

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091520\
 Data File : P0071358.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Sep 2020 16:41
 Operator : DD\AJ
 Sample : L4008-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 13703

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 05:12:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 09 16:04:54 2020
 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...	4.344	3.529	1002764	649495	14.150	16.636
2)	SA Decachlor...	9.958	8.708	997740	493262	10.699	8.955
Target Compounds							
3)	L1 AR-1016-1	5.645	4.753	275566	287030	94.800	167.206 #
4)	L1 AR-1016-2	5.668	4.768	222582	188210	52.161	77.689 #
5)	L1 AR-1016-3	5.731	4.957	716462	203299	282.441	160.171 #
6)	L1 AR-1016-4	5.832	5.012	135157	187224	63.143	177.442 #
7)	L1 AR-1016-5	6.145	5.232	282083	165938	137.812	122.004
8)	L2 AR-1221-1	4.597	0.000	155366	0	213.601	N.D. #
9)	L2 AR-1221-2	4.714f	3.873	518125	102363	939.062	300.703 #
10)	L2 AR-1221-3	4.786	3.961	124357	75949	68.413	70.598
11)	L3 AR-1232-1	4.786	3.961	124357	75949	83.081	83.428
12)	L3 AR-1232-2	5.354	4.768	166043	188210	204.179	187.996
13)	L3 AR-1232-3	5.668	4.957	222582	203299	129.911	393.908 #
14)	L3 AR-1232-4	5.832	5.045	135157	1086570	162.497	2467.216 #
15)	L3 AR-1232-5	5.936	5.232	352854	165938	610.735	319.701 #
16)	L4 AR-1242-1	5.645	4.753	275566	287030	117.747	216.991 #
17)	L4 AR-1242-2	5.668	4.768	222582	188210	65.662	102.207 #
18)	L4 AR-1242-3	5.731	4.957	716462	203299	353.790	208.609 #
19)	L4 AR-1242-4	5.832	5.045	135157	1086570	79.771	1193.898 #
20)	L4 AR-1242-5	6.608	5.608	297823	223468	134.233	161.474
21)	L5 AR-1248-1	5.645	4.753	275566	287030	163.838	291.851 #
22)	L5 AR-1248-2	5.936	5.012	352854	187224	159.820	142.927
23)	L5 AR-1248-3	6.145	5.045	282083	1086570	107.156	884.981 #
24)	L5 AR-1248-4	6.570	5.232	320090	165938	88.084	103.484
25)	L5 AR-1248-5	6.608	5.649	297823	284708	89.498	166.111 #
26)	L6 AR-1254-1	6.542	5.608	466959	223468	133.097	84.011 #
27)	L6 AR-1254-2	6.770	5.762	465790	75895	81.003	32.079 #
28)	L6 AR-1254-3	7.145	6.183	146197	235741	24.583	61.552 #
29)	L6 AR-1254-4	7.419f	6.402f	335481	324468	57.750	117.604 #
30)	L6 AR-1254-5	7.870	6.838	393331	141225	70.510	37.195 #
31)	L7 AR-1260-1	7.325f	6.316	95771	127889	21.121	45.903 #
32)	L7 AR-1260-2	7.568	6.524	16671	154395	2.391	42.712 #
33)	L7 AR-1260-3	7.914	6.657	370135	161549	61.076	50.062
34)	L7 AR-1260-4	8.168	7.133	174981	154180	30.568	53.223 #
35)	L7 AR-1260-5	8.478	7.393	123576	47793	9.745	6.303 #
36)	L8 AR-1262-1	7.914	6.838	370135	141225	43.628	70.003 #
37)	L8 AR-1262-2	8.478	7.393	123576	47793	8.560	6.128 #
38)	L8 AR-1262-3	8.727	7.697f	455524	167990	51.258	50.346
39)	L8 AR-1262-4	8.830	7.725	300120	205483	47.201	35.423
40)	L8 AR-1262-5	9.383	0.000	522063	0	116.090	N.D. #
41)	L9 AR-1268-1	8.727	7.697f	455524	167990	26.877	17.129 #

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 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

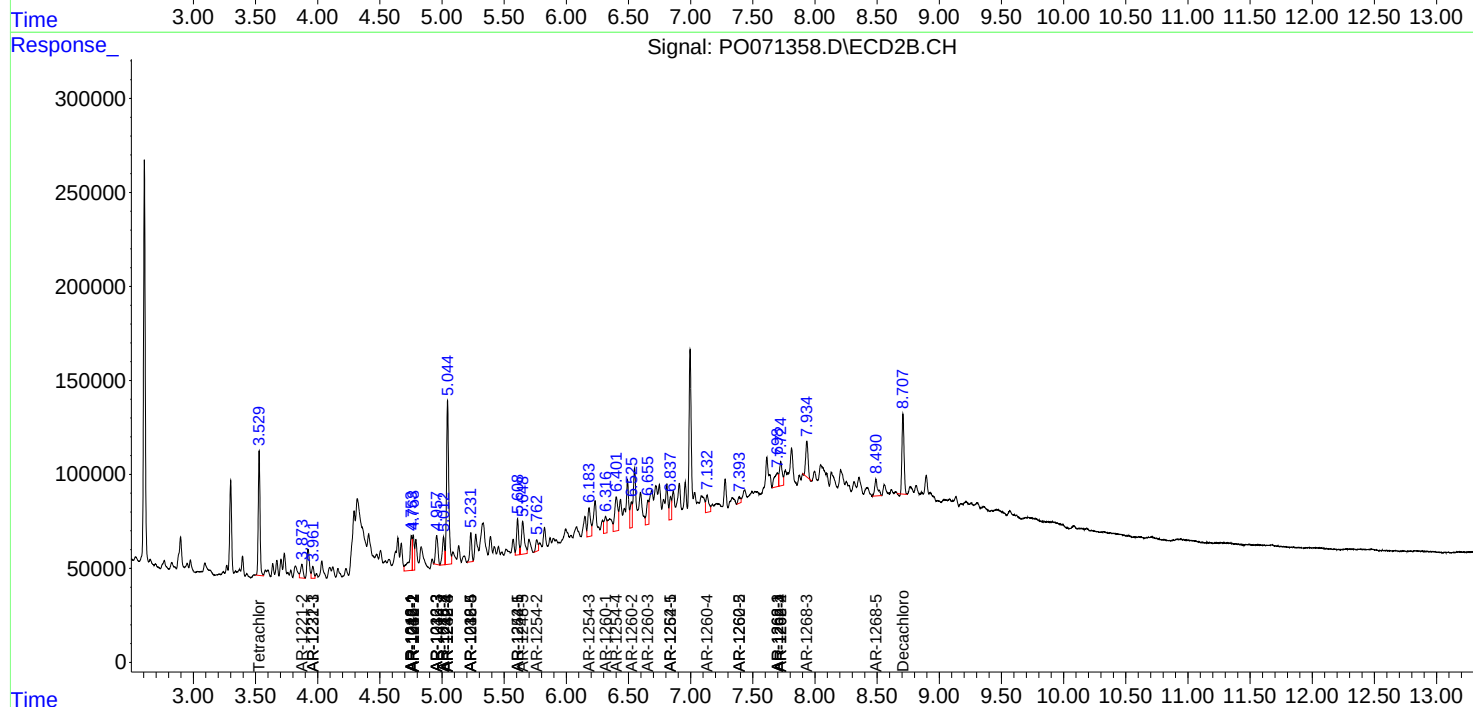
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

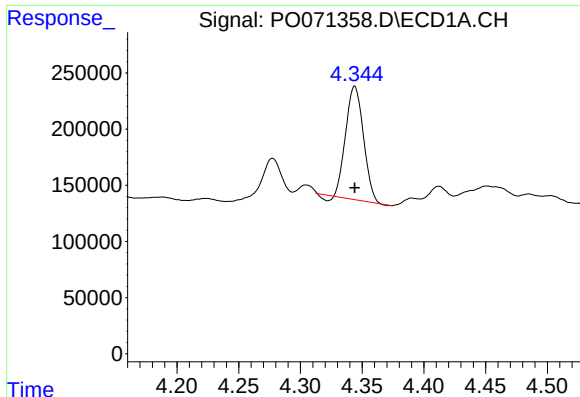
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.830	7.725	300120	205483	21.468	23.945
43) L9	AR-1268-3	9.003	7.935	147368	246152	12.499	33.709 #
44) L9	AR-1268-4	9.383	0.000	522063	0	101.680	N.D. #
45) L9	AR-1268-5	0.000	8.490	0	149433	N.D.	6.957 #

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

Instrument :
ECD_O
ClientSampleId :
13703

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

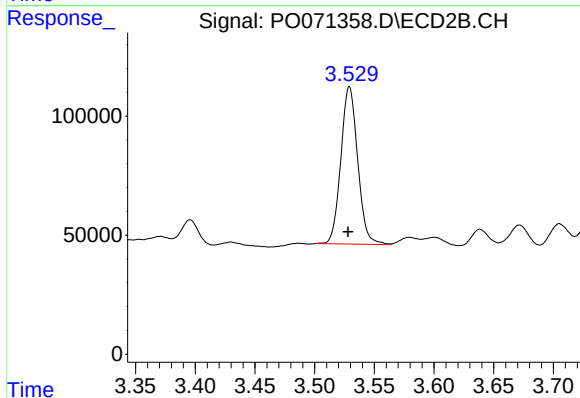




#1 Tetrachloro-m-xylene

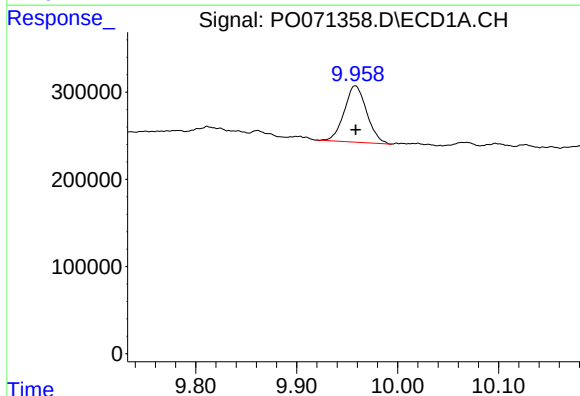
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 1002764
Conc: 14.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



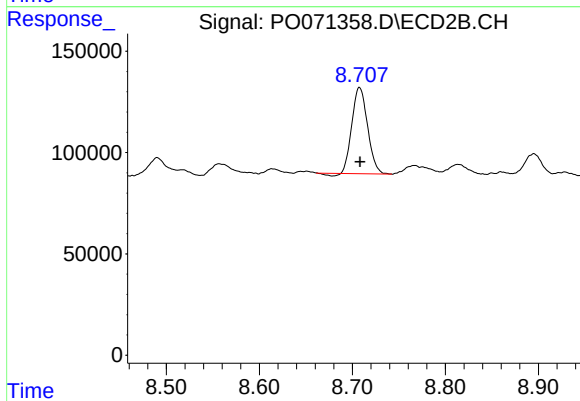
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.001 min
Response: 649495
Conc: 16.64 ng/ml



