

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 18:35
 Operator : SM\AJ
 Sample : K4417-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:46:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.626	4.690	67699006	60560736	22.807	24.165
2)	SA Decachlor...	11.984	10.423	257.2E6	214.7E6	34.068	35.166
Target Compounds							
3)	L1 AR-1016-1	0.000	6.136	0	1171253	N.D.	10.171 #
4)	L1 AR-1016-2	0.000	6.162	0	1781417	N.D.	11.097 #
5)	L1 AR-1016-3	0.000	6.367	0	6644617	N.D.	77.495 #
6)	L1 AR-1016-4	7.249	6.433	27226182	3059944	308.115	42.376 #
7)	L1 AR-1016-5	7.589	6.687	19285001	9294213	228.037	103.769 #
9)	L2 AR-1221-2	0.000	5.103	0	819902	N.D.	34.070 #
10)	L2 AR-1221-3	0.000	5.288	0	18868077	N.D.	228.449 #
11)	L3 AR-1232-1	0.000	5.288	0	18868077	N.D.	280.080 #
12)	L3 AR-1232-2	0.000	6.162	0	1781417	N.D.	23.320 #
13)	L3 AR-1232-3	0.000	6.367	0	6644617	N.D.	163.759 #
14)	L3 AR-1232-4	7.249	6.506	27226182	6780270	667.749	170.434 #
15)	L3 AR-1232-5	0.000	6.687	0	9294213	N.D.	234.376 #
16)	L4 AR-1242-1	0.000	6.136	0	1171253	N.D.	11.338 #
17)	L4 AR-1242-2	0.000	6.162	0	1781417	N.D.	12.571 #
18)	L4 AR-1242-3	0.000	6.367	0	6644617	N.D.	87.796 #
19)	L4 AR-1242-4	7.249	6.506	27226182	6780270	353.996	88.544 #
20)	L4 AR-1242-5	8.066	7.082	184.8E6	51380611	1958.052	458.363 #
21)	L5 AR-1248-1	0.000	6.136	0	1171253	N.D.	14.249 #
22)	L5 AR-1248-2	0.000	6.433	0	3059944	N.D.	27.776 #
23)	L5 AR-1248-3	7.589	6.506	19285001	6780270	151.971	60.164 #
24)	L5 AR-1248-4	8.066	6.687	184.8E6	9294213	1114.480	68.032 #
25)	L5 AR-1248-5	8.066	7.141	184.8E6	12066416	1160.428	76.649 #
26)	L6 AR-1254-1	8.011	7.082	9701602	51380611	66.119	227.705 #
27)	L6 AR-1254-2	8.279	7.255	51991957	10208348	216.746	50.485 #
28)	L6 AR-1254-3	8.677	7.727	37731481	19943992	132.349	56.636 #
29)	L6 AR-1254-4	8.967	7.972	9399278	7210611	39.421	28.100 #
30)	L6 AR-1254-5	9.431	8.400	41855725	46883696	162.107	129.025
31)	L7 AR-1260-1	0.000	7.850	0	5979379	N.D.	29.307 #
32)	L7 AR-1260-2	9.106	8.052	138.9E6	11035780	577.707	41.197 #
33)	L7 AR-1260-3	9.431	8.217	41855725	5485565	193.593	23.014 #
34)	L7 AR-1260-4	9.720	8.714	12149639	5034740	50.034	22.208 #
35)	L7 AR-1260-5	10.067	8.965	6556493	11494270	11.044	18.456 #
36)	L8 AR-1262-1	9.586	8.513	18383047	6075738	127.539	35.493 #
37)	L8 AR-1262-2	10.067	8.965	6556493	11494270	8.714	13.759 #
38)	L8 AR-1262-3	0.000	9.259	0	6758563	N.D.	19.015 #
39)	L8 AR-1262-4	0.000	9.324	0	8959369	N.D.	13.895 #
40)	L8 AR-1262-5	0.000	9.843	0	6172467	N.D.	19.512 #
41)	L9 AR-1268-1	0.000	9.259	0	6758563	N.D.	6.732 #
42)	L9 AR-1268-2	0.000	9.324	0	8959369	N.D.	9.541 #
43)	L9 AR-1268-3	0.000	9.534	0	7896941	N.D.	9.914 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 18:35
 Operator : SM\AJ
 Sample : K4417-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

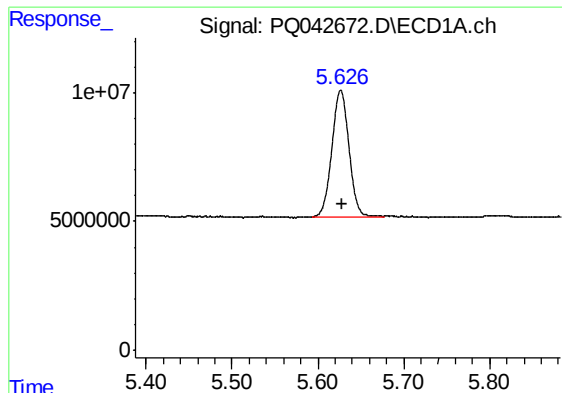
Instrument :
 ECD_Q
 ClientSampleId :
 ETQ13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:46:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.843	0	6172467	N.D.	18.036 #
45) L9	AR-1268-5	0.000	10.153	0	2735029	N.D.	1.067 #

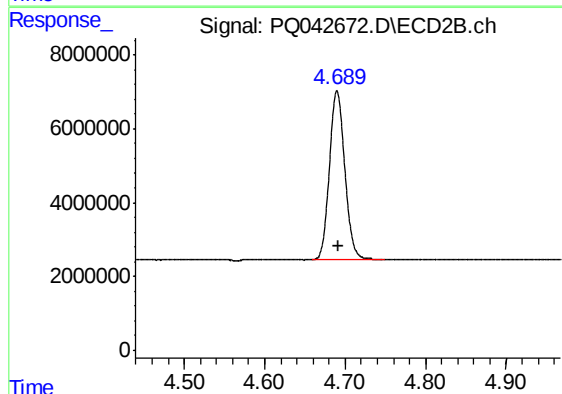
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

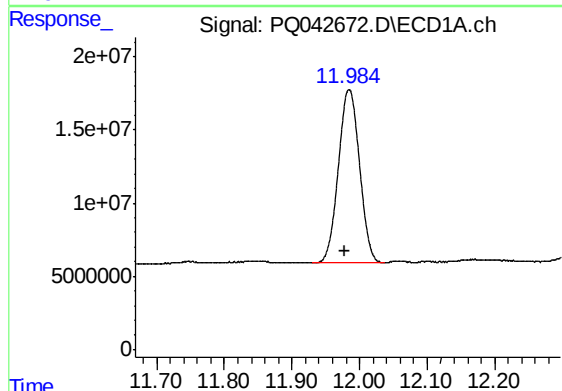
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 67699006
Conc: 22.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



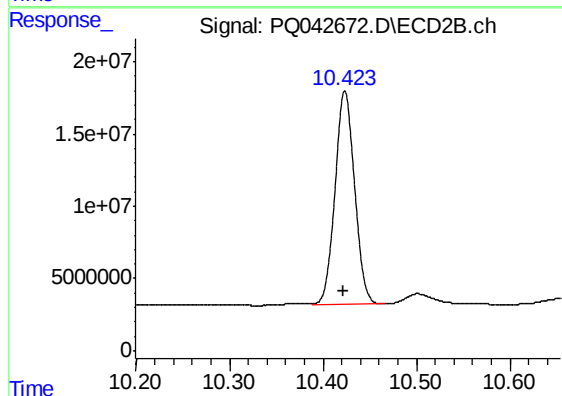
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 60560736
Conc: 24.17 ng/ml



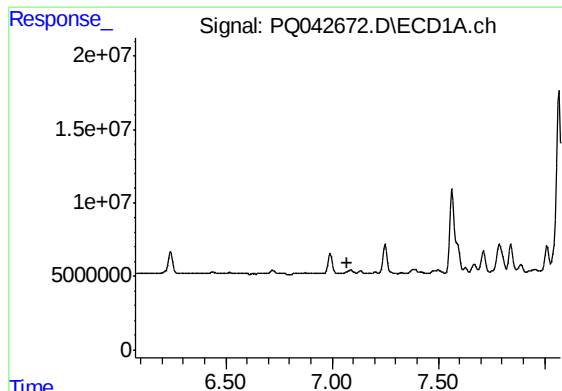
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: 0.006 min
Response: 257165625
Conc: 34.07 ng/ml



#2 Decachlorobiphenyl

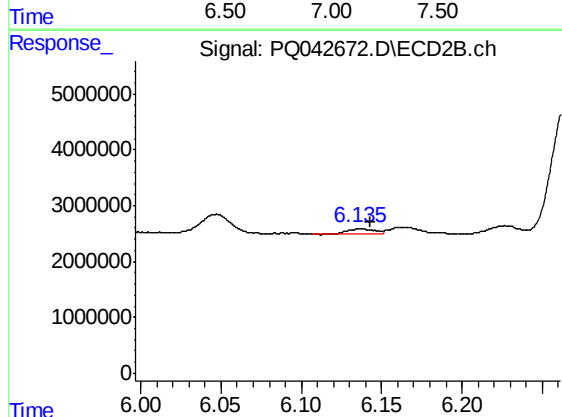
R.T.: 10.423 min
Delta R.T.: 0.001 min
Response: 214742861
Conc: 35.17 ng/ml



#3 AR-1016-1

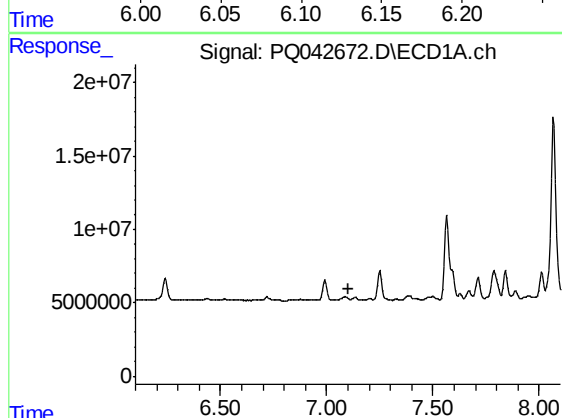
R.T.: 0.000 min
Exp R.T.: 7.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



