

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : PO061670.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 23:59
 Operator : HP/AJ
 Sample : K5176-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:39:19 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...	4.379	3.538	867500	647090	21.151	20.009
2)	SA Decachlor...	10.048	8.405	593184	514855	12.737	15.902
Target Compounds							
3)	L1 AR-1016-1	5.542	4.577	7934	60761	4.327	45.187 #
4)	L1 AR-1016-2	5.565	4.612	15313	233090	5.924	125.766 #
5)	L1 AR-1016-3	5.635	4.780	82026	29181	51.060	29.131 #
6)	L1 AR-1016-4	5.748	4.823	7529658	23126	5631.992	26.687 #
7)	L1 AR-1016-5	5.996	5.025	67097	12107	48.925	10.607 #
8)	L2 AR-1221-1	4.579	3.736	3714	107472	8.034	271.411 #
9)	L2 AR-1221-2	4.644	3.805	26065	24255	72.601	78.649
10)	L2 AR-1221-3	4.742	3.900	32251	43062	28.327	47.209 #
11)	L3 AR-1232-1	4.742	3.900	32251	43062	23.062	38.352 #
12)	L3 AR-1232-2	5.259	4.612	52315	233090	66.681	190.950 #
13)	L3 AR-1232-3	5.542	4.752	7934	68872	4.643	104.311 #
14)	L3 AR-1232-4	5.748	4.823	7529658	23126	8510.145	36.688 #
15)	L3 AR-1232-5	5.789	5.009	78068	10601	112.598	15.450 #
16)	L4 AR-1242-1	5.542	4.577	7934	60761	5.587	59.308 #
17)	L4 AR-1242-2	5.565	4.612	15313	233090	7.619	165.286 #
18)	L4 AR-1242-3	5.635	4.780	82026	29181	65.003	37.370 #
19)	L4 AR-1242-4	5.748	4.882	7529658	32645	7165.861	39.782 #
20)	L4 AR-1242-5	6.455	5.373	43606	62134	32.603	58.002 #
21)	L5 AR-1248-1	5.542	4.577	7934	60761	6.753	67.903 #
22)	L5 AR-1248-2	5.789	4.823	78068	23126	46.271	19.627 #
23)	L5 AR-1248-3	5.996	4.882	67097	32645	35.903	26.300 #
24)	L5 AR-1248-4	6.414	5.025	138279	12107	58.522	8.054 #
25)	L5 AR-1248-5	6.455	5.413	43606	58912	19.231	38.400 #
26)	L6 AR-1254-1	6.414	5.373	138279	62134	60.611	28.329 #
27)	L6 AR-1254-2	6.609	5.514	107973	19150	29.884	9.768 #
28)	L6 AR-1254-3	6.977	5.874	47847	14967	12.245	4.701 #
29)	L6 AR-1254-4	7.263	6.126	70744	62969	23.358	31.037 #
30)	L6 AR-1254-5	7.678	6.541	141750	130249	45.137	46.049
31)	L7 AR-1260-1	7.162	6.034	31428	26888	12.039	13.182
32)	L7 AR-1260-2	7.393	6.224	198817	96369	62.364	40.125 #
33)	L7 AR-1260-3	7.756	6.369	152172	53540	63.356	23.763 #
34)	L7 AR-1260-4	7.976	6.831	180812	106680	67.668	57.783
35)	L7 AR-1260-5	8.291	7.071	240342	129180	48.572	33.177 #
36)	L8 AR-1262-1	7.756	6.632	152172	52964	39.716	43.390
37)	L8 AR-1262-2	8.291	7.071	240342	129180	38.714	28.095 #
38)	L8 AR-1262-3	8.612	7.325	509119	187803	122.493	99.692
39)	L8 AR-1262-4	8.650	7.389	206954	550432	65.557	163.783 #
40)	L8 AR-1262-5	9.322	7.864	76557	189784	37.645	125.190 #
41)	L9 AR-1268-1	8.612	7.325	509119	187803	75.712	38.890 #

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 ALS Vial : 23 Sample Multiplier: 1

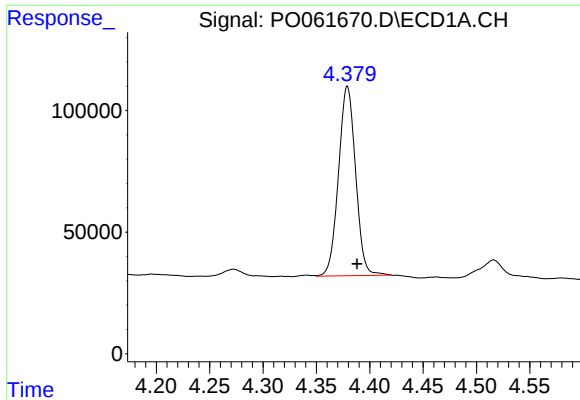
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:39:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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 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	8.650	7.389	206954	550432	33.420	127.716 #
43) L9	AR-1268-3	8.912	7.585	49788	190007	9.739	53.012 #
44) L9	AR-1268-4	9.322	7.864	76557	189784	35.012	117.923 #
45) L9	AR-1268-5	9.720	8.158	21797	46565	1.451	4.631 #

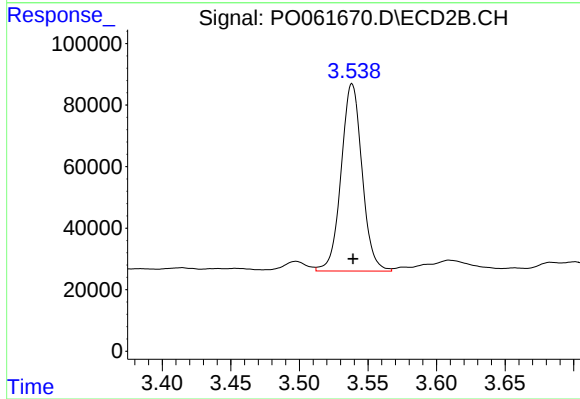
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

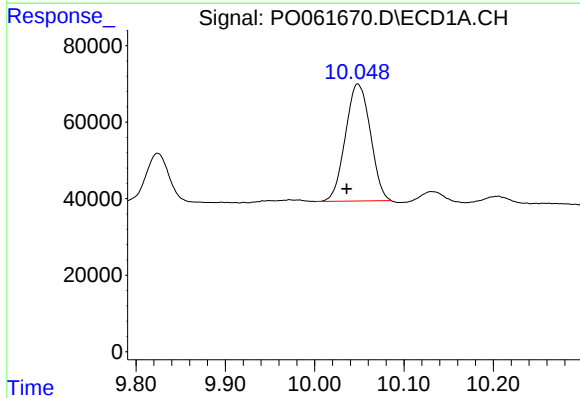
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 867500
Conc: 21.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



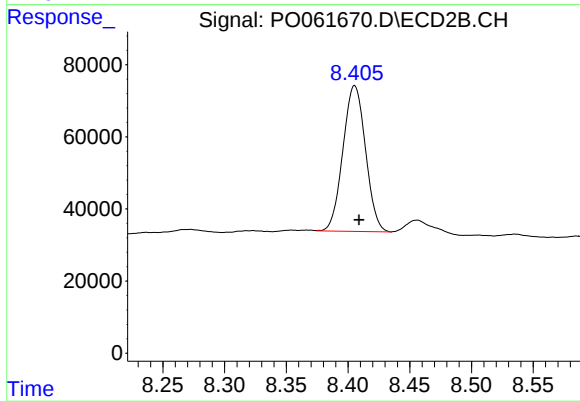
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 647090
Conc: 20.01 ng/ml



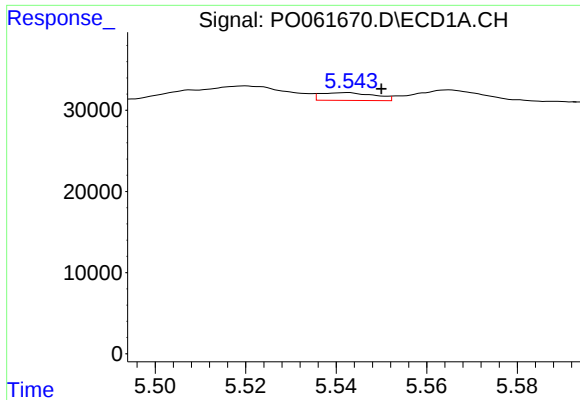
#2 Decachlorobiphenyl

R.T.: 10.048 min
Delta R.T.: 0.012 min
Response: 593184
Conc: 12.74 ng/ml



#2 Decachlorobiphenyl

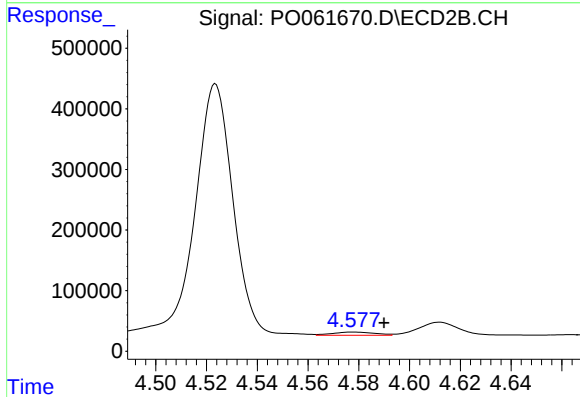
R.T.: 8.405 min
Delta R.T.: -0.004 min
Response: 514855
Conc: 15.90 ng/ml



#3 AR-1016-1

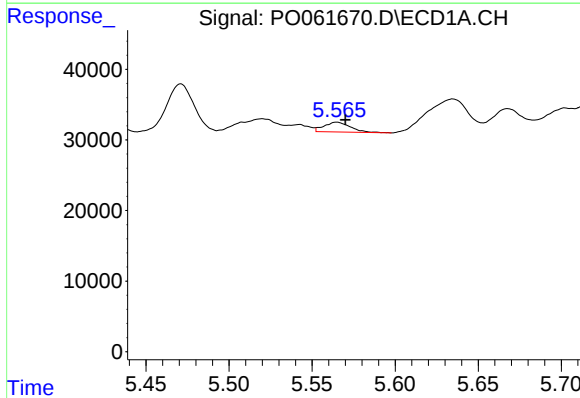
R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 7934
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



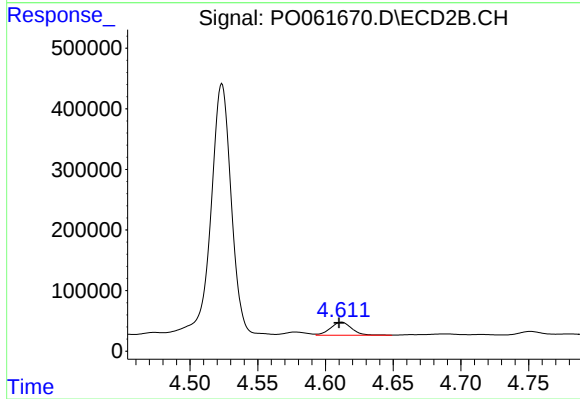
#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: -0.013 min
Response: 60761
Conc: 45.19 ng/ml



