

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060321\
 Data File : P0078412.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2021 17:17
 Operator : DD\AJ
 Sample : M2583-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 54-57S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 04:51:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 2021
 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...	4.336	3.618	15570	338621	0.211	11.207 #
2)	SA Decachlor...	9.947	8.801f	476144	344315	9.631	11.841
Target Compounds							
3)	L1 AR-1016-1	5.659f	4.864	161007	18996	66.096	17.398 #
4)	L1 AR-1016-2	5.659	4.864	161007	18996	45.159	12.219 #
5)	L1 AR-1016-3	5.727	0.000	225903	0	101.945	N.D. #
6)	L1 AR-1016-4	5.834	5.106	364844	18934	209.018	26.617 #
7)	L1 AR-1016-5	6.136	0.000	75536	0	43.664	N.D. #
8)	L2 AR-1221-1	4.583	3.888	1597168	467587	1940.505	1224.014 #
9)	L2 AR-1221-2	4.686	0.000	990519	0	1611.746	N.D. #
10)	L2 AR-1221-3	4.787	0.000	45656	0	22.892	N.D. #
11)	L3 AR-1232-1	4.787	0.000	45656	0	29.848	N.D. #
12)	L3 AR-1232-2	5.379f	4.864	107001	18996	135.740	28.555 #
13)	L3 AR-1232-3	5.659	0.000	161007	0	110.888	N.D. #
14)	L3 AR-1232-4	5.834	5.145	364844	29614	508.074	93.481 #
16)	L4 AR-1242-1	5.659f	4.864	161007	18996	87.641	22.116 #
17)	L4 AR-1242-2	5.659	4.864	161007	18996	59.602	15.700 #
18)	L4 AR-1242-3	5.727	0.000	225903	0	129.790	N.D. #
19)	L4 AR-1242-4	5.834	5.145	364844	29614	260.973	43.804 #
20)	L4 AR-1242-5	6.598	5.702	368299	8666	275.234	10.568 #
21)	L5 AR-1248-1	5.659f	4.864	161007	18996	112.995	29.477 #
22)	L5 AR-1248-2	0.000	5.106	0	18934	N.D.	19.806 #
23)	L5 AR-1248-3	6.136	5.145	75536	29614	34.055	30.808
24)	L5 AR-1248-4	6.554	0.000	176015	0	75.619	N.D. #
25)	L5 AR-1248-5	6.598	5.746	368299	31144	162.779	29.722 #
26)	L6 AR-1254-1	6.531	5.702	121417	8666	48.919	5.025 #
27)	L6 AR-1254-2	6.754	5.856	179896	96918	46.359	60.462 #
28)	L6 AR-1254-3	7.133	6.272	237428	43143	60.517	18.076 #
29)	L6 AR-1254-4	7.428	6.511	177273	24187	65.277	16.659 #
30)	L6 AR-1254-5	7.833f	6.930	104091	48339	35.593	21.267 #
31)	L7 AR-1260-1	7.291	6.426	189909	30778	67.673	19.209 #
32)	L7 AR-1260-2	7.561	6.601	202576	7136	60.217	3.696 #
33)	L7 AR-1260-3	7.925	6.758	52265	42048	21.420	22.919
34)	L7 AR-1260-4	8.147	7.236	60139	19385	22.451	12.860 #
35)	L7 AR-1260-5	0.000	7.475	0	30556	N.D.	8.762 #
36)	L8 AR-1262-1	7.925	6.930	52265	48339	14.589	41.196 #
37)	L8 AR-1262-2	0.000	7.475f	0	30556	N.D.	7.833 #
38)	L8 AR-1262-3	0.000	7.790f	0	117624	N.D.	73.090 #
39)	L8 AR-1262-4	8.809	7.813f	14722	103809	4.721	34.617 #
41)	L9 AR-1268-1	0.000	7.757f	0	56686	N.D.	12.382 #
42)	L9 AR-1268-2	8.809	7.813f	14722	103809	2.275	25.090 #
43)	L9 AR-1268-3	0.000	8.034	0	14017	N.D.	3.957 #

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Integration File signal 1: autoint1.e
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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
45) L9	AR-1268-5	9.716f	0.000	26248	0	1.501	N.D. #

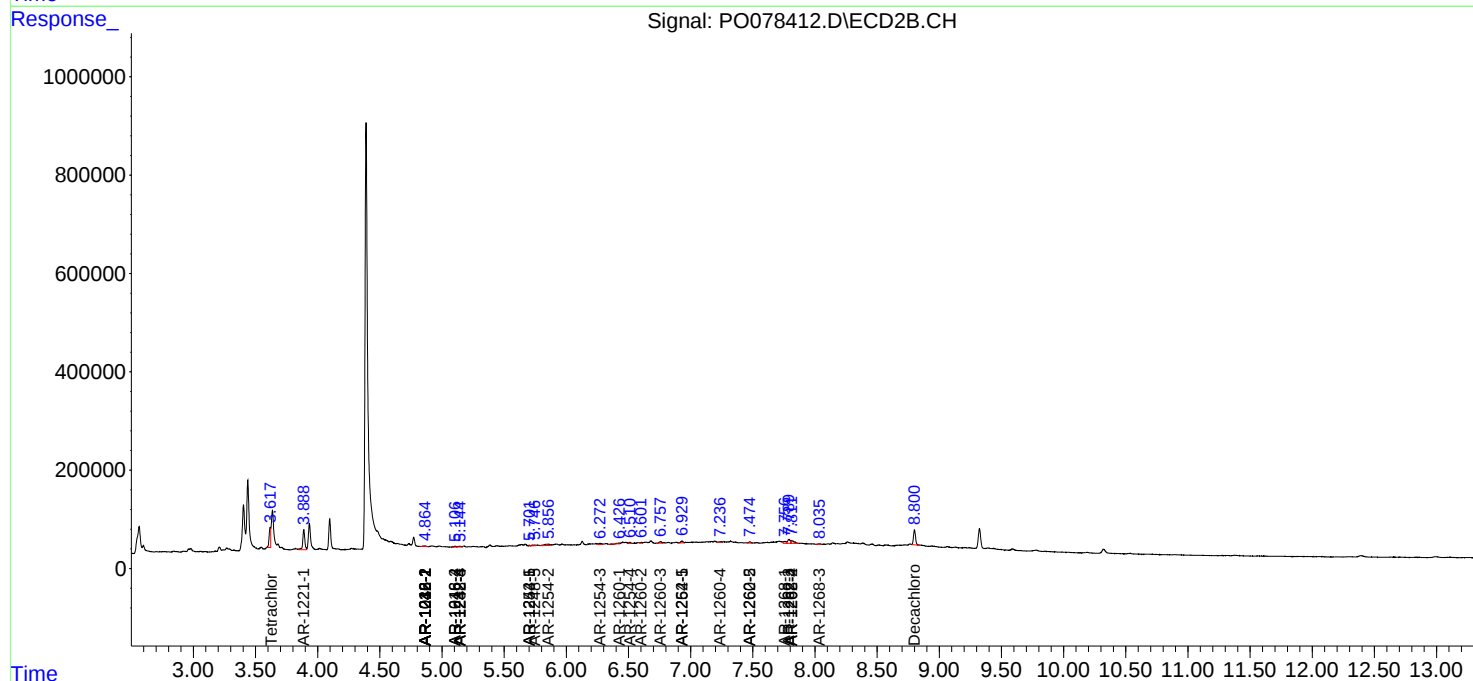
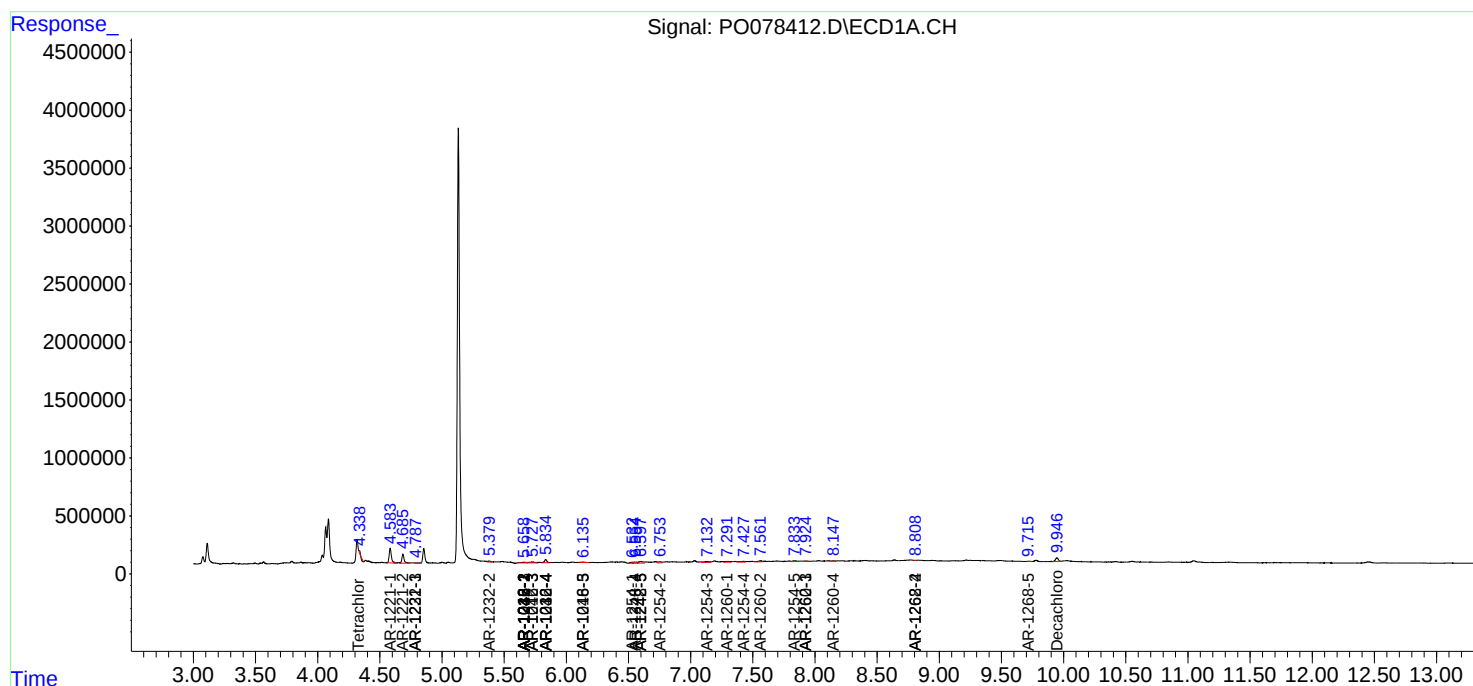
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

