

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050781.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 20:51
 Operator : SM/SJ
 Sample : J5615-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:05:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 07:48:38 2018
 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...	4.355	3.349	10036218	4120709	20.078	18.958
2)	SA Decachlor...	10.011	8.094	3613359	2533700	11.625	9.906
Target Compounds							
3)	L1 AR-1016-1	0.000	4.362	0	29806	N.D.	3.243 #
4)	L1 AR-1016-2	0.000	4.362	0	29806	N.D.	1.923 #
5)	L1 AR-1016-3	0.000	4.544	0	31203	N.D.	3.896 #
6)	L1 AR-1016-4	0.000	4.587	0	670216	N.D.	110.147 #
7)	L1 AR-1016-5	5.994	4.787	461243	248065	34.186	28.746
8)	L2 AR-1221-1	0.000	3.624	0	32548	N.D.	19.256 #
9)	L2 AR-1221-2	0.000	3.632	0	27385	N.D.	21.518 #
10)	L2 AR-1221-3	0.000	3.748	0	415389	N.D.	97.130 #
11)	L3 AR-1232-1	0.000	3.748	0	415389	N.D.	103.910 #
12)	L3 AR-1232-2	5.320	4.362	419638	29806	90.054	6.231 #
13)	L3 AR-1232-3	0.000	4.544	0	31203	N.D.	11.966 #
14)	L3 AR-1232-4	0.000	4.625	0	324616	N.D.	145.616 #
15)	L3 AR-1232-5	5.790	4.787	1061553	248065	357.680	93.267 #
16)	L4 AR-1242-1	0.000	4.362	0	29806	N.D.	5.079 #
17)	L4 AR-1242-2	0.000	4.362	0	29806	N.D.	2.983 #
18)	L4 AR-1242-3	0.000	4.544	0	31203	N.D.	6.179 #
19)	L4 AR-1242-4	0.000	4.625	0	324616	N.D.	67.954 #
20)	L4 AR-1242-5	6.435	5.120	722291	1885264	77.435	292.629 #
21)	L5 AR-1248-1	0.000	4.362	0	29806	N.D.	6.461 #
22)	L5 AR-1248-2	5.790	4.587	1061553	670216	81.952	96.230
23)	L5 AR-1248-3	5.994	4.625	461243	324616	30.474	46.439 #
24)	L5 AR-1248-4	6.395	4.787	839230	248065	50.340	26.585 #
25)	L5 AR-1248-5	6.435	5.160	722291	245673	46.268	25.552 #
26)	L6 AR-1254-1	6.367	5.120	1322173	1885264	60.212	98.325 #
27)	L6 AR-1254-2	6.585	5.262	5513200	3093061	163.064	178.179
28)	L6 AR-1254-3	6.952	5.645	7676976	7999325	220.458	282.620 #
29)	L6 AR-1254-4	7.236	5.867	5903164	4952924	255.217	280.219
30)	L6 AR-1254-5	7.674	6.269	40675350	29773345	1656.689	1113.594 #
31)	L7 AR-1260-1	7.113	5.770	3271018	4969099	127.149	240.335 #
32)	L7 AR-1260-2	7.366	5.954	13164265	5896787	445.002	205.351 #
33)	L7 AR-1260-3	7.674	6.097	40675350	2982326	1919.247	120.934 #
34)	L7 AR-1260-4	7.943	6.551	4299795	1261434	187.904	61.159 #
35)	L7 AR-1260-5	8.265	6.792	1786400	2190775	40.558	42.161
36)	L8 AR-1262-1	7.674	6.311	40675350	5019825	1648.747	178.389 #
37)	L8 AR-1262-2	8.265	6.792	1786400	2190775	45.643	48.768
38)	L8 AR-1262-3	8.584	7.044	1093957	1848589	43.301	102.961 #
39)	L8 AR-1262-4	0.000	7.127	0	2172832	N.D.	73.857 #
40)	L8 AR-1262-5	0.000	7.611	0	209001	N.D.	18.009 #
41)	L9 AR-1268-1	8.584	7.044	1093957	1848589	21.683	33.564 #

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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
42)	L9 AR-1268-2	0.000	7.127	0	2172832	N.D.	45.584 #
43)	L9 AR-1268-3	0.000	7.328	0	128108	N.D.	2.974 #
44)	L9 AR-1268-4	0.000	7.611	0	209001	N.D.	14.960 #

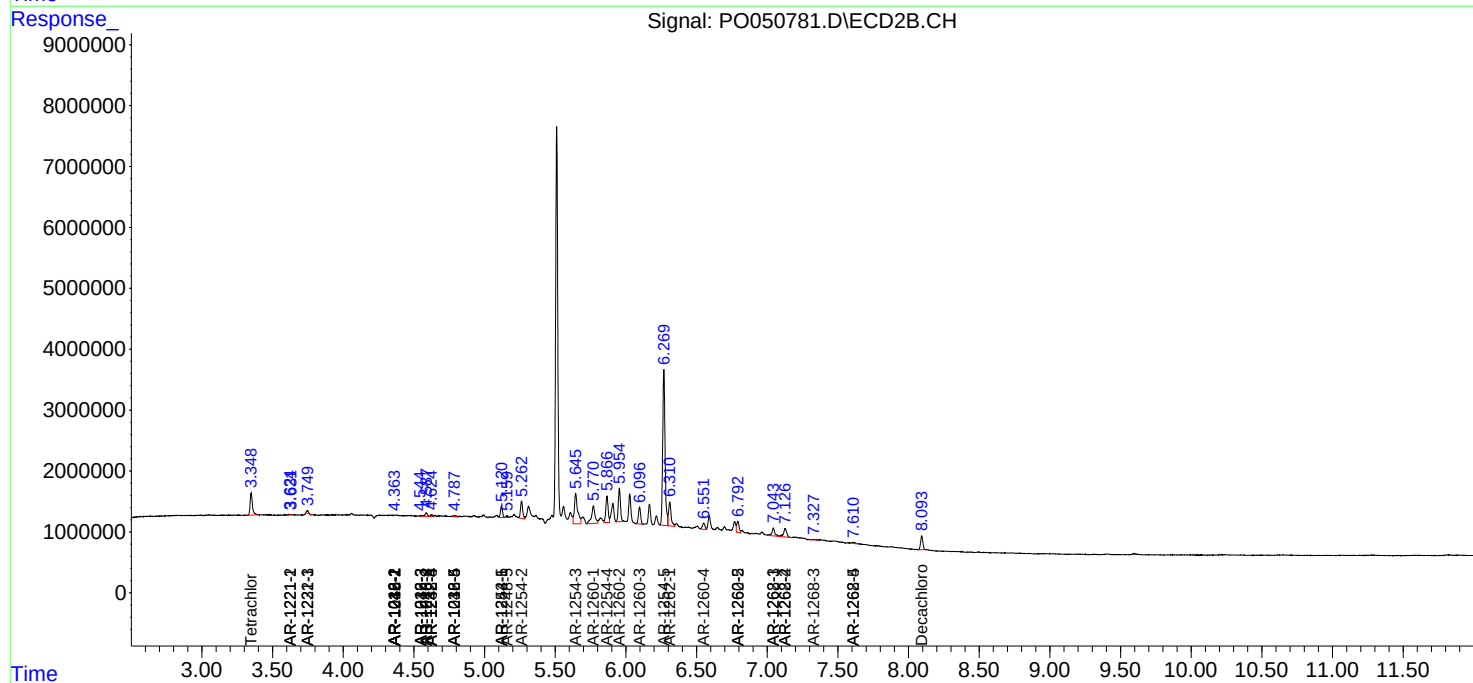
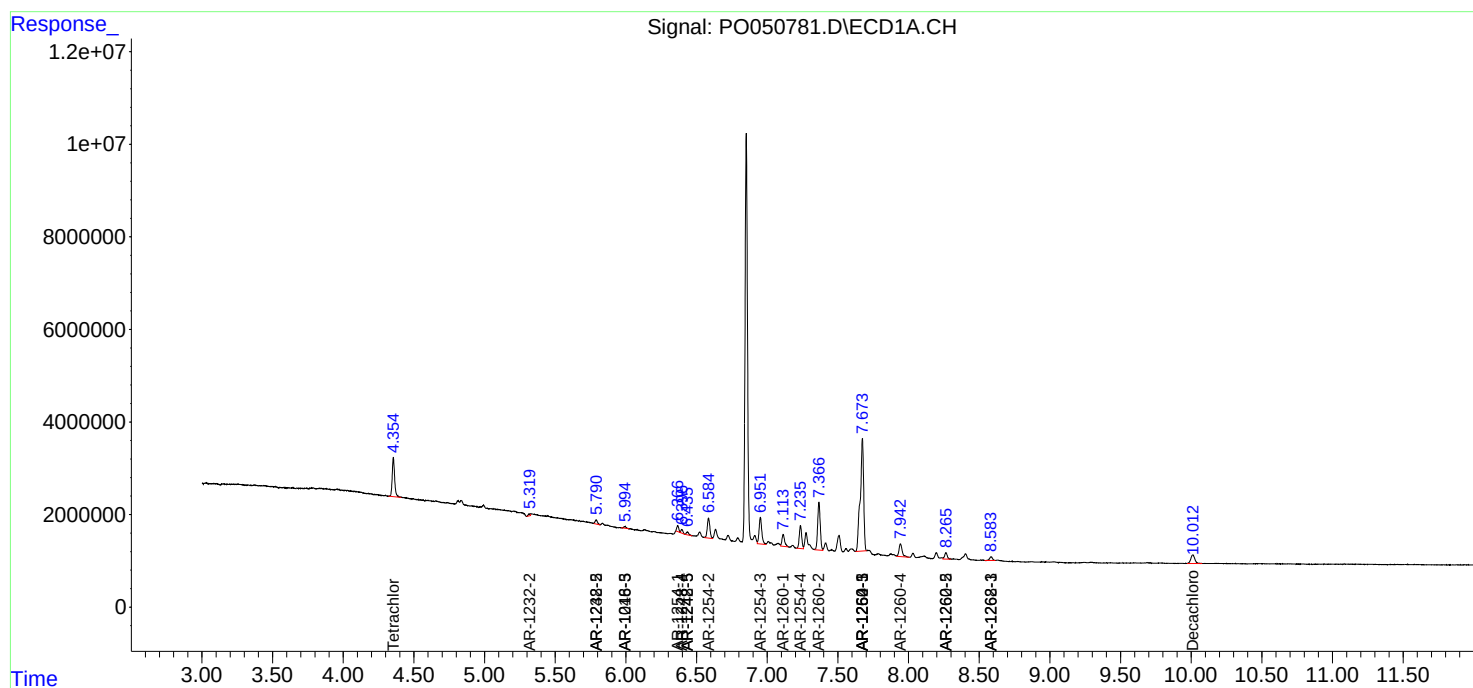
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

