

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092519\
 Data File : P0061350.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2019 14:41
 Operator : SM/AJ
 Sample : K4657-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 BU-02-092419

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:20:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.374	3.522	641334	457995	17.432	16.403
2)	SA Decachlor...	10.043	8.400	466115	313754	10.145	8.951
Target Compounds							
3)	L1 AR-1016-1	5.468	4.588	70934	7349	44.385	5.945 #
4)	L1 AR-1016-2	0.000	4.601	0	4543	N.D.	2.671 #
5)	L1 AR-1016-3	0.000	4.790	0	3708	N.D.	3.824 #
6)	L1 AR-1016-4	0.000	4.820	0	8243	N.D.	10.070 #
8)	L2 AR-1221-1	4.514	3.787	50066	2036	114.066	5.752 #
9)	L2 AR-1221-2	4.678	3.814	131565	27902	385.189	99.280 #
10)	L2 AR-1221-3	4.771	3.895	109892	4446	103.749	5.357 #
11)	L3 AR-1232-1	4.771	3.895	109892	4446	94.184	4.879 #
12)	L3 AR-1232-2	5.250	4.601	29745	4543	45.875	4.500 #
13)	L3 AR-1232-3	0.000	4.790	0	3708	N.D.	6.607 #
14)	L3 AR-1232-4	0.000	4.866	0	14929	N.D.	28.587 #
16)	L4 AR-1242-1	5.468	4.588	70934	7349	59.438	8.073 #
17)	L4 AR-1242-2	0.000	4.601	0	4543	N.D.	3.629 #
18)	L4 AR-1242-3	0.000	4.790	0	3708	N.D.	5.189 #
19)	L4 AR-1242-4	0.000	4.866	0	14929	N.D.	20.500 #
20)	L4 AR-1242-5	6.390	5.364	36954	114702	32.975	115.872 #
21)	L5 AR-1248-1	5.468	4.588	70934	7349	77.052	10.362 #
22)	L5 AR-1248-2	0.000	4.820	0	8243	N.D.	8.531 #
23)	L5 AR-1248-3	0.000	4.866	0	14929	N.D.	14.823 #
24)	L5 AR-1248-4	6.390	5.045	36954	-764	20.284	N.D. #
25)	L5 AR-1248-5	6.390	5.364	36954	114702	21.122	90.734 #
26)	L6 AR-1254-1	6.390	5.364	36954	114702	19.181	55.655 #
27)	L6 AR-1254-2	6.607	5.525	125172	22626	39.776	11.990 #
28)	L6 AR-1254-3	6.982	5.895	98500	18991	27.967	5.973 #
29)	L6 AR-1254-4	7.258	6.110	38013	15130	14.042	7.267 #
30)	L6 AR-1254-5	7.674	6.530	67200	48980	22.789	15.476 #
31)	L7 AR-1260-1	7.134	6.023	64833	45580	26.630	21.670
32)	L7 AR-1260-2	7.386	6.208	227355	24145	75.200	9.361 #
33)	L7 AR-1260-3	7.748	6.358	36745	25997	15.397	10.796 #
34)	L7 AR-1260-4	7.972	6.822	88013	20899	31.459	9.765 #
35)	L7 AR-1260-5	8.288	7.063	53347	42658	9.797	8.827
36)	L8 AR-1262-1	7.748	6.569	36745	17443	10.402	5.840 #
37)	L8 AR-1262-2	8.288	7.063	53347	42658	8.557	8.204
38)	L8 AR-1262-3	8.606	7.345	53209	17186	12.488	8.097 #
39)	L8 AR-1262-4	8.662	7.403	26303	39739	8.067	10.404 #
40)	L8 AR-1262-5	9.315	7.894	12376	9892	6.086	5.910
41)	L9 AR-1268-1	8.606	7.345	53209	17186	7.209	2.932 #
42)	L9 AR-1268-2	8.662	7.403	26303	39739	3.894	7.456 #
43)	L9 AR-1268-3	0.000	7.605	0	4058	N.D.	0.916 #

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Volume Inj. : 2 µl
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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
44) L9	AR-1268-4	9.315	7.894	12376	9892	5.365	5.177
45) L9	AR-1268-5	9.715	8.164	14160	9830	0.893	0.817

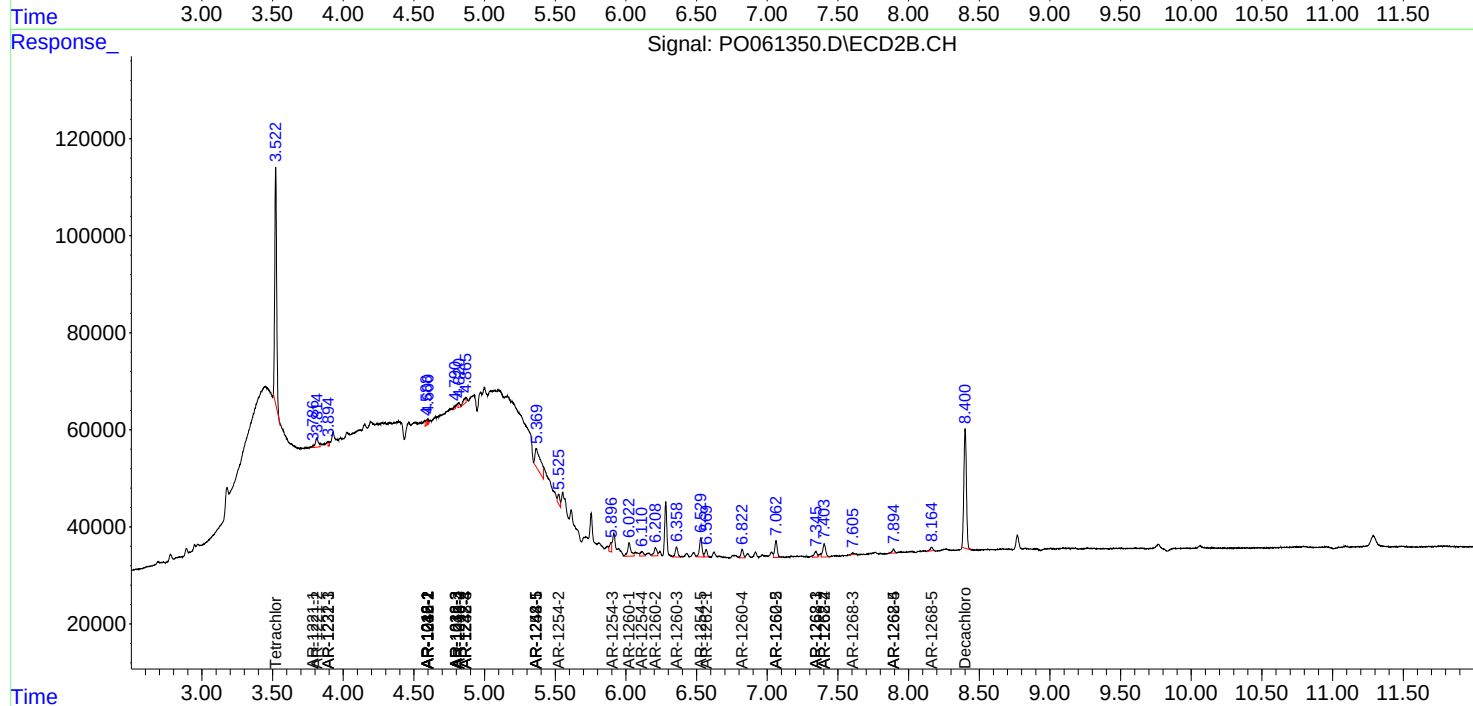
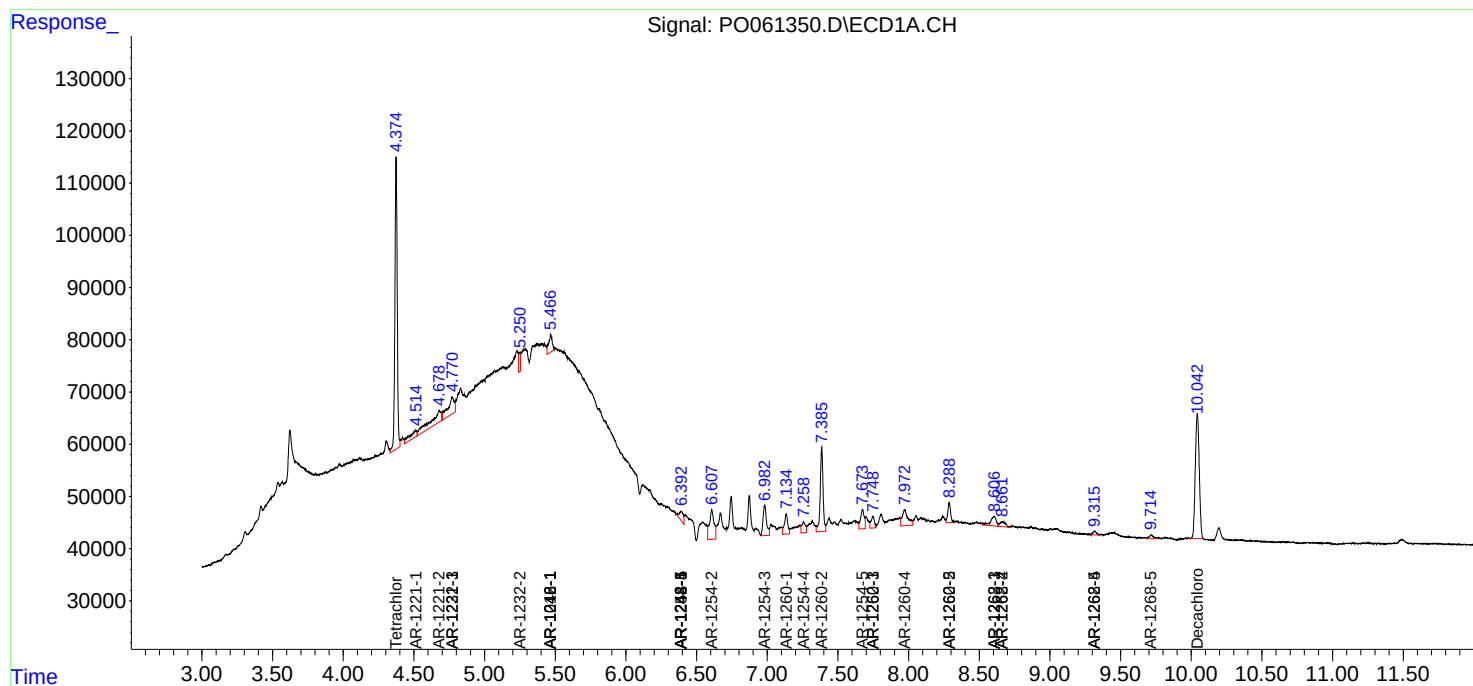
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