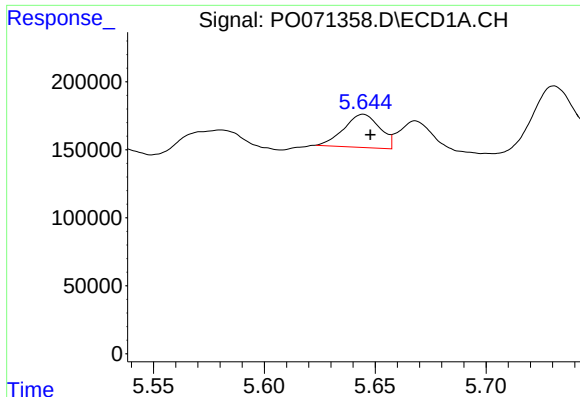
#2 Decachlorobiphenyl

R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 997740
Conc: 10.70 ng/ml



#2 Decachlorobiphenyl

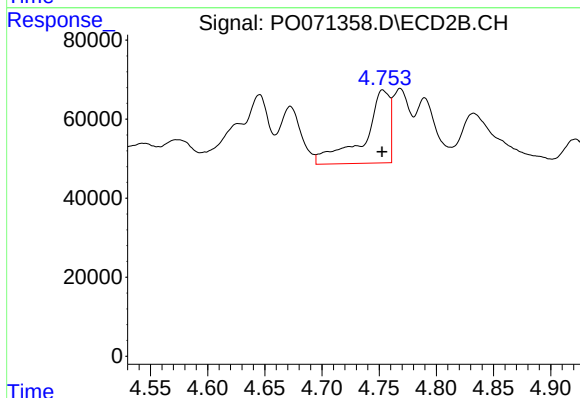
R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 493262
Conc: 8.95 ng/ml



#3 AR-1016-1

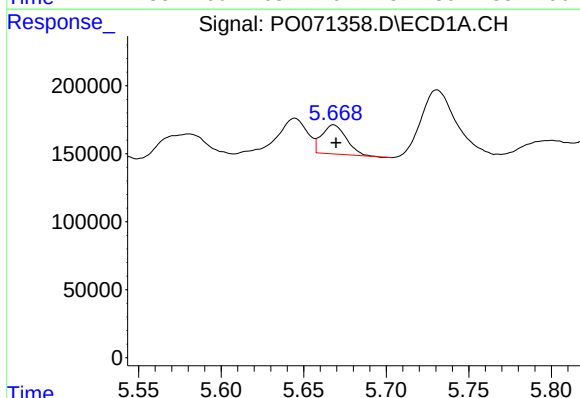
R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 275566
Conc: 94.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



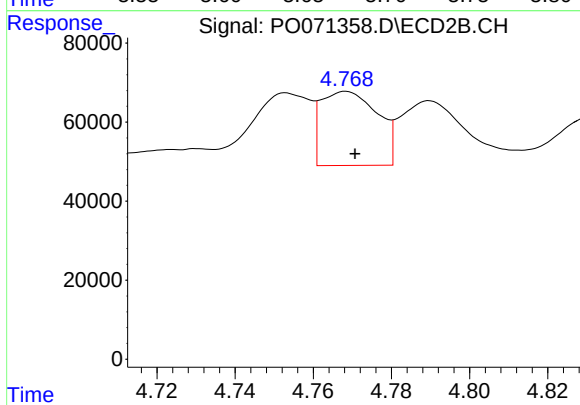
#3 AR-1016-1

R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 287030
Conc: 167.21 ng/ml



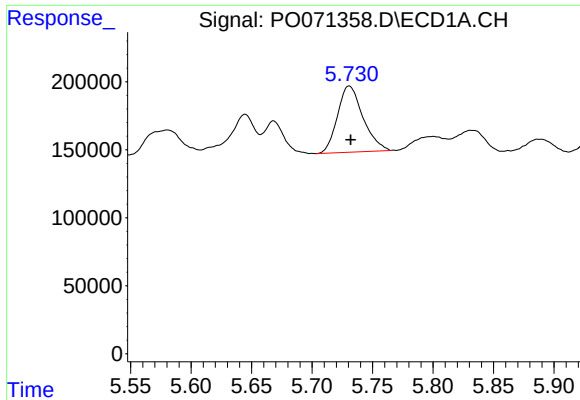
#4 AR-1016-2

R.T.: 5.668 min
Delta R.T.: -0.001 min
Response: 222582
Conc: 52.16 ng/ml



#4 AR-1016-2

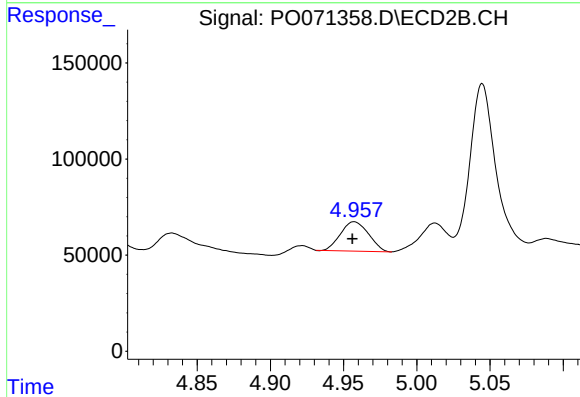
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 188210
Conc: 77.69 ng/ml



#5 AR-1016-3

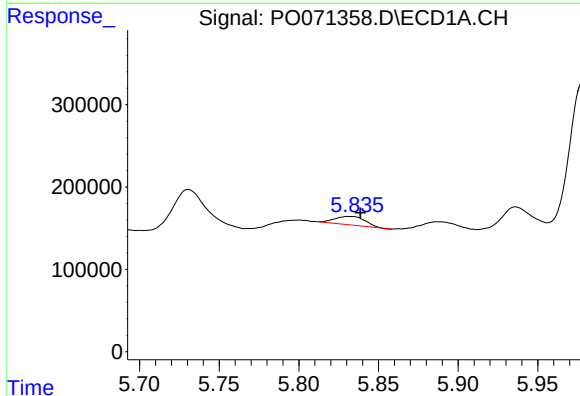
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 716462
Conc: 282.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



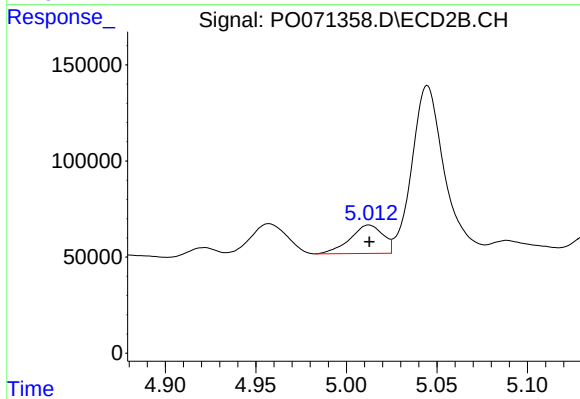
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 203299
Conc: 160.17 ng/ml



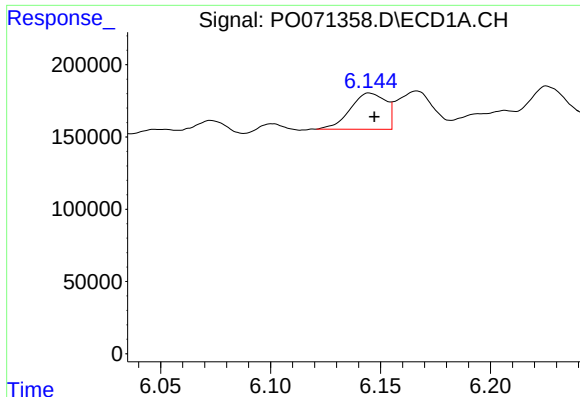
#6 AR-1016-4

R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 135157
Conc: 63.14 ng/ml



#6 AR-1016-4

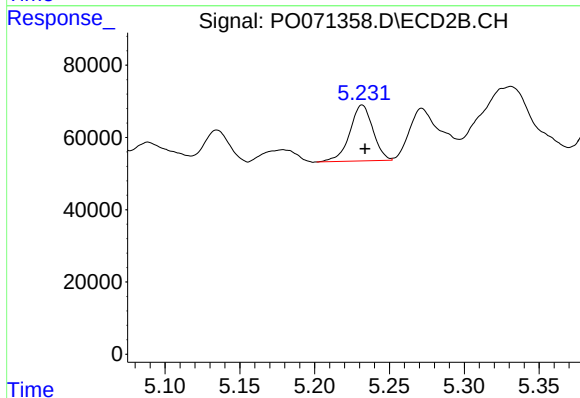
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 187224
Conc: 177.44 ng/ml



#7 AR-1016-5

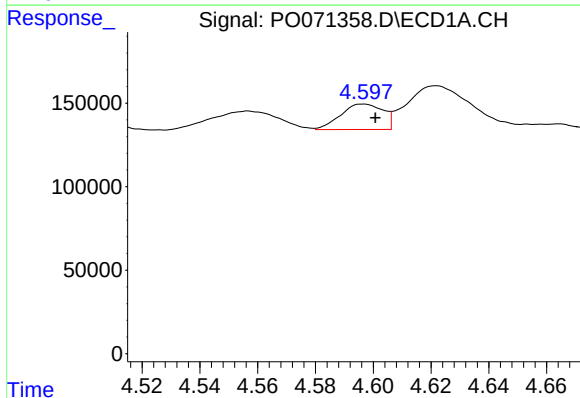
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 282083
Conc: 137.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



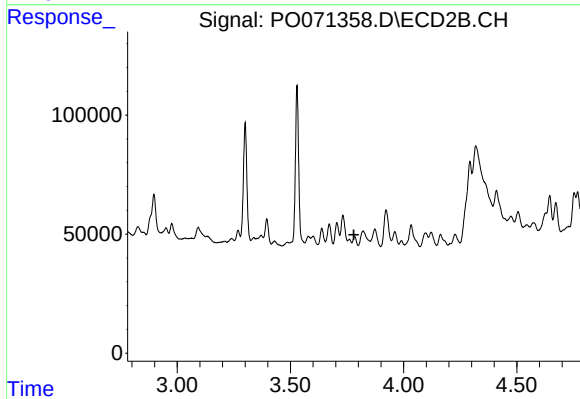
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 165938
Conc: 122.00 ng/ml



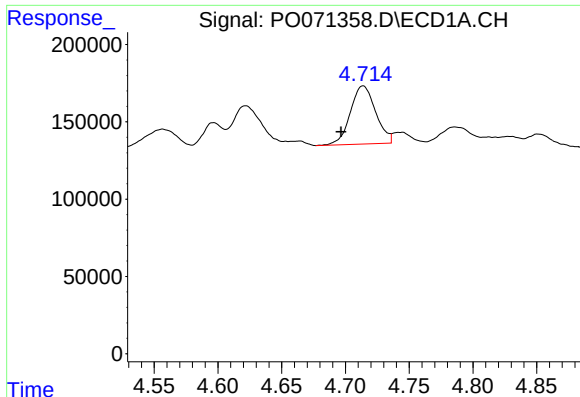
#8 AR-1221-1

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 155366
Conc: 213.60 ng/ml



#8 AR-1221-1

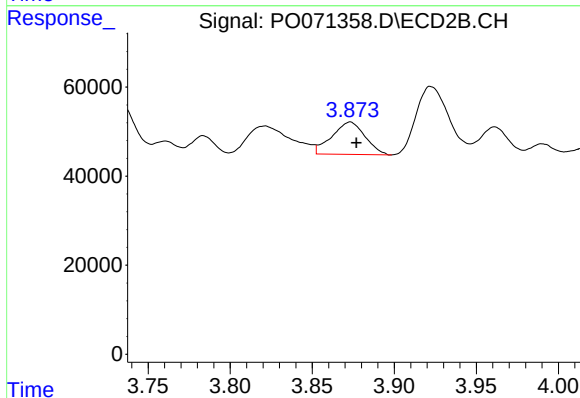
R.T.: 0.000 min
Exp R.T.: 3.781 min
Response: 0
Conc: N.D.



