

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062818\
 Data File : PQ030198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2018 15:58
 Operator : UA/SM
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:07:17 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 03:57:59 2018
 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...	4.436	3.701	879.4E6	281.7E6	20.072	21.673
2) SA Decachlor...	10.119	8.675	1238.6E6	689.4E6	39.835	42.274
Target Compounds						
3) L1 AR-1016-1	4.807	4.075	54736893	17910388	77.299	80.837
4) L1 AR-1016-2	5.334	4.559	181.6E6	65666272	187.775	189.934
5) L1 AR-1016-3	5.683	4.852	250.7E6	95117339	196.807	191.712
6) L1 AR-1016-4	5.781	4.973	284.0E6	99418082	261.388	274.825
7) L1 AR-1016-5	5.869	5.011	562.0E6	199.8E6	620.210	704.447
8) L2 AR-1221-1	0.000	3.916	0	4535662	N.D.	22.805 #
9) L2 AR-1221-2	4.734	3.999	19862959	6044352	51.104	45.984
10) L2 AR-1221-3	4.807	4.075	54736893	17910388	39.800	39.953
11) L3 AR-1232-1	4.807	4.075	54736893	17910388	53.287	54.212
12) L3 AR-1232-2	5.334	4.559	181.6E6	65666272	375.673	334.766
13) L3 AR-1232-3	6.212	5.371	576.1E6	214.0E6	910.126	1059.307
14) L3 AR-1232-4	6.472	5.571	735.8E6	380.5E6	1261.975	1575.814
15) L3 AR-1232-5	6.510	5.612	705.9E6	269.5E6	1182.027	1230.342
16) L4 AR-1242-1	5.140	4.370	229.0E6	81313473	233.689	240.005
17) L4 AR-1242-2	5.621	4.797	507.0E6	159.6E6	245.880	232.115
18) L4 AR-1242-3	6.073	5.053	646.5E6	206.3E6	612.695	583.834
19) L4 AR-1242-4	6.444	5.538	559.8E6	155.3E6	649.013	627.502
20) L4 AR-1242-5	6.510	5.830	705.9E6	191.6E6	593.342	704.128
21) L5 AR-1248-1	6.073	5.223	646.5E6	258.4E6	365.650	396.679
22) L5 AR-1248-2	6.212	5.538	576.1E6	155.3E6	368.943	395.711
23) L5 AR-1248-3	6.472	5.612	735.8E6	269.5E6	362.444	393.865
24) L5 AR-1248-4	6.510	6.030	705.9E6	113.9E6	363.611	397.530
25) L5 AR-1248-5	6.666	6.082	726.2E6	65741003	361.620	394.160
26) L6 AR-1254-1	6.444	5.571	559.8E6	380.5E6	288.628	391.817 #
27) L6 AR-1254-2	6.666	5.717	726.2E6	110.0E6	242.687	129.069 #
28) L6 AR-1254-3	7.025	6.119	417.7E6	174.3E6	128.183	120.417
29) L6 AR-1254-4	7.308	6.344	284.9E6	123.3E6	118.866	129.236
30) L6 AR-1254-5	7.581	6.658	258.2E6	112.9E6	139.368	167.404
31) L7 AR-1260-1	7.188	6.263	72877819	87245706	36.888	104.241 #
32) L7 AR-1260-2	7.438	6.432	68686695	18733110	30.255	18.027 #
33) L7 AR-1260-3	0.000	6.586	0	20770667	N.D.	21.554 #
34) L7 AR-1260-4	8.338	7.293	23618757	15136370	6.459	7.588
35) L7 AR-1260-5	0.000	7.638	0	9332364	N.D.	6.593 #
36) L8 AR-1262-1	7.081	6.119	45853503	174.3E6	25.753	318.933 #
37) L8 AR-1262-2	7.723	6.792	72047681	5477604	29.958	3.632 #
38) L8 AR-1262-3	0.000	7.576	0	4333865	N.D.	3.886 #
39) L8 AR-1262-4	0.000	8.130	0	3173840	N.D.	3.358 #
40) L8 AR-1262-5	0.000	8.420	0	6258863	N.D.	16.542 #
41) L9 AR-1268-1	0.000	7.638	0	9332364	N.D.	3.282 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 03:57:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