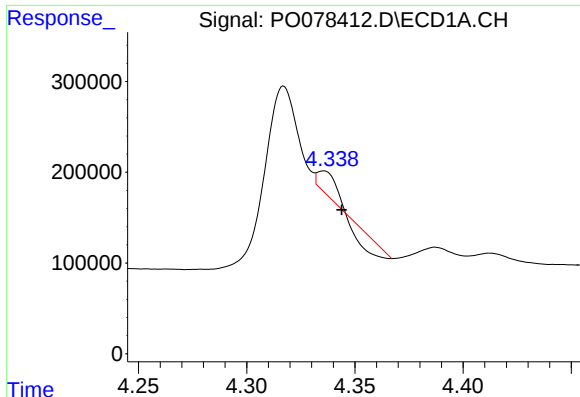
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Instrument :
ECD_O
ClientSampled :
54-57S

Integration File signal 1: autoint1.e
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

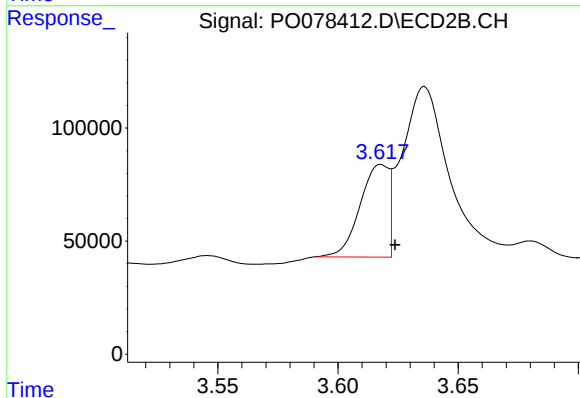




#1 Tetrachloro-m-xylene

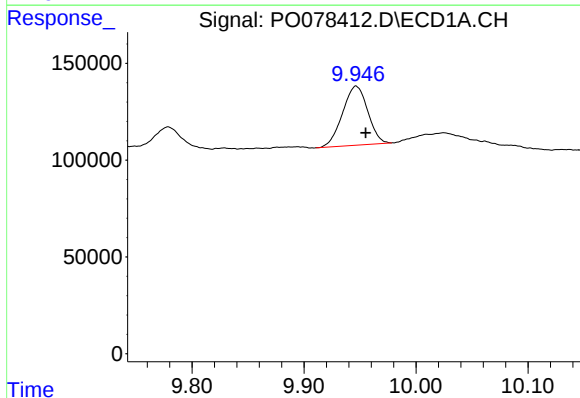
R.T.: 4.336 min
Delta R.T.: -0.008 min
Response: 15570
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



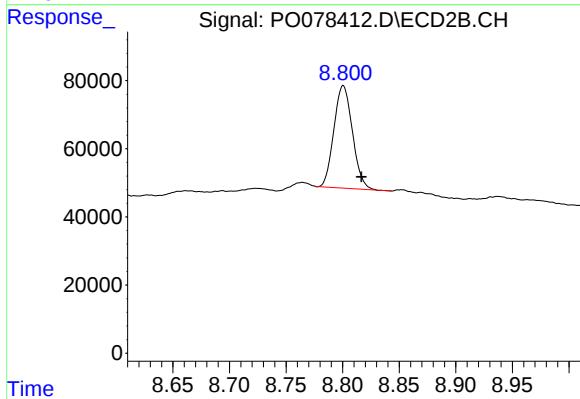
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.006 min
Response: 338621
Conc: 11.21 ng/ml



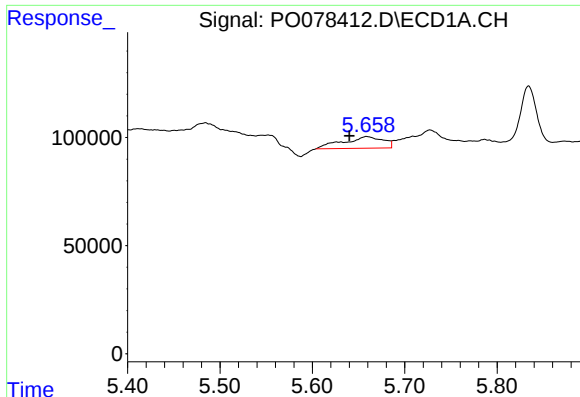
#2 Decachlorobiphenyl

R.T.: 9.947 min
Delta R.T.: -0.009 min
Response: 476144
Conc: 9.63 ng/ml



#2 Decachlorobiphenyl

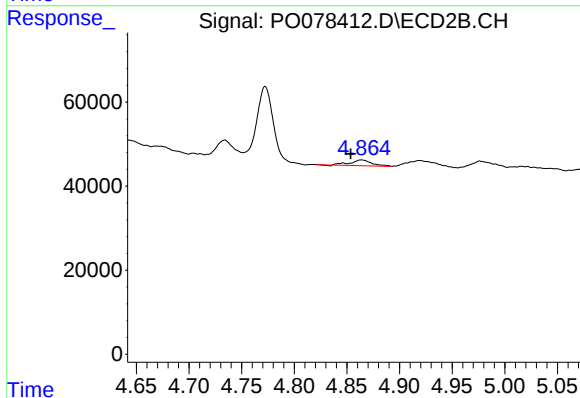
R.T.: 8.801 min
Delta R.T.: -0.016 min
Response: 344315
Conc: 11.84 ng/ml



#3 AR-1016-1

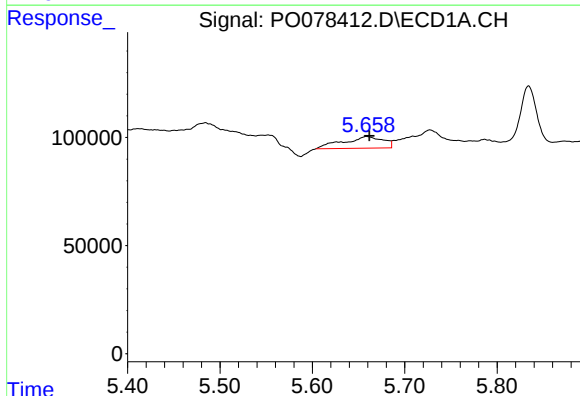
R.T.: 5.659 min
Delta R.T.: 0.019 min
Response: 161007
Conc: 66.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



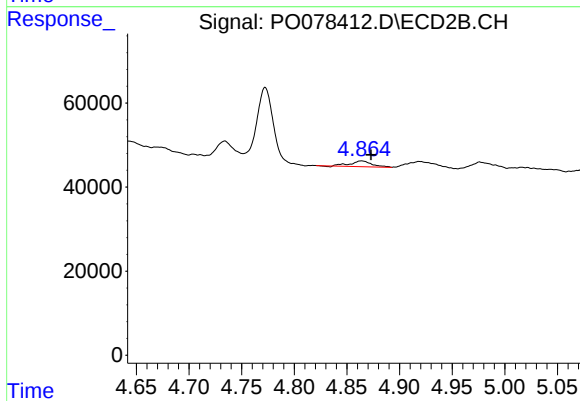
#3 AR-1016-1

R.T.: 4.864 min
Delta R.T.: 0.010 min
Response: 18996
Conc: 17.40 ng/ml



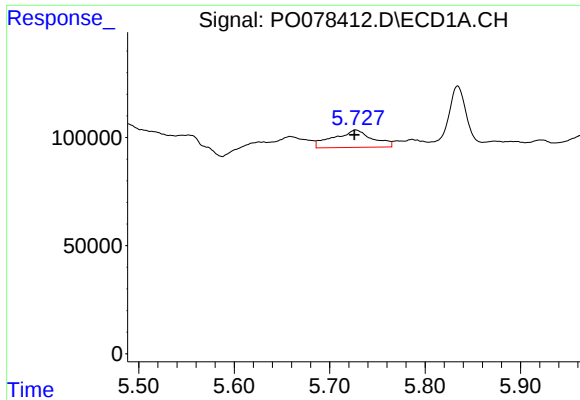
#4 AR-1016-2

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 161007
Conc: 45.16 ng/ml



#4 AR-1016-2

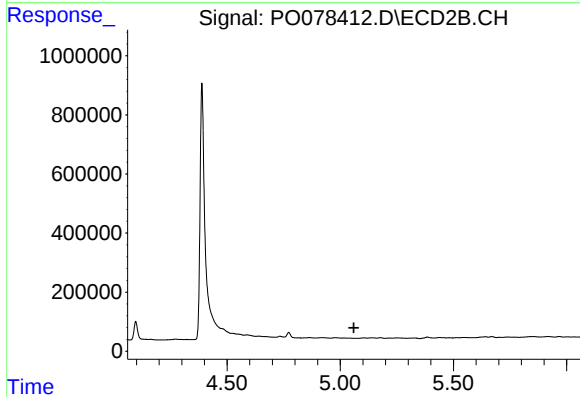
R.T.: 4.864 min
Delta R.T.: -0.009 min
Response: 18996
Conc: 12.22 ng/ml



#5 AR-1016-3

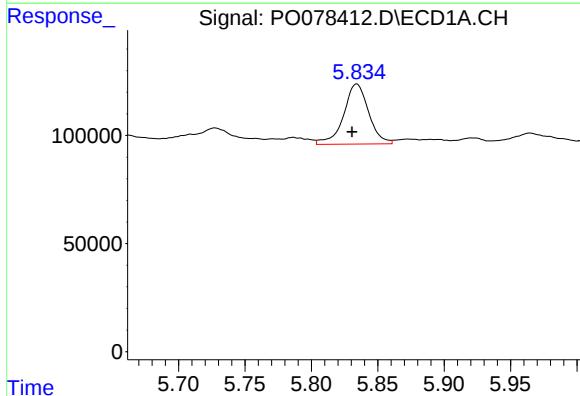
R.T.: 5.727 min
Delta R.T.: 0.002 min
Response: 225903
Conc: 101.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



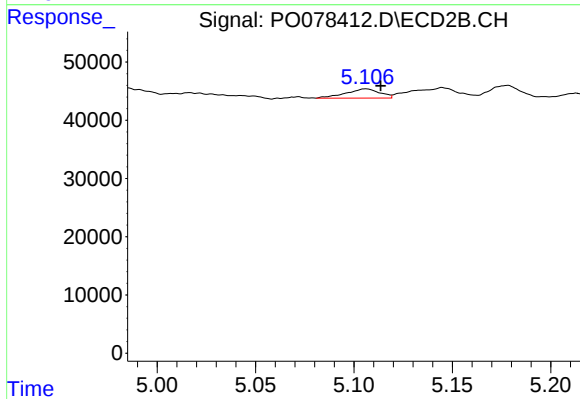
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.060 min
Response: 0
Conc: N.D.



