

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011119\
 Data File : P0053378.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jan 2019 10:46
 Operator : SM/SJ
 Sample : K1086-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 11:07:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 03:34:05 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...	4.162	3.202	2728652	353417	2.042	1.413 #
2)	SA Decachlor...	9.612	7.842	1453680	431261	1.840	1.883
Target Compounds							
3)	L1 AR-1016-1	5.306	4.200	349855	1132933	9.590	114.910 #
4)	L1 AR-1016-2	5.333	4.200	574049	1132933	10.843	76.439 #
5)	L1 AR-1016-3	5.422	4.367	1615950	527822	50.458	65.591 #
6)	L1 AR-1016-4	5.490	4.412	1637044	617544	63.399	102.253 #
7)	L1 AR-1016-5	5.770	4.653	1779111	884498	75.349	112.419 #
8)	L2 AR-1221-1	4.397	0.000	2101287	0	140.212	N.D. #
9)	L2 AR-1221-2	4.477	3.523	433841	245753	39.531	102.142 #
10)	L2 AR-1221-3	4.531	3.523	1436882	245753	41.237	32.131
11)	L3 AR-1232-1	4.531	3.523	1436882	245753	50.434	40.252
12)	L3 AR-1232-2	5.093	4.200	692236	1132933	51.651	152.952 #
13)	L3 AR-1232-3	5.333	4.367	574049	527822	21.510	130.586 #
14)	L3 AR-1232-4	5.490	4.460	1637044	409059	127.909	120.762
15)	L3 AR-1232-5	5.574	4.653	2742052	884498	344.865	249.499 #
16)	L4 AR-1242-1	5.306	4.200	349855	1132933	10.381	132.001 #
17)	L4 AR-1242-2	5.333	4.200	574049	1132933	11.625	85.524 #
18)	L4 AR-1242-3	5.422	4.367	1615950	527822	54.548	73.581 #
19)	L4 AR-1242-4	5.490	4.460	1637044	409059	69.007	60.622
20)	L4 AR-1242-5	6.224	4.935	767665	362340	32.929	40.927
21)	L5 AR-1248-1	5.306	4.200	349855	1132933	14.190	169.581 #
22)	L5 AR-1248-2	5.574	4.412	2742052	617544	89.655	68.910
23)	L5 AR-1248-3	5.770	4.460	1779111	409059	51.953	44.256
24)	L5 AR-1248-4	6.157	4.653	1655951	884498	44.001	80.758 #
25)	L5 AR-1248-5	6.224	4.958	767665	525077	21.342	47.374 #
26)	L6 AR-1254-1	6.157	4.935	1655951	362340	39.232	18.362 #
27)	L6 AR-1254-2	6.366	5.064	801166	320224	12.515	19.512 #
28)	L6 AR-1254-3	6.748	5.445	996970	122051	15.203	4.824 #
29)	L6 AR-1254-4	7.039	5.645	682147	766571	14.162	46.715 #
30)	L6 AR-1254-5	7.410	5.993	836214	253175	18.051	12.042 #
31)	L7 AR-1260-1	6.886	0.000	1145880	0	29.315	N.D. #
32)	L7 AR-1260-2	7.124	5.734	1507418	186598	31.472	10.336 #
33)	L7 AR-1260-3	7.521	5.901	878975	163722	29.532	10.017 #
34)	L7 AR-1260-4	7.705	0.000	628713	0	18.651	N.D. #
35)	L7 AR-1260-5	8.012	6.568	356310	165739	5.216	6.440
36)	L8 AR-1262-1	7.521	0.000	878975	0	14.605	N.D. #
37)	L8 AR-1262-2	8.012	6.568	356310	165739	3.507	4.576 #
38)	L8 AR-1262-3	0.000	6.911	0	191478	N.D.	13.505 #
39)	L8 AR-1262-4	0.000	6.911	0	191478	N.D.	7.251 #
41)	L9 AR-1268-1	0.000	6.911	0	191478	N.D.	4.540 #
42)	L9 AR-1268-2	0.000	6.911	0	191478	N.D.	4.804 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011119\
Data File : P0053378.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jan 2019 10:46
Operator : SM/SJ
Sample : K1086-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

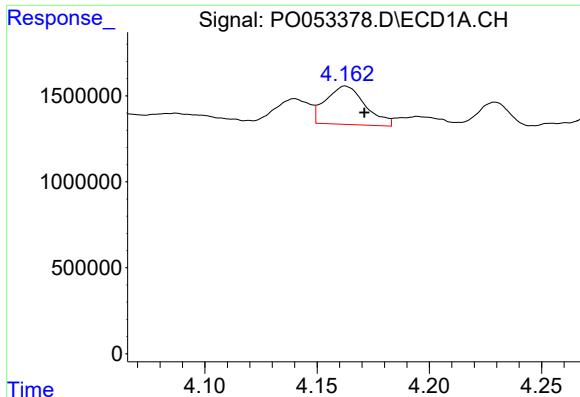
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 11 11:07:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 09 03:34:05 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

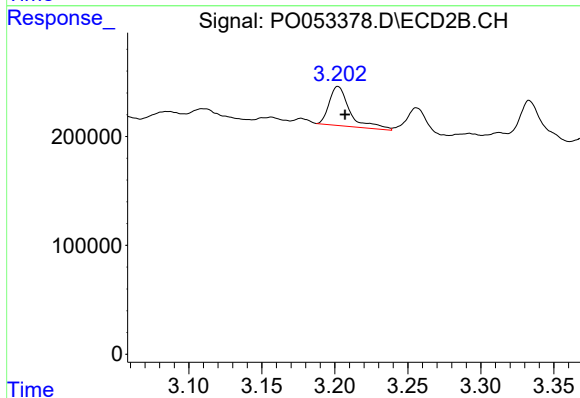
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

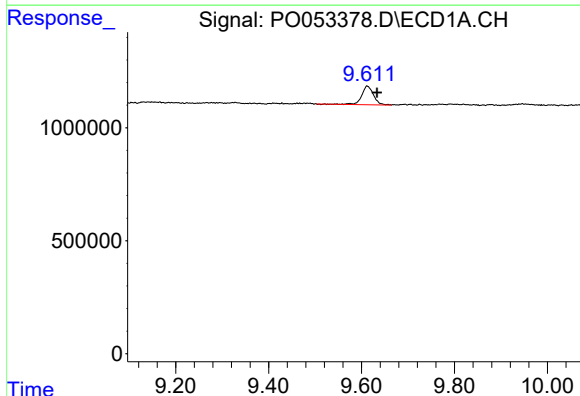
R.T.: 4.162 min
Delta R.T.: -0.009 min
Response: 2728652
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



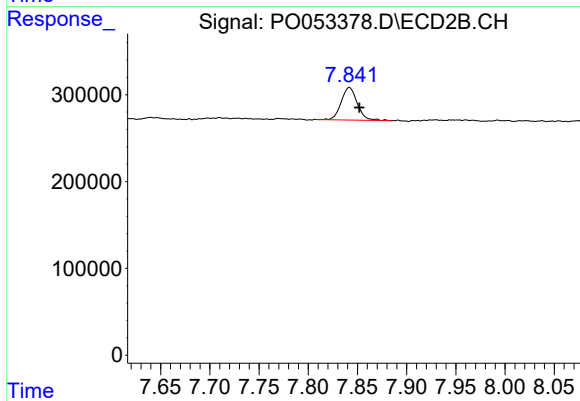
#1 Tetrachloro-m-xylene

R.T.: 3.202 min
Delta R.T.: -0.005 min
Response: 353417
Conc: 1.41 ng/ml



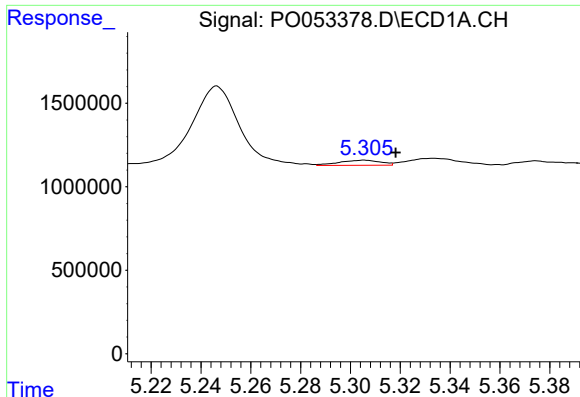
#2 Decachlorobiphenyl

R.T.: 9.612 min
Delta R.T.: -0.022 min
Response: 1453680
Conc: 1.84 ng/ml



#2 Decachlorobiphenyl

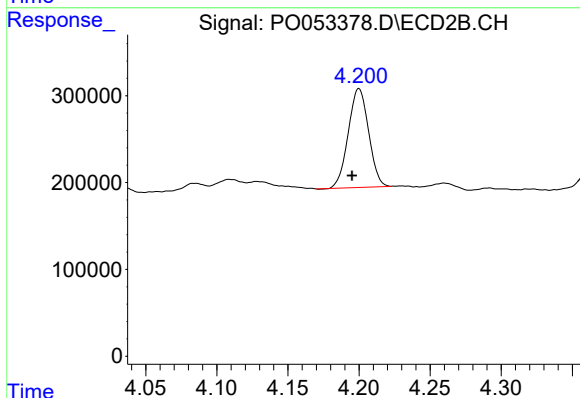
R.T.: 7.842 min
Delta R.T.: -0.010 min
Response: 431261
Conc: 1.88 ng/ml



