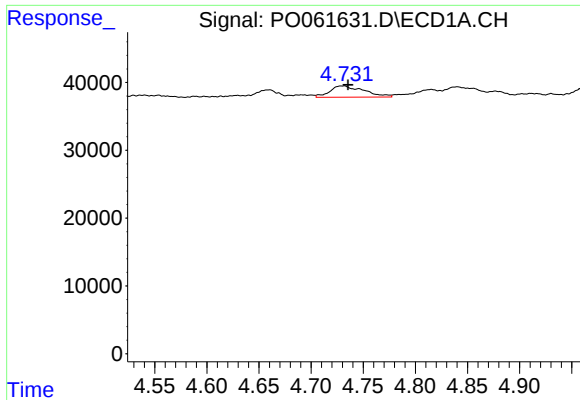
#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 38093
Conc: 33.46 ng/ml



#10 AR-1221-3

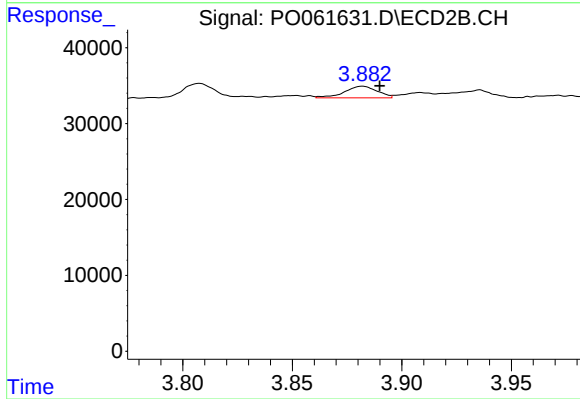
R.T.: 3.882 min
Delta R.T.: -0.009 min
Response: 16005
Conc: 17.55 ng/ml



#11 AR-1232-1

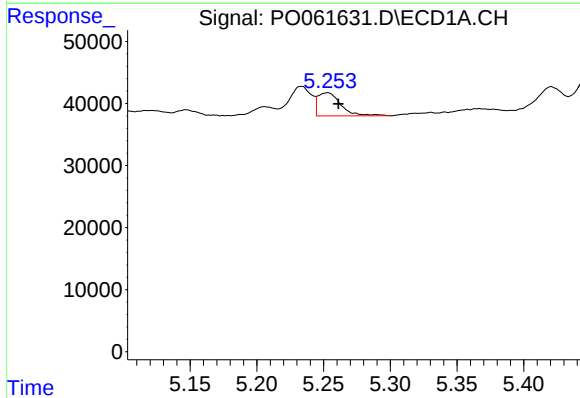
R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 38093
Conc: 27.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



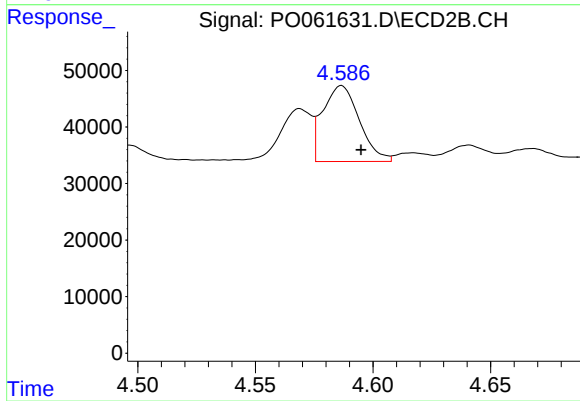
#11 AR-1232-1

R.T.: 3.882 min
Delta R.T.: -0.008 min
Response: 16005
Conc: 14.25 ng/ml



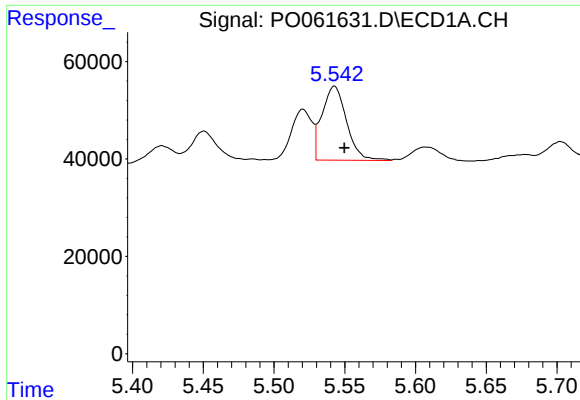
#12 AR-1232-2

R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 44453
Conc: 56.66 ng/ml



#12 AR-1232-2

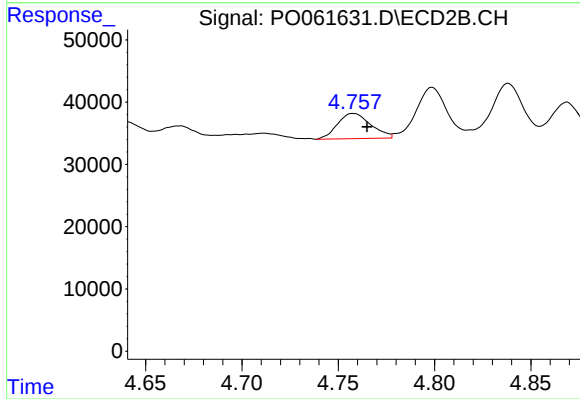
R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 145434
Conc: 119.14 ng/ml



#13 AR-1232-3

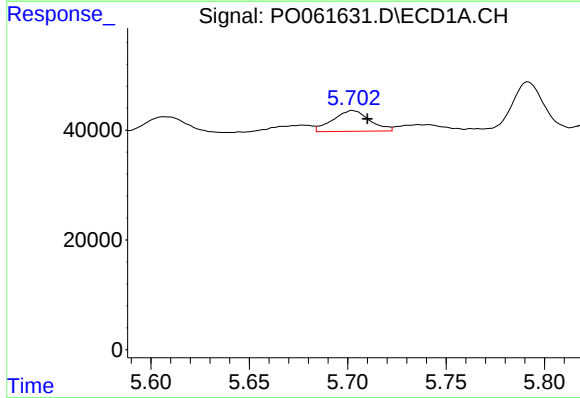
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 183876
Conc: 107.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



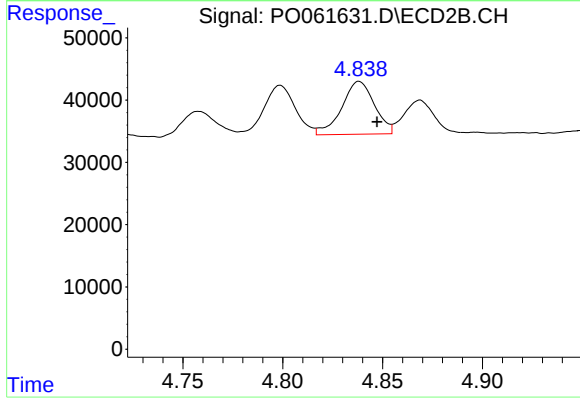
#13 AR-1232-3

R.T.: 4.758 min
Delta R.T.: -0.007 min
Response: 48876
Conc: 74.03 ng/ml



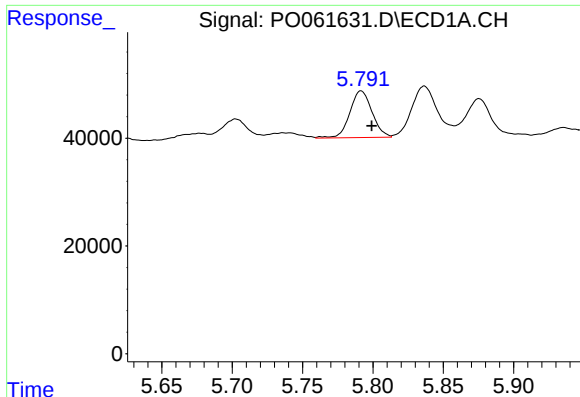
#14 AR-1232-4

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 49037
Conc: 55.42 ng/ml



#14 AR-1232-4

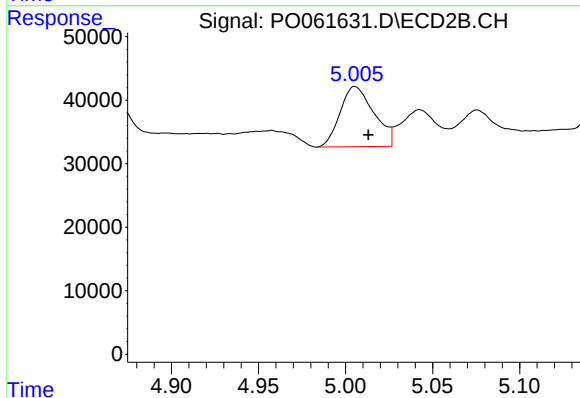
R.T.: 4.838 min
Delta R.T.: -0.009 min
Response: 96816
Conc: 153.59 ng/ml