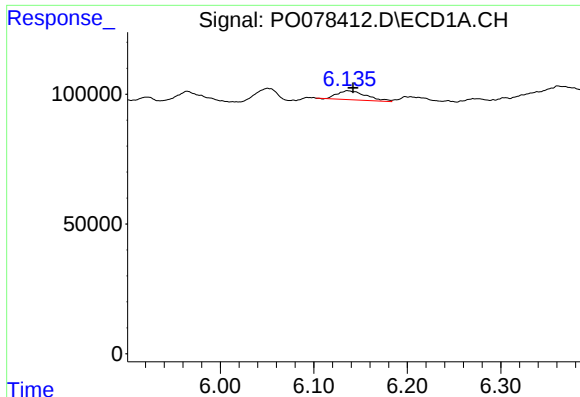
#6 AR-1016-4

R.T.: 5.834 min
Delta R.T.: 0.004 min
Response: 364844
Conc: 209.02 ng/ml



#6 AR-1016-4

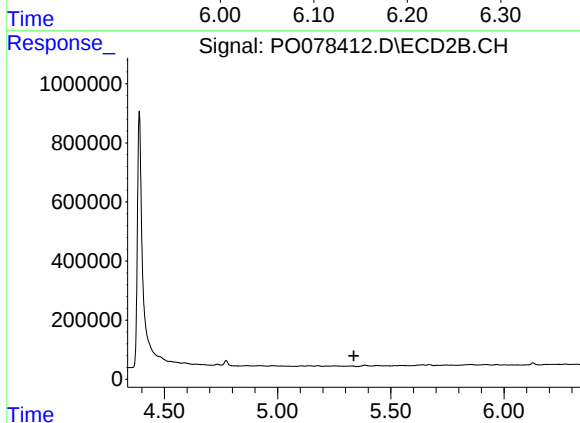
R.T.: 5.106 min
Delta R.T.: -0.007 min
Response: 18934
Conc: 26.62 ng/ml



#7 AR-1016-5

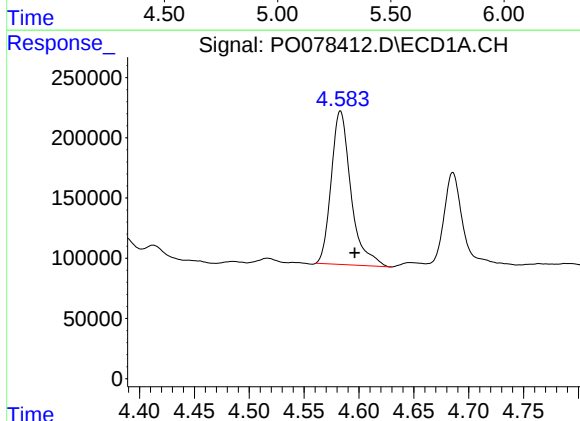
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 75536
Conc: 43.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



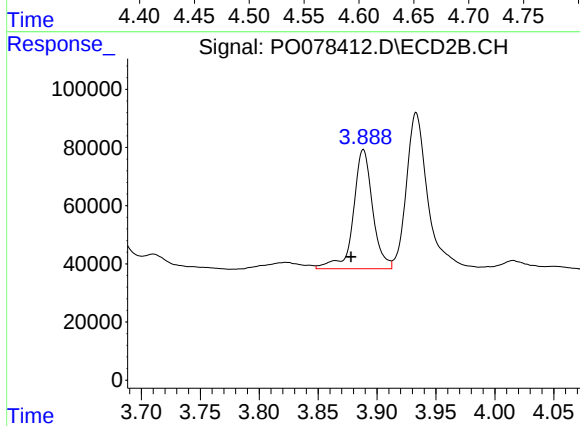
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.337 min
Response: 0
Conc: N.D.



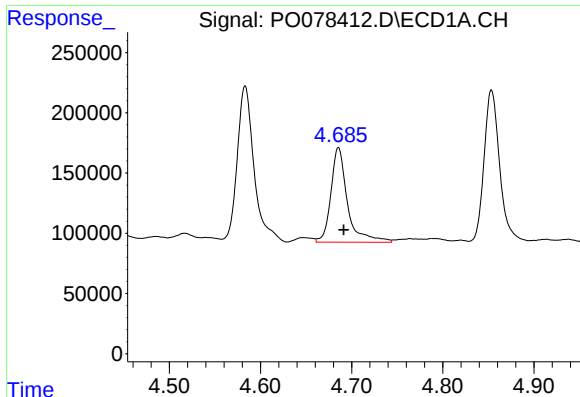
#8 AR-1221-1

R.T.: 4.583 min
Delta R.T.: -0.013 min
Response: 1597168
Conc: 1940.50 ng/ml



#8 AR-1221-1

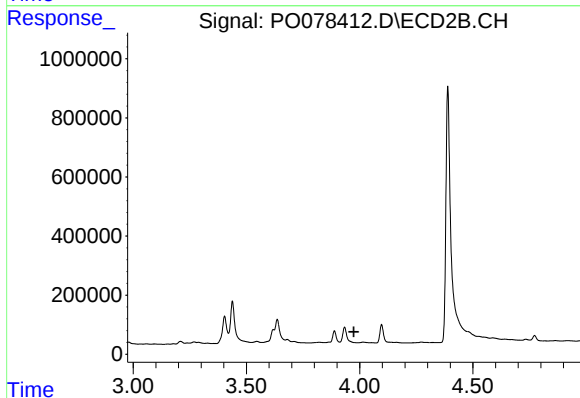
R.T.: 3.888 min
Delta R.T.: 0.010 min
Response: 467587
Conc: 1224.01 ng/ml



#9 AR-1221-2

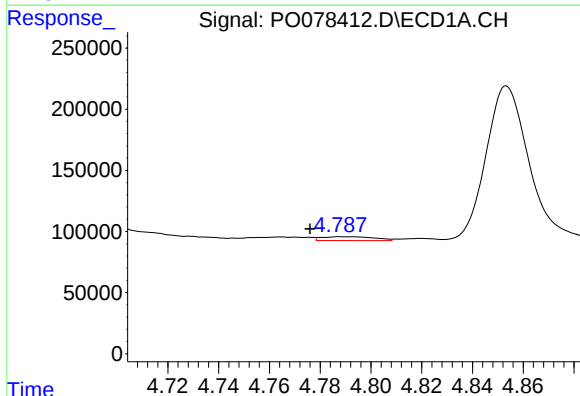
R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 990519
Conc: 1611.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



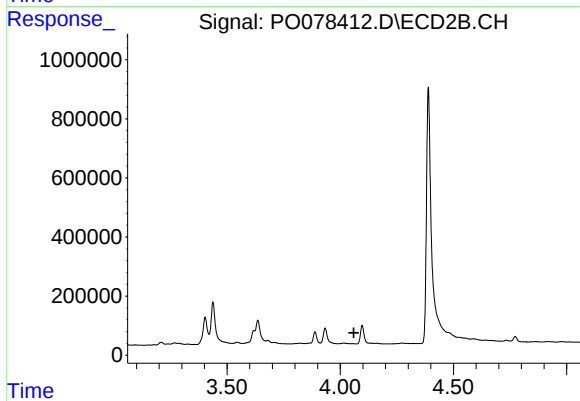
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.975 min
Response: 0
Conc: N.D.



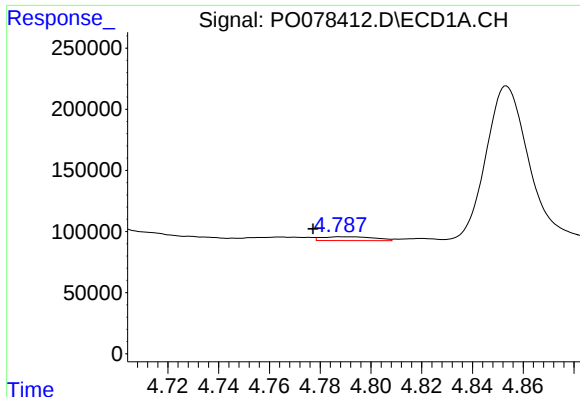
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.011 min
Response: 45656
Conc: 22.89 ng/ml



#10 AR-1221-3

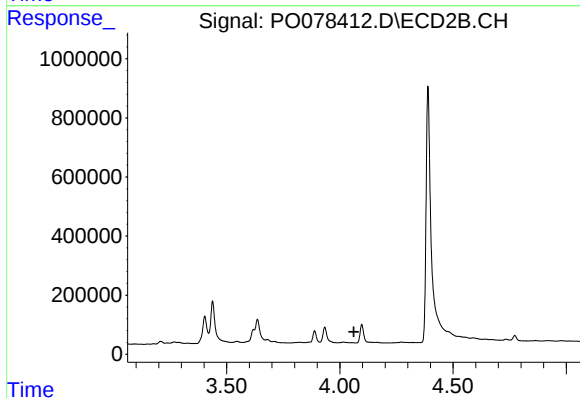
R.T.: 0.000 min
Exp R.T. : 4.061 min
Response: 0
Conc: N.D.



#11 AR-1232-1

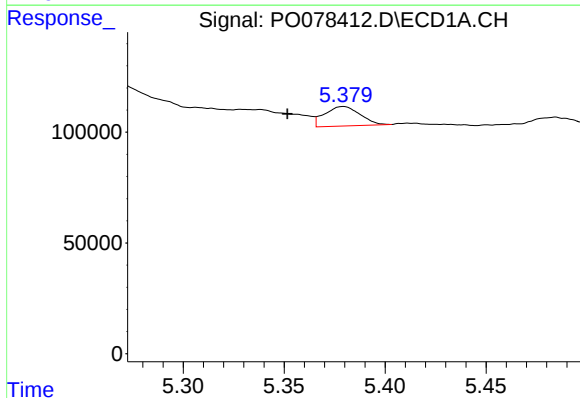
R.T.: 4.787 min
Delta R.T.: 0.010 min
Response: 45656
Conc: 29.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



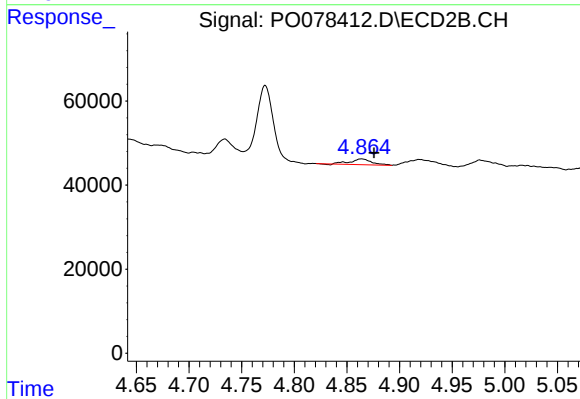
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.062 min
Response: 0
Conc: N.D.