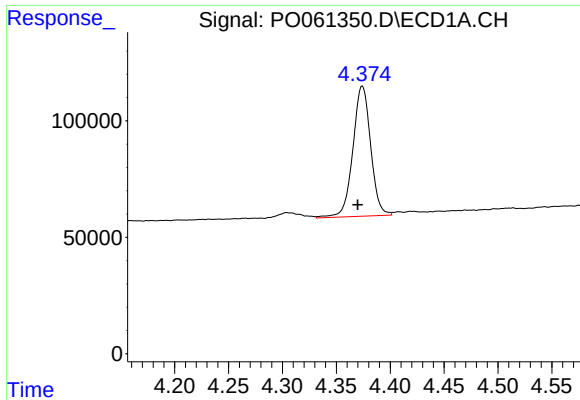
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092519\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

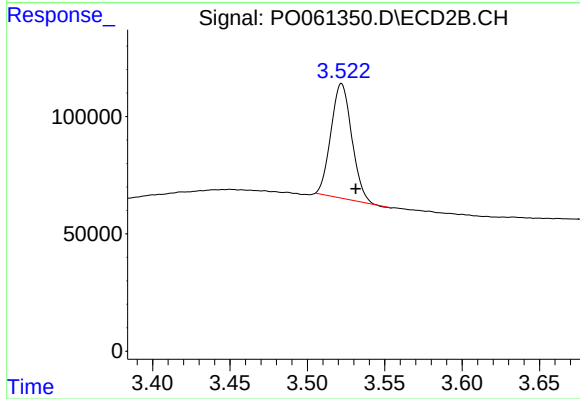




#1 Tetrachloro-m-xylene

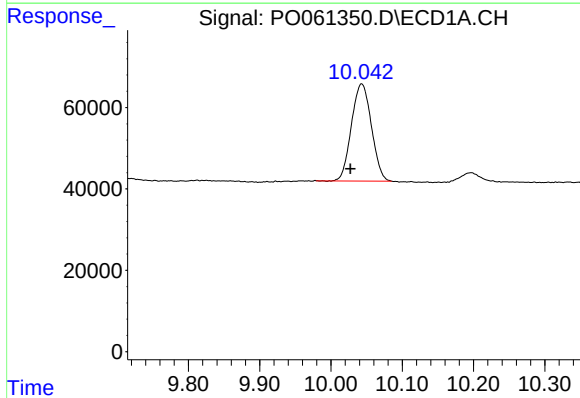
R.T.: 4.374 min
Delta R.T.: 0.004 min
Response: 641334
Conc: 17.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



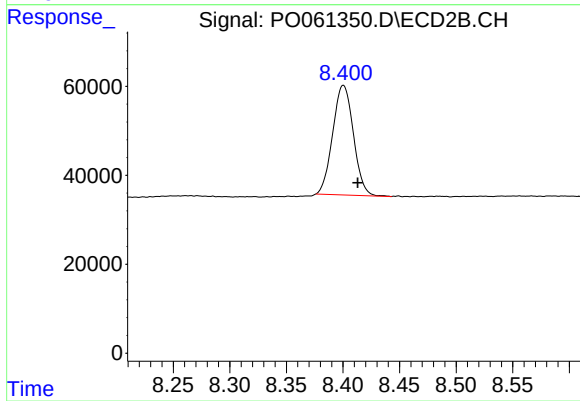
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.009 min
Response: 457995
Conc: 16.40 ng/ml



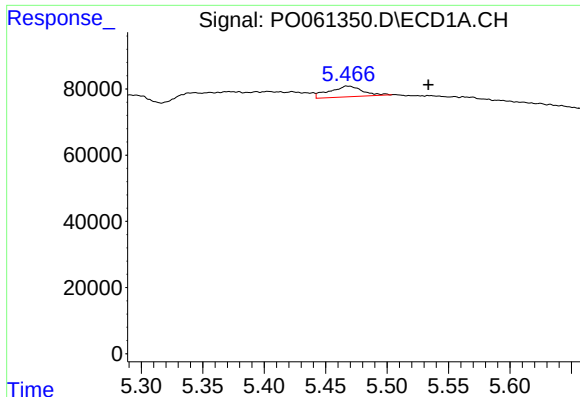
#2 Decachlorobiphenyl

R.T.: 10.043 min
Delta R.T.: 0.016 min
Response: 466115
Conc: 10.14 ng/ml



#2 Decachlorobiphenyl

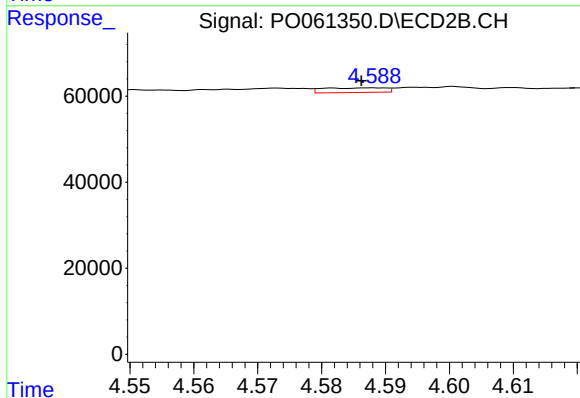
R.T.: 8.400 min
Delta R.T.: -0.013 min
Response: 313754
Conc: 8.95 ng/ml



#3 AR-1016-1

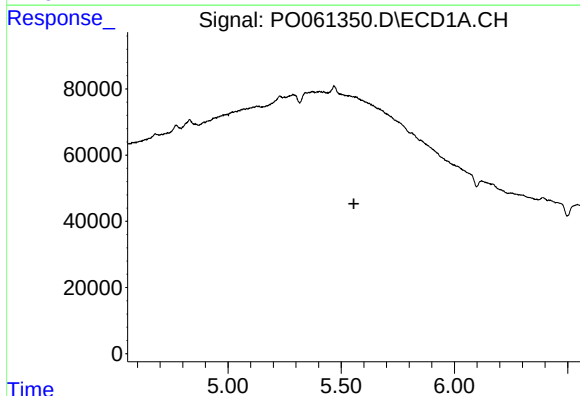
R.T.: 5.468 min
Delta R.T.: -0.066 min
Response: 70934
Conc: 44.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



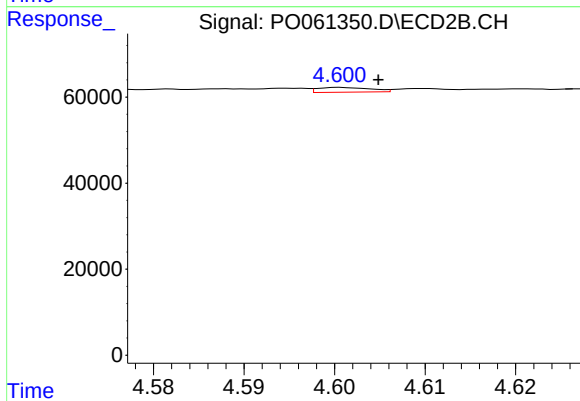
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: 0.002 min
Response: 7349
Conc: 5.94 ng/ml



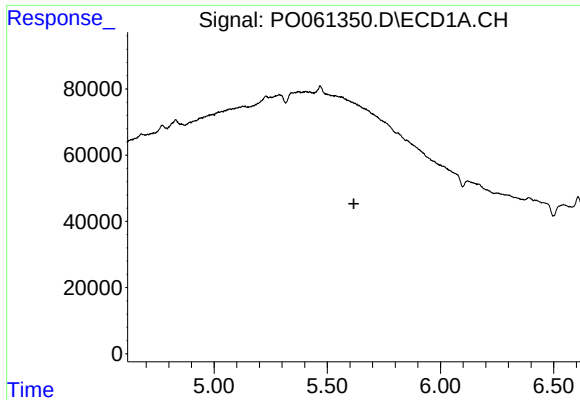
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#4 AR-1016-2

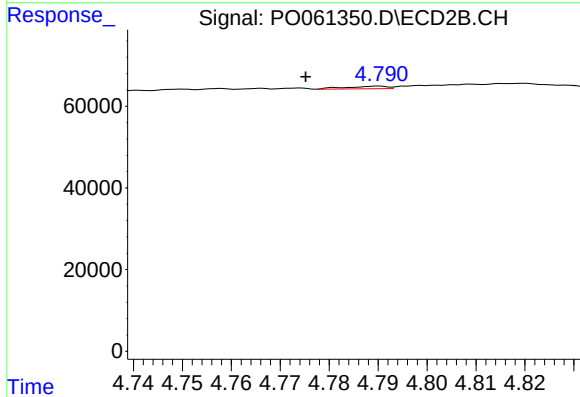
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 4543
Conc: 2.67 ng/ml



#5 AR-1016-3

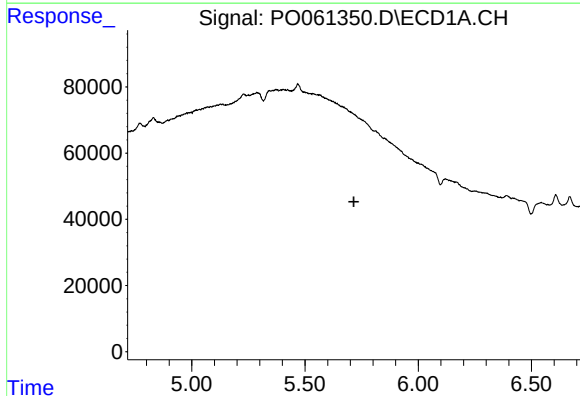
R.T.: 0.000 min
Exp R.T.: 5.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



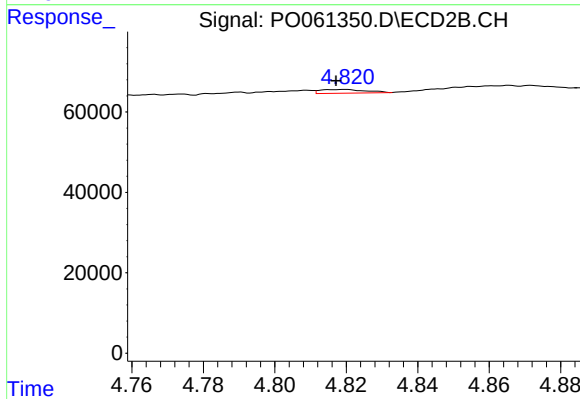
#5 AR-1016-3

R.T.: 4.790 min
Delta R.T.: 0.015 min
Response: 3708
Conc: 3.82 ng/ml



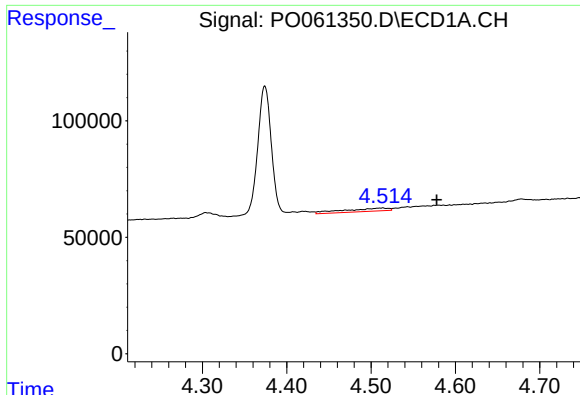
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.716 min
Response: 0
Conc: N.D.