#3 AR-1016-1

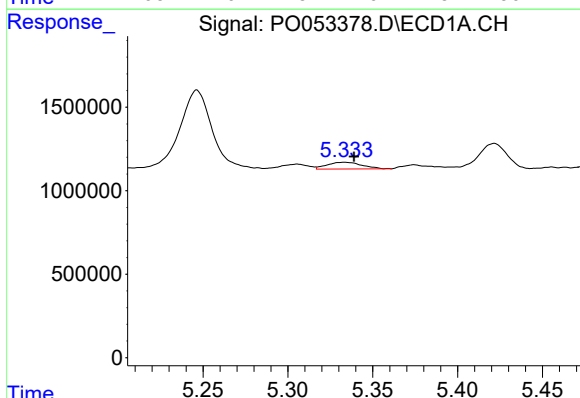
R.T.: 5.306 min
Delta R.T.: -0.013 min
Response: 349855
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



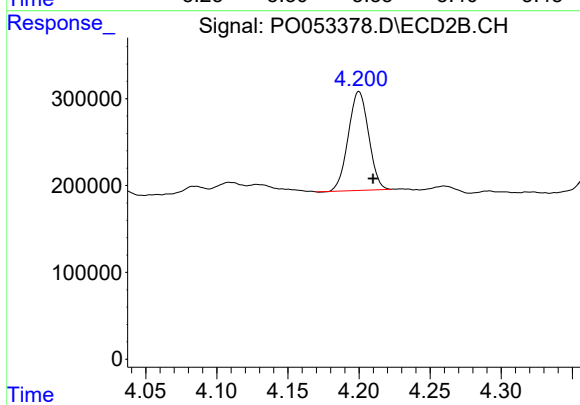
#3 AR-1016-1

R.T.: 4.200 min
Delta R.T.: 0.005 min
Response: 1132933
Conc: 114.91 ng/ml



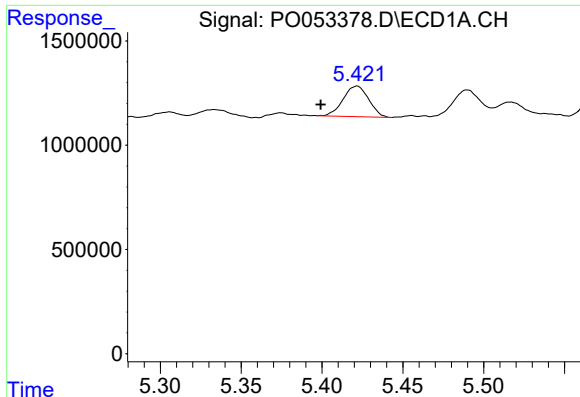
#4 AR-1016-2

R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 574049
Conc: 10.84 ng/ml



#4 AR-1016-2

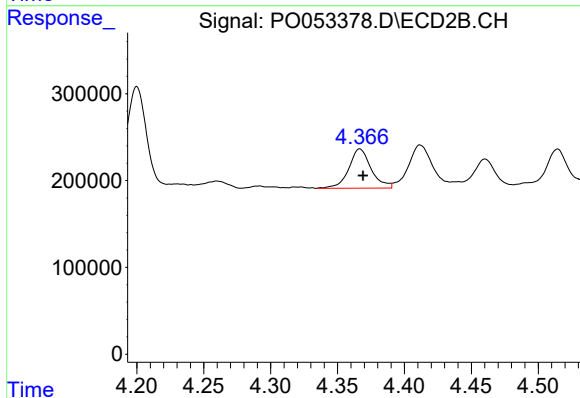
R.T.: 4.200 min
Delta R.T.: -0.010 min
Response: 1132933
Conc: 76.44 ng/ml



#5 AR-1016-3

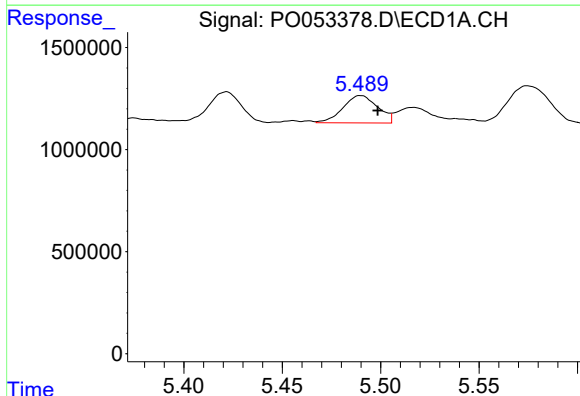
R.T.: 5.422 min
Delta R.T.: 0.023 min
Response: 1615950
Conc: 50.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



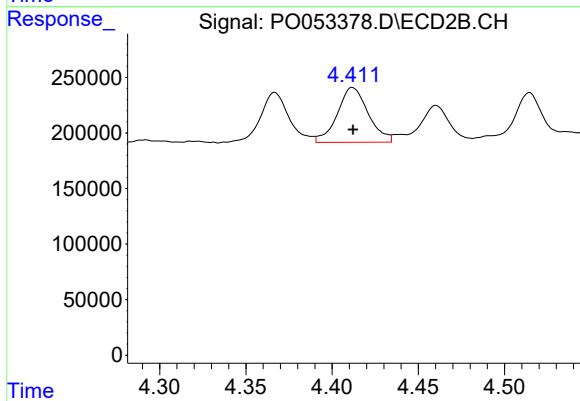
#5 AR-1016-3

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 527822
Conc: 65.59 ng/ml



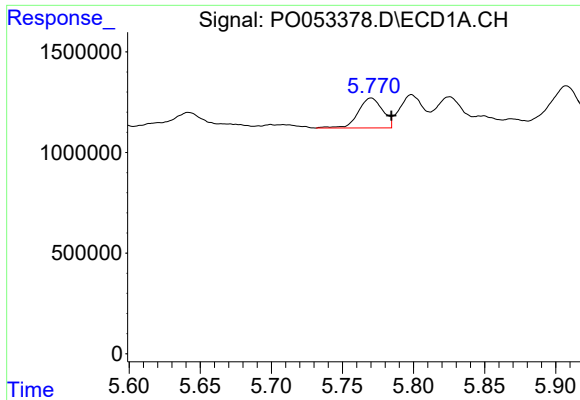
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: -0.009 min
Response: 1637044
Conc: 63.40 ng/ml



#6 AR-1016-4

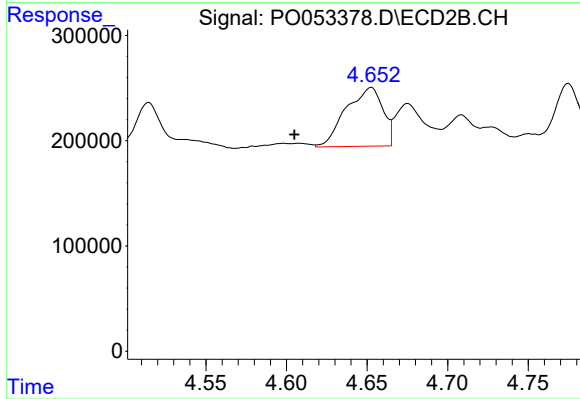
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 617544
Conc: 102.25 ng/ml



#7 AR-1016-5

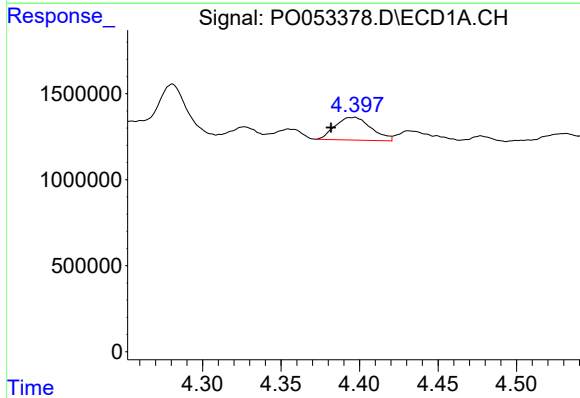
R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 1779111
Conc: 75.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



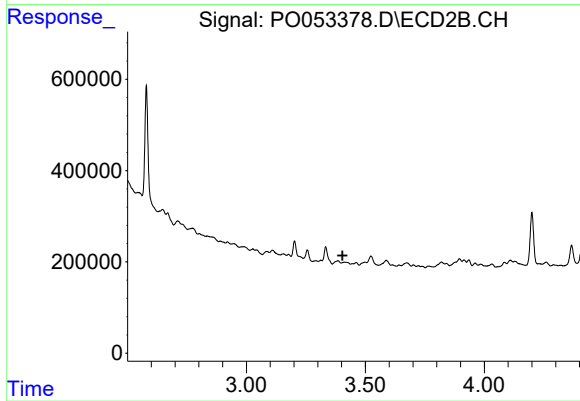
#7 AR-1016-5

R.T.: 4.653 min
Delta R.T.: 0.048 min
Response: 884498
Conc: 112.42 ng/ml



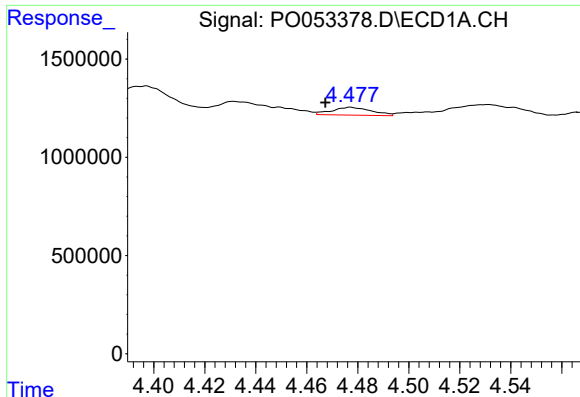
#8 AR-1221-1

R.T.: 4.397 min
Delta R.T.: 0.015 min
Response: 2101287
Conc: 140.21 ng/ml



#8 AR-1221-1

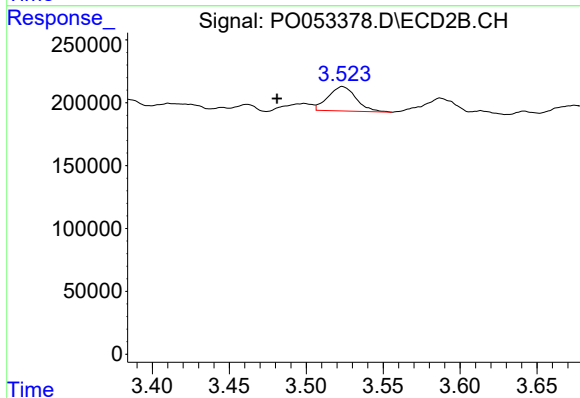
R.T.: 0.000 min
Exp R.T.: 3.403 min
Response: 0
Conc: N.D.