#15 AR-1232-5

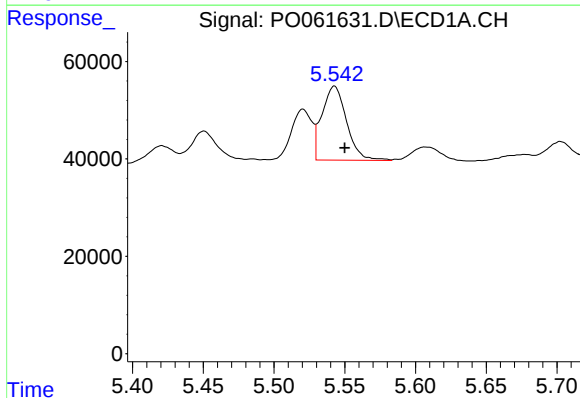
R.T.: 5.792 min
Delta R.T.: -0.007 min
Response: 95299
Conc: 137.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



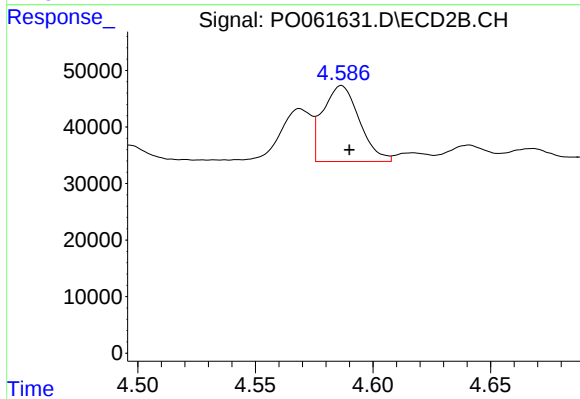
#15 AR-1232-5

R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 128553
Conc: 187.35 ng/ml



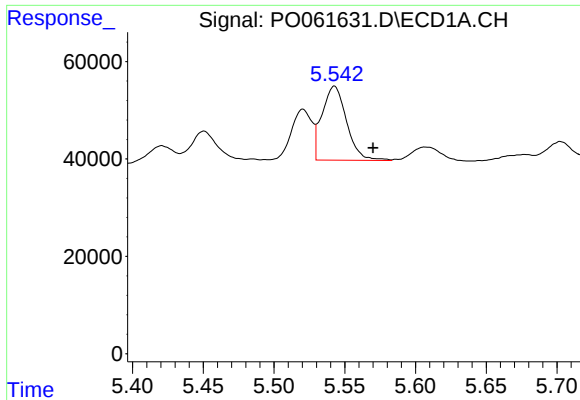
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 183876
Conc: 129.47 ng/ml



#16 AR-1242-1

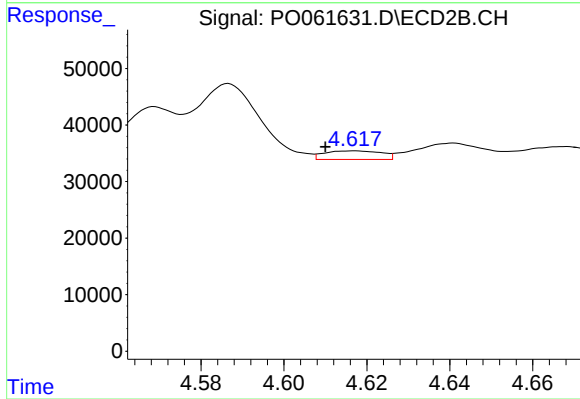
R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 145434
Conc: 141.96 ng/ml



#17 AR-1242-2

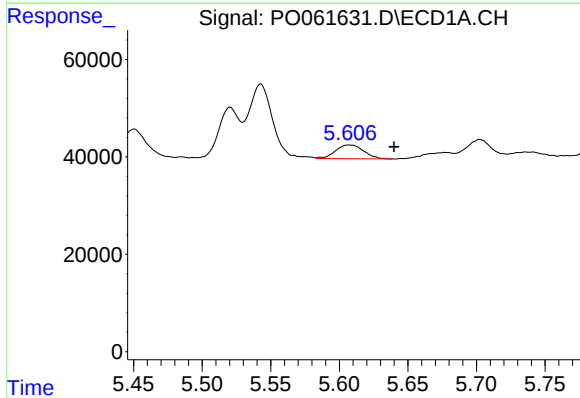
R.T.: 5.543 min
Delta R.T.: -0.027 min
Response: 183876
Conc: 91.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



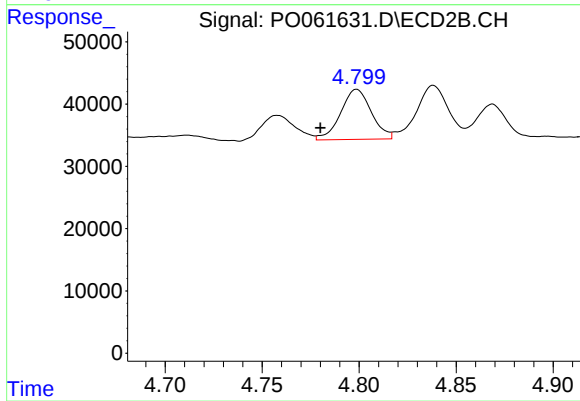
#17 AR-1242-2

R.T.: 4.617 min
Delta R.T.: 0.007 min
Response: 14455
Conc: 10.25 ng/ml



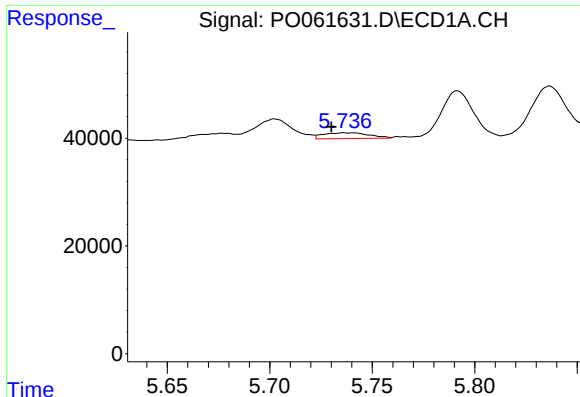
#18 AR-1242-3

R.T.: 5.607 min
Delta R.T.: -0.033 min
Response: 40156
Conc: 31.82 ng/ml



#18 AR-1242-3

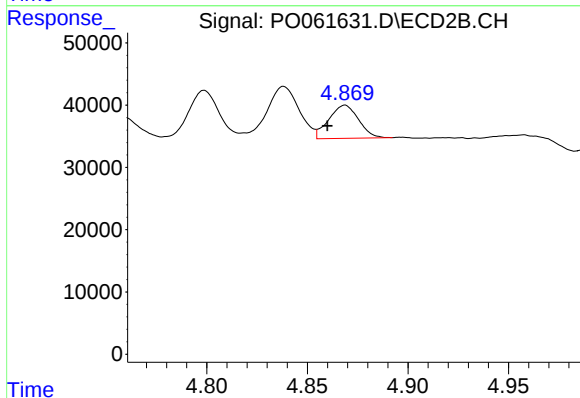
R.T.: 4.799 min
Delta R.T.: 0.019 min
Response: 88835
Conc: 113.76 ng/ml