#6 AR-1016-4

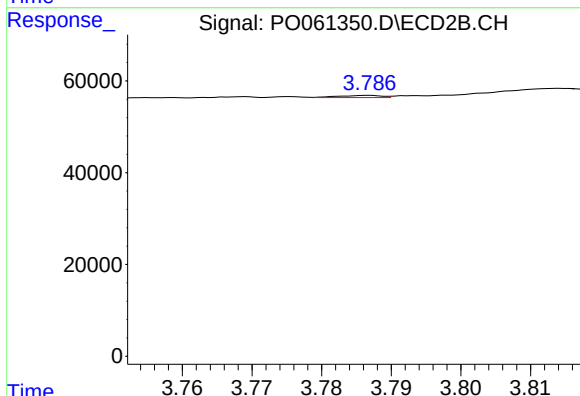
R.T.: 4.820 min
Delta R.T.: 0.003 min
Response: 8243
Conc: 10.07 ng/ml



#8 AR-1221-1

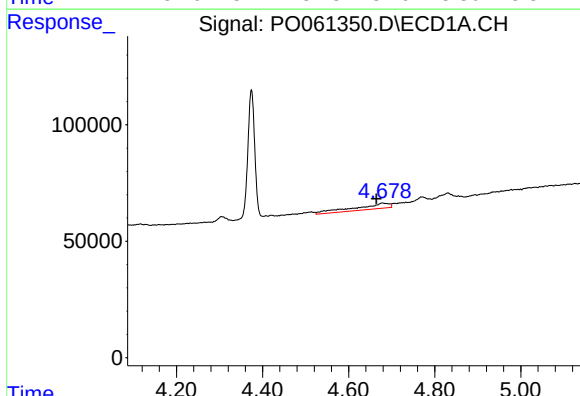
R.T.: 4.514 min
Delta R.T.: -0.064 min
Response: 50066
Conc: 114.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



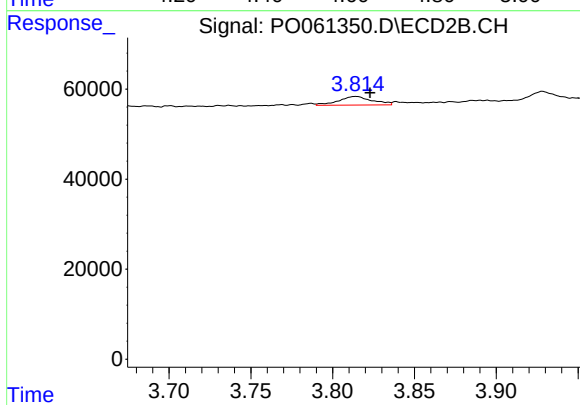
#8 AR-1221-1

R.T.: 3.787 min
Delta R.T.: 0.046 min
Response: 2036
Conc: 5.75 ng/ml



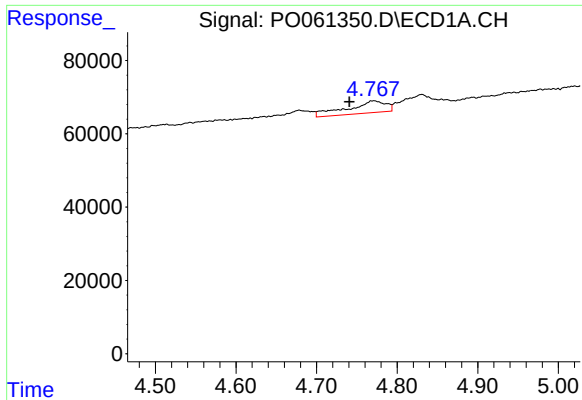
#9 AR-1221-2

R.T.: 4.678 min
Delta R.T.: 0.014 min
Response: 131565
Conc: 385.19 ng/ml



#9 AR-1221-2

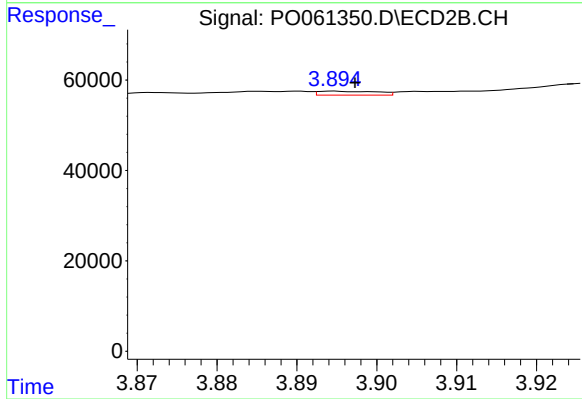
R.T.: 3.814 min
Delta R.T.: -0.009 min
Response: 27902
Conc: 99.28 ng/ml



#10 AR-1221-3

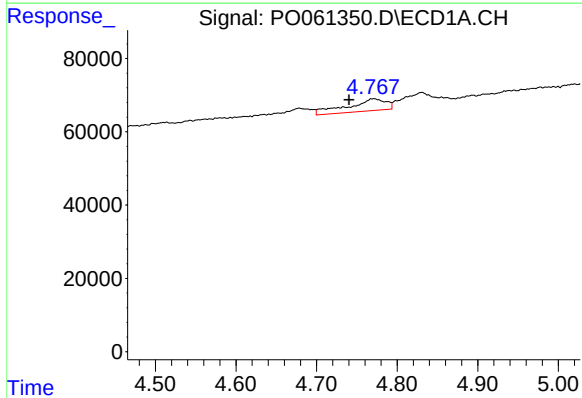
R.T.: 4.771 min
Delta R.T.: 0.030 min
Response: 109892
Conc: 103.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



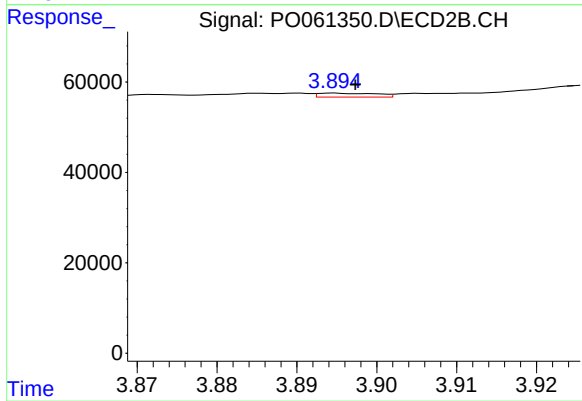
#10 AR-1221-3

R.T.: 3.895 min
Delta R.T.: -0.003 min
Response: 4446
Conc: 5.36 ng/ml



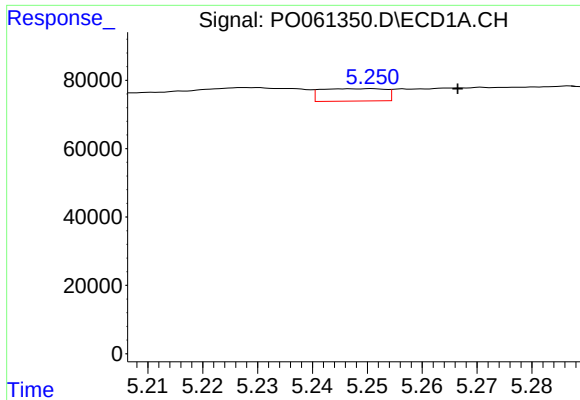
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: 0.031 min
Response: 109892
Conc: 94.18 ng/ml



#11 AR-1232-1

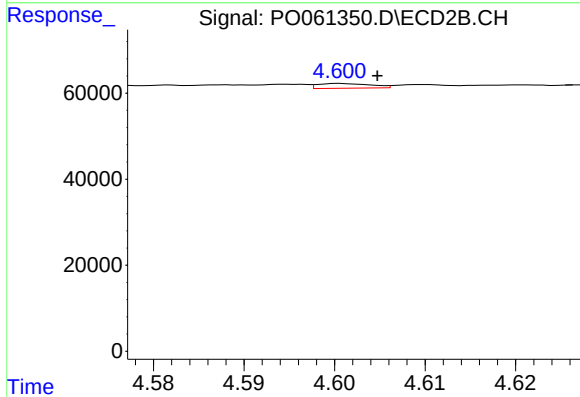
R.T.: 3.895 min
Delta R.T.: -0.003 min
Response: 4446
Conc: 4.88 ng/ml



#12 AR-1232-2

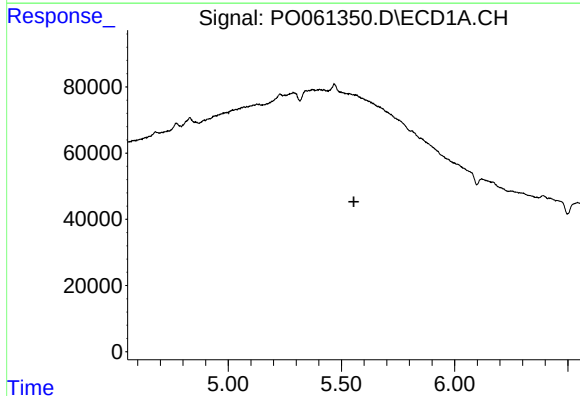
R.T.: 5.250 min
Delta R.T.: -0.016 min
Response: 29745
Conc: 45.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
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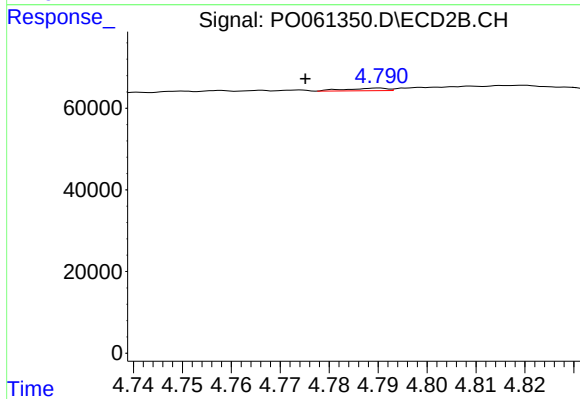
#12 AR-1232-2

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 4543
Conc: 4.50 ng/ml



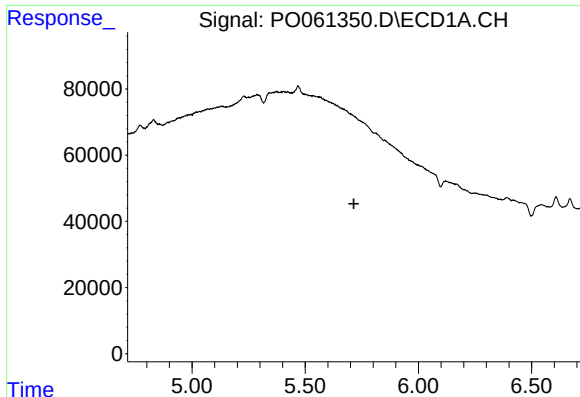
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.555 min
Response: 0
Conc: N.D.



