

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 16:19
 Operator : SM\AJ
 Sample : K3837-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:34:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.715	4.770	162.4E6	108.4E6	15.992	16.620
2)	SA Decachlor...	12.133	10.543	164.7E6	61321191	12.822	13.117
Target Compounds							
3)	L1 AR-1016-1	7.161	6.249	31321131	61260765	78.787	244.119 #
4)	L1 AR-1016-2	7.187	6.249	59679946	61260765	102.944	171.856 #
5)	L1 AR-1016-3	7.258	6.464	14069771	20220828	41.158	108.810 #
6)	L1 AR-1016-4	7.372	6.516	47250026	53331099	163.260	349.898 #
7)	L1 AR-1016-5	7.704	6.771	95144870	61306741	349.365	321.967
8)	L2 AR-1221-1	0.000	5.030	0	6939786	N.D.	93.675 #
9)	L2 AR-1221-2	0.000	5.184	0	5664209	N.D.	105.893 #
10)	L2 AR-1221-3	6.212	5.362	18627579	12923244	70.522	74.272
11)	L3 AR-1232-1	6.212	5.362	18627579	12923244	93.767	94.239
12)	L3 AR-1232-2	6.842	6.249	16247620	61260765	155.120	420.807 #
13)	L3 AR-1232-3	7.187	6.464	59679946	20220828	258.404	271.592
14)	L3 AR-1232-4	7.372	6.566	47250026	48486664	421.162	763.606 #
15)	L3 AR-1232-5	7.475	6.771	56555363	61306741	781.723	893.987
16)	L4 AR-1242-1	7.161	6.249	31321131	61260765	70.377	213.012 #
17)	L4 AR-1242-2	7.187	6.249	59679946	61260765	90.294	147.716 #
18)	L4 AR-1242-3	7.258	6.464	14069771	20220828	36.654	94.750 #
19)	L4 AR-1242-4	7.372	6.566	47250026	48486664	141.729	245.333 #
20)	L4 AR-1242-5	8.193	7.178	174.1E6	102.6E6	362.869	345.608
21)	L5 AR-1248-1	7.161	6.249	31321131	61260765	102.624	313.563 #
22)	L5 AR-1248-2	7.475	6.516	56555363	53331099	146.693	208.796 #
23)	L5 AR-1248-3	7.704	6.566	95144870	48486664	193.879	186.036
24)	L5 AR-1248-4	8.152	6.771	140.6E6	61306741	236.279	193.200
25)	L5 AR-1248-5	8.193	7.226	174.1E6	104.8E6	297.613	313.802
26)	L6 AR-1254-1	8.121	7.178	104.8E6	102.6E6	203.272	283.910 #
27)	L6 AR-1254-2	8.363	7.347	173.5E6	32233983	268.995	105.483 #
28)	L6 AR-1254-3	8.754	7.795	93794780	86273034	128.216	174.007 #
29)	L6 AR-1254-4	9.057	8.044	99196500	60146827	156.819	176.487
30)	L6 AR-1254-5	9.496	8.490	61277684	34976193	106.106	83.390
31)	L7 AR-1260-1	8.928	7.951	28204278	37187599	53.329	109.446 #
32)	L7 AR-1260-2	9.197	8.139	40933954	17473674	54.613	39.293 #
33)	L7 AR-1260-3	0.000	8.306	0	25375831	N.D.	68.046 #
34)	L7 AR-1260-4	9.804	8.804	27363230	6183342	45.100	20.561 #
35)	L7 AR-1260-5	10.167	9.054	29053263	13166420	20.358	17.780
36)	L8 AR-1262-1	0.000	8.526	0	7492527	N.D.	13.787 #
37)	L8 AR-1262-2	10.167	9.054	29053263	13166420	16.295	14.913
38)	L8 AR-1262-3	0.000	9.348	0	25790830	N.D.	73.976 #
39)	L8 AR-1262-4	0.000	9.417	0	30327225	N.D.	49.459 #
40)	L8 AR-1262-5	0.000	9.943	0	4393693	N.D.	16.774 #
41)	L9 AR-1268-1	0.000	9.348	0	25790830	N.D.	28.345 #

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 Acq On : 16 Jul 2019 16:19
 Operator : SM\AJ
 Sample : K3837-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

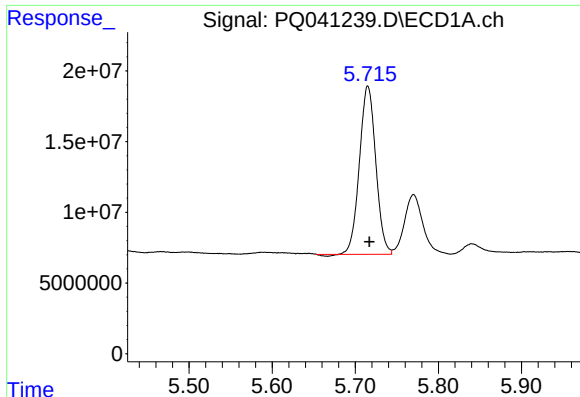
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:34:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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	9.417	0	30327225	N.D.	37.531 #
44) L9	AR-1268-4	0.000	9.943	0	4393693	N.D.	15.951 #

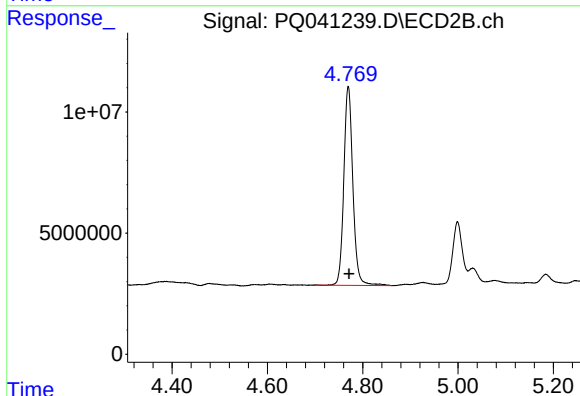
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

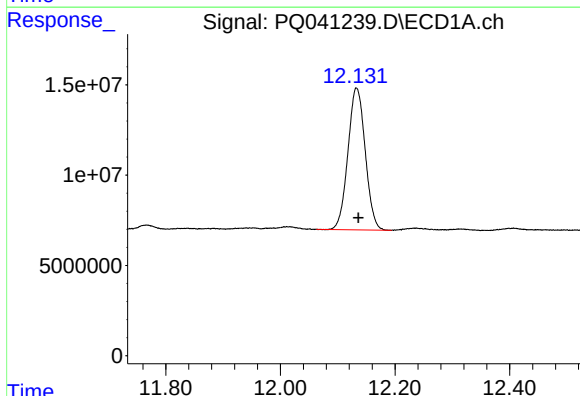
R.T.: 5.715 min
Delta R.T.: -0.002 min
Response: 162443712
Conc: 15.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



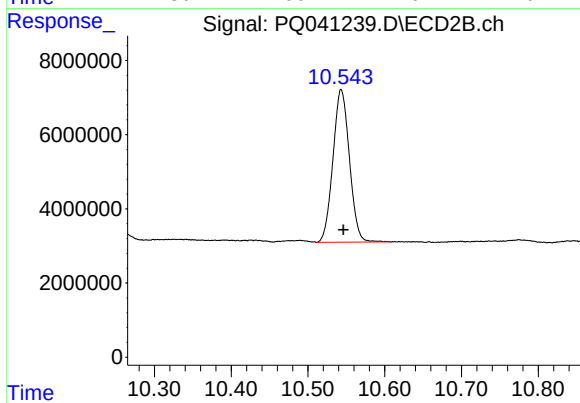
#1 Tetrachloro-m-xylene

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 108376950
Conc: 16.62 ng/ml



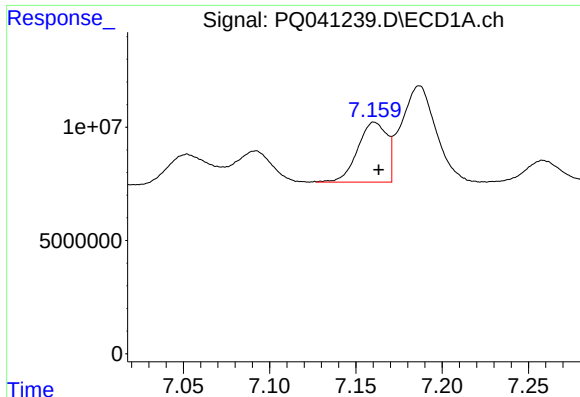
#2 Decachlorobiphenyl

R.T.: 12.133 min
Delta R.T.: -0.004 min
Response: 164668293
Conc: 12.82 ng/ml



#2 Decachlorobiphenyl

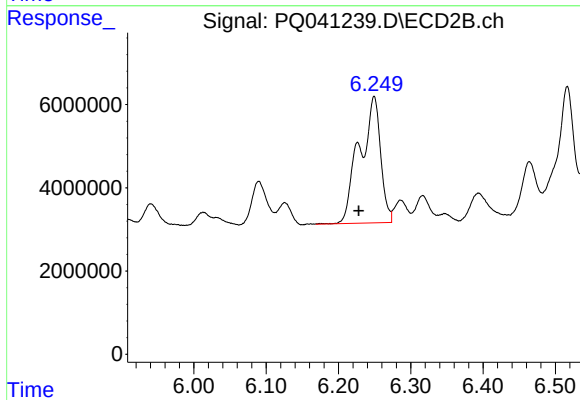
R.T.: 10.543 min
Delta R.T.: -0.003 min
Response: 61321191
Conc: 13.12 ng/ml



#3 AR-1016-1

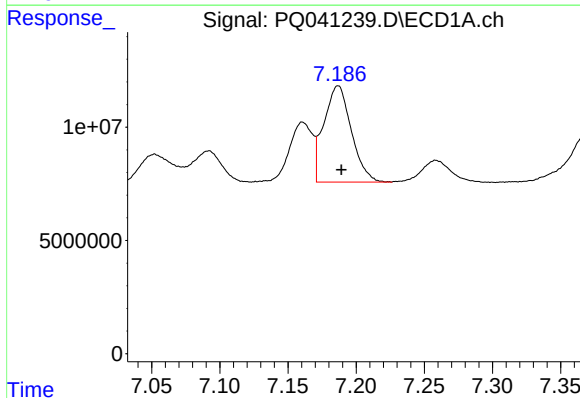
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 31321131
Conc: 78.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