#19 AR-1242-4

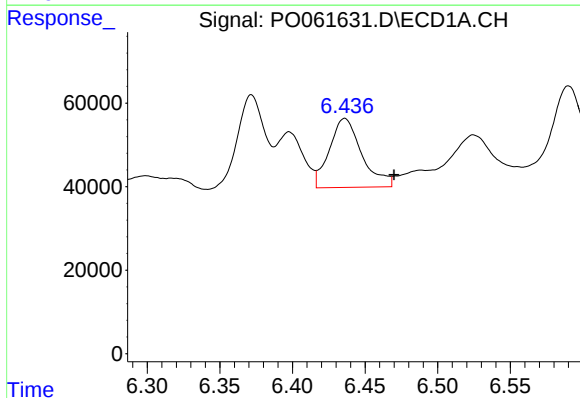
R.T.: 5.736 min
Delta R.T.: 0.006 min
Response: 16872
Conc: 16.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



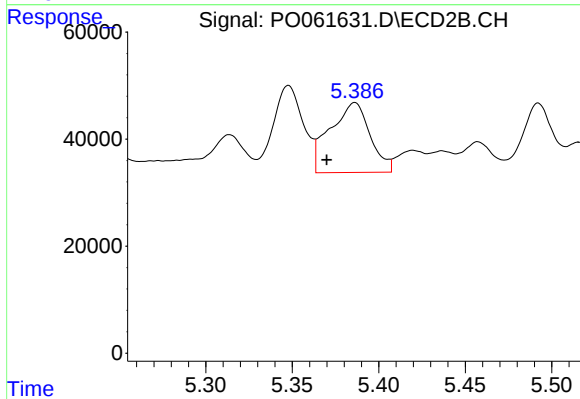
#19 AR-1242-4

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 54828
Conc: 66.81 ng/ml



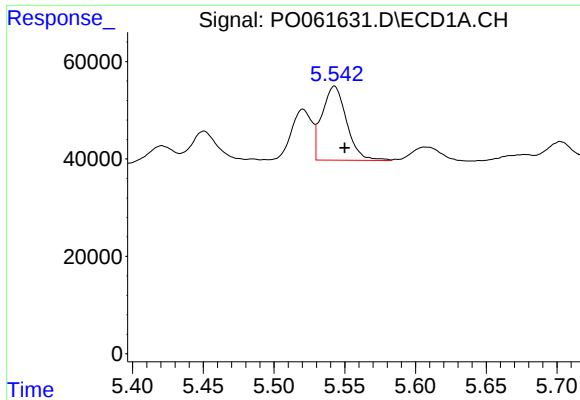
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: -0.034 min
Response: 257137
Conc: 192.25 ng/ml



#20 AR-1242-5

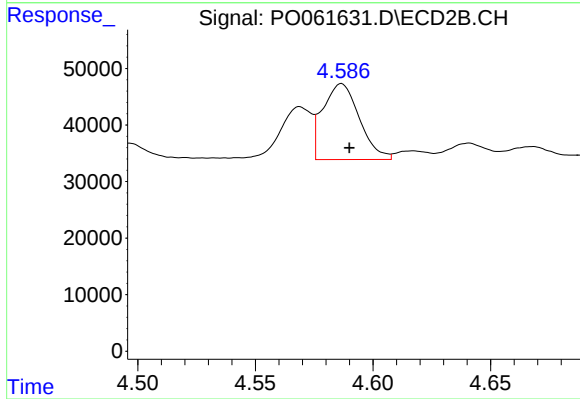
R.T.: 5.386 min
Delta R.T.: 0.016 min
Response: 210216
Conc: 196.24 ng/ml



#21 AR-1248-1

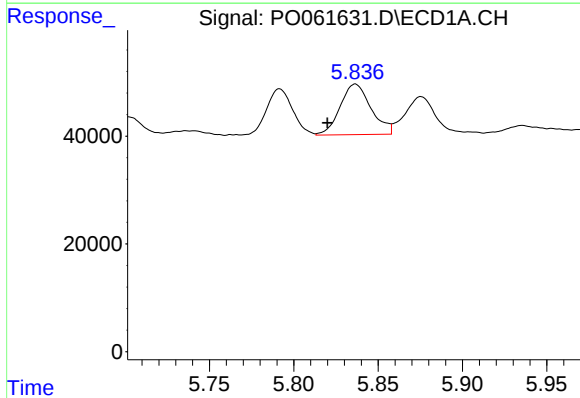
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 183876
Conc: 156.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



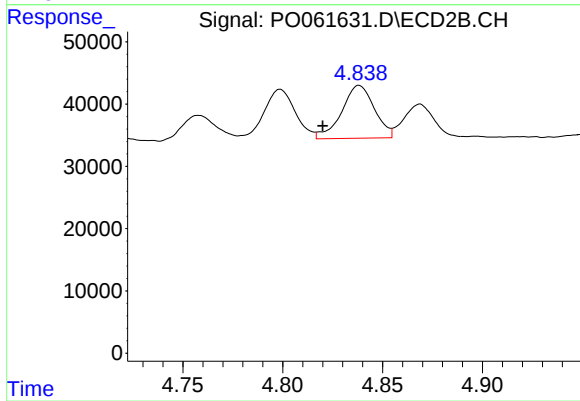
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 145434
Conc: 162.53 ng/ml



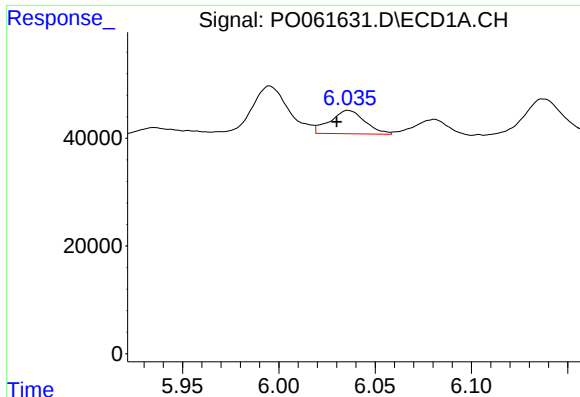
#22 AR-1248-2

R.T.: 5.836 min
Delta R.T.: 0.016 min
Response: 119661
Conc: 70.92 ng/ml



#22 AR-1248-2

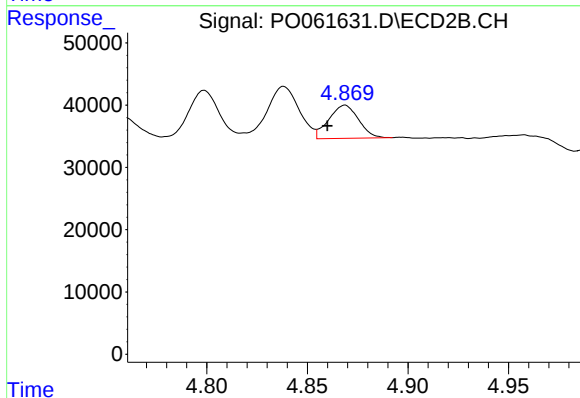
R.T.: 4.838 min
Delta R.T.: 0.018 min
Response: 96816
Conc: 82.17 ng/ml



#23 AR-1248-3

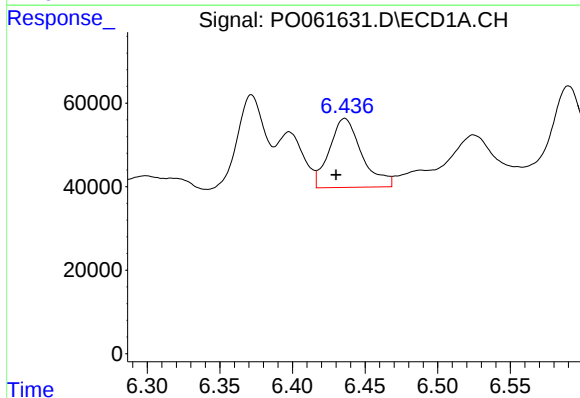
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 54638
Conc: 29.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