#13 AR-1232-3

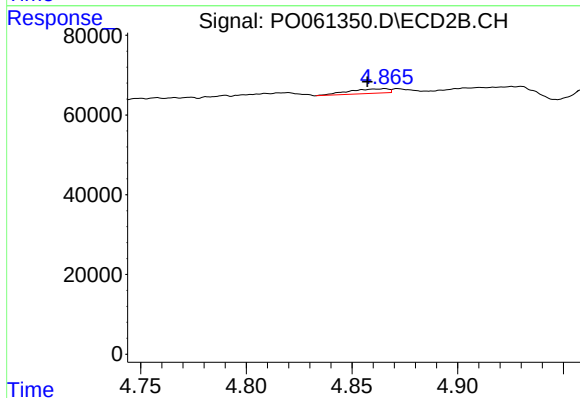
R.T.: 4.790 min
Delta R.T.: 0.015 min
Response: 3708
Conc: 6.61 ng/ml



#14 AR-1232-4

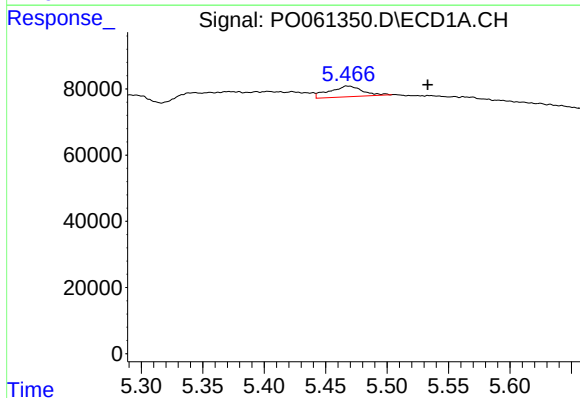
R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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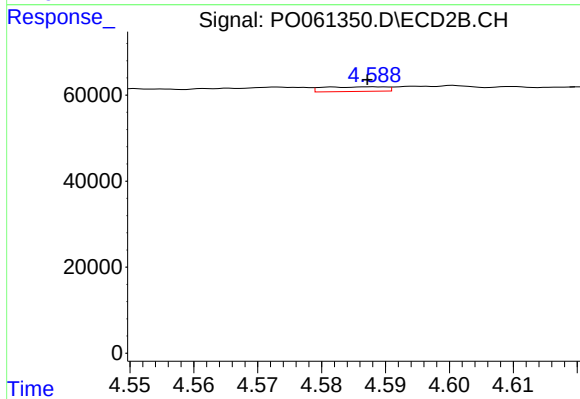
#14 AR-1232-4

R.T.: 4.866 min
Delta R.T.: 0.008 min
Response: 14929
Conc: 28.59 ng/ml



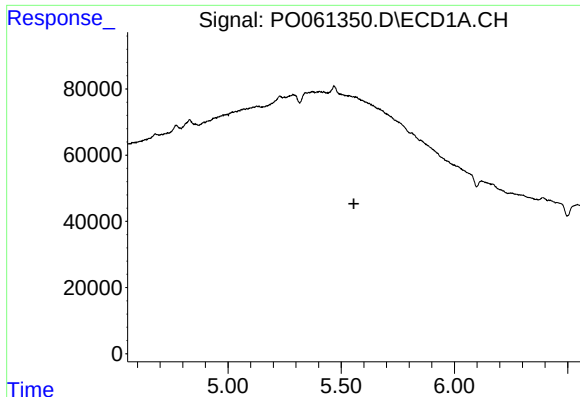
#16 AR-1242-1

R.T.: 5.468 min
Delta R.T.: -0.065 min
Response: 70934
Conc: 59.44 ng/ml



#16 AR-1242-1

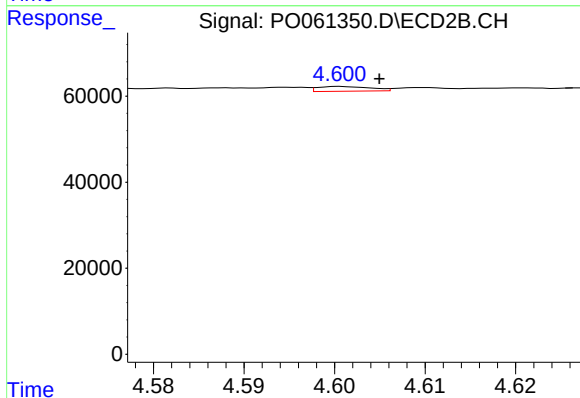
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 7349
Conc: 8.07 ng/ml



#17 AR-1242-2

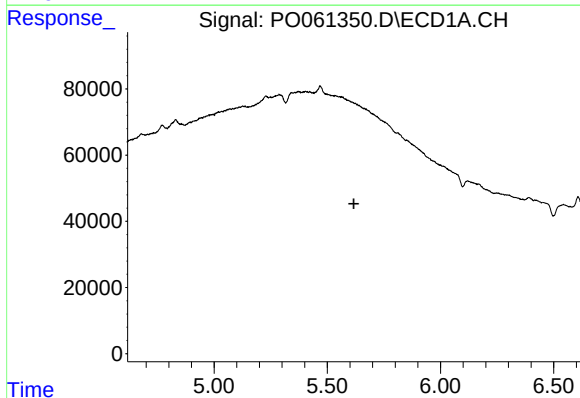
R.T.: 0.000 min
Exp R.T.: 5.556 min
Response: 0
Conc: N.D.

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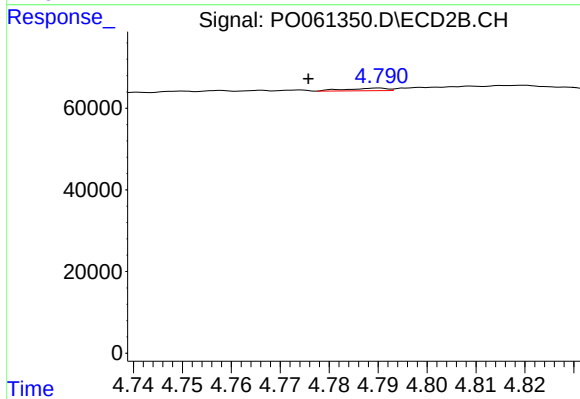
#17 AR-1242-2

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 4543
Conc: 3.63 ng/ml



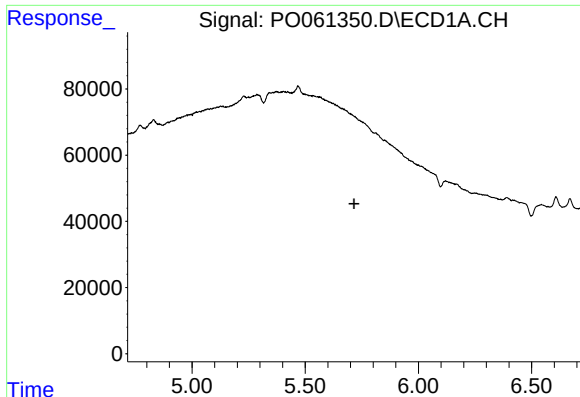
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.617 min
Response: 0
Conc: N.D.



#18 AR-1242-3

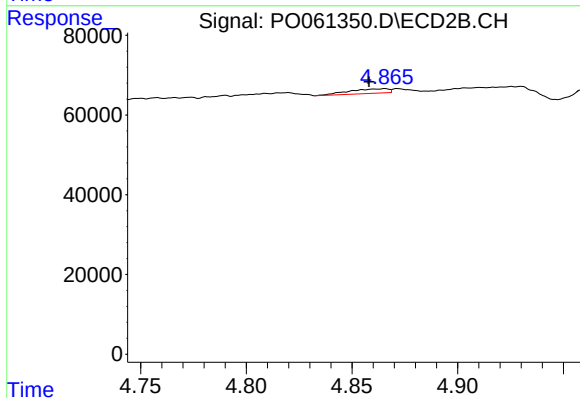
R.T.: 4.790 min
Delta R.T.: 0.014 min
Response: 3708
Conc: 5.19 ng/ml



#19 AR-1242-4

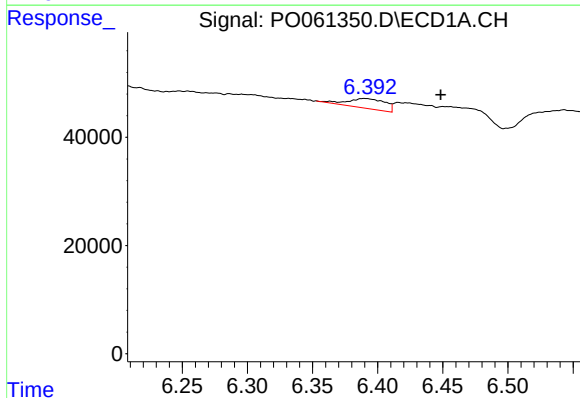
R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



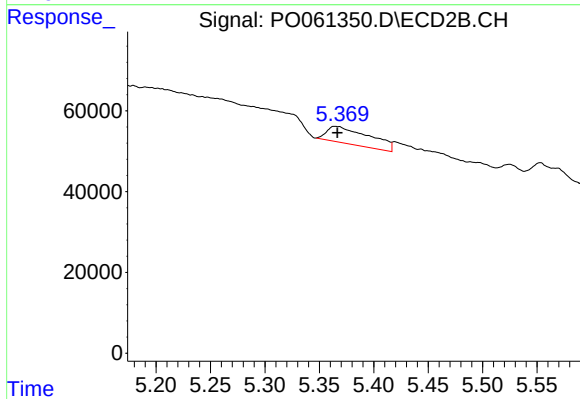
#19 AR-1242-4

R.T.: 4.866 min
Delta R.T.: 0.008 min
Response: 14929
Conc: 20.50 ng/ml



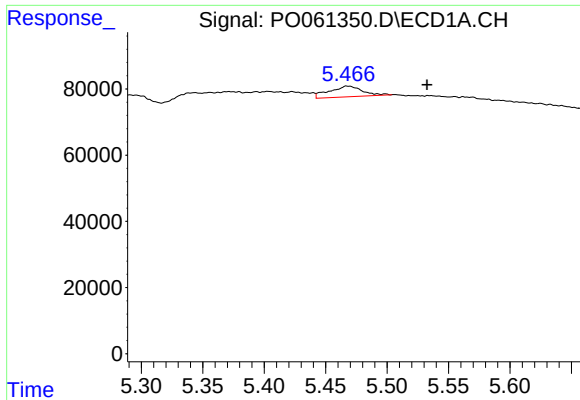
#20 AR-1242-5

R.T.: 6.390 min
Delta R.T.: -0.058 min
Response: 36954
Conc: 32.97 ng/ml



#20 AR-1242-5

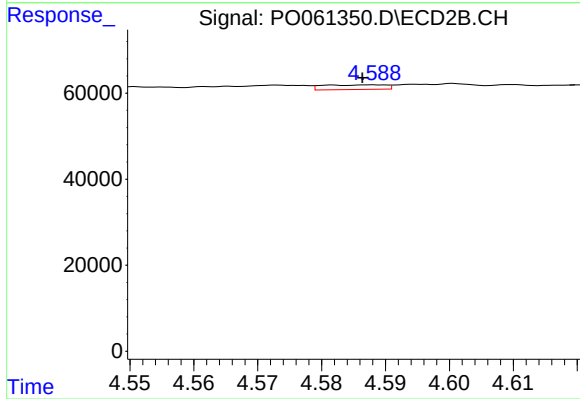
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 114702
Conc: 115.87 ng/ml