#9 AR-1221-2

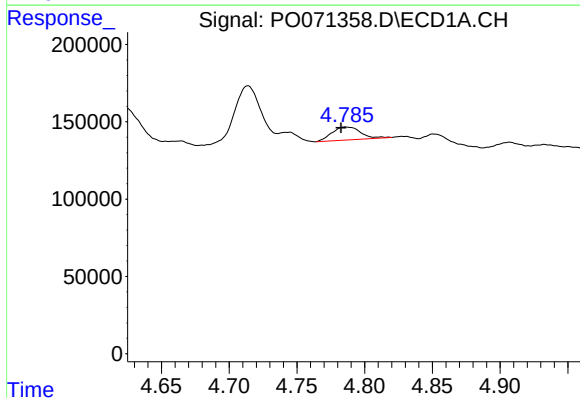
R.T.: 4.714 min
Delta R.T.: 0.017 min
Response: 518125
Conc: 939.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



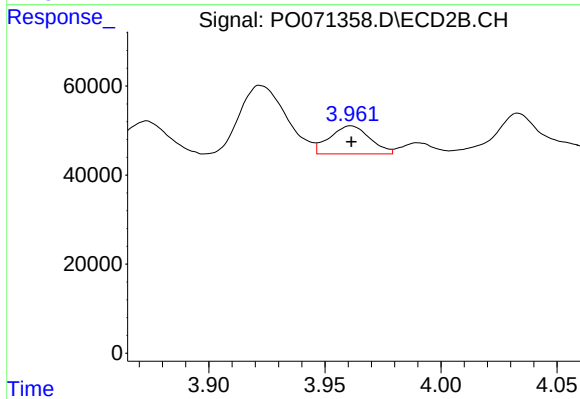
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.004 min
Response: 102363
Conc: 300.70 ng/ml



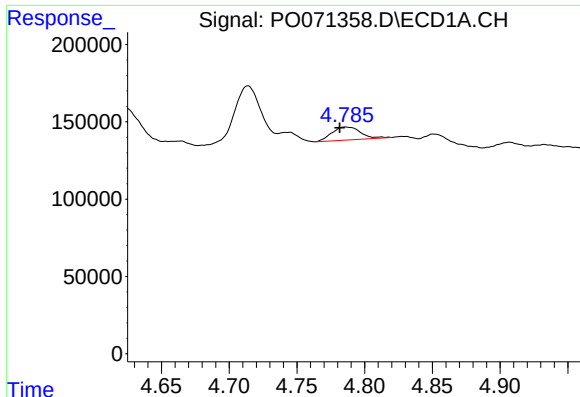
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 124357
Conc: 68.41 ng/ml



#10 AR-1221-3

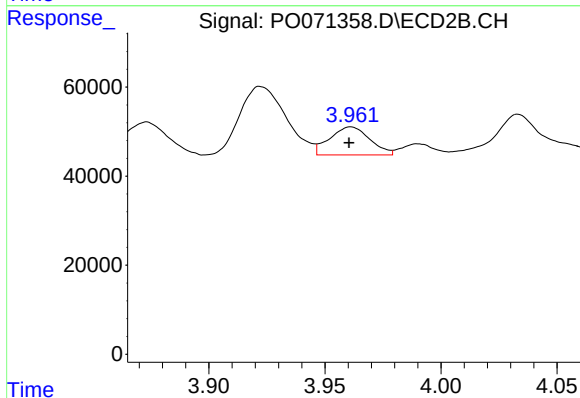
R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 75949
Conc: 70.60 ng/ml



#11 AR-1232-1

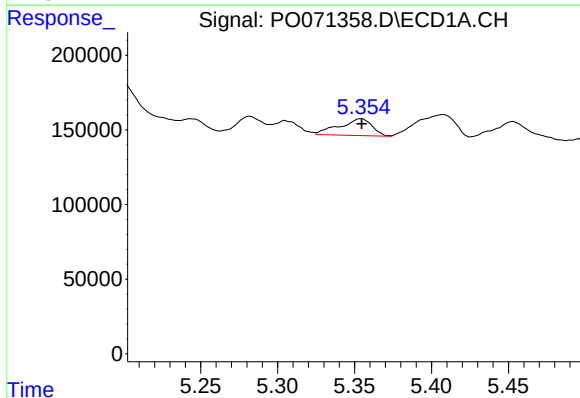
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 124357
Conc: 83.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



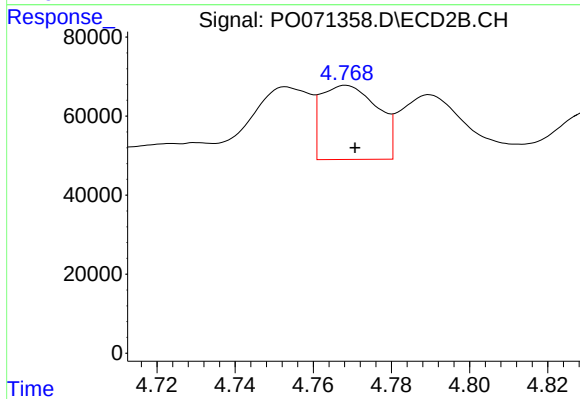
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 75949
Conc: 83.43 ng/ml



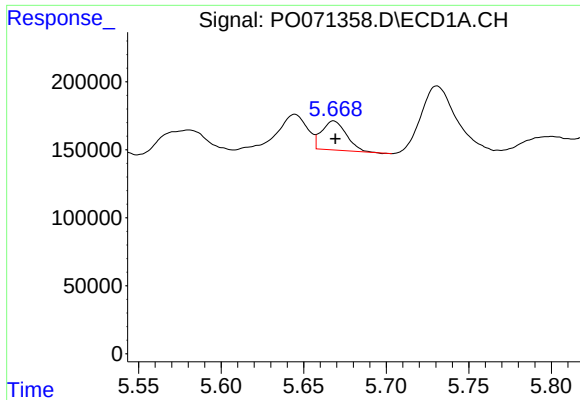
#12 AR-1232-2

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 166043
Conc: 204.18 ng/ml



#12 AR-1232-2

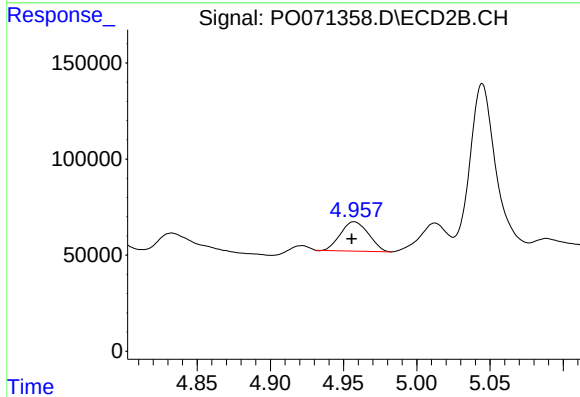
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 188210
Conc: 188.00 ng/ml



#13 AR-1232-3

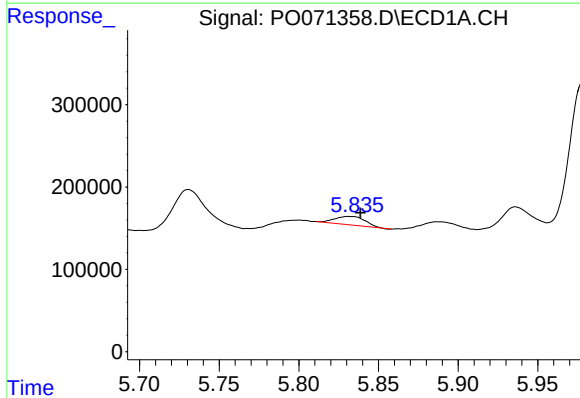
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 222582
Conc: 129.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



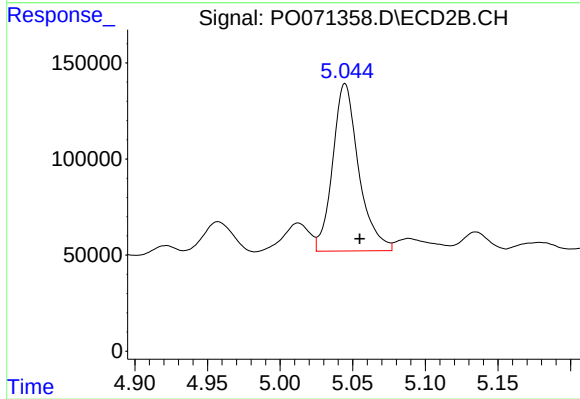
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 203299
Conc: 393.91 ng/ml