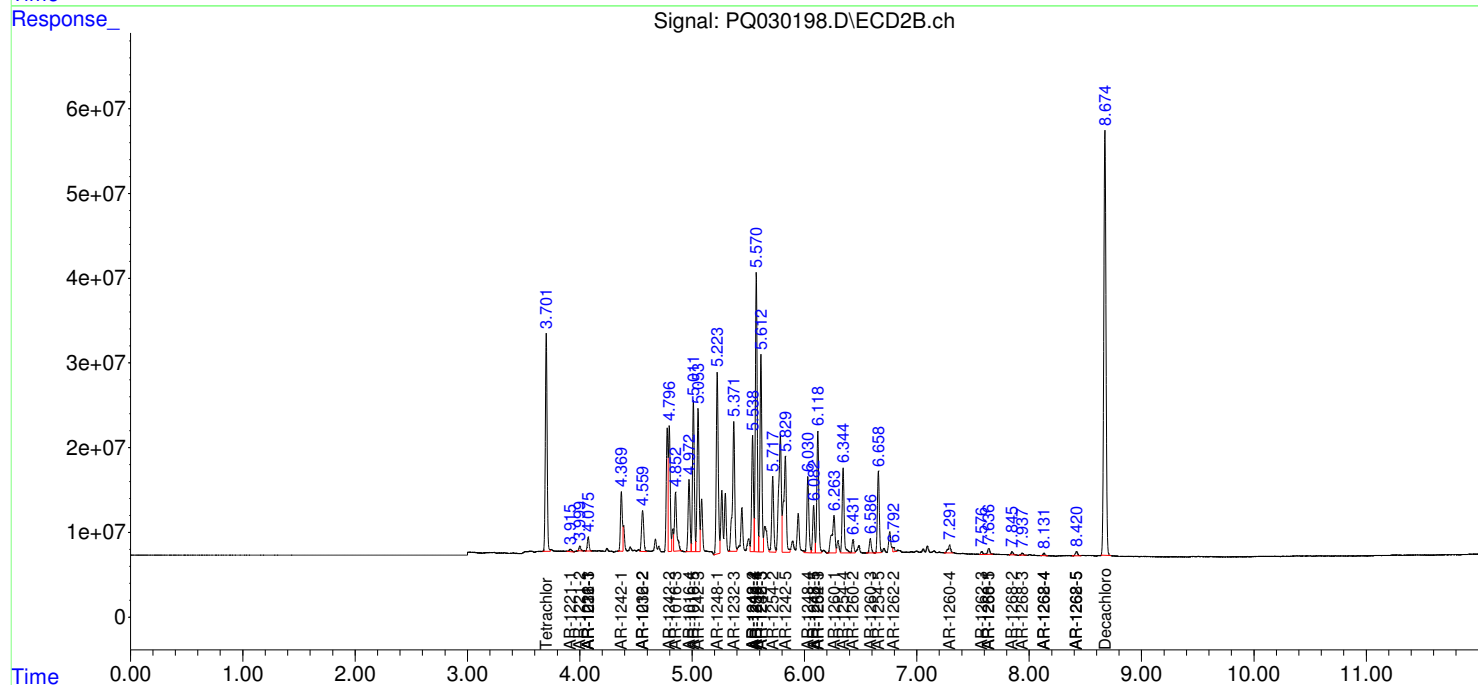
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

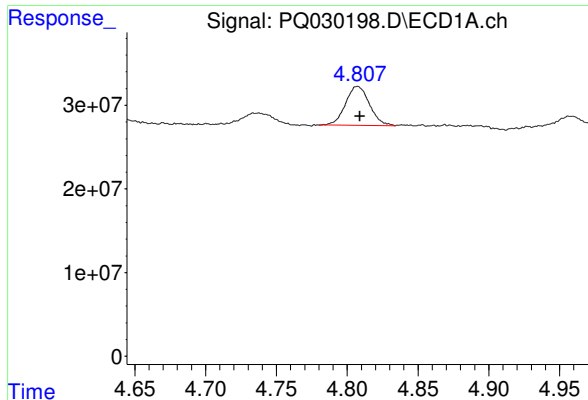
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.847	0	4314943	N.D.	1.812 #
43) L9	AR-1268-3	0.000	7.937	0	2867114	N.D.	4.621 #
44) L9	AR-1268-4	0.000	8.130	0	3173840	N.D.	3.164 #
45) L9	AR-1268-5	0.000	8.420	0	6258863	N.D.	0.814 #

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

Instrument :
ECD_Q
ClientSampleId :