#9 AR-1221-2

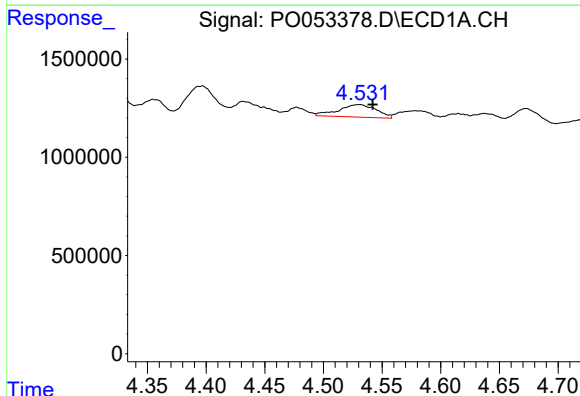
R.T.: 4.477 min
Delta R.T.: 0.010 min
Response: 433841
Conc: 39.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



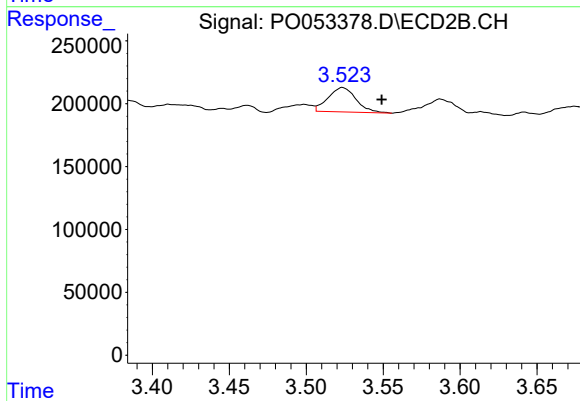
#9 AR-1221-2

R.T.: 3.523 min
Delta R.T.: 0.042 min
Response: 245753
Conc: 102.14 ng/ml



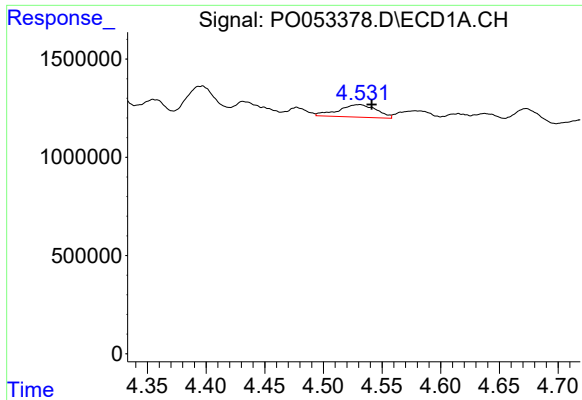
#10 AR-1221-3

R.T.: 4.531 min
Delta R.T.: -0.010 min
Response: 1436882
Conc: 41.24 ng/ml



#10 AR-1221-3

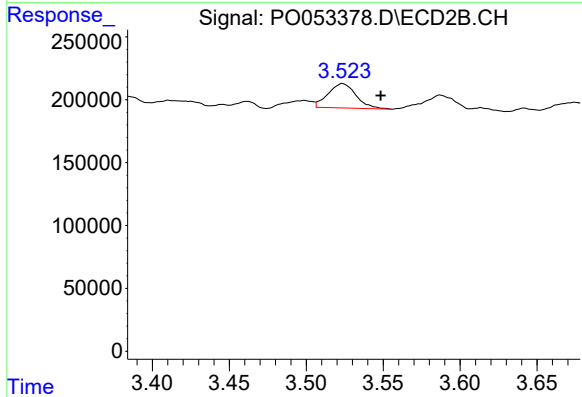
R.T.: 3.523 min
Delta R.T.: -0.026 min
Response: 245753
Conc: 32.13 ng/ml



#11 AR-1232-1

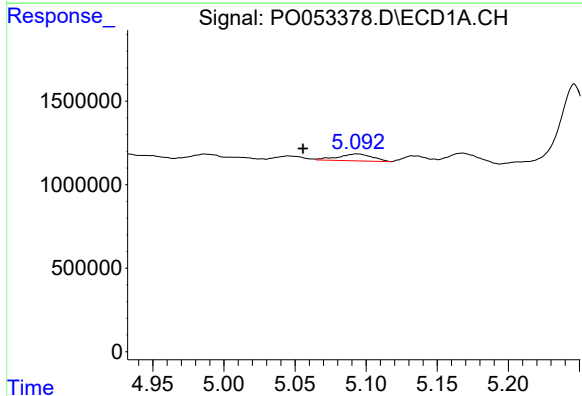
R.T.: 4.531 min
Delta R.T.: -0.010 min
Response: 1436882
Conc: 50.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



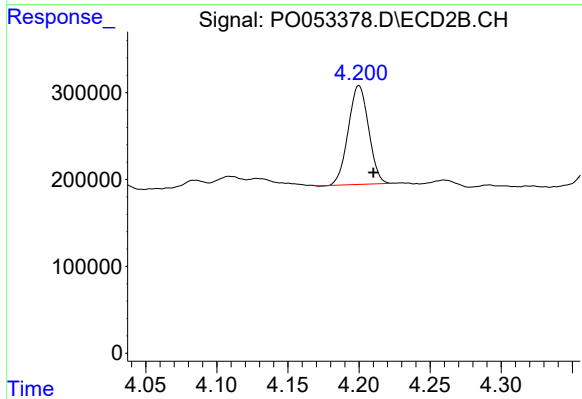
#11 AR-1232-1

R.T.: 3.523 min
Delta R.T.: -0.025 min
Response: 245753
Conc: 40.25 ng/ml



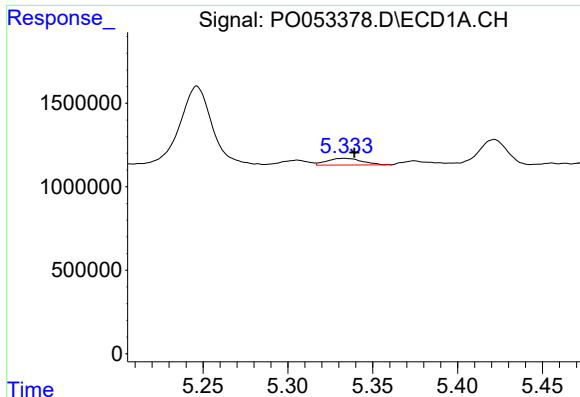
#12 AR-1232-2

R.T.: 5.093 min
Delta R.T.: 0.037 min
Response: 692236
Conc: 51.65 ng/ml



#12 AR-1232-2

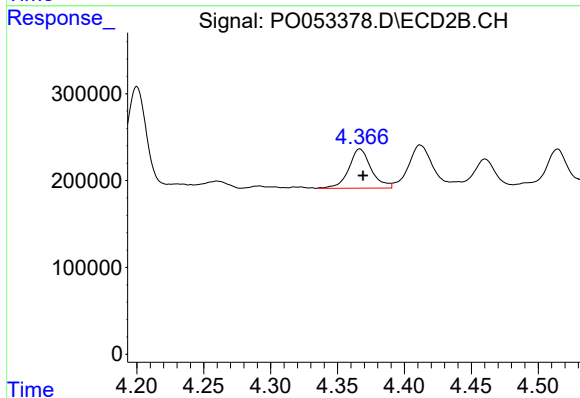
R.T.: 4.200 min
Delta R.T.: -0.010 min
Response: 1132933
Conc: 152.95 ng/ml



#13 AR-1232-3

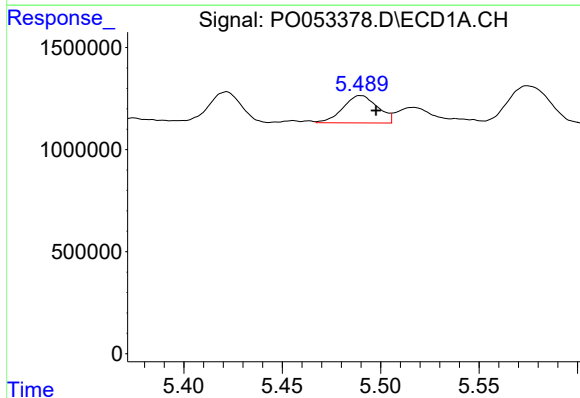
R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 574049
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



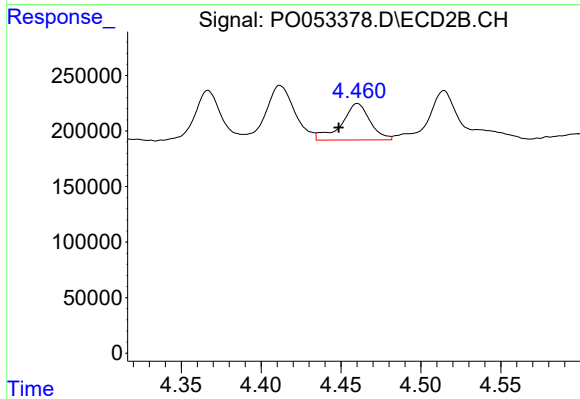
#13 AR-1232-3

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 527822
Conc: 130.59 ng/ml



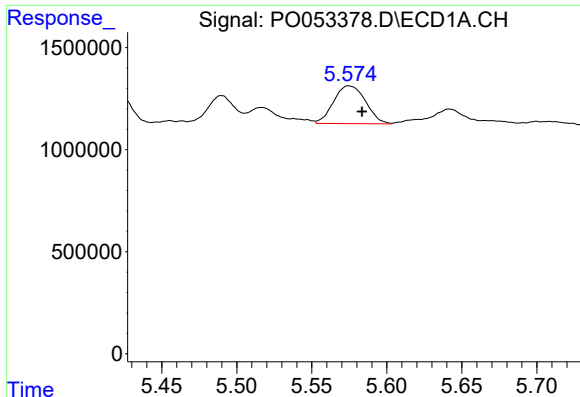
#14 AR-1232-4

R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 1637044
Conc: 127.91 ng/ml