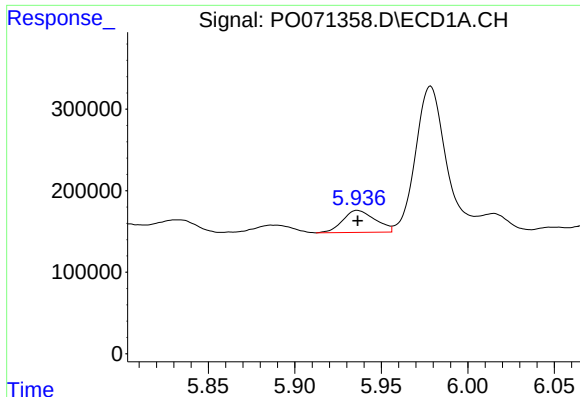
#14 AR-1232-4

R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 135157
Conc: 162.50 ng/ml



#14 AR-1232-4

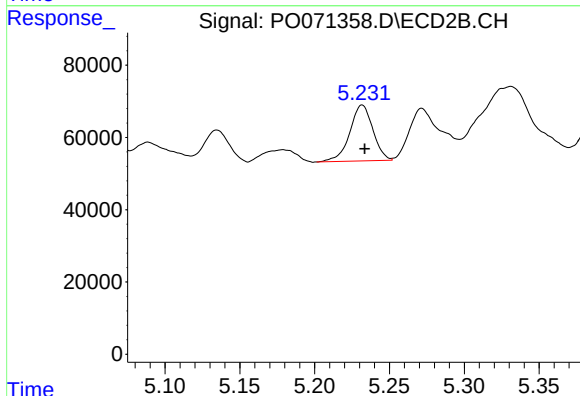
R.T.: 5.045 min
Delta R.T.: -0.010 min
Response: 1086570
Conc: 2467.22 ng/ml



#15 AR-1232-5

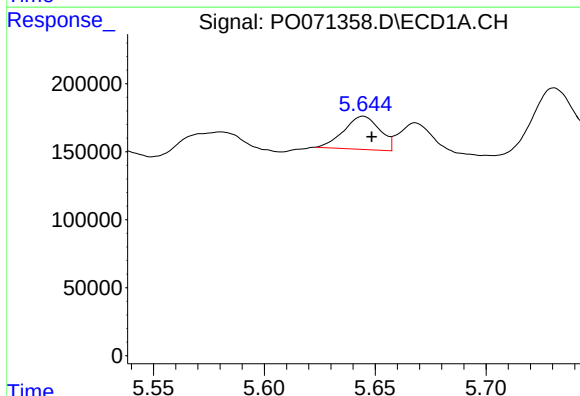
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 352854
Conc: 610.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



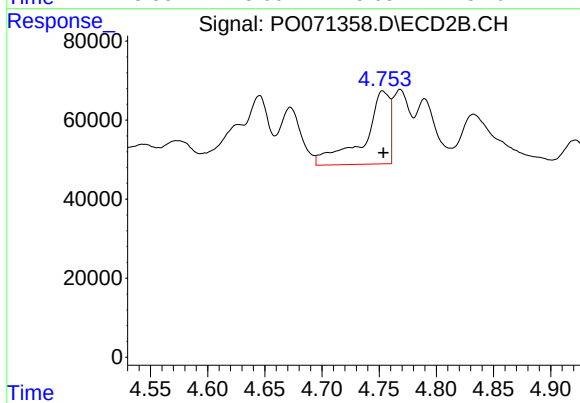
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 165938
Conc: 319.70 ng/ml



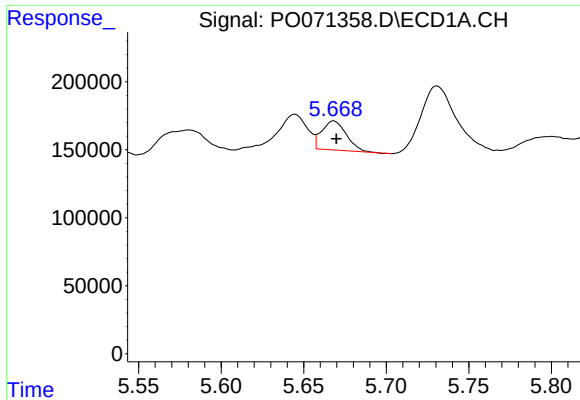
#16 AR-1242-1

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 275566
Conc: 117.75 ng/ml



#16 AR-1242-1

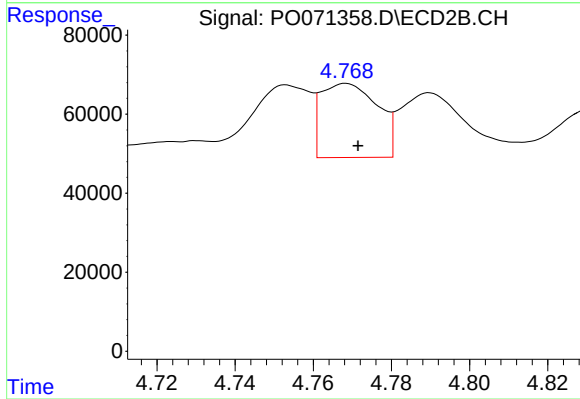
R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 287030
Conc: 216.99 ng/ml



#17 AR-1242-2

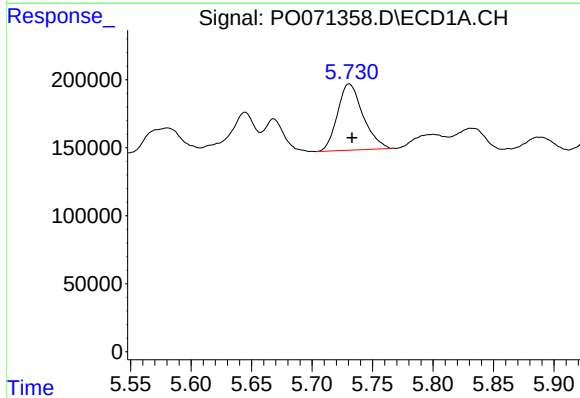
R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 222582
Conc: 65.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



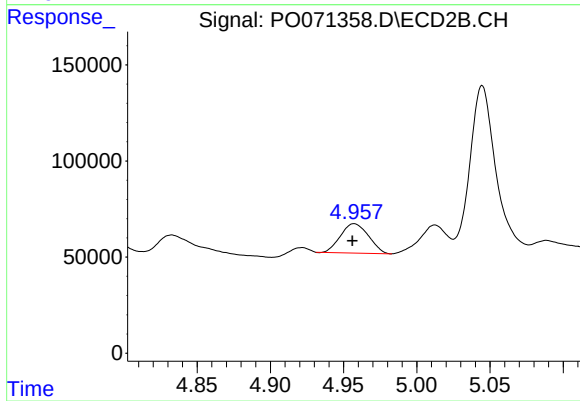
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 188210
Conc: 102.21 ng/ml



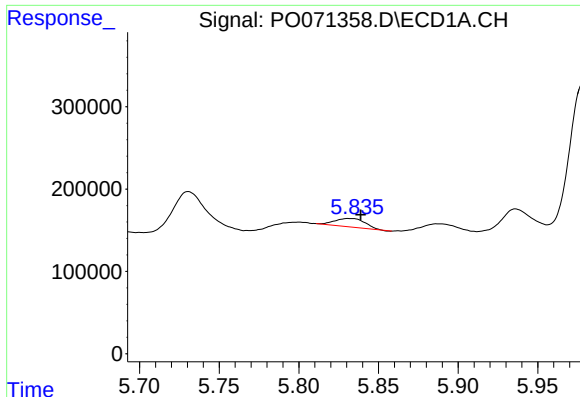
#18 AR-1242-3

R.T.: 5.731 min
Delta R.T.: -0.002 min
Response: 716462
Conc: 353.79 ng/ml



#18 AR-1242-3

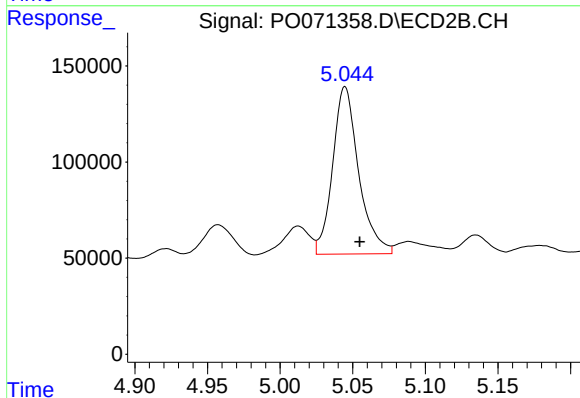
R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 203299
Conc: 208.61 ng/ml



#19 AR-1242-4

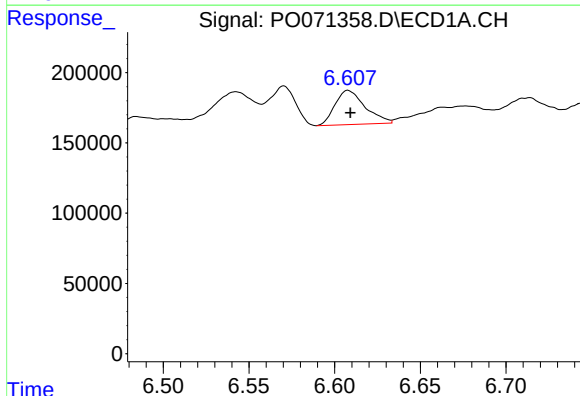
R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 135157
Conc: 79.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



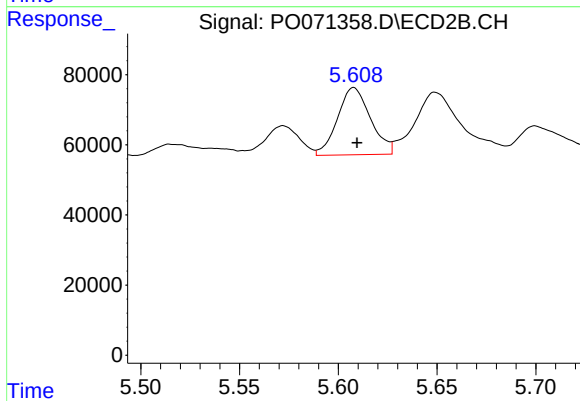
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: -0.010 min
Response: 1086570
Conc: 1193.90 ng/ml



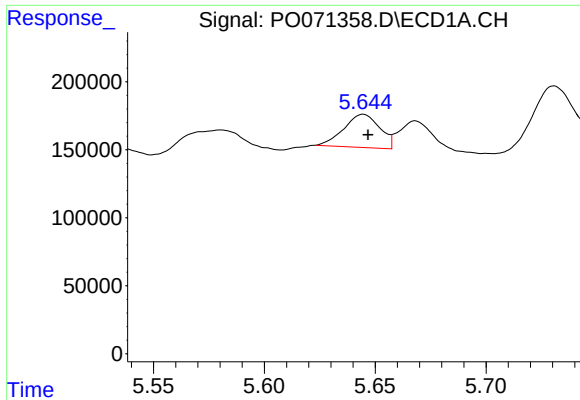
#20 AR-1242-5

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 297823
Conc: 134.23 ng/ml



#20 AR-1242-5

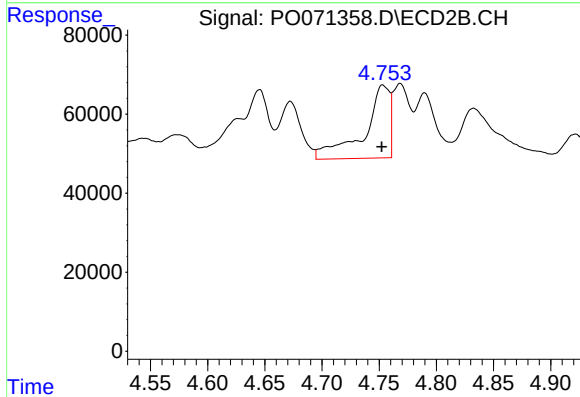
R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 223468
Conc: 161.47 ng/ml



