

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050760.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 14:54
 Operator : SM/SJ
 Sample : J5613-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 181Q-27C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 00:50:30 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...	4.354	3.347	8046898	3460892	16.098	15.923
2)	SA Decachlor...	10.015	8.094	2483094	1882488	7.989	7.360
Target Compounds							
3)	L1 AR-1016-1	0.000	4.352	0	42093	N.D.	4.581 #
4)	L1 AR-1016-2	0.000	4.352	0	42093	N.D.	2.716 #
5)	L1 AR-1016-3	0.000	4.553	0	20713	N.D.	2.586 #
6)	L1 AR-1016-4	0.000	4.562	0	37723	N.D.	6.200 #
7)	L1 AR-1016-5	0.000	4.804	0	105599	N.D.	12.237 #
9)	L2 AR-1221-2	0.000	3.626	0	68455	N.D.	53.789 #
10)	L2 AR-1221-3	4.742	3.699	324429	164569	27.267	38.481 #
11)	L3 AR-1232-1	4.742	3.699	324429	164569	37.900	41.167
12)	L3 AR-1232-2	5.317	4.352	349255	42093	74.950	8.799 #
13)	L3 AR-1232-3	0.000	4.553	0	20713	N.D.	7.943 #
14)	L3 AR-1232-4	0.000	4.626	0	150336	N.D.	67.438 #
15)	L3 AR-1232-5	0.000	4.804	0	105599	N.D.	39.703 #
16)	L4 AR-1242-1	0.000	4.352	0	42093	N.D.	7.172 #
17)	L4 AR-1242-2	0.000	4.352	0	42093	N.D.	4.213 #
18)	L4 AR-1242-3	0.000	4.553	0	20713	N.D.	4.102 #
19)	L4 AR-1242-4	0.000	4.626	0	150336	N.D.	31.471 #
20)	L4 AR-1242-5	0.000	5.122	0	192250	N.D.	29.841 #
21)	L5 AR-1248-1	0.000	4.352	0	42093	N.D.	9.124 #
22)	L5 AR-1248-2	0.000	4.562	0	37723	N.D.	5.416 #
23)	L5 AR-1248-3	0.000	4.626	0	150336	N.D.	21.507 #
24)	L5 AR-1248-4	0.000	4.804	0	105599	N.D.	11.317 #
25)	L5 AR-1248-5	0.000	5.162	0	10934	N.D.	1.137 #
26)	L6 AR-1254-1	0.000	5.122	0	192250	N.D.	10.027 #
27)	L6 AR-1254-2	6.586	5.260	790270	684458	23.374	39.429 #
28)	L6 AR-1254-3	6.961	5.644	1580540	2329576	45.388	82.305 #
29)	L6 AR-1254-4	7.237	5.865	582230	1249022	25.172	70.665 #
30)	L6 AR-1254-5	7.675	6.269	30820735	21627652	1255.315	808.926 #
31)	L7 AR-1260-1	0.000	5.769	0	2415708	N.D.	116.838 #
32)	L7 AR-1260-2	7.364	5.955	8413322	747704	284.402	26.038 #
33)	L7 AR-1260-3	7.675	6.094	30820735	438138	1454.261	17.767 #
34)	L7 AR-1260-4	7.945	6.547	456208	540189	19.937	26.190 #
35)	L7 AR-1260-5	0.000	6.794	0	780076	N.D.	15.012 #
36)	L8 AR-1262-1	7.675	6.311	30820735	2285963	1249.297	81.236 #
37)	L8 AR-1262-2	0.000	6.794	0	780076	N.D.	17.365 #
38)	L8 AR-1262-3	0.000	7.044	0	976845	N.D.	54.408 #
39)	L8 AR-1262-4	0.000	7.128	0	996309	N.D.	33.866 #
40)	L8 AR-1262-5	0.000	7.603	0	25174	N.D.	2.169 #
41)	L9 AR-1268-1	0.000	7.044	0	976845	N.D.	17.736 #
42)	L9 AR-1268-2	0.000	7.128	0	996309	N.D.	20.902 #

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
181Q-27C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 00:50:30 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
43)	L9 AR-1268-3	0.000	7.302	0	31414	N.D.	0.729 #
44)	L9 AR-1268-4	0.000	7.603	0	25174	N.D.	1.802 #

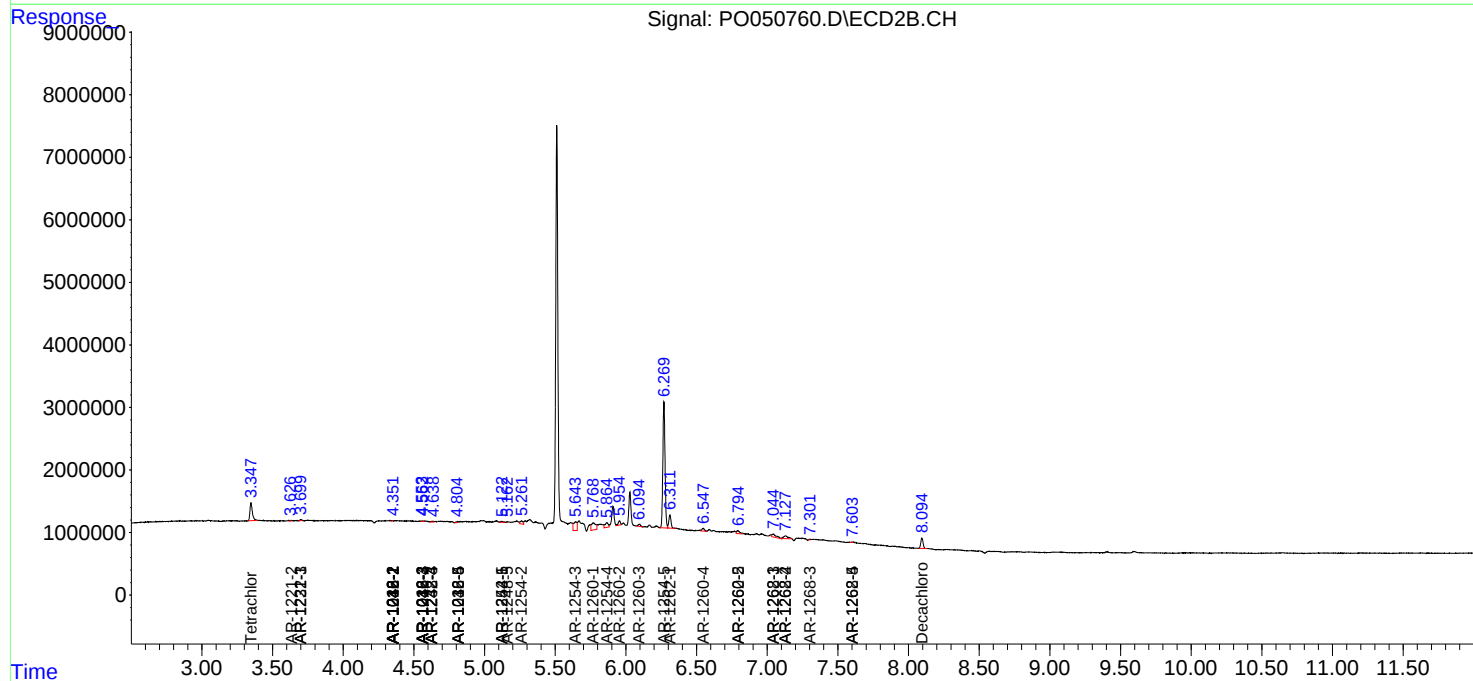
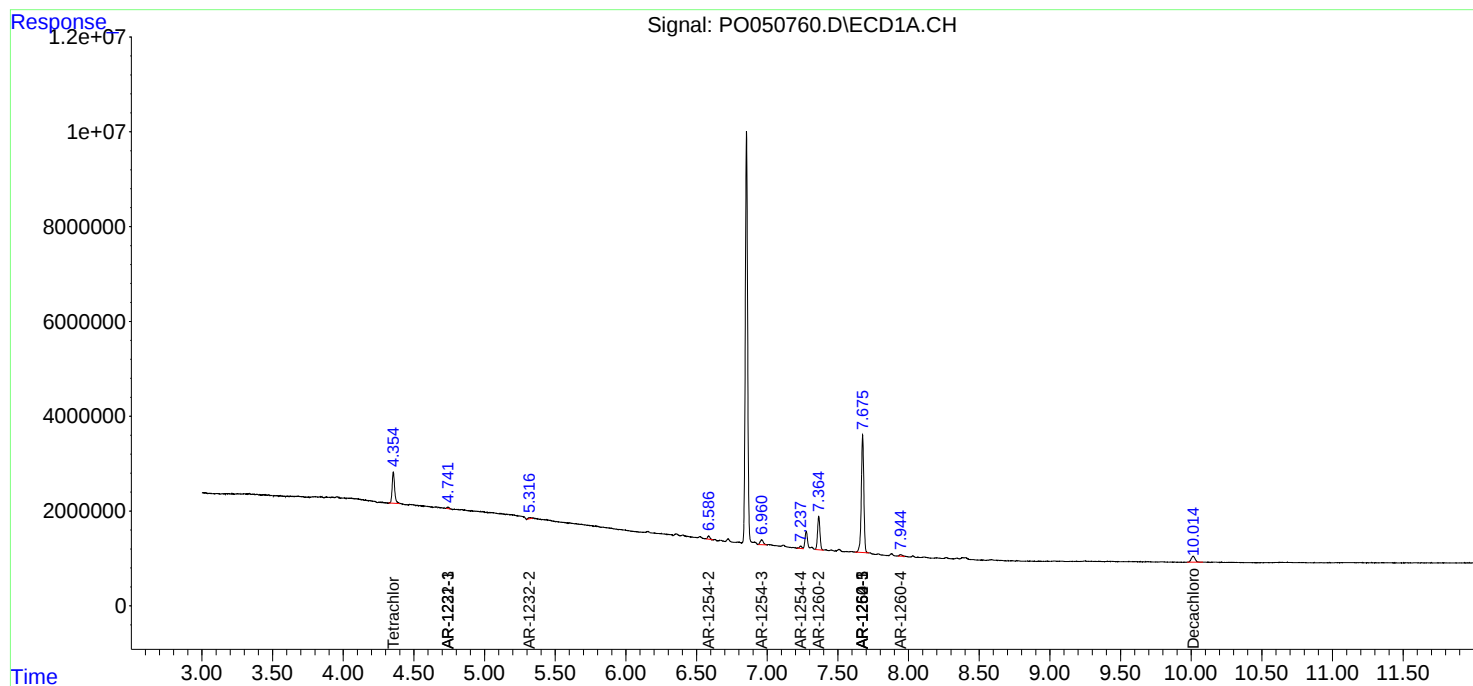
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