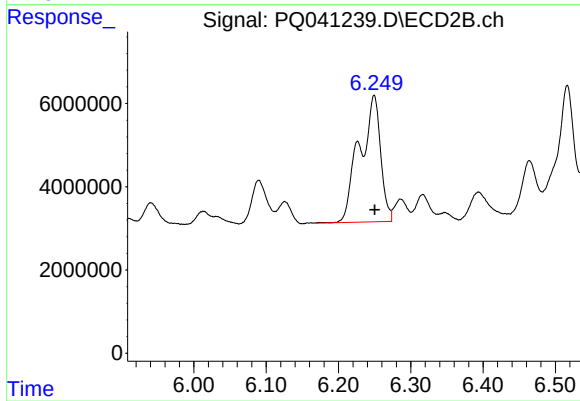
#3 AR-1016-1

R.T.: 6.249 min
Delta R.T.: 0.021 min
Response: 61260765
Conc: 244.12 ng/ml



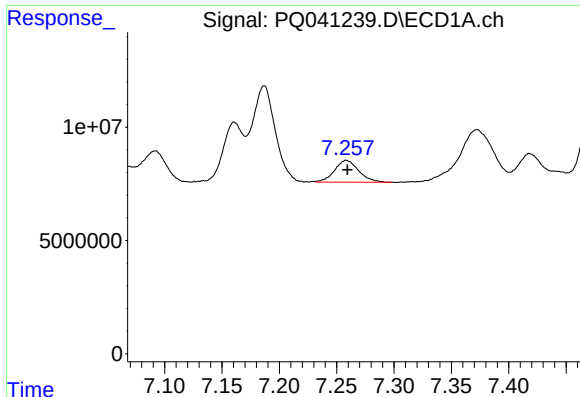
#4 AR-1016-2

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 59679946
Conc: 102.94 ng/ml



#4 AR-1016-2

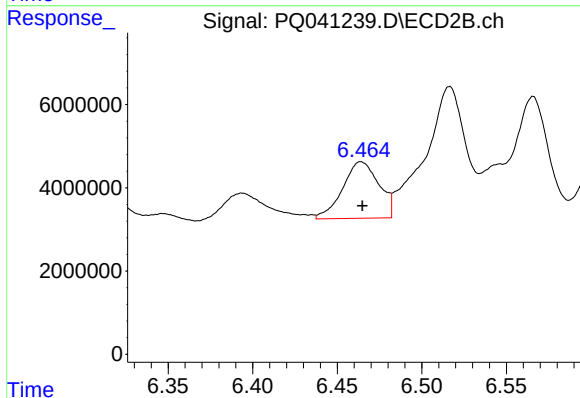
R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 61260765
Conc: 171.86 ng/ml



#5 AR-1016-3

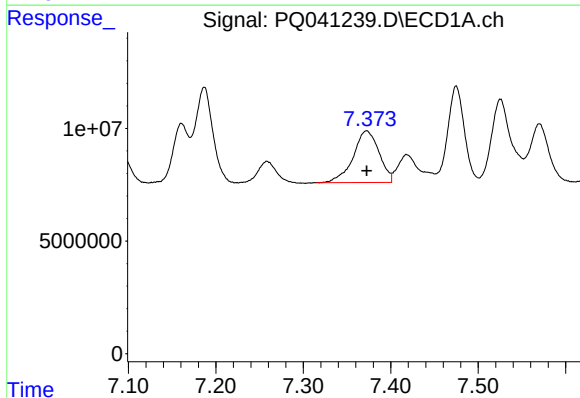
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 14069771
Conc: 41.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



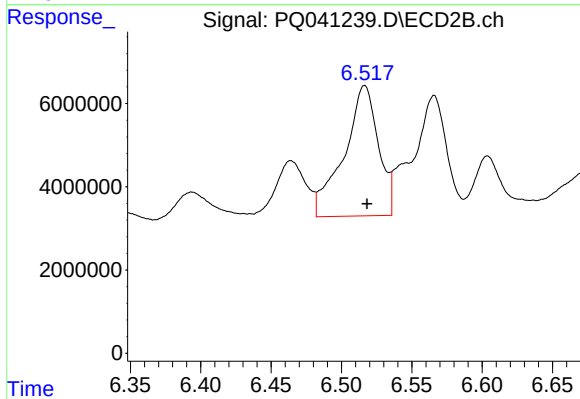
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 20220828
Conc: 108.81 ng/ml



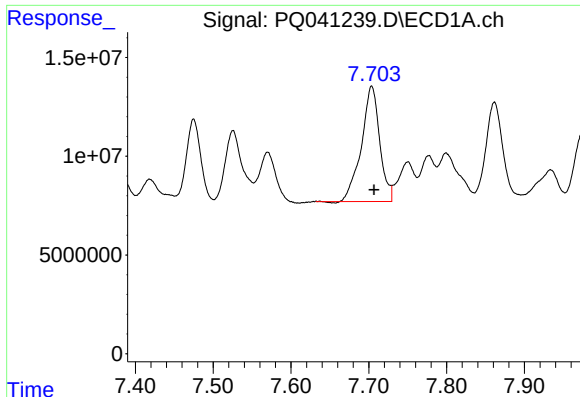
#6 AR-1016-4

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 47250026
Conc: 163.26 ng/ml



#6 AR-1016-4

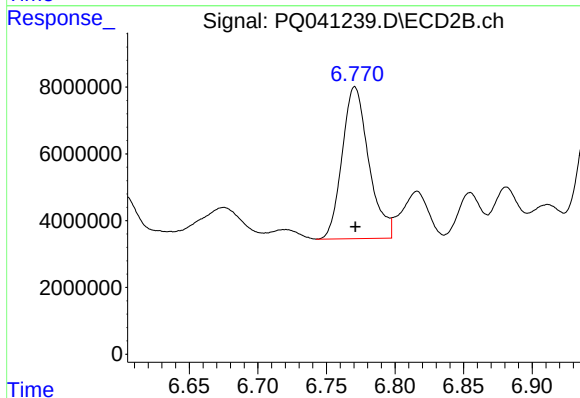
R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 53331099
Conc: 349.90 ng/ml



#7 AR-1016-5

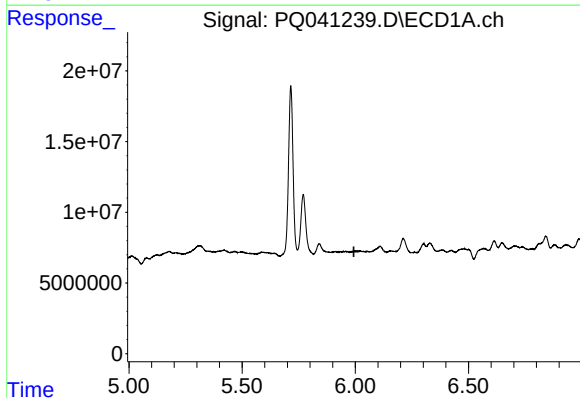
R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 95144870
Conc: 349.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



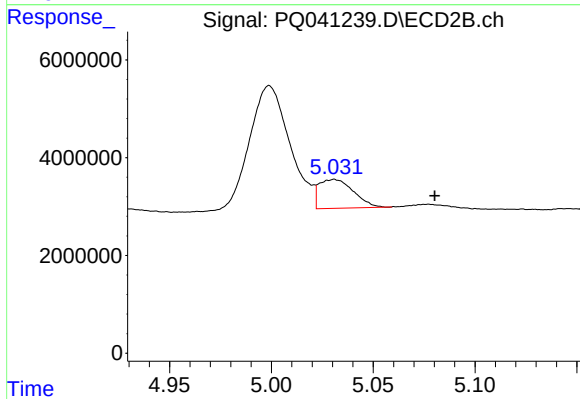
#7 AR-1016-5

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 61306741
Conc: 321.97 ng/ml



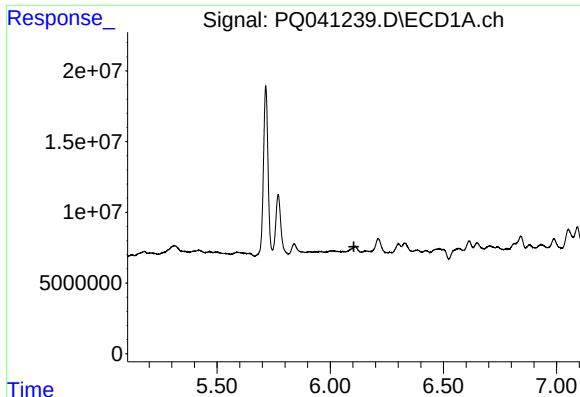
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.994 min
Response: 0
Conc: N.D.