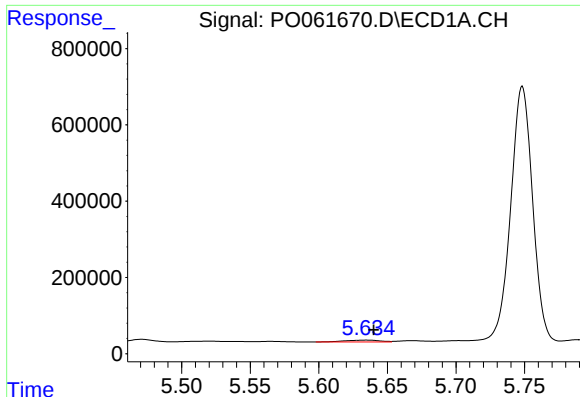
#4 AR-1016-2

R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 15313
Conc: 5.92 ng/ml



#4 AR-1016-2

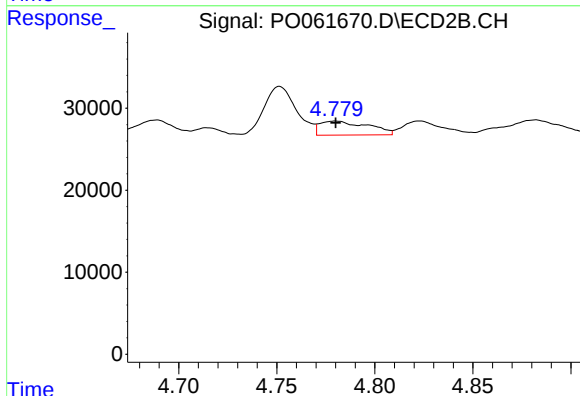
R.T.: 4.612 min
Delta R.T.: 0.002 min
Response: 233090
Conc: 125.77 ng/ml



#5 AR-1016-3

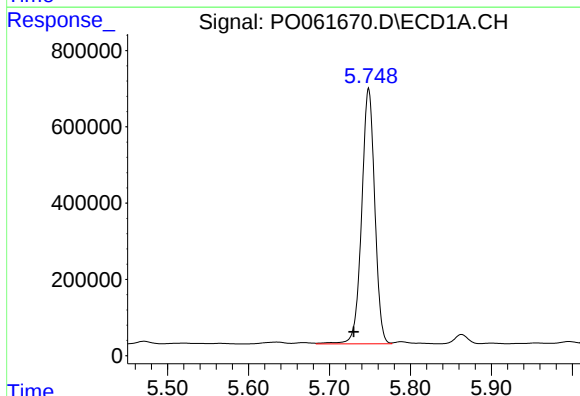
R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 82026
Conc: 51.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



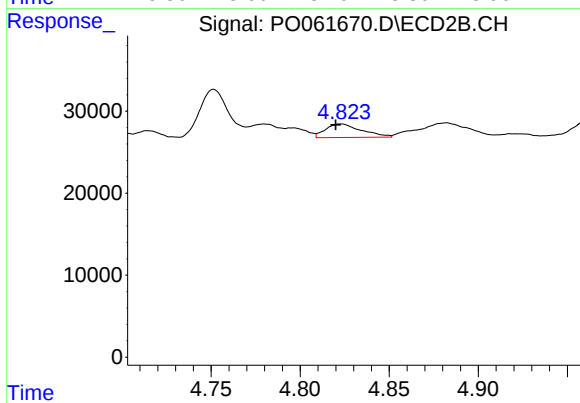
#5 AR-1016-3

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 29181
Conc: 29.13 ng/ml



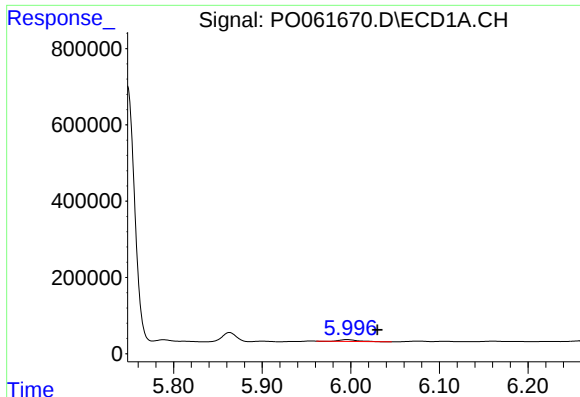
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: 0.018 min
Response: 7529658
Conc: 5631.99 ng/ml



#6 AR-1016-4

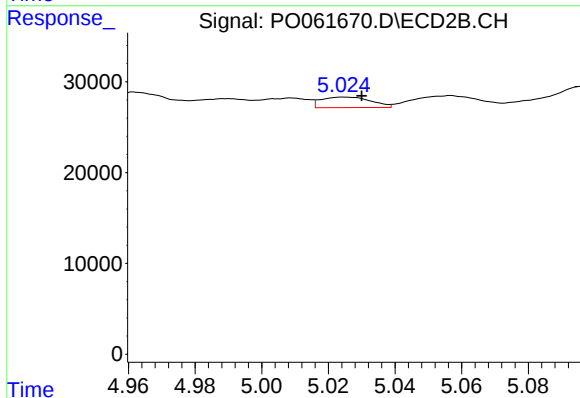
R.T.: 4.823 min
Delta R.T.: 0.003 min
Response: 23126
Conc: 26.69 ng/ml



#7 AR-1016-5

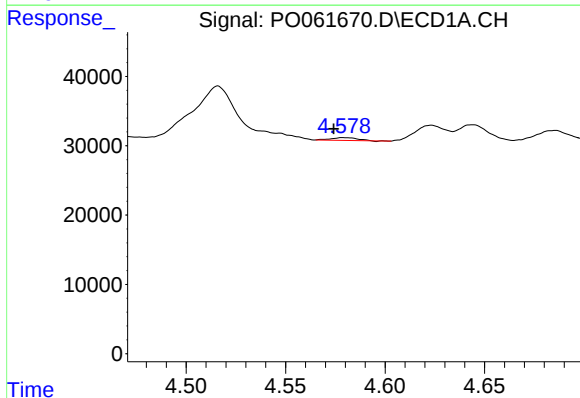
R.T.: 5.996 min
Delta R.T.: -0.034 min
Response: 67097
Conc: 48.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



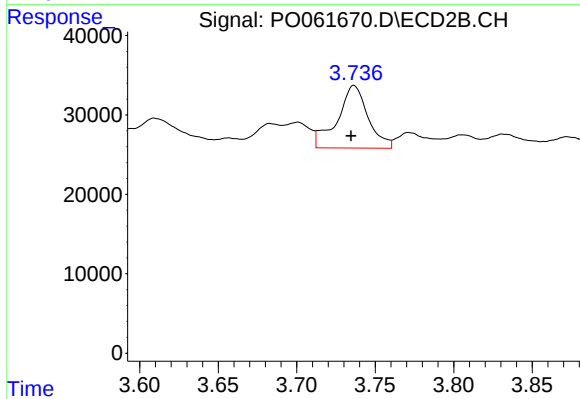
#7 AR-1016-5

R.T.: 5.025 min
Delta R.T.: -0.005 min
Response: 12107
Conc: 10.61 ng/ml



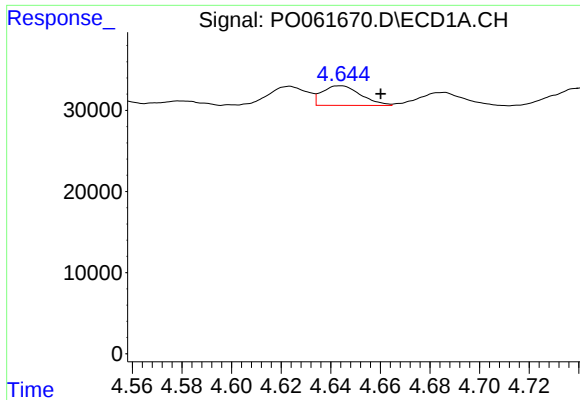
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: 0.005 min
Response: 3714
Conc: 8.03 ng/ml



#8 AR-1221-1

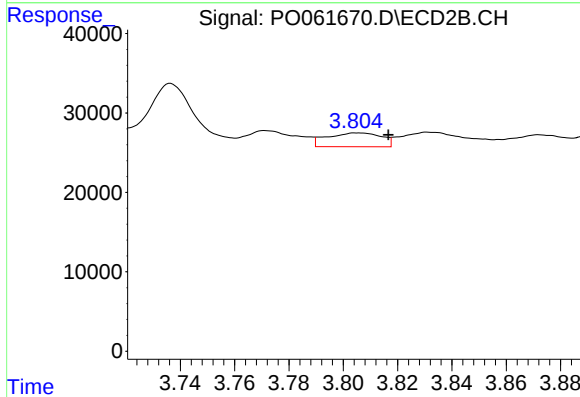
R.T.: 3.736 min
Delta R.T.: 0.002 min
Response: 107472
Conc: 271.41 ng/ml



#9 AR-1221-2

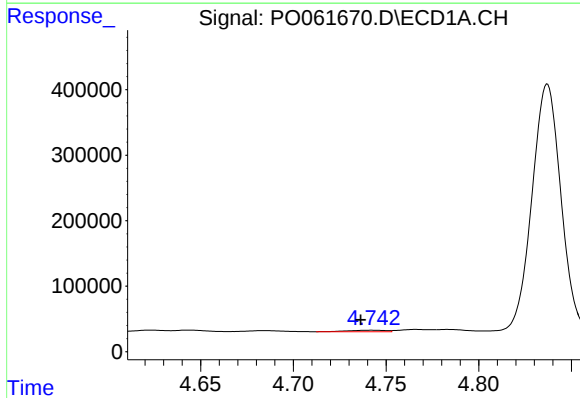
R.T.: 4.644 min
Delta R.T.: -0.016 min
Response: 26065
Conc: 72.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