#14 AR-1232-4

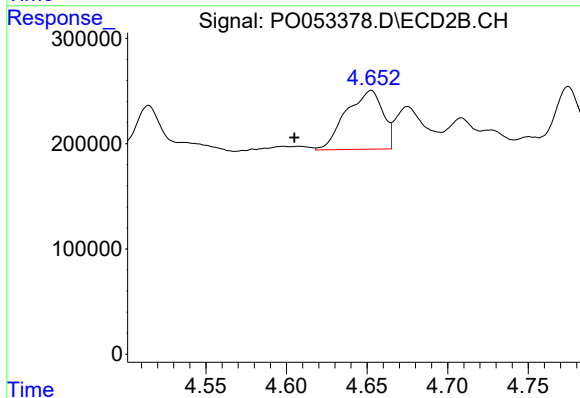
R.T.: 4.460 min
Delta R.T.: 0.012 min
Response: 409059
Conc: 120.76 ng/ml



#15 AR-1232-5

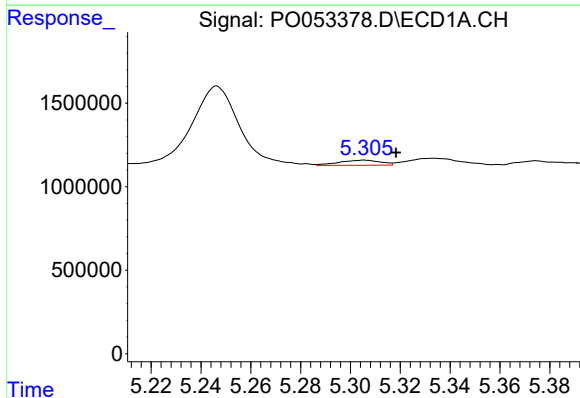
R.T.: 5.574 min
Delta R.T.: -0.009 min
Response: 2742052
Conc: 344.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



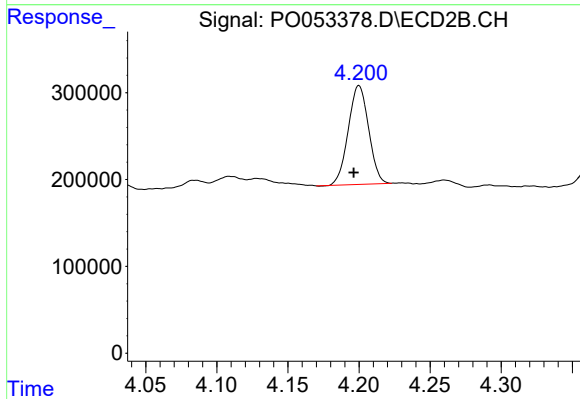
#15 AR-1232-5

R.T.: 4.653 min
Delta R.T.: 0.048 min
Response: 884498
Conc: 249.50 ng/ml



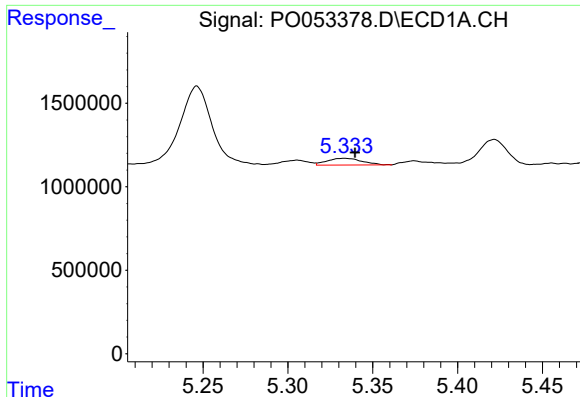
#16 AR-1242-1

R.T.: 5.306 min
Delta R.T.: -0.013 min
Response: 349855
Conc: 10.38 ng/ml



#16 AR-1242-1

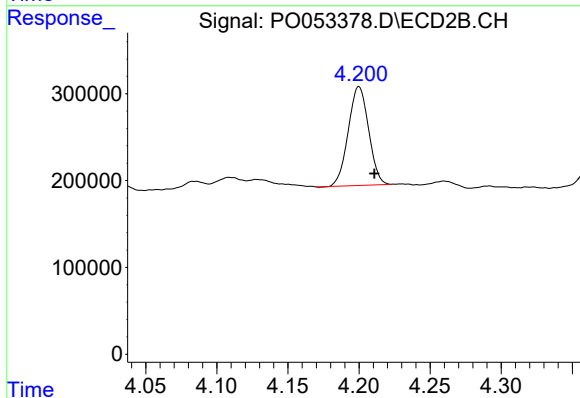
R.T.: 4.200 min
Delta R.T.: 0.004 min
Response: 1132933
Conc: 132.00 ng/ml



#17 AR-1242-2

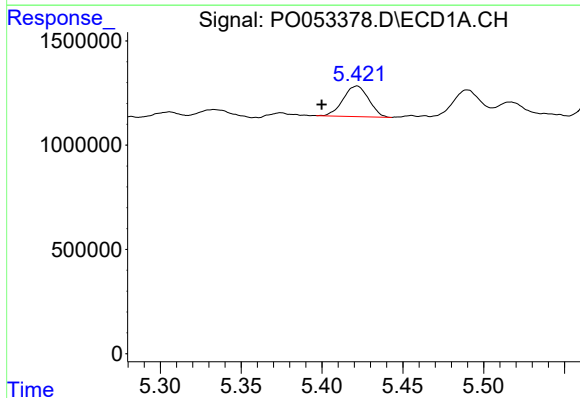
R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 574049
Conc: 11.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



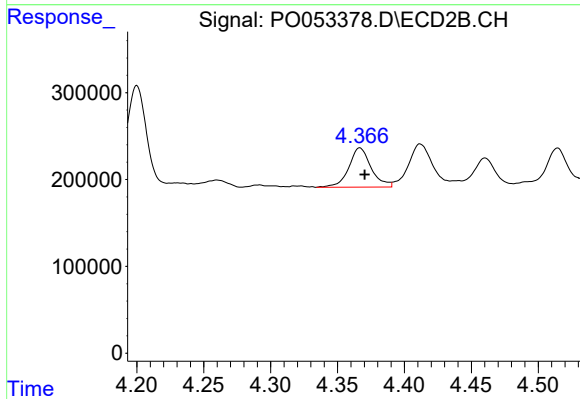
#17 AR-1242-2

R.T.: 4.200 min
Delta R.T.: -0.011 min
Response: 1132933
Conc: 85.52 ng/ml



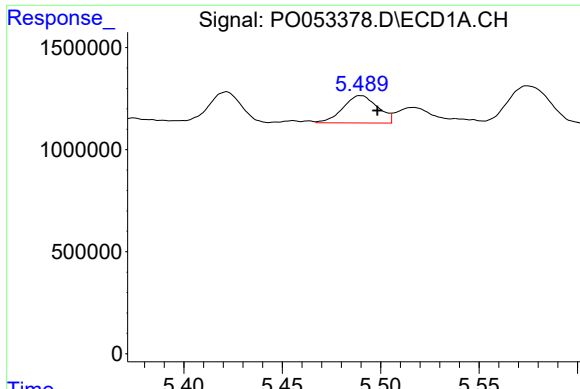
#18 AR-1242-3

R.T.: 5.422 min
Delta R.T.: 0.022 min
Response: 1615950
Conc: 54.55 ng/ml



#18 AR-1242-3

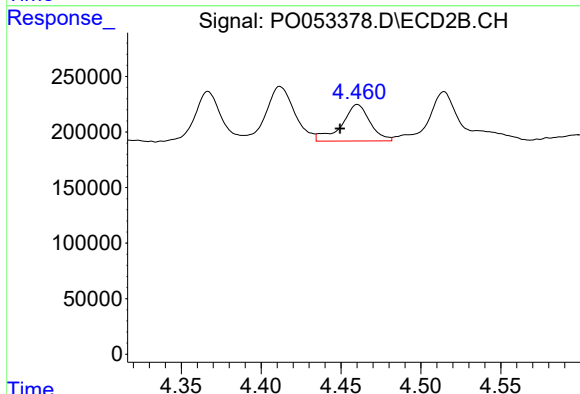
R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 527822
Conc: 73.58 ng/ml



#19 AR-1242-4

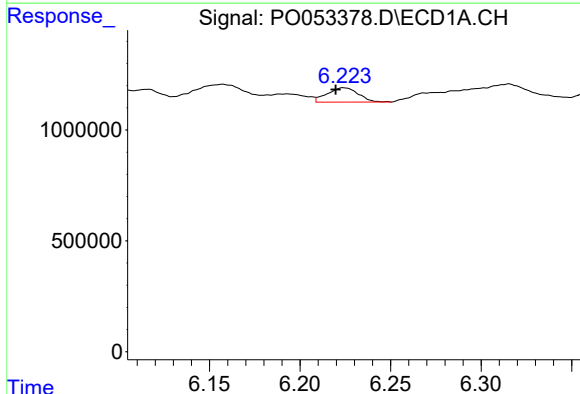
R.T.: 5.490 min
Delta R.T.: -0.009 min
Response: 1637044
Conc: 69.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