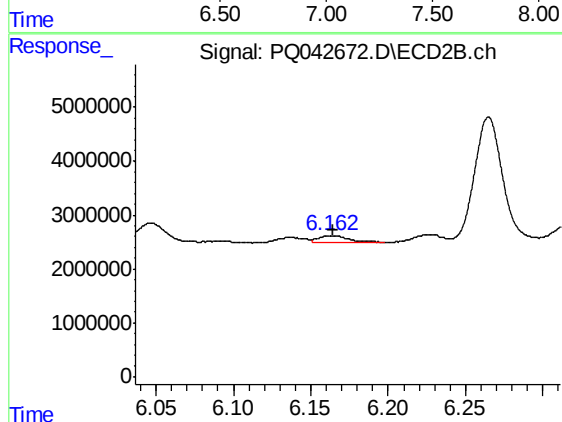
#3 AR-1016-1

R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 1171253
Conc: 10.17 ng/ml



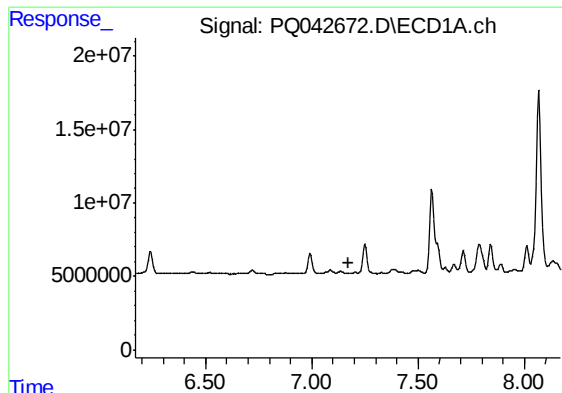
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.100 min
Response: 0
Conc: N.D.



#4 AR-1016-2

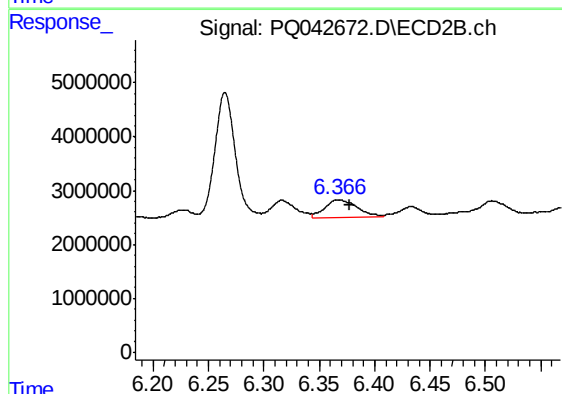
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 1781417
Conc: 11.10 ng/ml



#5 AR-1016-3

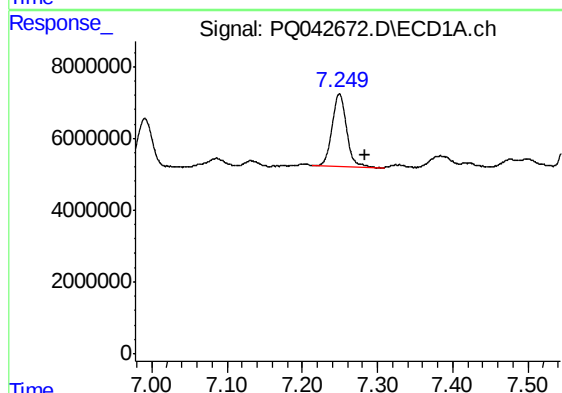
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



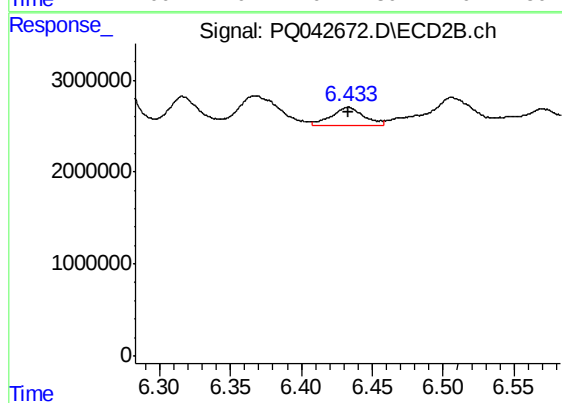
#5 AR-1016-3

R.T.: 6.367 min
Delta R.T.: -0.012 min
Response: 6644617
Conc: 77.50 ng/ml



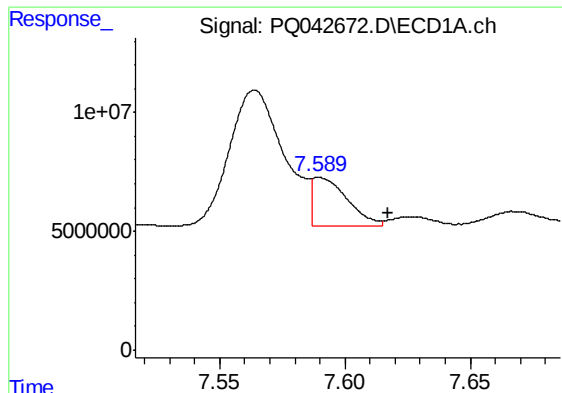
#6 AR-1016-4

R.T.: 7.249 min
Delta R.T.: -0.034 min
Response: 27226182
Conc: 308.11 ng/ml



#6 AR-1016-4

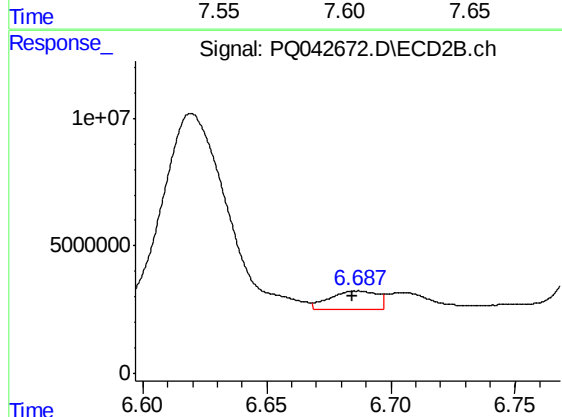
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 3059944
Conc: 42.38 ng/ml



#7 AR-1016-5

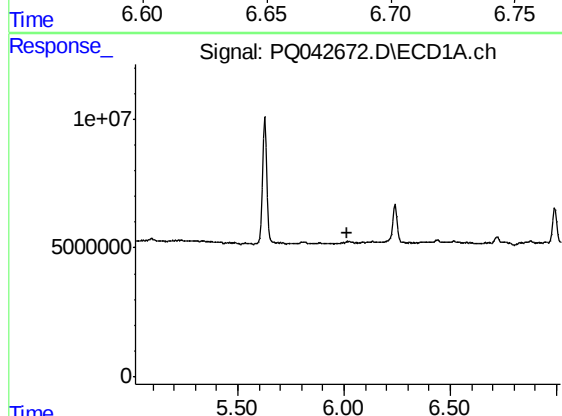
R.T.: 7.589 min
Delta R.T.: -0.028 min
Response: 19285001
Conc: 228.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



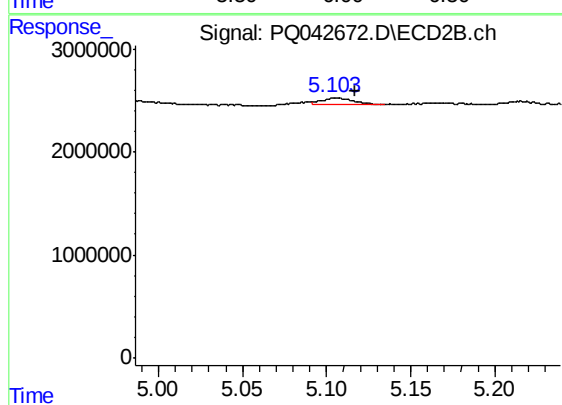
#7 AR-1016-5

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 9294213
Conc: 103.77 ng/ml



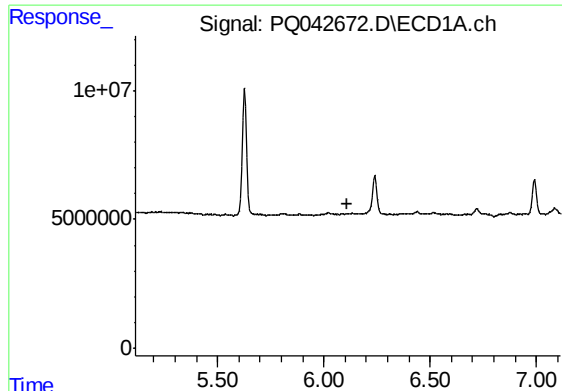
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.