#21 AR-1248-1

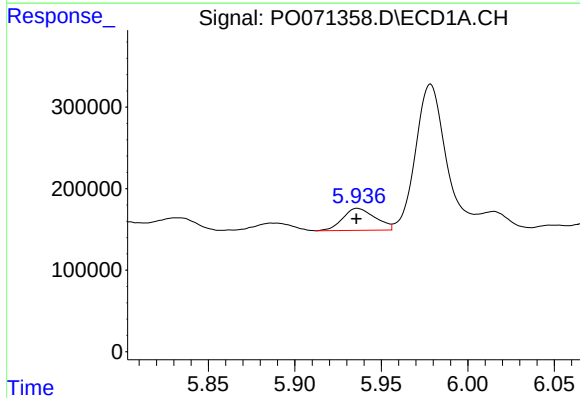
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 275566
Conc: 163.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



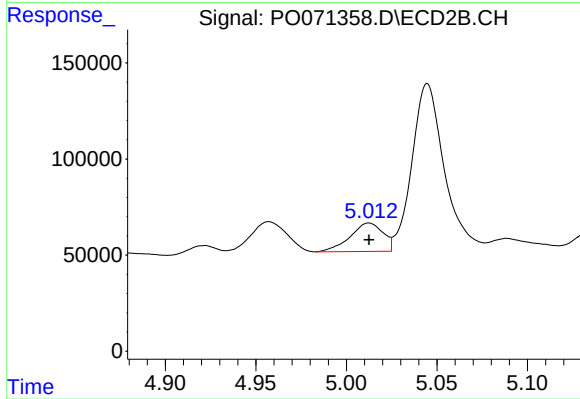
#21 AR-1248-1

R.T.: 4.753 min
Delta R.T.: 0.001 min
Response: 287030
Conc: 291.85 ng/ml



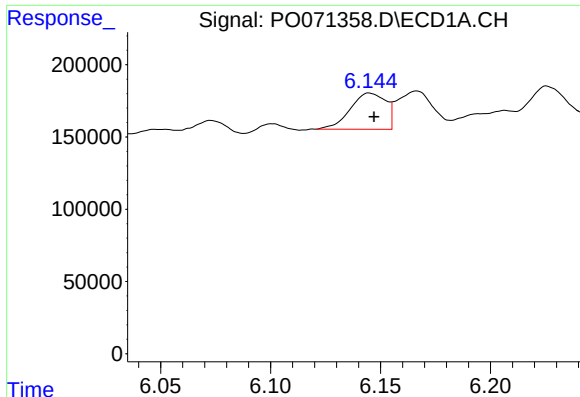
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 352854
Conc: 159.82 ng/ml



#22 AR-1248-2

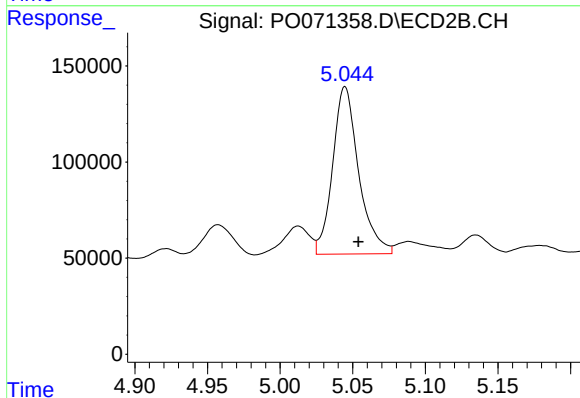
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 187224
Conc: 142.93 ng/ml



#23 AR-1248-3

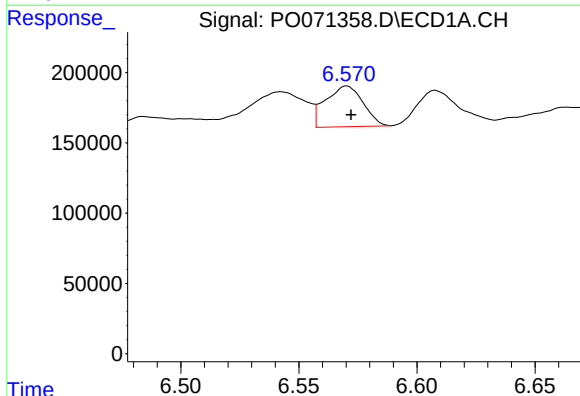
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 282083
Conc: 107.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



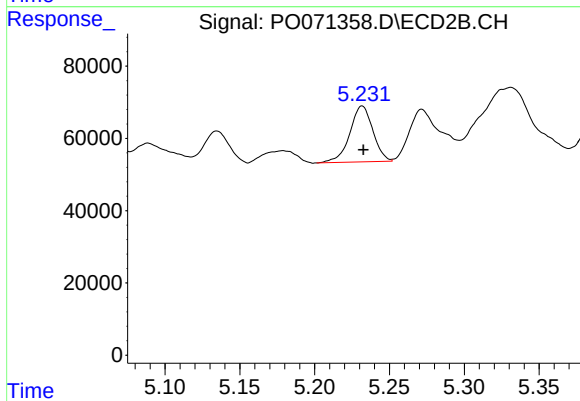
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: -0.009 min
Response: 1086570
Conc: 884.98 ng/ml



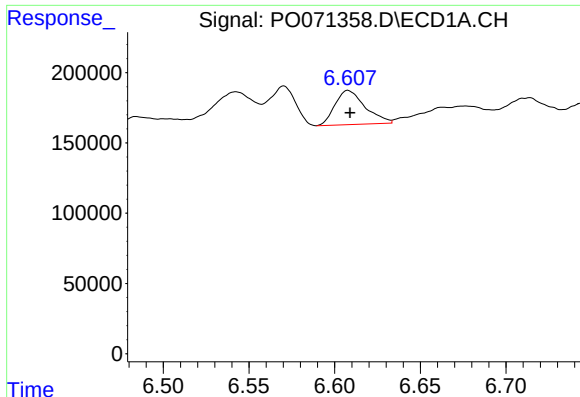
#24 AR-1248-4

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 320090
Conc: 88.08 ng/ml



#24 AR-1248-4

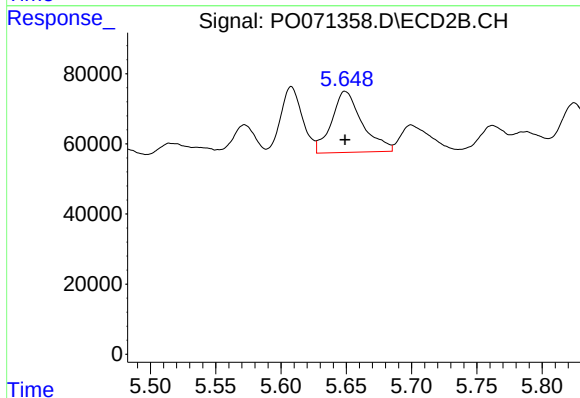
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 165938
Conc: 103.48 ng/ml



#25 AR-1248-5

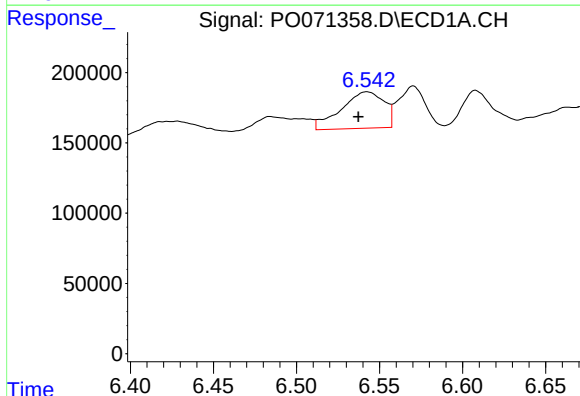
R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 297823
Conc: 89.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



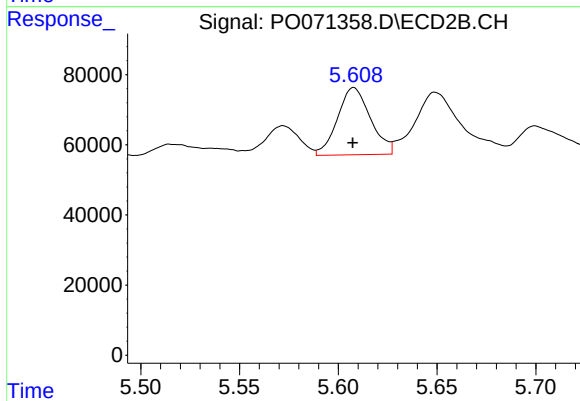
#25 AR-1248-5

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 284708
Conc: 166.11 ng/ml



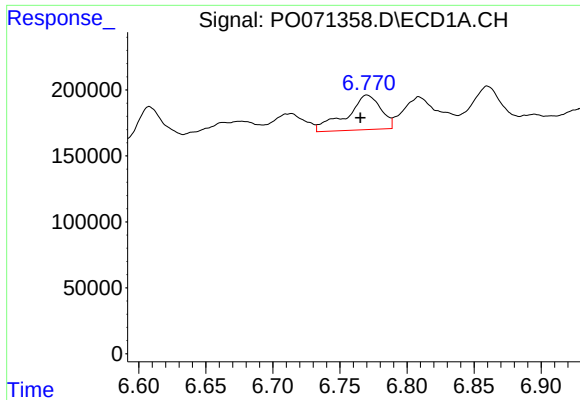
#26 AR-1254-1

R.T.: 6.542 min
Delta R.T.: 0.005 min
Response: 466959
Conc: 133.10 ng/ml



#26 AR-1254-1

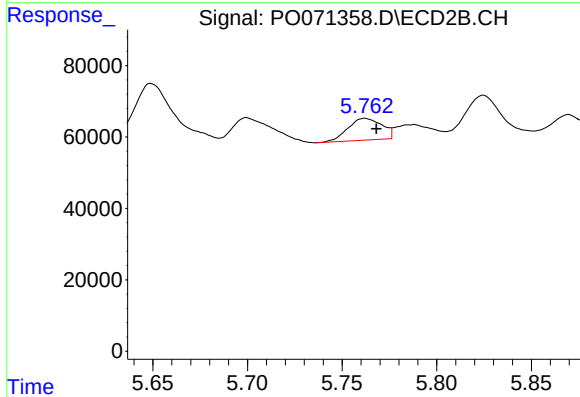
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 223468
Conc: 84.01 ng/ml