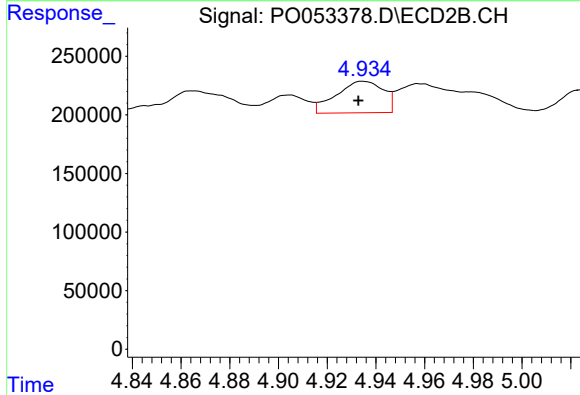
#19 AR-1242-4

R.T.: 4.460 min
Delta R.T.: 0.011 min
Response: 409059
Conc: 60.62 ng/ml



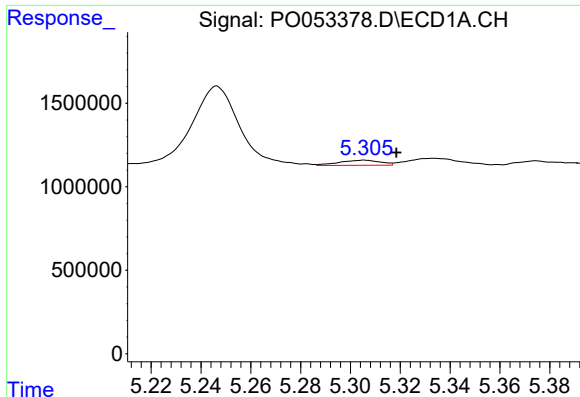
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: 0.005 min
Response: 767665
Conc: 32.93 ng/ml



#20 AR-1242-5

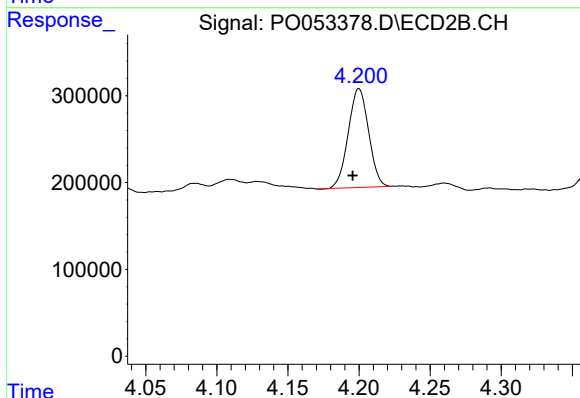
R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 362340
Conc: 40.93 ng/ml



#21 AR-1248-1

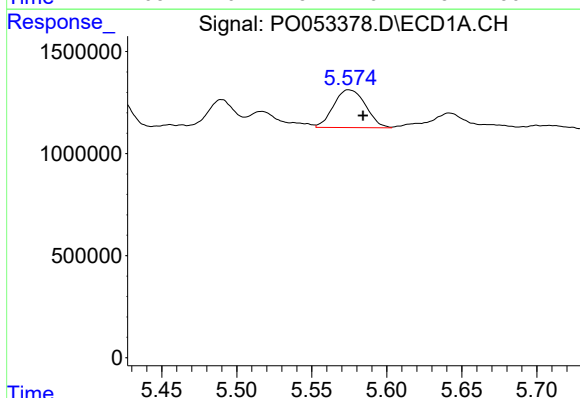
R.T.: 5.306 min
Delta R.T.: -0.013 min
Response: 349855
Conc: 14.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



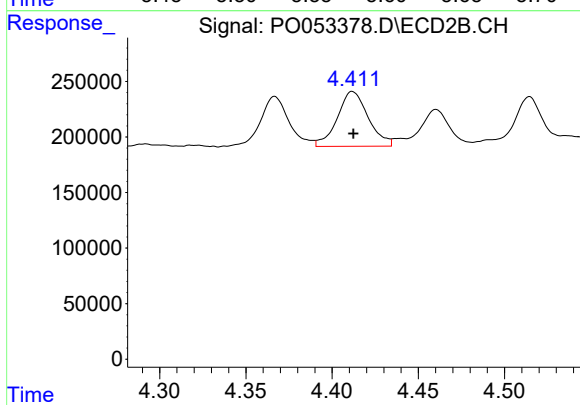
#21 AR-1248-1

R.T.: 4.200 min
Delta R.T.: 0.004 min
Response: 1132933
Conc: 169.58 ng/ml



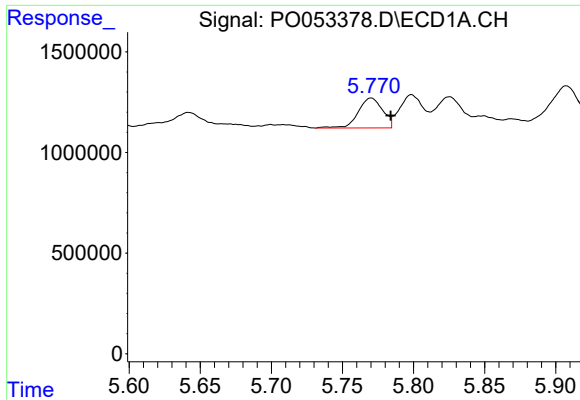
#22 AR-1248-2

R.T.: 5.574 min
Delta R.T.: -0.010 min
Response: 2742052
Conc: 89.65 ng/ml



#22 AR-1248-2

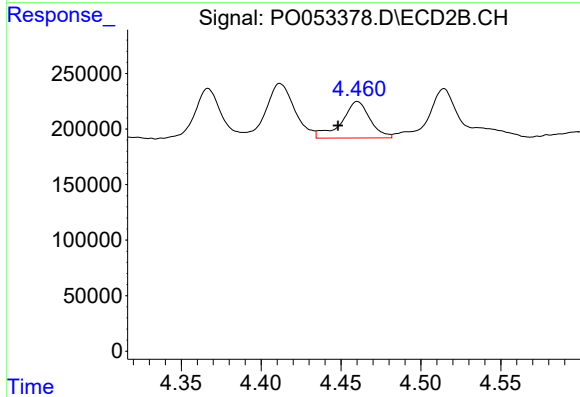
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 617544
Conc: 68.91 ng/ml



#23 AR-1248-3

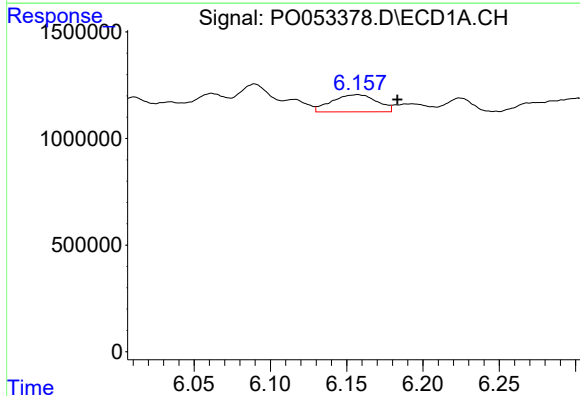
R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 1779111
Conc: 51.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



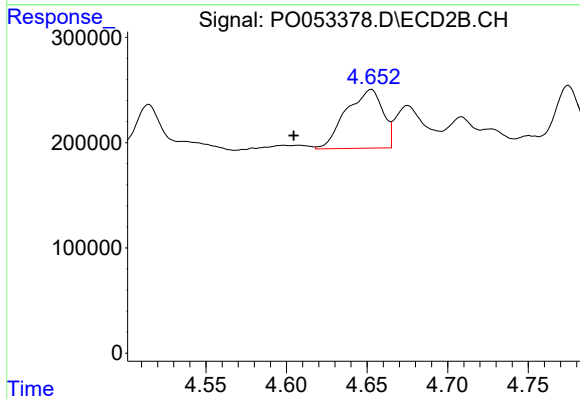
#23 AR-1248-3

R.T.: 4.460 min
Delta R.T.: 0.012 min
Response: 409059
Conc: 44.26 ng/ml



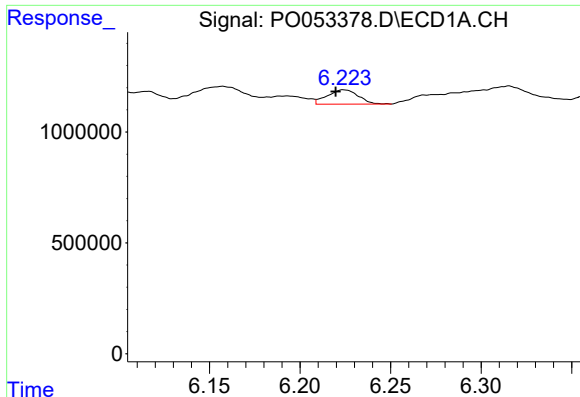
#24 AR-1248-4

R.T.: 6.157 min
Delta R.T.: -0.026 min
Response: 1655951
Conc: 44.00 ng/ml



#24 AR-1248-4

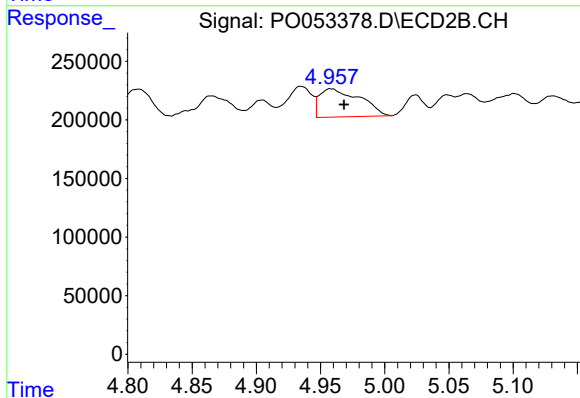
R.T.: 4.653 min
Delta R.T.: 0.048 min
Response: 884498
Conc: 80.76 ng/ml