#8 AR-1221-1

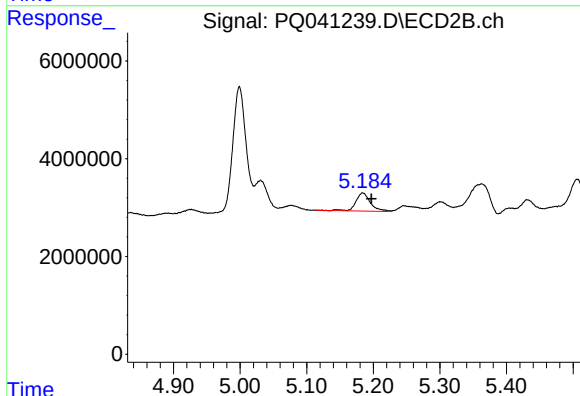
R.T.: 5.030 min
Delta R.T.: -0.050 min
Response: 6939786
Conc: 93.68 ng/ml



#9 AR-1221-2

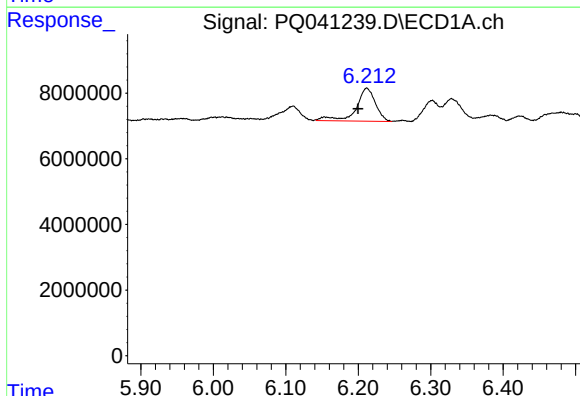
R.T.: 0.000 min
Exp R.T.: 6.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



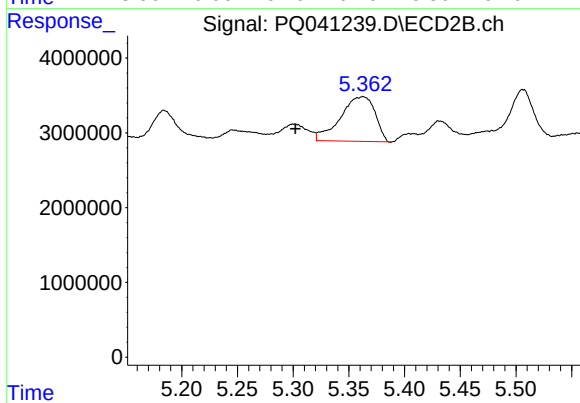
#9 AR-1221-2

R.T.: 5.184 min
Delta R.T.: -0.013 min
Response: 5664209
Conc: 105.89 ng/ml



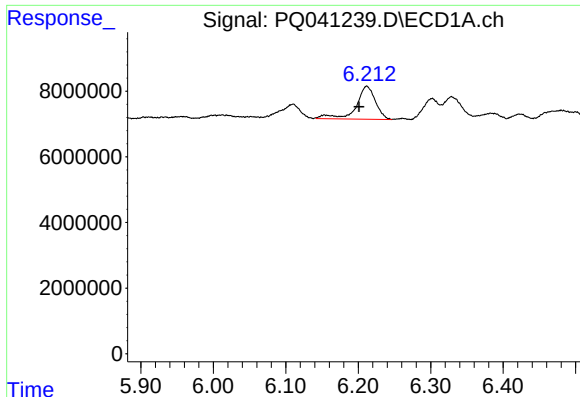
#10 AR-1221-3

R.T.: 6.212 min
Delta R.T.: 0.012 min
Response: 18627579
Conc: 70.52 ng/ml



#10 AR-1221-3

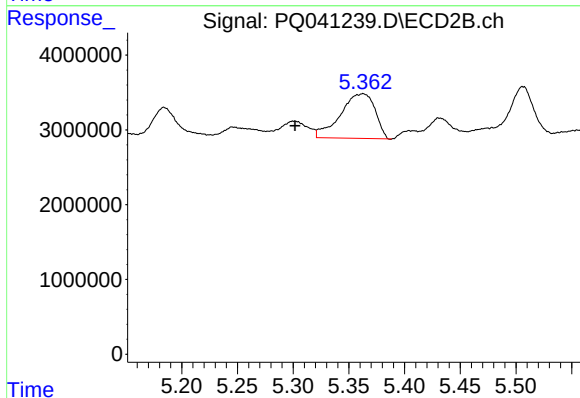
R.T.: 5.362 min
Delta R.T.: 0.060 min
Response: 12923244
Conc: 74.27 ng/ml



#11 AR-1232-1

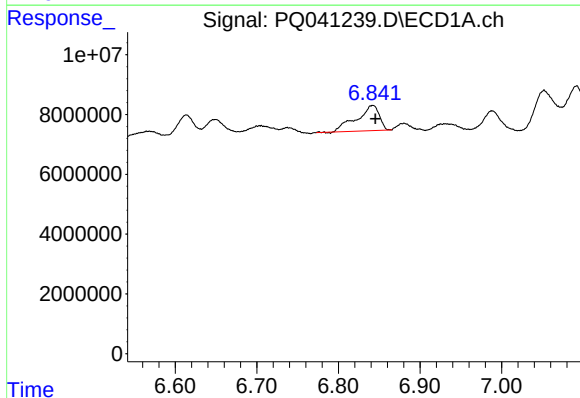
R.T.: 6.212 min
Delta R.T.: 0.011 min
Response: 18627579
Conc: 93.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



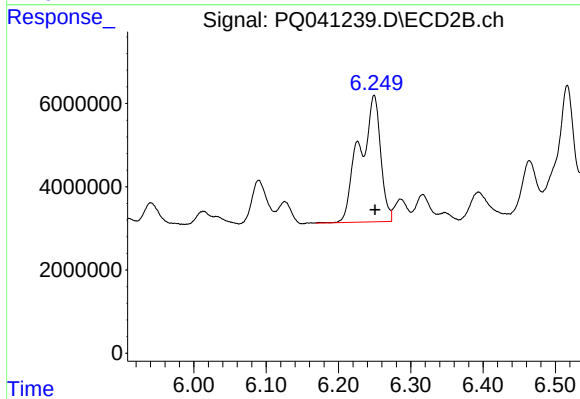
#11 AR-1232-1

R.T.: 5.362 min
Delta R.T.: 0.060 min
Response: 12923244
Conc: 94.24 ng/ml



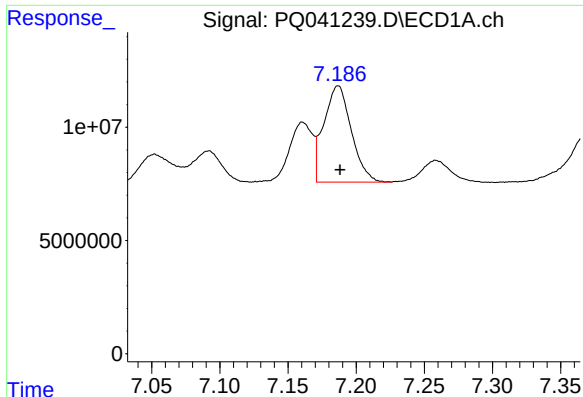
#12 AR-1232-2

R.T.: 6.842 min
Delta R.T.: -0.003 min
Response: 16247620
Conc: 155.12 ng/ml



#12 AR-1232-2

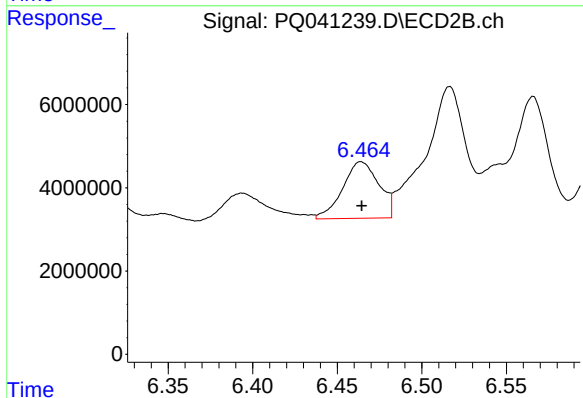
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 61260765
Conc: 420.81 ng/ml



#13 AR-1232-3

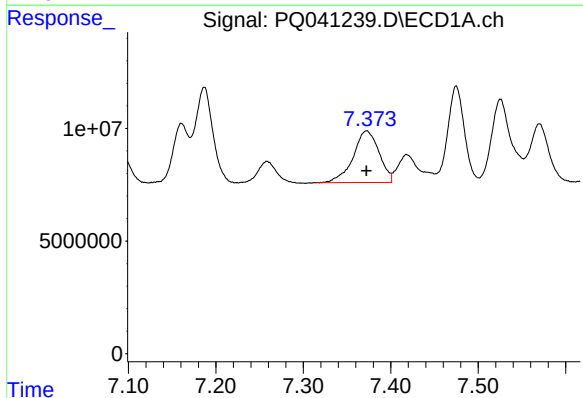
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 59679946
Conc: 258.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



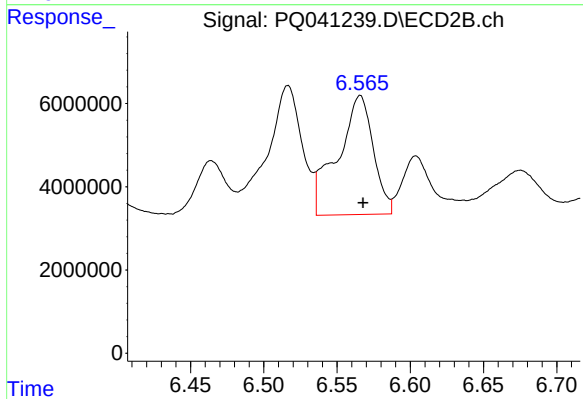
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 20220828
Conc: 271.59 ng/ml



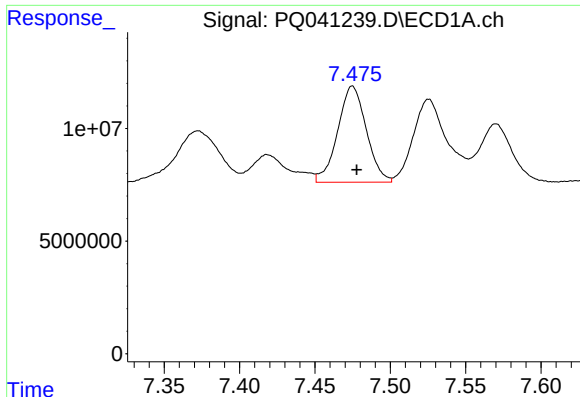
#14 AR-1232-4

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 47250026
Conc: 421.16 ng/ml