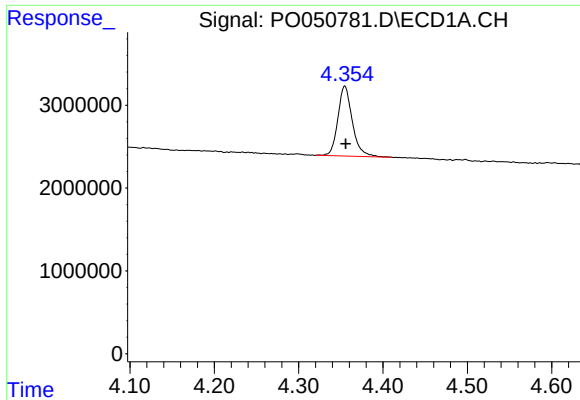
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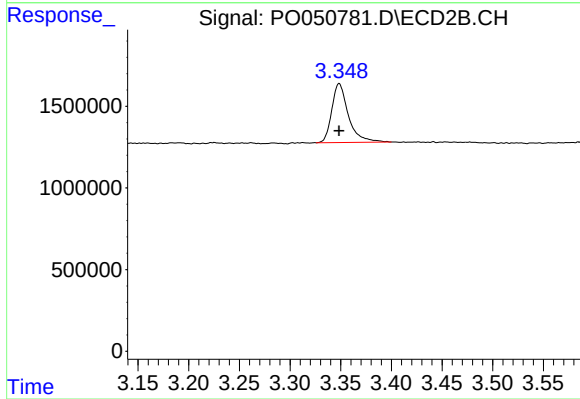




#1 Tetrachloro-m-xylene

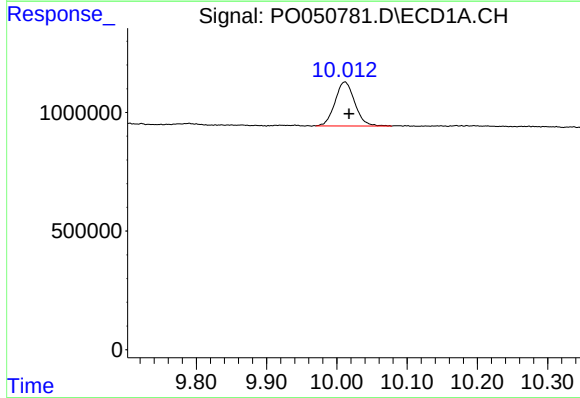
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 10036218
Conc: 20.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



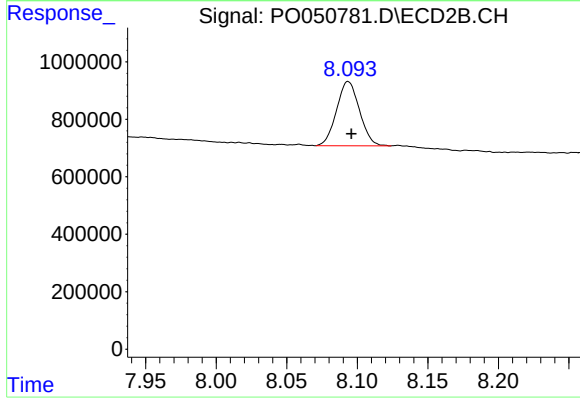
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 4120709
Conc: 18.96 ng/ml



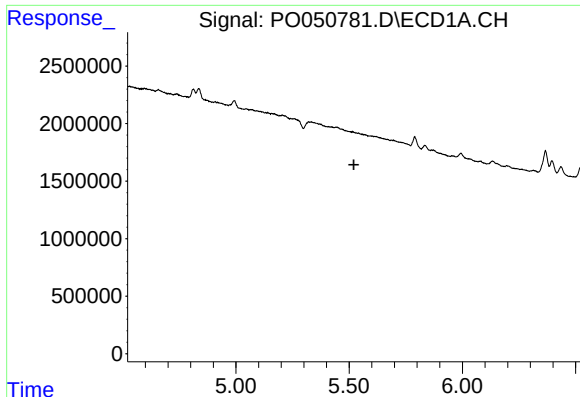
#2 Decachlorobiphenyl

R.T.: 10.011 min
Delta R.T.: -0.006 min
Response: 3613359
Conc: 11.63 ng/ml



#2 Decachlorobiphenyl

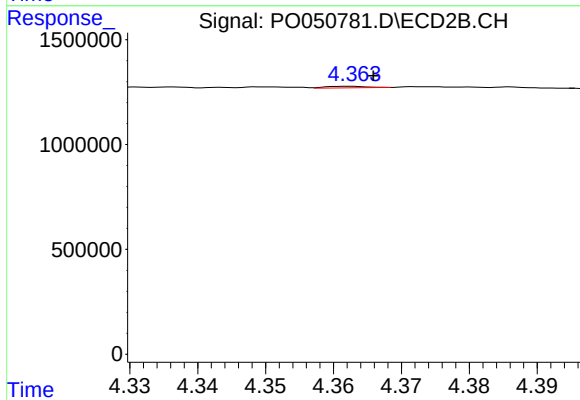
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 2533700
Conc: 9.91 ng/ml



#3 AR-1016-1

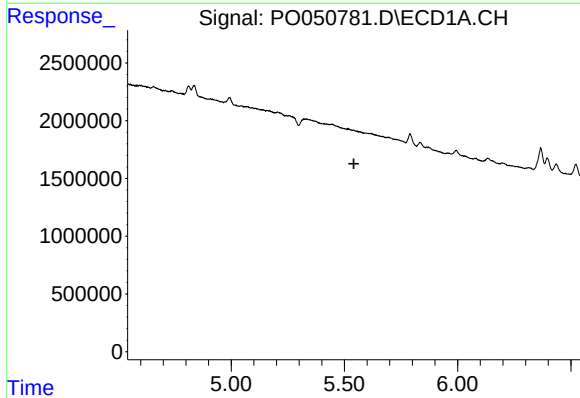
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



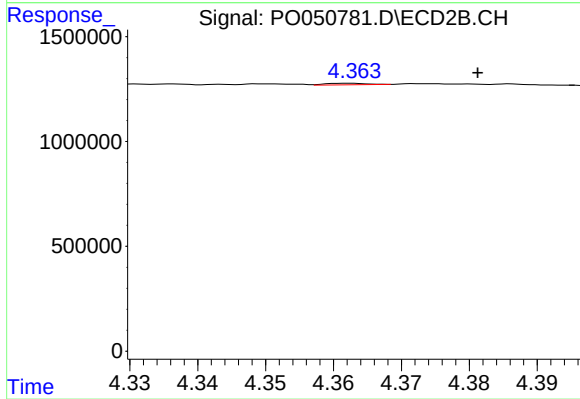
#3 AR-1016-1

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 29806
Conc: 3.24 ng/ml



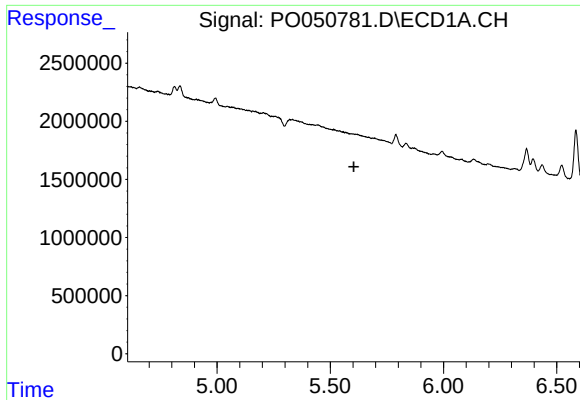
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.542 min
Response: 0
Conc: N.D.



#4 AR-1016-2

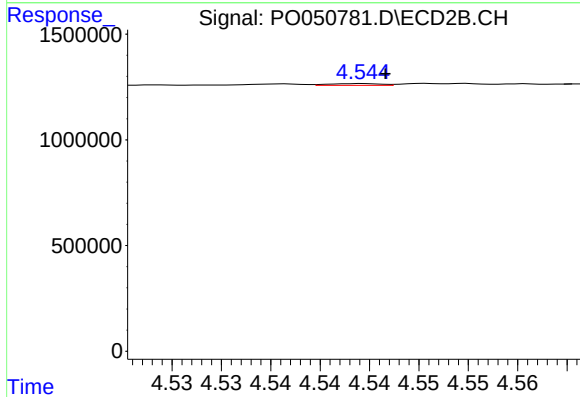
R.T.: 4.362 min
Delta R.T.: -0.019 min
Response: 29806
Conc: 1.92 ng/ml



#5 AR-1016-3

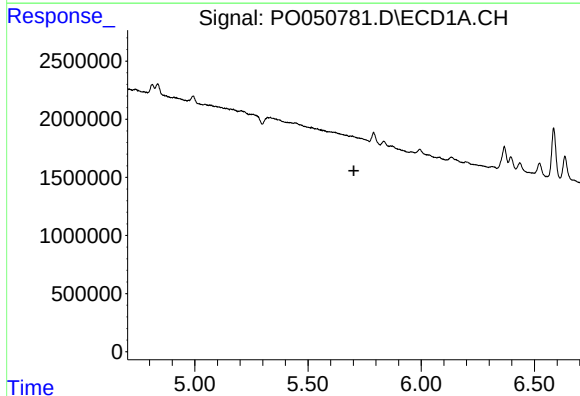
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



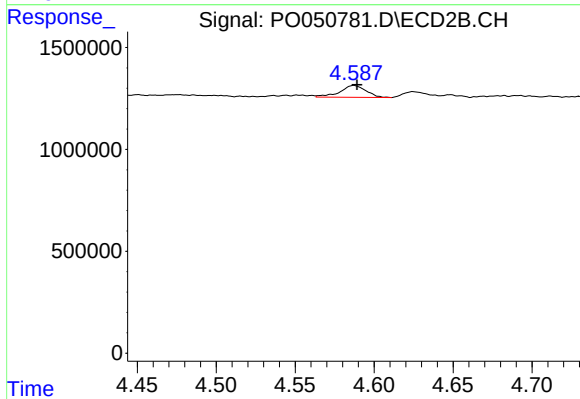
#5 AR-1016-3

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 31203
Conc: 3.90 ng/ml



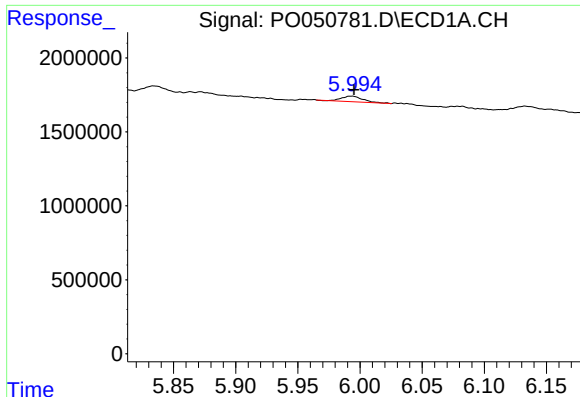
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.