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

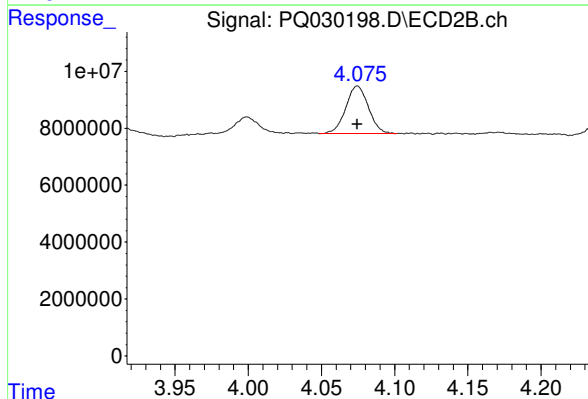




#3 AR-1016-1

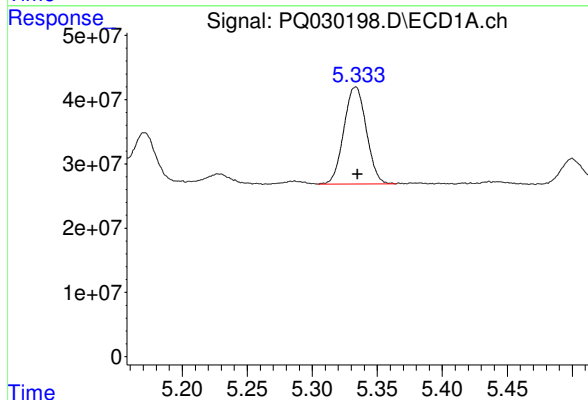
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 54736893
Conc: 77.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



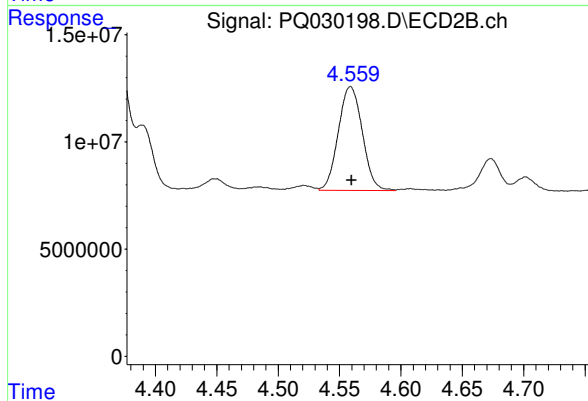
#3 AR-1016-1

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 17910388
Conc: 80.84 ng/ml



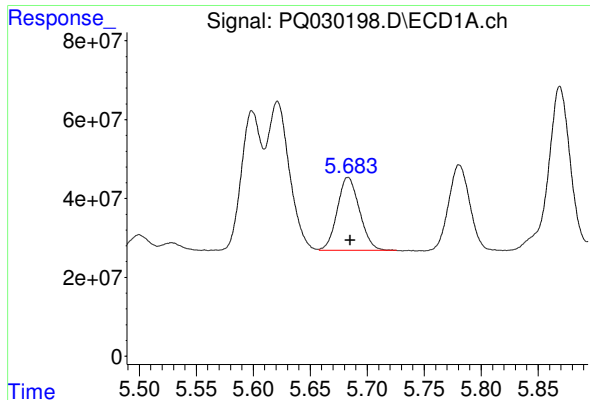
#4 AR-1016-2

R.T.: 5.334 min
Delta R.T.: -0.001 min
Response: 181624196
Conc: 187.78 ng/ml



#4 AR-1016-2

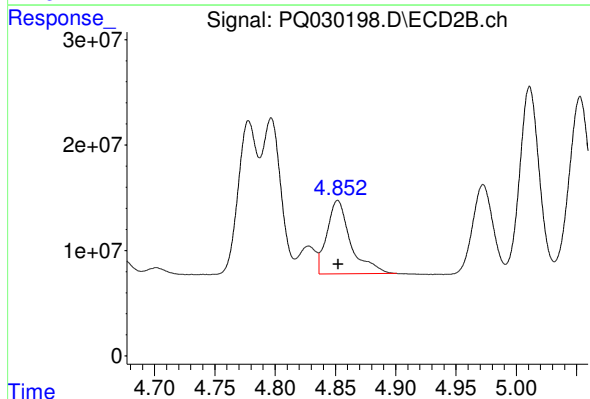
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 65666272
Conc: 189.93 ng/ml



#5 AR-1016-3

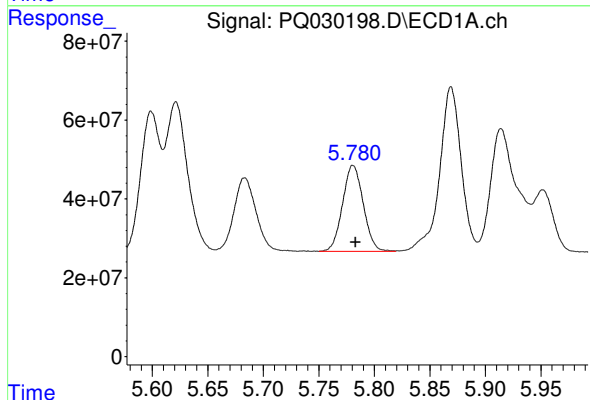
R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 250685639
Conc: 196.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