#25 AR-1248-5

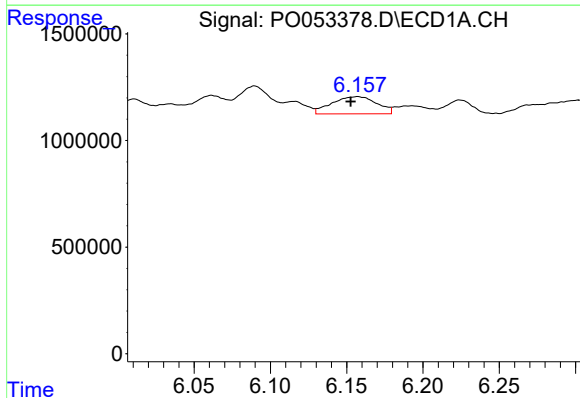
R.T.: 6.224 min
Delta R.T.: 0.005 min
Response: 767665
Conc: 21.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



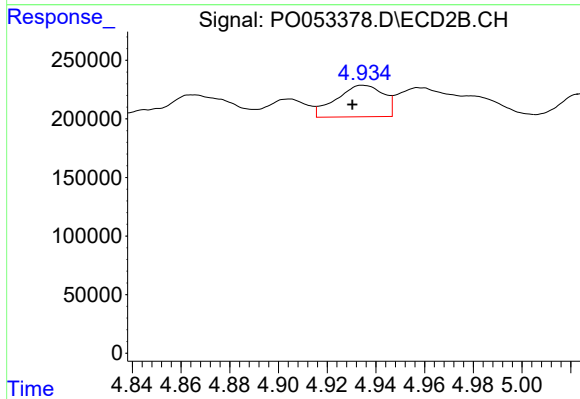
#25 AR-1248-5

R.T.: 4.958 min
Delta R.T.: -0.010 min
Response: 525077
Conc: 47.37 ng/ml



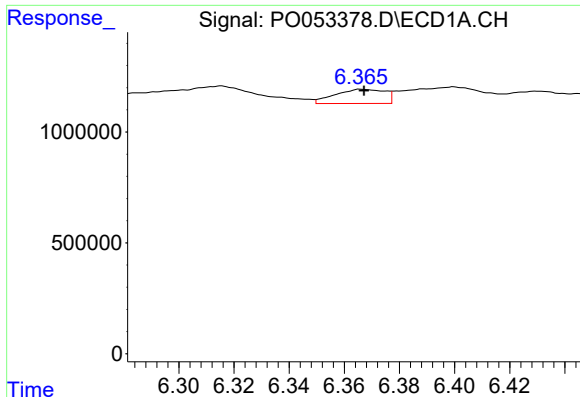
#26 AR-1254-1

R.T.: 6.157 min
Delta R.T.: 0.004 min
Response: 1655951
Conc: 39.23 ng/ml



#26 AR-1254-1

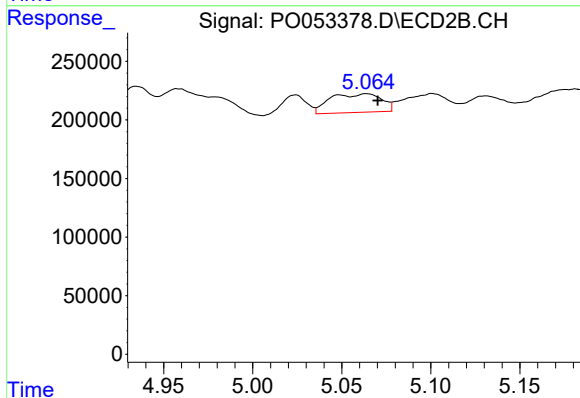
R.T.: 4.935 min
Delta R.T.: 0.004 min
Response: 362340
Conc: 18.36 ng/ml



#27 AR-1254-2

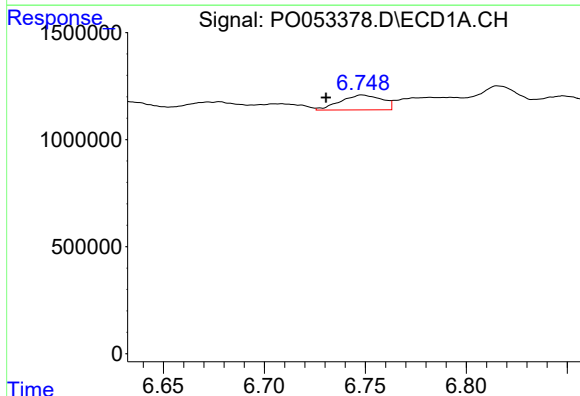
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 801166
Conc: 12.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



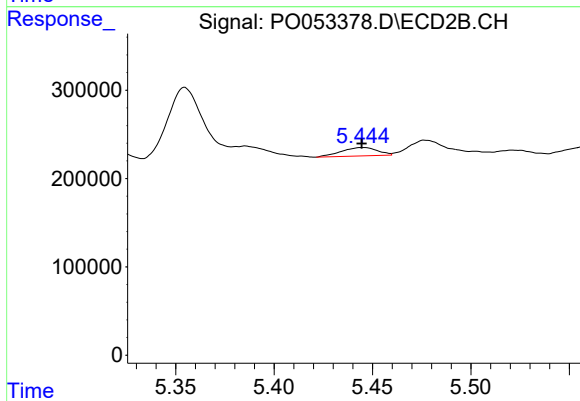
#27 AR-1254-2

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 320224
Conc: 19.51 ng/ml



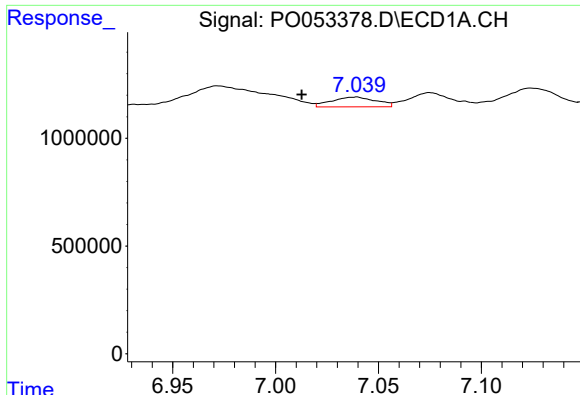
#28 AR-1254-3

R.T.: 6.748 min
Delta R.T.: 0.018 min
Response: 996970
Conc: 15.20 ng/ml



#28 AR-1254-3

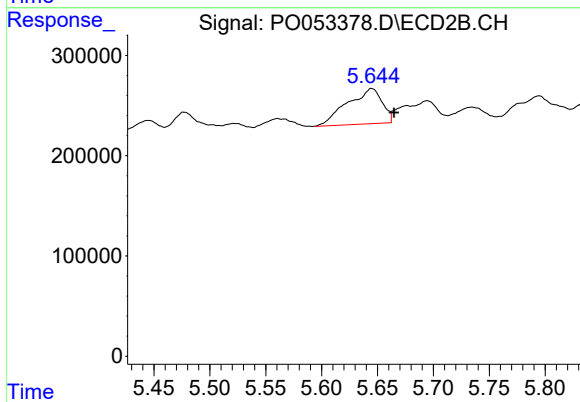
R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 122051
Conc: 4.82 ng/ml



#29 AR-1254-4

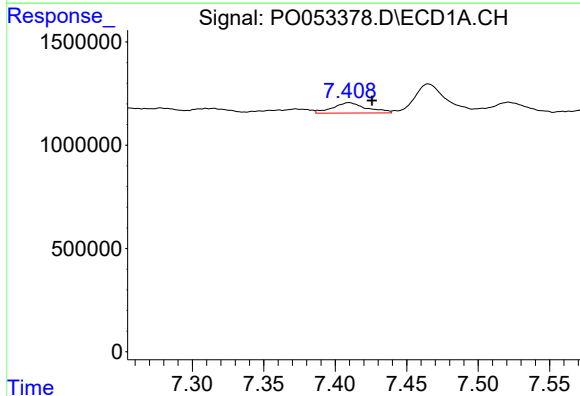
R.T.: 7.039 min
Delta R.T.: 0.026 min
Response: 682147
Conc: 14.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



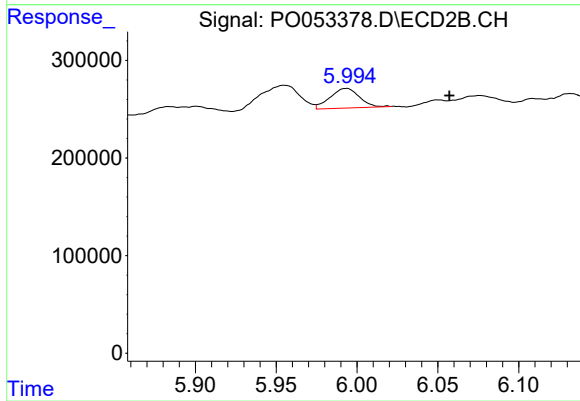
#29 AR-1254-4

R.T.: 5.645 min
Delta R.T.: -0.020 min
Response: 766571
Conc: 46.72 ng/ml



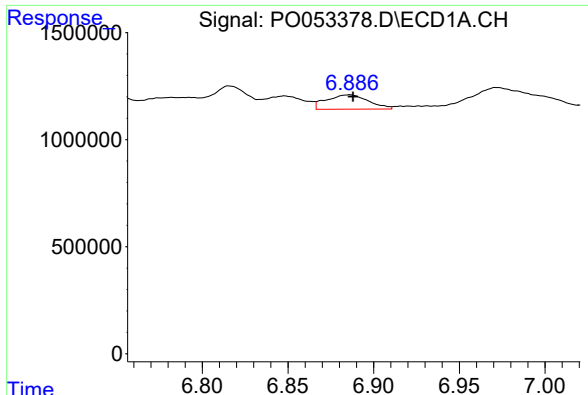
#30 AR-1254-5

R.T.: 7.410 min
Delta R.T.: -0.016 min
Response: 836214
Conc: 18.05 ng/ml



#30 AR-1254-5

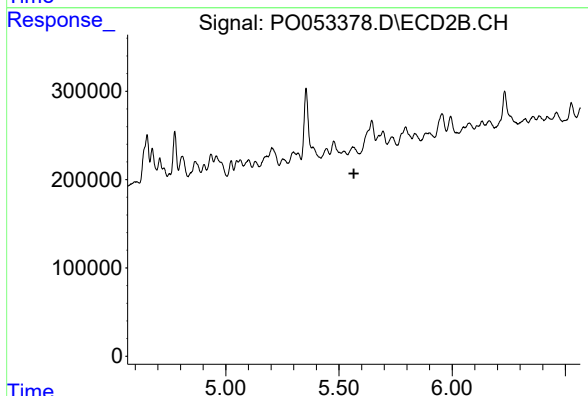
R.T.: 5.993 min
Delta R.T.: -0.064 min
Response: 253175
Conc: 12.04 ng/ml