#21 AR-1248-1

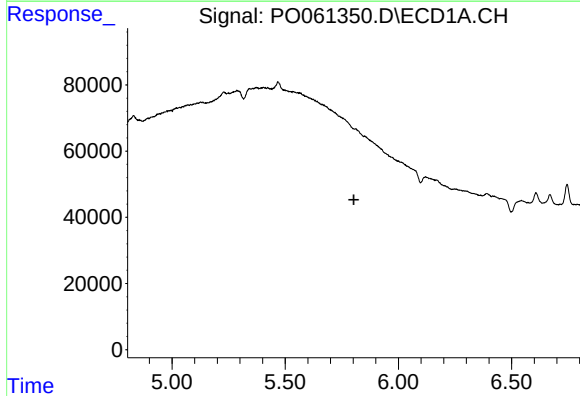
R.T.: 5.468 min
Delta R.T.: -0.065 min
Response: 70934
Conc: 77.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



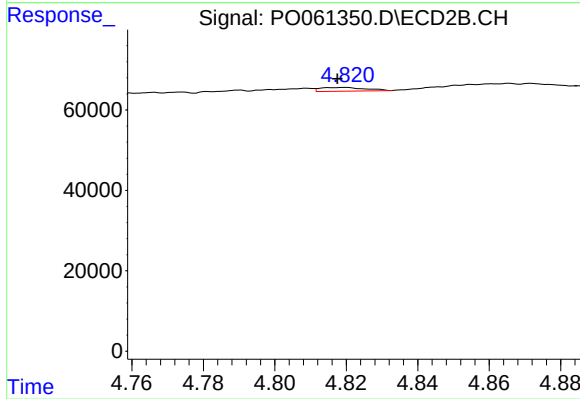
#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: 0.002 min
Response: 7349
Conc: 10.36 ng/ml



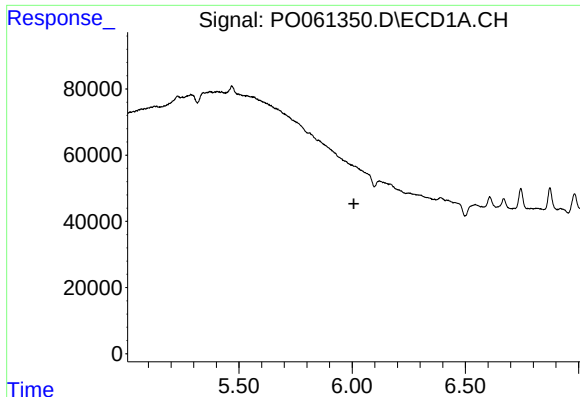
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.804 min
Response: 0
Conc: N.D.



#22 AR-1248-2

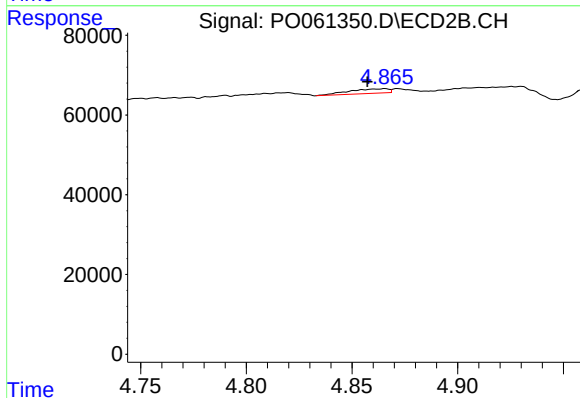
R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 8243
Conc: 8.53 ng/ml



#23 AR-1248-3

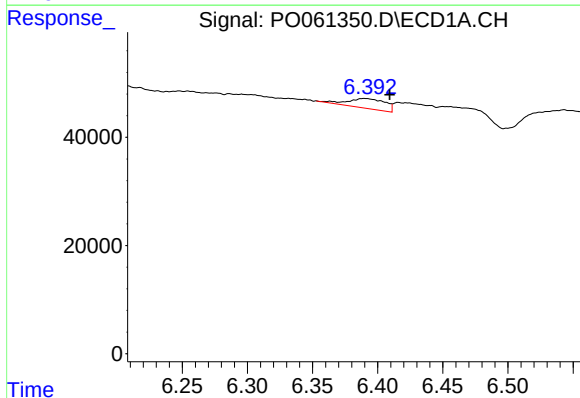
R.T.: 0.000 min
Exp R.T.: 6.007 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



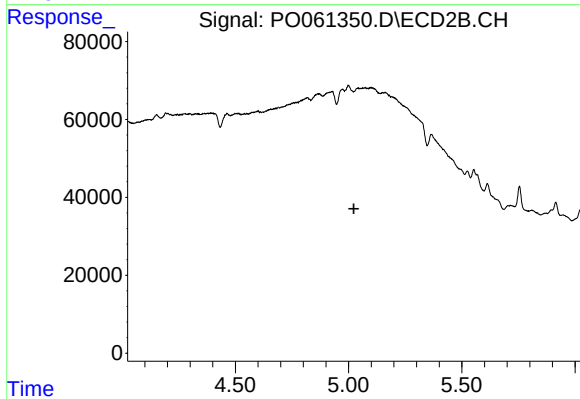
#23 AR-1248-3

R.T.: 4.866 min
Delta R.T.: 0.008 min
Response: 14929
Conc: 14.82 ng/ml



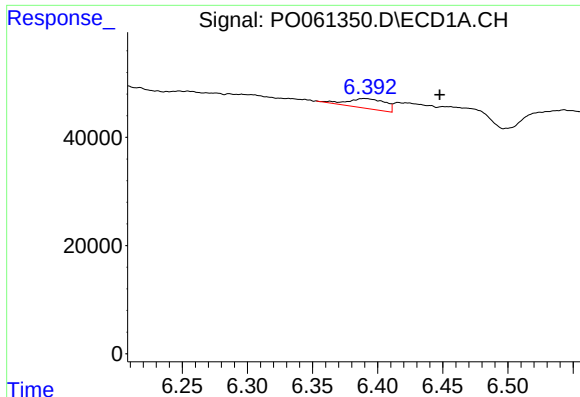
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.019 min
Response: 36954
Conc: 20.28 ng/ml



#24 AR-1248-4

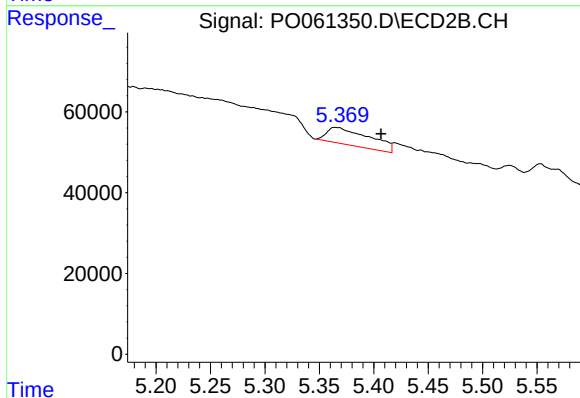
R.T.: 5.045 min
Delta R.T.: 0.021 min
Response: -764
Conc: N.D.



#25 AR-1248-5

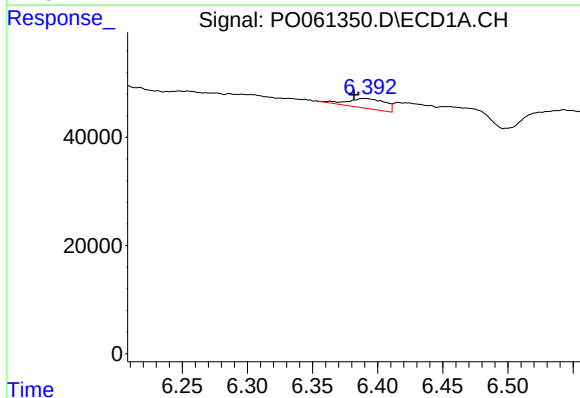
R.T.: 6.390 min
Delta R.T.: -0.058 min
Response: 36954
Conc: 21.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



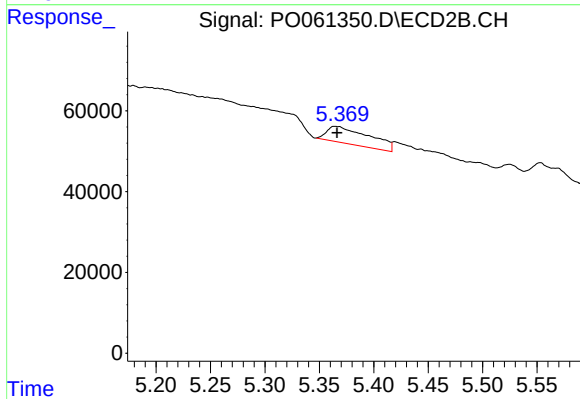
#25 AR-1248-5

R.T.: 5.364 min
Delta R.T.: -0.042 min
Response: 114702
Conc: 90.73 ng/ml



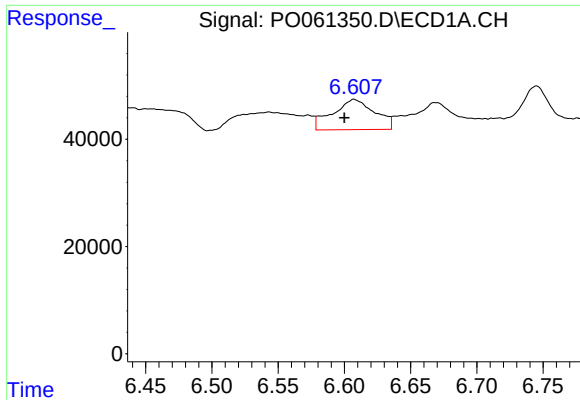
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: 0.008 min
Response: 36954
Conc: 19.18 ng/ml



#26 AR-1254-1

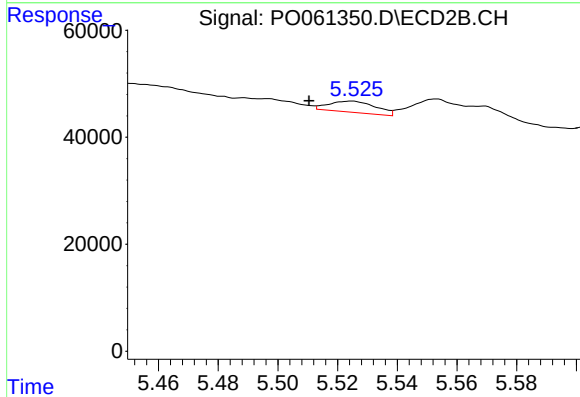
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 114702
Conc: 55.66 ng/ml