#27 AR-1254-2

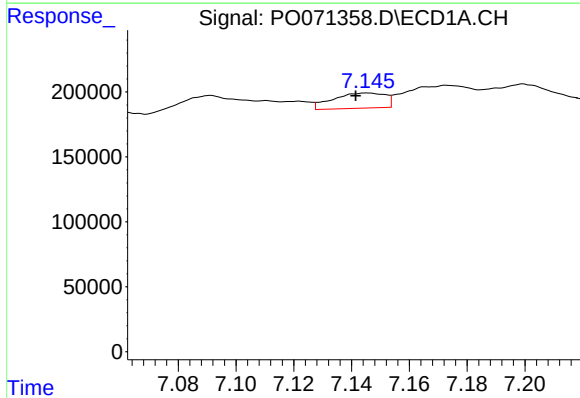
R.T.: 6.770 min
Delta R.T.: 0.005 min
Response: 465790
Conc: 81.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



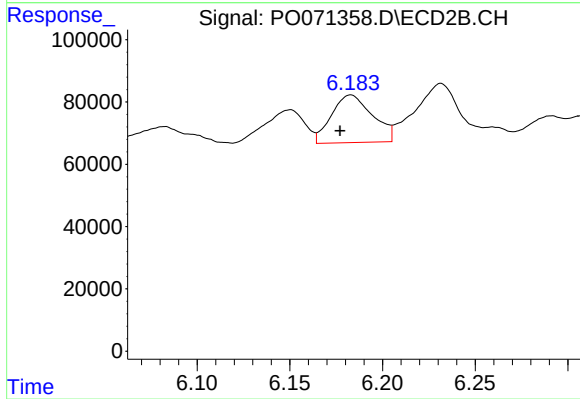
#27 AR-1254-2

R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 75895
Conc: 32.08 ng/ml



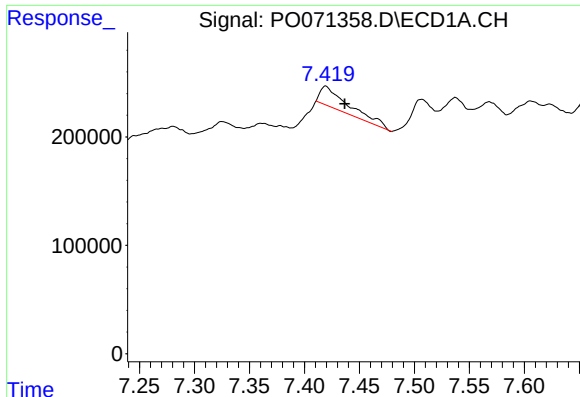
#28 AR-1254-3

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 146197
Conc: 24.58 ng/ml



#28 AR-1254-3

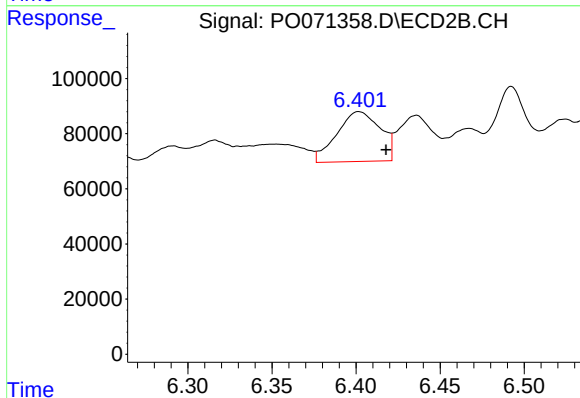
R.T.: 6.183 min
Delta R.T.: 0.006 min
Response: 235741
Conc: 61.55 ng/ml



#29 AR-1254-4

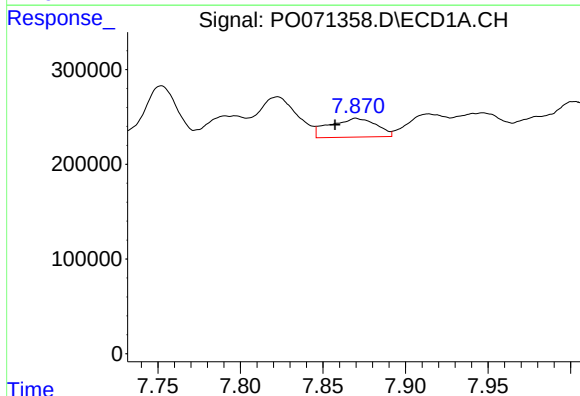
R.T.: 7.419 min
Delta R.T.: -0.017 min
Response: 335481
Conc: 57.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



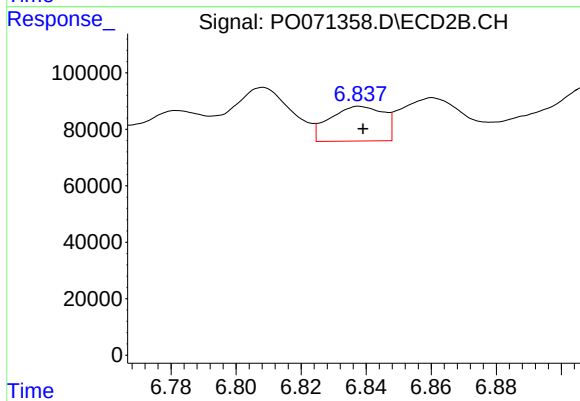
#29 AR-1254-4

R.T.: 6.402 min
Delta R.T.: -0.016 min
Response: 324468
Conc: 117.60 ng/ml



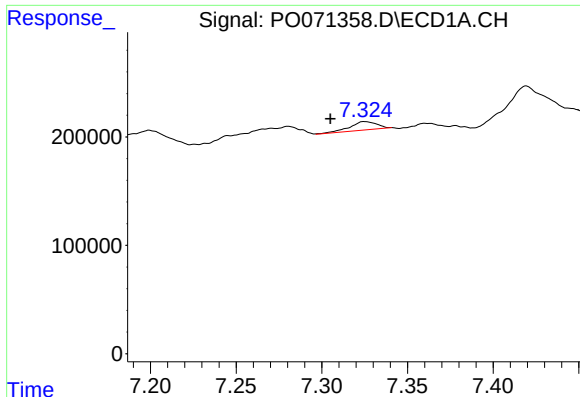
#30 AR-1254-5

R.T.: 7.870 min
Delta R.T.: 0.013 min
Response: 393331
Conc: 70.51 ng/ml



#30 AR-1254-5

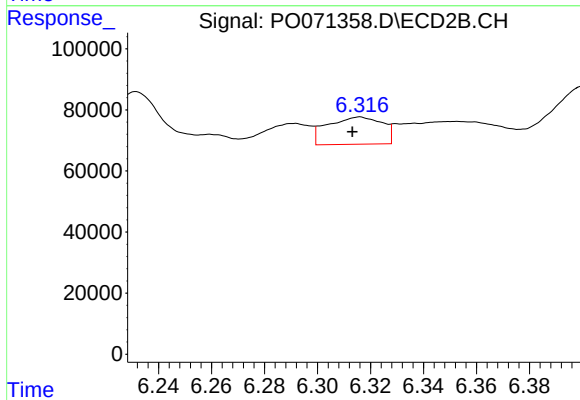
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 141225
Conc: 37.19 ng/ml



#31 AR-1260-1

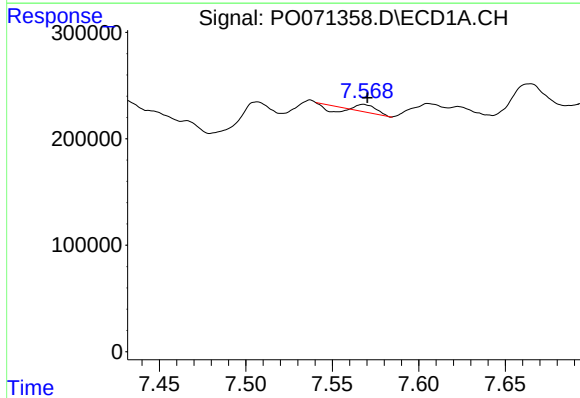
R.T.: 7.325 min
Delta R.T.: 0.020 min
Response: 95771
Conc: 21.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



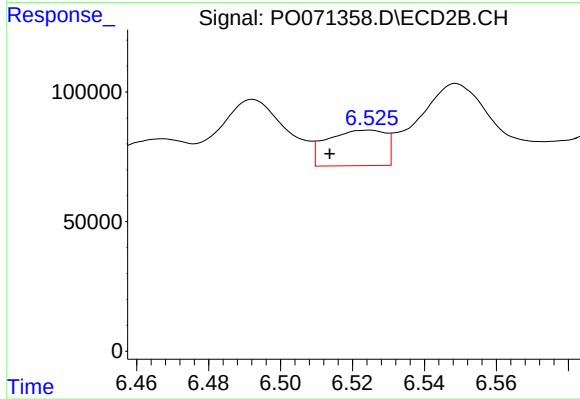
#31 AR-1260-1

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 127889
Conc: 45.90 ng/ml



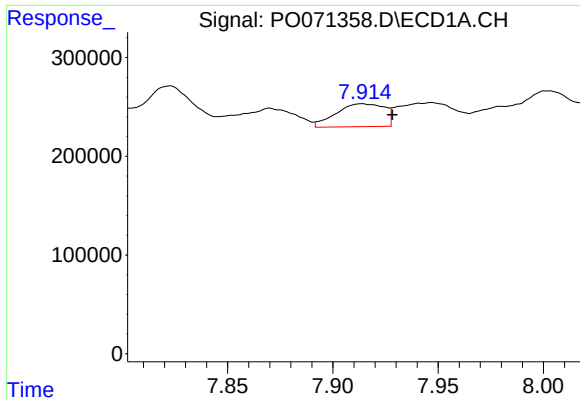
#32 AR-1260-2

R.T.: 7.568 min
Delta R.T.: -0.002 min
Response: 16671
Conc: 2.39 ng/ml



#32 AR-1260-2

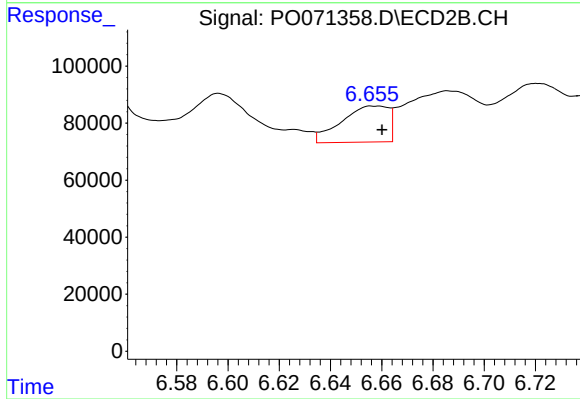
R.T.: 6.524 min
Delta R.T.: 0.011 min
Response: 154395
Conc: 42.71 ng/ml