#6 AR-1016-4

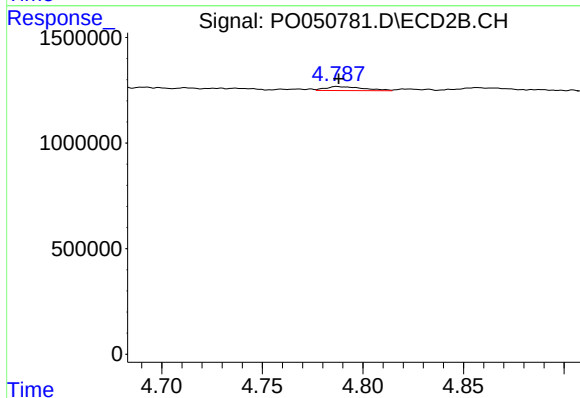
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 670216
Conc: 110.15 ng/ml



#7 AR-1016-5

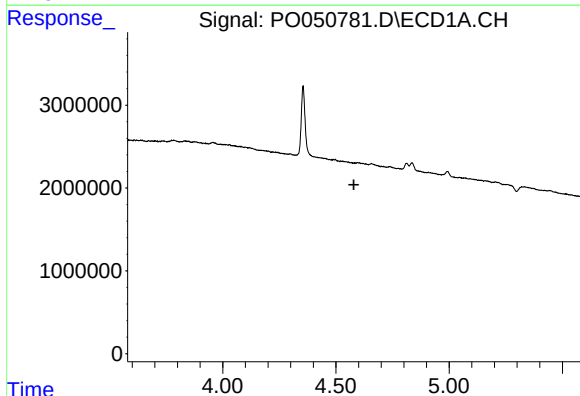
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 461243
Conc: 34.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



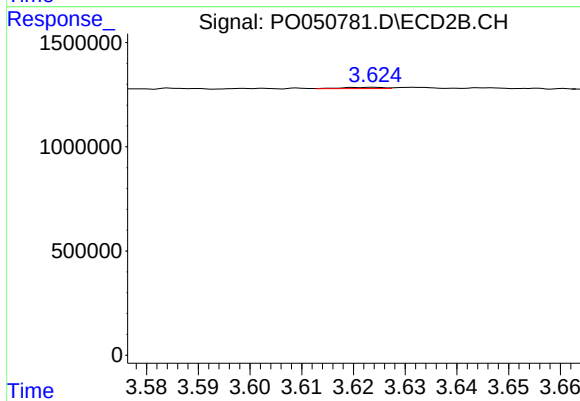
#7 AR-1016-5

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 248065
Conc: 28.75 ng/ml



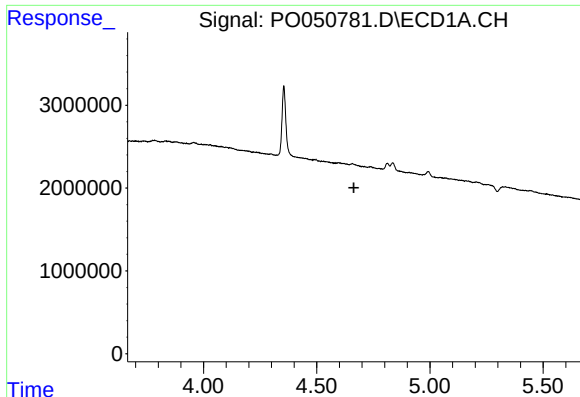
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.579 min
Response: 0
Conc: N.D.



#8 AR-1221-1

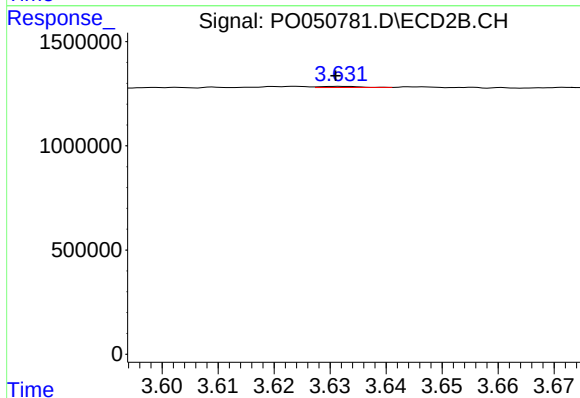
R.T.: 3.624 min
Delta R.T.: 0.070 min
Response: 32548
Conc: 19.26 ng/ml



#9 AR-1221-2

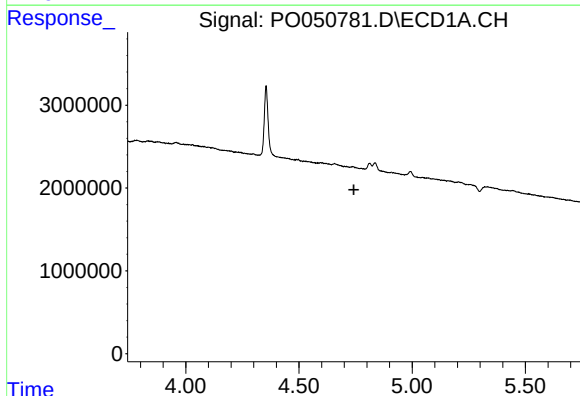
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



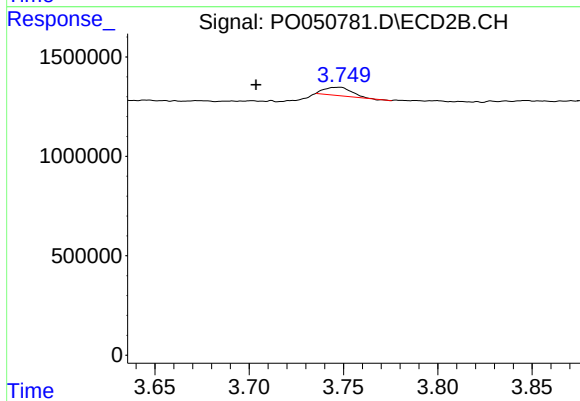
#9 AR-1221-2

R.T.: 3.632 min
Delta R.T.: 0.001 min
Response: 27385
Conc: 21.52 ng/ml



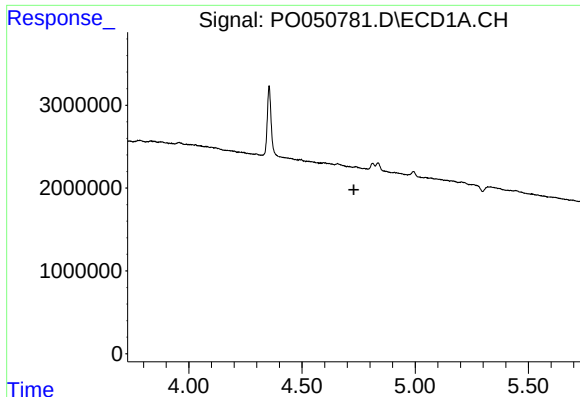
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.742 min
Response: 0
Conc: N.D.



#10 AR-1221-3

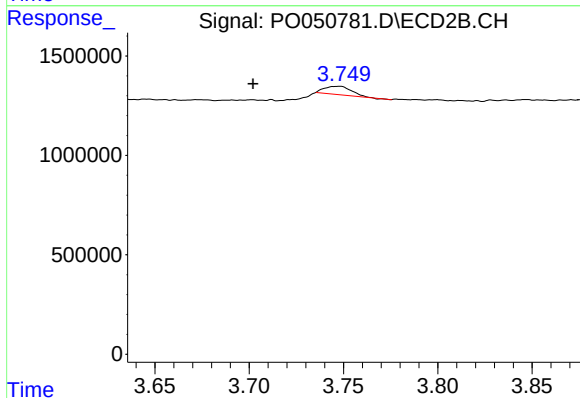
R.T.: 3.748 min
Delta R.T.: 0.045 min
Response: 415389
Conc: 97.13 ng/ml



#11 AR-1232-1

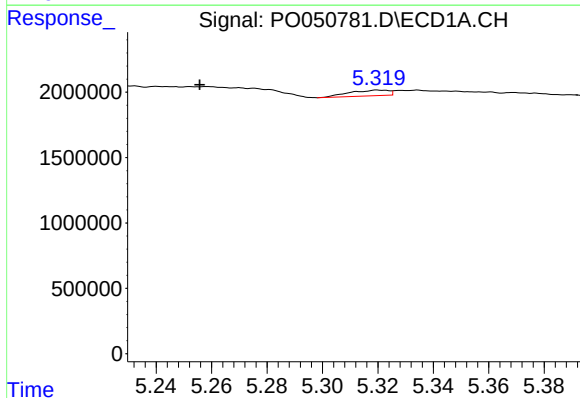
R.T.: 0.000 min
Exp R.T.: 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



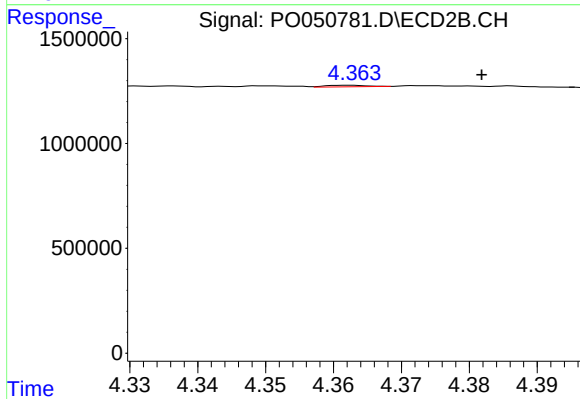
#11 AR-1232-1

R.T.: 3.748 min
Delta R.T.: 0.046 min
Response: 415389
Conc: 103.91 ng/ml



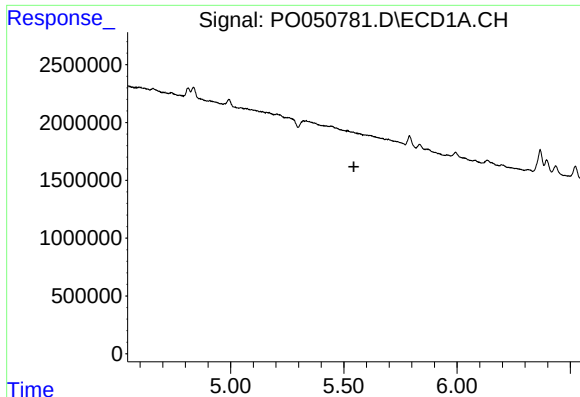
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: 0.064 min
Response: 419638
Conc: 90.05 ng/ml