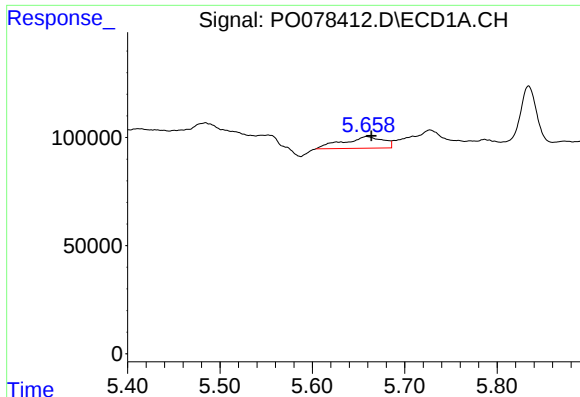
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: 0.028 min
Response: 107001
Conc: 135.74 ng/ml



#12 AR-1232-2

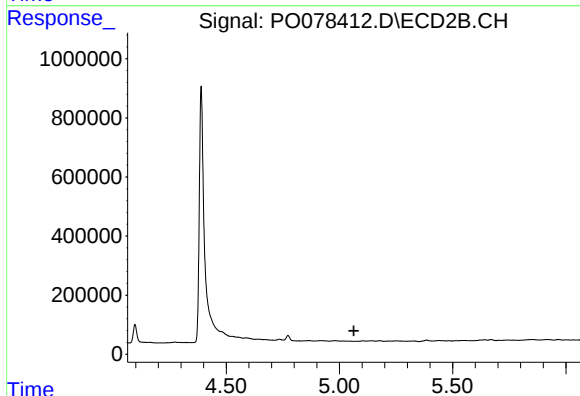
R.T.: 4.864 min
Delta R.T.: -0.012 min
Response: 18996
Conc: 28.55 ng/ml



#13 AR-1232-3

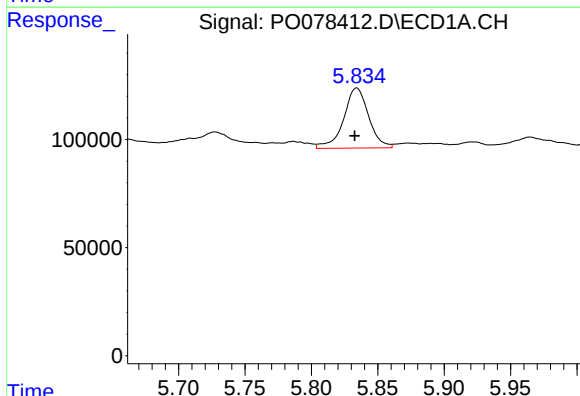
R.T.: 5.659 min
Delta R.T.: -0.005 min
Response: 161007
Conc: 110.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
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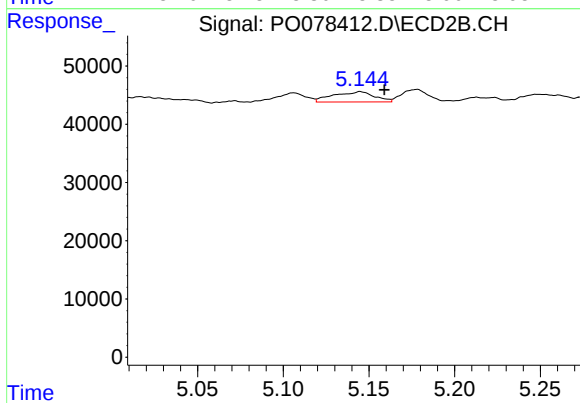
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



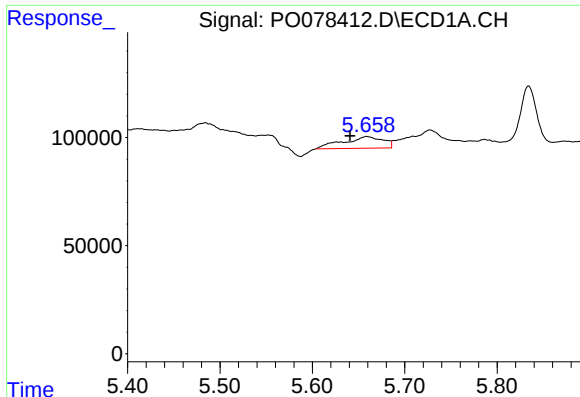
#14 AR-1232-4

R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 364844
Conc: 508.07 ng/ml



#14 AR-1232-4

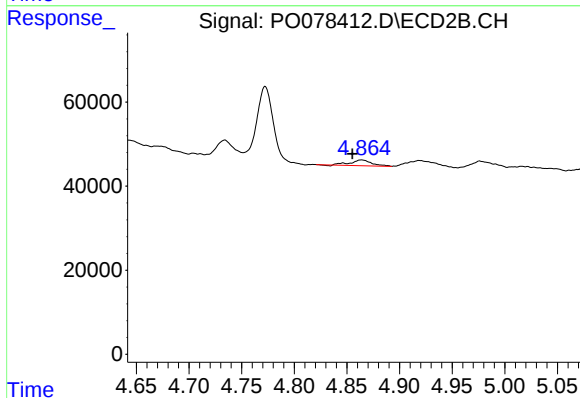
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 29614
Conc: 93.48 ng/ml



#16 AR-1242-1

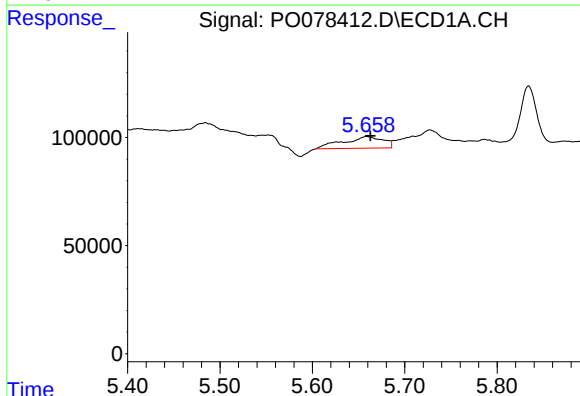
R.T.: 5.659 min
Delta R.T.: 0.018 min
Response: 161007
Conc: 87.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
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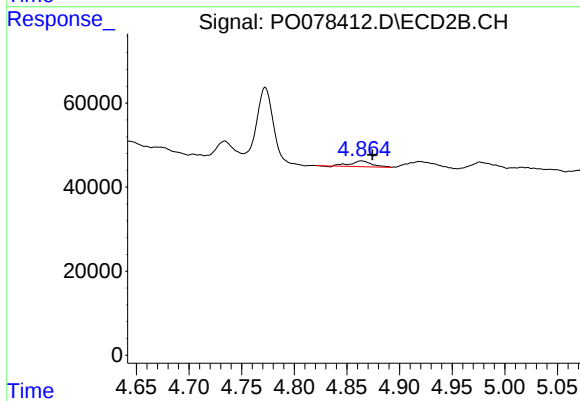
#16 AR-1242-1

R.T.: 4.864 min
Delta R.T.: 0.009 min
Response: 18996
Conc: 22.12 ng/ml



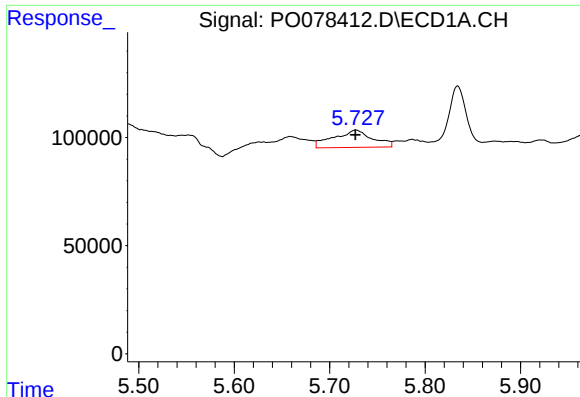
#17 AR-1242-2

R.T.: 5.659 min
Delta R.T.: -0.004 min
Response: 161007
Conc: 59.60 ng/ml



#17 AR-1242-2

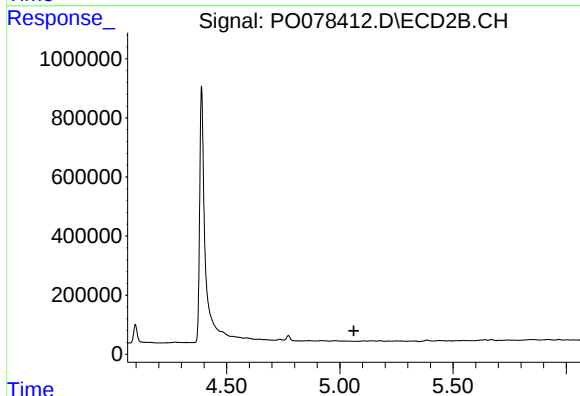
R.T.: 4.864 min
Delta R.T.: -0.010 min
Response: 18996
Conc: 15.70 ng/ml



#18 AR-1242-3

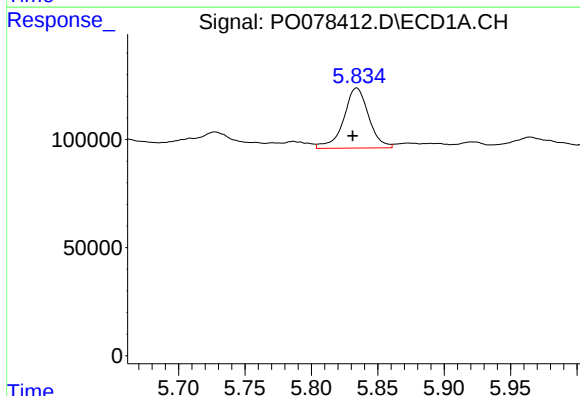
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 225903
Conc: 129.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



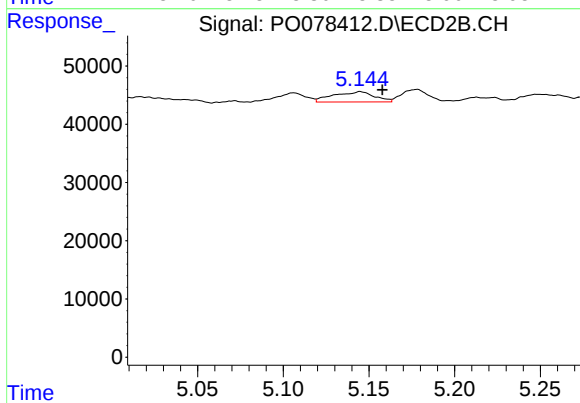
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.062 min
Response: 0
Conc: N.D.