#33 AR-1260-3

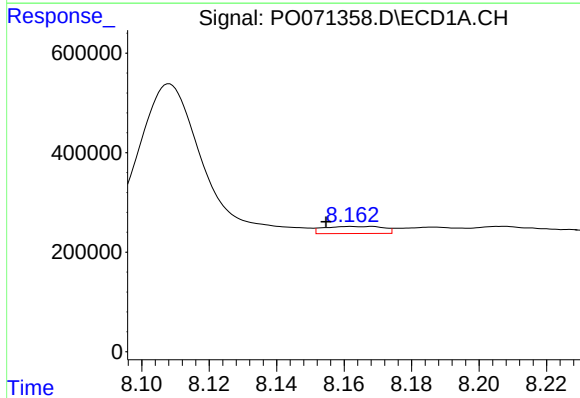
R.T.: 7.914 min
Delta R.T.: -0.014 min
Response: 370135
Conc: 61.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



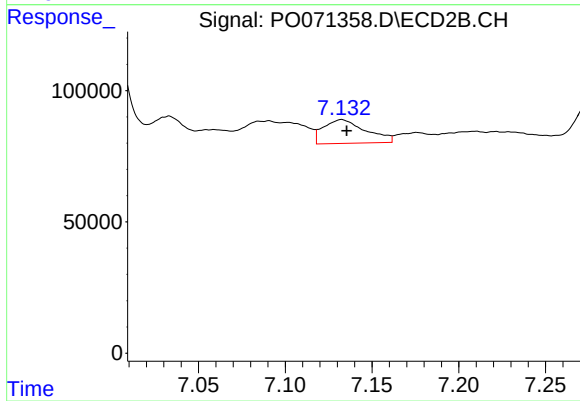
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 161549
Conc: 50.06 ng/ml



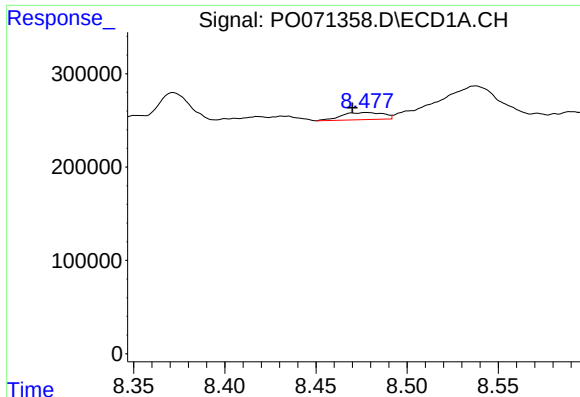
#34 AR-1260-4

R.T.: 8.168 min
Delta R.T.: 0.013 min
Response: 174981
Conc: 30.57 ng/ml



#34 AR-1260-4

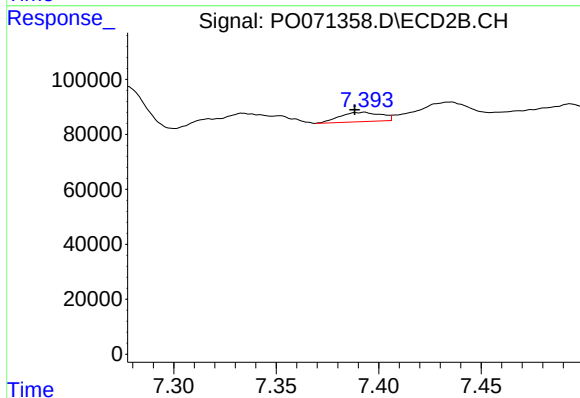
R.T.: 7.133 min
Delta R.T.: -0.003 min
Response: 154180
Conc: 53.22 ng/ml



#35 AR-1260-5

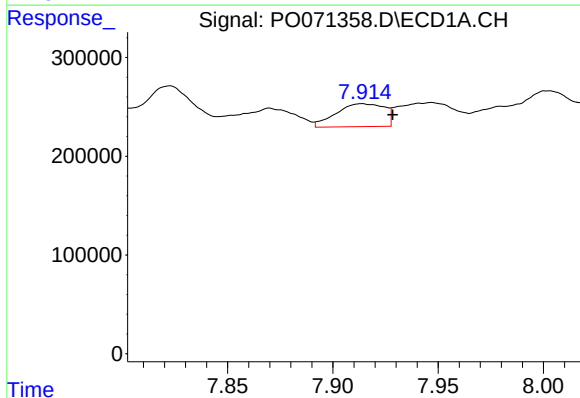
R.T.: 8.478 min
Delta R.T.: 0.008 min
Response: 123576
Conc: 9.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



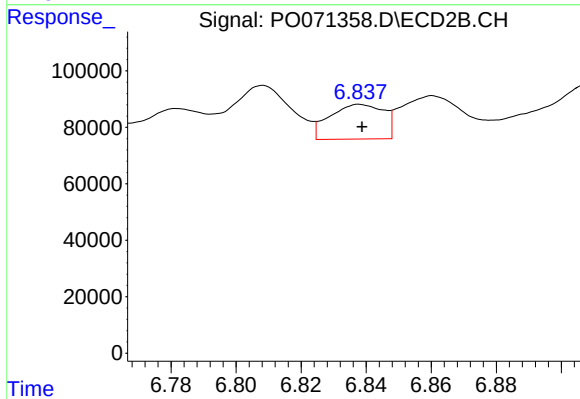
#35 AR-1260-5

R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 47793
Conc: 6.30 ng/ml



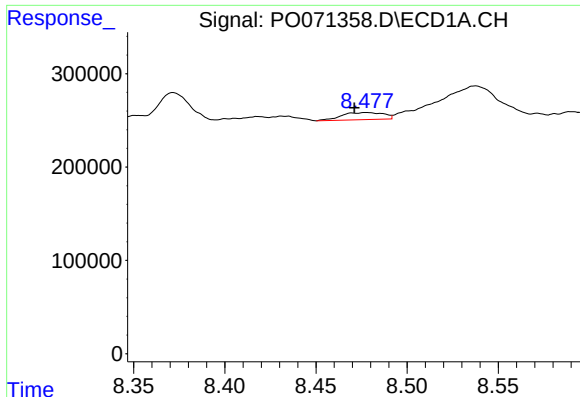
#36 AR-1262-1

R.T.: 7.914 min
Delta R.T.: -0.015 min
Response: 370135
Conc: 43.63 ng/ml



#36 AR-1262-1

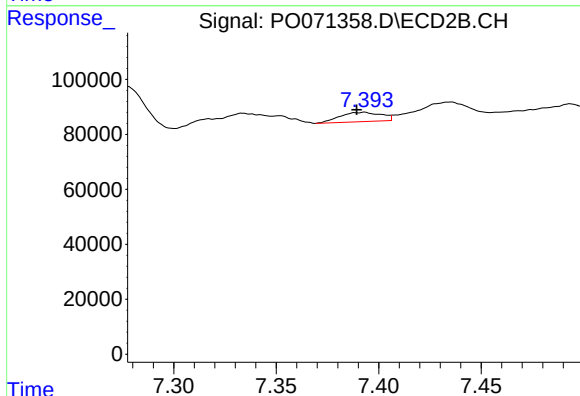
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 141225
Conc: 70.00 ng/ml



#37 AR-1262-2

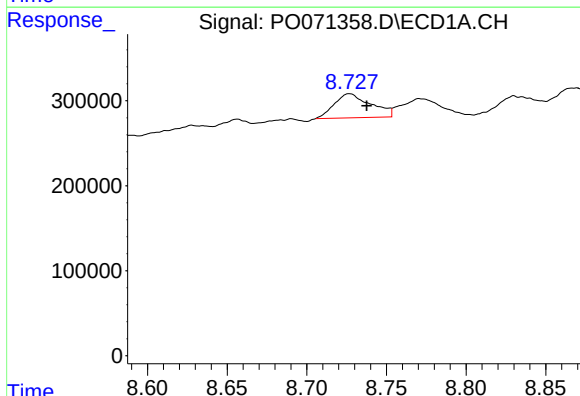
R.T.: 8.478 min
Delta R.T.: 0.007 min
Response: 123576
Conc: 8.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



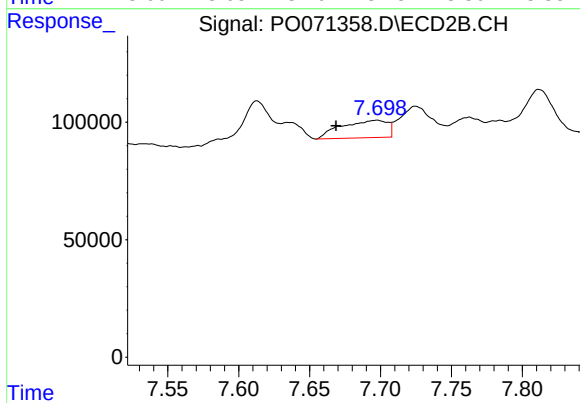
#37 AR-1262-2

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 47793
Conc: 6.13 ng/ml



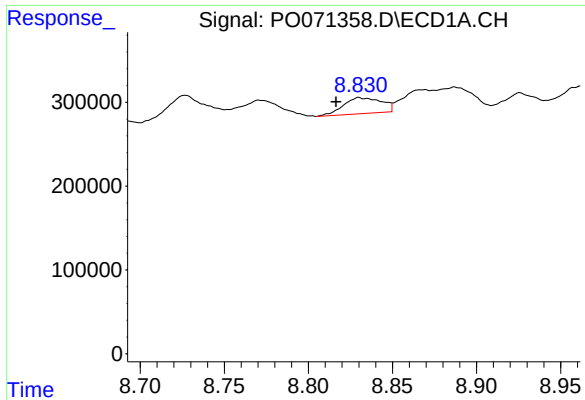
#38 AR-1262-3

R.T.: 8.727 min
Delta R.T.: -0.011 min
Response: 455524
Conc: 51.26 ng/ml



#38 AR-1262-3

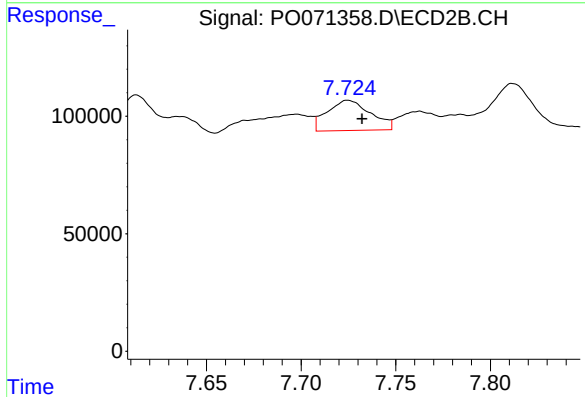
R.T.: 7.697 min
Delta R.T.: 0.029 min
Response: 167990
Conc: 50.35 ng/ml