#9 AR-1221-2

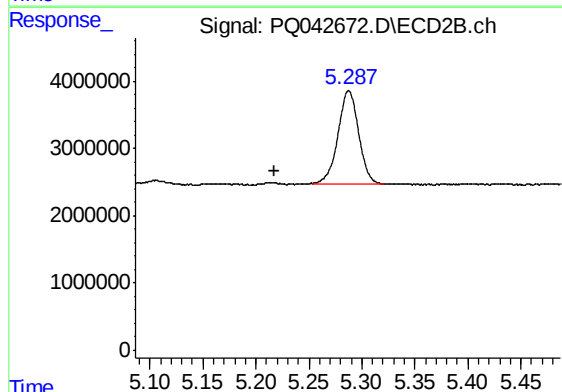
R.T.: 5.103 min
Delta R.T.: -0.013 min
Response: 819902
Conc: 34.07 ng/ml



#10 AR-1221-3

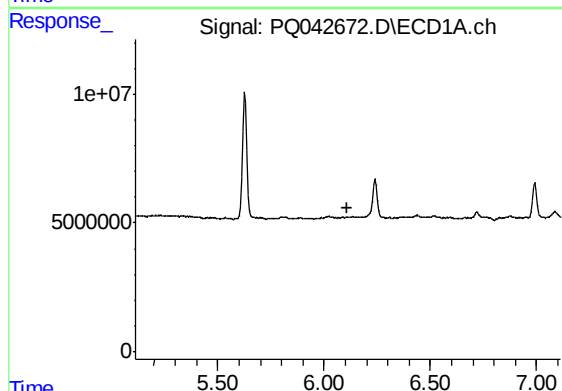
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



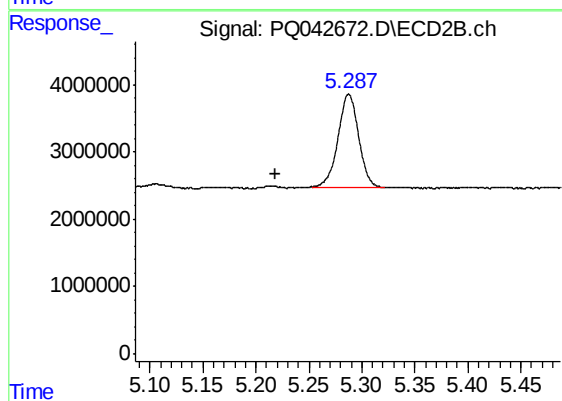
#10 AR-1221-3

R.T.: 5.288 min
Delta R.T.: 0.070 min
Response: 18868077
Conc: 228.45 ng/ml



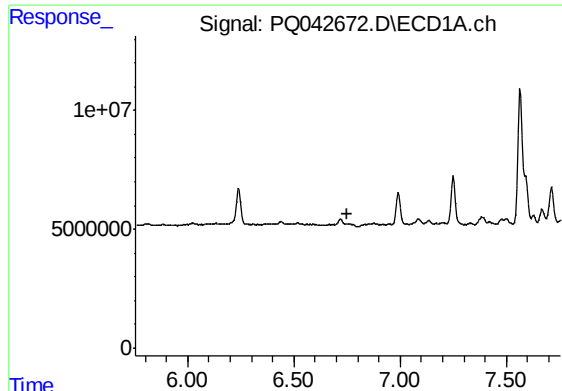
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

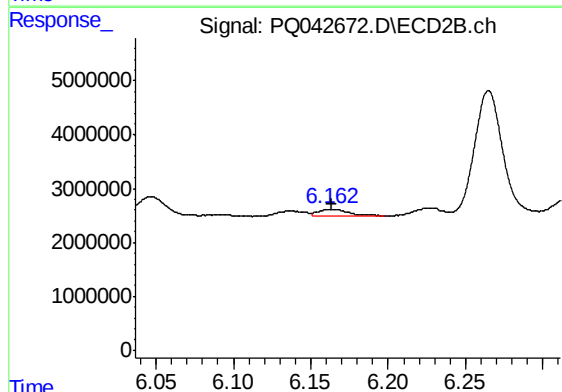
R.T.: 5.288 min
Delta R.T.: 0.070 min
Response: 18868077
Conc: 280.08 ng/ml



#12 AR-1232-2

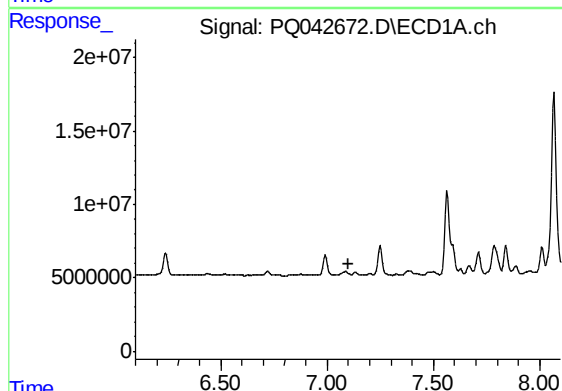
R.T.: 0.000 min
Exp R.T. : 6.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



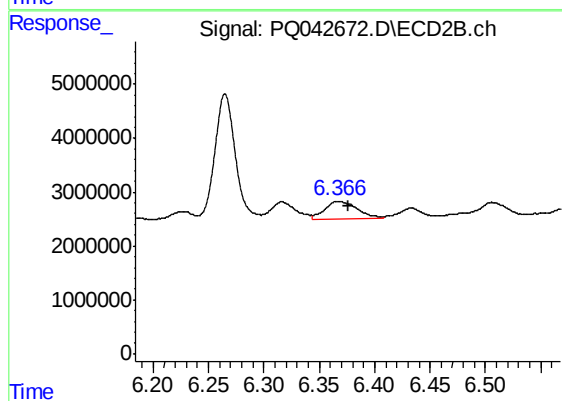
#12 AR-1232-2

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 1781417
Conc: 23.32 ng/ml



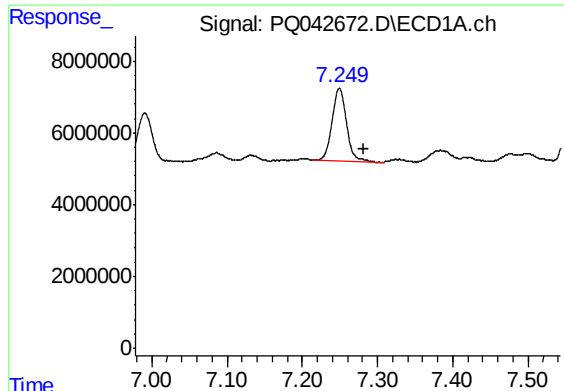
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 7.098 min
Response: 0
Conc: N.D.



#13 AR-1232-3

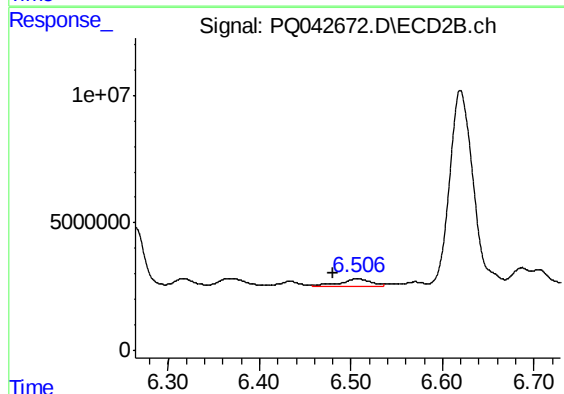
R.T.: 6.367 min
Delta R.T.: -0.010 min
Response: 6644617
Conc: 163.76 ng/ml



#14 AR-1232-4

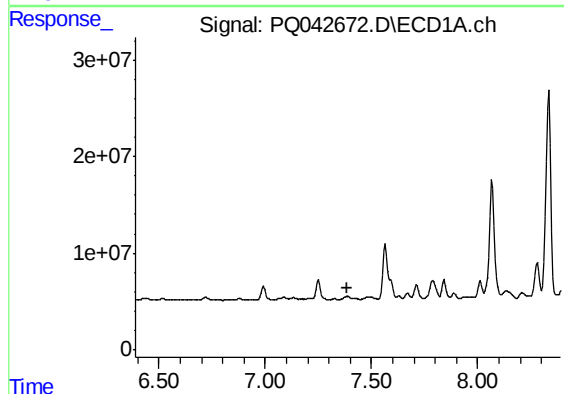
R.T.: 7.249 min
Delta R.T.: -0.032 min
Response: 27226182
Conc: 667.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



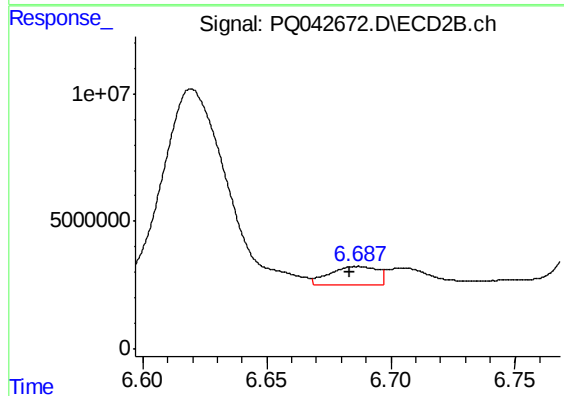
#14 AR-1232-4

R.T.: 6.506 min
Delta R.T.: 0.025 min
Response: 6780270
Conc: 170.43 ng/ml



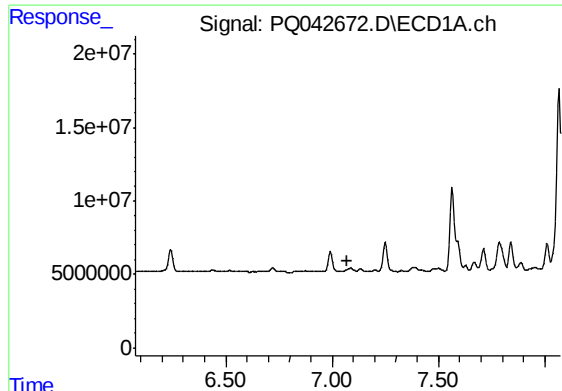
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 7.389 min
Response: 0
Conc: N.D.