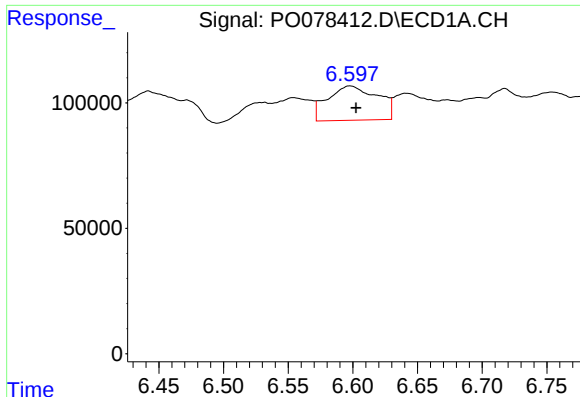
#19 AR-1242-4

R.T.: 5.834 min
Delta R.T.: 0.003 min
Response: 364844
Conc: 260.97 ng/ml



#19 AR-1242-4

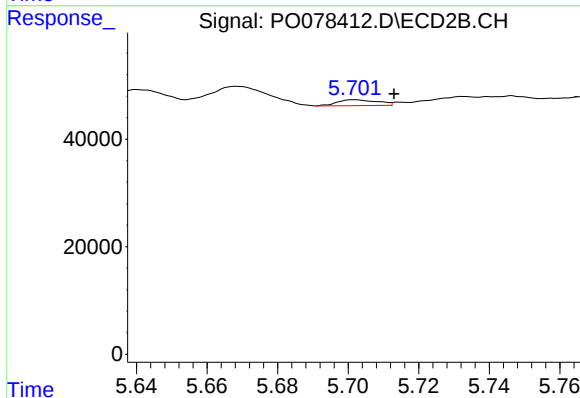
R.T.: 5.145 min
Delta R.T.: -0.013 min
Response: 29614
Conc: 43.80 ng/ml



#20 AR-1242-5

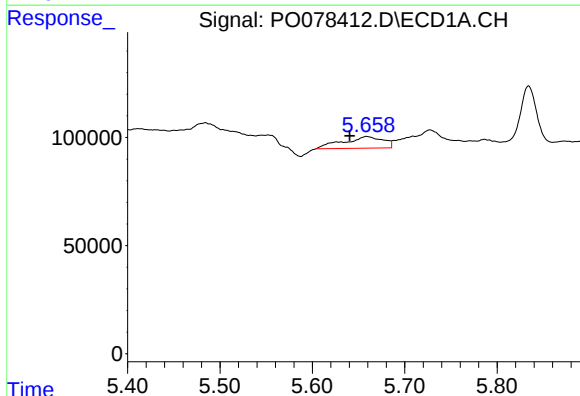
R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 368299
Conc: 275.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



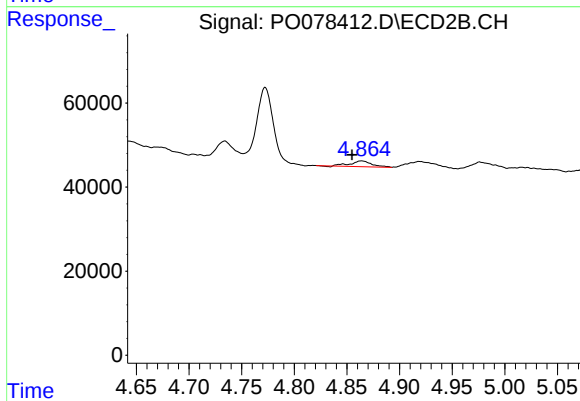
#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: -0.011 min
Response: 8666
Conc: 10.57 ng/ml



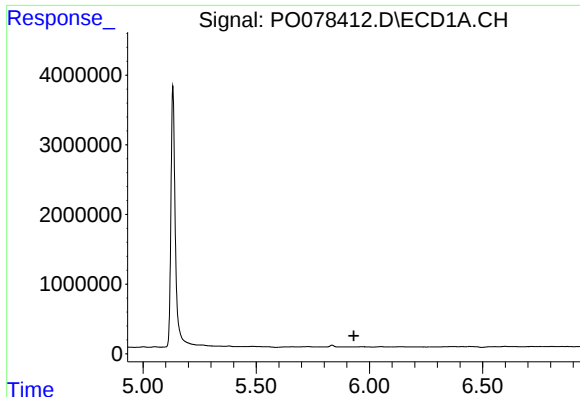
#21 AR-1248-1

R.T.: 5.659 min
Delta R.T.: 0.018 min
Response: 161007
Conc: 113.00 ng/ml



#21 AR-1248-1

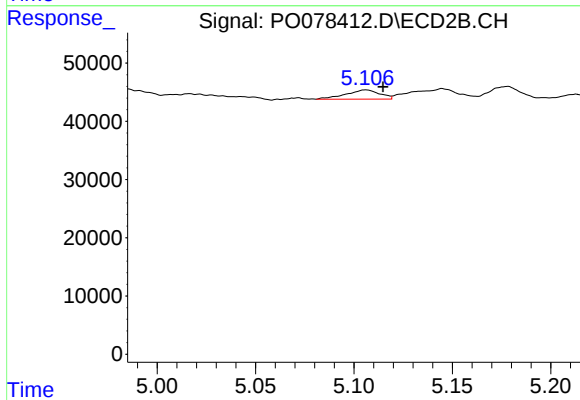
R.T.: 4.864 min
Delta R.T.: 0.009 min
Response: 18996
Conc: 29.48 ng/ml



#22 AR-1248-2

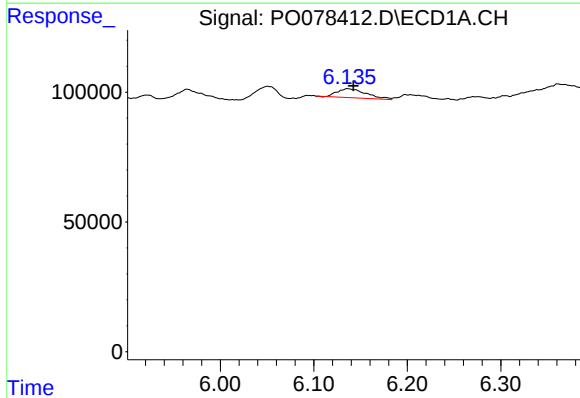
R.T.: 0.000 min
Exp R.T.: 5.931 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
54-57S



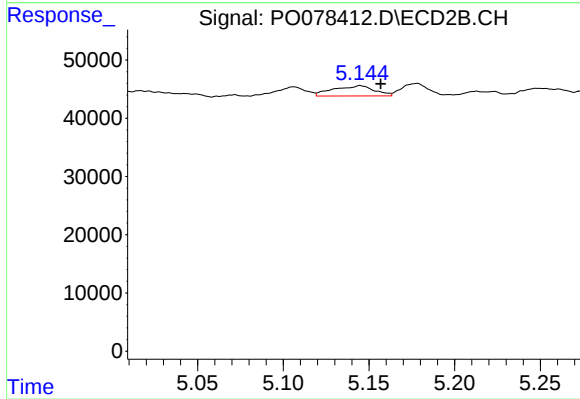
#22 AR-1248-2

R.T.: 5.106 min
Delta R.T.: -0.009 min
Response: 18934
Conc: 19.81 ng/ml



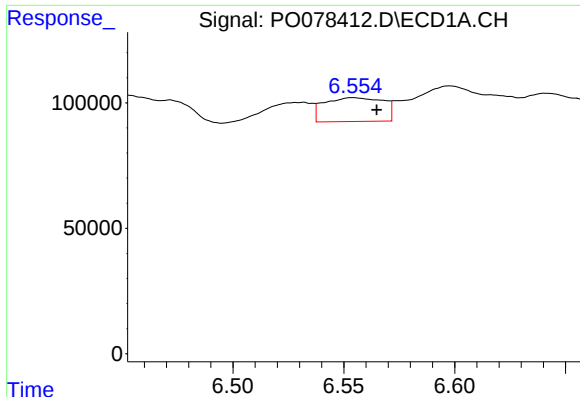
#23 AR-1248-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 75536
Conc: 34.06 ng/ml



#23 AR-1248-3

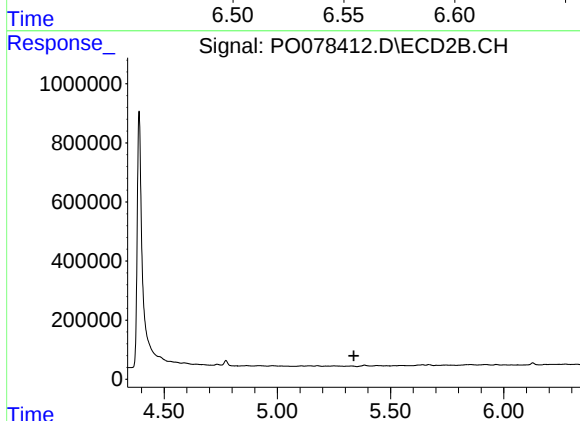
R.T.: 5.145 min
Delta R.T.: -0.012 min
Response: 29614
Conc: 30.81 ng/ml



#24 AR-1248-4

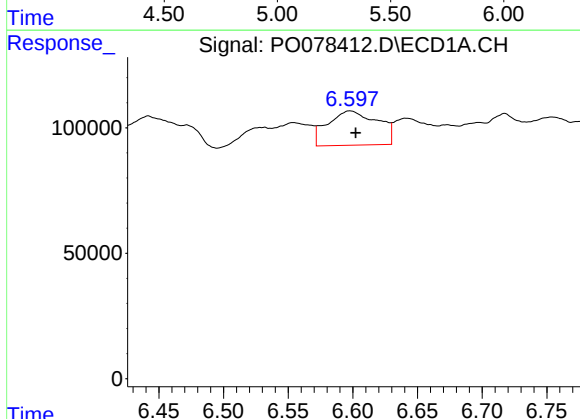
R.T.: 6.554 min
Delta R.T.: -0.011 min
Response: 176015
Conc: 75.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



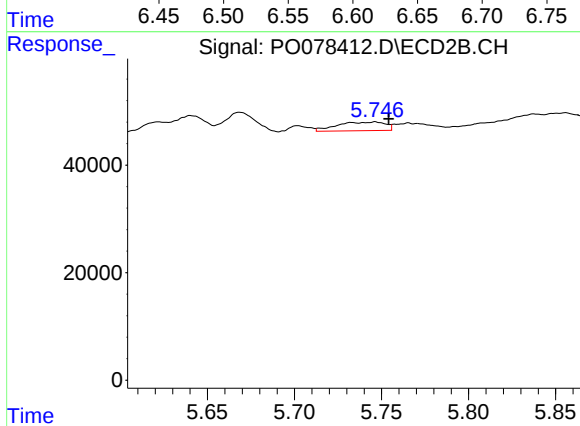
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.338 min
Response: 0
Conc: N.D.