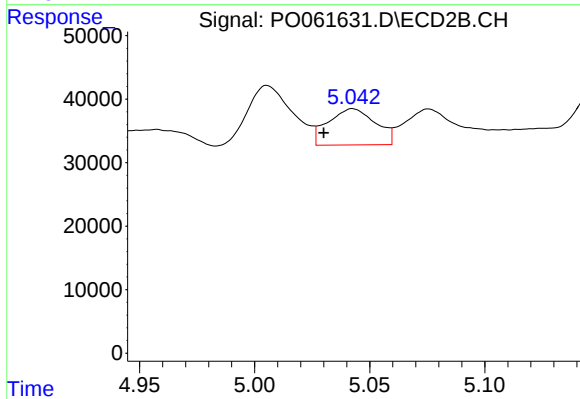
#23 AR-1248-3

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 54828
Conc: 44.17 ng/ml



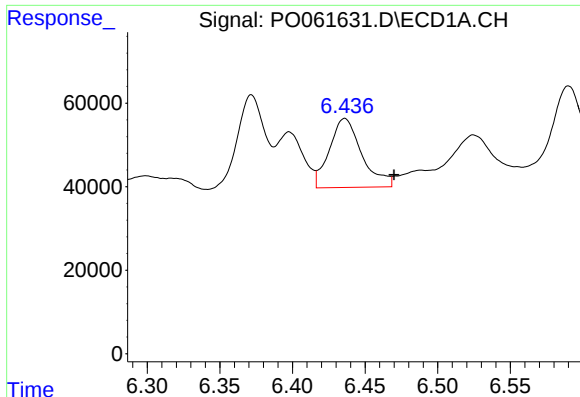
#24 AR-1248-4

R.T.: 6.436 min
Delta R.T.: 0.006 min
Response: 257137
Conc: 108.83 ng/ml



#24 AR-1248-4

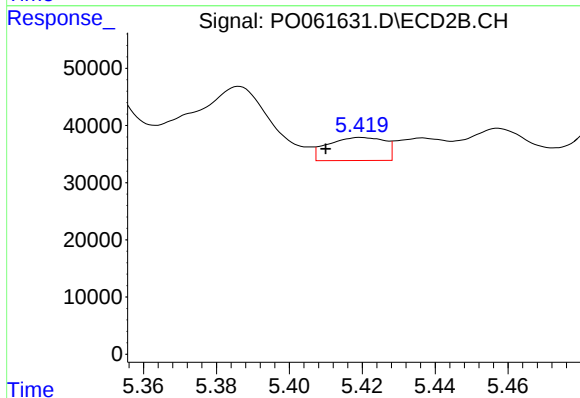
R.T.: 5.042 min
Delta R.T.: 0.012 min
Response: 82221
Conc: 54.69 ng/ml



#25 AR-1248-5

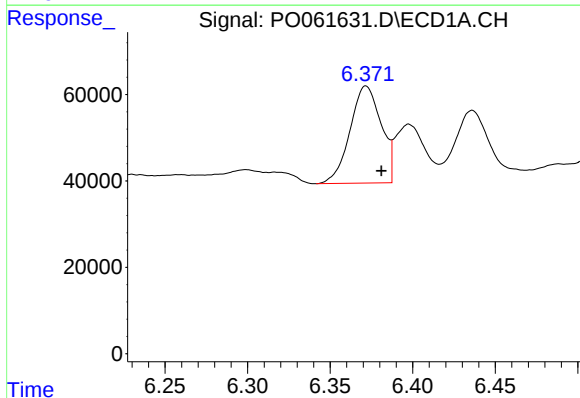
R.T.: 6.436 min
Delta R.T.: -0.034 min
Response: 257137
Conc: 113.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



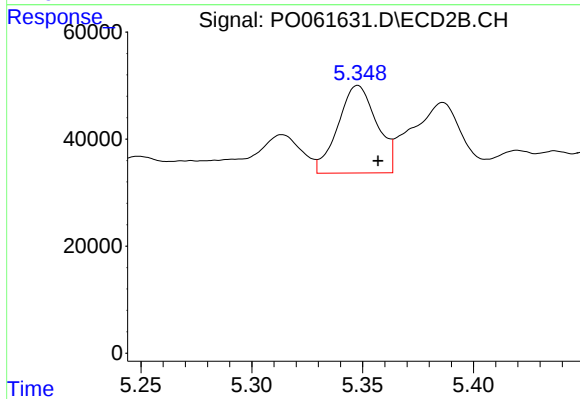
#25 AR-1248-5

R.T.: 5.420 min
Delta R.T.: 0.010 min
Response: 43593
Conc: 28.41 ng/ml



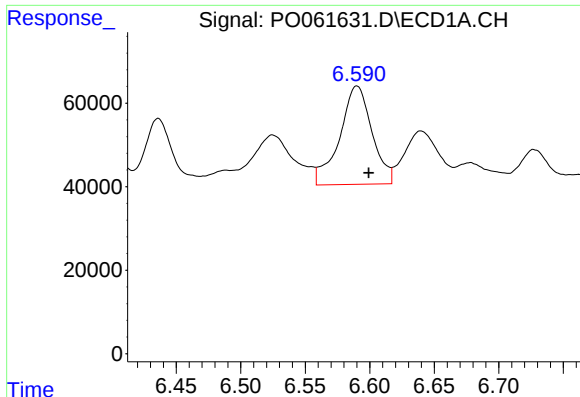
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: -0.009 min
Response: 295431
Conc: 129.50 ng/ml



#26 AR-1254-1

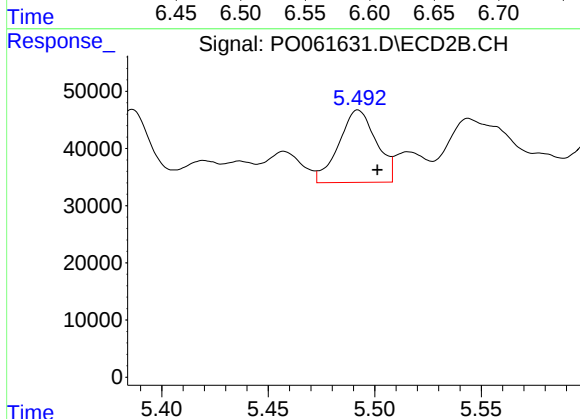
R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 199579
Conc: 91.00 ng/ml



#27 AR-1254-2

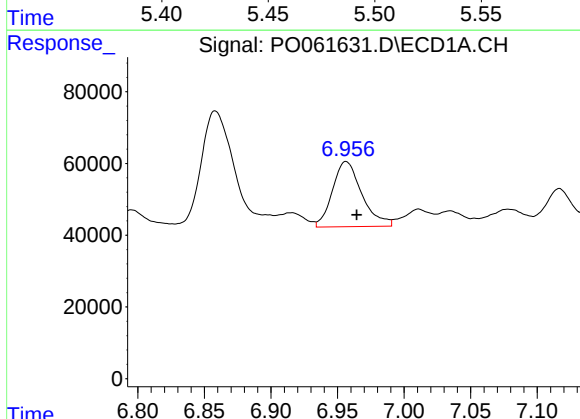
R.T.: 6.590 min
Delta R.T.: -0.009 min
Response: 412246
Conc: 114.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