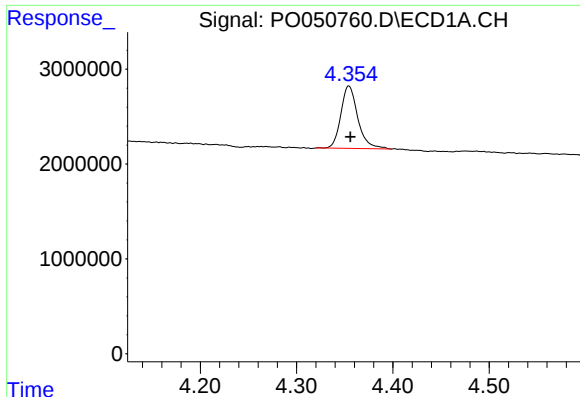
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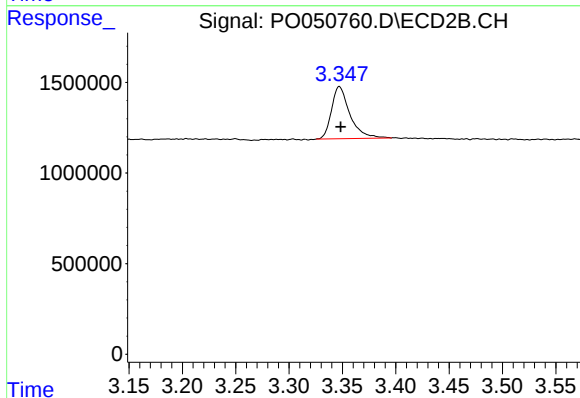




#1 Tetrachloro-m-xylene

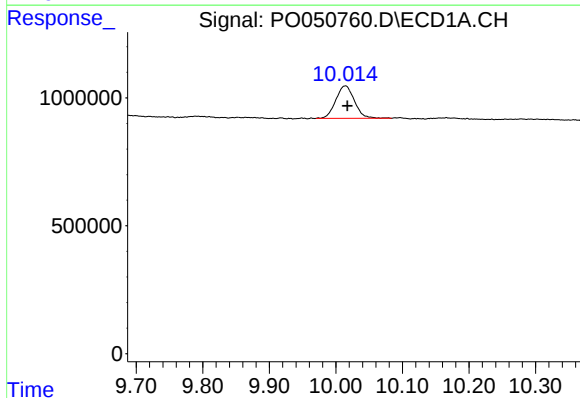
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 8046898
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



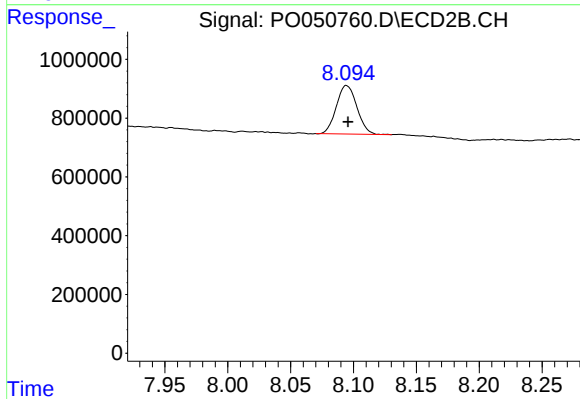
#1 Tetrachloro-m-xylene

R.T.: 3.347 min
Delta R.T.: -0.001 min
Response: 3460892
Conc: 15.92 ng/ml



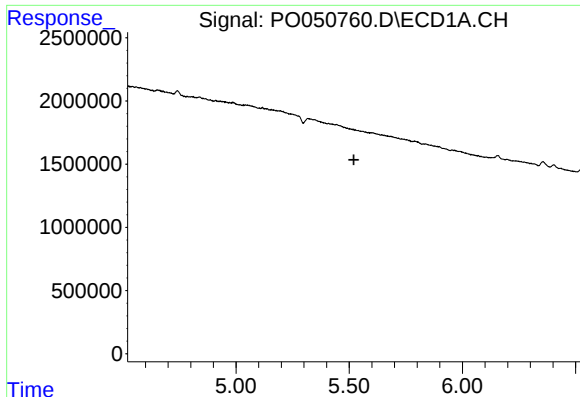
#2 Decachlorobiphenyl

R.T.: 10.015 min
Delta R.T.: -0.003 min
Response: 2483094
Conc: 7.99 ng/ml



#2 Decachlorobiphenyl

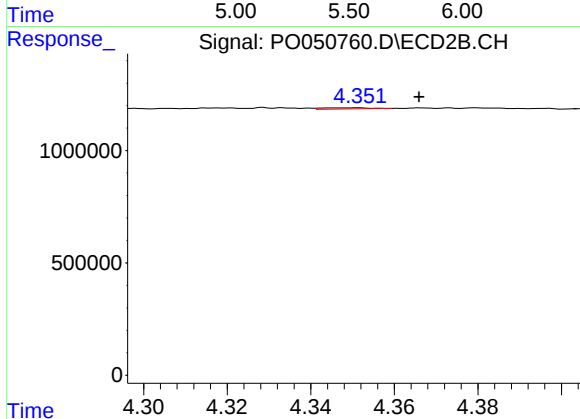
R.T.: 8.094 min
Delta R.T.: -0.001 min
Response: 1882488
Conc: 7.36 ng/ml



#3 AR-1016-1

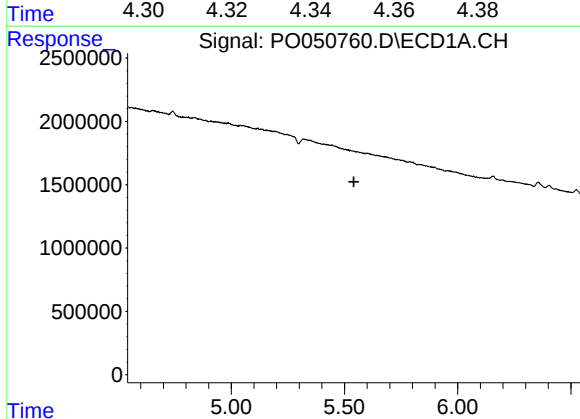
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



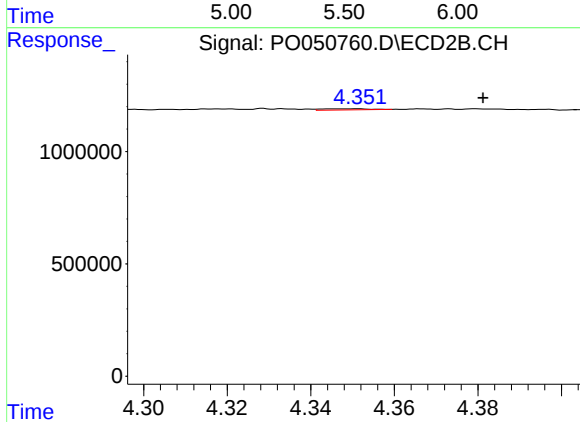
#3 AR-1016-1

R.T.: 4.352 min
Delta R.T.: -0.014 min
Response: 42093
Conc: 4.58 ng/ml



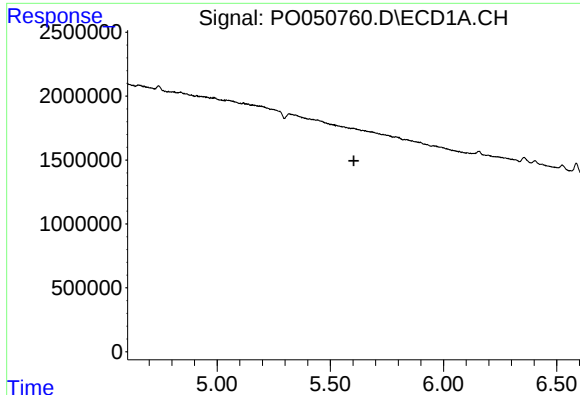
#4 AR-1016-2

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



#4 AR-1016-2

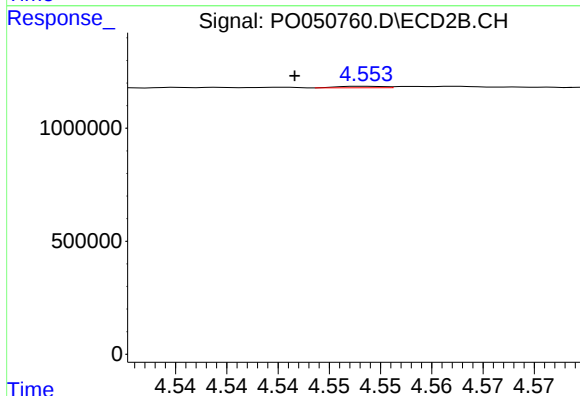
R.T.: 4.352 min
Delta R.T.: -0.030 min
Response: 42093
Conc: 2.72 ng/ml



#5 AR-1016-3

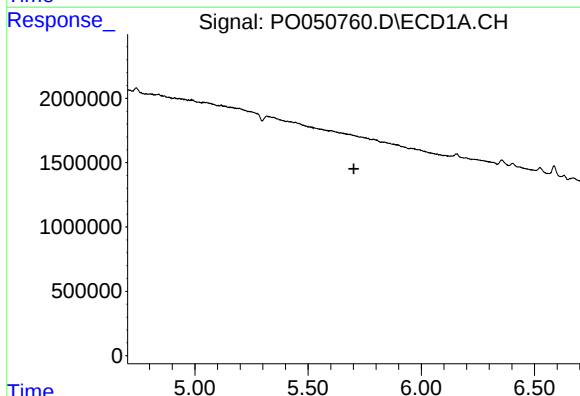
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