#15 AR-1232-5

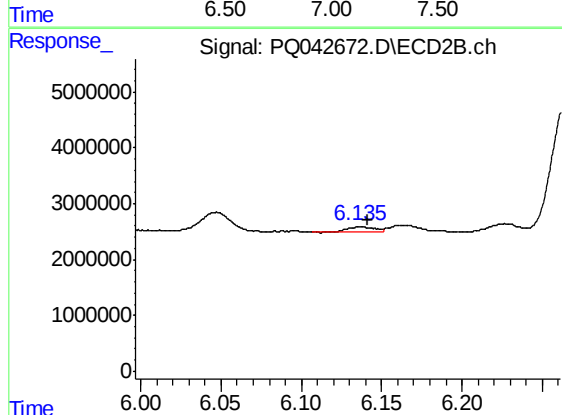
R.T.: 6.687 min
Delta R.T.: 0.004 min
Response: 9294213
Conc: 234.38 ng/ml



#16 AR-1242-1

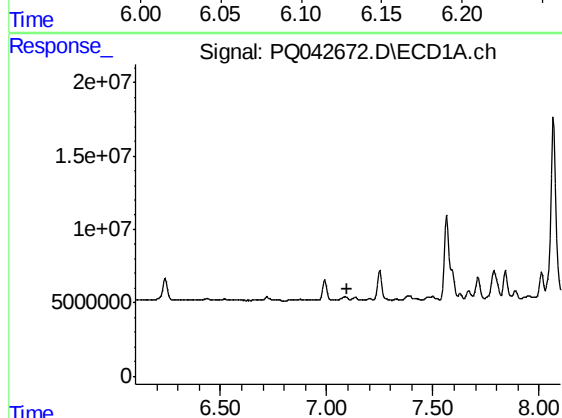
R.T.: 0.000 min
Exp R.T. : 7.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



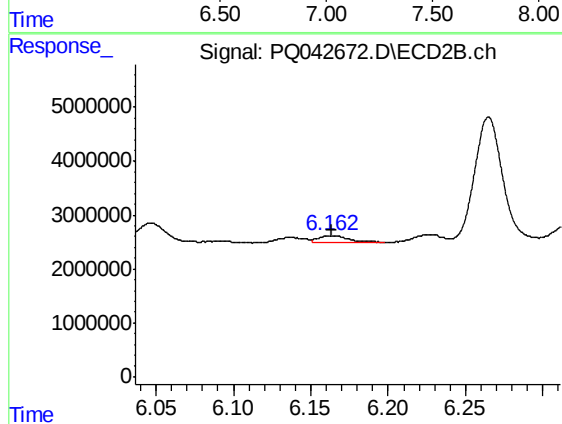
#16 AR-1242-1

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 1171253
Conc: 11.34 ng/ml



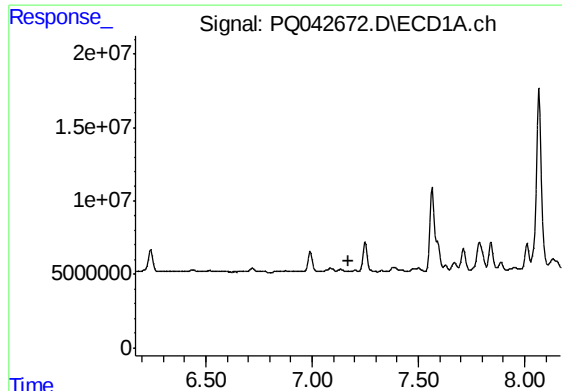
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 7.100 min
Response: 0
Conc: N.D.



#17 AR-1242-2

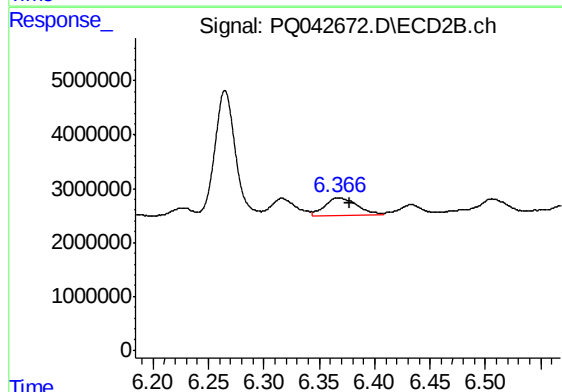
R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 1781417
Conc: 12.57 ng/ml



#18 AR-1242-3

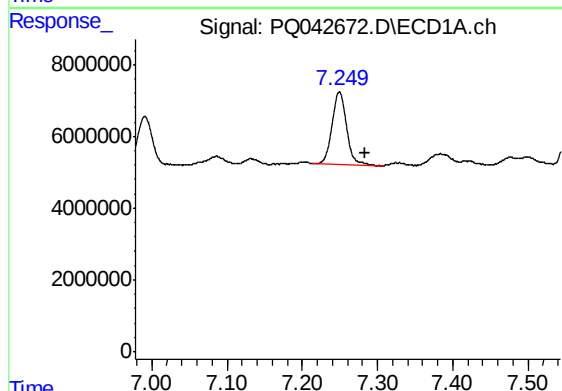
R.T.: 0.000 min
Exp R.T.: 7.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



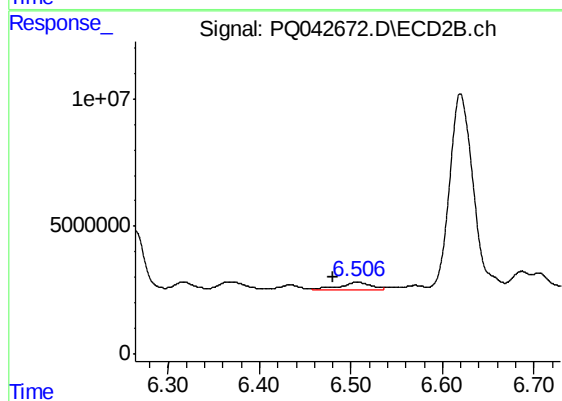
#18 AR-1242-3

R.T.: 6.367 min
Delta R.T.: -0.011 min
Response: 6644617
Conc: 87.80 ng/ml



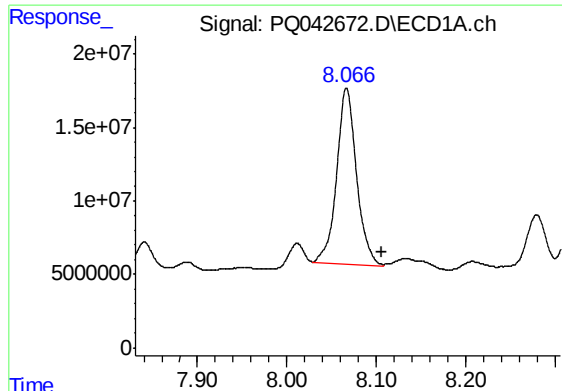
#19 AR-1242-4

R.T.: 7.249 min
Delta R.T.: -0.034 min
Response: 27226182
Conc: 354.00 ng/ml



#19 AR-1242-4

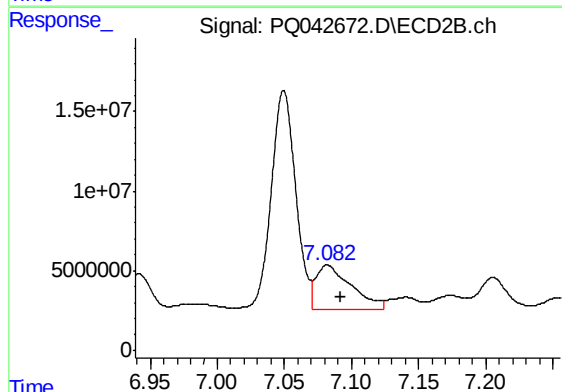
R.T.: 6.506 min
Delta R.T.: 0.025 min
Response: 6780270
Conc: 88.54 ng/ml



#20 AR-1242-5

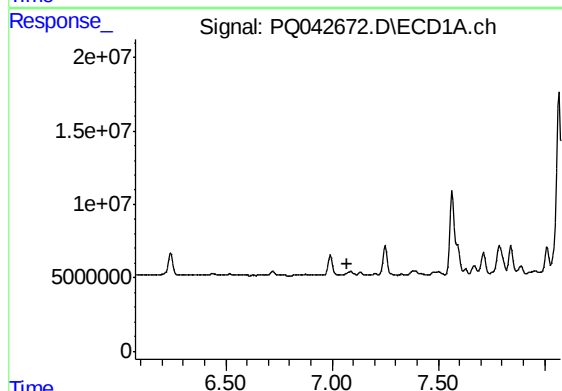
R.T.: 8.066 min
Delta R.T.: -0.040 min
Response: 184751462
Conc: 1958.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



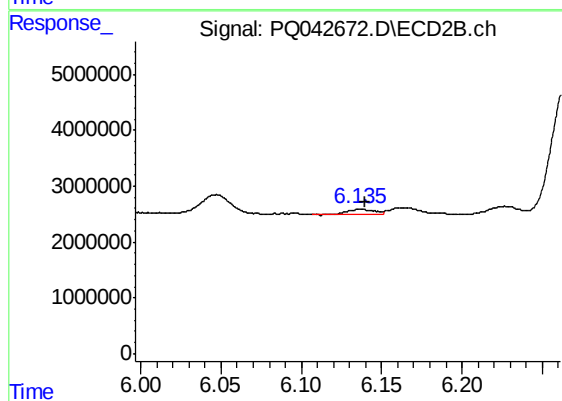
#20 AR-1242-5

R.T.: 7.082 min
Delta R.T.: -0.010 min
Response: 51380611
Conc: 458.36 ng/ml



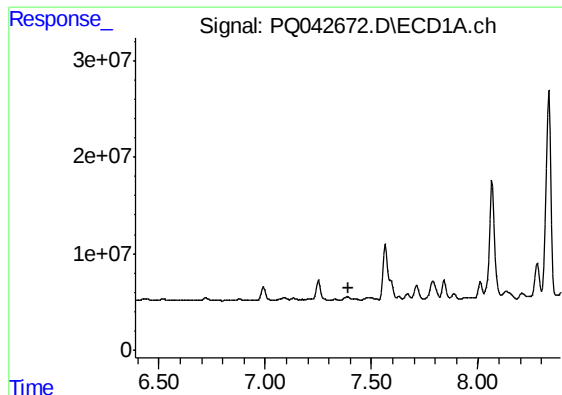
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.075 min
Response: 0
Conc: N.D.