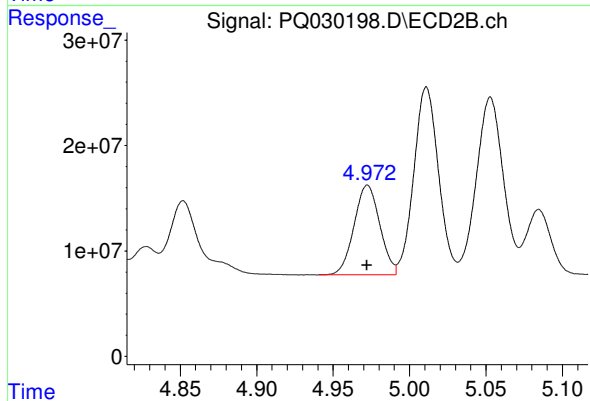
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 95117339
Conc: 191.71 ng/ml



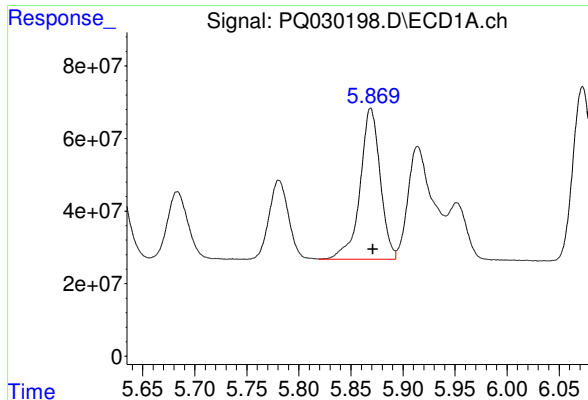
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 283970564
Conc: 261.39 ng/ml



#6 AR-1016-4

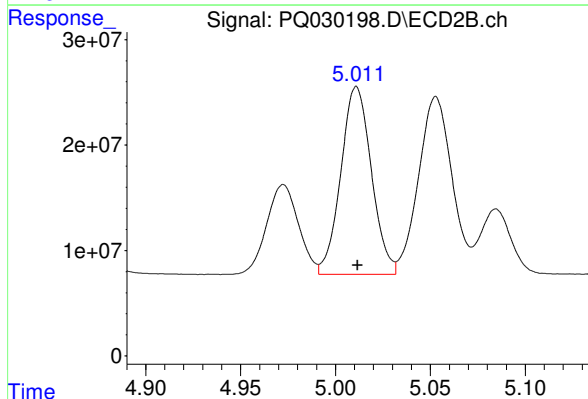
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 99418082
Conc: 274.83 ng/ml



#7 AR-1016-5

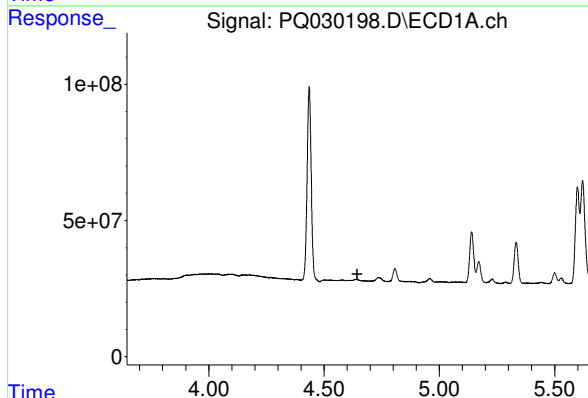
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 561950727
Conc: 620.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



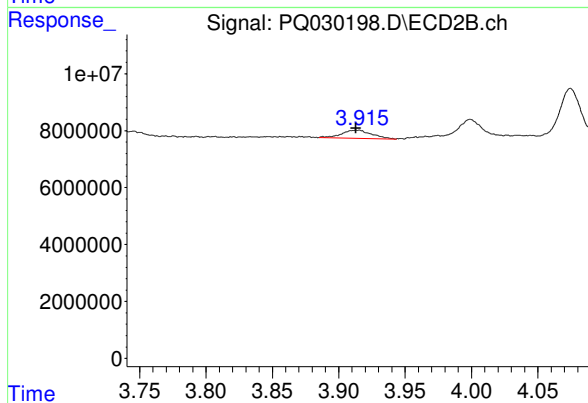
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 199769684
Conc: 704.45 ng/ml