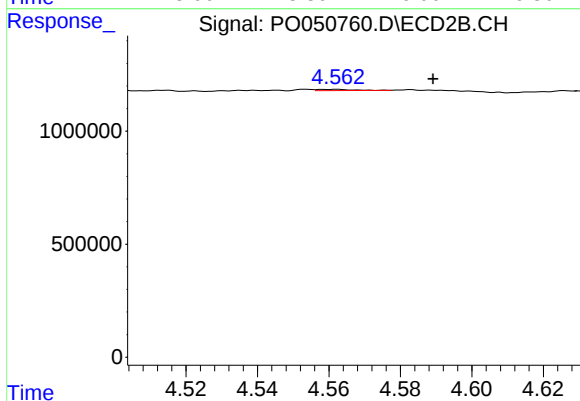
#5 AR-1016-3

R.T.: 4.553 min
Delta R.T.: 0.007 min
Response: 20713
Conc: 2.59 ng/ml



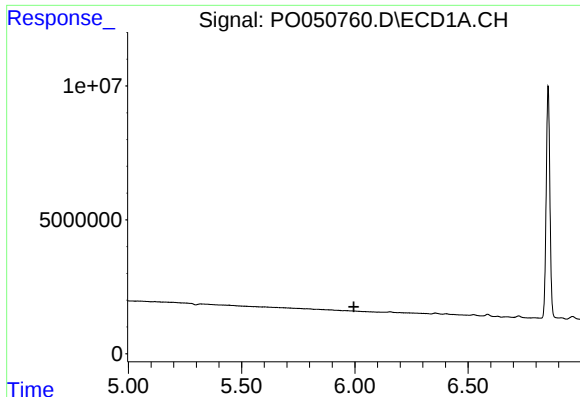
#6 AR-1016-4

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



#6 AR-1016-4

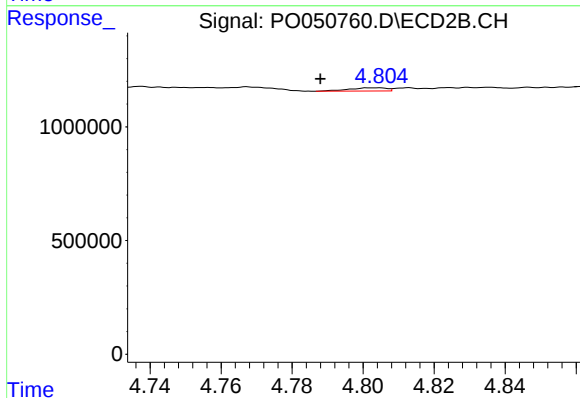
R.T.: 4.562 min
Delta R.T.: -0.027 min
Response: 37723
Conc: 6.20 ng/ml



#7 AR-1016-5

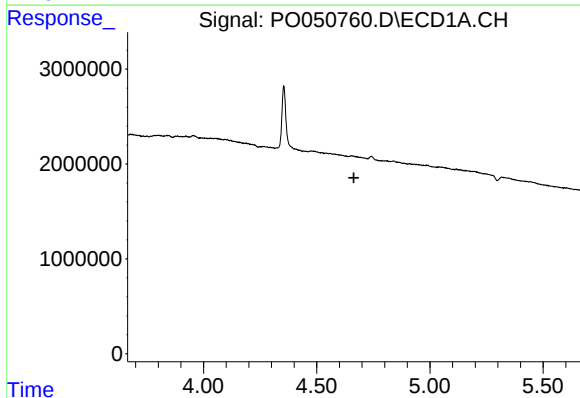
R.T.: 0.000 min
Exp R.T.: 5.995 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



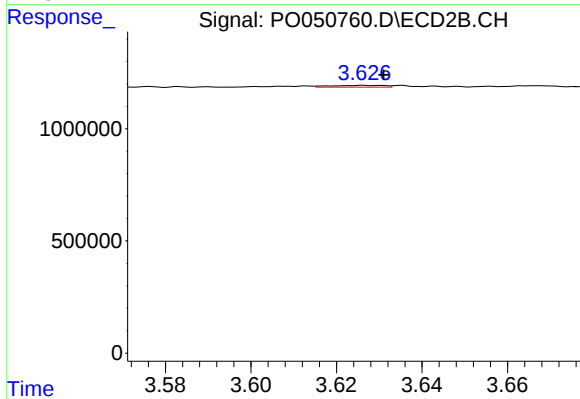
#7 AR-1016-5

R.T.: 4.804 min
Delta R.T.: 0.016 min
Response: 105599
Conc: 12.24 ng/ml



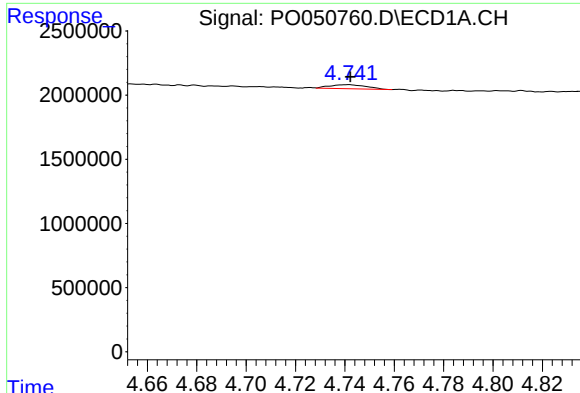
#9 AR-1221-2

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



#9 AR-1221-2

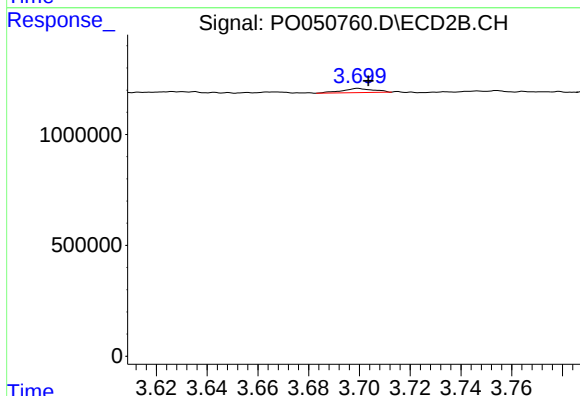
R.T.: 3.626 min
Delta R.T.: -0.005 min
Response: 68455
Conc: 53.79 ng/ml



#10 AR-1221-3

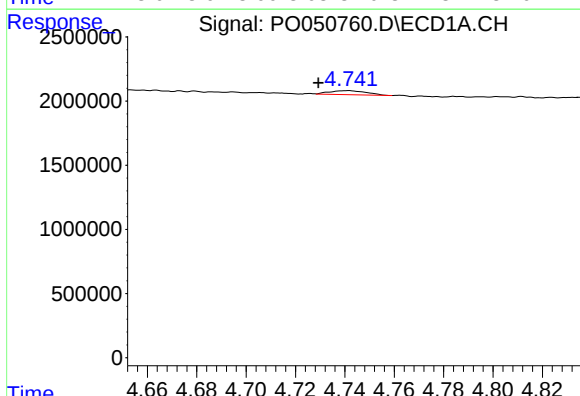
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 324429
Conc: 27.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



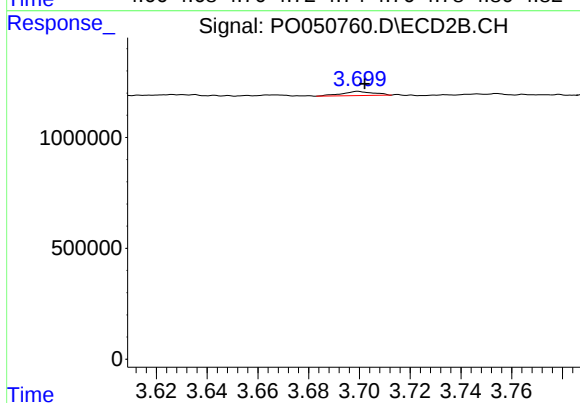
#10 AR-1221-3

R.T.: 3.699 min
Delta R.T.: -0.004 min
Response: 164569
Conc: 38.48 ng/ml



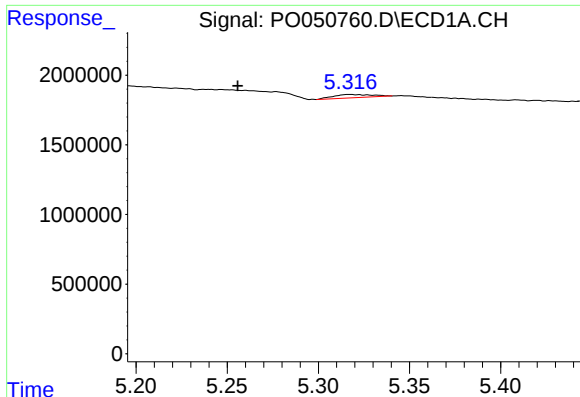
#11 AR-1232-1

R.T.: 4.742 min
Delta R.T.: 0.012 min
Response: 324429
Conc: 37.90 ng/ml



#11 AR-1232-1

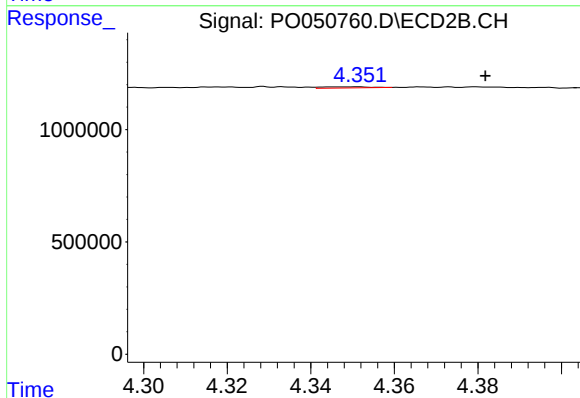
R.T.: 3.699 min
Delta R.T.: -0.003 min
Response: 164569
Conc: 41.17 ng/ml



#12 AR-1232-2

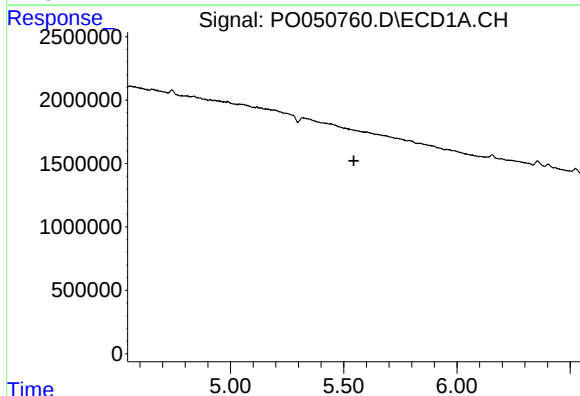
R.T.: 5.317 min
Delta R.T.: 0.061 min
Response: 349255
Conc: 74.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