#31 AR-1260-1

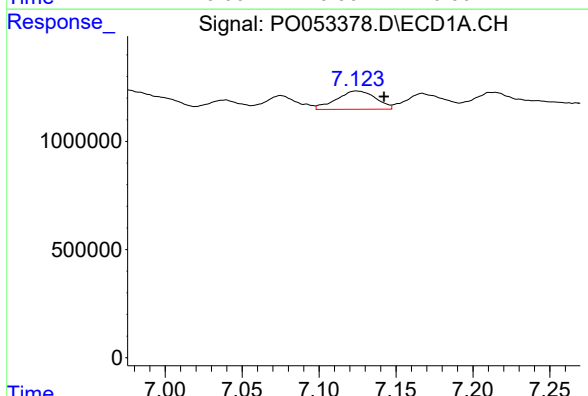
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 1145880
Conc: 29.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



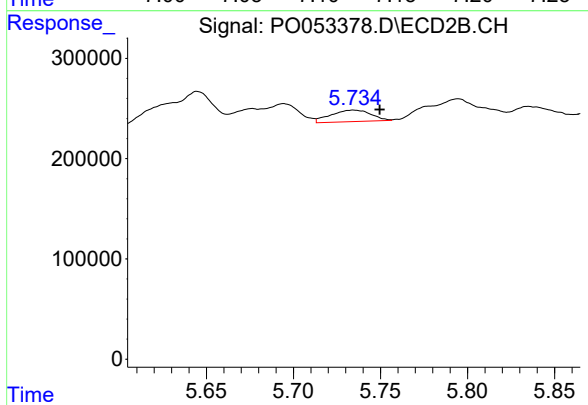
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.566 min
Response: 0
Conc: N.D.



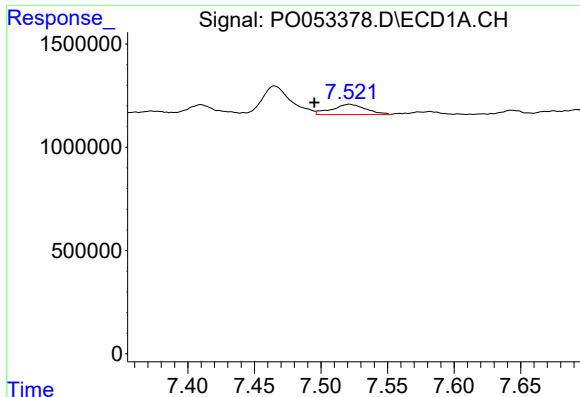
#32 AR-1260-2

R.T.: 7.124 min
Delta R.T.: -0.018 min
Response: 1507418
Conc: 31.47 ng/ml



#32 AR-1260-2

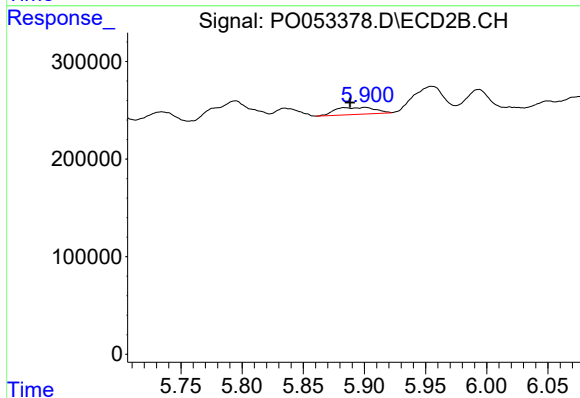
R.T.: 5.734 min
Delta R.T.: -0.015 min
Response: 186598
Conc: 10.34 ng/ml



#33 AR-1260-3

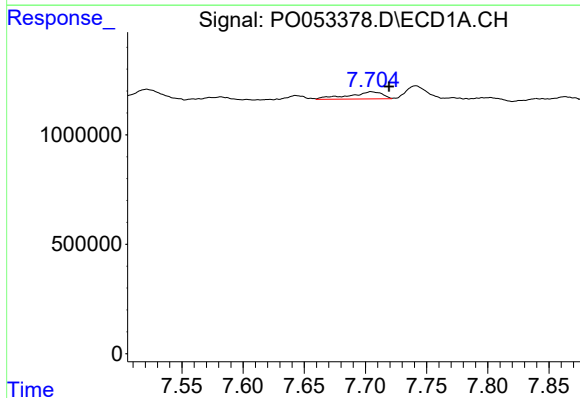
R.T.: 7.521 min
Delta R.T.: 0.026 min
Response: 878975
Conc: 29.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



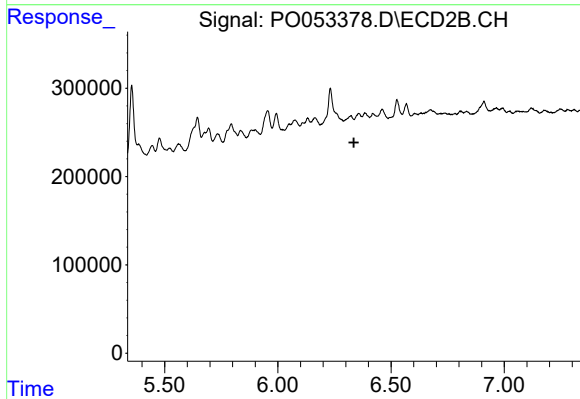
#33 AR-1260-3

R.T.: 5.901 min
Delta R.T.: 0.012 min
Response: 163722
Conc: 10.02 ng/ml



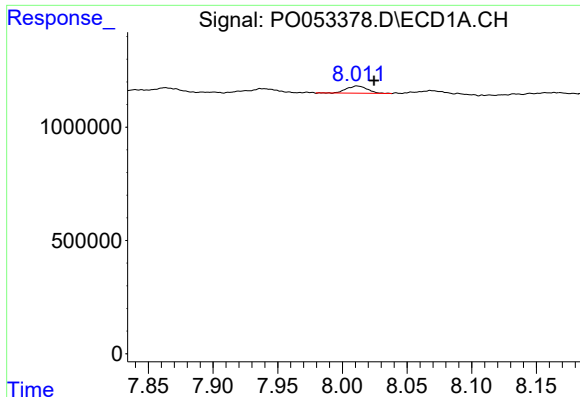
#34 AR-1260-4

R.T.: 7.705 min
Delta R.T.: -0.014 min
Response: 628713
Conc: 18.65 ng/ml



#34 AR-1260-4

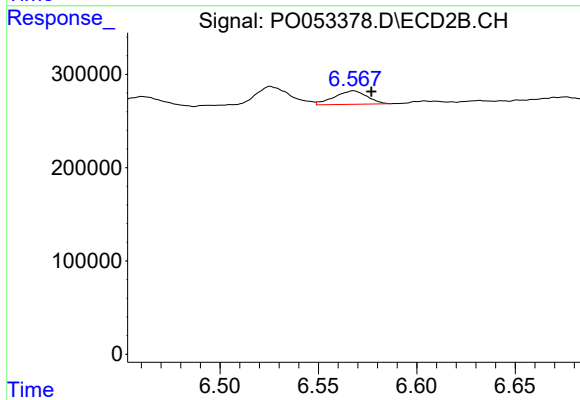
R.T.: 0.000 min
Exp R.T.: 6.336 min
Response: 0
Conc: N.D.