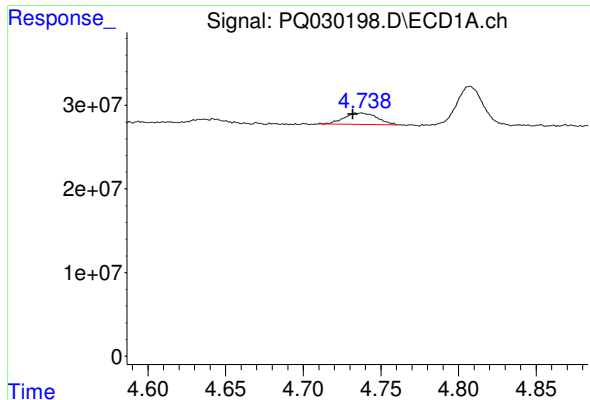
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.645 min
Response: 0
Conc: N.D.



#8 AR-1221-1

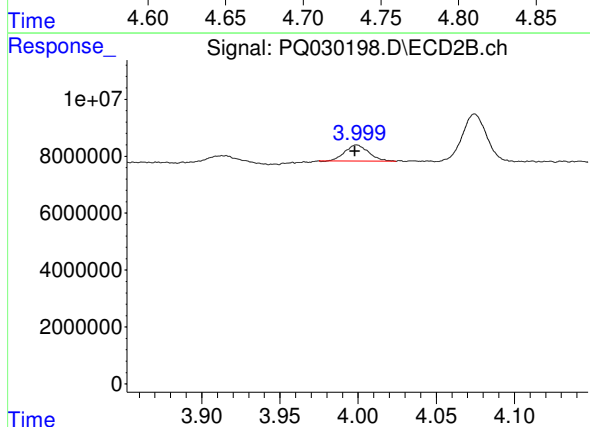
R.T.: 3.916 min
Delta R.T.: 0.003 min
Response: 4535662
Conc: 22.81 ng/ml



#9 AR-1221-2

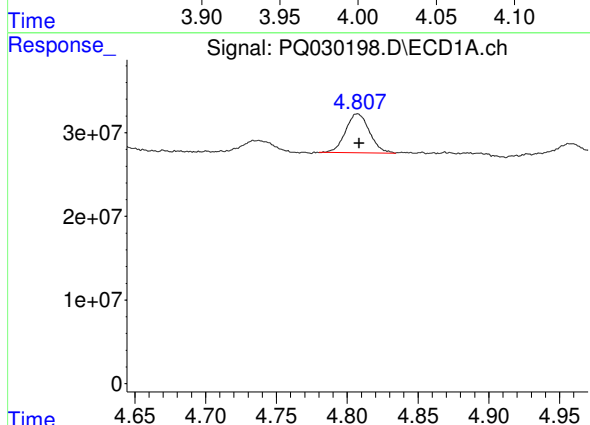
R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 19862959
Conc: 51.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



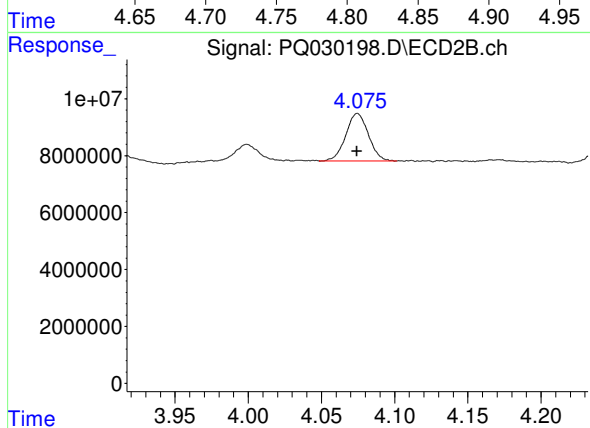
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.001 min
Response: 6044352
Conc: 45.98 ng/ml



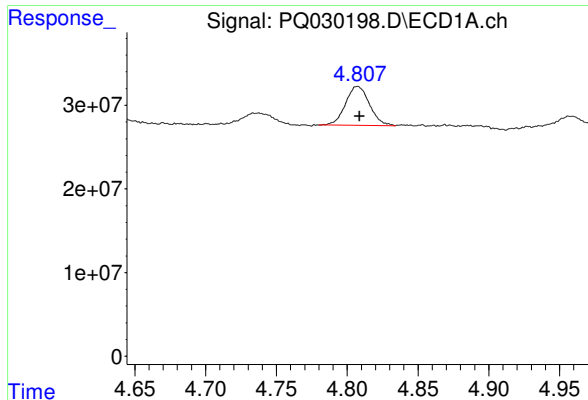
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: -0.001 min
Response: 54736893
Conc: 39.80 ng/ml