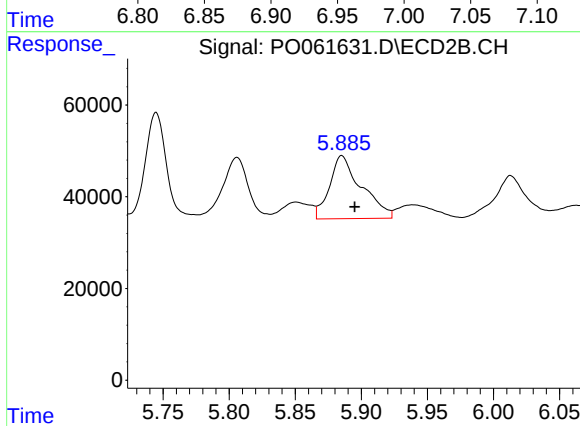
#27 AR-1254-2

R.T.: 5.492 min
Delta R.T.: -0.009 min
Response: 155087
Conc: 79.11 ng/ml



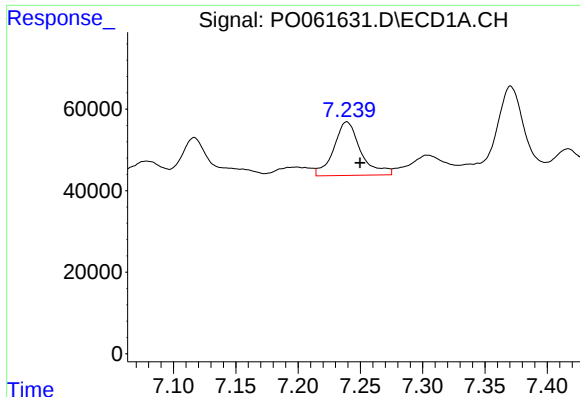
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: -0.008 min
Response: 279944
Conc: 71.65 ng/ml



#28 AR-1254-3

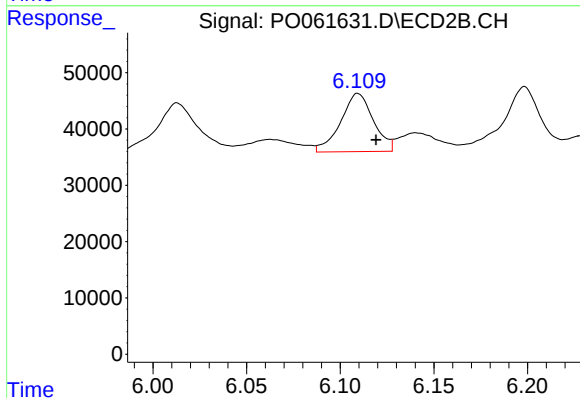
R.T.: 5.885 min
Delta R.T.: -0.010 min
Response: 231245
Conc: 72.63 ng/ml



#29 AR-1254-4

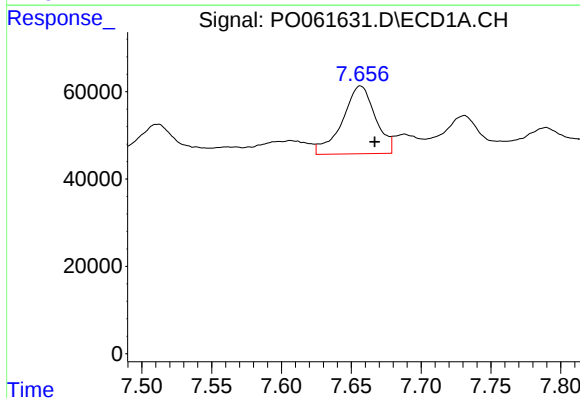
R.T.: 7.239 min
Delta R.T.: -0.011 min
Response: 198172
Conc: 65.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



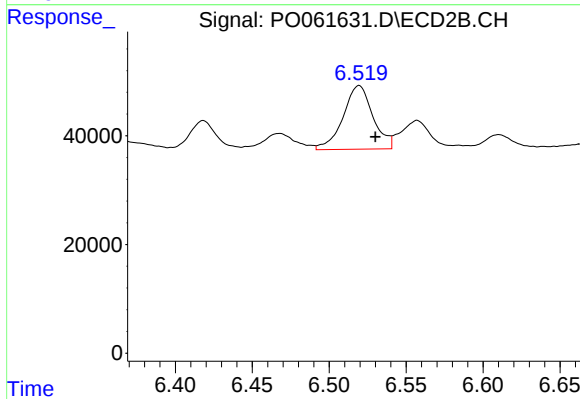
#29 AR-1254-4

R.T.: 6.109 min
Delta R.T.: -0.010 min
Response: 125866
Conc: 62.04 ng/ml



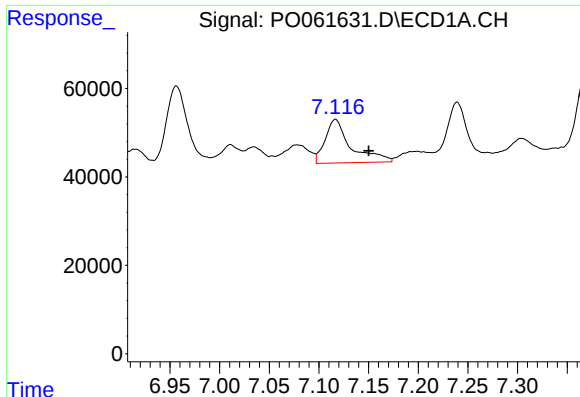
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.010 min
Response: 255618
Conc: 81.40 ng/ml



#30 AR-1254-5

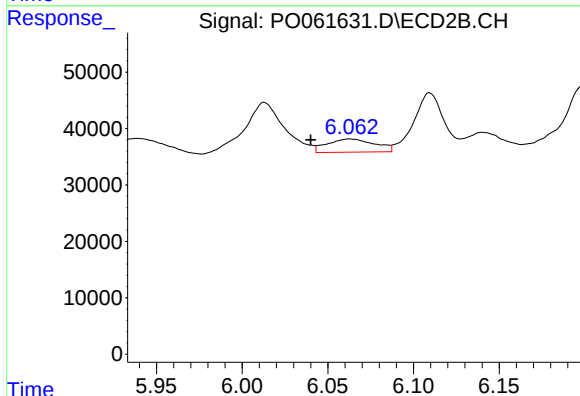
R.T.: 6.519 min
Delta R.T.: -0.011 min
Response: 158247
Conc: 55.95 ng/ml



#31 AR-1260-1

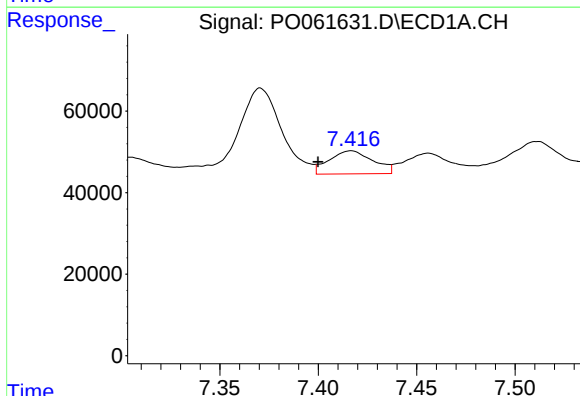
R.T.: 7.117 min
Delta R.T.: -0.033 min
Response: 177003
Conc: 67.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



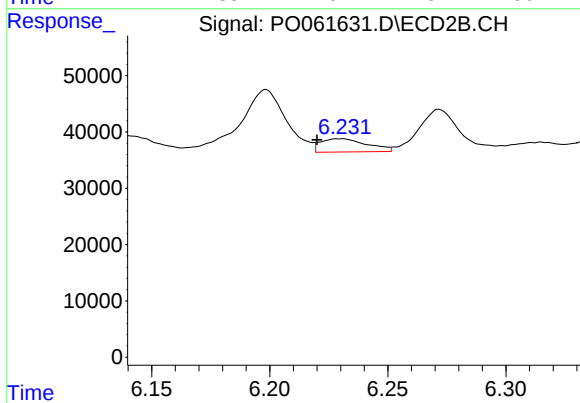
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.023 min
Response: 45371
Conc: 22.24 ng/ml