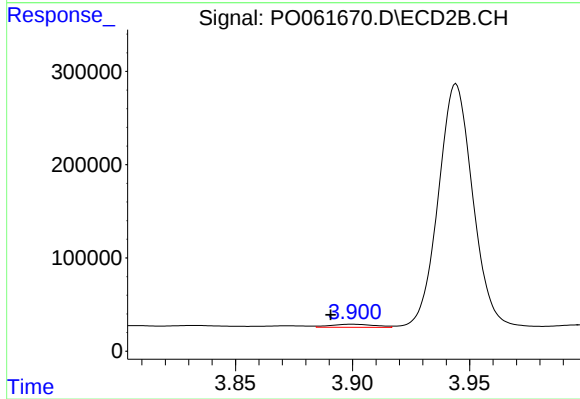
#9 AR-1221-2

R.T.: 3.805 min
Delta R.T.: -0.012 min
Response: 24255
Conc: 78.65 ng/ml



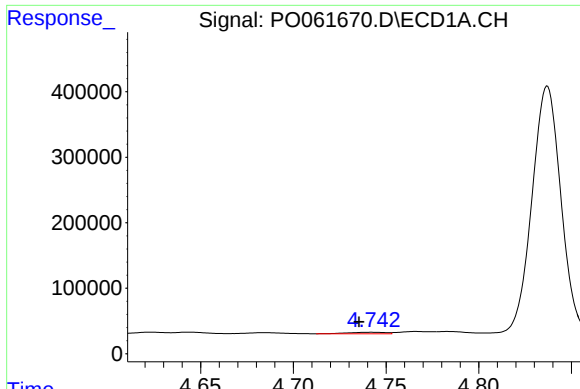
#10 AR-1221-3

R.T.: 4.742 min
Delta R.T.: 0.006 min
Response: 32251
Conc: 28.33 ng/ml



#10 AR-1221-3

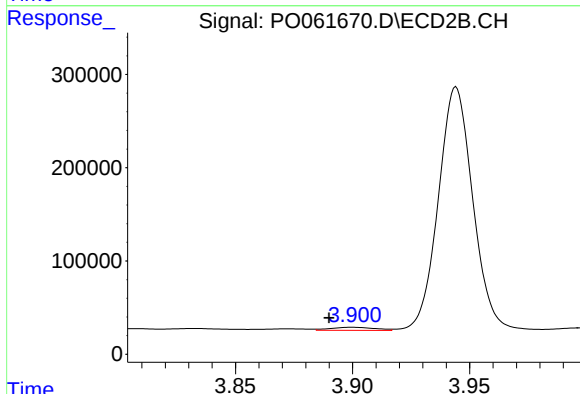
R.T.: 3.900 min
Delta R.T.: 0.009 min
Response: 43062
Conc: 47.21 ng/ml



#11 AR-1232-1

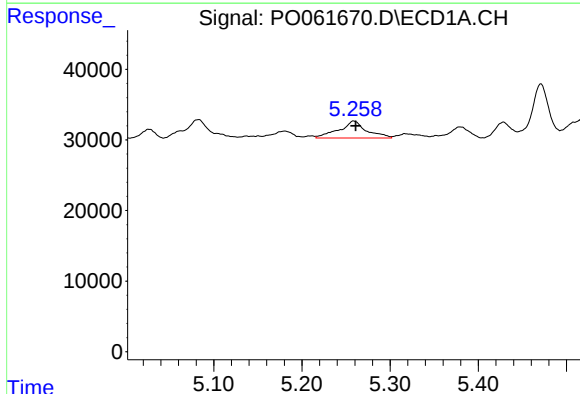
R.T.: 4.742 min
Delta R.T.: 0.006 min
Response: 32251
Conc: 23.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



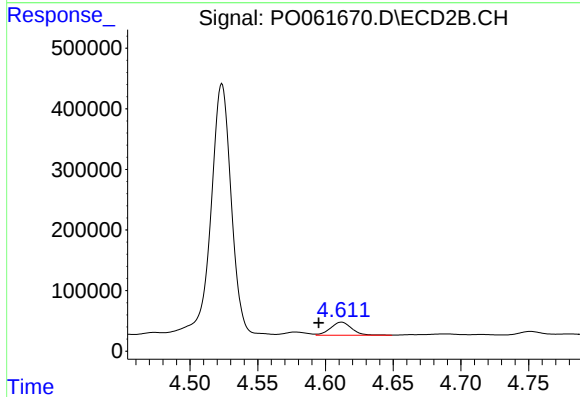
#11 AR-1232-1

R.T.: 3.900 min
Delta R.T.: 0.010 min
Response: 43062
Conc: 38.35 ng/ml



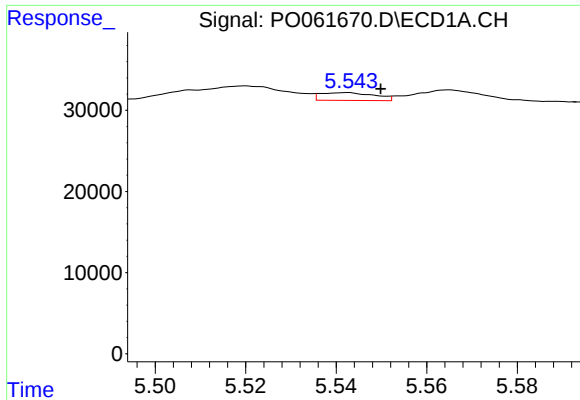
#12 AR-1232-2

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 52315
Conc: 66.68 ng/ml



#12 AR-1232-2

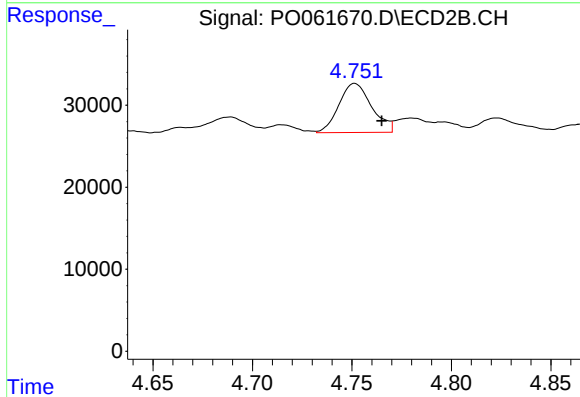
R.T.: 4.612 min
Delta R.T.: 0.017 min
Response: 233090
Conc: 190.95 ng/ml



#13 AR-1232-3

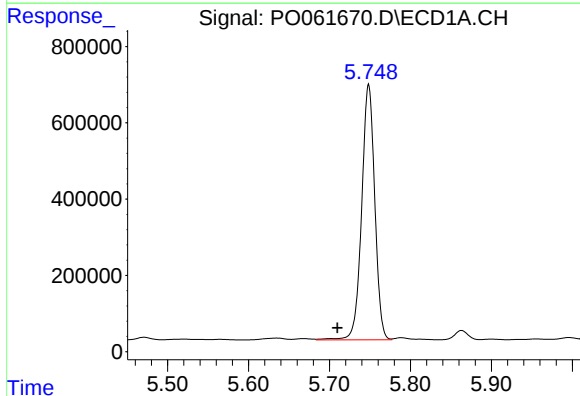
R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 7934
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



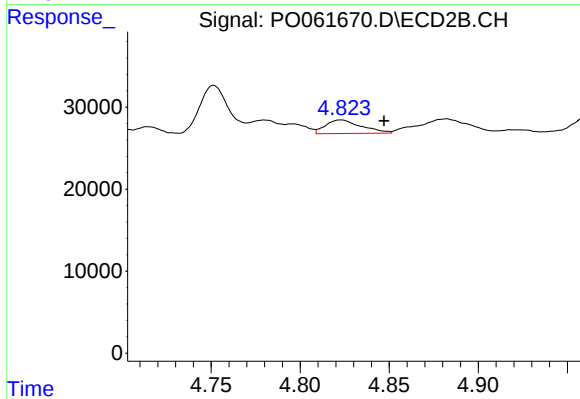
#13 AR-1232-3

R.T.: 4.752 min
Delta R.T.: -0.014 min
Response: 68872
Conc: 104.31 ng/ml



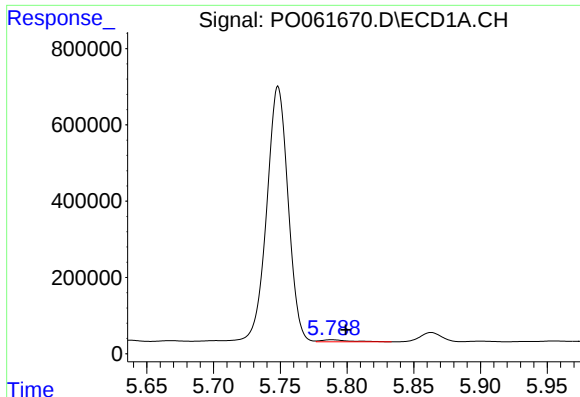
#14 AR-1232-4

R.T.: 5.748 min
Delta R.T.: 0.038 min
Response: 7529658
Conc: 8510.14 ng/ml



#14 AR-1232-4

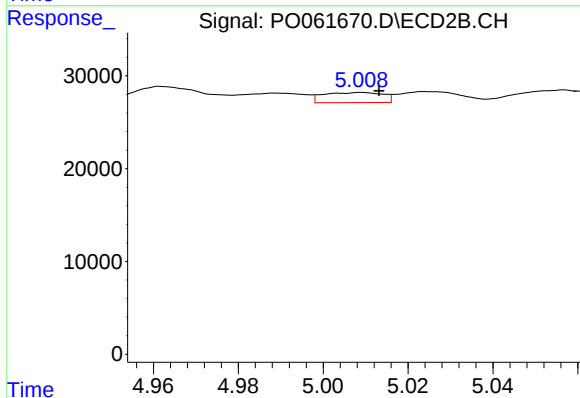
R.T.: 4.823 min
Delta R.T.: -0.024 min
Response: 23126
Conc: 36.69 ng/ml



#15 AR-1232-5

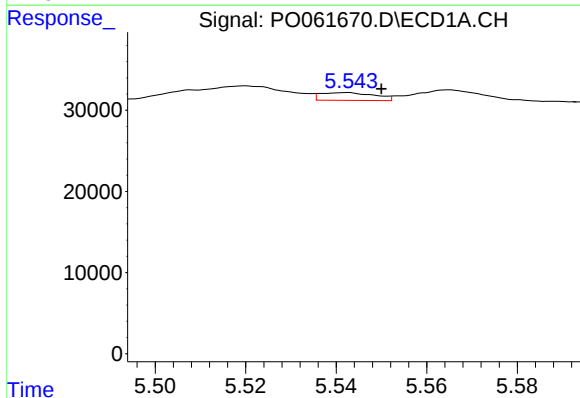
R.T.: 5.789 min
Delta R.T.: -0.010 min
Response: 78068
Conc: 112.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