#10 AR-1221-3

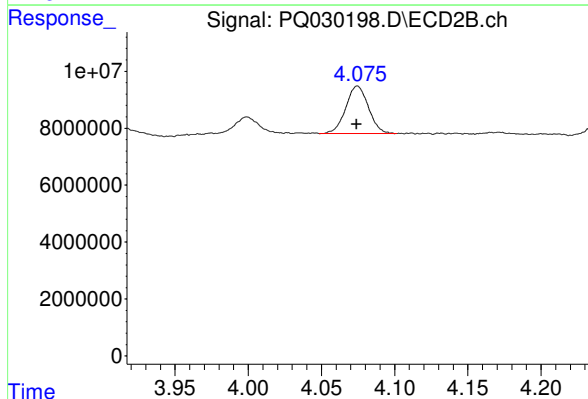
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 17910388
Conc: 39.95 ng/ml



#11 AR-1232-1

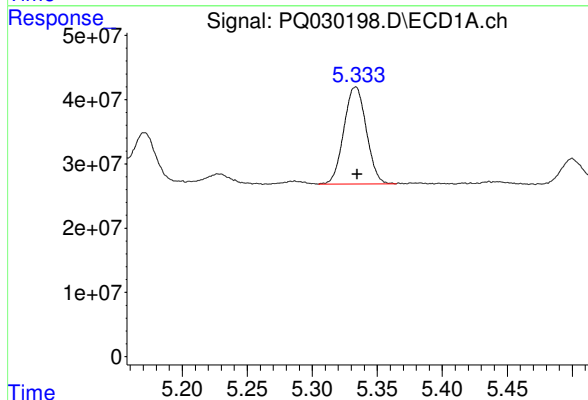
R.T.: 4.807 min
Delta R.T.: -0.001 min
Response: 54736893
Conc: 53.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



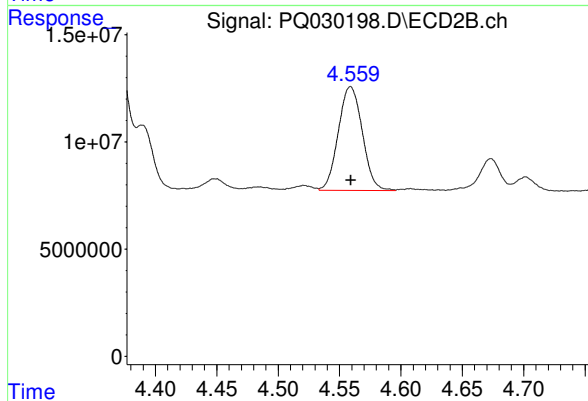
#11 AR-1232-1

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 17910388
Conc: 54.21 ng/ml



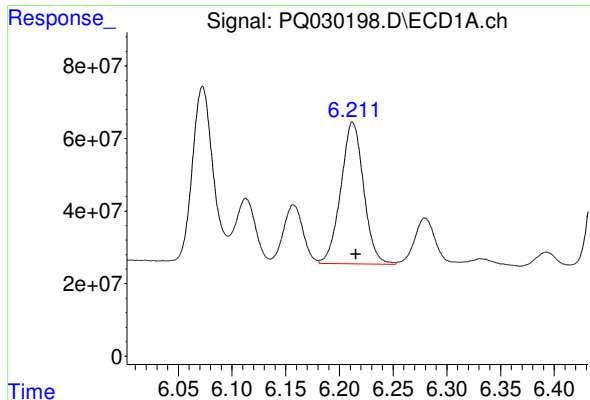
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.001 min
Response: 181624196
Conc: 375.67 ng/ml



#12 AR-1232-2

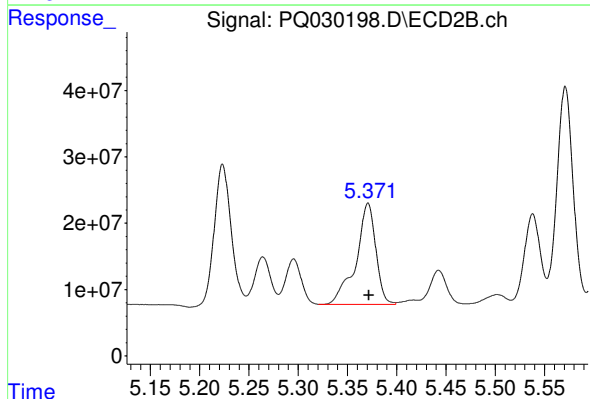
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 65666272
Conc: 334.77 ng/ml