#14 AR-1232-4

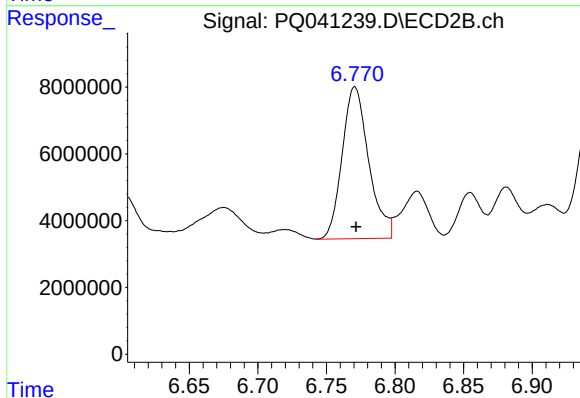
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 48486664
Conc: 763.61 ng/ml



#15 AR-1232-5

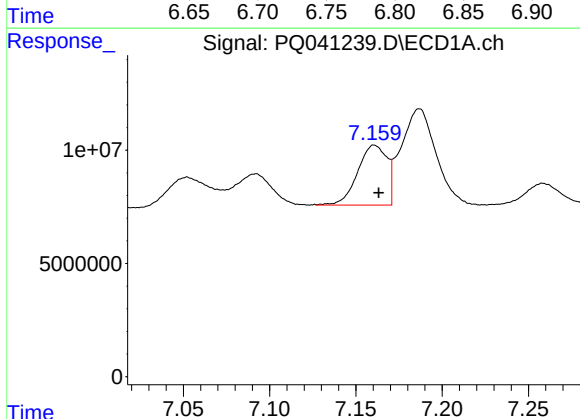
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 56555363
Conc: 781.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



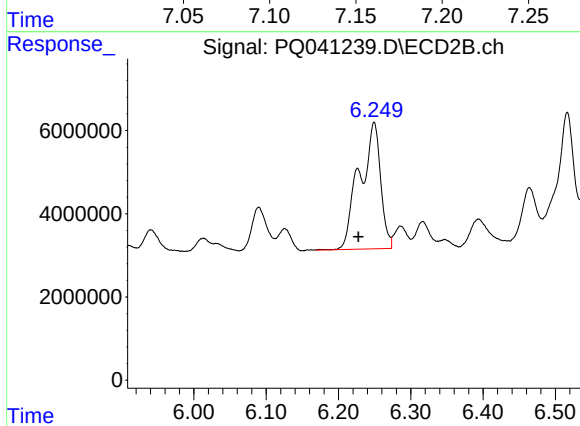
#15 AR-1232-5

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 61306741
Conc: 893.99 ng/ml



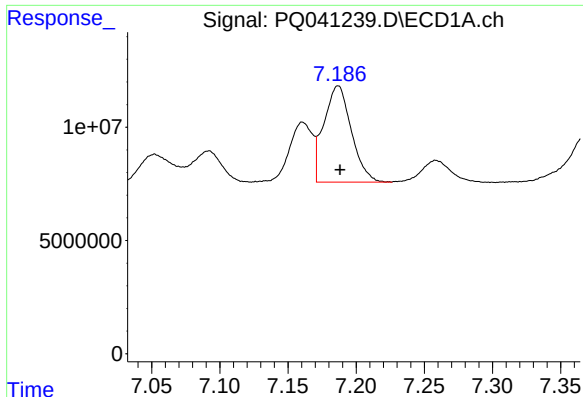
#16 AR-1242-1

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 31321131
Conc: 70.38 ng/ml



#16 AR-1242-1

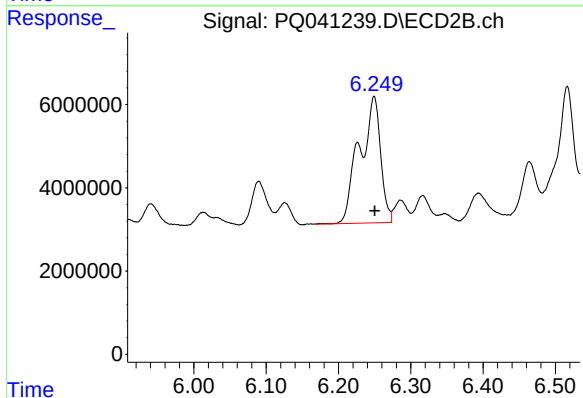
R.T.: 6.249 min
Delta R.T.: 0.022 min
Response: 61260765
Conc: 213.01 ng/ml



#17 AR-1242-2

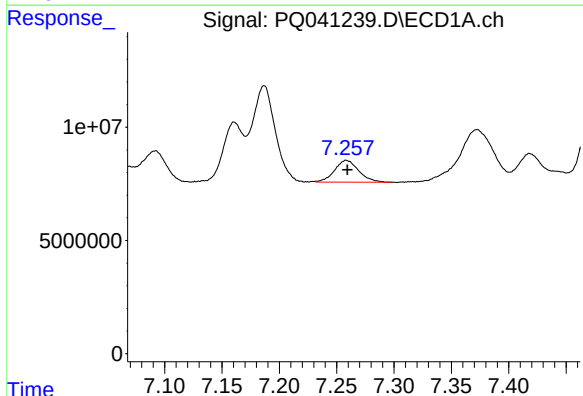
R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 59679946
Conc: 90.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



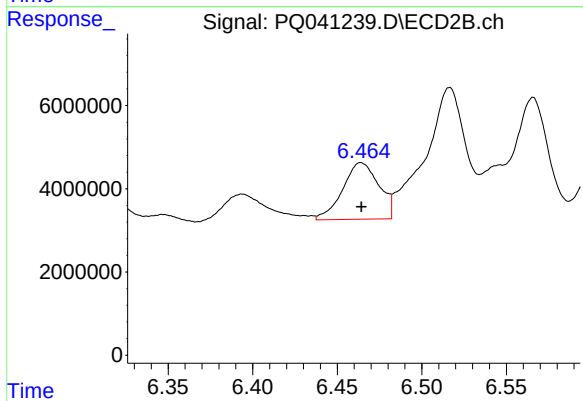
#17 AR-1242-2

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 61260765
Conc: 147.72 ng/ml



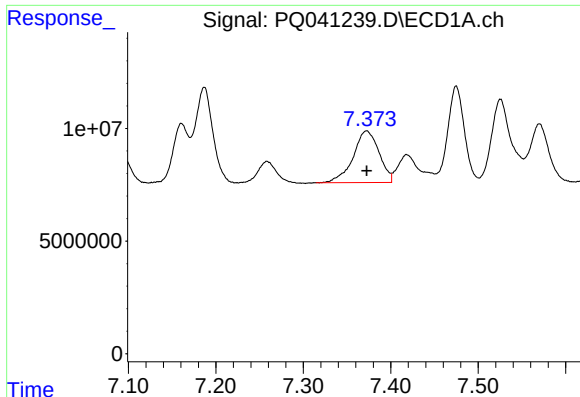
#18 AR-1242-3

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 14069771
Conc: 36.65 ng/ml



#18 AR-1242-3

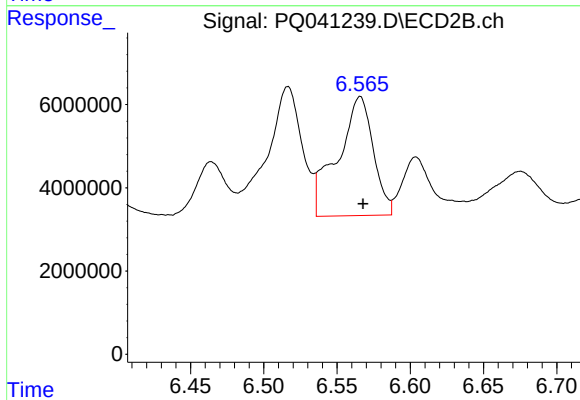
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 20220828
Conc: 94.75 ng/ml



#19 AR-1242-4

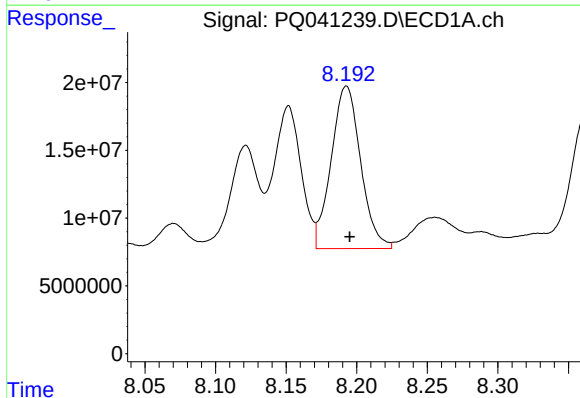
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 47250026
Conc: 141.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



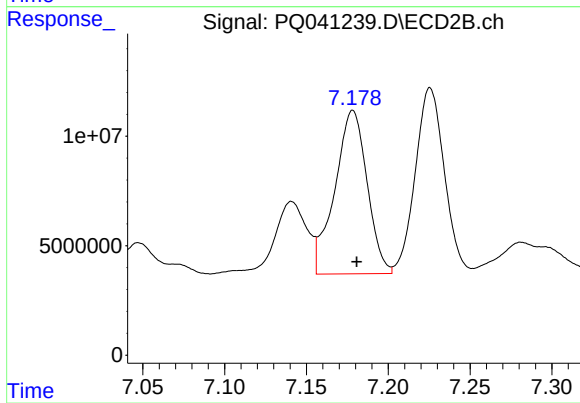
#19 AR-1242-4

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 48486664
Conc: 245.33 ng/ml



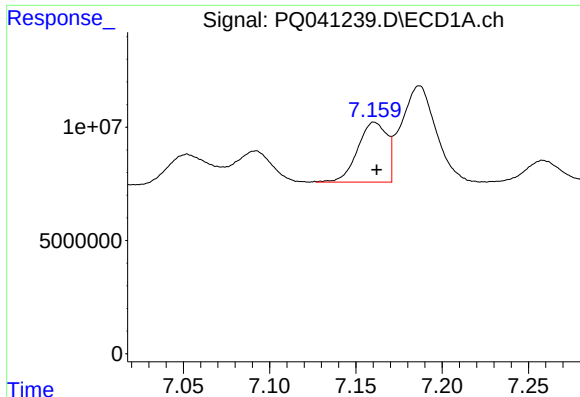
#20 AR-1242-5

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 174050570
Conc: 362.87 ng/ml