#21 AR-1248-1

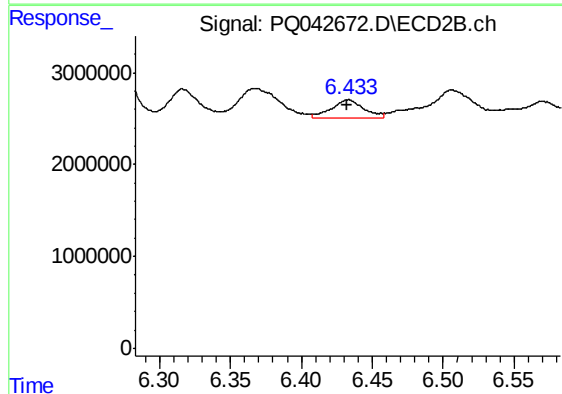
R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 1171253
Conc: 14.25 ng/ml



#22 AR-1248-2

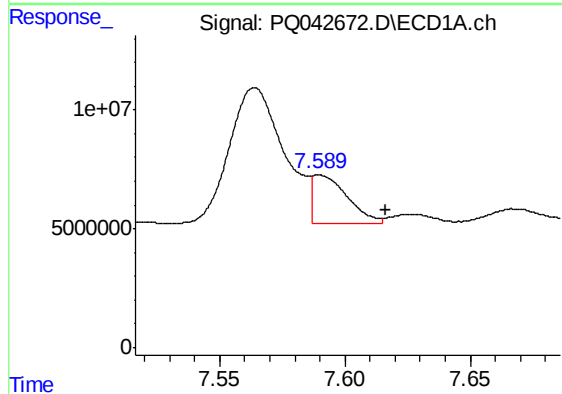
R.T.: 0.000 min
Exp R.T.: 7.389 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



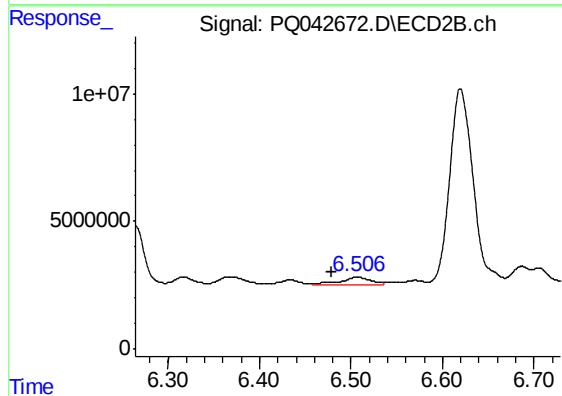
#22 AR-1248-2

R.T.: 6.433 min
Delta R.T.: 0.001 min
Response: 3059944
Conc: 27.78 ng/ml



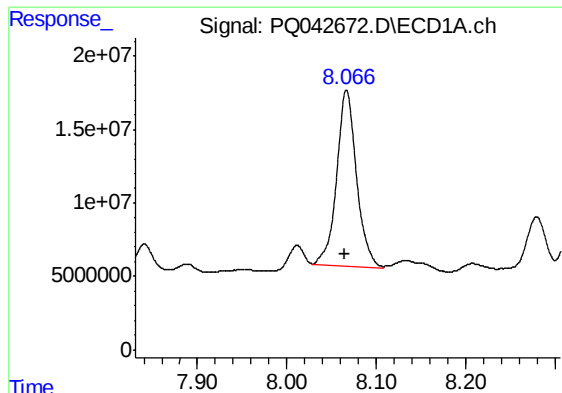
#23 AR-1248-3

R.T.: 7.589 min
Delta R.T.: -0.027 min
Response: 19285001
Conc: 151.97 ng/ml



#23 AR-1248-3

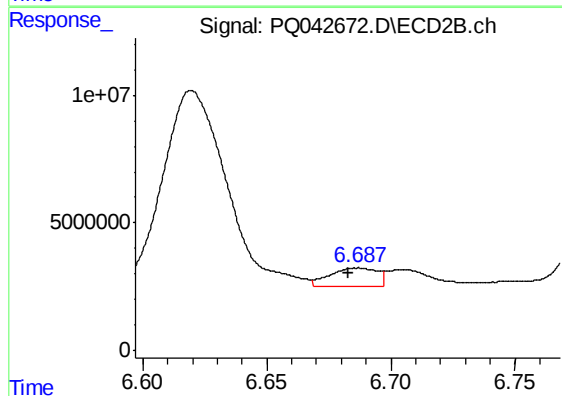
R.T.: 6.506 min
Delta R.T.: 0.026 min
Response: 6780270
Conc: 60.16 ng/ml



#24 AR-1248-4

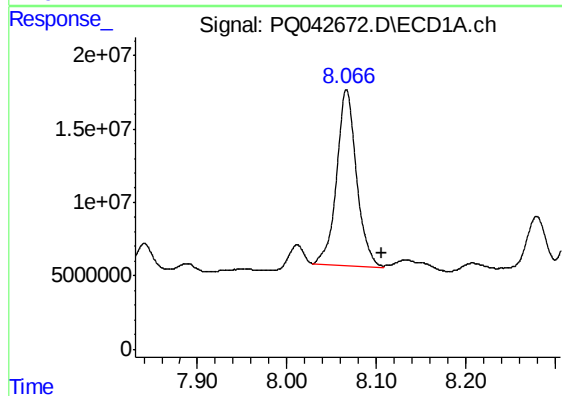
R.T.: 8.066 min
Delta R.T.: 0.002 min
Response: 184751462
Conc: 1114.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



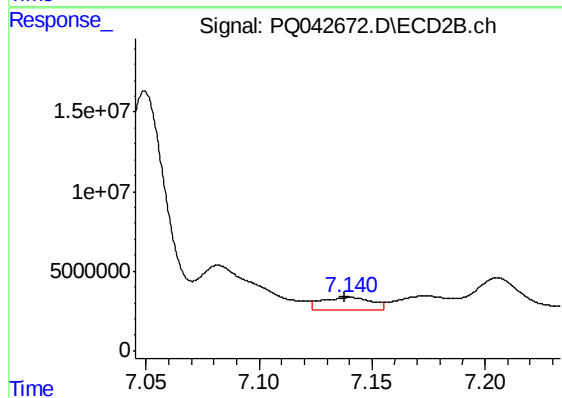
#24 AR-1248-4

R.T.: 6.687 min
Delta R.T.: 0.004 min
Response: 9294213
Conc: 68.03 ng/ml



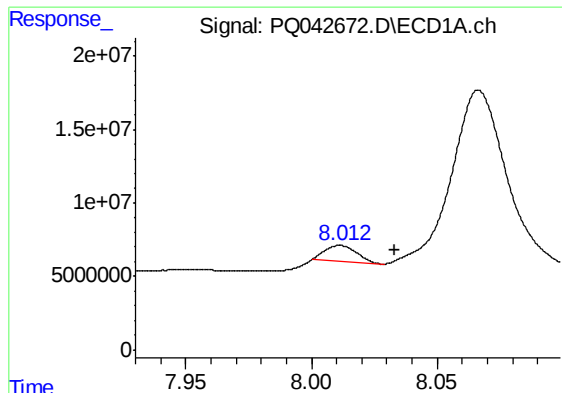
#25 AR-1248-5

R.T.: 8.066 min
Delta R.T.: -0.039 min
Response: 184751462
Conc: 1160.43 ng/ml



#25 AR-1248-5

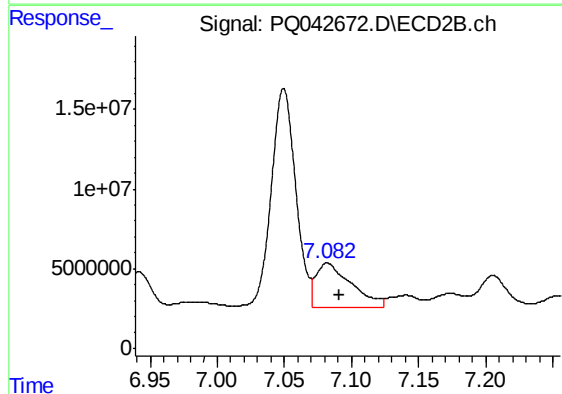
R.T.: 7.141 min
Delta R.T.: 0.002 min
Response: 12066416
Conc: 76.65 ng/ml



#26 AR-1254-1

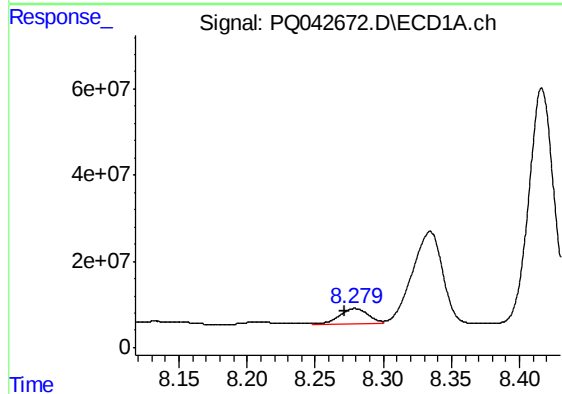
R.T.: 8.011 min
Delta R.T.: -0.022 min
Response: 9701602
Conc: 66.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



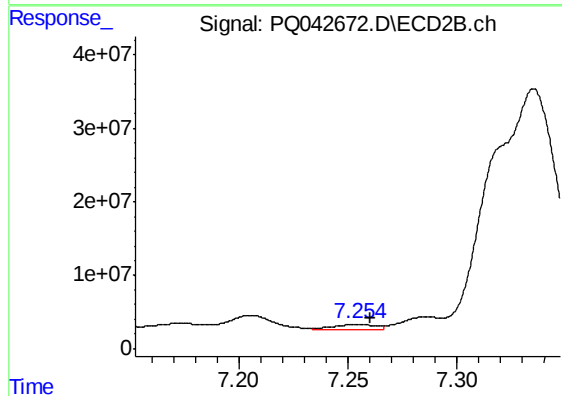
#26 AR-1254-1

R.T.: 7.082 min
Delta R.T.: -0.009 min
Response: 51380611
Conc: 227.71 ng/ml



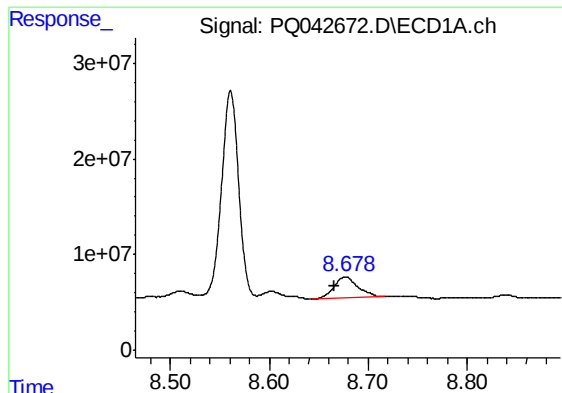
#27 AR-1254-2

R.T.: 8.279 min
Delta R.T.: 0.007 min
Response: 51991957
Conc: 216.75 ng/ml



#27 AR-1254-2

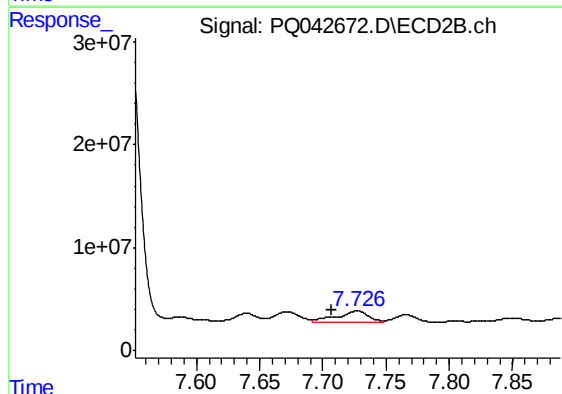
R.T.: 7.255 min
Delta R.T.: -0.006 min
Response: 10208348
Conc: 50.48 ng/ml