#13 AR-1232-3

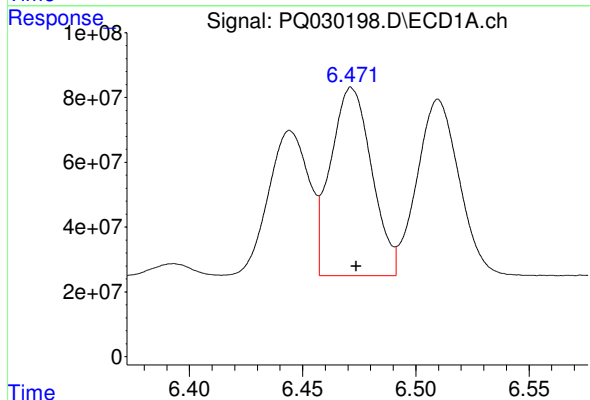
R.T.: 6.212 min
Delta R.T.: -0.003 min
Response: 576125867
Conc: 910.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



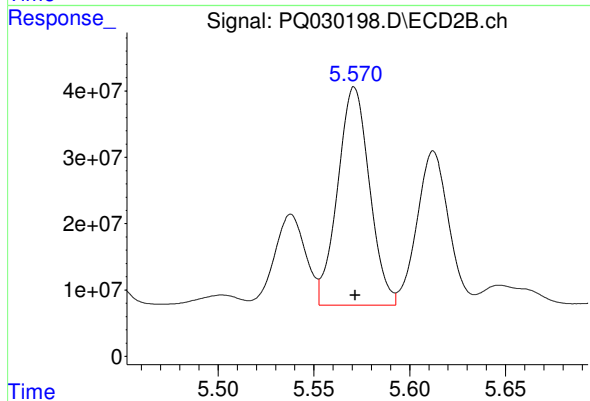
#13 AR-1232-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 213978552
Conc: 1059.31 ng/ml



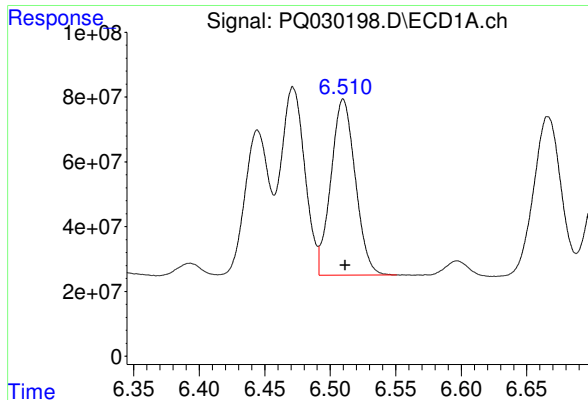
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 735793911
Conc: 1261.97 ng/ml



#14 AR-1232-4

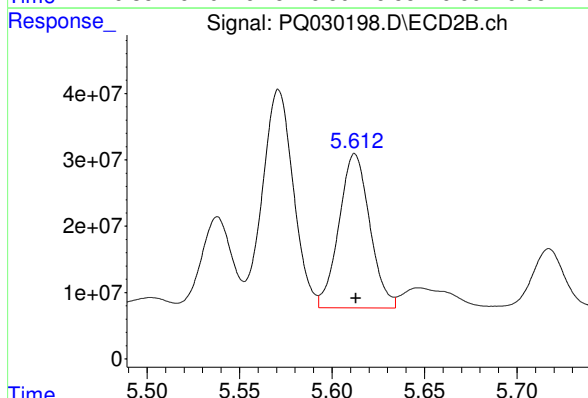
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 380538149
Conc: 1575.81 ng/ml



#15 AR-1232-5

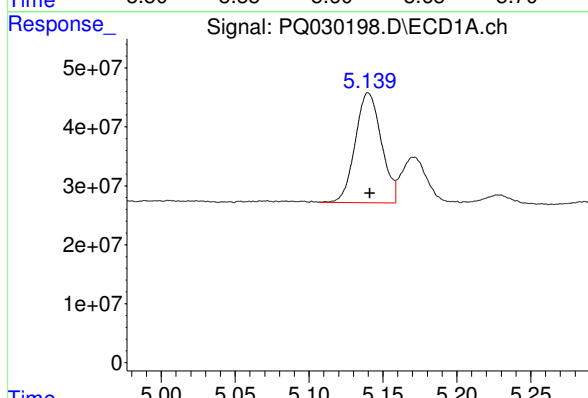
R.T.: 6.510 min
Delta R.T.: -0.001 min
Response: 705887123
Conc: 1182.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