#20 AR-1242-5

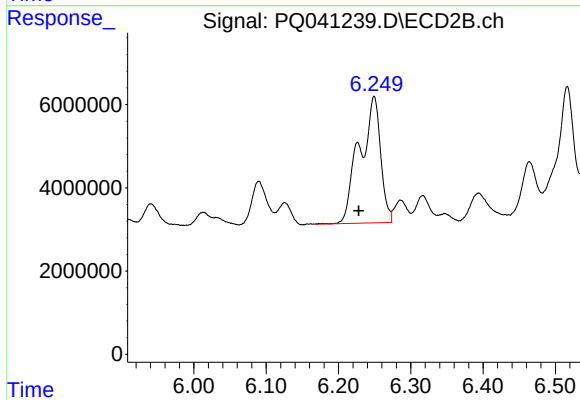
R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 102636513
Conc: 345.61 ng/ml



#21 AR-1248-1

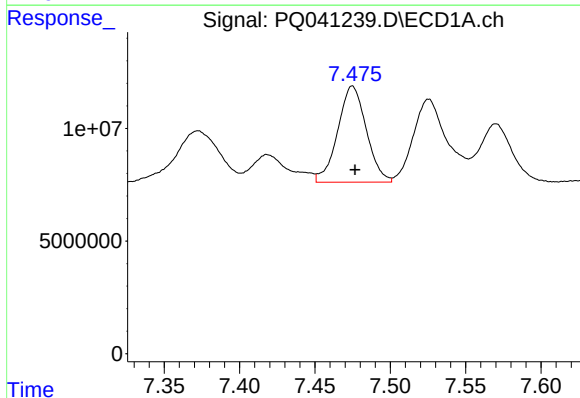
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 31321131
Conc: 102.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



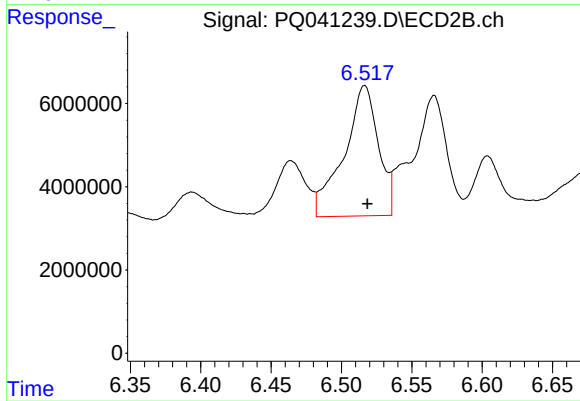
#21 AR-1248-1

R.T.: 6.249 min
Delta R.T.: 0.021 min
Response: 61260765
Conc: 313.56 ng/ml



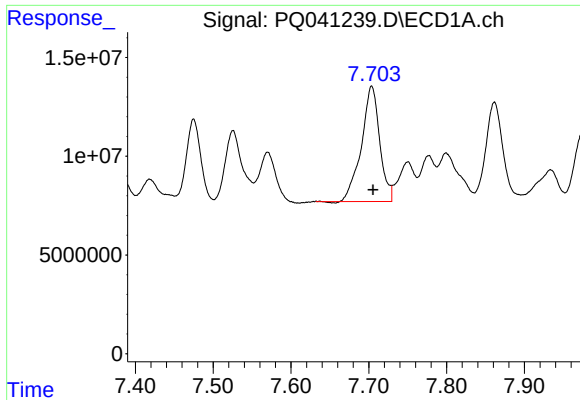
#22 AR-1248-2

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 56555363
Conc: 146.69 ng/ml



#22 AR-1248-2

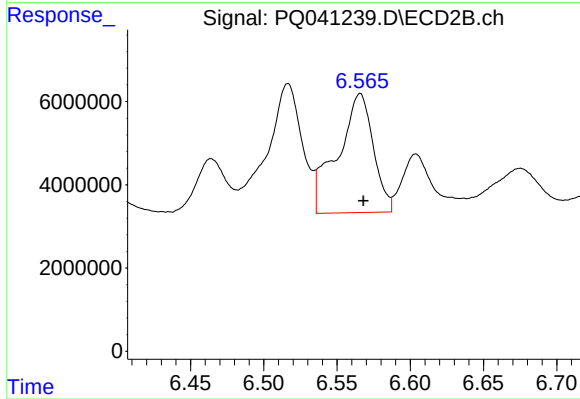
R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 53331099
Conc: 208.80 ng/ml



#23 AR-1248-3

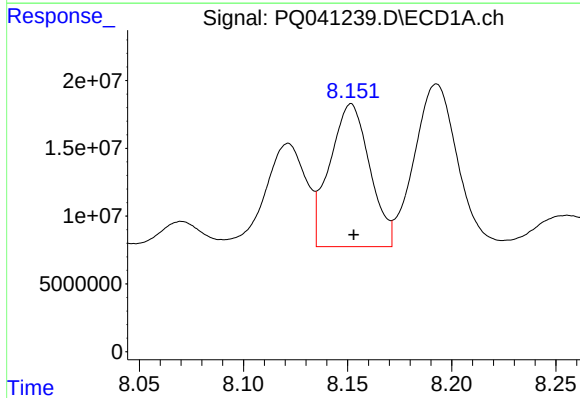
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 95144870
Conc: 193.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



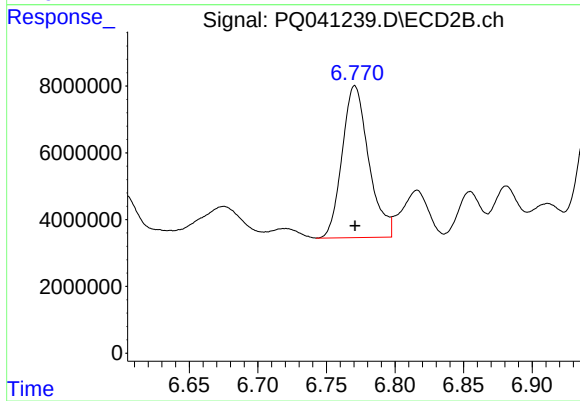
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 48486664
Conc: 186.04 ng/ml



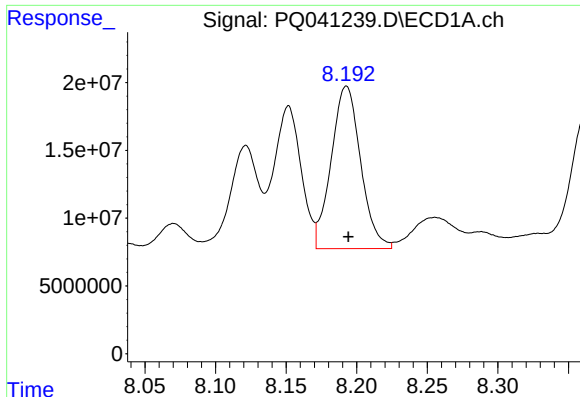
#24 AR-1248-4

R.T.: 8.152 min
Delta R.T.: -0.001 min
Response: 140637455
Conc: 236.28 ng/ml



#24 AR-1248-4

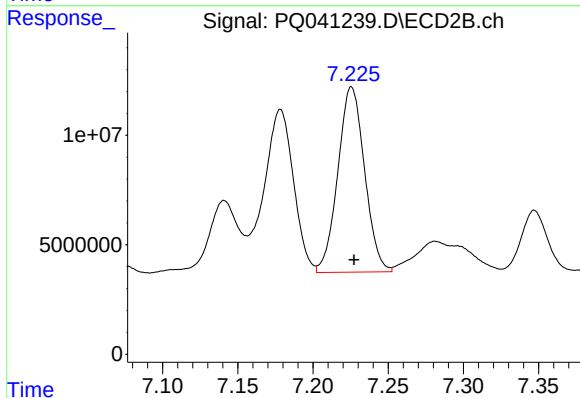
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 61306741
Conc: 193.20 ng/ml



#25 AR-1248-5

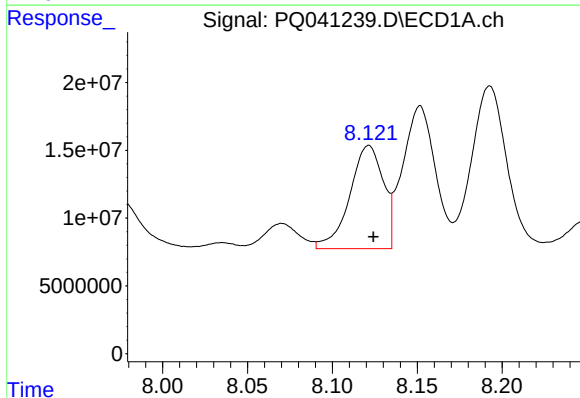
R.T.: 8.193 min
Delta R.T.: -0.001 min
Response: 174050570
Conc: 297.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



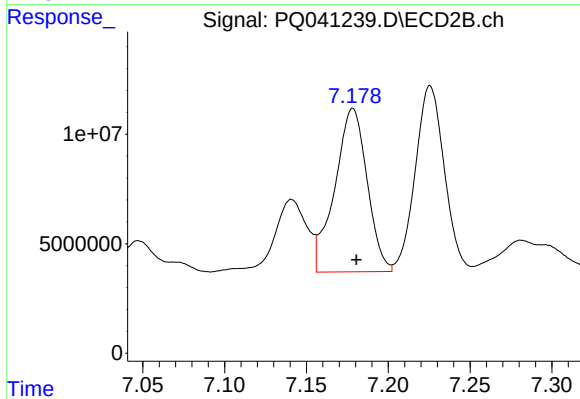
#25 AR-1248-5

R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 104754892
Conc: 313.80 ng/ml