#12 AR-1232-2

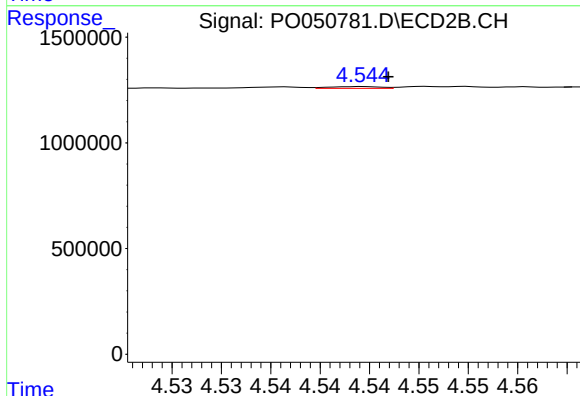
R.T.: 4.362 min
Delta R.T.: -0.019 min
Response: 29806
Conc: 6.23 ng/ml



#13 AR-1232-3

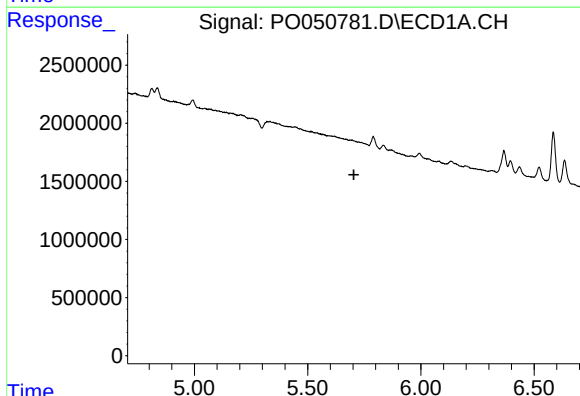
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



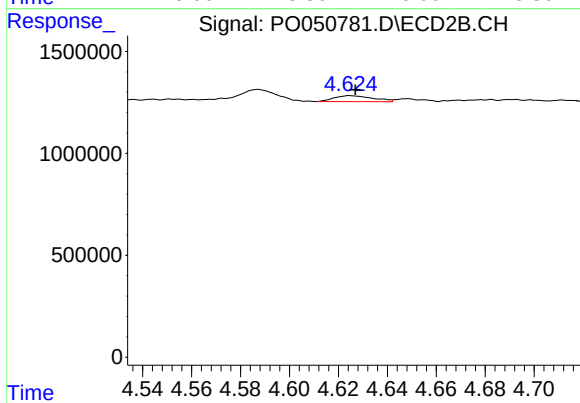
#13 AR-1232-3

R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 31203
Conc: 11.97 ng/ml



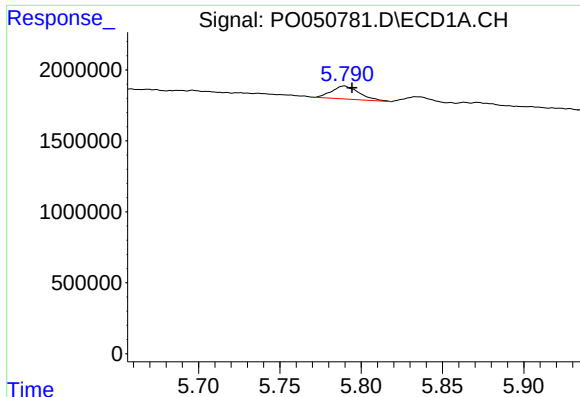
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.



#14 AR-1232-4

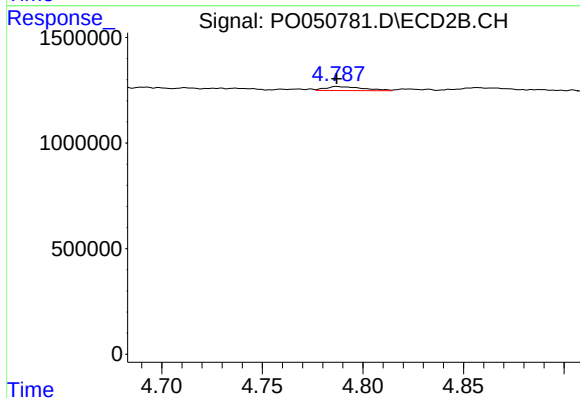
R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 324616
Conc: 145.62 ng/ml



#15 AR-1232-5

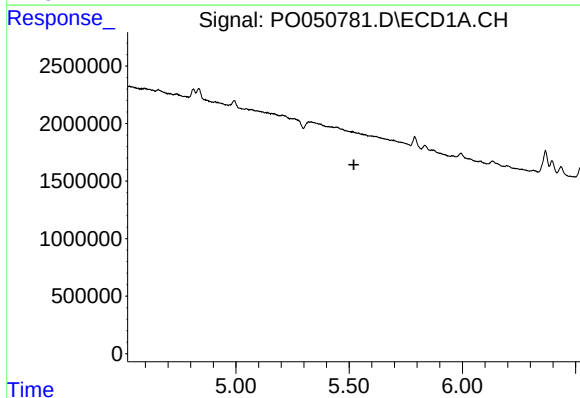
R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 1061553
Conc: 357.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



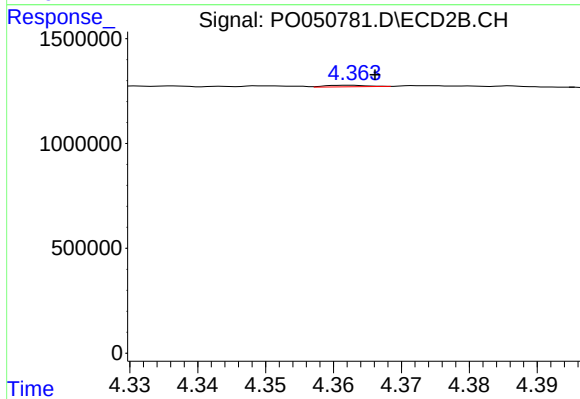
#15 AR-1232-5

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 248065
Conc: 93.27 ng/ml



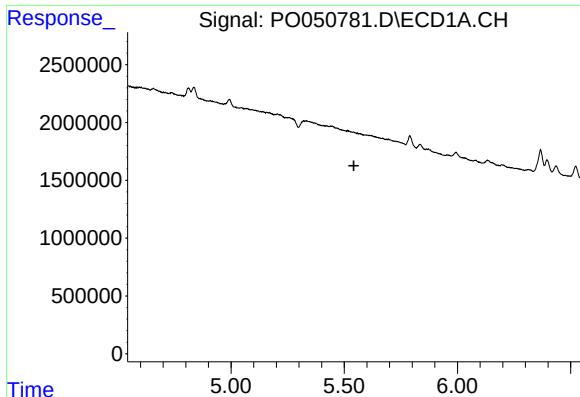
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



#16 AR-1242-1

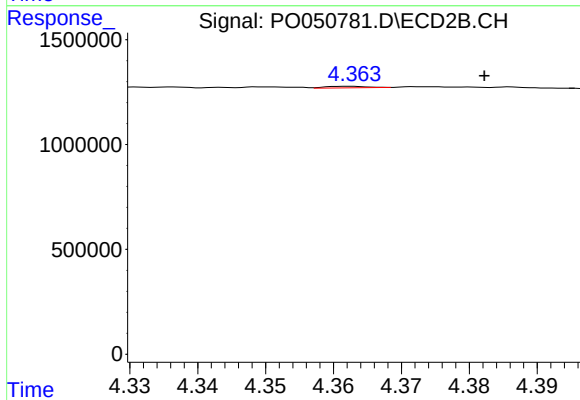
R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 29806
Conc: 5.08 ng/ml



#17 AR-1242-2

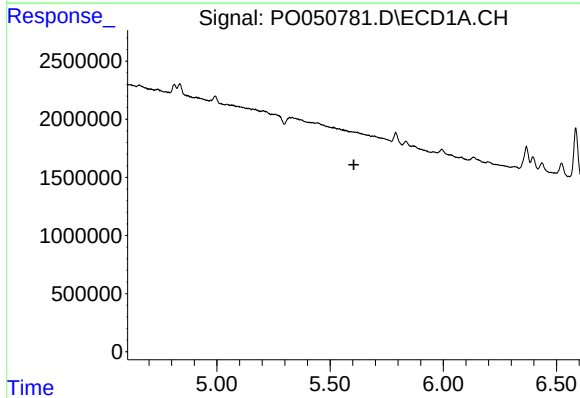
R.T.: 0.000 min
Exp R.T.: 5.543 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



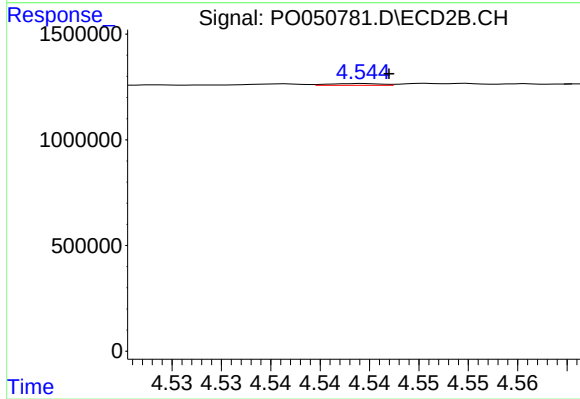
#17 AR-1242-2

R.T.: 4.362 min
Delta R.T.: -0.020 min
Response: 29806
Conc: 2.98 ng/ml



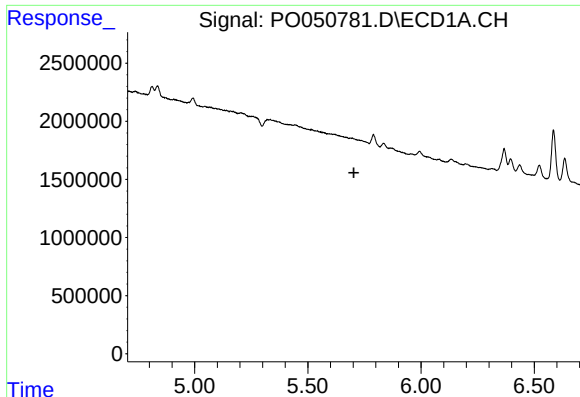
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.