#28 AR-1254-3

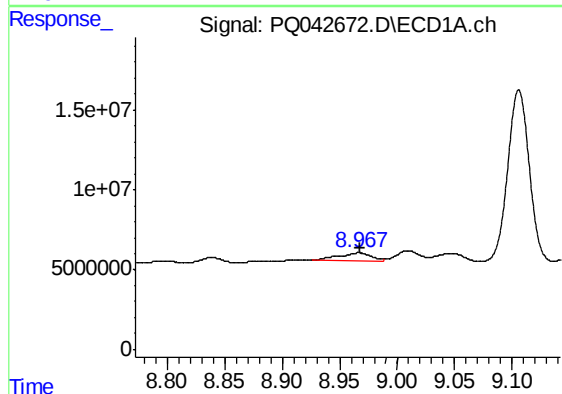
R.T.: 8.677 min
Delta R.T.: 0.011 min
Response: 37731481
Conc: 132.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



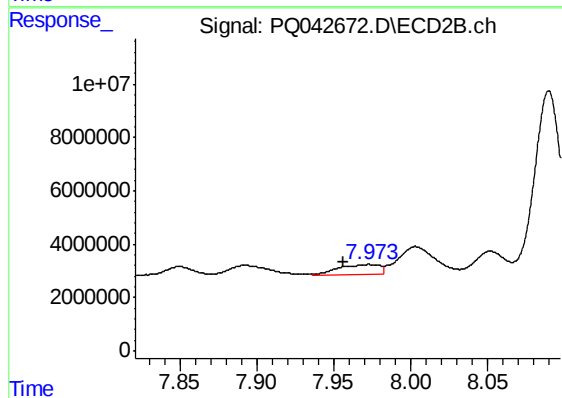
#28 AR-1254-3

R.T.: 7.727 min
Delta R.T.: 0.020 min
Response: 19943992
Conc: 56.64 ng/ml



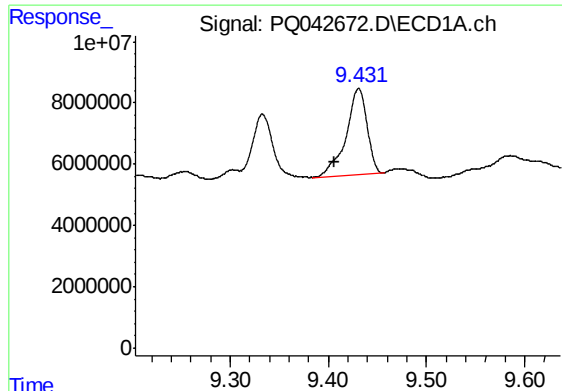
#29 AR-1254-4

R.T.: 8.967 min
Delta R.T.: -0.001 min
Response: 9399278
Conc: 39.42 ng/ml



#29 AR-1254-4

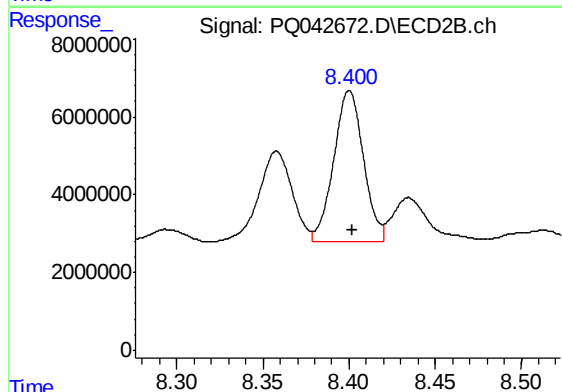
R.T.: 7.972 min
Delta R.T.: 0.016 min
Response: 7210611
Conc: 28.10 ng/ml



#30 AR-1254-5

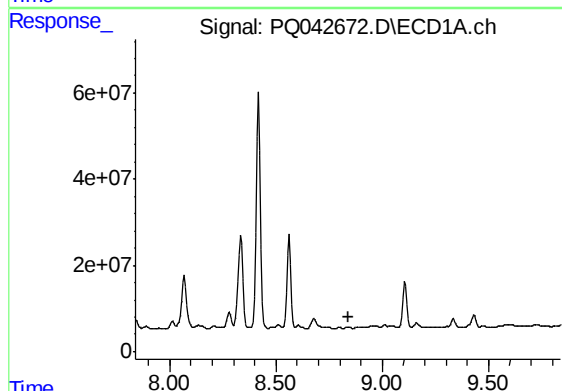
R.T.: 9.431 min
Delta R.T.: 0.025 min
Response: 41855725
Conc: 162.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



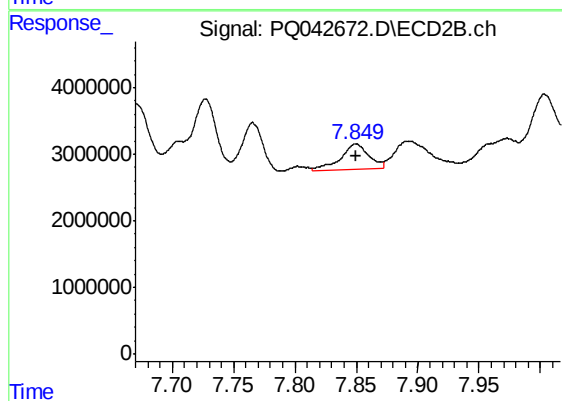
#30 AR-1254-5

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 46883696
Conc: 129.03 ng/ml



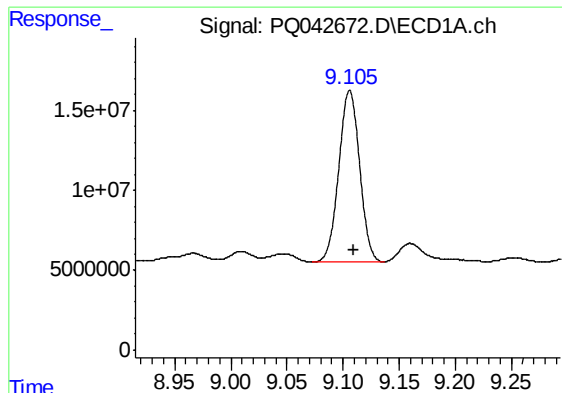
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.838 min
Response: 0
Conc: N.D.



#31 AR-1260-1

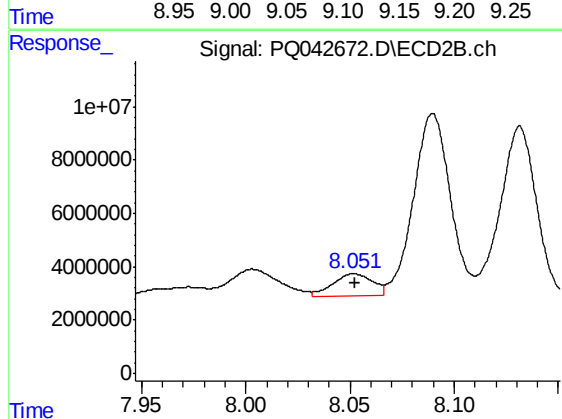
R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 5979379
Conc: 29.31 ng/ml



#32 AR-1260-2

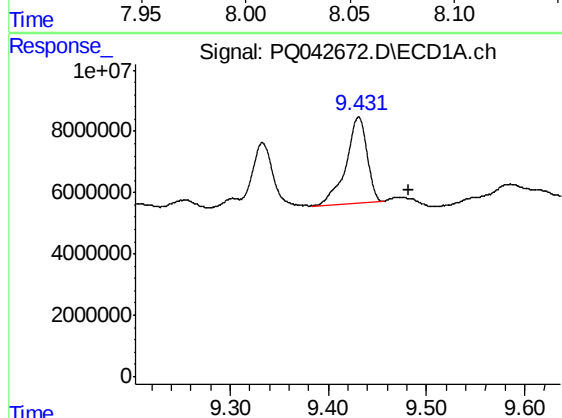
R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 138857220
Conc: 577.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



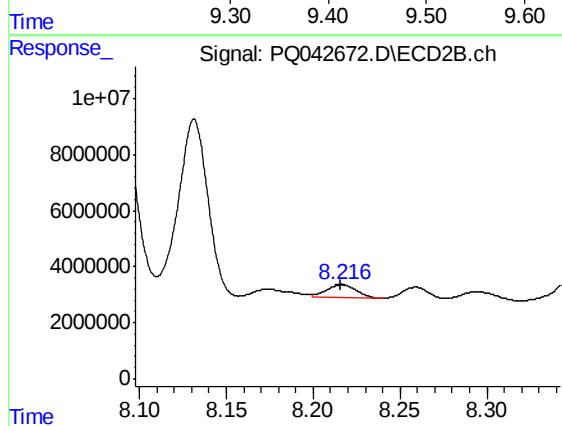
#32 AR-1260-2

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 11035780
Conc: 41.20 ng/ml



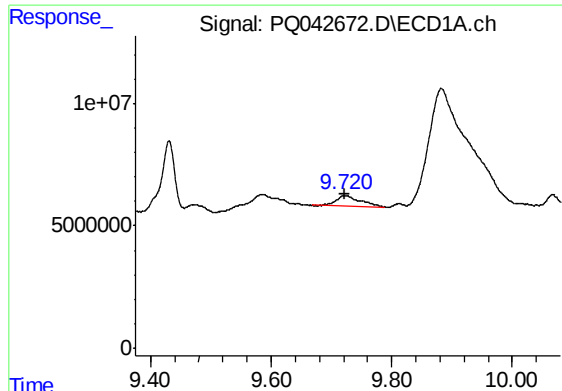
#33 AR-1260-3

R.T.: 9.431 min
Delta R.T.: -0.051 min
Response: 41855725
Conc: 193.59 ng/ml



#33 AR-1260-3

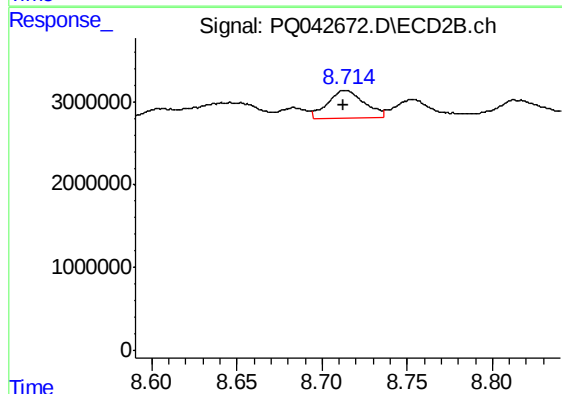
R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 5485565
Conc: 23.01 ng/ml