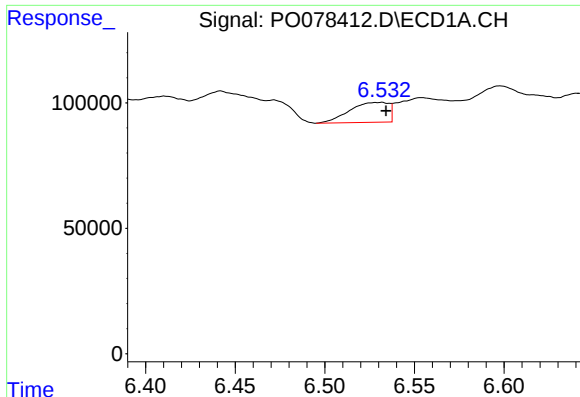
#25 AR-1248-5

R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 368299
Conc: 162.78 ng/ml



#25 AR-1248-5

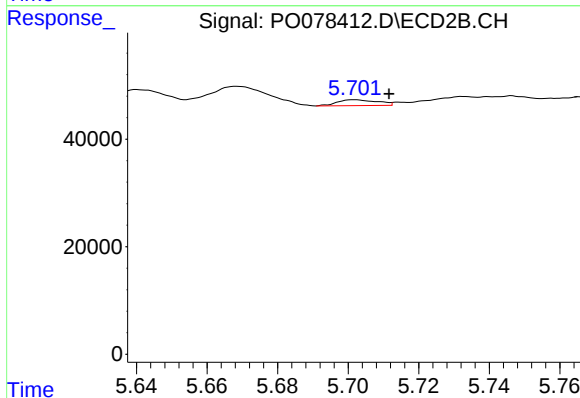
R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 31144
Conc: 29.72 ng/ml



#26 AR-1254-1

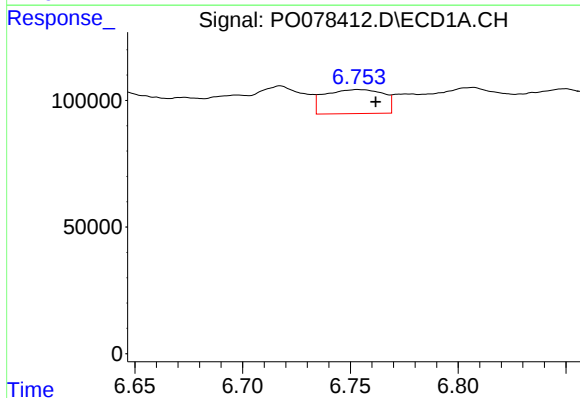
R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 121417
Conc: 48.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



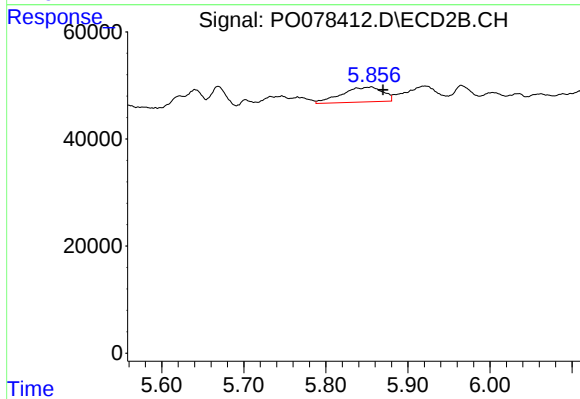
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 8666
Conc: 5.02 ng/ml



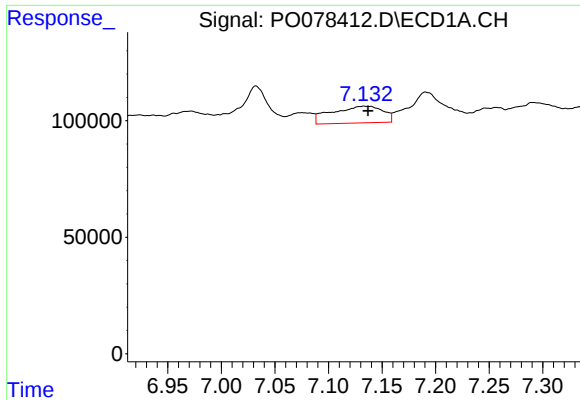
#27 AR-1254-2

R.T.: 6.754 min
Delta R.T.: -0.008 min
Response: 179896
Conc: 46.36 ng/ml



#27 AR-1254-2

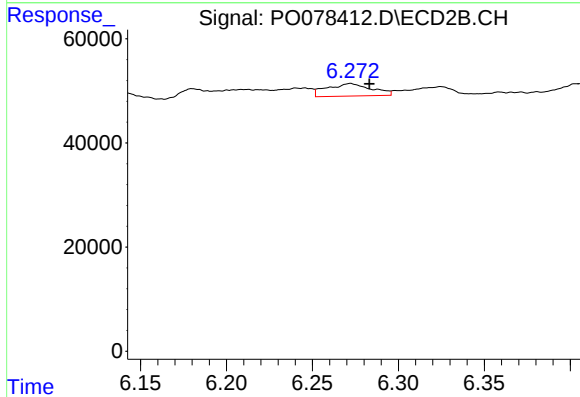
R.T.: 5.856 min
Delta R.T.: -0.014 min
Response: 96918
Conc: 60.46 ng/ml



#28 AR-1254-3

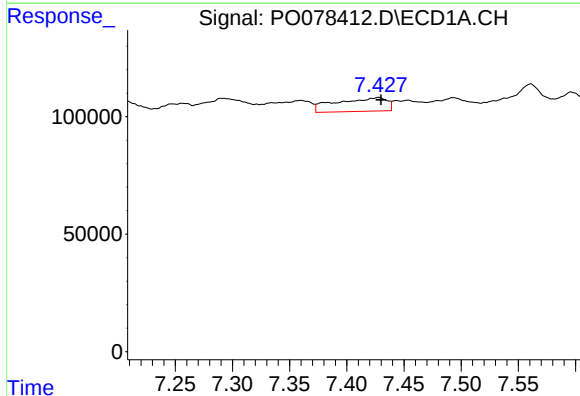
R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 237428
Conc: 60.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



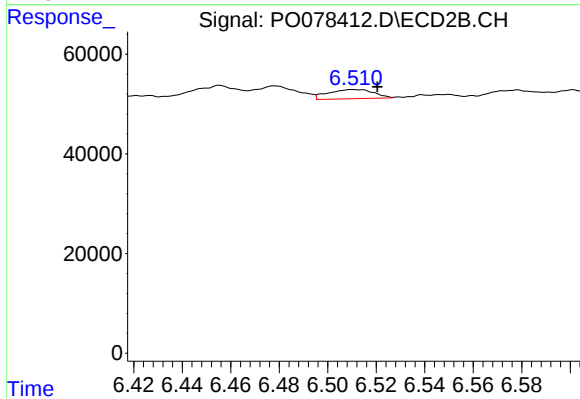
#28 AR-1254-3

R.T.: 6.272 min
Delta R.T.: -0.011 min
Response: 43143
Conc: 18.08 ng/ml



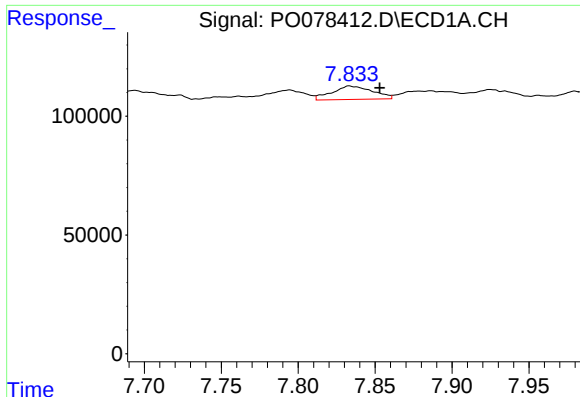
#29 AR-1254-4

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 177273
Conc: 65.28 ng/ml



#29 AR-1254-4

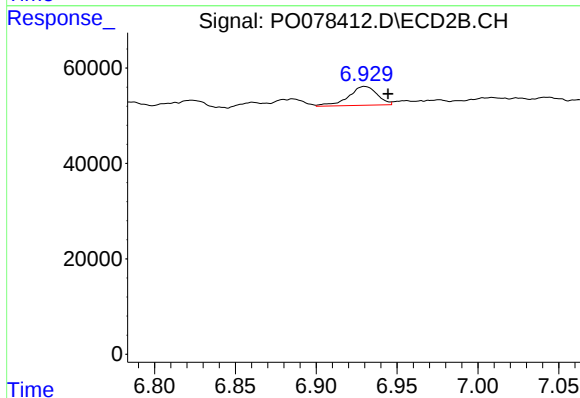
R.T.: 6.511 min
Delta R.T.: -0.010 min
Response: 24187
Conc: 16.66 ng/ml



#30 AR-1254-5

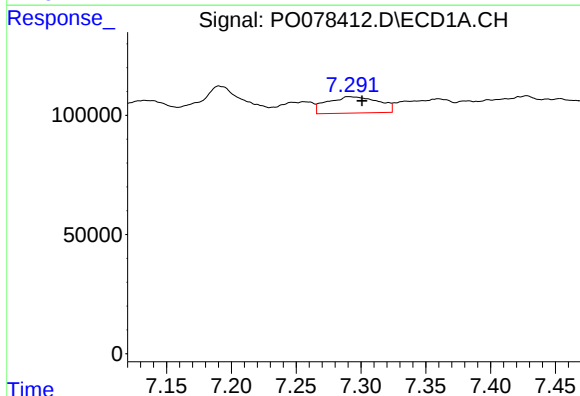
R.T.: 7.833 min
Delta R.T.: -0.020 min
Response: 104091
Conc: 35.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