#18 AR-1242-3

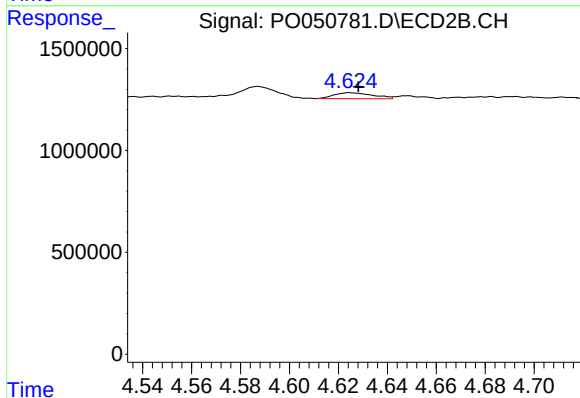
R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 31203
Conc: 6.18 ng/ml



#19 AR-1242-4

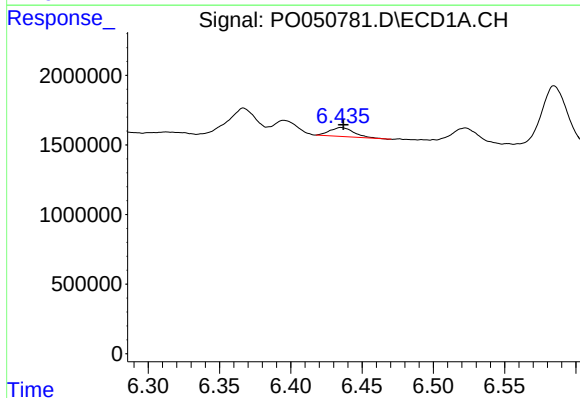
R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



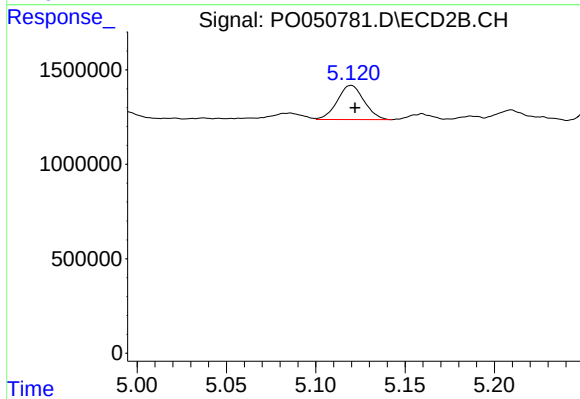
#19 AR-1242-4

R.T.: 4.625 min
Delta R.T.: -0.004 min
Response: 324616
Conc: 67.95 ng/ml



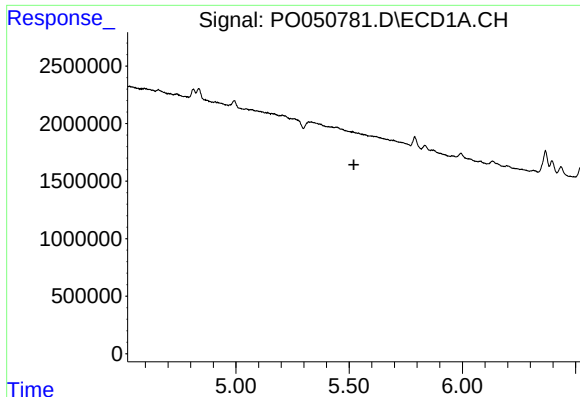
#20 AR-1242-5

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 722291
Conc: 77.44 ng/ml



#20 AR-1242-5

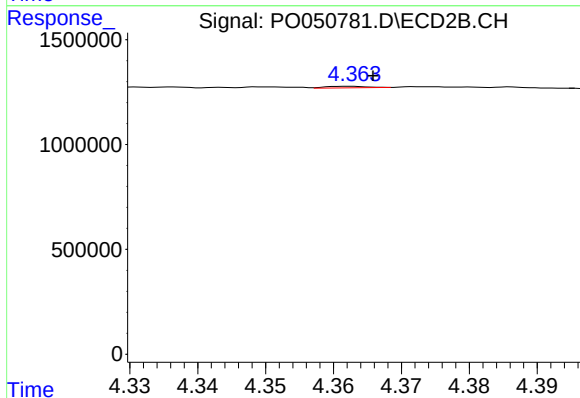
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1885264
Conc: 292.63 ng/ml



#21 AR-1248-1

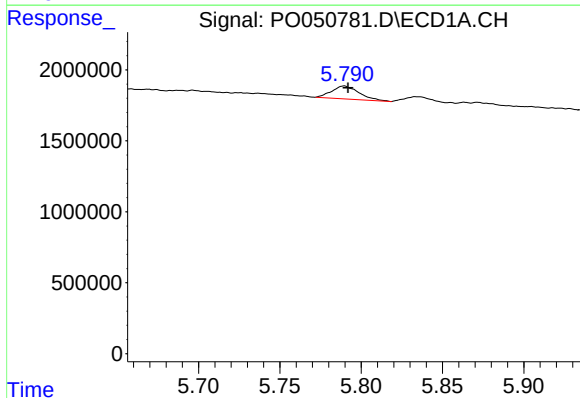
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



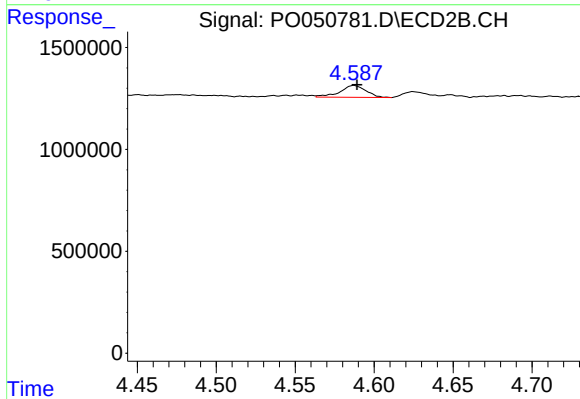
#21 AR-1248-1

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 29806
Conc: 6.46 ng/ml



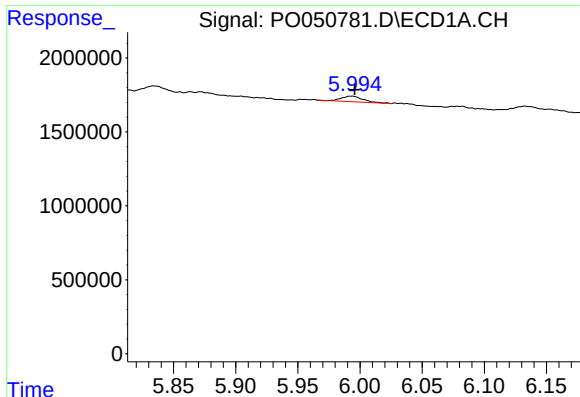
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 1061553
Conc: 81.95 ng/ml



#22 AR-1248-2

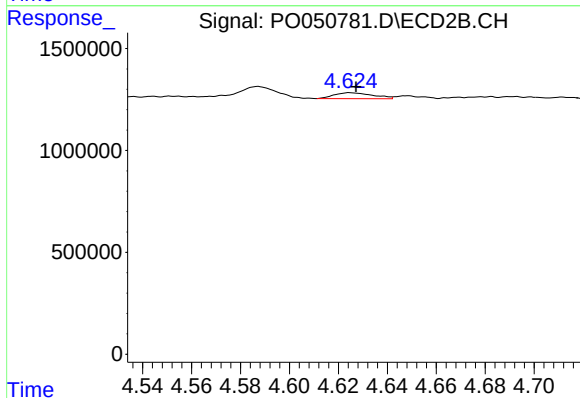
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 670216
Conc: 96.23 ng/ml



#23 AR-1248-3

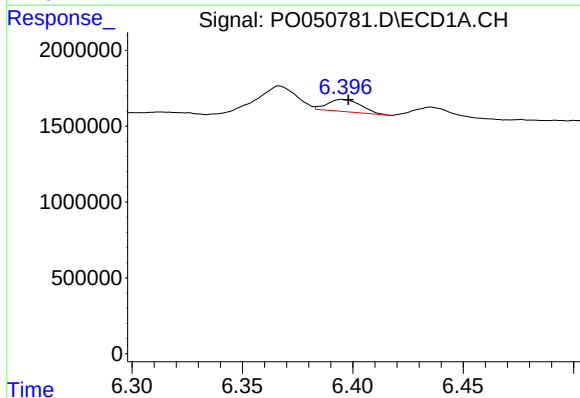
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 461243
Conc: 30.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



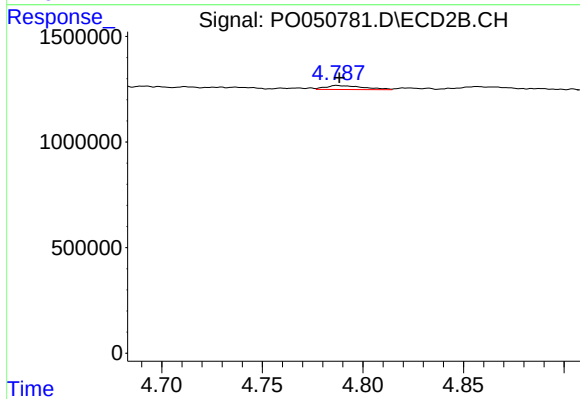
#23 AR-1248-3

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 324616
Conc: 46.44 ng/ml



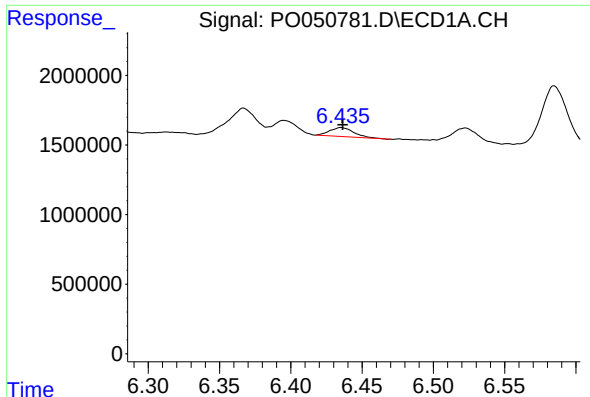
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 839230
Conc: 50.34 ng/ml



#24 AR-1248-4

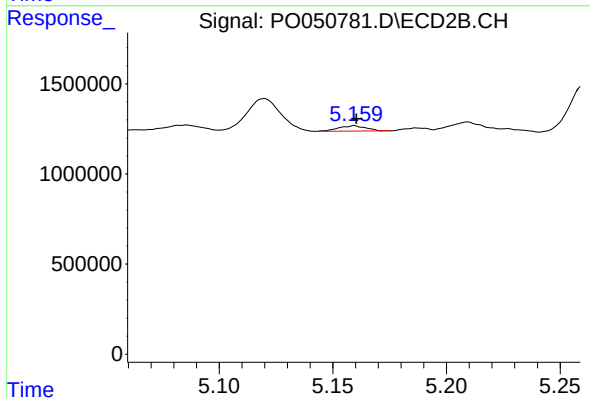
R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 248065
Conc: 26.58 ng/ml



#25 AR-1248-5

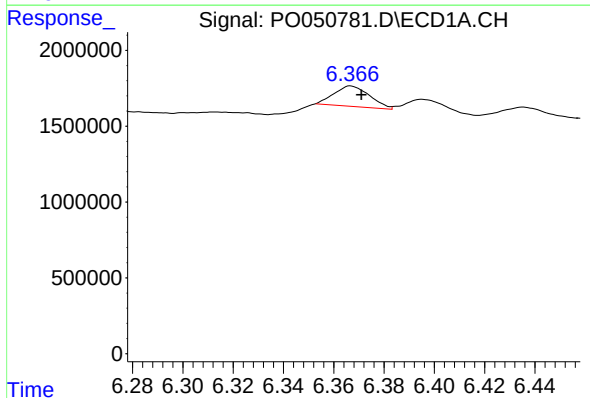
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 722291
Conc: 46.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