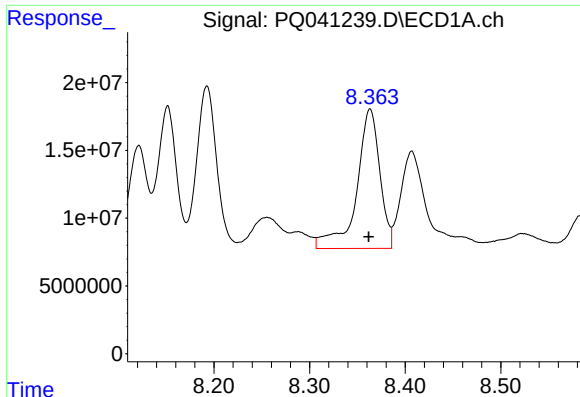
#26 AR-1254-1

R.T.: 8.121 min
Delta R.T.: -0.003 min
Response: 104833513
Conc: 203.27 ng/ml



#26 AR-1254-1

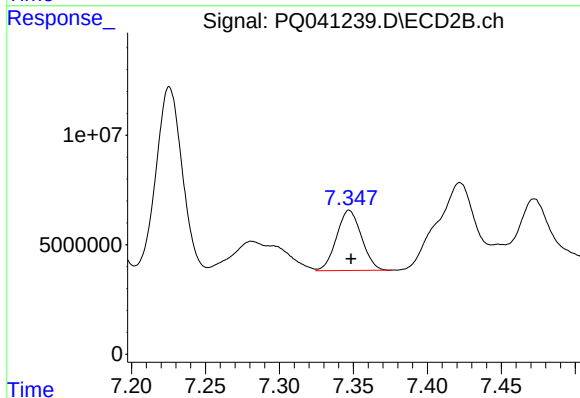
R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 102636513
Conc: 283.91 ng/ml



#27 AR-1254-2

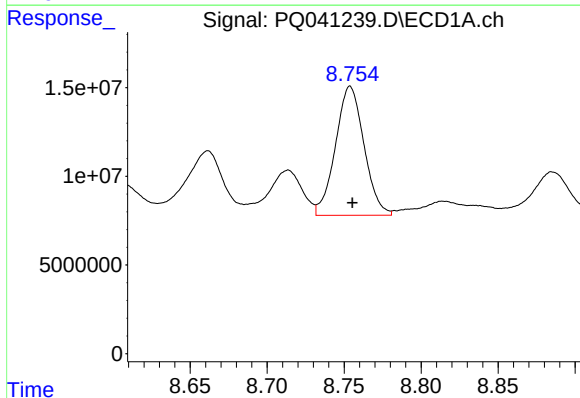
R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 173468916
Conc: 268.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



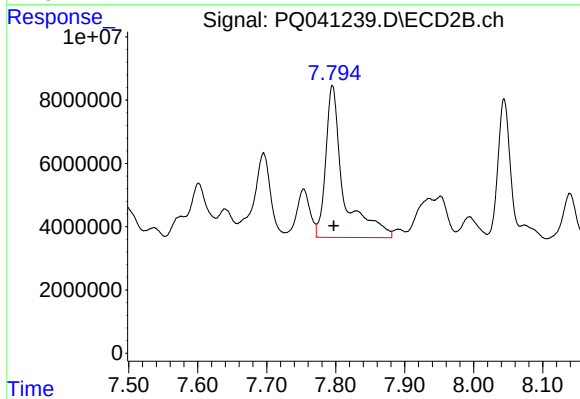
#27 AR-1254-2

R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 32233983
Conc: 105.48 ng/ml



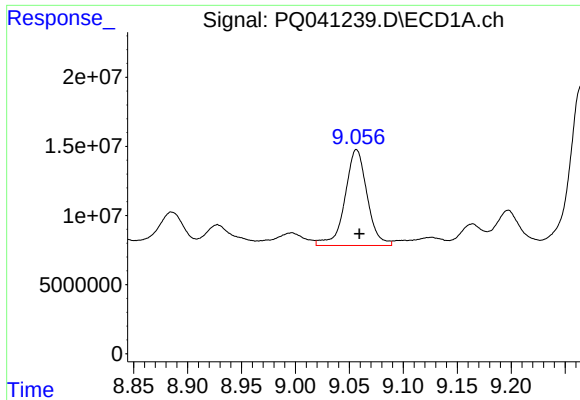
#28 AR-1254-3

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 93794780
Conc: 128.22 ng/ml



#28 AR-1254-3

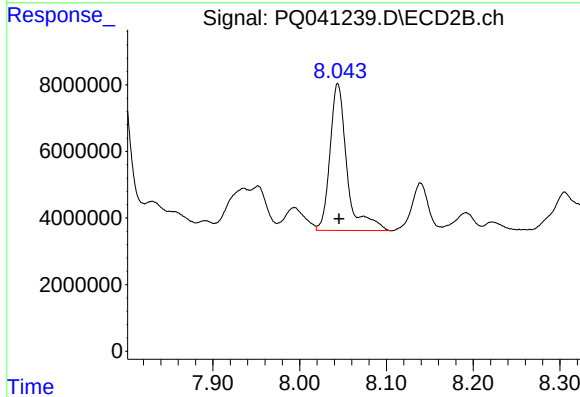
R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 86273034
Conc: 174.01 ng/ml



#29 AR-1254-4

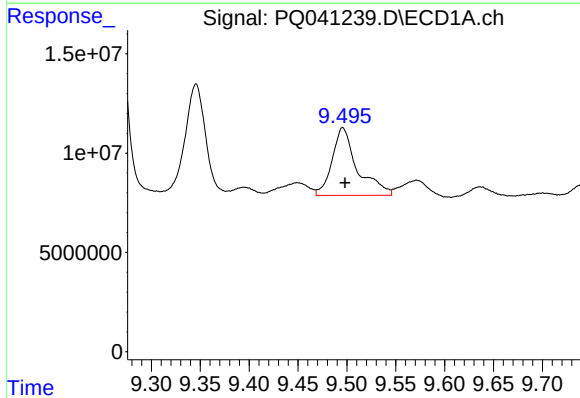
R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 99196500
Conc: 156.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



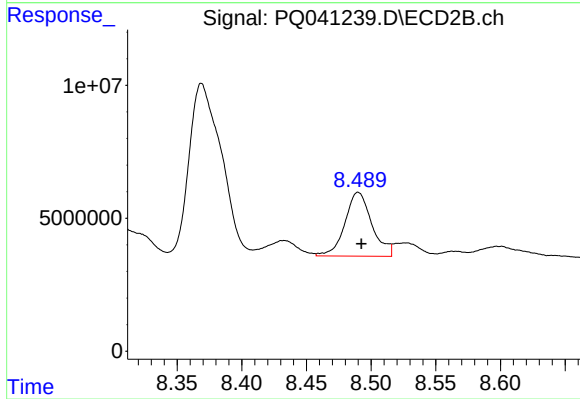
#29 AR-1254-4

R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 60146827
Conc: 176.49 ng/ml



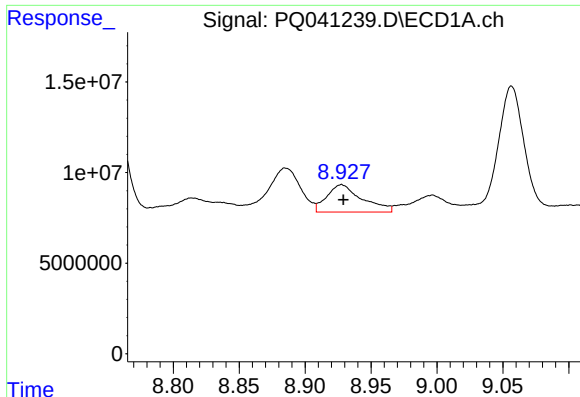
#30 AR-1254-5

R.T.: 9.496 min
Delta R.T.: -0.002 min
Response: 61277684
Conc: 106.11 ng/ml



#30 AR-1254-5

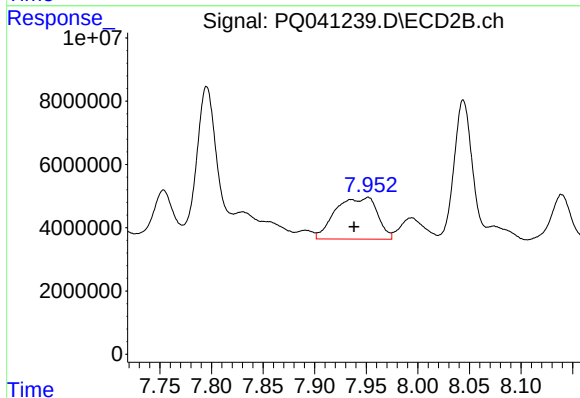
R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 34976193
Conc: 83.39 ng/ml



#31 AR-1260-1

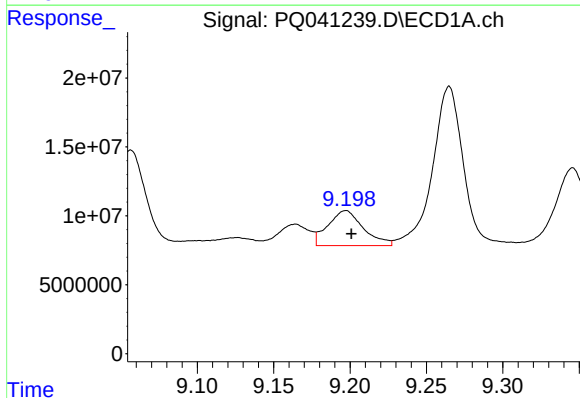
R.T.: 8.928 min
Delta R.T.: -0.001 min
Response: 28204278
Conc: 53.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