#27 AR-1254-2

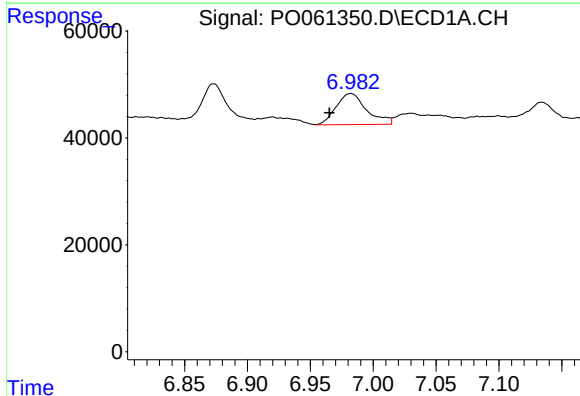
R.T.: 6.607 min
Delta R.T.: 0.007 min
Response: 125172
Conc: 39.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



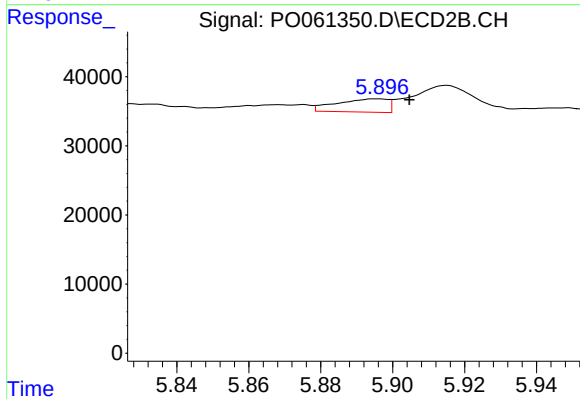
#27 AR-1254-2

R.T.: 5.525 min
Delta R.T.: 0.014 min
Response: 22626
Conc: 11.99 ng/ml



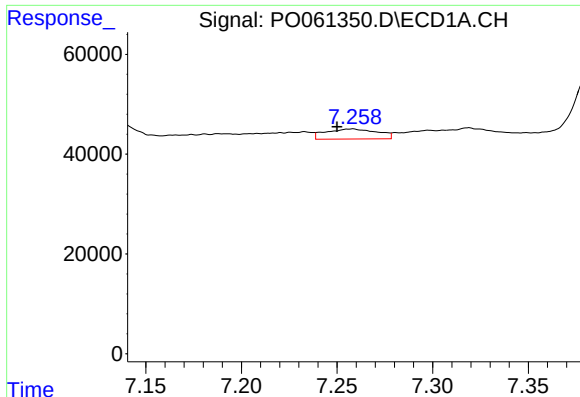
#28 AR-1254-3

R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 98500
Conc: 27.97 ng/ml



#28 AR-1254-3

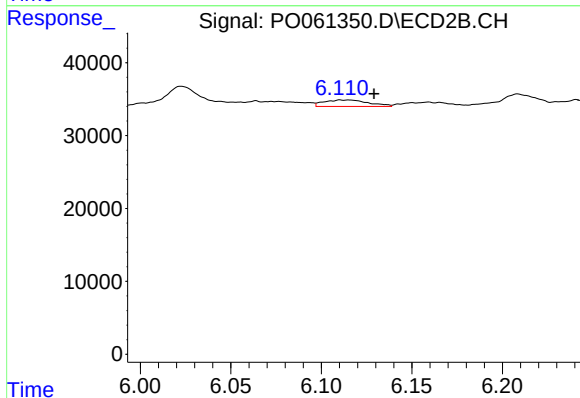
R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 18991
Conc: 5.97 ng/ml



#29 AR-1254-4

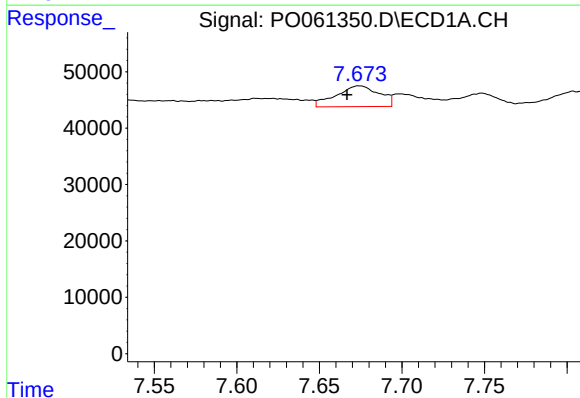
R.T.: 7.258 min
Delta R.T.: 0.008 min
Response: 38013
Conc: 14.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



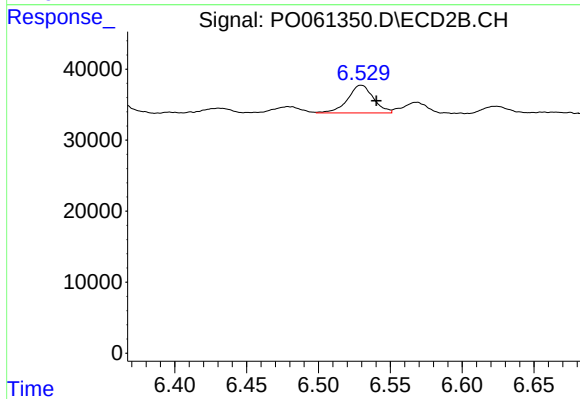
#29 AR-1254-4

R.T.: 6.110 min
Delta R.T.: -0.019 min
Response: 15130
Conc: 7.27 ng/ml



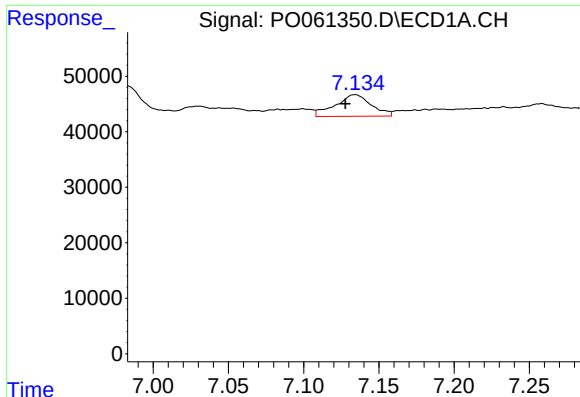
#30 AR-1254-5

R.T.: 7.674 min
Delta R.T.: 0.008 min
Response: 67200
Conc: 22.79 ng/ml



#30 AR-1254-5

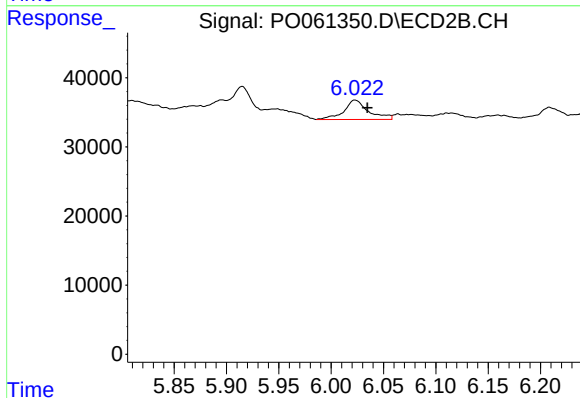
R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 48980
Conc: 15.48 ng/ml



#31 AR-1260-1

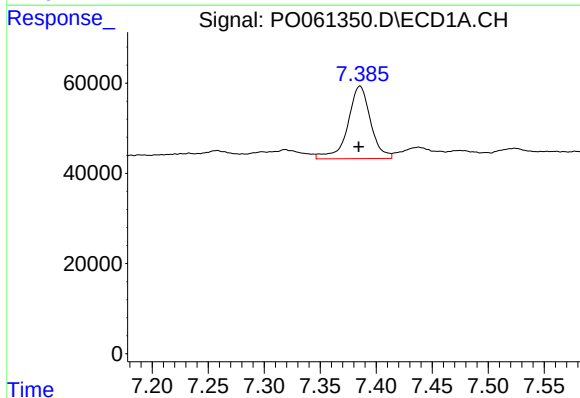
R.T.: 7.134 min
Delta R.T.: 0.006 min
Response: 64833
Conc: 26.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



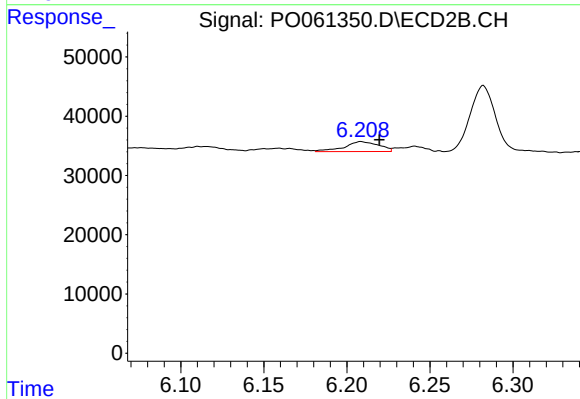
#31 AR-1260-1

R.T.: 6.023 min
Delta R.T.: -0.012 min
Response: 45580
Conc: 21.67 ng/ml



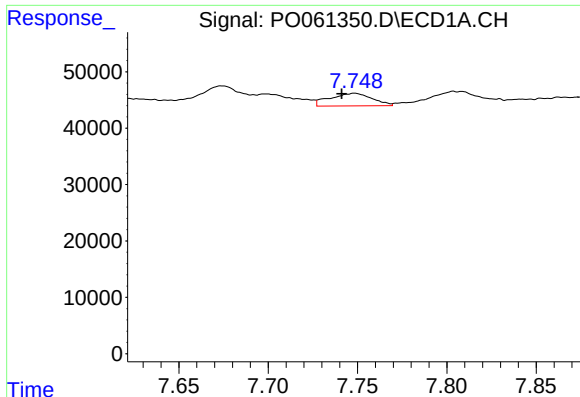
#32 AR-1260-2

R.T.: 7.386 min
Delta R.T.: 0.001 min
Response: 227355
Conc: 75.20 ng/ml



#32 AR-1260-2

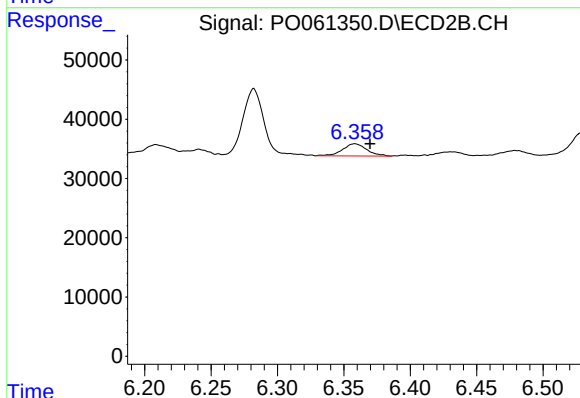
R.T.: 6.208 min
Delta R.T.: -0.011 min
Response: 24145
Conc: 9.36 ng/ml