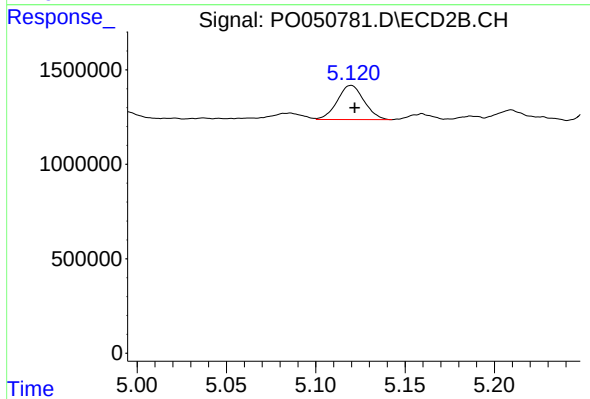
#25 AR-1248-5

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 245673
Conc: 25.55 ng/ml



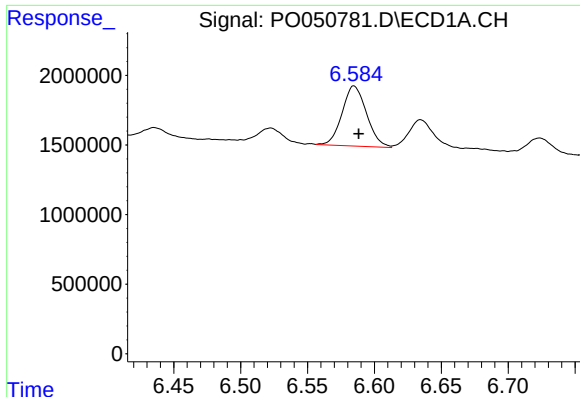
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 1322173
Conc: 60.21 ng/ml



#26 AR-1254-1

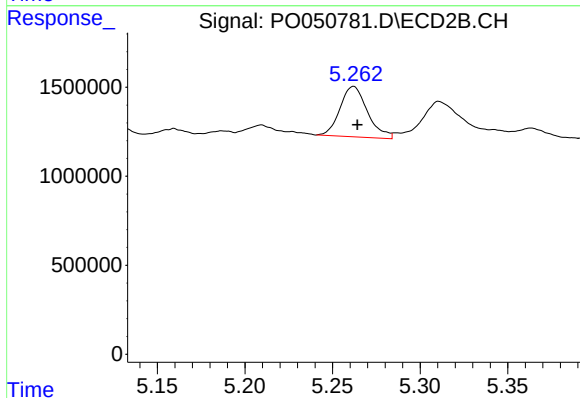
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1885264
Conc: 98.32 ng/ml



#27 AR-1254-2

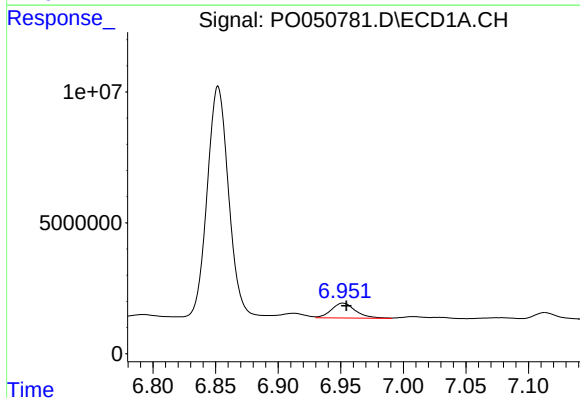
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 5513200
Conc: 163.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



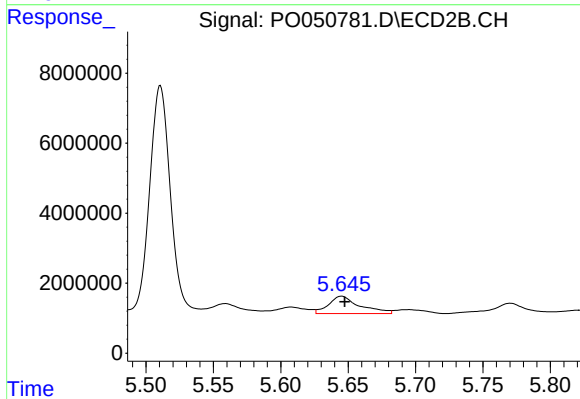
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 3093061
Conc: 178.18 ng/ml



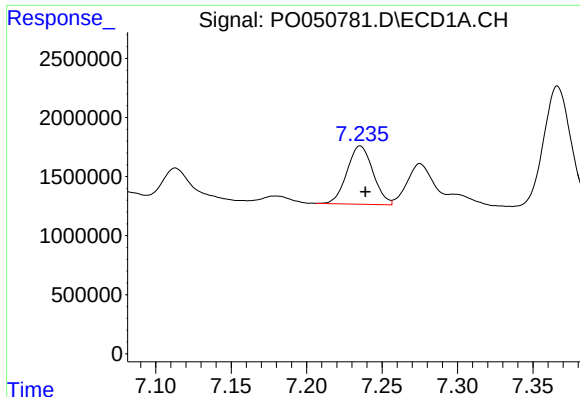
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.003 min
Response: 7676976
Conc: 220.46 ng/ml



#28 AR-1254-3

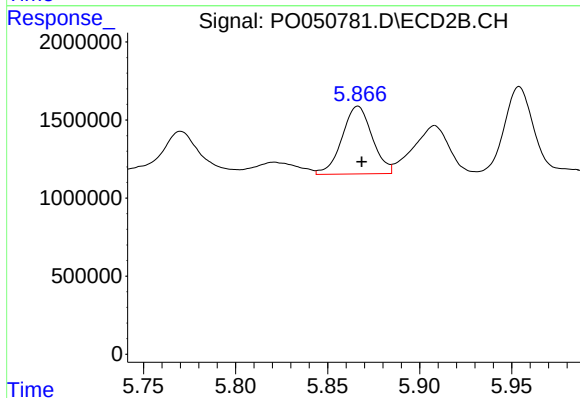
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 7999325
Conc: 282.62 ng/ml



#29 AR-1254-4

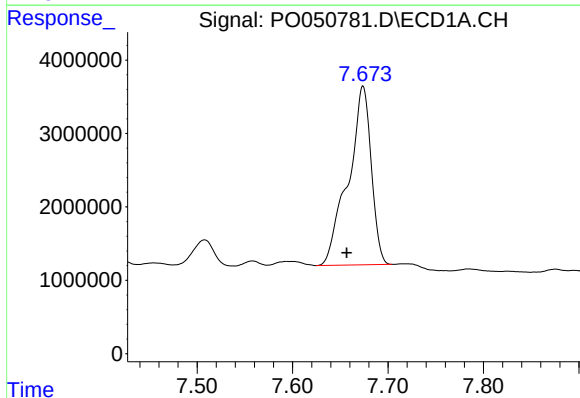
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 5903164
Conc: 255.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



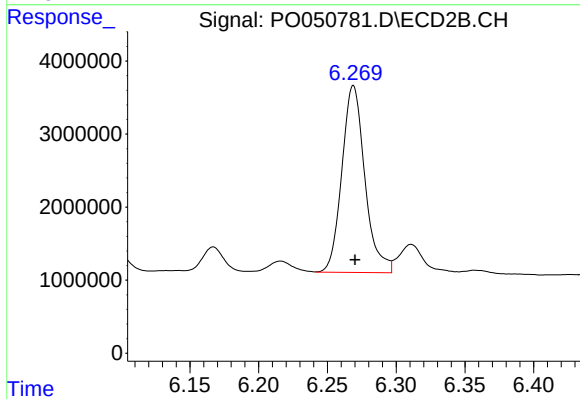
#29 AR-1254-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 4952924
Conc: 280.22 ng/ml



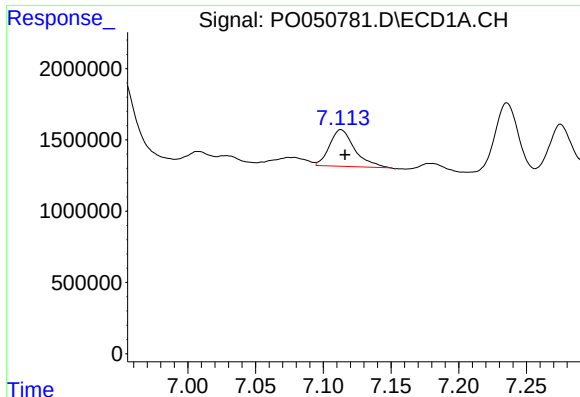
#30 AR-1254-5

R.T.: 7.674 min
Delta R.T.: 0.017 min
Response: 40675350
Conc: 1656.69 ng/ml



#30 AR-1254-5

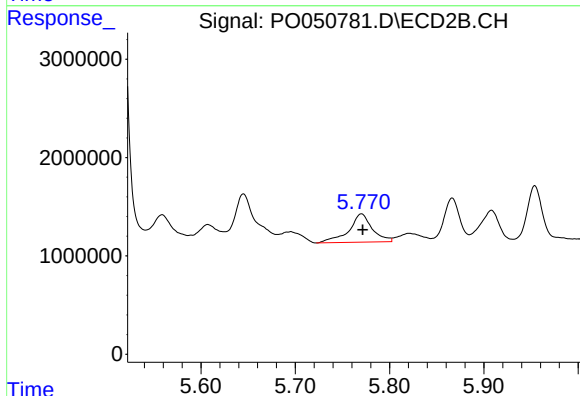
R.T.: 6.269 min
Delta R.T.: -0.001 min
Response: 29773345
Conc: 1113.59 ng/ml



#31 AR-1260-1

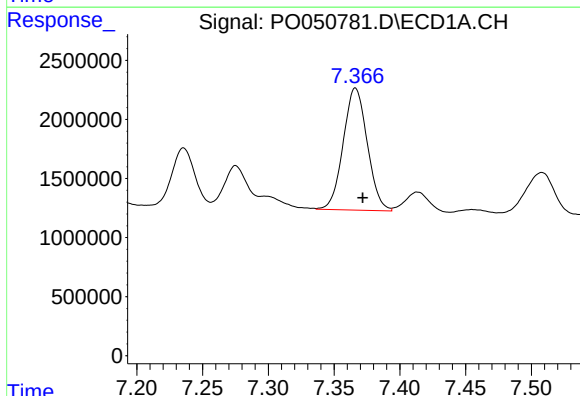
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 3271018
Conc: 127.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