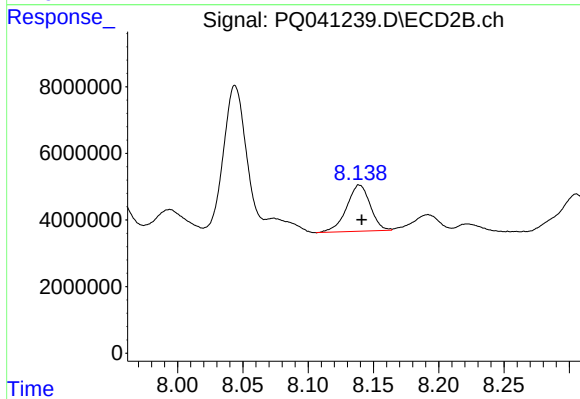
#31 AR-1260-1

R.T.: 7.951 min
Delta R.T.: 0.013 min
Response: 37187599
Conc: 109.45 ng/ml



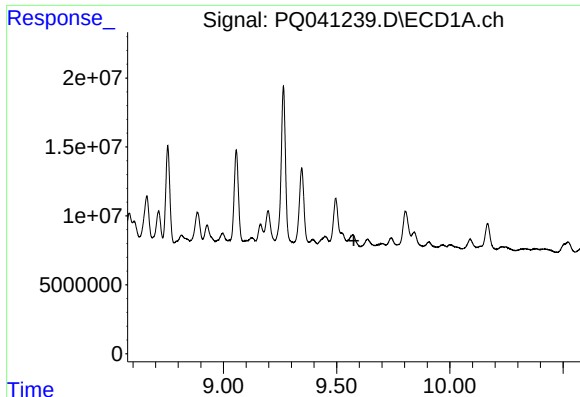
#32 AR-1260-2

R.T.: 9.197 min
Delta R.T.: -0.004 min
Response: 40933954
Conc: 54.61 ng/ml



#32 AR-1260-2

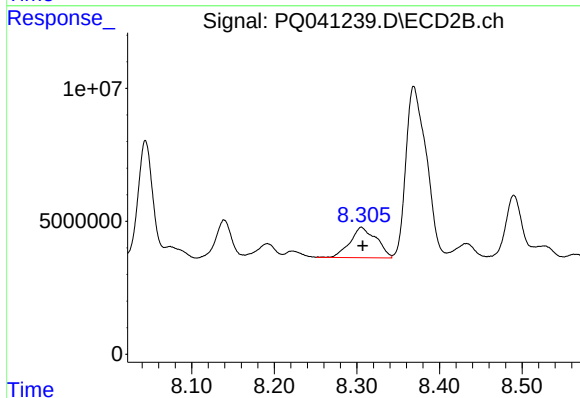
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 17473674
Conc: 39.29 ng/ml



#33 AR-1260-3

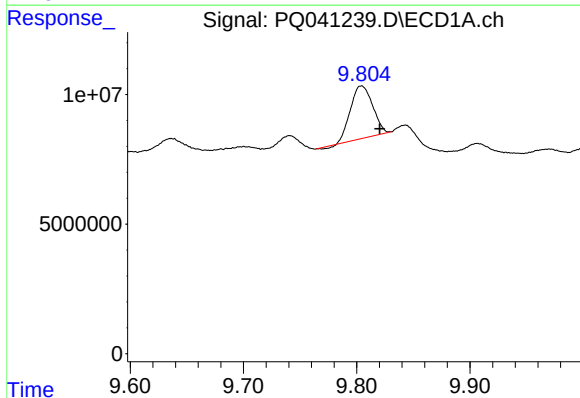
R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



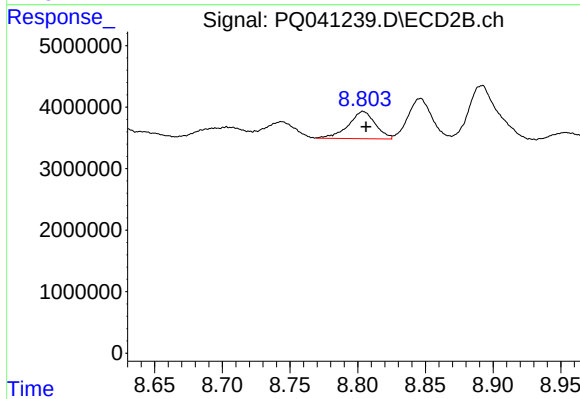
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 25375831
Conc: 68.05 ng/ml



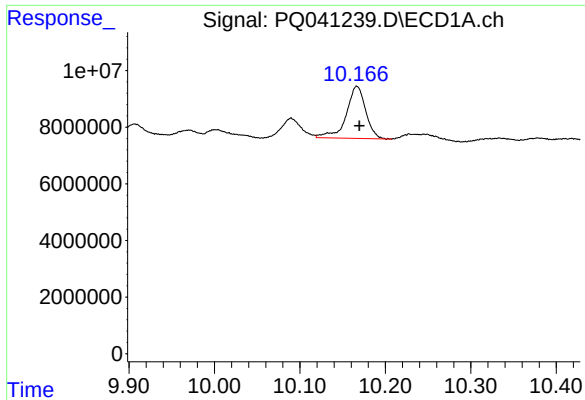
#34 AR-1260-4

R.T.: 9.804 min
Delta R.T.: -0.016 min
Response: 27363230
Conc: 45.10 ng/ml



#34 AR-1260-4

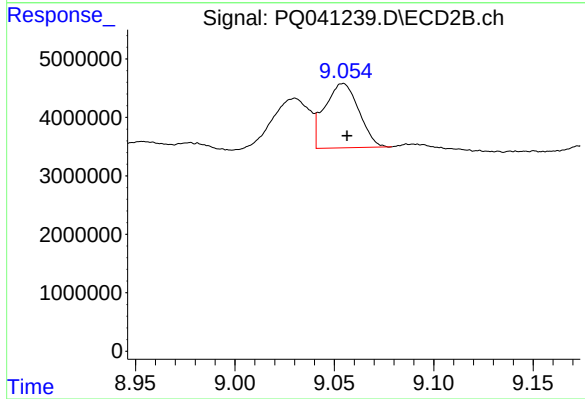
R.T.: 8.804 min
Delta R.T.: -0.002 min
Response: 6183342
Conc: 20.56 ng/ml



#35 AR-1260-5

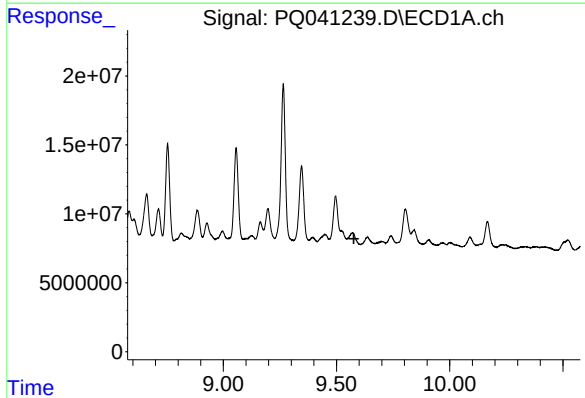
R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 29053263
Conc: 20.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



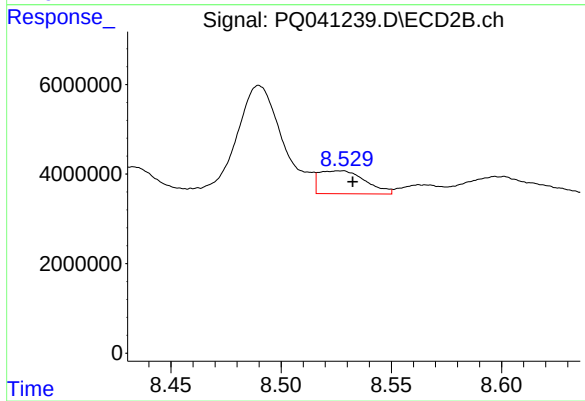
#35 AR-1260-5

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 13166420
Conc: 17.78 ng/ml



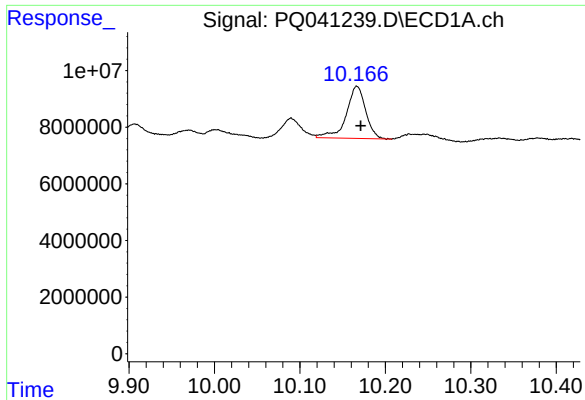
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.577 min
Response: 0
Conc: N.D.



#36 AR-1262-1

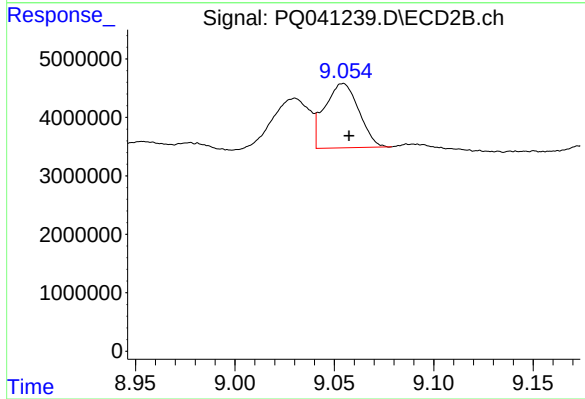
R.T.: 8.526 min
Delta R.T.: -0.007 min
Response: 7492527
Conc: 13.79 ng/ml



#37 AR-1262-2

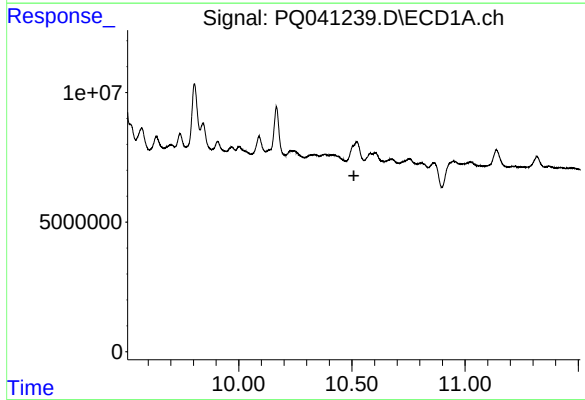
R.T.: 10.167 min
Delta R.T.: -0.005 min
Response: 29053263
Conc: 16.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