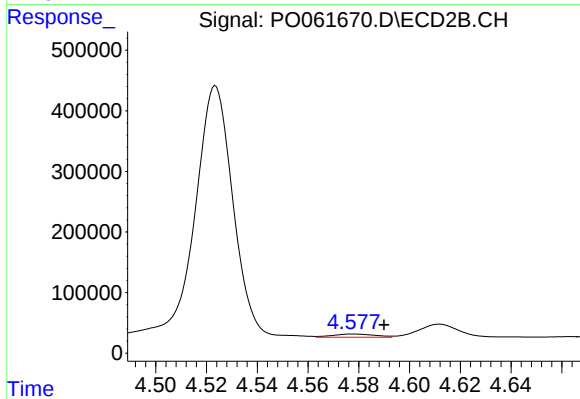
#15 AR-1232-5

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 10601
Conc: 15.45 ng/ml



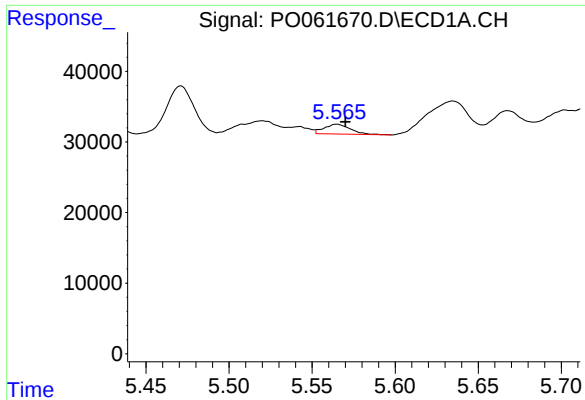
#16 AR-1242-1

R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 7934
Conc: 5.59 ng/ml



#16 AR-1242-1

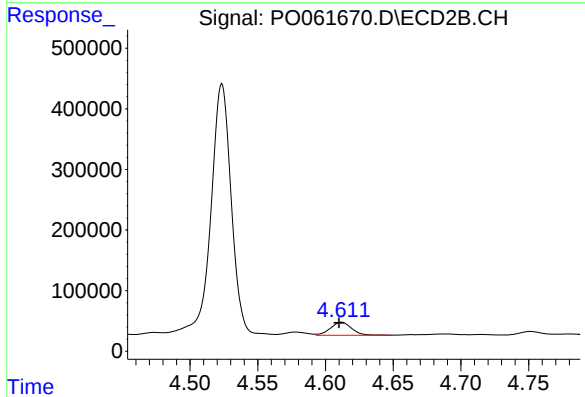
R.T.: 4.577 min
Delta R.T.: -0.013 min
Response: 60761
Conc: 59.31 ng/ml



#17 AR-1242-2

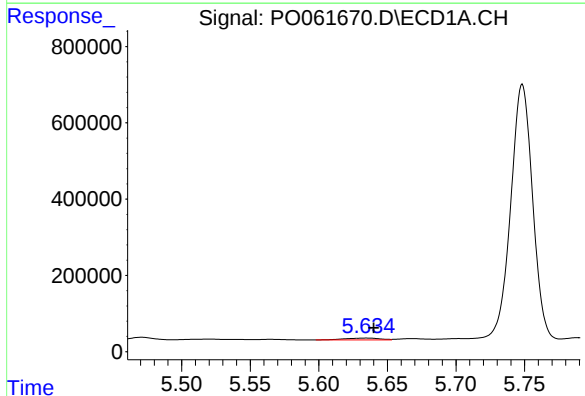
R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 15313
Conc: 7.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



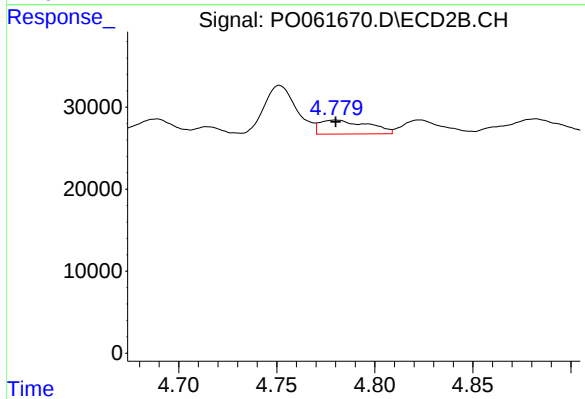
#17 AR-1242-2

R.T.: 4.612 min
Delta R.T.: 0.002 min
Response: 233090
Conc: 165.29 ng/ml



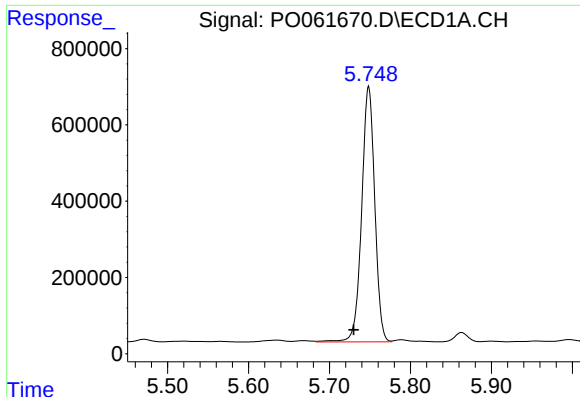
#18 AR-1242-3

R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 82026
Conc: 65.00 ng/ml



#18 AR-1242-3

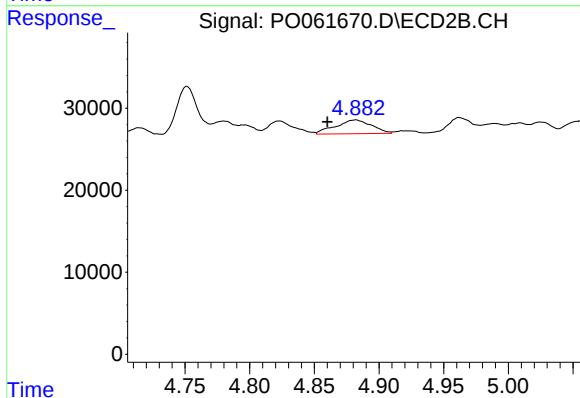
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 29181
Conc: 37.37 ng/ml



#19 AR-1242-4

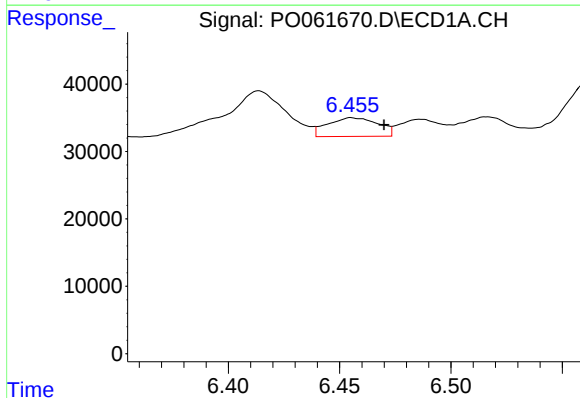
R.T.: 5.748 min
Delta R.T.: 0.018 min
Response: 7529658
Conc: 7165.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



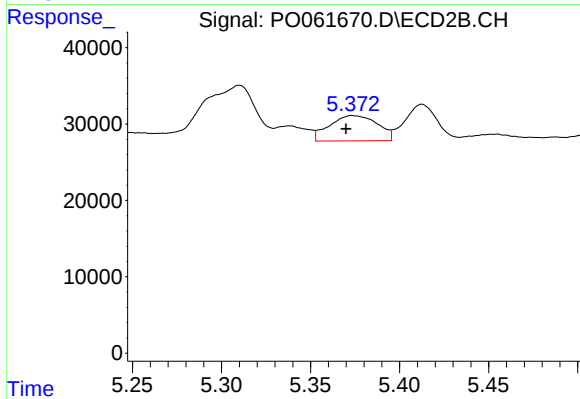
#19 AR-1242-4

R.T.: 4.882 min
Delta R.T.: 0.022 min
Response: 32645
Conc: 39.78 ng/ml



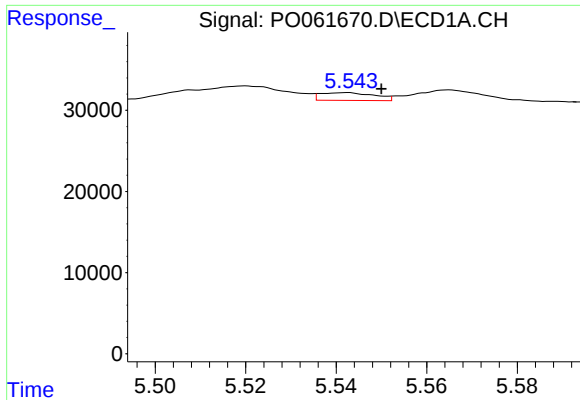
#20 AR-1242-5

R.T.: 6.455 min
Delta R.T.: -0.015 min
Response: 43606
Conc: 32.60 ng/ml



#20 AR-1242-5

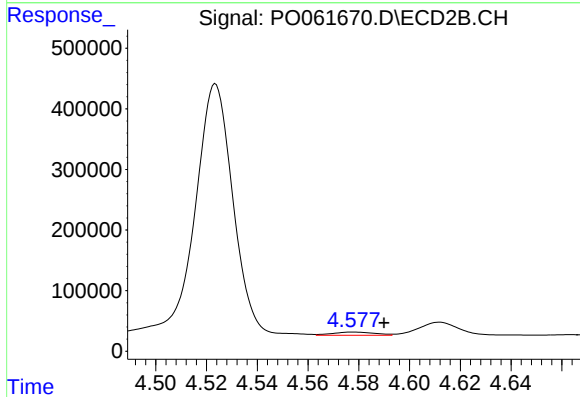
R.T.: 5.373 min
Delta R.T.: 0.003 min
Response: 62134
Conc: 58.00 ng/ml



#21 AR-1248-1

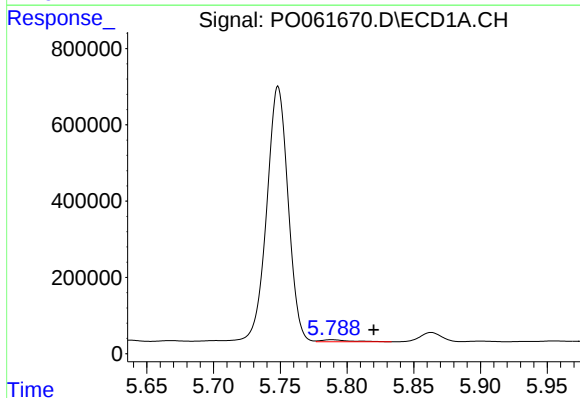
R.T.: 5.542 min
Delta R.T.: -0.008 min
Response: 7934
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