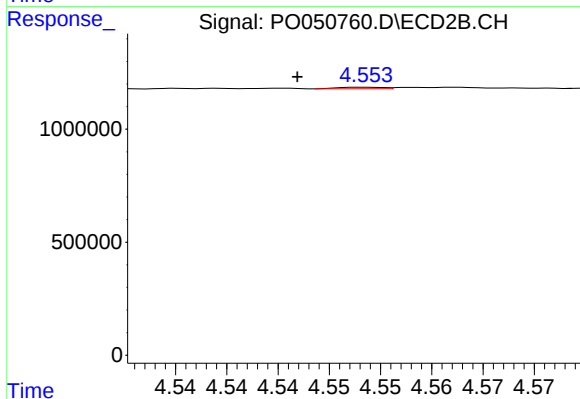
#12 AR-1232-2

R.T.: 4.352 min
Delta R.T.: -0.030 min
Response: 42093
Conc: 8.80 ng/ml



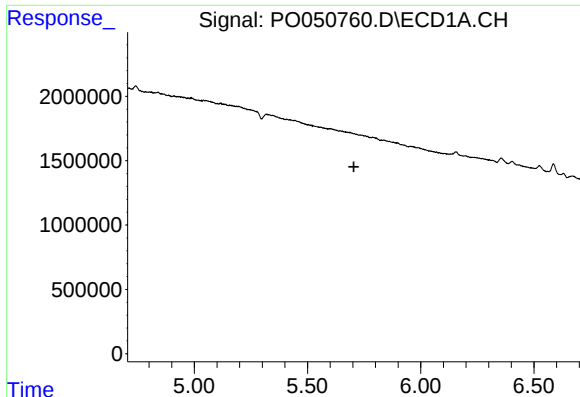
#13 AR-1232-3

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



#13 AR-1232-3

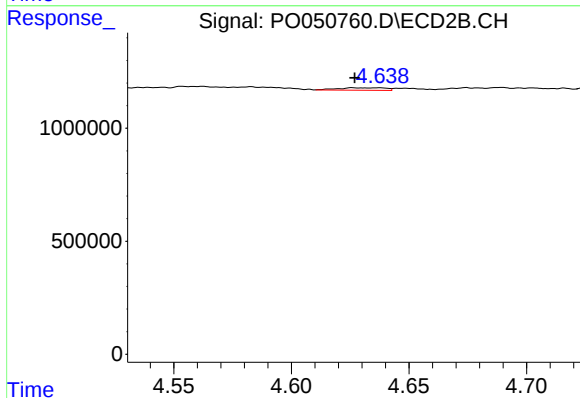
R.T.: 4.553 min
Delta R.T.: 0.006 min
Response: 20713
Conc: 7.94 ng/ml



#14 AR-1232-4

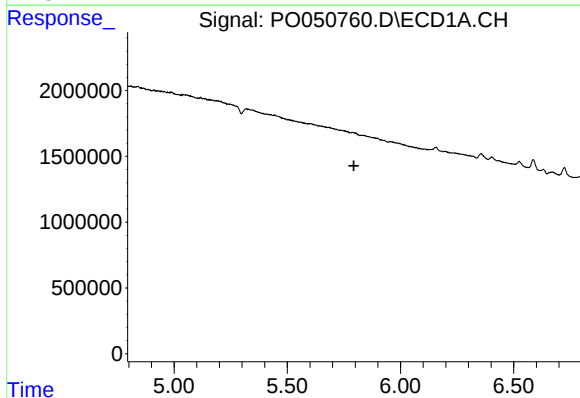
R.T.: 0.000 min
Exp R.T. : 5.705 min
Response: 0
Conc: N.D.

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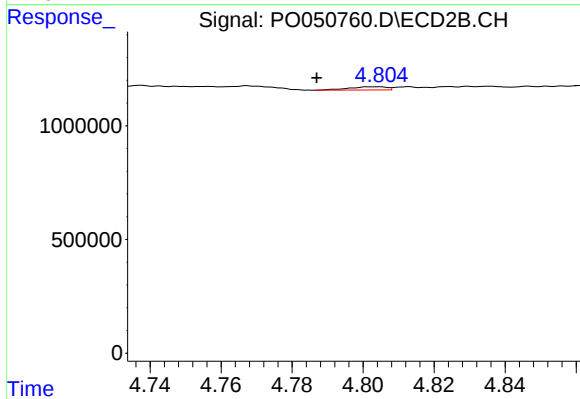
#14 AR-1232-4

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 150336
Conc: 67.44 ng/ml



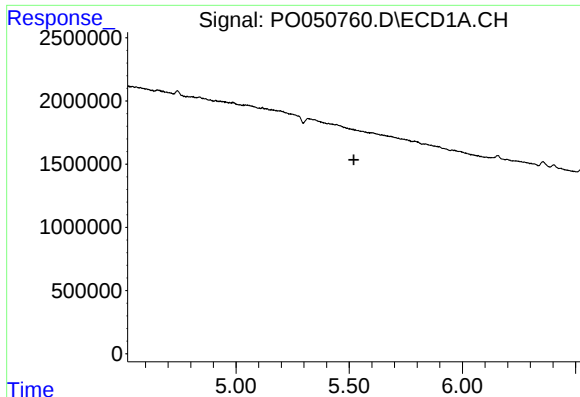
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.794 min
Response: 0
Conc: N.D.



#15 AR-1232-5

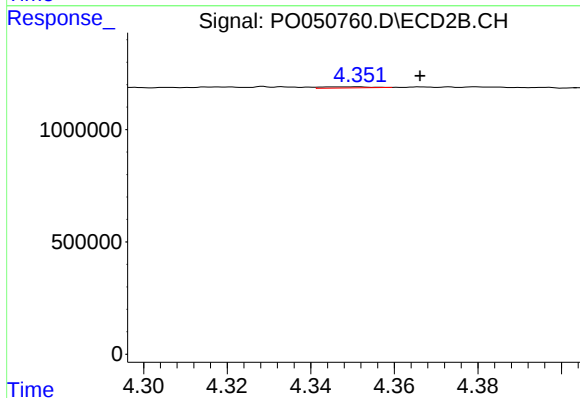
R.T.: 4.804 min
Delta R.T.: 0.017 min
Response: 105599
Conc: 39.70 ng/ml



#16 AR-1242-1

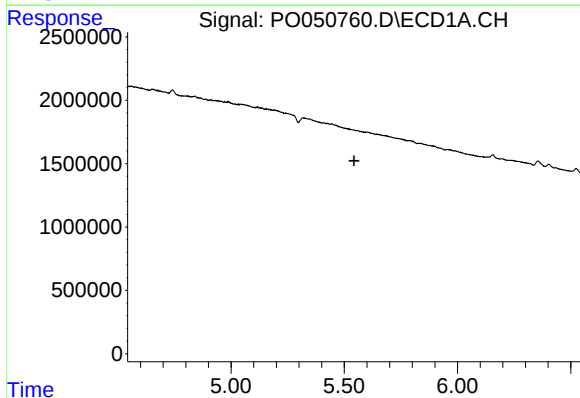
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
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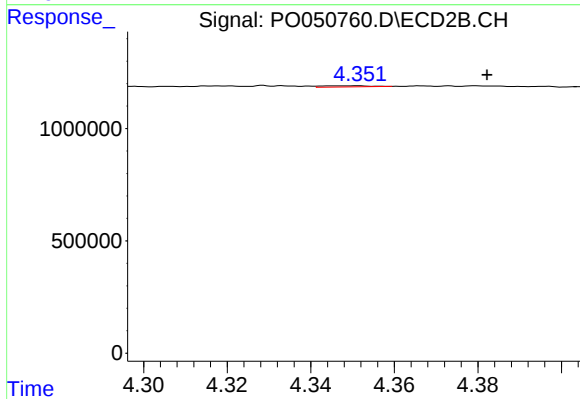
#16 AR-1242-1

R.T.: 4.352 min
Delta R.T.: -0.015 min
Response: 42093
Conc: 7.17 ng/ml



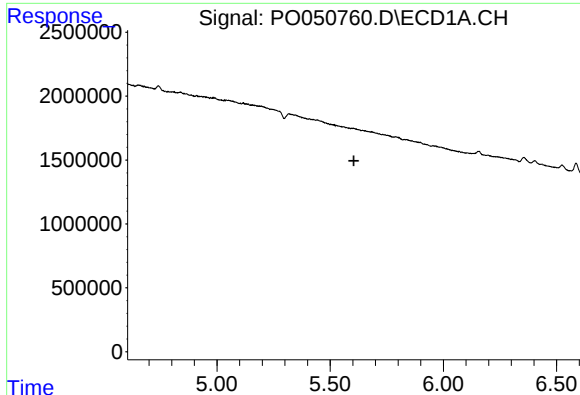
#17 AR-1242-2

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



#17 AR-1242-2

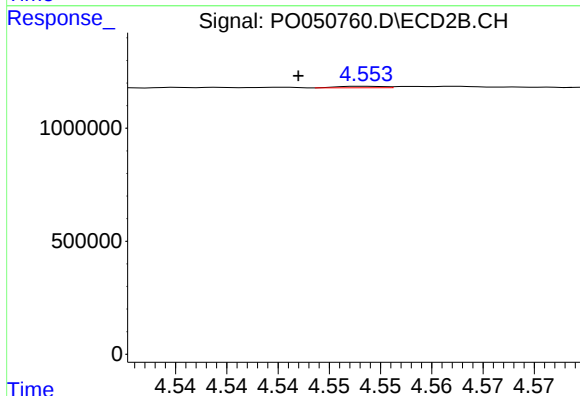
R.T.: 4.352 min
Delta R.T.: -0.031 min
Response: 42093
Conc: 4.21 ng/ml



#18 AR-1242-3

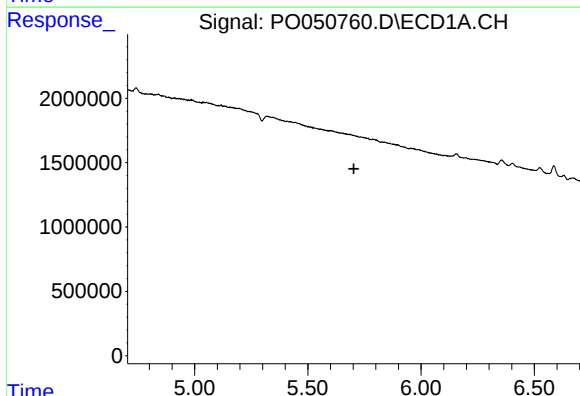
R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



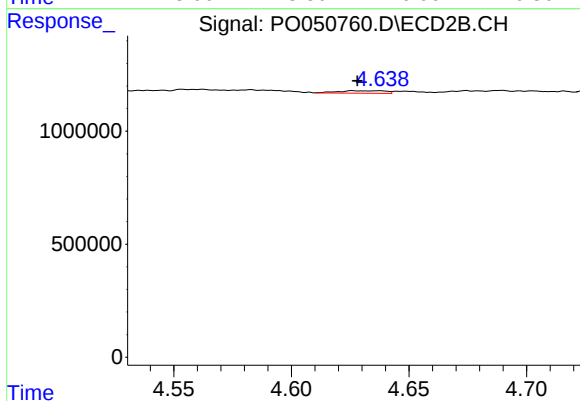
#18 AR-1242-3

R.T.: 4.553 min
Delta R.T.: 0.006 min
Response: 20713
Conc: 4.10 ng/ml



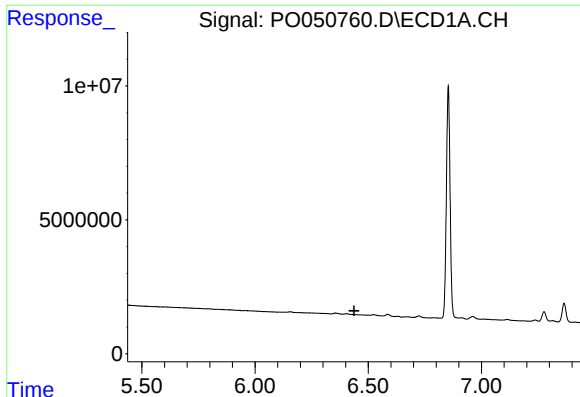
#19 AR-1242-4

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



#19 AR-1242-4

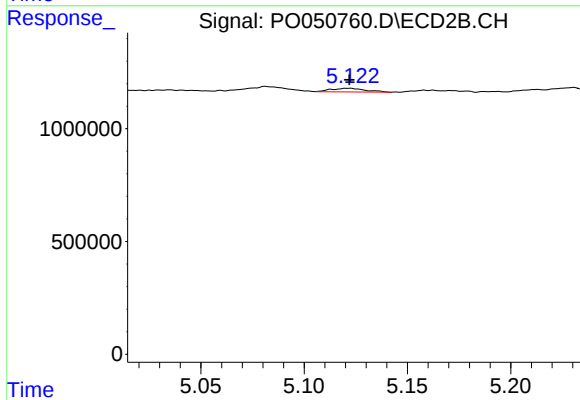
R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 150336
Conc: 31.47 ng/ml