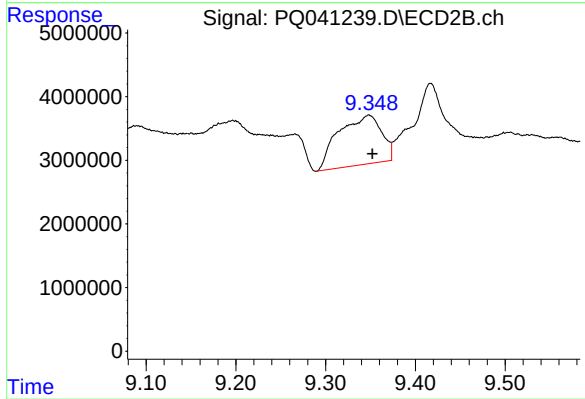
#37 AR-1262-2

R.T.: 9.054 min
Delta R.T.: -0.003 min
Response: 13166420
Conc: 14.91 ng/ml



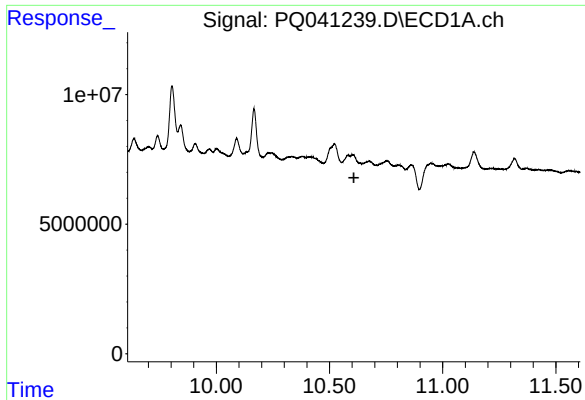
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.509 min
Response: 0
Conc: N.D.



#38 AR-1262-3

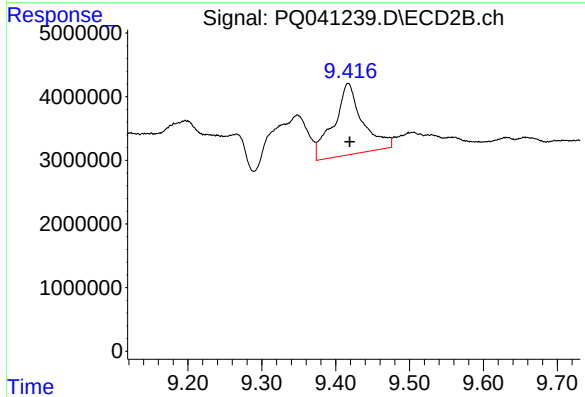
R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 25790830
Conc: 73.98 ng/ml



#39 AR-1262-4

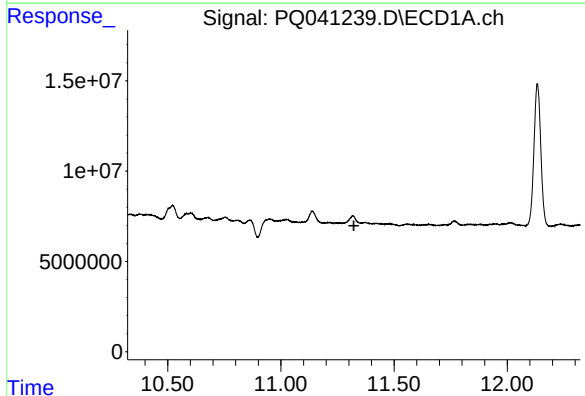
R.T.: 0.000 min
Exp R.T. : 10.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



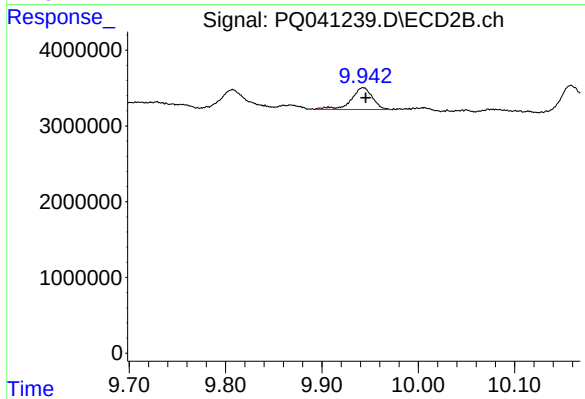
#39 AR-1262-4

R.T.: 9.417 min
Delta R.T.: -0.002 min
Response: 30327225
Conc: 49.46 ng/ml



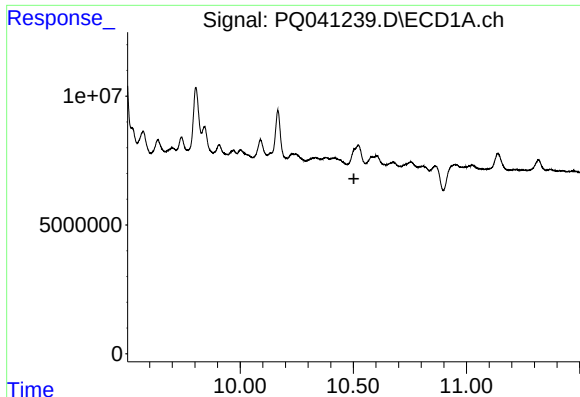
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.323 min
Response: 0
Conc: N.D.



#40 AR-1262-5

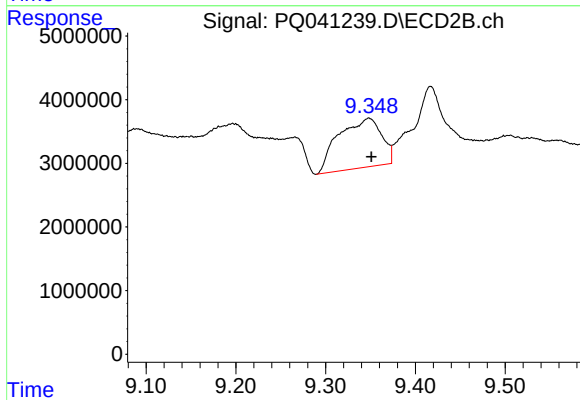
R.T.: 9.943 min
Delta R.T.: -0.003 min
Response: 4393693
Conc: 16.77 ng/ml



#41 AR-1268-1

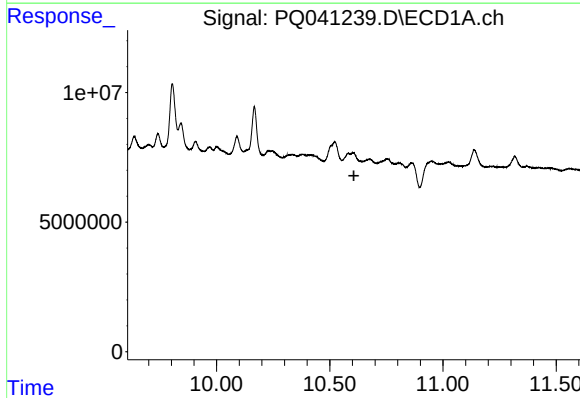
R.T.: 0.000 min
Exp R.T. : 10.502 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



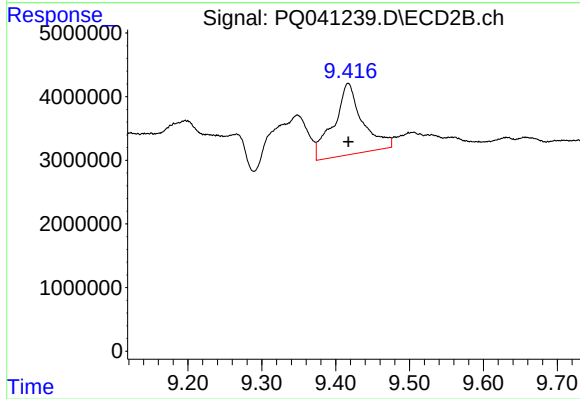
#41 AR-1268-1

R.T.: 9.348 min
Delta R.T.: -0.003 min
Response: 25790830
Conc: 28.35 ng/ml



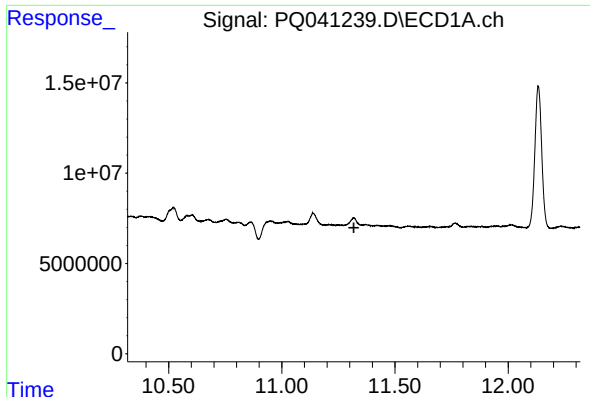
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.606 min
Response: 0
Conc: N.D.



#42 AR-1268-2

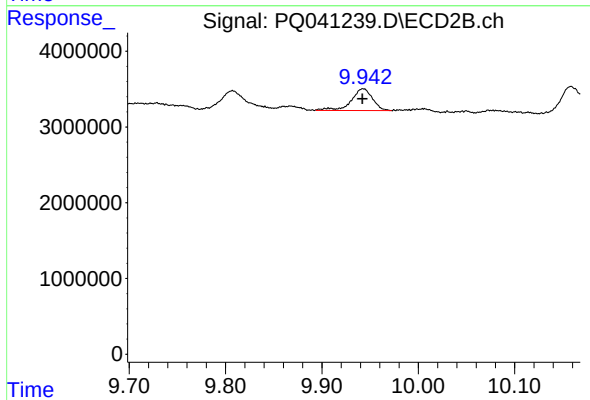
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 30327225
Conc: 37.53 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.318 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#44 AR-1268-4

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 4393693
Conc: 15.95 ng/ml