#39 AR-1262-4

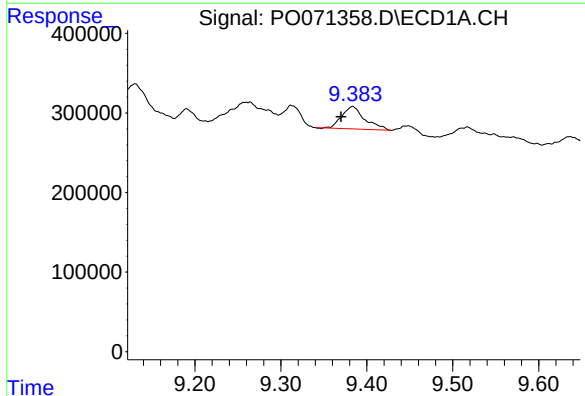
R.T.: 8.830 min
Delta R.T.: 0.014 min
Response: 300120
Conc: 47.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



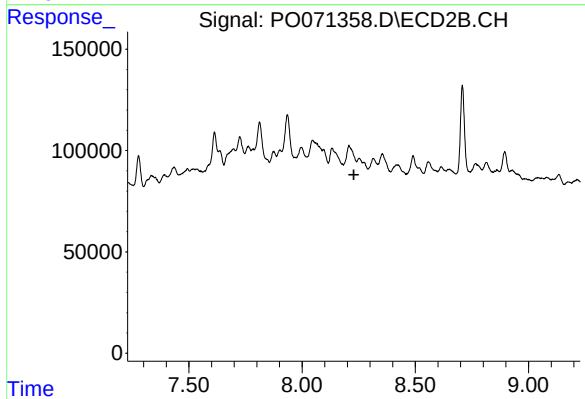
#39 AR-1262-4

R.T.: 7.725 min
Delta R.T.: -0.007 min
Response: 205483
Conc: 35.42 ng/ml



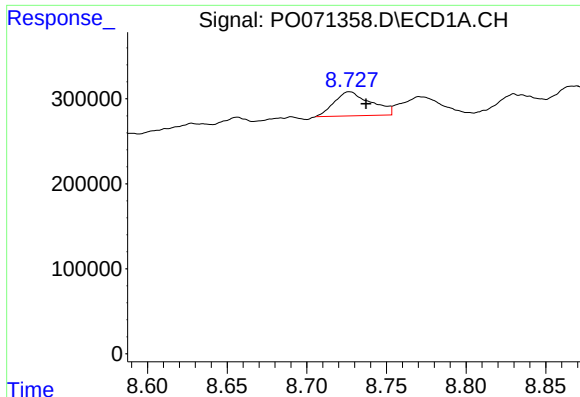
#40 AR-1262-5

R.T.: 9.383 min
Delta R.T.: 0.013 min
Response: 522063
Conc: 116.09 ng/ml



#40 AR-1262-5

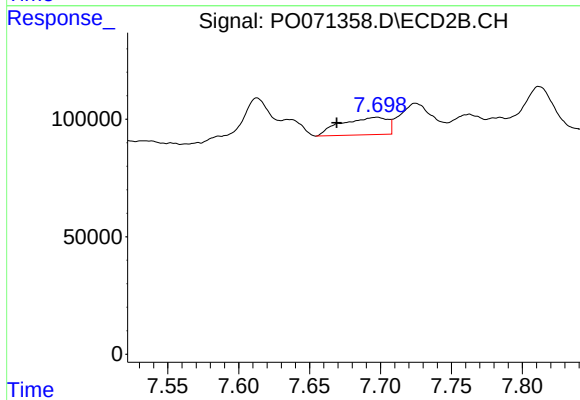
R.T.: 0.000 min
Exp R.T.: 8.229 min
Response: 0
Conc: N.D.



#41 AR-1268-1

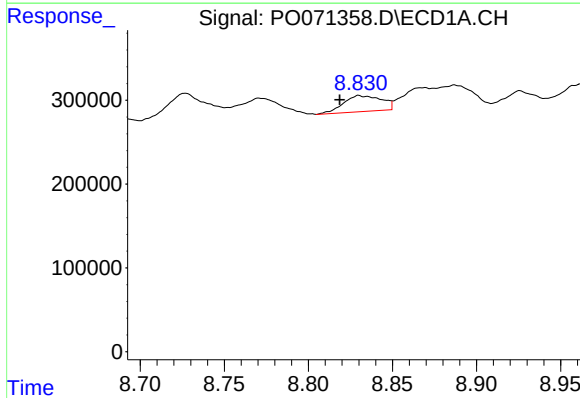
R.T.: 8.727 min
Delta R.T.: -0.010 min
Response: 455524
Conc: 26.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



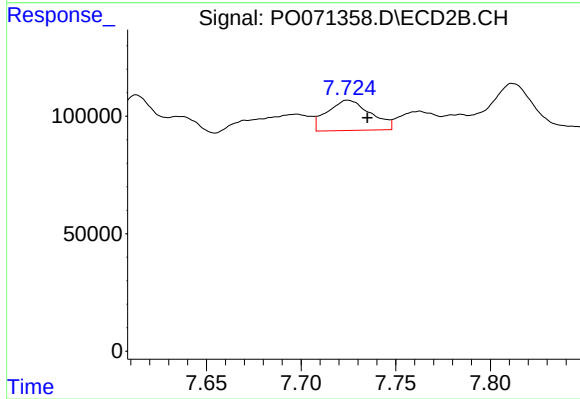
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: 0.028 min
Response: 167990
Conc: 17.13 ng/ml



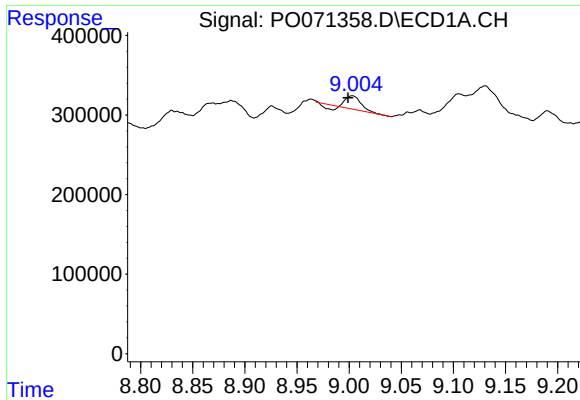
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: 0.011 min
Response: 300120
Conc: 21.47 ng/ml



#42 AR-1268-2

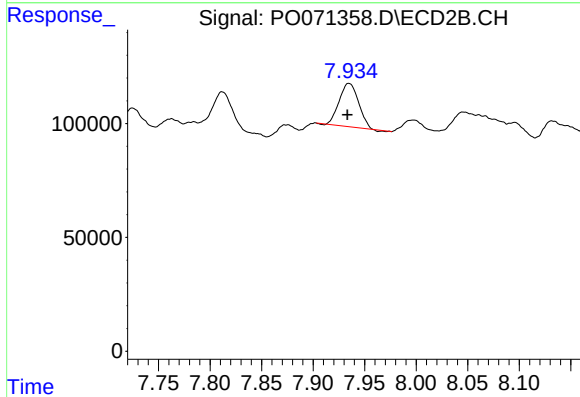
R.T.: 7.725 min
Delta R.T.: -0.010 min
Response: 205483
Conc: 23.95 ng/ml



#43 AR-1268-3

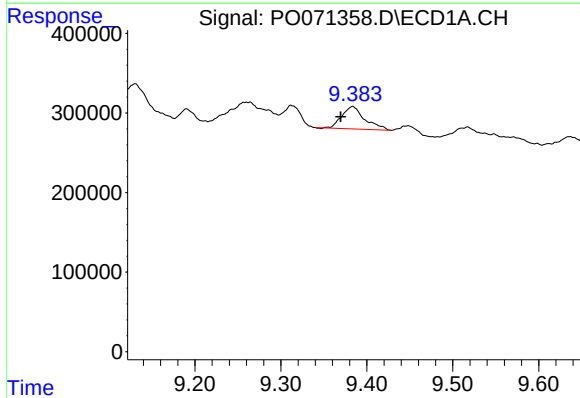
R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 147368
Conc: 12.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
13703



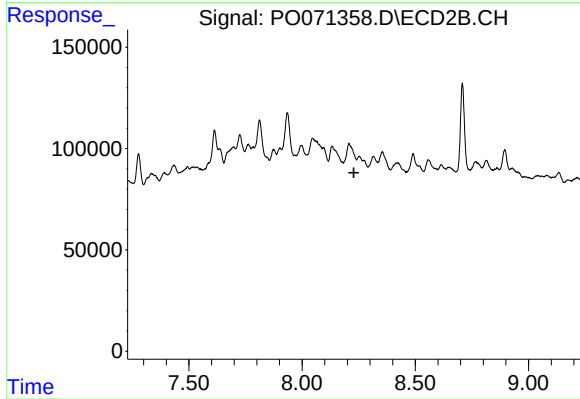
#43 AR-1268-3

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 246152
Conc: 33.71 ng/ml



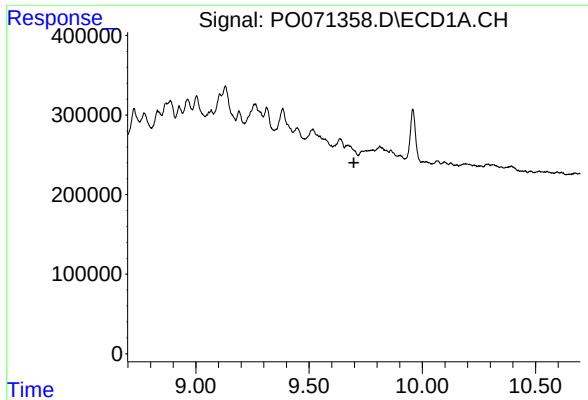
#44 AR-1268-4

R.T.: 9.383 min
Delta R.T.: 0.014 min
Response: 522063
Conc: 101.68 ng/ml



#44 AR-1268-4

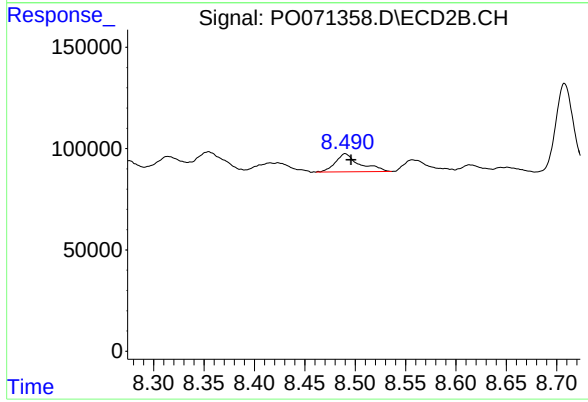
R.T.: 0.000 min
Exp R.T.: 8.228 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
13703



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: -0.006 min
Response: 149433
Conc: 6.96 ng/ml