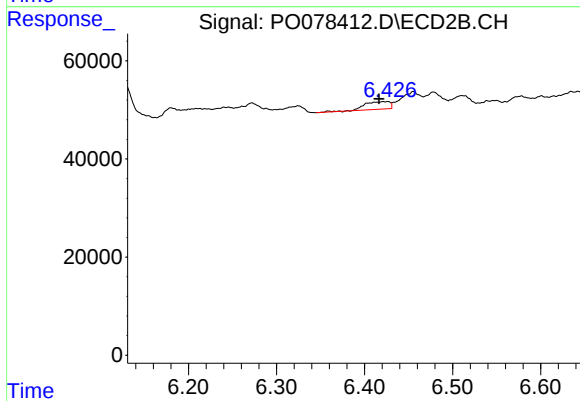
#30 AR-1254-5

R.T.: 6.930 min
Delta R.T.: -0.014 min
Response: 48339
Conc: 21.27 ng/ml



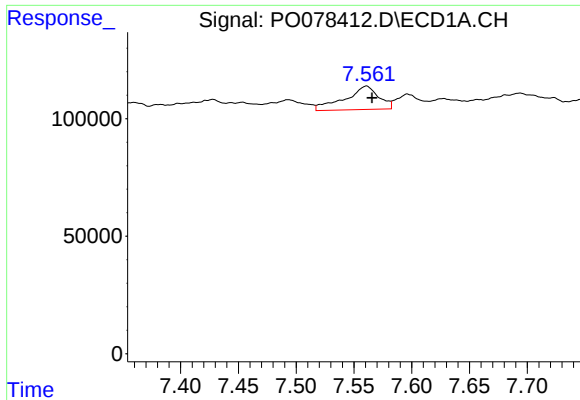
#31 AR-1260-1

R.T.: 7.291 min
Delta R.T.: -0.010 min
Response: 189909
Conc: 67.67 ng/ml



#31 AR-1260-1

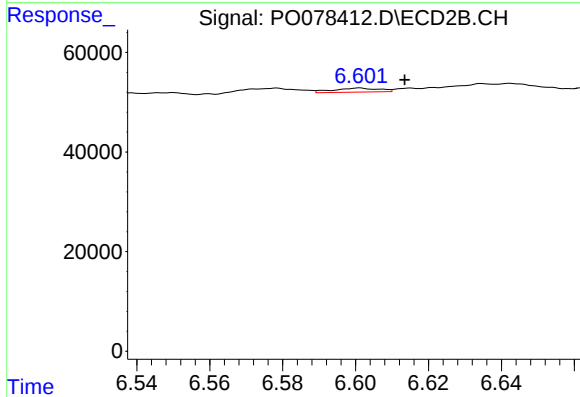
R.T.: 6.426 min
Delta R.T.: 0.010 min
Response: 30778
Conc: 19.21 ng/ml



#32 AR-1260-2

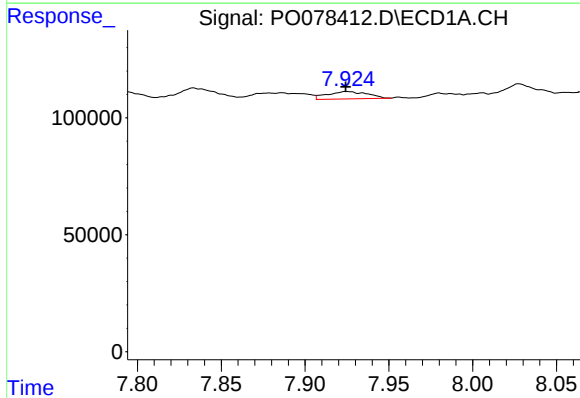
R.T.: 7.561 min
Delta R.T.: -0.005 min
Response: 202576
Conc: 60.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



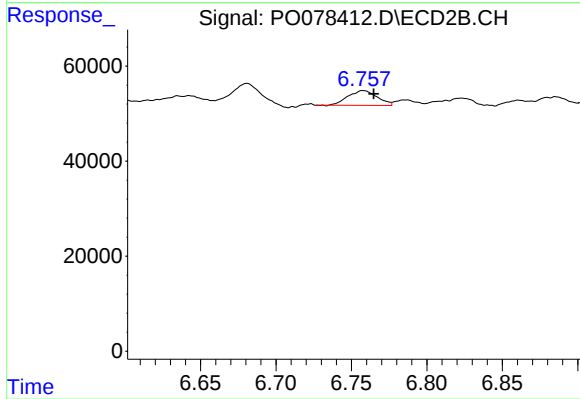
#32 AR-1260-2

R.T.: 6.601 min
Delta R.T.: -0.012 min
Response: 7136
Conc: 3.70 ng/ml



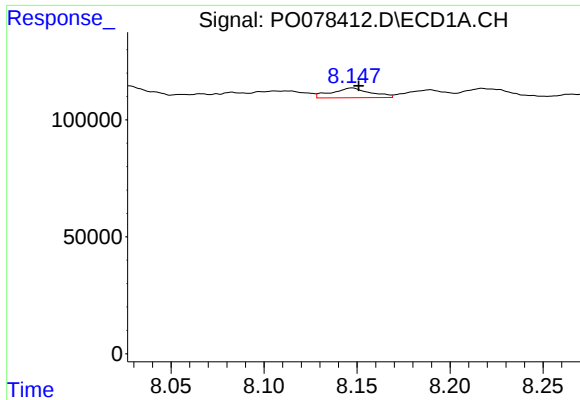
#33 AR-1260-3

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 52265
Conc: 21.42 ng/ml



#33 AR-1260-3

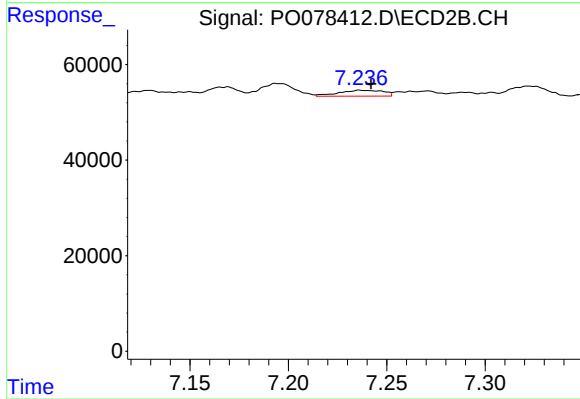
R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 42048
Conc: 22.92 ng/ml



#34 AR-1260-4

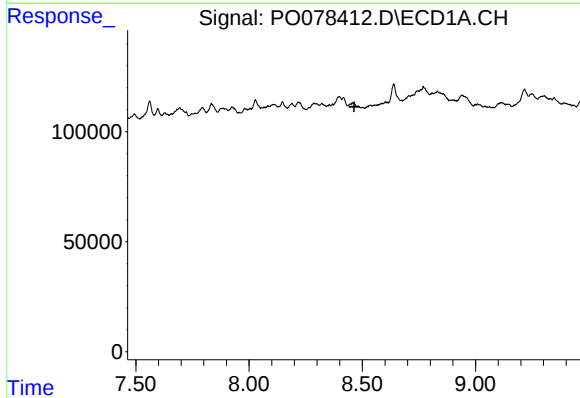
R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 60139
Conc: 22.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



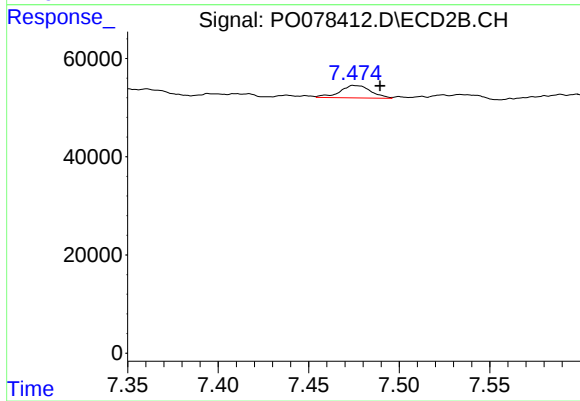
#34 AR-1260-4

R.T.: 7.236 min
Delta R.T.: -0.006 min
Response: 19385
Conc: 12.86 ng/ml



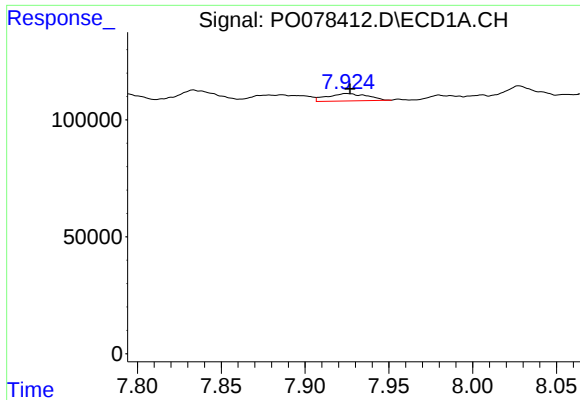
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.463 min
Response: 0
Conc: N.D.



#35 AR-1260-5

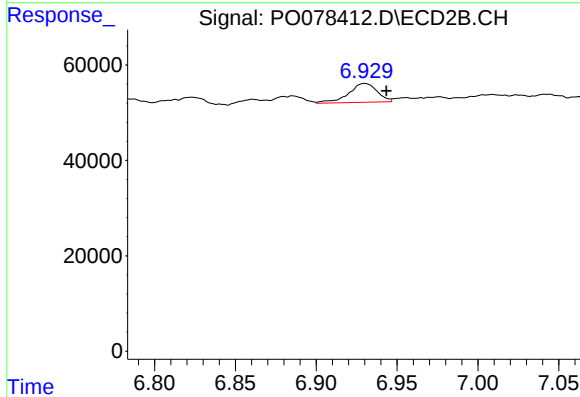
R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 30556
Conc: 8.76 ng/ml



#36 AR-1262-1

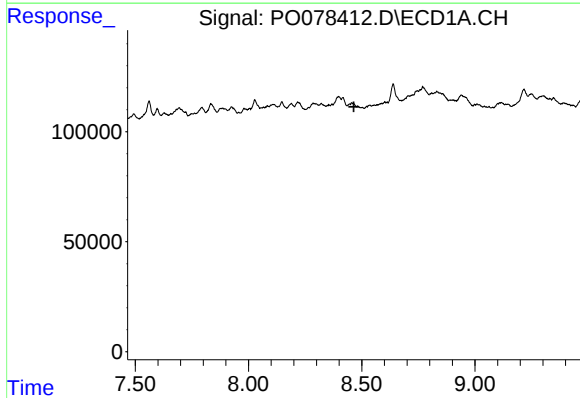
R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 52265
Conc: 14.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
54-57S



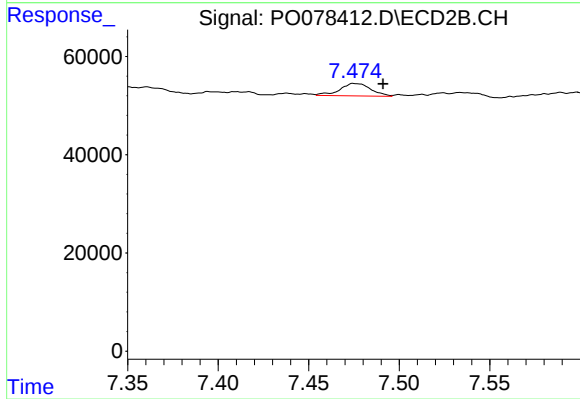
#36 AR-1262-1

R.T.: 6.930 min
Delta R.T.: -0.013 min
Response: 48339
Conc: 41.20 ng/ml



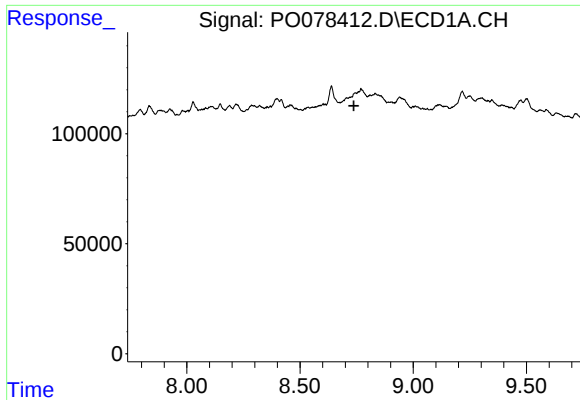
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.466 min
Response: 0
Conc: N.D.