#34 AR-1260-4

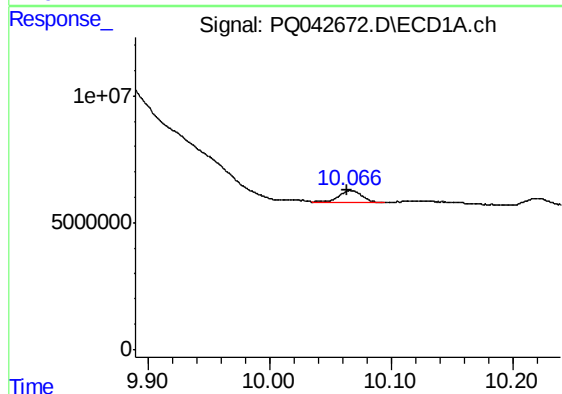
R.T.: 9.720 min
Delta R.T.: -0.001 min
Response: 12149639
Conc: 50.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



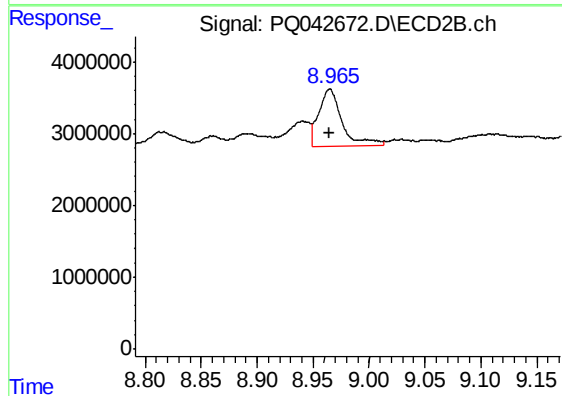
#34 AR-1260-4

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 5034740
Conc: 22.21 ng/ml



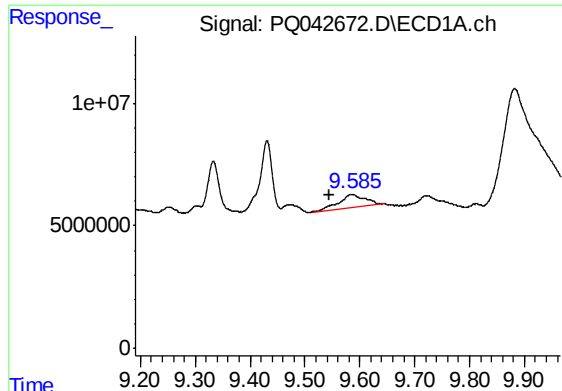
#35 AR-1260-5

R.T.: 10.067 min
Delta R.T.: 0.003 min
Response: 6556493
Conc: 11.04 ng/ml



#35 AR-1260-5

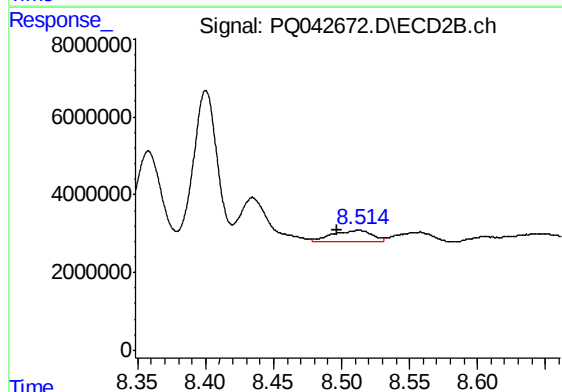
R.T.: 8.965 min
Delta R.T.: 0.000 min
Response: 11494270
Conc: 18.46 ng/ml



#36 AR-1262-1

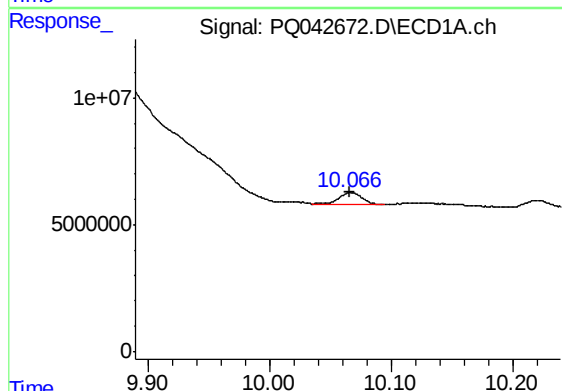
R.T.: 9.586 min
Delta R.T.: 0.042 min
Response: 18383047
Conc: 127.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ13



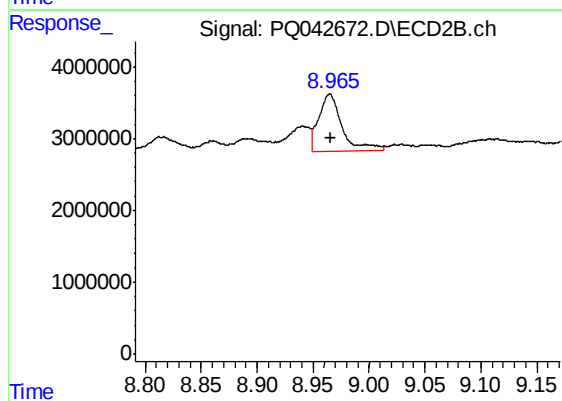
#36 AR-1262-1

R.T.: 8.513 min
Delta R.T.: 0.017 min
Response: 6075738
Conc: 35.49 ng/ml



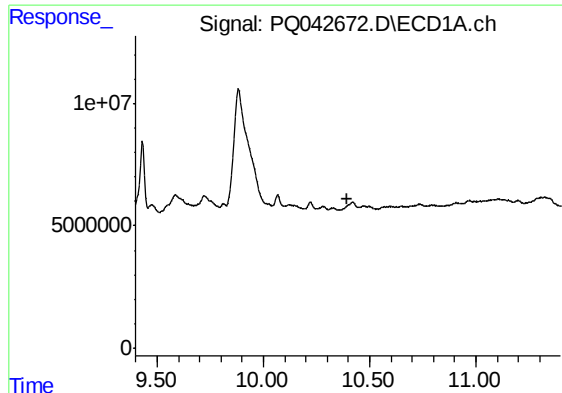
#37 AR-1262-2

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 6556493
Conc: 8.71 ng/ml



#37 AR-1262-2

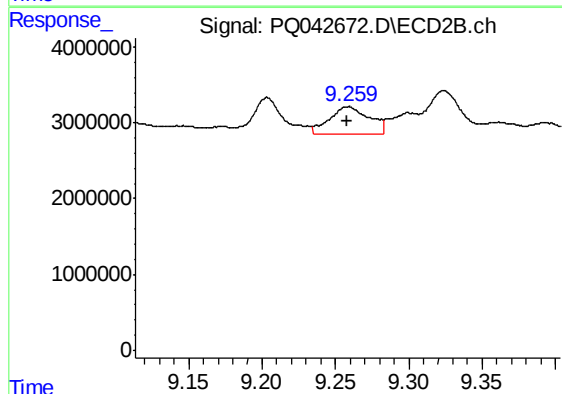
R.T.: 8.965 min
Delta R.T.: -0.001 min
Response: 11494270
Conc: 13.76 ng/ml



#38 AR-1262-3

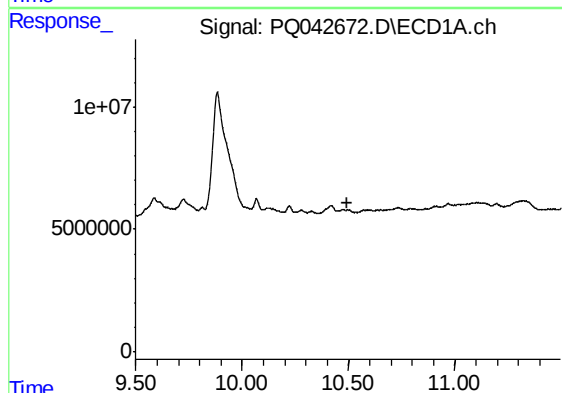
R.T.: 0.000 min
Exp R.T. : 10.398 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



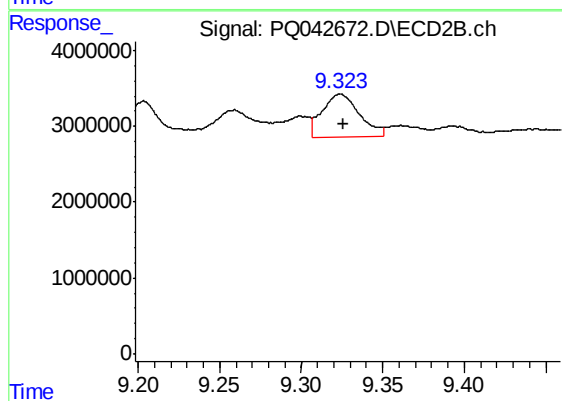
#38 AR-1262-3

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 6758563
Conc: 19.01 ng/ml



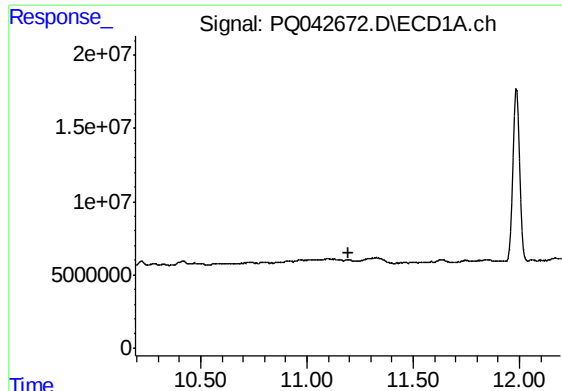
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.497 min
Response: 0
Conc: N.D.