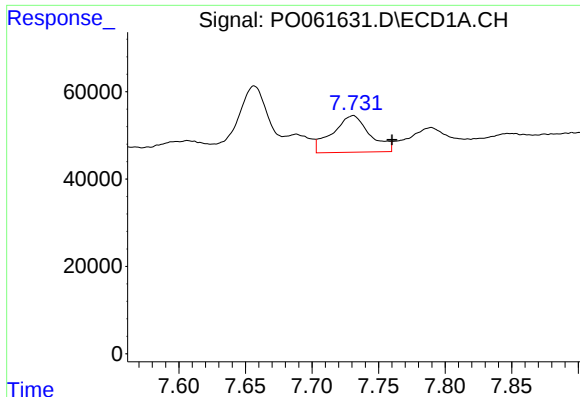
#32 AR-1260-2

R.T.: 7.417 min
Delta R.T.: 0.017 min
Response: 87763
Conc: 27.53 ng/ml



#32 AR-1260-2

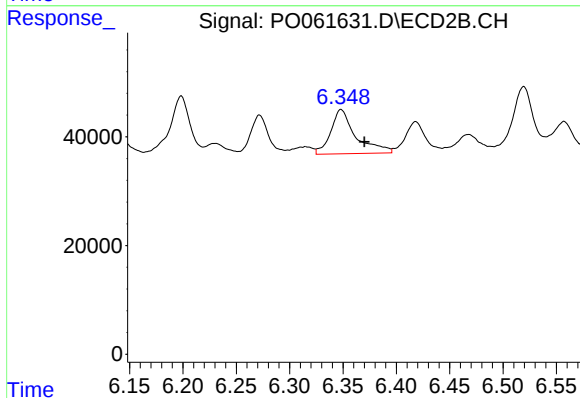
R.T.: 6.230 min
Delta R.T.: 0.010 min
Response: 32358
Conc: 13.47 ng/ml



#33 AR-1260-3

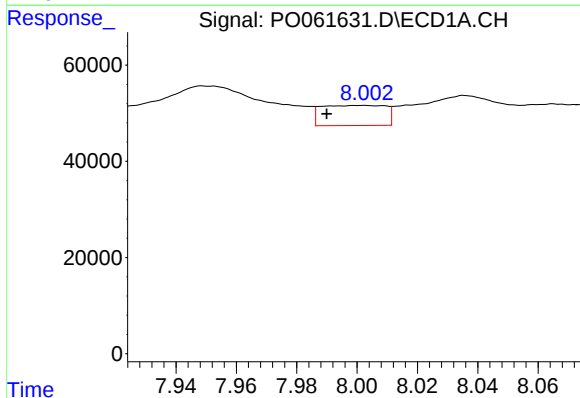
R.T.: 7.731 min
Delta R.T.: -0.029 min
Response: 163653
Conc: 68.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



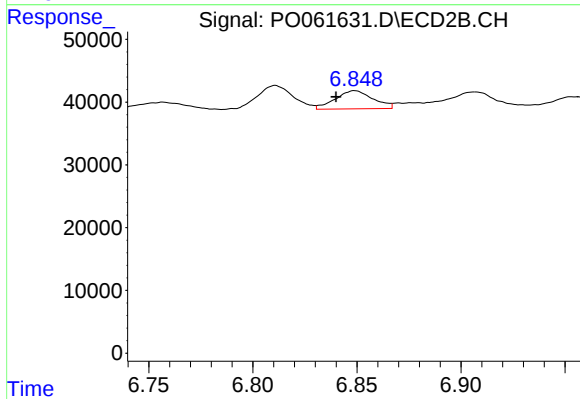
#33 AR-1260-3

R.T.: 6.348 min
Delta R.T.: -0.022 min
Response: 132303
Conc: 58.72 ng/ml



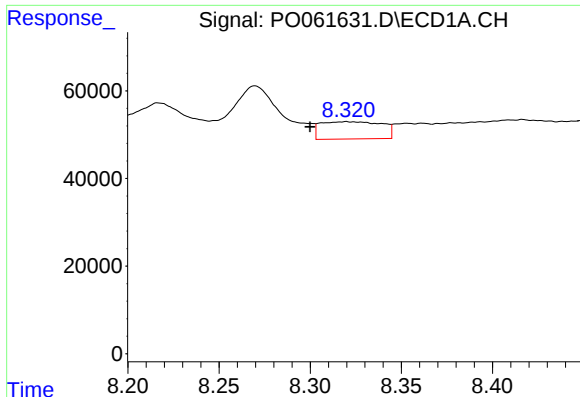
#34 AR-1260-4

R.T.: 8.002 min
Delta R.T.: 0.012 min
Response: 61759
Conc: 23.11 ng/ml



#34 AR-1260-4

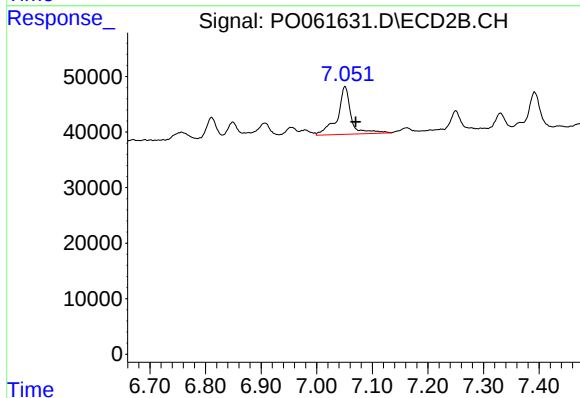
R.T.: 6.849 min
Delta R.T.: 0.009 min
Response: 36631
Conc: 19.84 ng/ml



#35 AR-1260-5

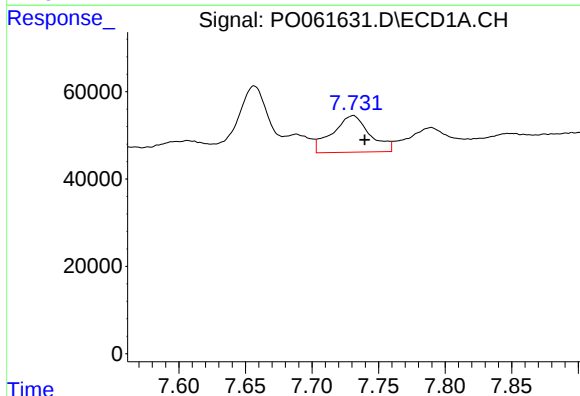
R.T.: 8.320 min
Delta R.T.: 0.020 min
Response: 91987
Conc: 18.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



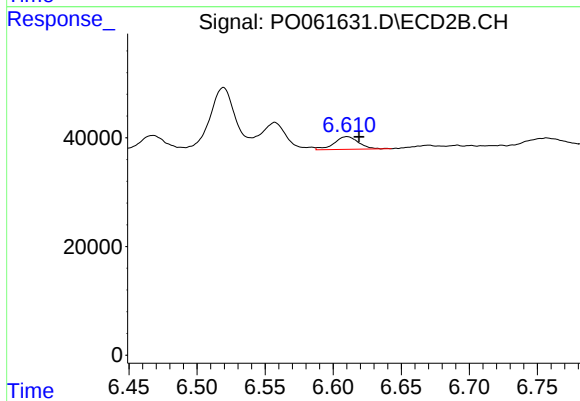
#35 AR-1260-5

R.T.: 7.051 min
Delta R.T.: -0.019 min
Response: 147001
Conc: 37.75 ng/ml



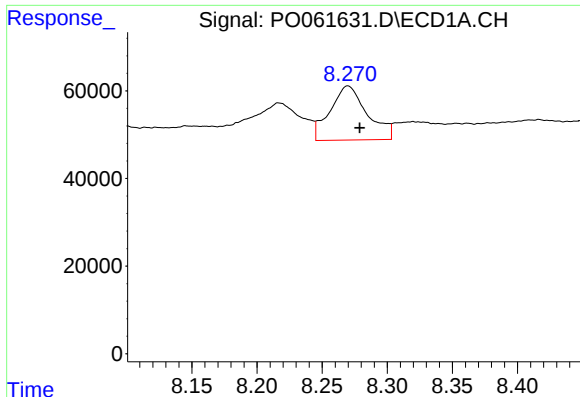
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: -0.009 min
Response: 163653
Conc: 42.71 ng/ml