#37 AR-1262-2

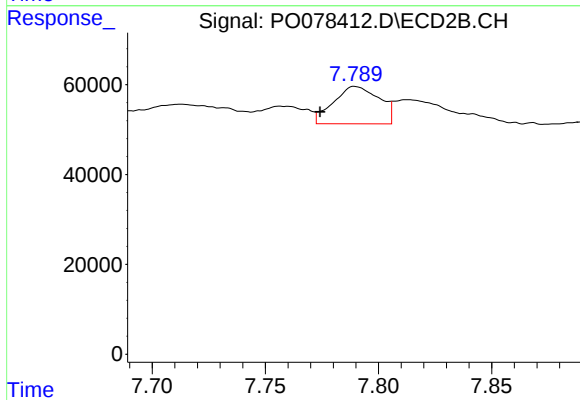
R.T.: 7.475 min
Delta R.T.: -0.016 min
Response: 30556
Conc: 7.83 ng/ml



#38 AR-1262-3

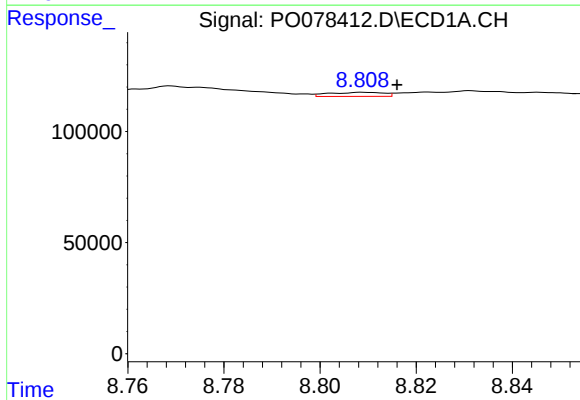
R.T.: 0.000 min
Exp R.T.: 8.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
54-57S



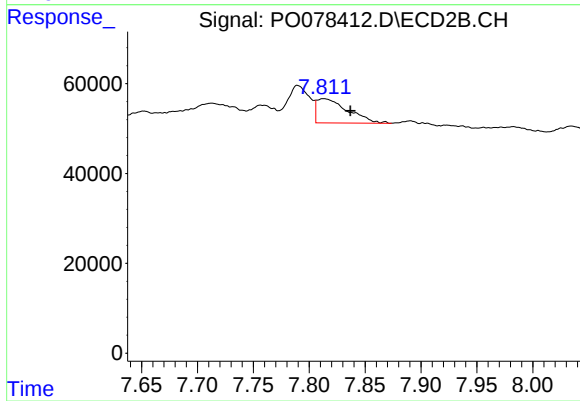
#38 AR-1262-3

R.T.: 7.790 min
Delta R.T.: 0.016 min
Response: 117624
Conc: 73.09 ng/ml



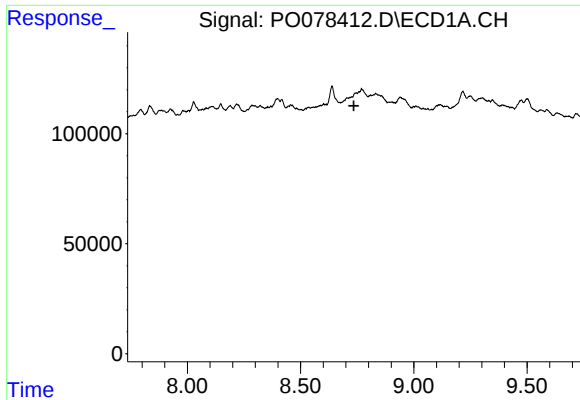
#39 AR-1262-4

R.T.: 8.809 min
Delta R.T.: -0.007 min
Response: 14722
Conc: 4.72 ng/ml



#39 AR-1262-4

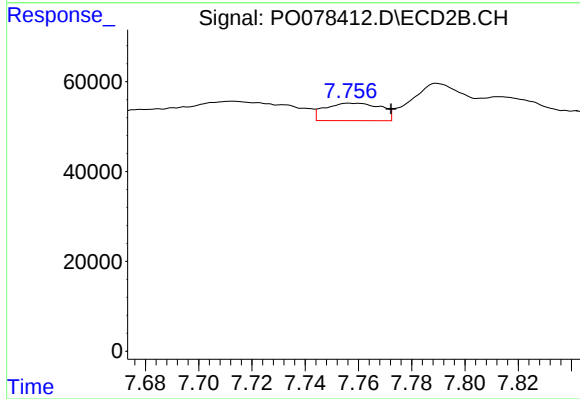
R.T.: 7.813 min
Delta R.T.: -0.024 min
Response: 103809
Conc: 34.62 ng/ml



#41 AR-1268-1

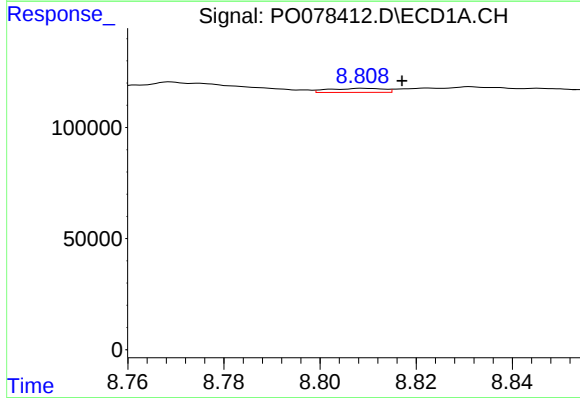
R.T.: 0.000 min
Exp R.T.: 8.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
54-57S



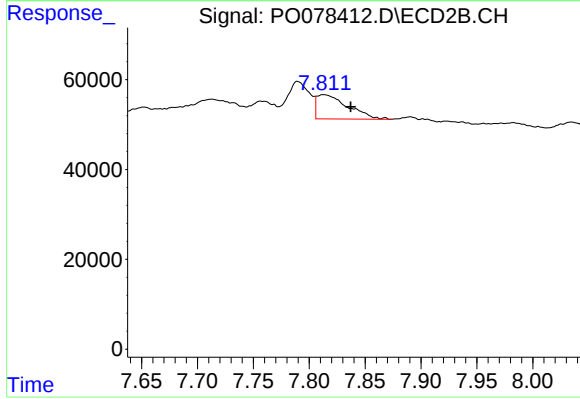
#41 AR-1268-1

R.T.: 7.757 min
Delta R.T.: -0.015 min
Response: 56686
Conc: 12.38 ng/ml



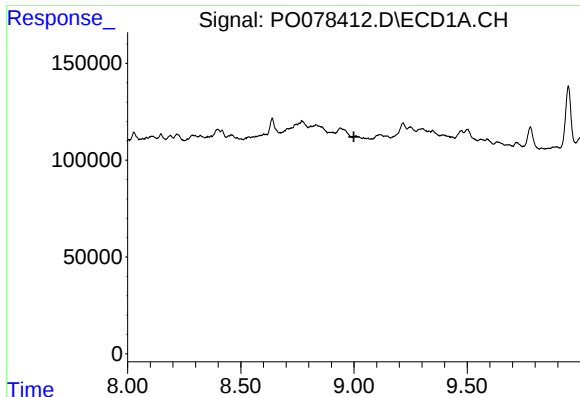
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: -0.008 min
Response: 14722
Conc: 2.28 ng/ml



#42 AR-1268-2

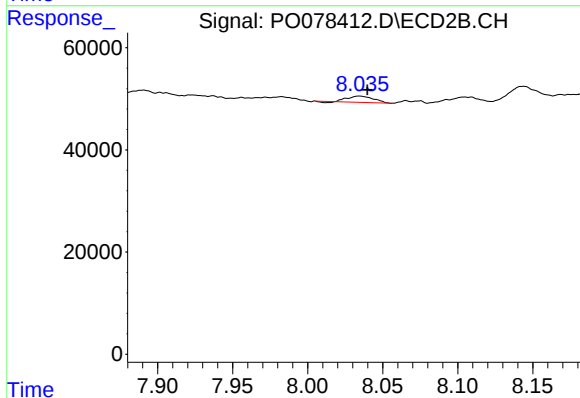
R.T.: 7.813 min
Delta R.T.: -0.024 min
Response: 103809
Conc: 25.09 ng/ml



#43 AR-1268-3

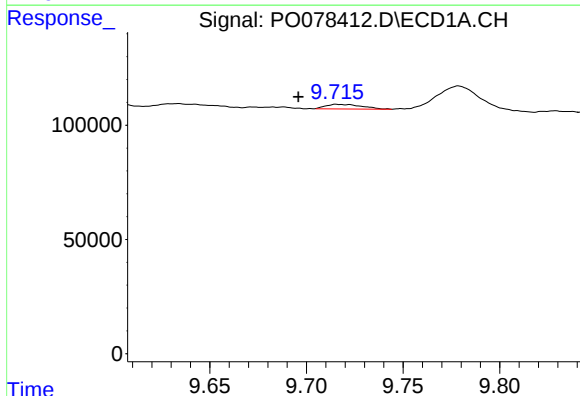
R.T.: 0.000 min
Exp R.T.: 9.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
54-57S



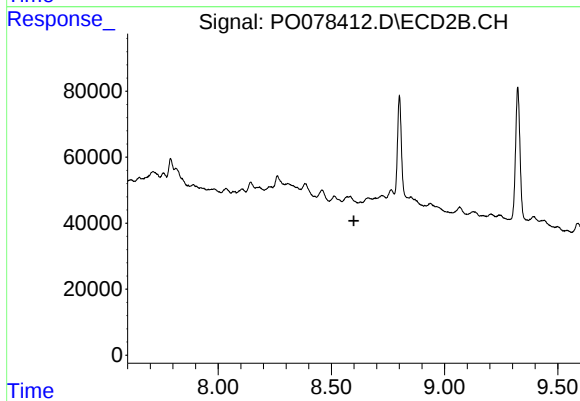
#43 AR-1268-3

R.T.: 8.034 min
Delta R.T.: -0.005 min
Response: 14017
Conc: 3.96 ng/ml



#45 AR-1268-5

R.T.: 9.716 min
Delta R.T.: 0.020 min
Response: 26248
Conc: 1.50 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.600 min
Response: 0
Conc: N.D.