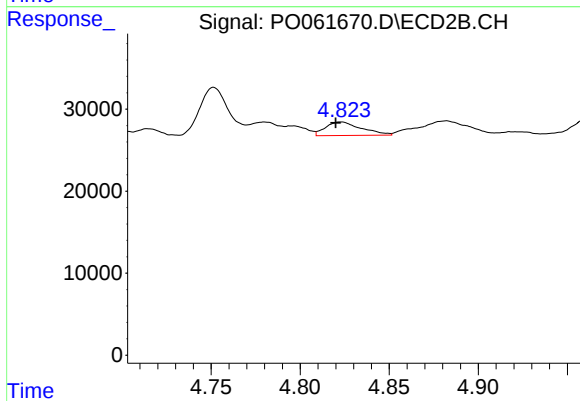
#21 AR-1248-1

R.T.: 4.577 min
Delta R.T.: -0.013 min
Response: 60761
Conc: 67.90 ng/ml



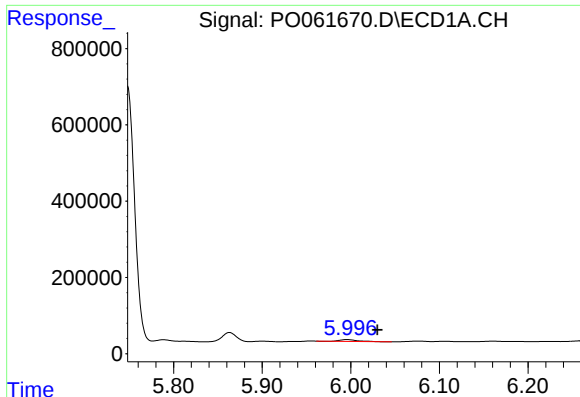
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: -0.031 min
Response: 78068
Conc: 46.27 ng/ml



#22 AR-1248-2

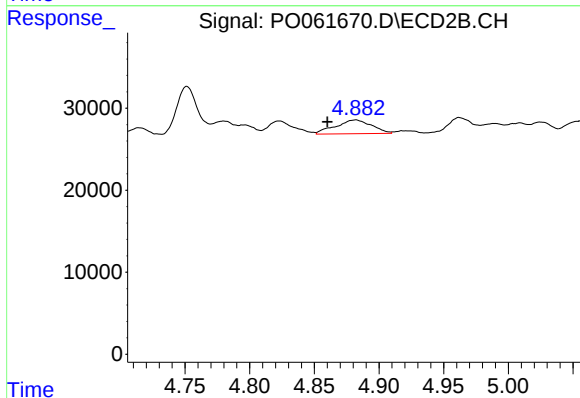
R.T.: 4.823 min
Delta R.T.: 0.003 min
Response: 23126
Conc: 19.63 ng/ml



#23 AR-1248-3

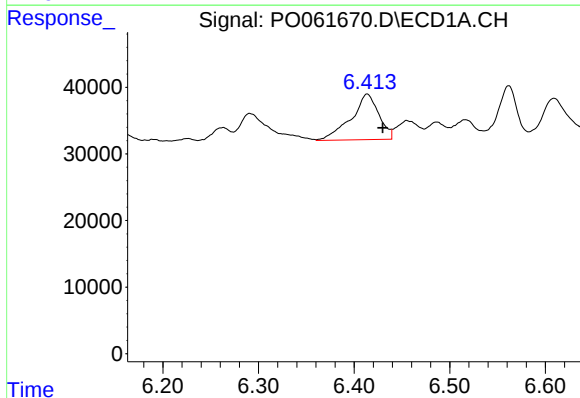
R.T.: 5.996 min
Delta R.T.: -0.034 min
Response: 67097
Conc: 35.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



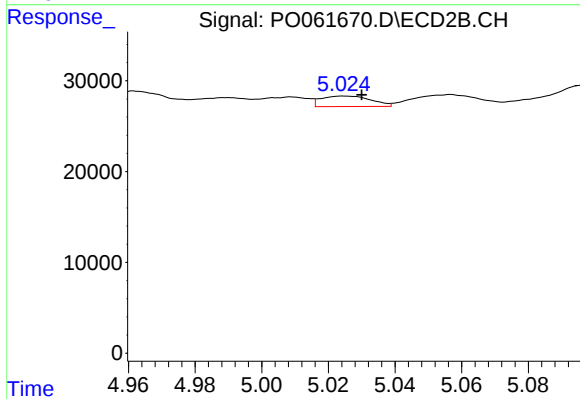
#23 AR-1248-3

R.T.: 4.882 min
Delta R.T.: 0.022 min
Response: 32645
Conc: 26.30 ng/ml



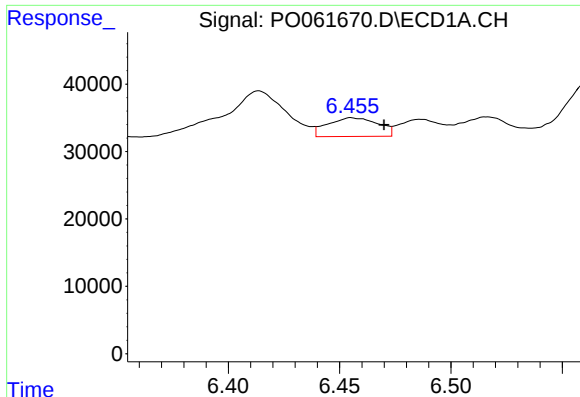
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: -0.016 min
Response: 138279
Conc: 58.52 ng/ml



#24 AR-1248-4

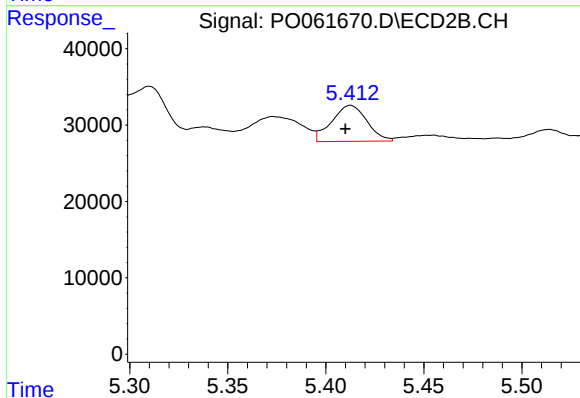
R.T.: 5.025 min
Delta R.T.: -0.005 min
Response: 12107
Conc: 8.05 ng/ml



#25 AR-1248-5

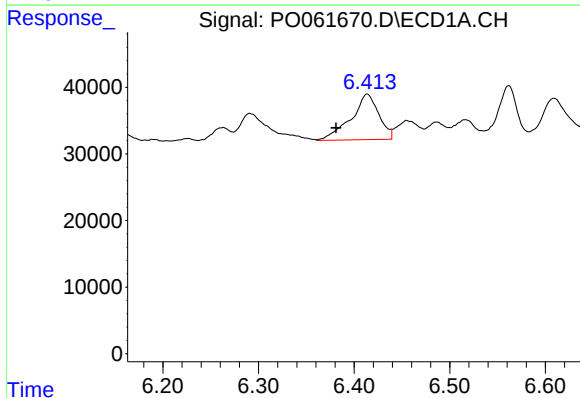
R.T.: 6.455 min
Delta R.T.: -0.015 min
Response: 43606
Conc: 19.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



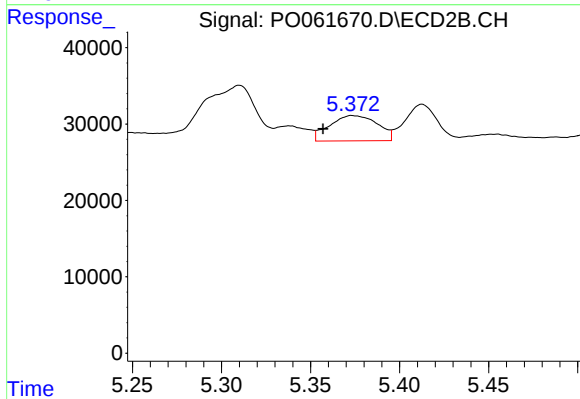
#25 AR-1248-5

R.T.: 5.413 min
Delta R.T.: 0.003 min
Response: 58912
Conc: 38.40 ng/ml



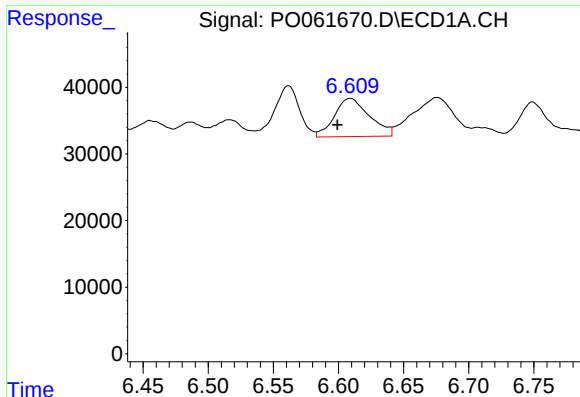
#26 AR-1254-1

R.T.: 6.414 min
Delta R.T.: 0.033 min
Response: 138279
Conc: 60.61 ng/ml



#26 AR-1254-1

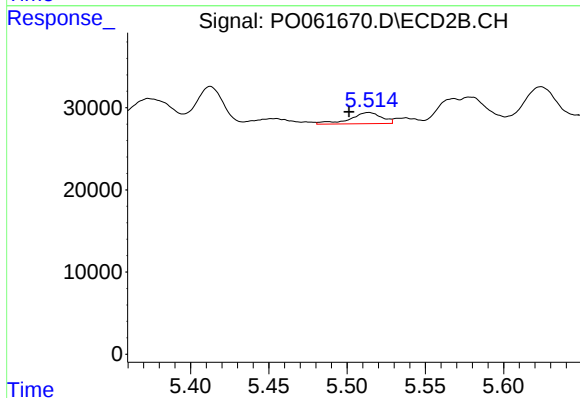
R.T.: 5.373 min
Delta R.T.: 0.016 min
Response: 62134
Conc: 28.33 ng/ml



#27 AR-1254-2

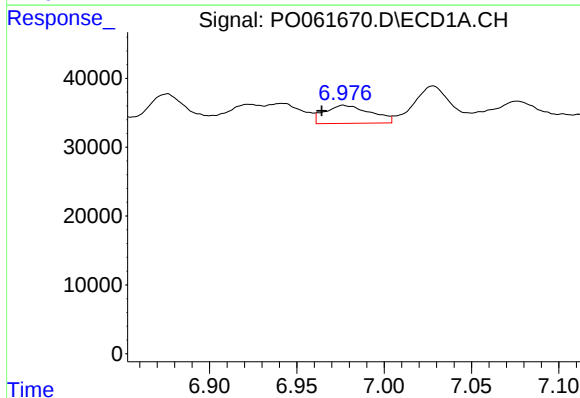
R.T.: 6.609 min
Delta R.T.: 0.010 min
Response: 107973
Conc: 29.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