#36 AR-1262-1

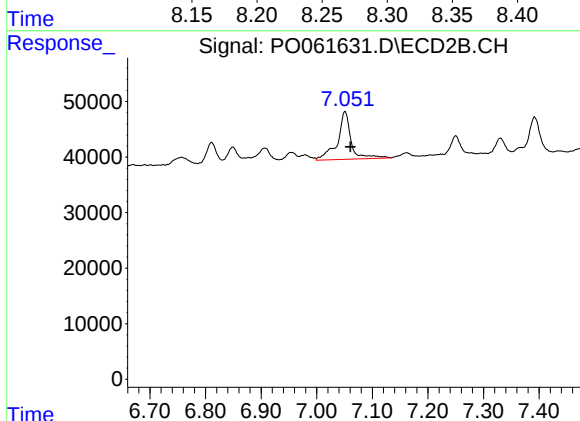
R.T.: 6.610 min
Delta R.T.: -0.009 min
Response: 29163
Conc: 23.89 ng/ml



#37 AR-1262-2

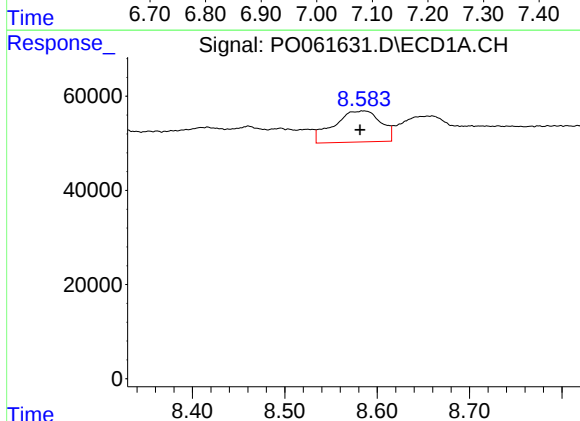
R.T.: 8.270 min
Delta R.T.: -0.009 min
Response: 245052
Conc: 39.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



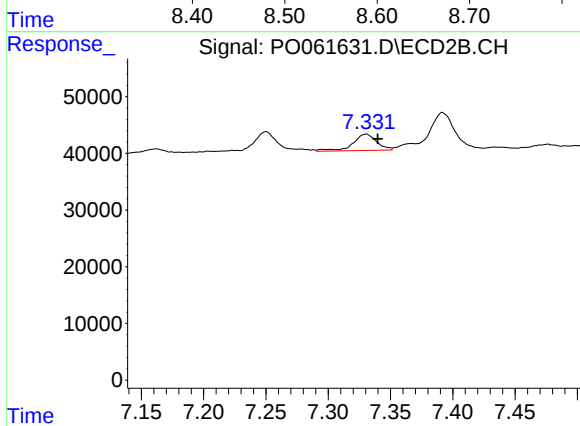
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 147001
Conc: 31.97 ng/ml



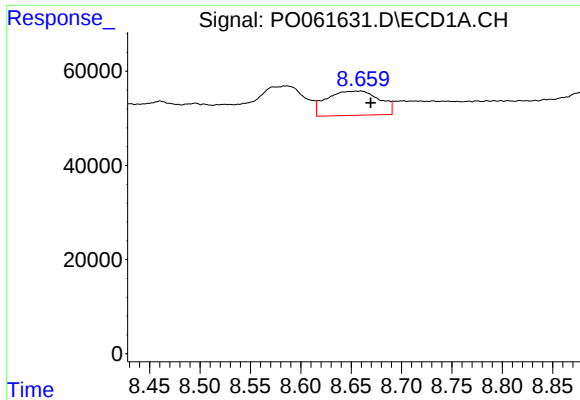
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.003 min
Response: 231774
Conc: 55.76 ng/ml



#38 AR-1262-3

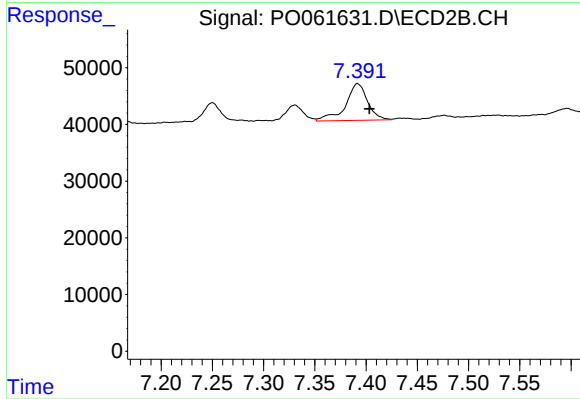
R.T.: 7.330 min
Delta R.T.: -0.009 min
Response: 38466
Conc: 20.42 ng/ml



#39 AR-1262-4

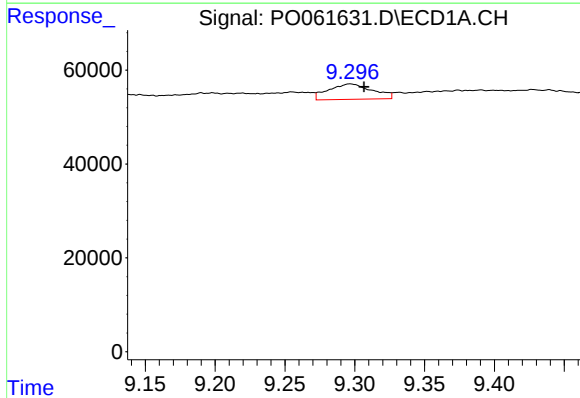
R.T.: 8.660 min
Delta R.T.: -0.010 min
Response: 187419
Conc: 59.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



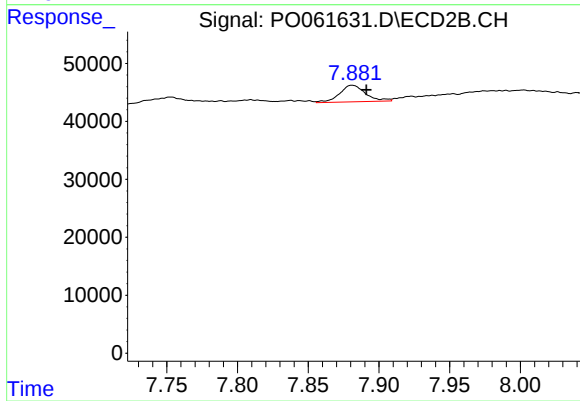
#39 AR-1262-4

R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 97078
Conc: 28.89 ng/ml



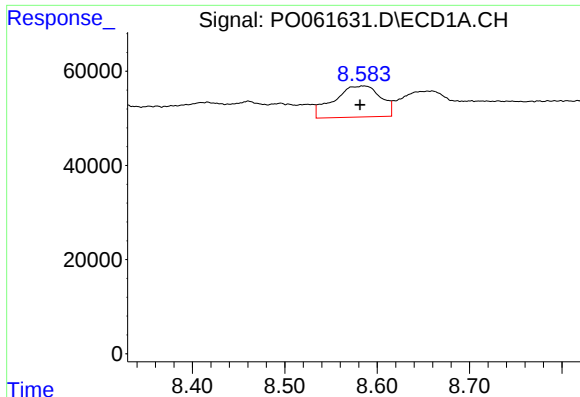
#40 AR-1262-5

R.T.: 9.297 min
Delta R.T.: -0.010 min
Response: 71774
Conc: 35.29 ng/ml



#40 AR-1262-5

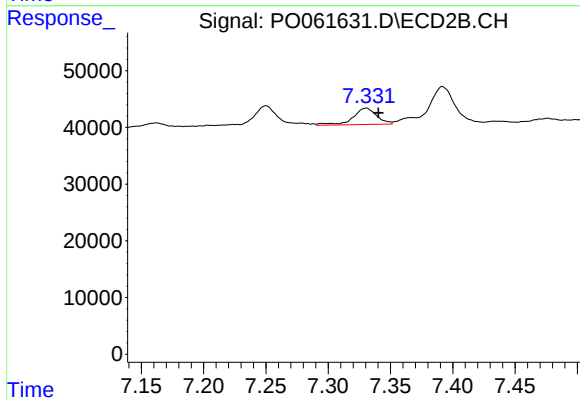
R.T.: 7.881 min
Delta R.T.: -0.010 min
Response: 36729
Conc: 24.23 ng/ml