#20 AR-1242-5

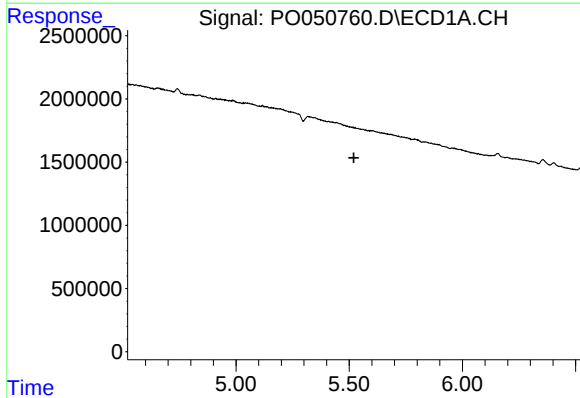
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



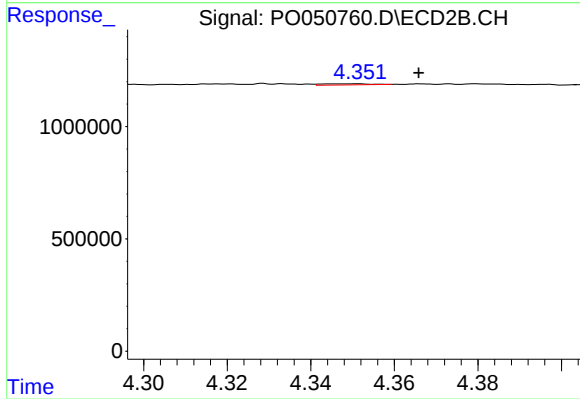
#20 AR-1242-5

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 192250
Conc: 29.84 ng/ml



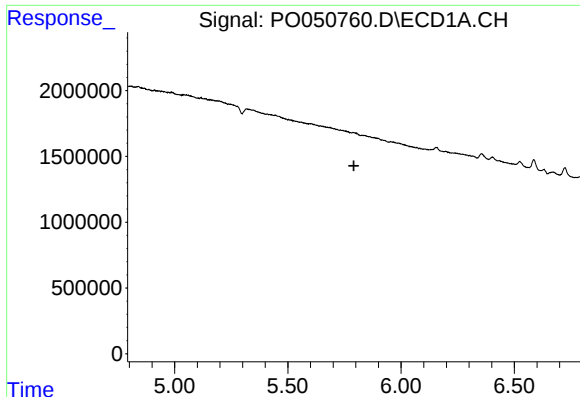
#21 AR-1248-1

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



#21 AR-1248-1

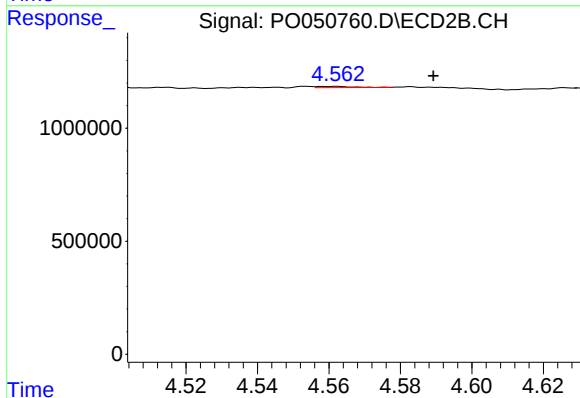
R.T.: 4.352 min
Delta R.T.: -0.014 min
Response: 42093
Conc: 9.12 ng/ml



#22 AR-1248-2

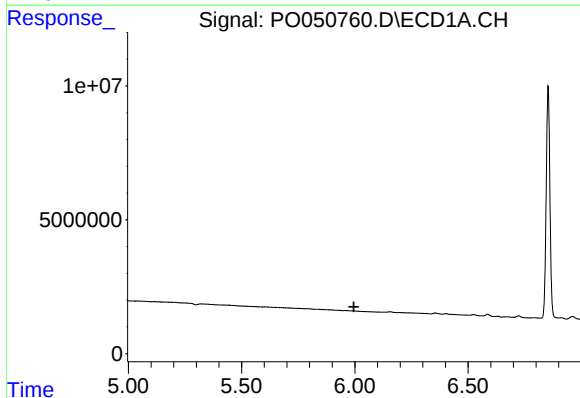
R.T.: 0.000 min
Exp R.T.: 5.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



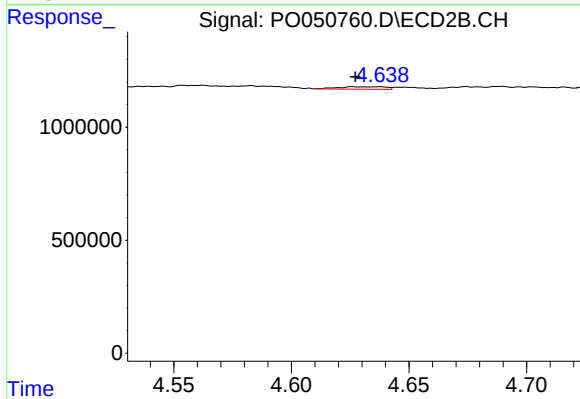
#22 AR-1248-2

R.T.: 4.562 min
Delta R.T.: -0.027 min
Response: 37723
Conc: 5.42 ng/ml



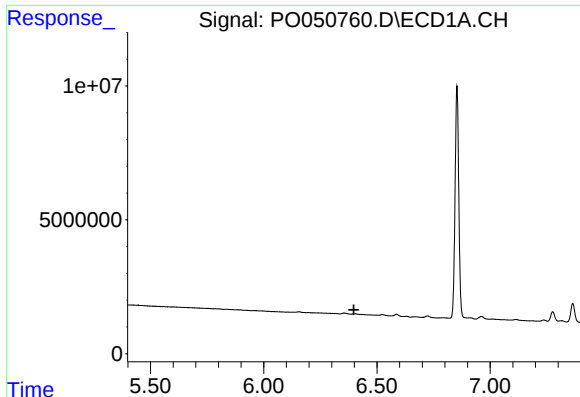
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.



#23 AR-1248-3

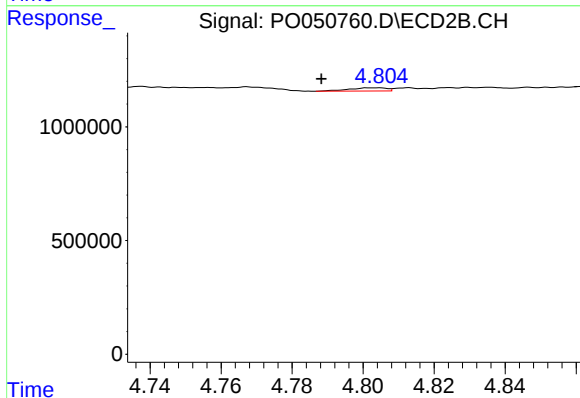
R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 150336
Conc: 21.51 ng/ml



#24 AR-1248-4

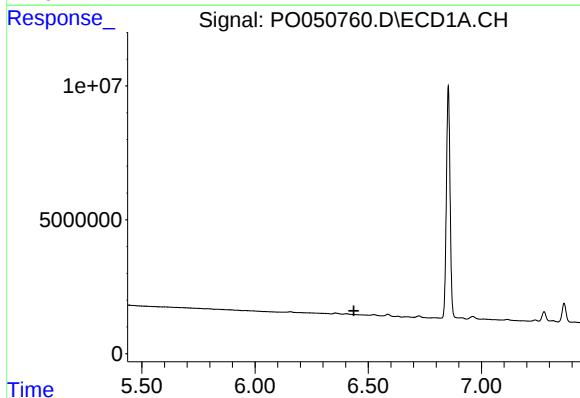
R.T.: 0.000 min
Exp R.T. : 6.398 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



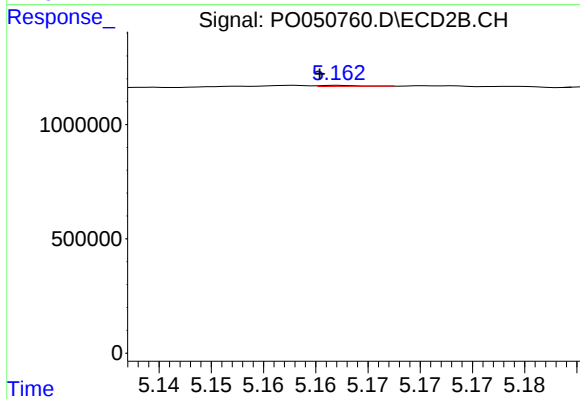
#24 AR-1248-4

R.T.: 4.804 min
Delta R.T.: 0.016 min
Response: 105599
Conc: 11.32 ng/ml



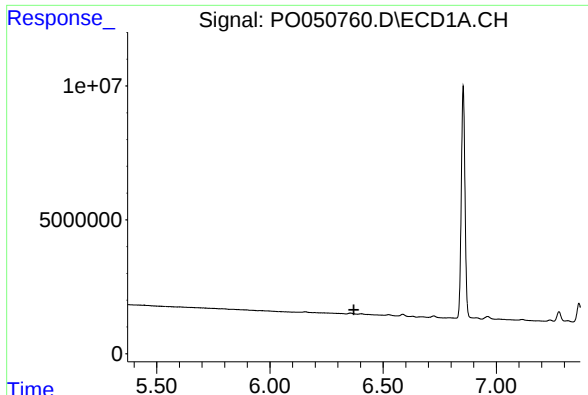
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.436 min
Response: 0
Conc: N.D.