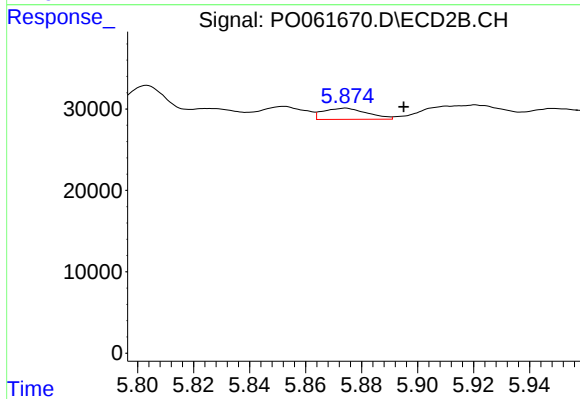
#27 AR-1254-2

R.T.: 5.514 min
Delta R.T.: 0.013 min
Response: 19150
Conc: 9.77 ng/ml



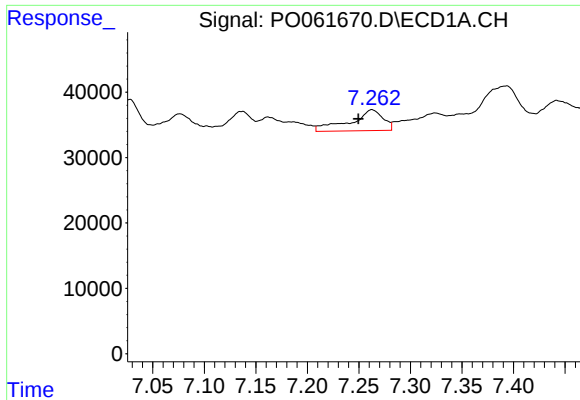
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.012 min
Response: 47847
Conc: 12.25 ng/ml



#28 AR-1254-3

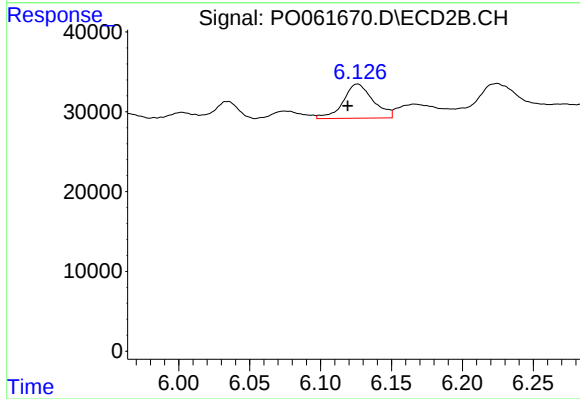
R.T.: 5.874 min
Delta R.T.: -0.021 min
Response: 14967
Conc: 4.70 ng/ml



#29 AR-1254-4

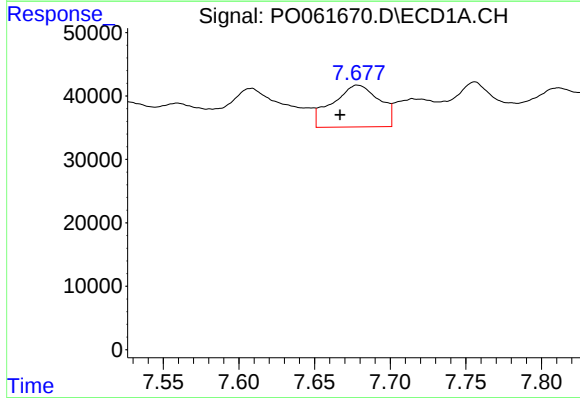
R.T.: 7.263 min
Delta R.T.: 0.013 min
Response: 70744
Conc: 23.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



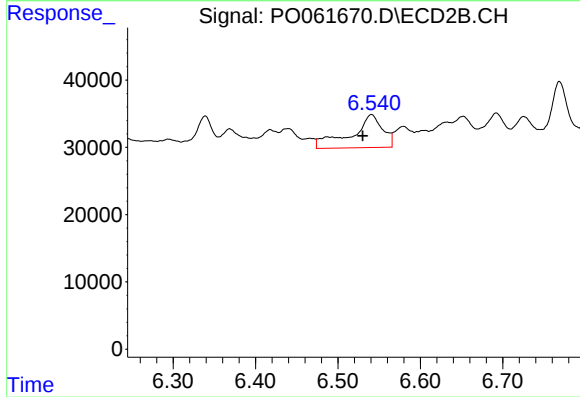
#29 AR-1254-4

R.T.: 6.126 min
Delta R.T.: 0.007 min
Response: 62969
Conc: 31.04 ng/ml



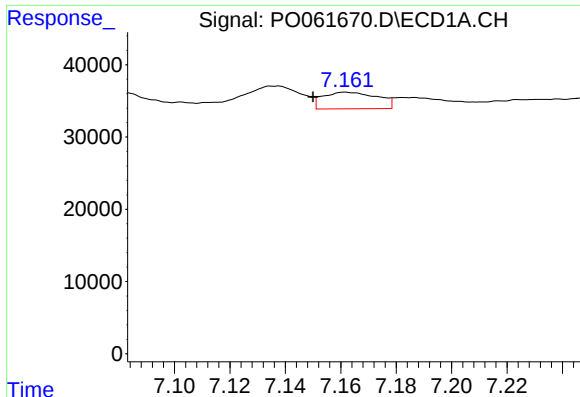
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: 0.012 min
Response: 141750
Conc: 45.14 ng/ml



#30 AR-1254-5

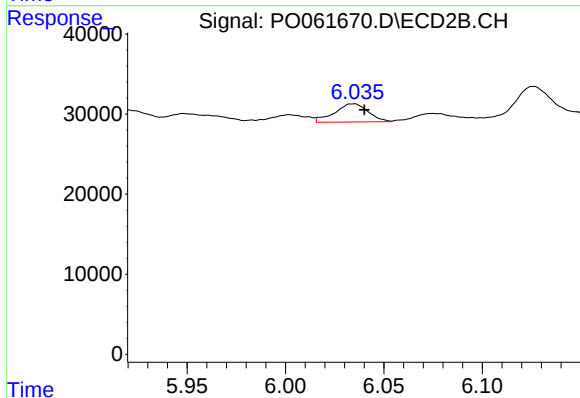
R.T.: 6.541 min
Delta R.T.: 0.011 min
Response: 130249
Conc: 46.05 ng/ml



#31 AR-1260-1

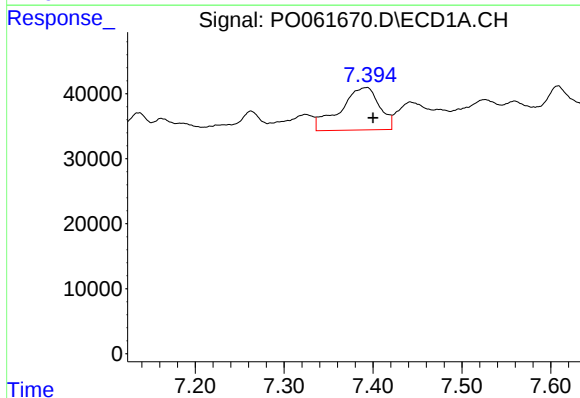
R.T.: 7.162 min
Delta R.T.: 0.012 min
Response: 31428
Conc: 12.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



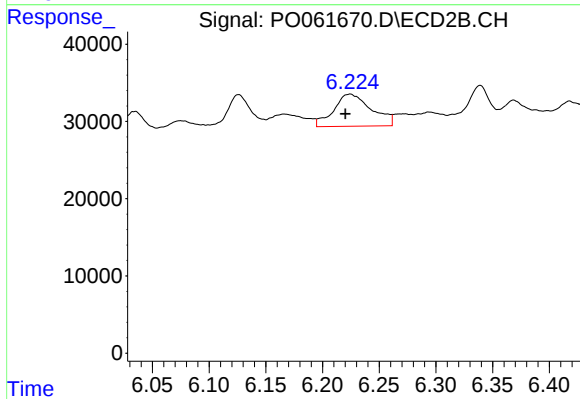
#31 AR-1260-1

R.T.: 6.034 min
Delta R.T.: -0.006 min
Response: 26888
Conc: 13.18 ng/ml



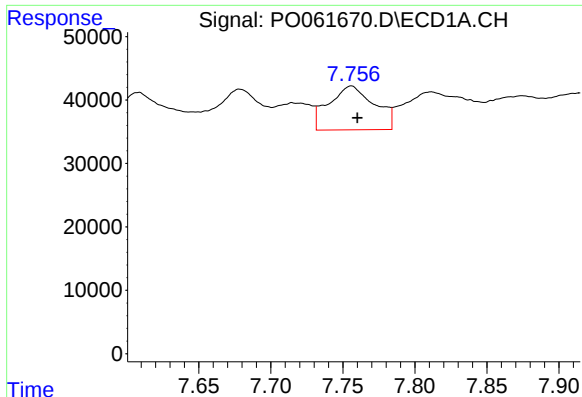
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: -0.007 min
Response: 198817
Conc: 62.36 ng/ml



#32 AR-1260-2

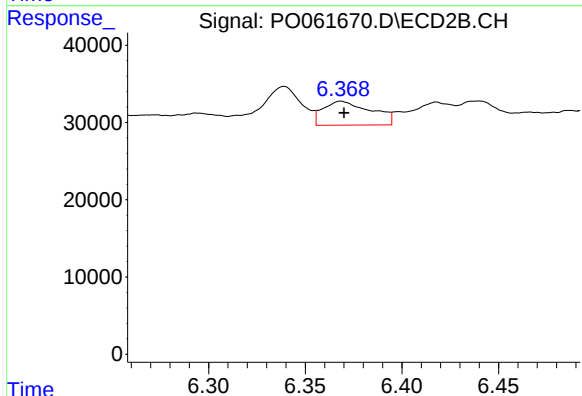
R.T.: 6.224 min
Delta R.T.: 0.004 min
Response: 96369
Conc: 40.12 ng/ml



#33 AR-1260-3

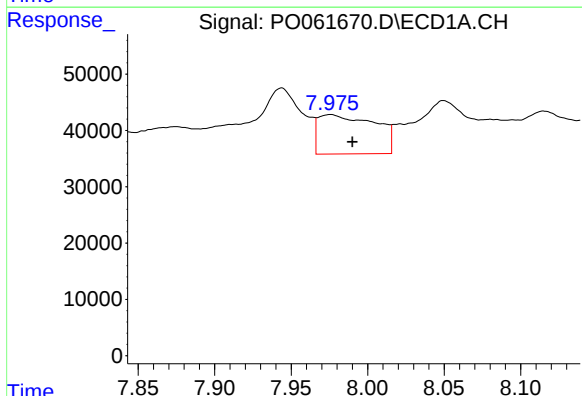
R.T.: 7.756 min
Delta R.T.: -0.004 min
Response: 152172
Conc: 63.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