#39 AR-1262-4

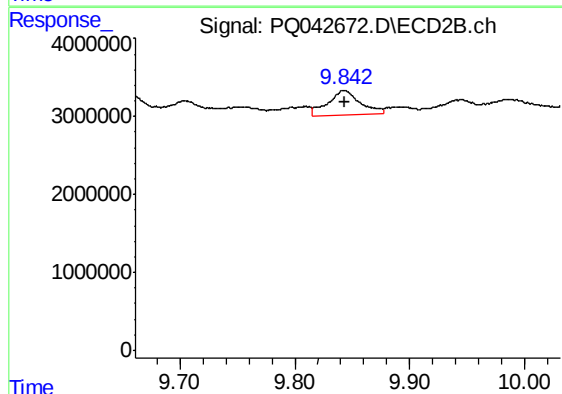
R.T.: 9.324 min
Delta R.T.: -0.002 min
Response: 8959369
Conc: 13.89 ng/ml



#40 AR-1262-5

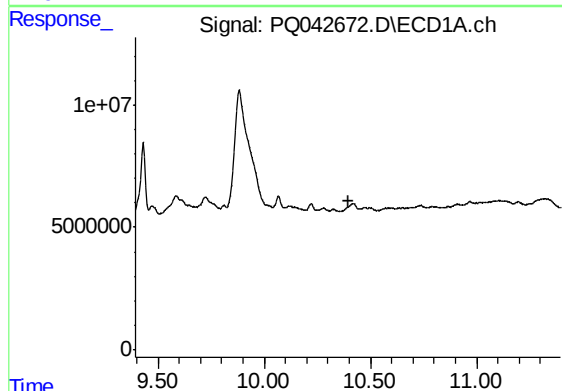
R.T.: 0.000 min
Exp R.T. : 11.193 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



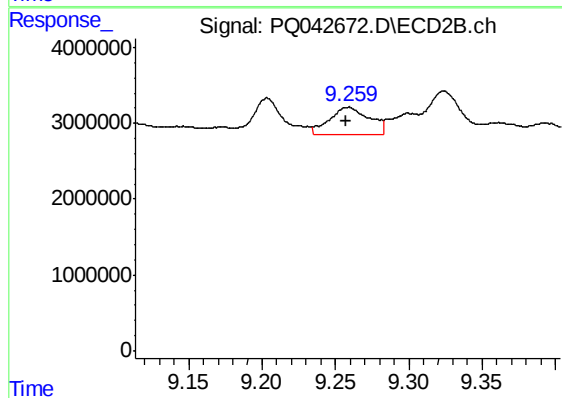
#40 AR-1262-5

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 6172467
Conc: 19.51 ng/ml



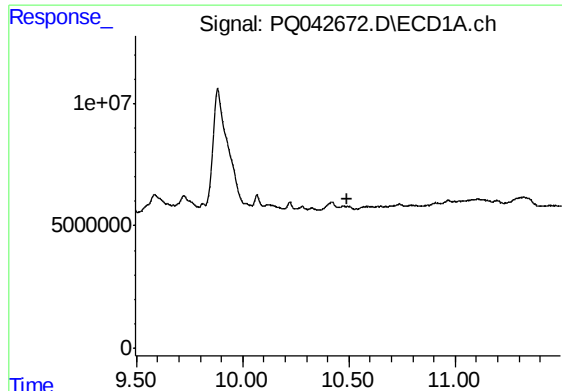
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.394 min
Response: 0
Conc: N.D.



#41 AR-1268-1

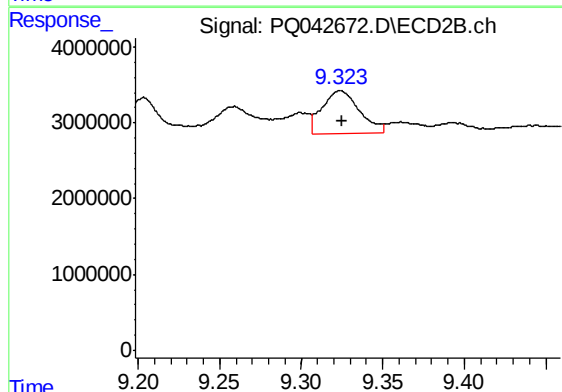
R.T.: 9.259 min
Delta R.T.: 0.001 min
Response: 6758563
Conc: 6.73 ng/ml



#42 AR-1268-2

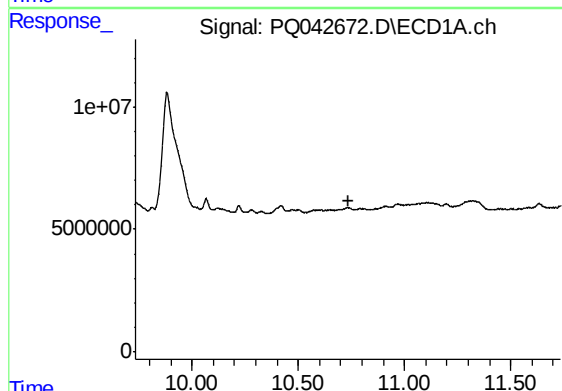
R.T.: 0.000 min
Exp R.T. : 10.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



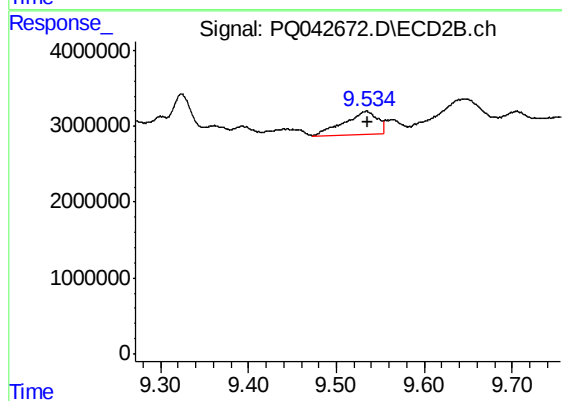
#42 AR-1268-2

R.T.: 9.324 min
Delta R.T.: -0.001 min
Response: 8959369
Conc: 9.54 ng/ml



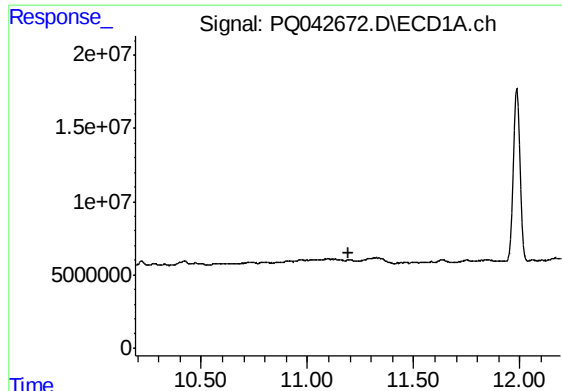
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.734 min
Response: 0
Conc: N.D.



#43 AR-1268-3

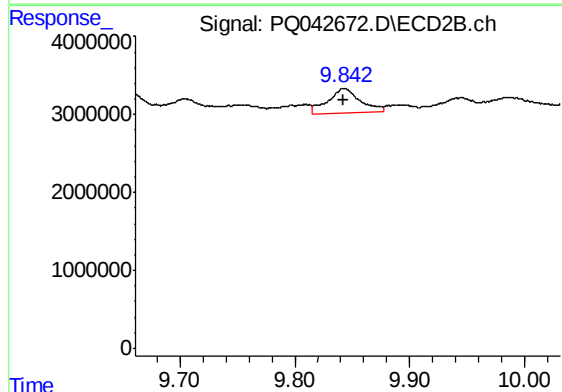
R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 7896941
Conc: 9.91 ng/ml



#44 AR-1268-4

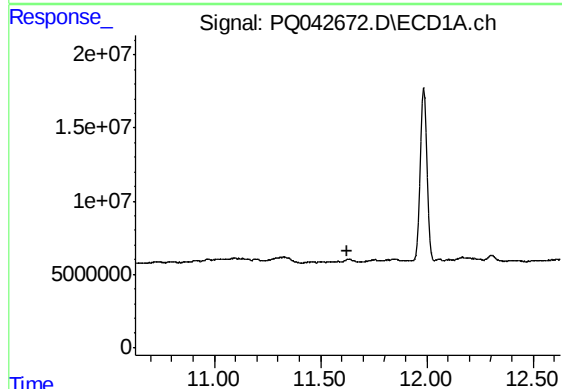
R.T.: 0.000 min
Exp R.T. : 11.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ13



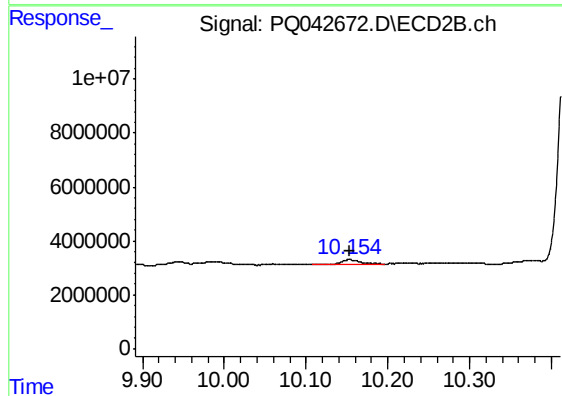
#44 AR-1268-4

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 6172467
Conc: 18.04 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.628 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 2735029
Conc: 1.07 ng/ml