#25 AR-1248-5

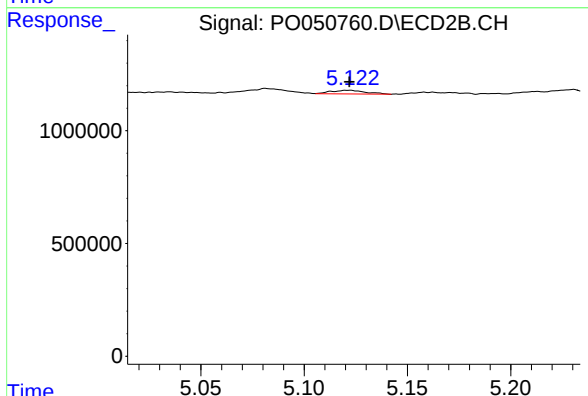
R.T.: 5.162 min
Delta R.T.: 0.002 min
Response: 10934
Conc: 1.14 ng/ml



#26 AR-1254-1

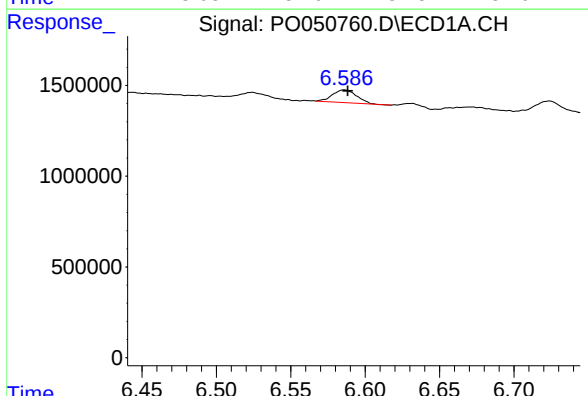
R.T.: 0.000 min
Exp R.T.: 6.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



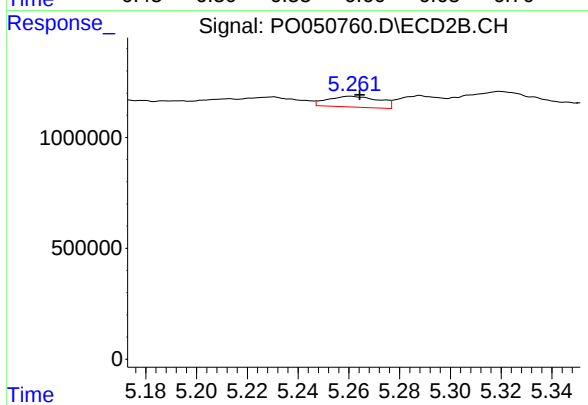
#26 AR-1254-1

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 192250
Conc: 10.03 ng/ml



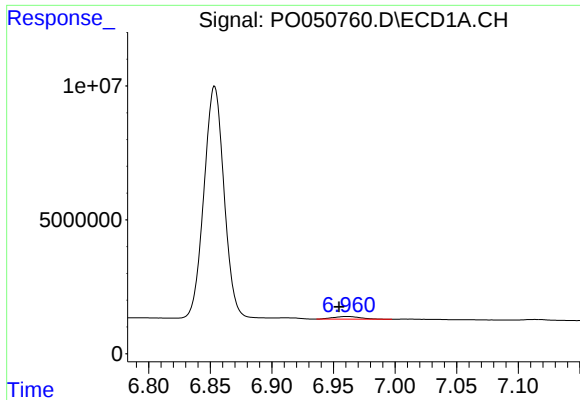
#27 AR-1254-2

R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 790270
Conc: 23.37 ng/ml



#27 AR-1254-2

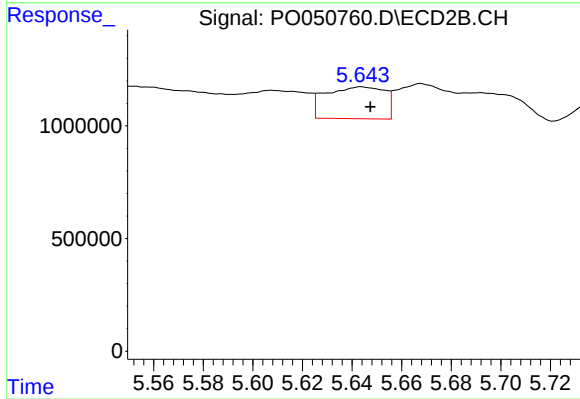
R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 684458
Conc: 39.43 ng/ml



#28 AR-1254-3

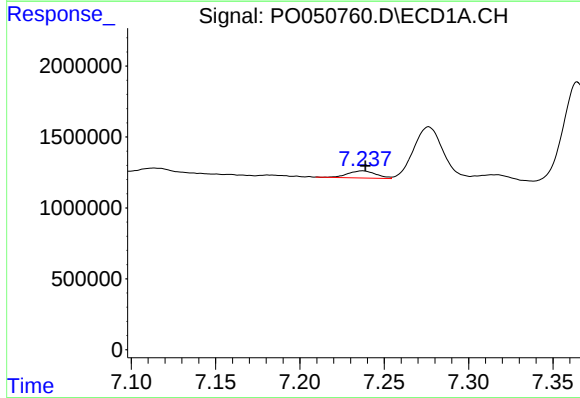
R.T.: 6.961 min
Delta R.T.: 0.006 min
Response: 1580540
Conc: 45.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



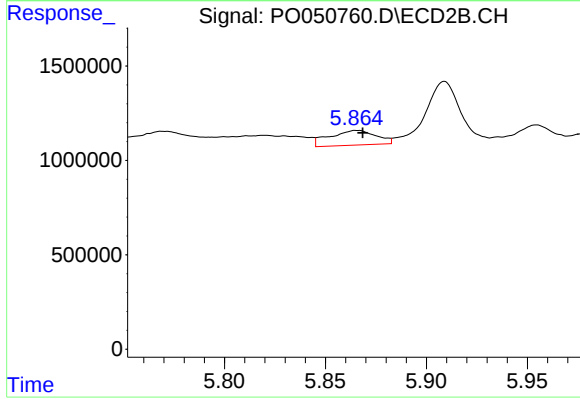
#28 AR-1254-3

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 2329576
Conc: 82.31 ng/ml



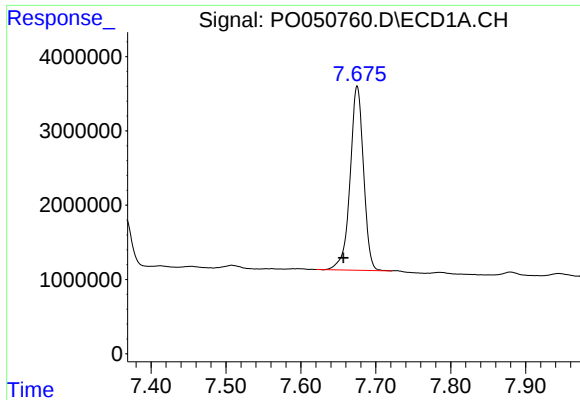
#29 AR-1254-4

R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 582230
Conc: 25.17 ng/ml



#29 AR-1254-4

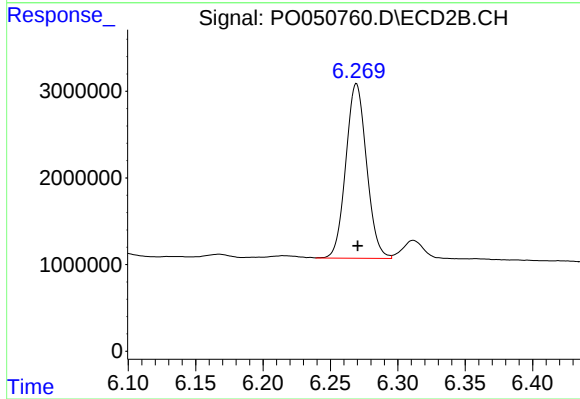
R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 1249022
Conc: 70.67 ng/ml



#30 AR-1254-5

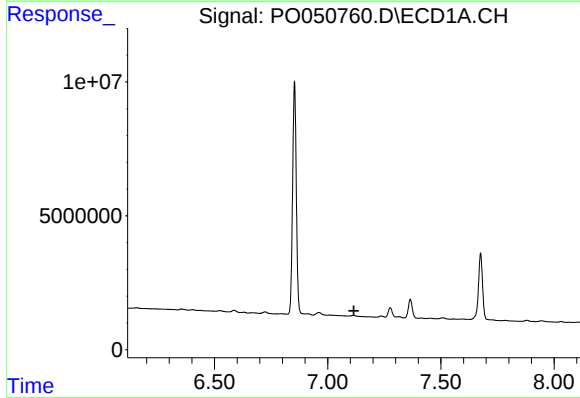
R.T.: 7.675 min
Delta R.T.: 0.018 min
Response: 30820735
Conc: 1255.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



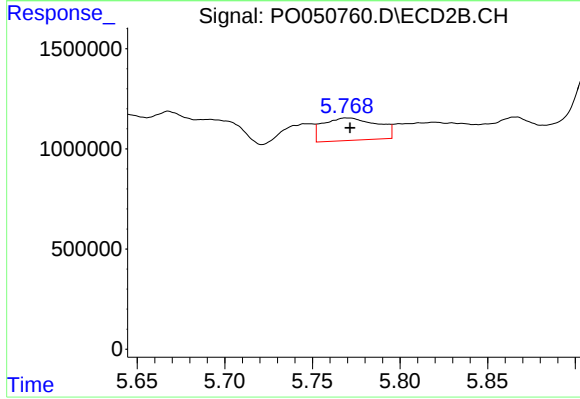
#30 AR-1254-5

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 21627652
Conc: 808.93 ng/ml



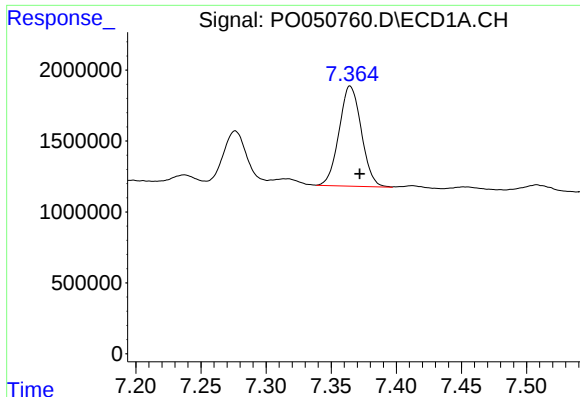
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#31 AR-1260-1

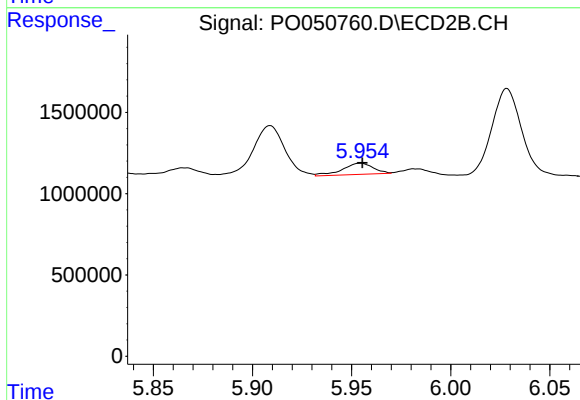
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 2415708
Conc: 116.84 ng/ml