#33 AR-1260-3

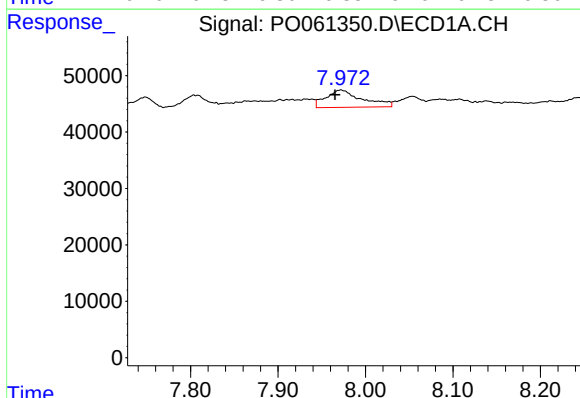
R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 36745
Conc: 15.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



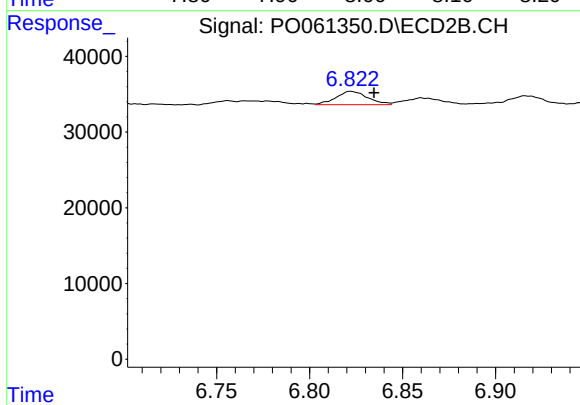
#33 AR-1260-3

R.T.: 6.358 min
Delta R.T.: -0.011 min
Response: 25997
Conc: 10.80 ng/ml



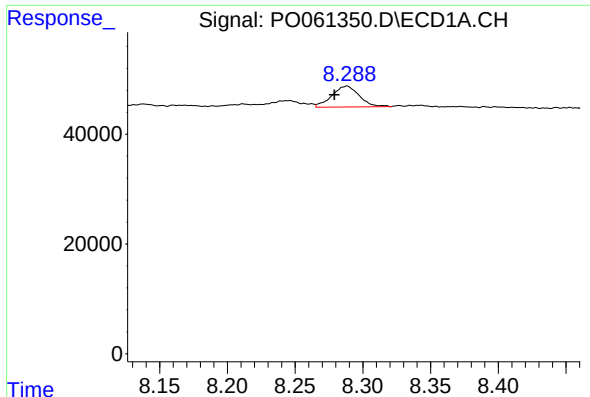
#34 AR-1260-4

R.T.: 7.972 min
Delta R.T.: 0.006 min
Response: 88013
Conc: 31.46 ng/ml



#34 AR-1260-4

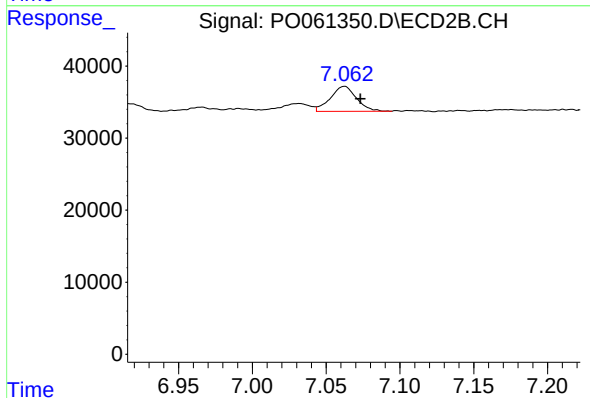
R.T.: 6.822 min
Delta R.T.: -0.013 min
Response: 20899
Conc: 9.76 ng/ml



#35 AR-1260-5

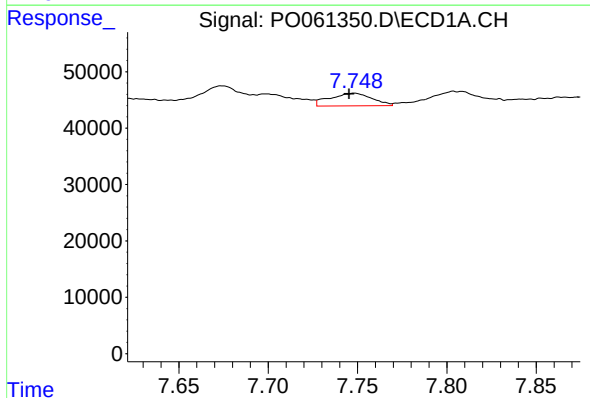
R.T.: 8.288 min
Delta R.T.: 0.009 min
Response: 53347
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



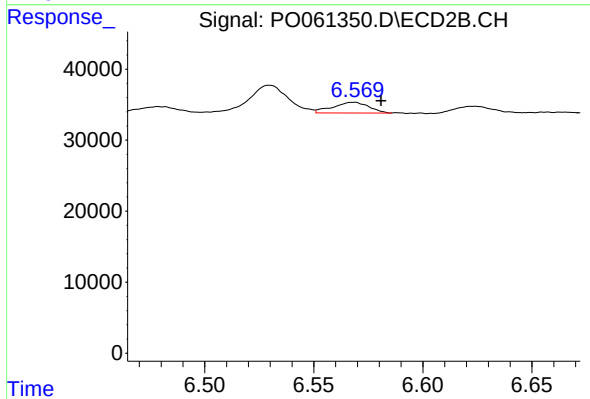
#35 AR-1260-5

R.T.: 7.063 min
Delta R.T.: -0.011 min
Response: 42658
Conc: 8.83 ng/ml



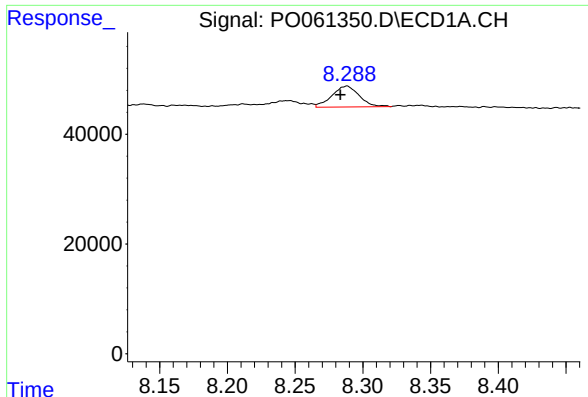
#36 AR-1262-1

R.T.: 7.748 min
Delta R.T.: 0.003 min
Response: 36745
Conc: 10.40 ng/ml



#36 AR-1262-1

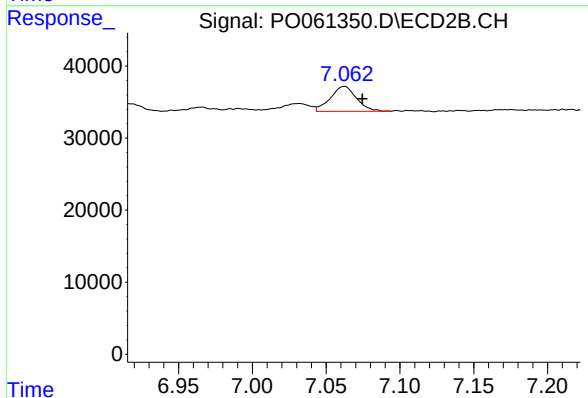
R.T.: 6.569 min
Delta R.T.: -0.012 min
Response: 17443
Conc: 5.84 ng/ml



#37 AR-1262-2

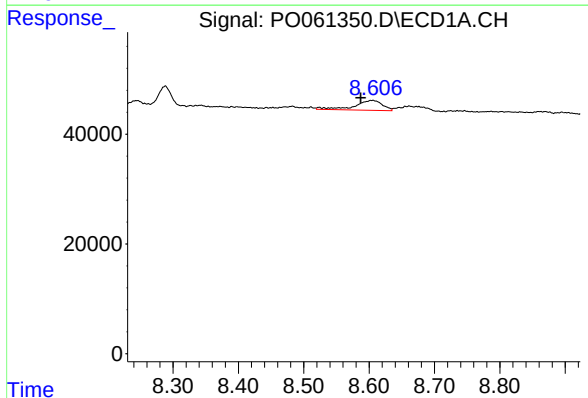
R.T.: 8.288 min
Delta R.T.: 0.005 min
Response: 53347
Conc: 8.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



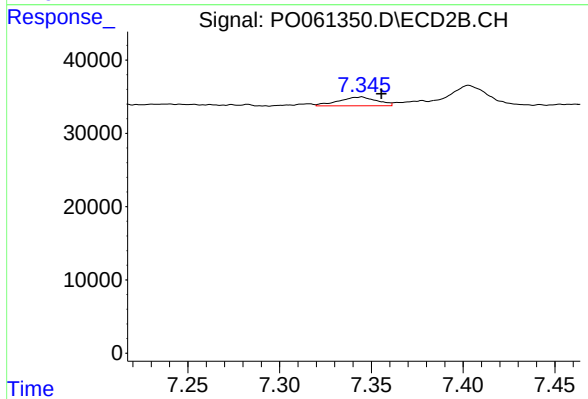
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.012 min
Response: 42658
Conc: 8.20 ng/ml



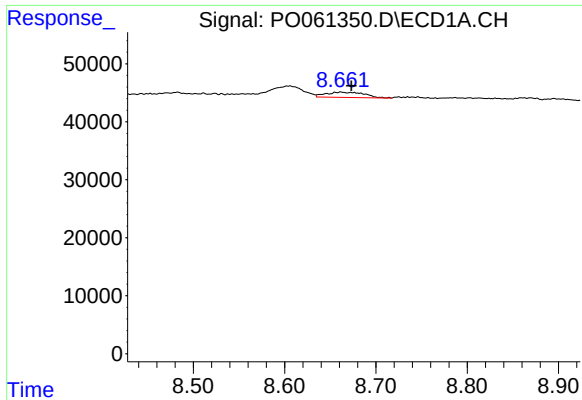
#38 AR-1262-3

R.T.: 8.606 min
Delta R.T.: 0.019 min
Response: 53209
Conc: 12.49 ng/ml



#38 AR-1262-3

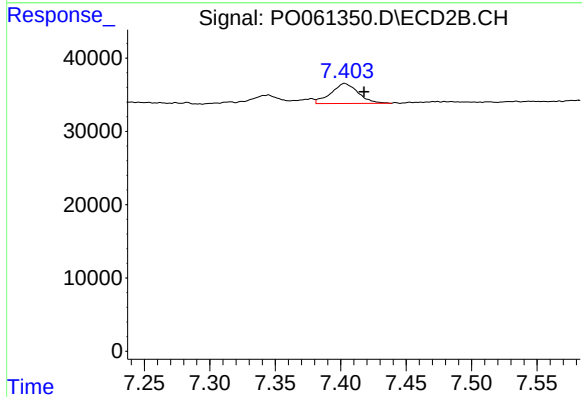
R.T.: 7.345 min
Delta R.T.: -0.011 min
Response: 17186
Conc: 8.10 ng/ml