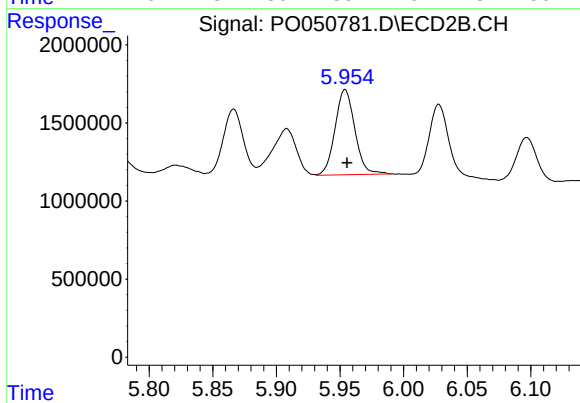
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 4969099
Conc: 240.33 ng/ml



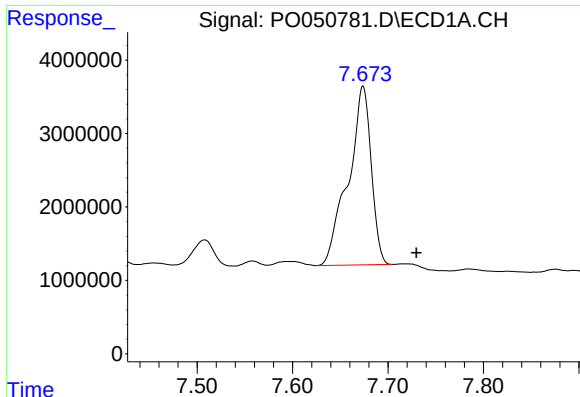
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.006 min
Response: 13164265
Conc: 445.00 ng/ml



#32 AR-1260-2

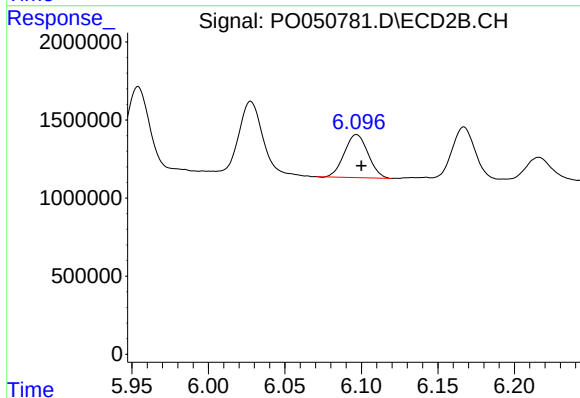
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 5896787
Conc: 205.35 ng/ml



#33 AR-1260-3

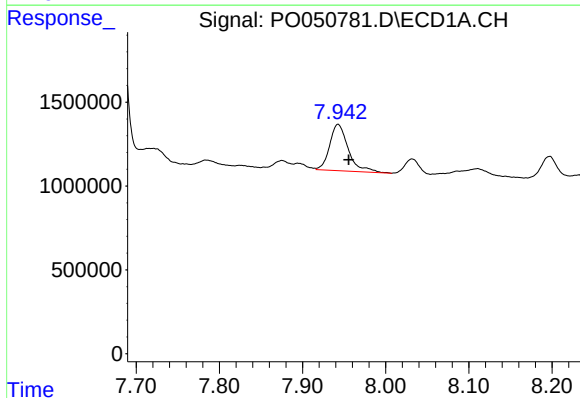
R.T.: 7.674 min
Delta R.T.: -0.056 min
Response: 40675350
Conc: 1919.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



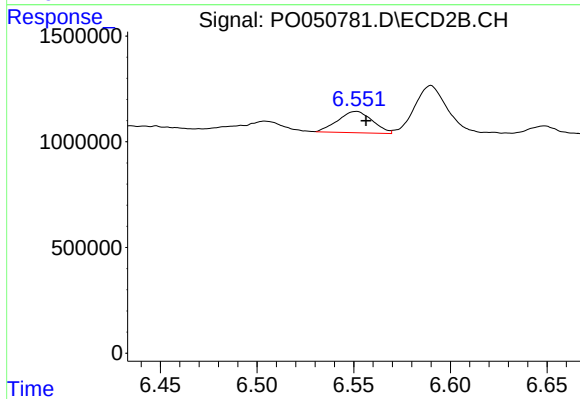
#33 AR-1260-3

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 2982326
Conc: 120.93 ng/ml



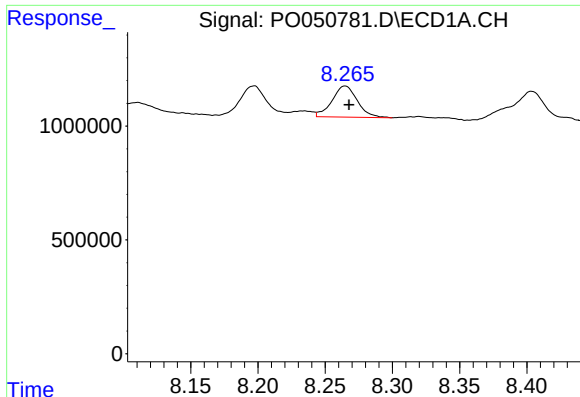
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.013 min
Response: 4299795
Conc: 187.90 ng/ml



#34 AR-1260-4

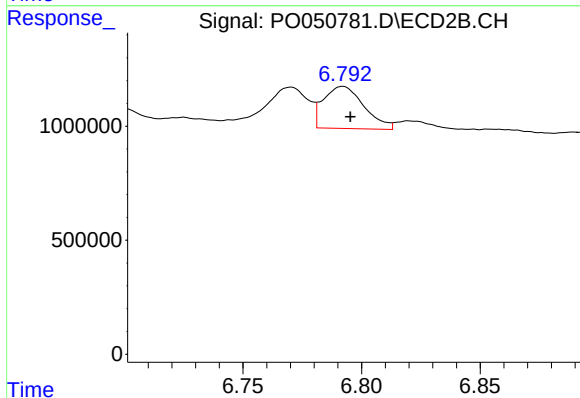
R.T.: 6.551 min
Delta R.T.: -0.005 min
Response: 1261434
Conc: 61.16 ng/ml



#35 AR-1260-5

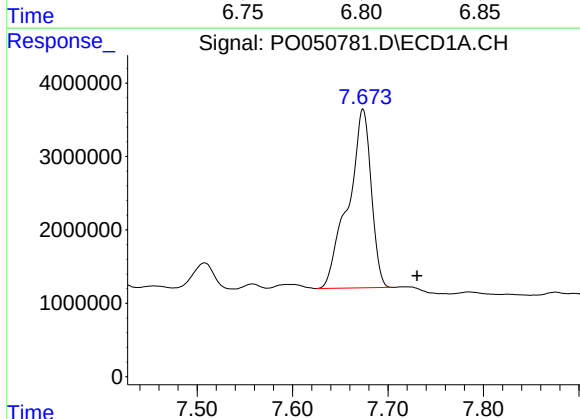
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 1786400
Conc: 40.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



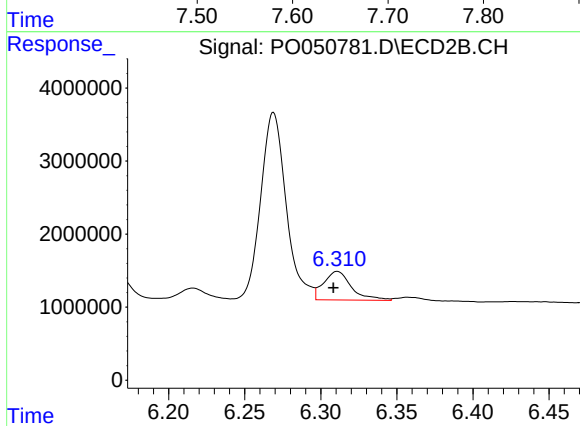
#35 AR-1260-5

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 2190775
Conc: 42.16 ng/ml



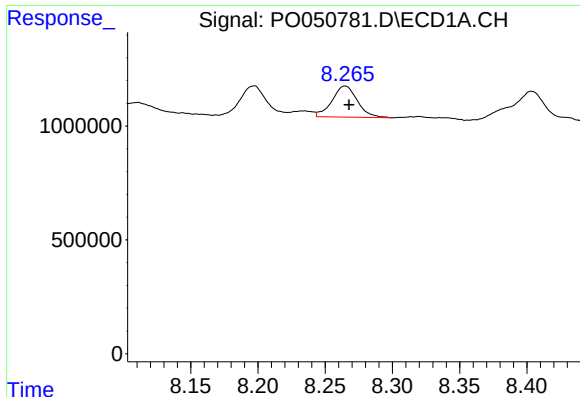
#36 AR-1262-1

R.T.: 7.674 min
Delta R.T.: -0.057 min
Response: 40675350
Conc: 1648.75 ng/ml



#36 AR-1262-1

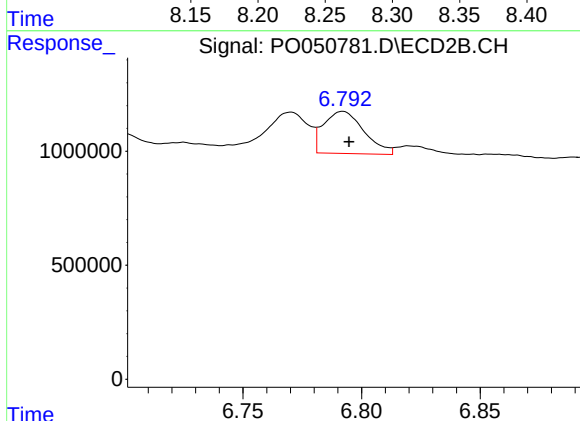
R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 5019825
Conc: 178.39 ng/ml



#37 AR-1262-2

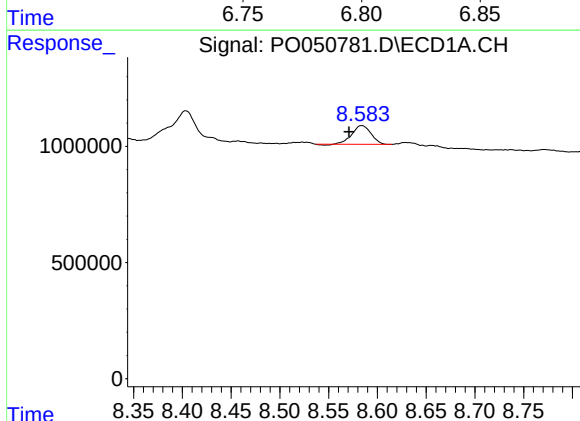
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 1786400
Conc: 45.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



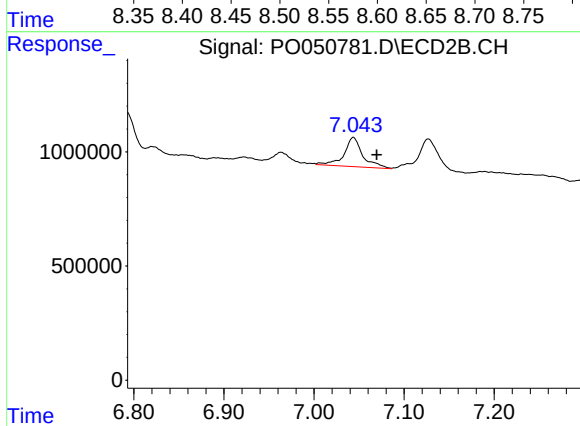
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 2190775
Conc: 48.77 ng/ml