#32 AR-1260-2

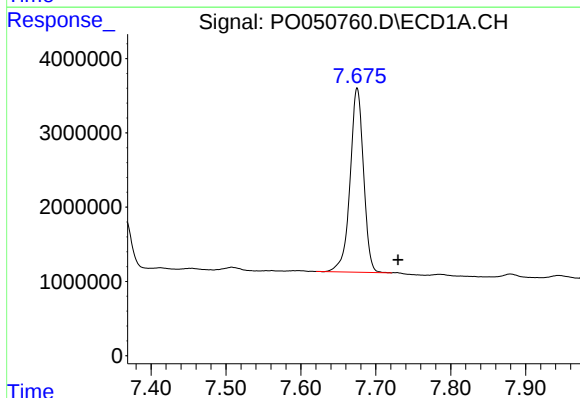
R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 8413322
Conc: 284.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



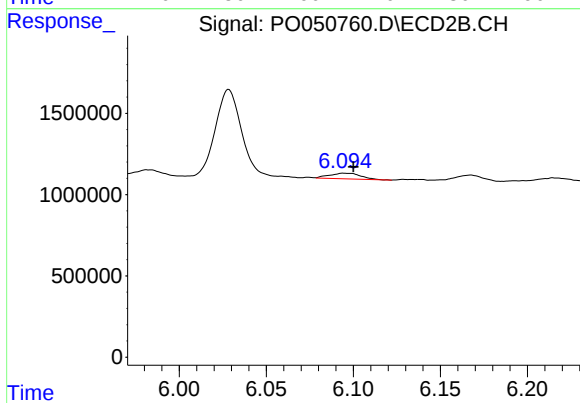
#32 AR-1260-2

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 747704
Conc: 26.04 ng/ml



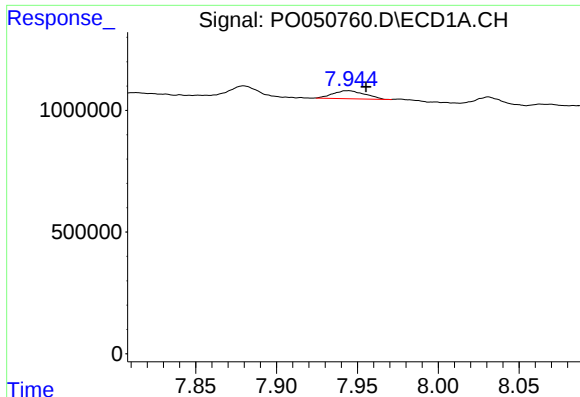
#33 AR-1260-3

R.T.: 7.675 min
Delta R.T.: -0.054 min
Response: 30820735
Conc: 1454.26 ng/ml



#33 AR-1260-3

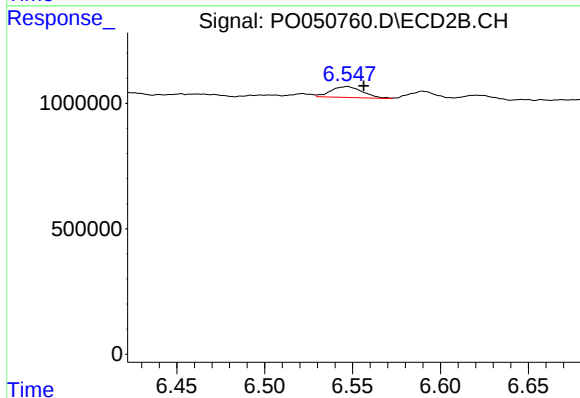
R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 438138
Conc: 17.77 ng/ml



#34 AR-1260-4

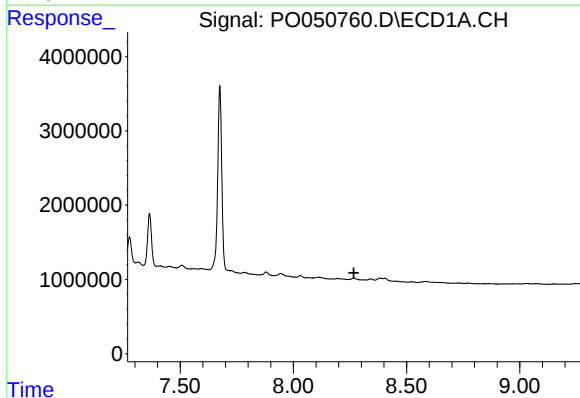
R.T.: 7.945 min
Delta R.T.: -0.011 min
Response: 456208
Conc: 19.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



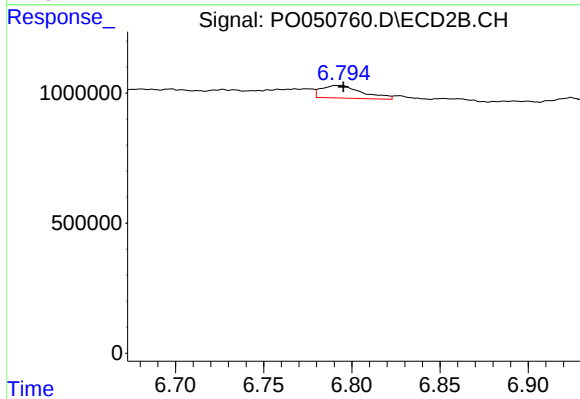
#34 AR-1260-4

R.T.: 6.547 min
Delta R.T.: -0.009 min
Response: 540189
Conc: 26.19 ng/ml



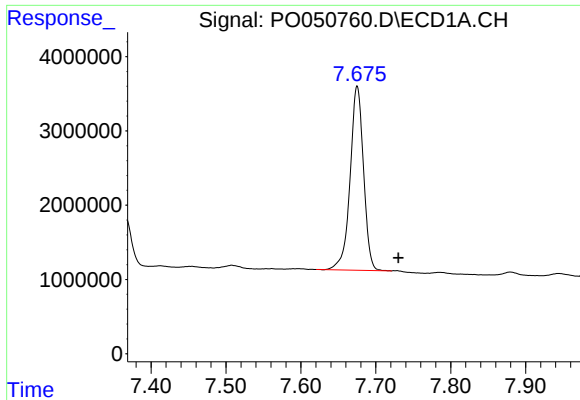
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.268 min
Response: 0
Conc: N.D.



#35 AR-1260-5

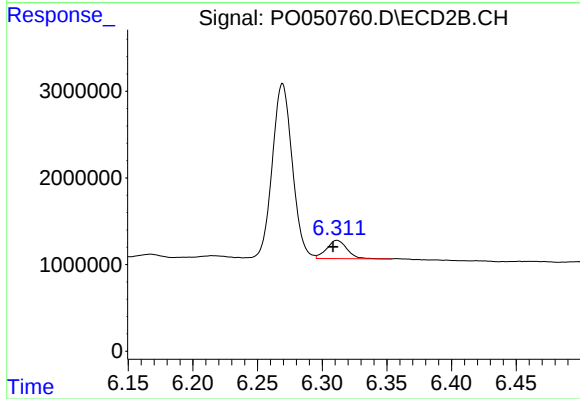
R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 780076
Conc: 15.01 ng/ml



#36 AR-1262-1

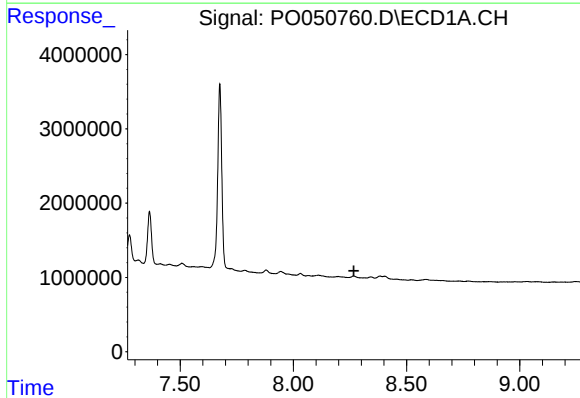
R.T.: 7.675 min
Delta R.T.: -0.055 min
Response: 30820735
Conc: 1249.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
181Q-27C



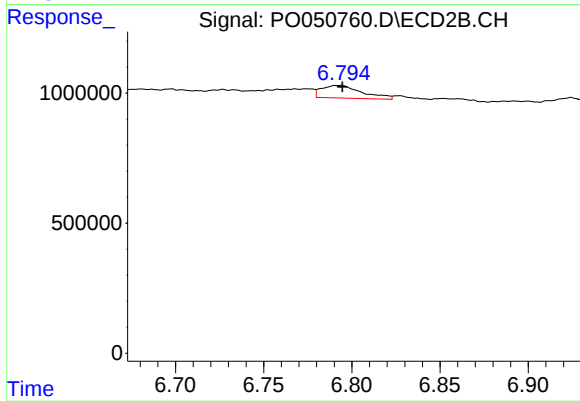
#36 AR-1262-1

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 2285963
Conc: 81.24 ng/ml



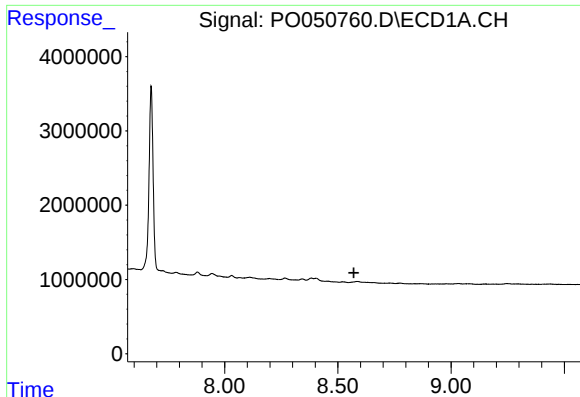
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.268 min
Response: 0
Conc: N.D.