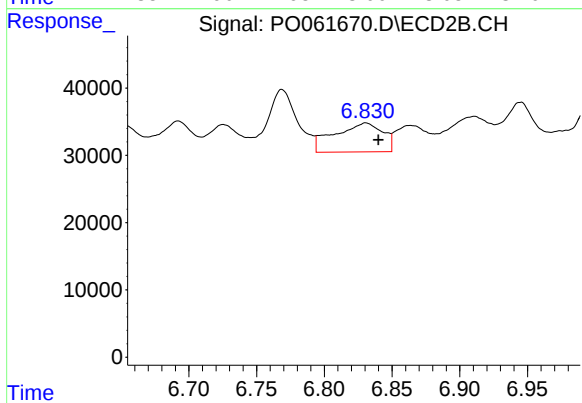
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 53540
Conc: 23.76 ng/ml



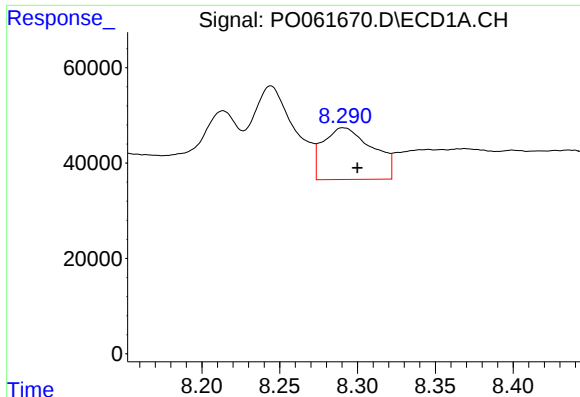
#34 AR-1260-4

R.T.: 7.976 min
Delta R.T.: -0.014 min
Response: 180812
Conc: 67.67 ng/ml



#34 AR-1260-4

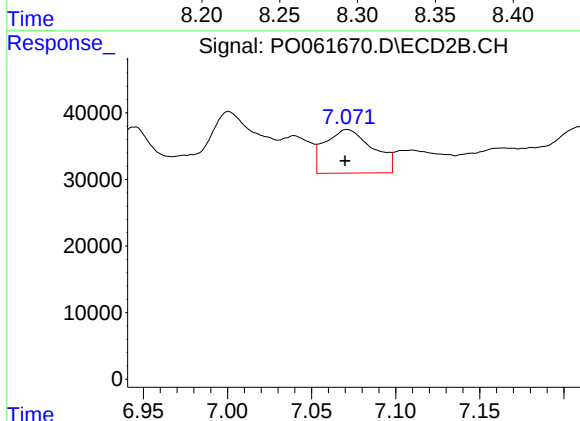
R.T.: 6.831 min
Delta R.T.: -0.009 min
Response: 106680
Conc: 57.78 ng/ml



#35 AR-1260-5

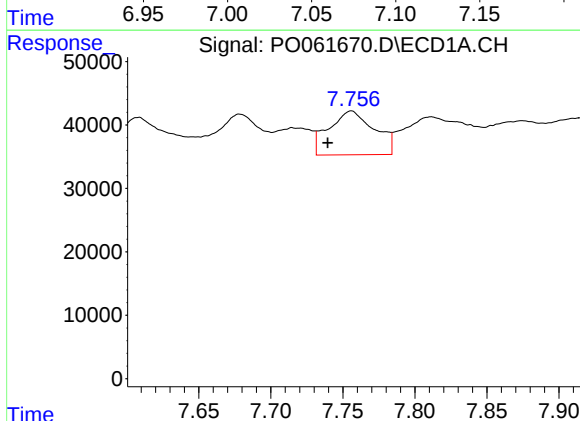
R.T.: 8.291 min
Delta R.T.: -0.009 min
Response: 240342
Conc: 48.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



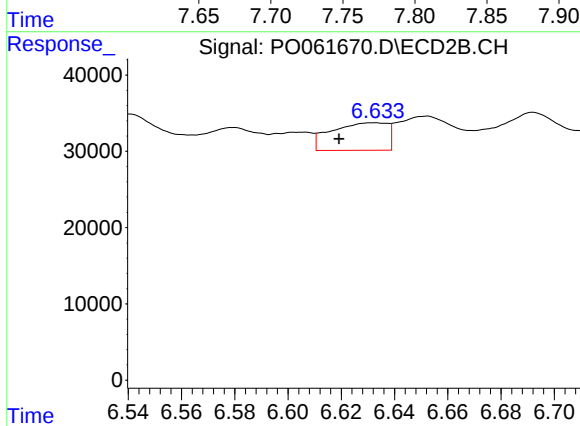
#35 AR-1260-5

R.T.: 7.071 min
Delta R.T.: 0.001 min
Response: 129180
Conc: 33.18 ng/ml



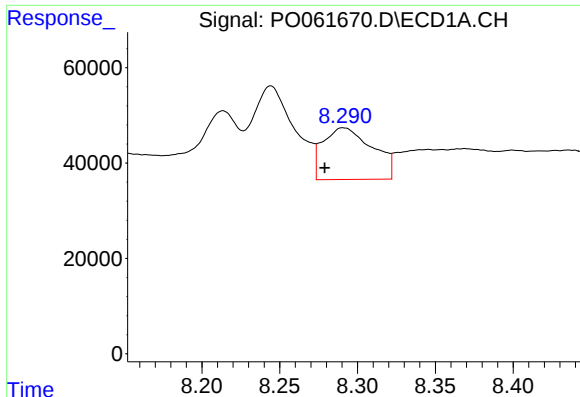
#36 AR-1262-1

R.T.: 7.756 min
Delta R.T.: 0.016 min
Response: 152172
Conc: 39.72 ng/ml



#36 AR-1262-1

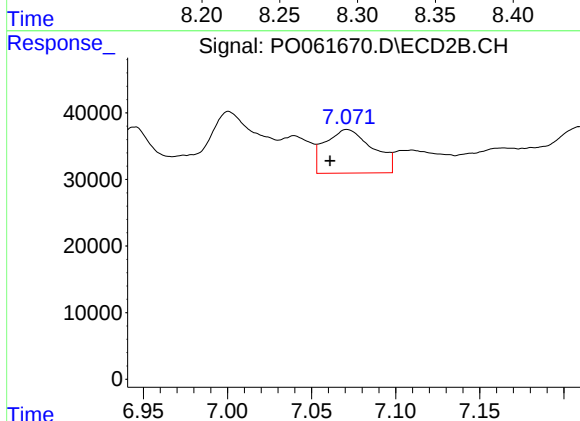
R.T.: 6.632 min
Delta R.T.: 0.013 min
Response: 52964
Conc: 43.39 ng/ml



#37 AR-1262-2

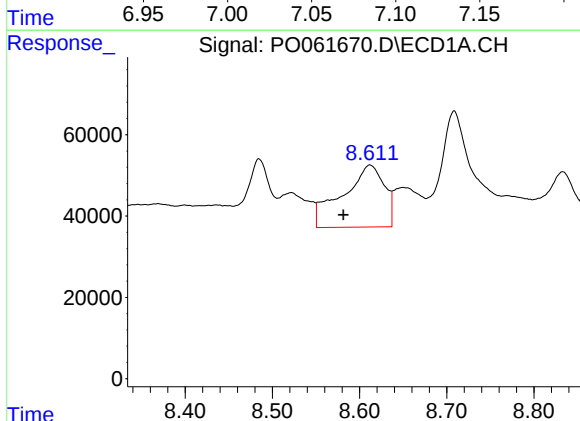
R.T.: 8.291 min
Delta R.T.: 0.012 min
Response: 240342
Conc: 38.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



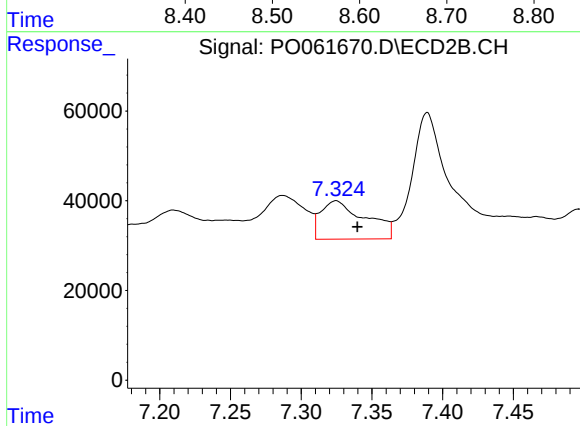
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 129180
Conc: 28.09 ng/ml



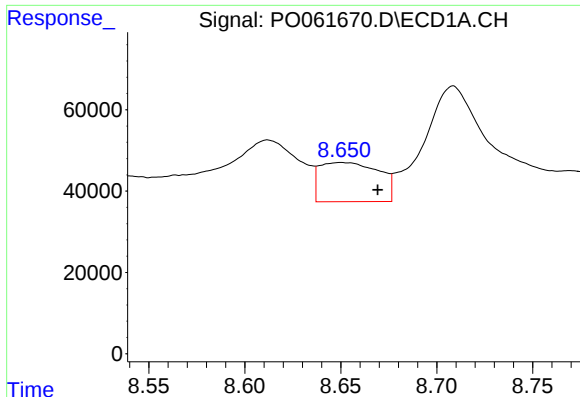
#38 AR-1262-3

R.T.: 8.612 min
Delta R.T.: 0.030 min
Response: 509119
Conc: 122.49 ng/ml



#38 AR-1262-3

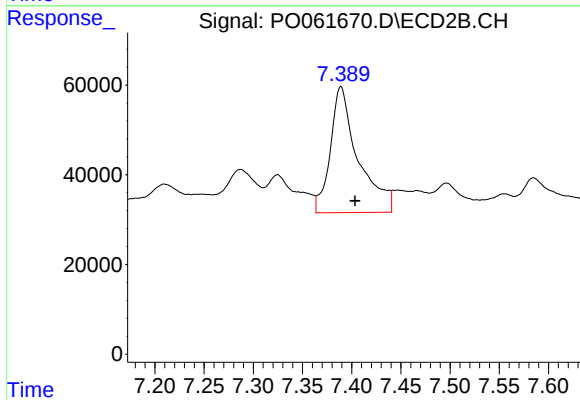
R.T.: 7.325 min
Delta R.T.: -0.015 min
Response: 187803
Conc: 99.69 ng/ml



#39 AR-1262-4

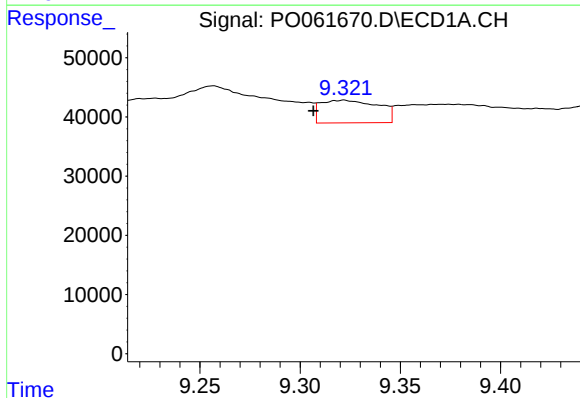
R.T.: 8.650 min
Delta R.T.: -0.019 min
Response: 206954
Conc: 65.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