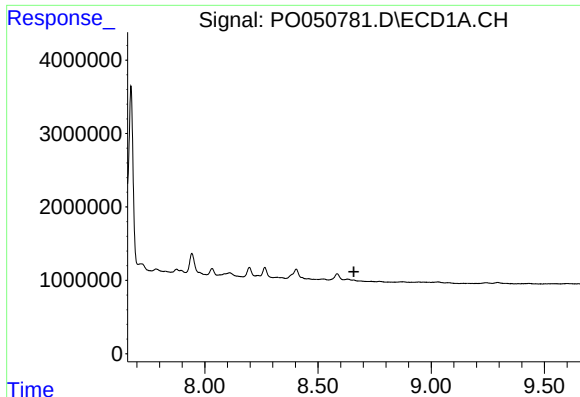
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.013 min
Response: 1093957
Conc: 43.30 ng/ml



#38 AR-1262-3

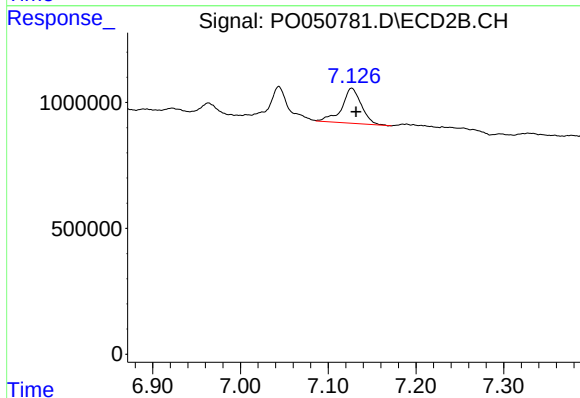
R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 1848589
Conc: 102.96 ng/ml



#39 AR-1262-4

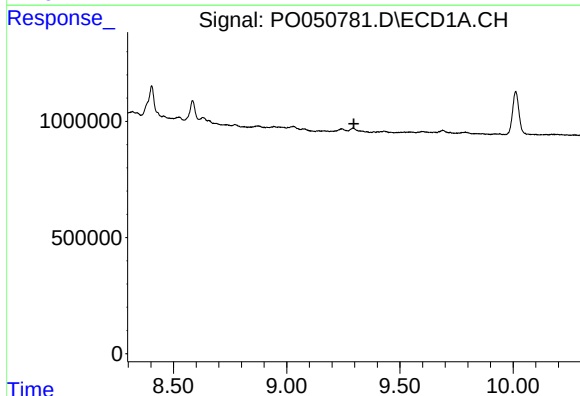
R.T.: 0.000 min
Exp R.T. : 8.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



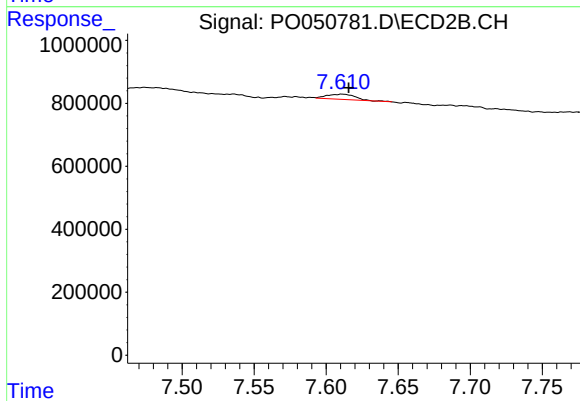
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 2172832
Conc: 73.86 ng/ml



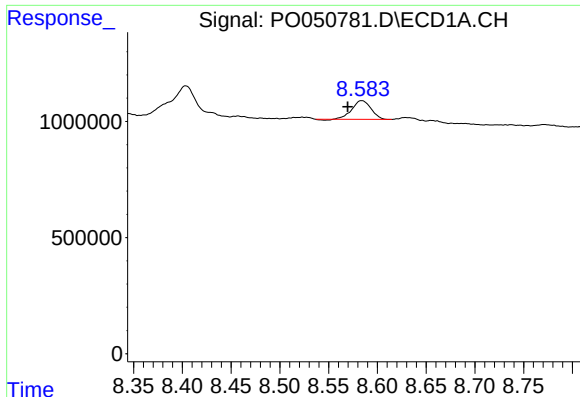
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.297 min
Response: 0
Conc: N.D.



#40 AR-1262-5

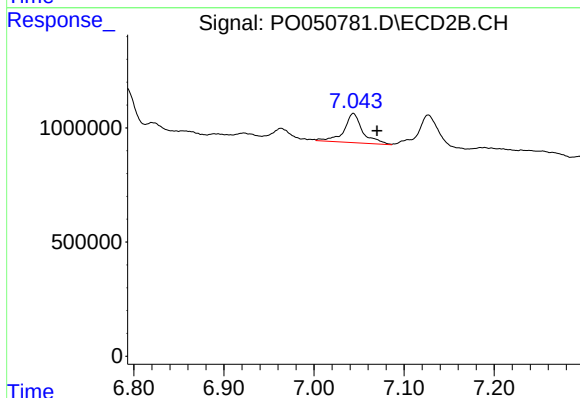
R.T.: 7.611 min
Delta R.T.: -0.004 min
Response: 209001
Conc: 18.01 ng/ml



#41 AR-1268-1

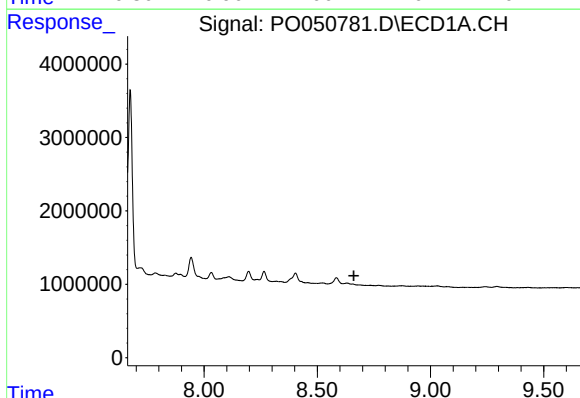
R.T.: 8.584 min
Delta R.T.: 0.014 min
Response: 1093957
Conc: 21.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



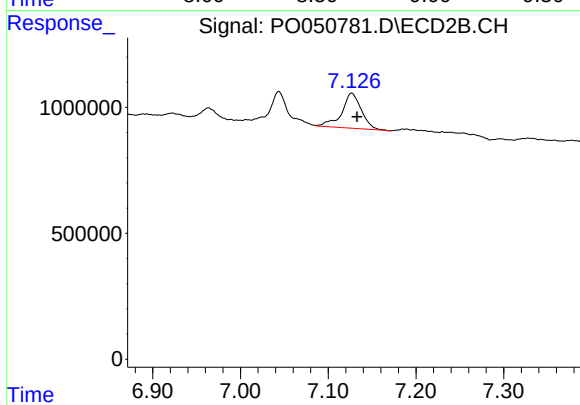
#41 AR-1268-1

R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 1848589
Conc: 33.56 ng/ml



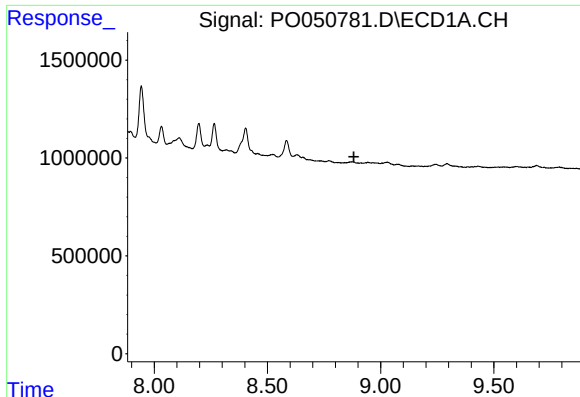
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.662 min
Response: 0
Conc: N.D.



#42 AR-1268-2

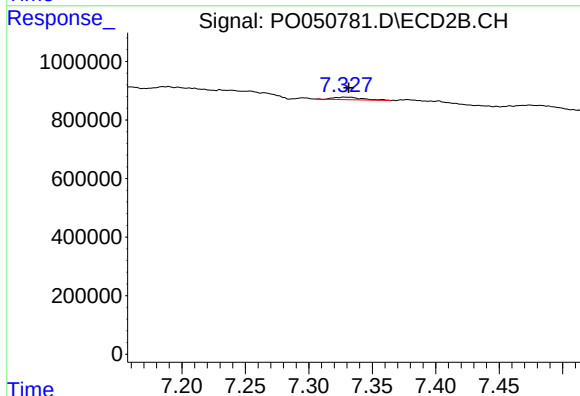
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 2172832
Conc: 45.58 ng/ml



#43 AR-1268-3

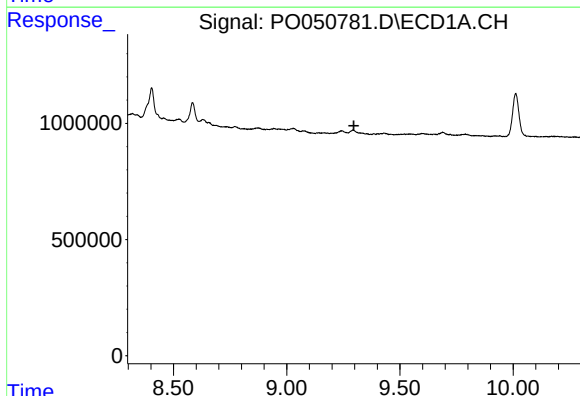
R.T.: 0.000 min
Exp R.T. : 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



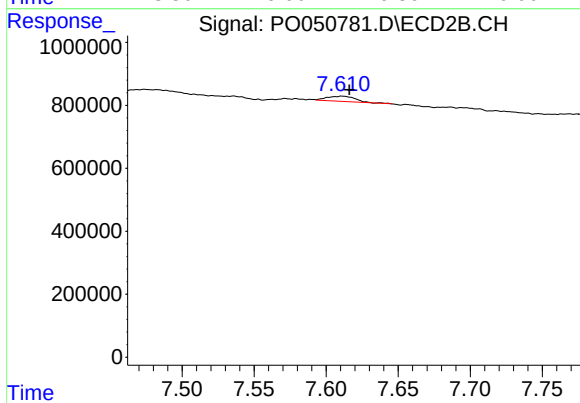
#43 AR-1268-3

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 128108
Conc: 2.97 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.296 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 209001
Conc: 14.96 ng/ml