#37 AR-1262-2

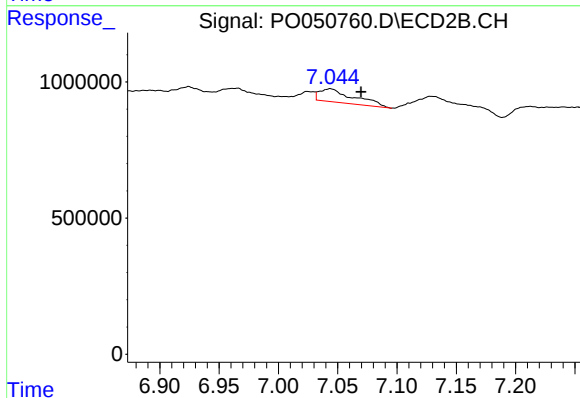
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 780076
Conc: 17.37 ng/ml



#38 AR-1262-3

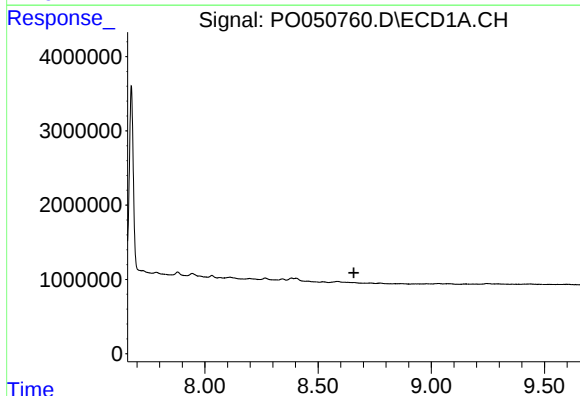
R.T.: 0.000 min
Exp R.T. : 8.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



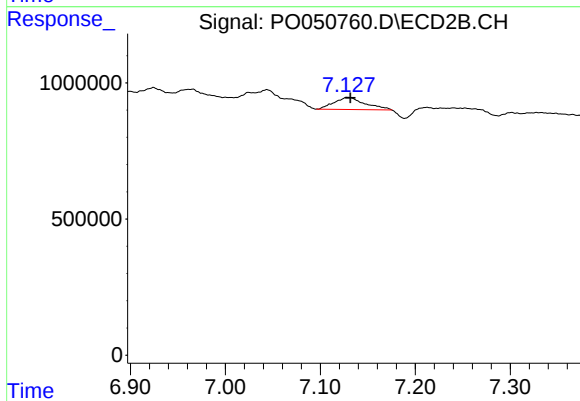
#38 AR-1262-3

R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 976845
Conc: 54.41 ng/ml



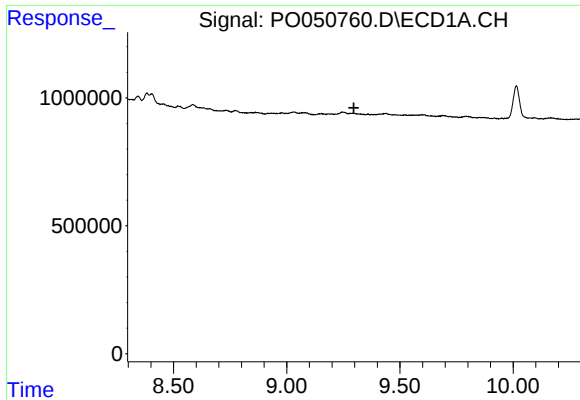
#39 AR-1262-4

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



#39 AR-1262-4

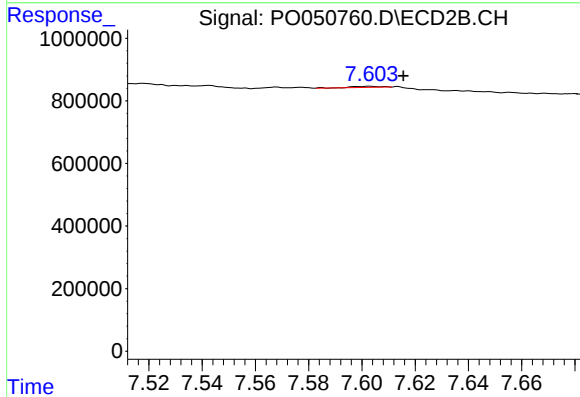
R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 996309
Conc: 33.87 ng/ml



#40 AR-1262-5

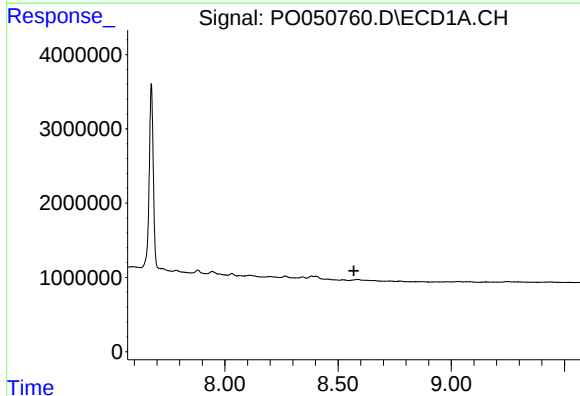
R.T.: 0.000 min
Exp R.T.: 9.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



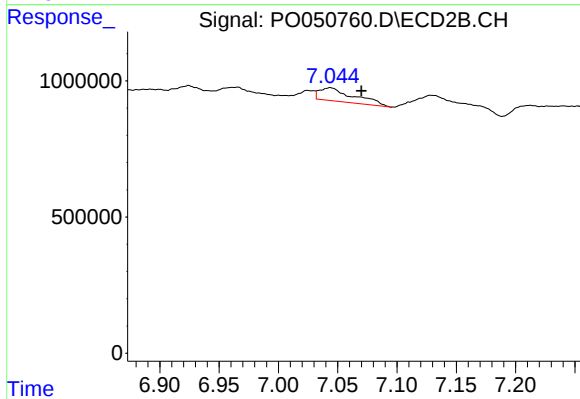
#40 AR-1262-5

R.T.: 7.603 min
Delta R.T.: -0.013 min
Response: 25174
Conc: 2.17 ng/ml



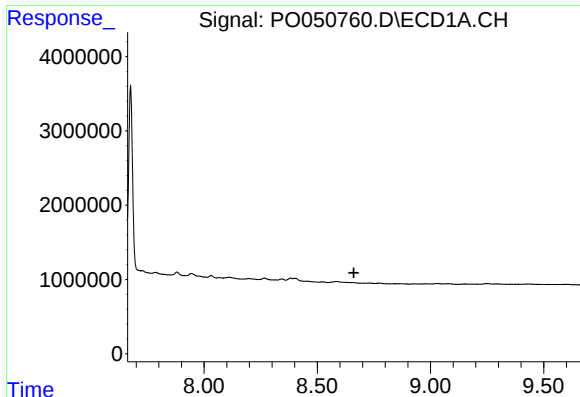
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.570 min
Response: 0
Conc: N.D.



#41 AR-1268-1

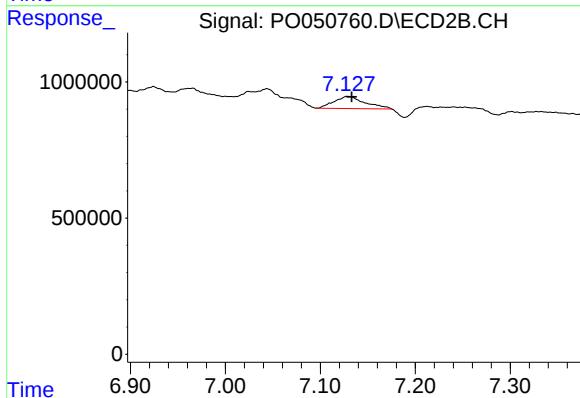
R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 976845
Conc: 17.74 ng/ml



#42 AR-1268-2

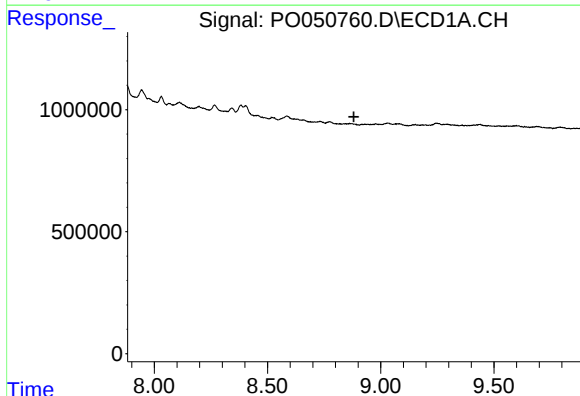
R.T.: 0.000 min
Exp R.T.: 8.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
181Q-27C



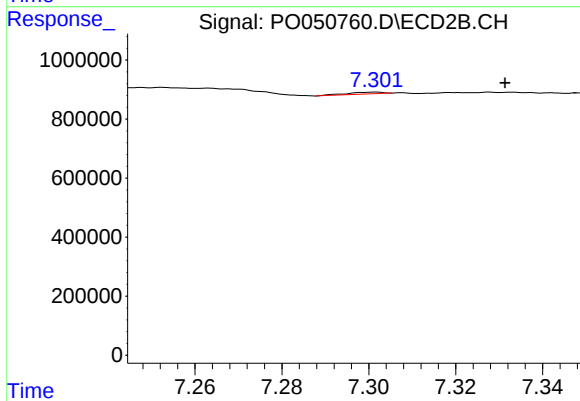
#42 AR-1268-2

R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 996309
Conc: 20.90 ng/ml



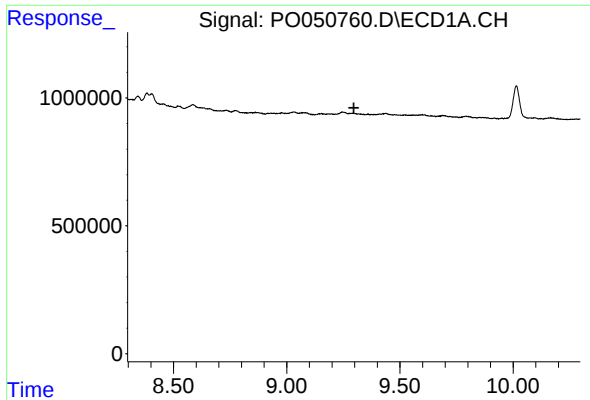
#43 AR-1268-3

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



#43 AR-1268-3

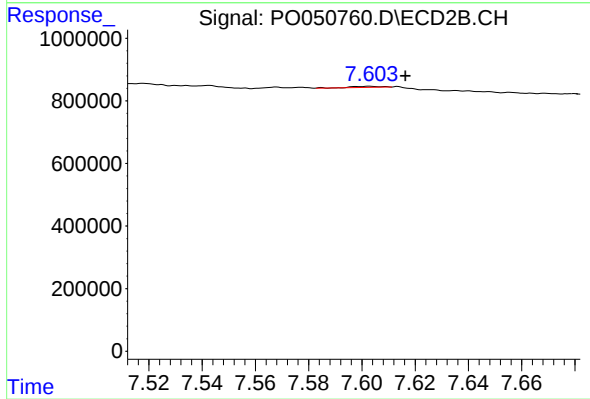
R.T.: 7.302 min
Delta R.T.: -0.030 min
Response: 31414
Conc: 0.73 ng/ml



#44 AR-1268-4

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

Instrument :
ECD_O
ClientSampleId :
181Q-27C



#44 AR-1268-4

R.T.: 7.603 min
Delta R.T.: -0.013 min
Response: 25174
Conc: 1.80 ng/ml