#35 AR-1260-5

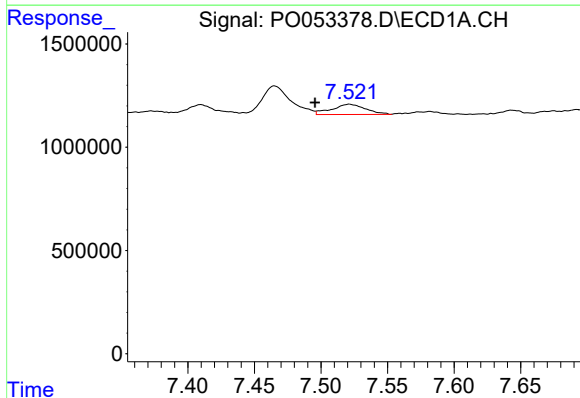
R.T.: 8.012 min
Delta R.T.: -0.013 min
Response: 356310
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



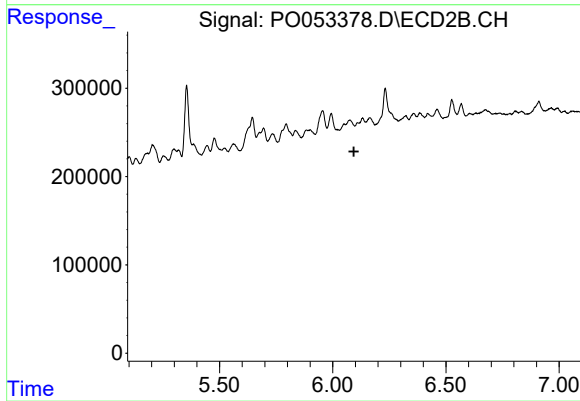
#35 AR-1260-5

R.T.: 6.568 min
Delta R.T.: -0.009 min
Response: 165739
Conc: 6.44 ng/ml



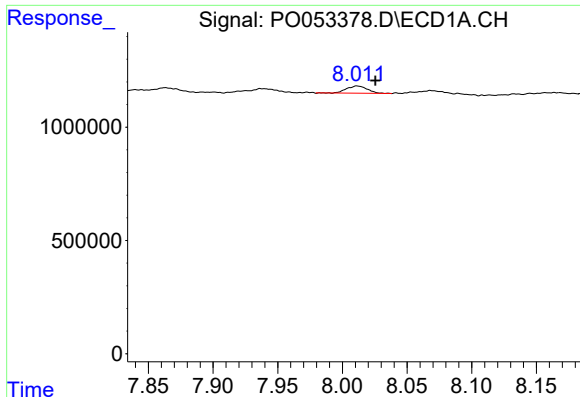
#36 AR-1262-1

R.T.: 7.521 min
Delta R.T.: 0.026 min
Response: 878975
Conc: 14.61 ng/ml



#36 AR-1262-1

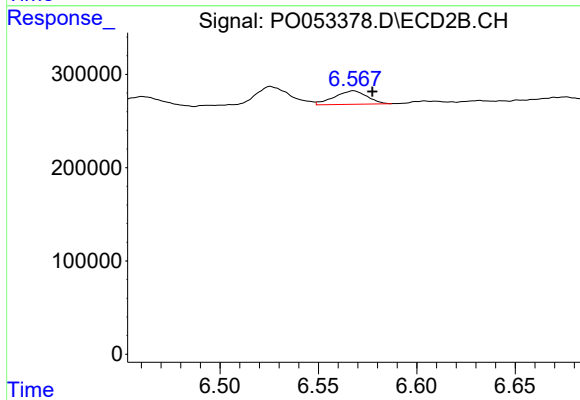
R.T.: 0.000 min
Exp R.T.: 6.093 min
Response: 0
Conc: N.D.



#37 AR-1262-2

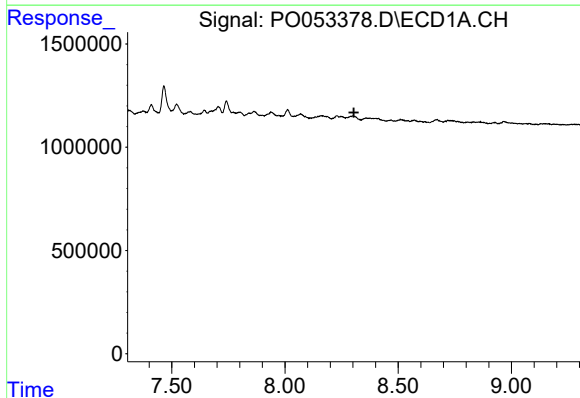
R.T.: 8.012 min
Delta R.T.: -0.014 min
Response: 356310
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



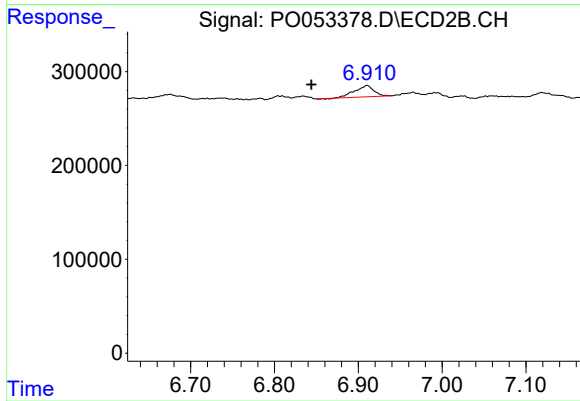
#37 AR-1262-2

R.T.: 6.568 min
Delta R.T.: -0.010 min
Response: 165739
Conc: 4.58 ng/ml



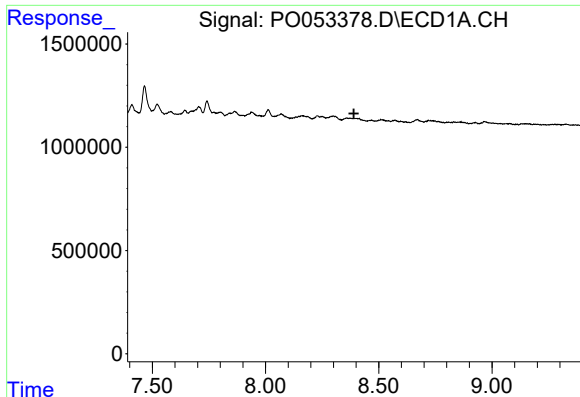
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.304 min
Response: 0
Conc: N.D.



#38 AR-1262-3

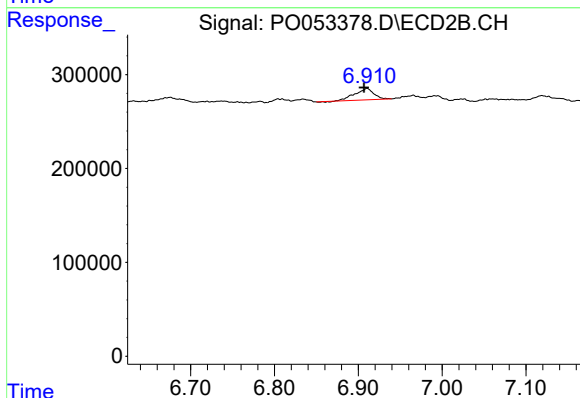
R.T.: 6.911 min
Delta R.T.: 0.066 min
Response: 191478
Conc: 13.51 ng/ml



#39 AR-1262-4

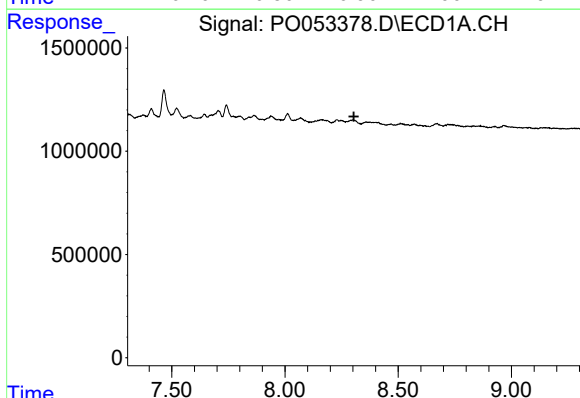
R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



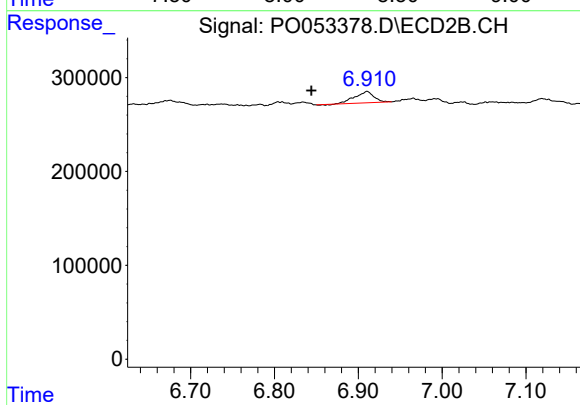
#39 AR-1262-4

R.T.: 6.911 min
Delta R.T.: 0.004 min
Response: 191478
Conc: 7.25 ng/ml



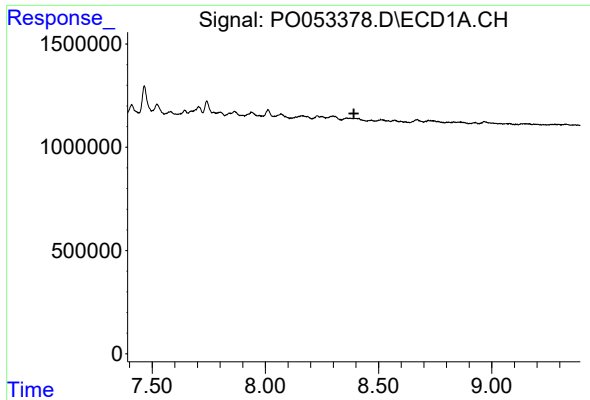
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.304 min
Response: 0
Conc: N.D.



#41 AR-1268-1

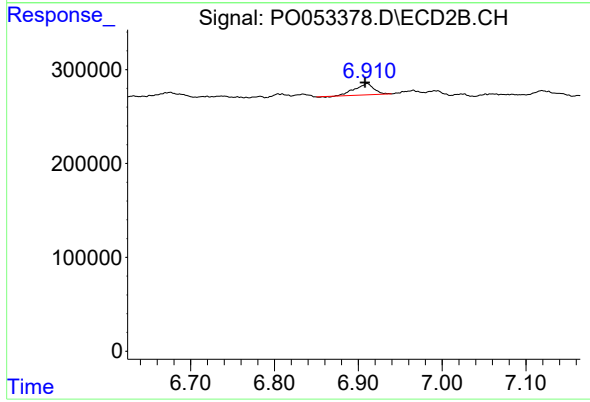
R.T.: 6.911 min
Delta R.T.: 0.067 min
Response: 191478
Conc: 4.54 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.391 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 6.911 min
Delta R.T.: 0.003 min
Response: 191478
Conc: 4.80 ng/ml