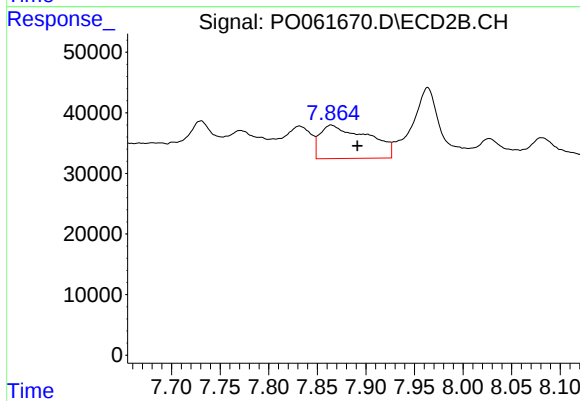
#39 AR-1262-4

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 550432
Conc: 163.78 ng/ml



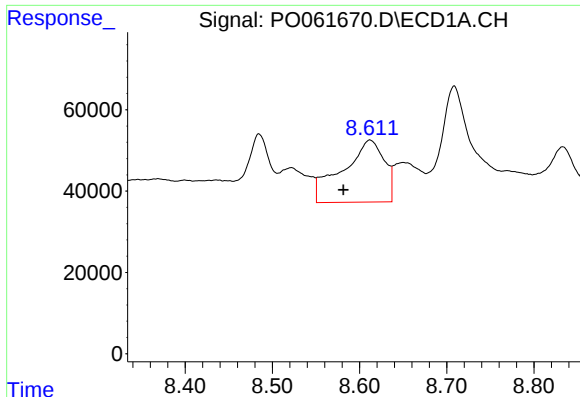
#40 AR-1262-5

R.T.: 9.322 min
Delta R.T.: 0.015 min
Response: 76557
Conc: 37.65 ng/ml



#40 AR-1262-5

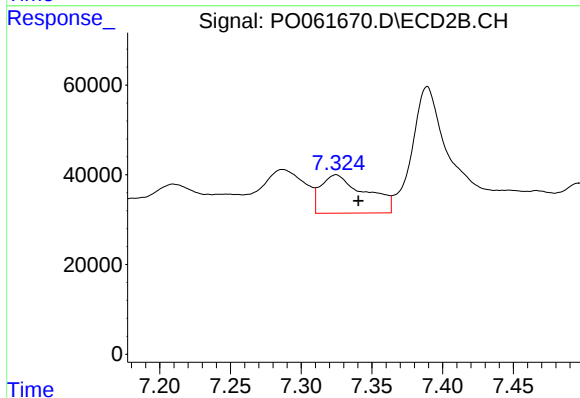
R.T.: 7.864 min
Delta R.T.: -0.027 min
Response: 189784
Conc: 125.19 ng/ml



#41 AR-1268-1

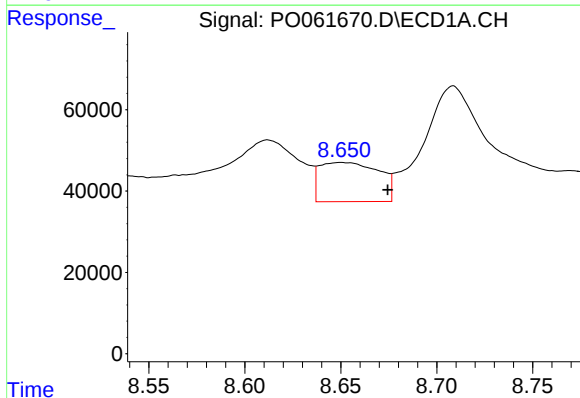
R.T.: 8.612 min
Delta R.T.: 0.030 min
Response: 509119
Conc: 75.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



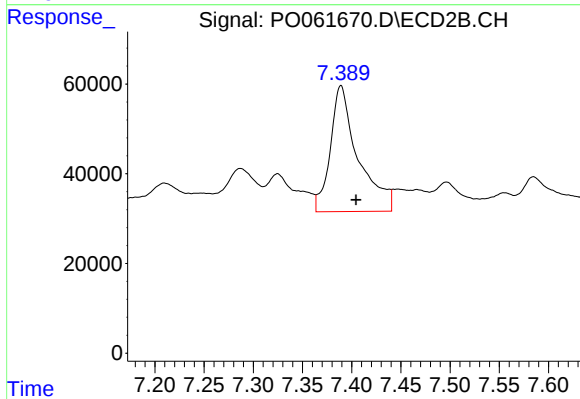
#41 AR-1268-1

R.T.: 7.325 min
Delta R.T.: -0.016 min
Response: 187803
Conc: 38.89 ng/ml



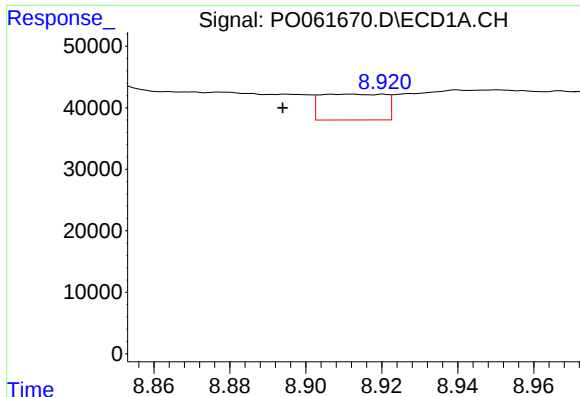
#42 AR-1268-2

R.T.: 8.650 min
Delta R.T.: -0.024 min
Response: 206954
Conc: 33.42 ng/ml



#42 AR-1268-2

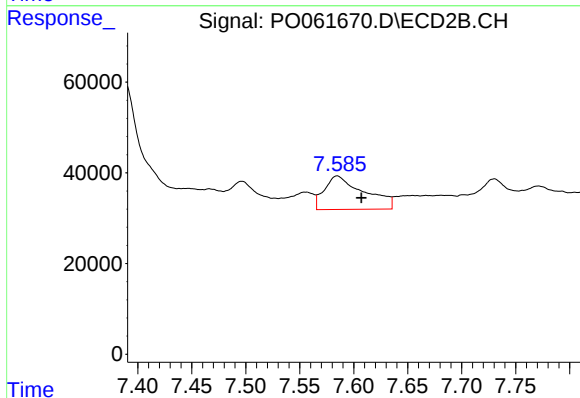
R.T.: 7.389 min
Delta R.T.: -0.015 min
Response: 550432
Conc: 127.72 ng/ml



#43 AR-1268-3

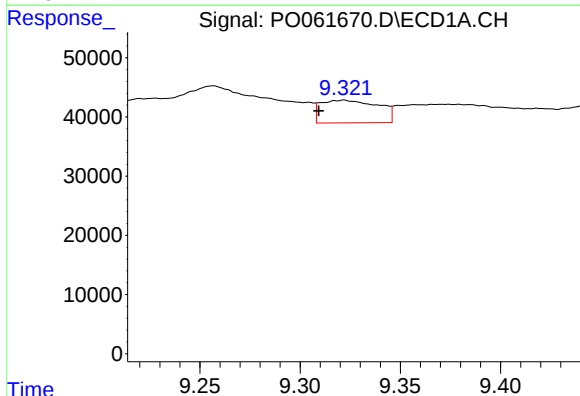
R.T.: 8.912 min
Delta R.T.: 0.018 min
Response: 49788
Conc: 9.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



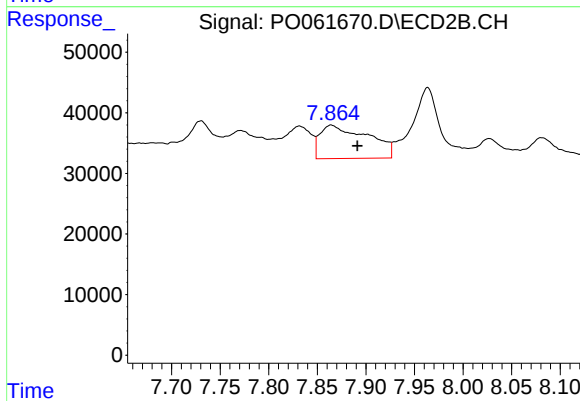
#43 AR-1268-3

R.T.: 7.585 min
Delta R.T.: -0.022 min
Response: 190007
Conc: 53.01 ng/ml



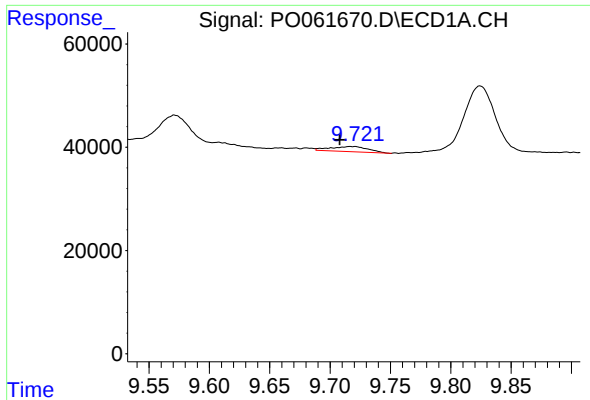
#44 AR-1268-4

R.T.: 9.322 min
Delta R.T.: 0.013 min
Response: 76557
Conc: 35.01 ng/ml



#44 AR-1268-4

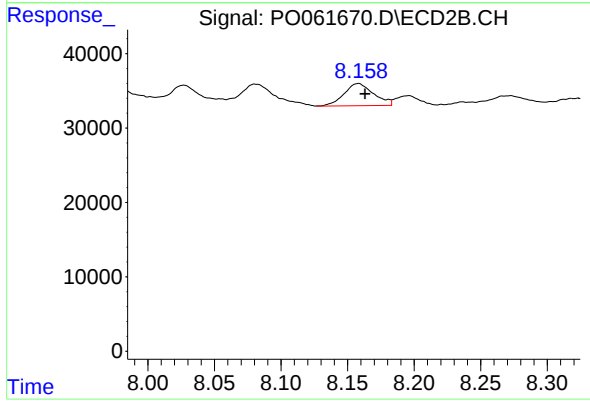
R.T.: 7.864 min
Delta R.T.: -0.027 min
Response: 189784
Conc: 117.92 ng/ml



#45 AR-1268-5

R.T.: 9.720 min
Delta R.T.: 0.012 min
Response: 21797
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 46565
Conc: 4.63 ng/ml