#39 AR-1262-4

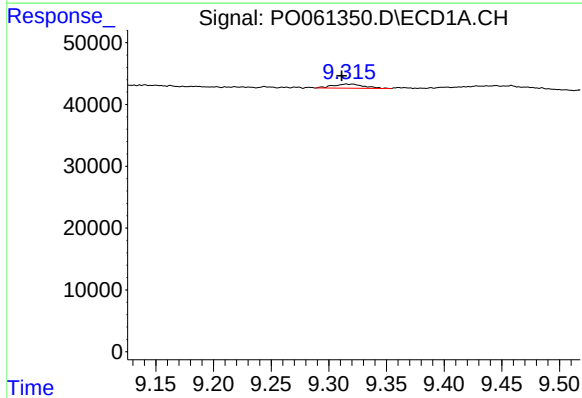
R.T.: 8.662 min
Delta R.T.: -0.012 min
Response: 26303
Conc: 8.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



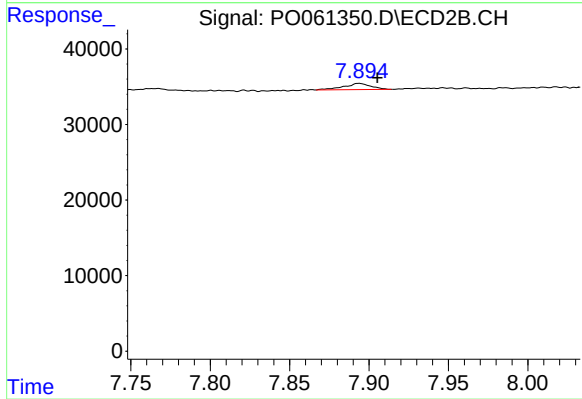
#39 AR-1262-4

R.T.: 7.403 min
Delta R.T.: -0.015 min
Response: 39739
Conc: 10.40 ng/ml



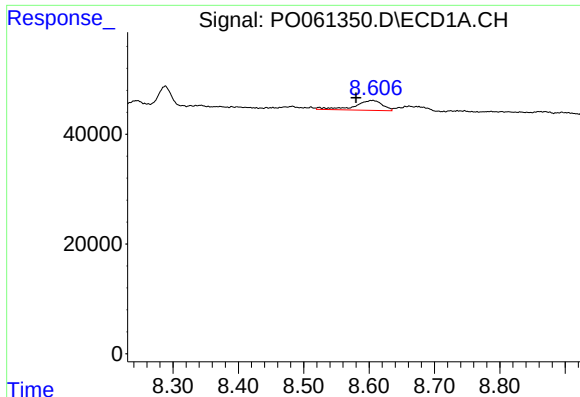
#40 AR-1262-5

R.T.: 9.315 min
Delta R.T.: 0.004 min
Response: 12376
Conc: 6.09 ng/ml



#40 AR-1262-5

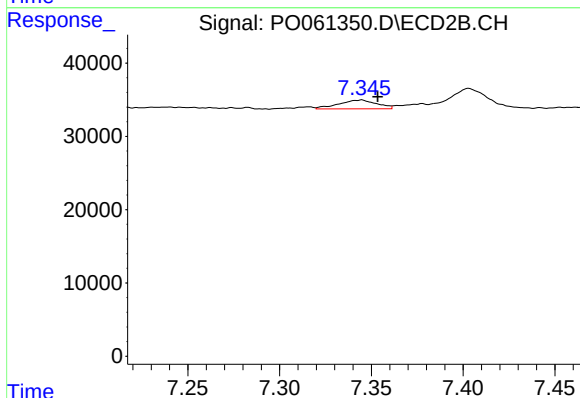
R.T.: 7.894 min
Delta R.T.: -0.012 min
Response: 9892
Conc: 5.91 ng/ml



#41 AR-1268-1

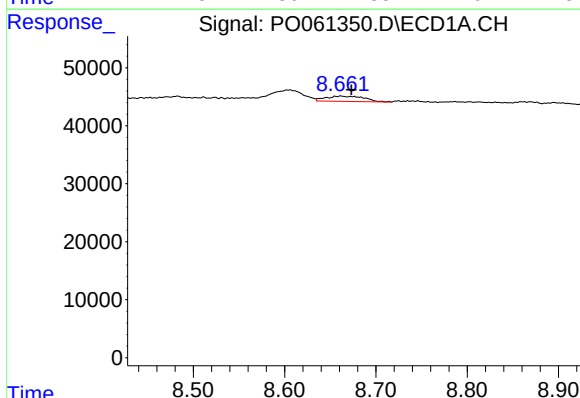
R.T.: 8.606 min
Delta R.T.: 0.025 min
Response: 53209
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



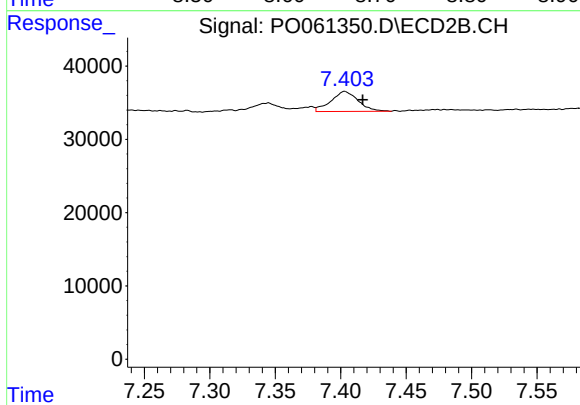
#41 AR-1268-1

R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 17186
Conc: 2.93 ng/ml



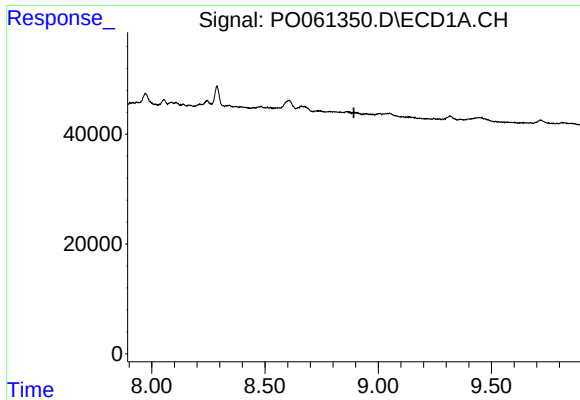
#42 AR-1268-2

R.T.: 8.662 min
Delta R.T.: -0.012 min
Response: 26303
Conc: 3.89 ng/ml



#42 AR-1268-2

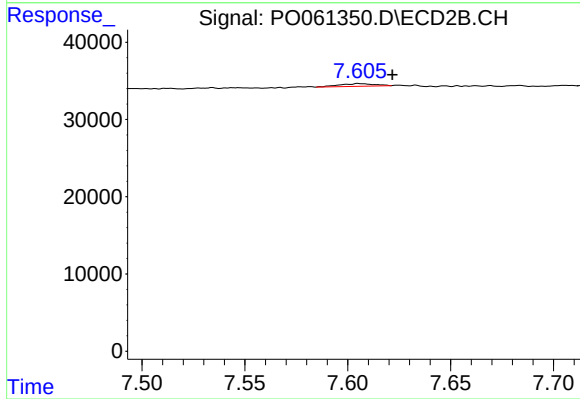
R.T.: 7.403 min
Delta R.T.: -0.014 min
Response: 39739
Conc: 7.46 ng/ml



#43 AR-1268-3

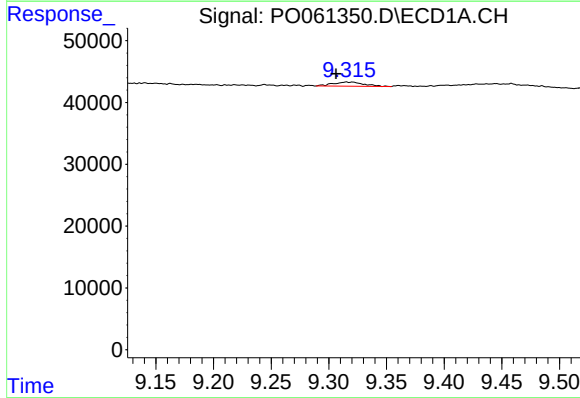
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



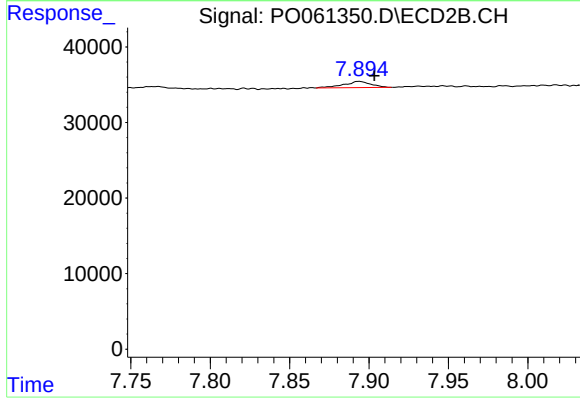
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.017 min
Response: 4058
Conc: 0.92 ng/ml



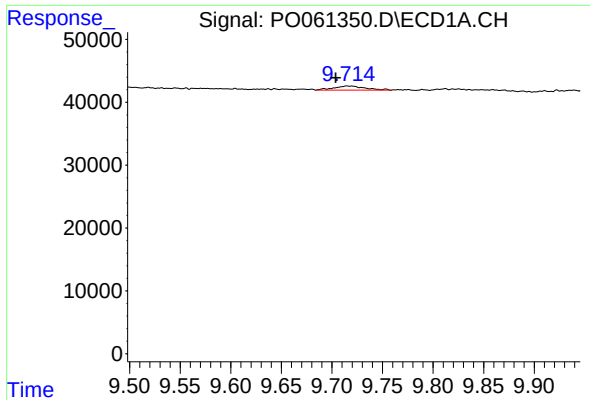
#44 AR-1268-4

R.T.: 9.315 min
Delta R.T.: 0.009 min
Response: 12376
Conc: 5.37 ng/ml



#44 AR-1268-4

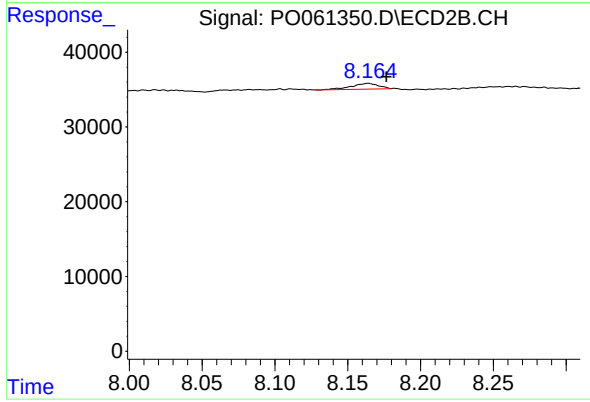
R.T.: 7.894 min
Delta R.T.: -0.010 min
Response: 9892
Conc: 5.18 ng/ml



#45 AR-1268-5

R.T.: 9.715 min
Delta R.T.: 0.011 min
Response: 14160
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
BU-02-092419



#45 AR-1268-5

R.T.: 8.164 min
Delta R.T.: -0.012 min
Response: 9830
Conc: 0.82 ng/ml