#41 AR-1268-1

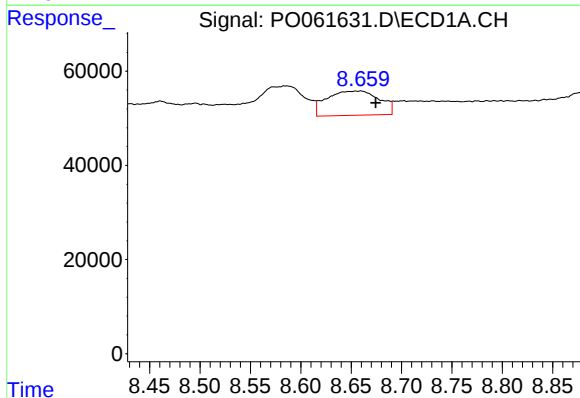
R.T.: 8.585 min
Delta R.T.: 0.003 min
Response: 231774
Conc: 34.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



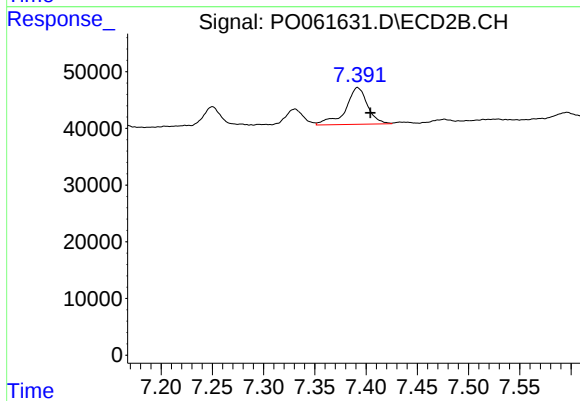
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.010 min
Response: 38466
Conc: 7.97 ng/ml



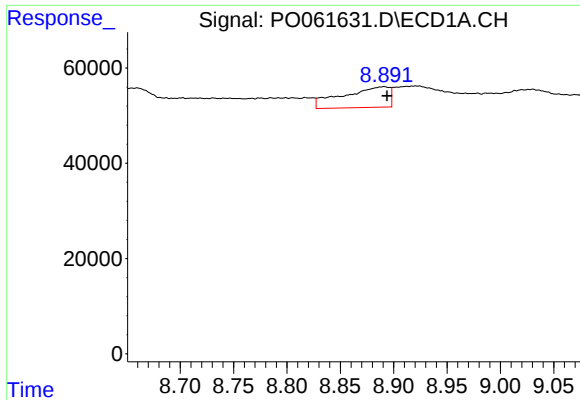
#42 AR-1268-2

R.T.: 8.660 min
Delta R.T.: -0.015 min
Response: 187419
Conc: 30.27 ng/ml



#42 AR-1268-2

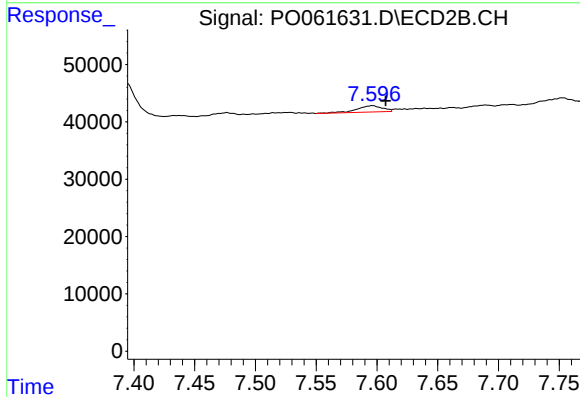
R.T.: 7.392 min
Delta R.T.: -0.013 min
Response: 97078
Conc: 22.52 ng/ml



#43 AR-1268-3

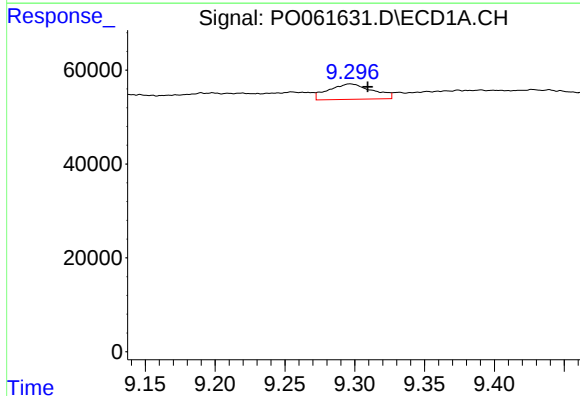
R.T.: 8.891 min
Delta R.T.: -0.003 min
Response: 132167
Conc: 25.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



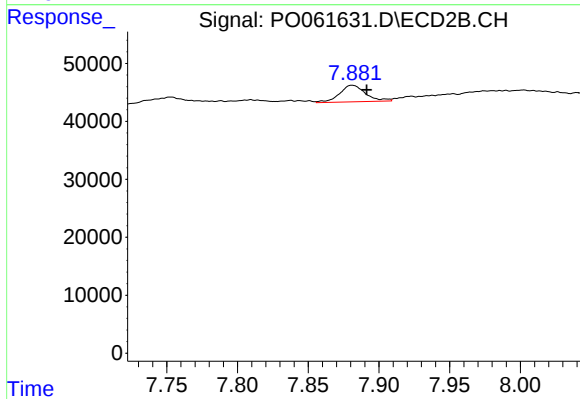
#43 AR-1268-3

R.T.: 7.596 min
Delta R.T.: -0.011 min
Response: 16311
Conc: 4.55 ng/ml



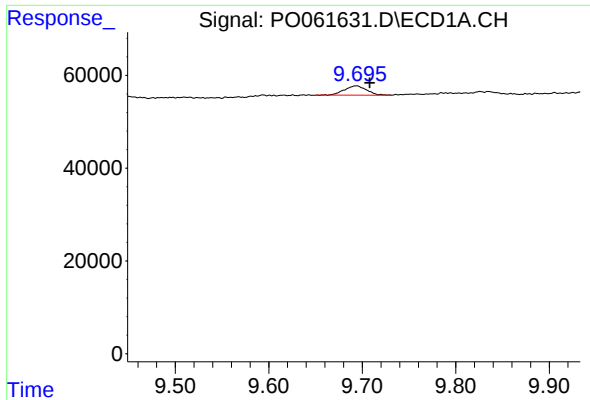
#44 AR-1268-4

R.T.: 9.297 min
Delta R.T.: -0.013 min
Response: 71774
Conc: 32.82 ng/ml



#44 AR-1268-4

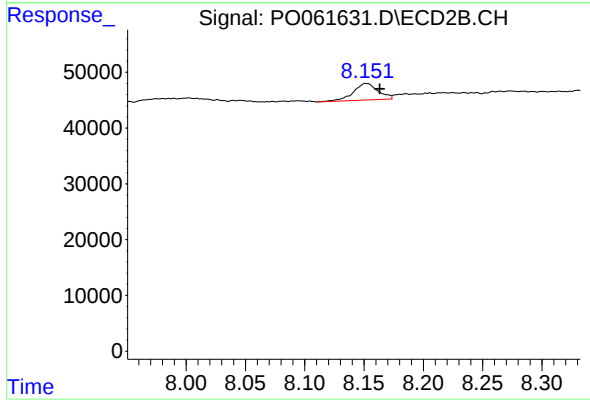
R.T.: 7.881 min
Delta R.T.: -0.010 min
Response: 36729
Conc: 22.82 ng/ml



#45 AR-1268-5

R.T.: 9.694 min
Delta R.T.: -0.014 min
Response: 33059
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.152 min
Delta R.T.: -0.011 min
Response: 43000
Conc: 4.28 ng/ml