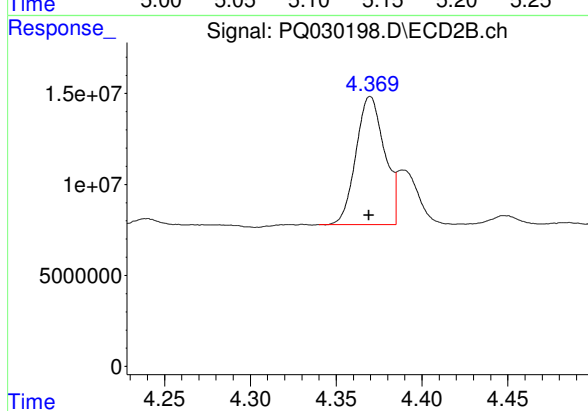
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 269477737
Conc: 1230.34 ng/ml



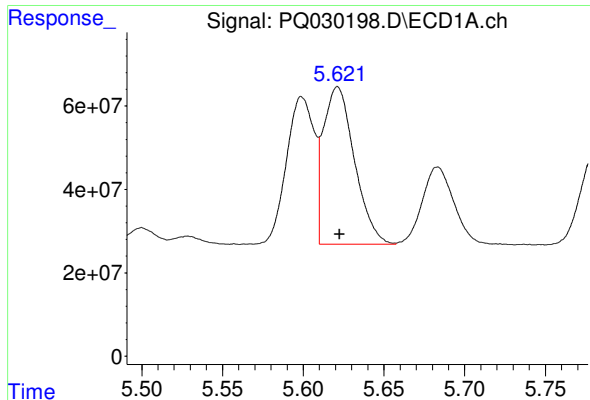
#16 AR-1242-1

R.T.: 5.140 min
Delta R.T.: -0.001 min
Response: 229035827
Conc: 233.69 ng/ml



#16 AR-1242-1

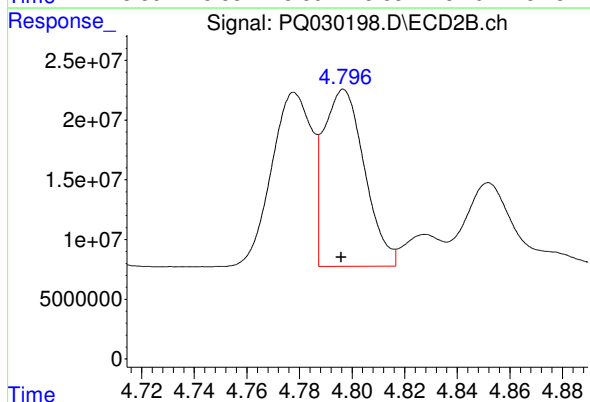
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 81313473
Conc: 240.01 ng/ml



#17 AR-1242-2

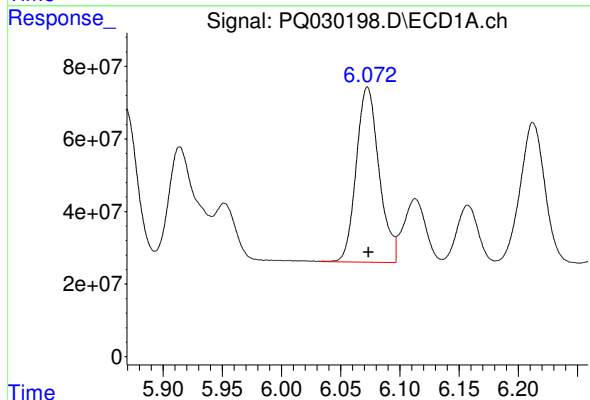
R.T.: 5.621 min
Delta R.T.: -0.001 min
Response: 506972822
Conc: 245.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



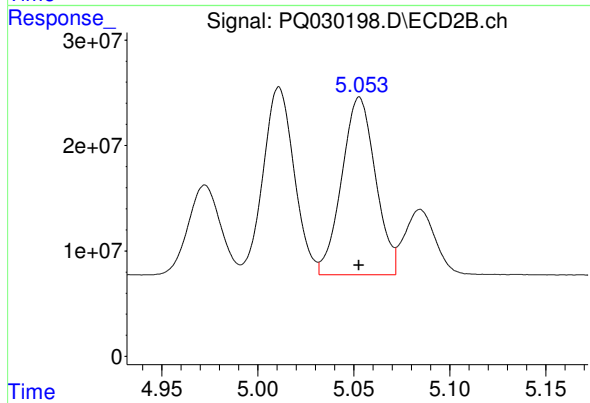
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: 0.001 min
Response: 159586071
Conc: 232.11 ng/ml



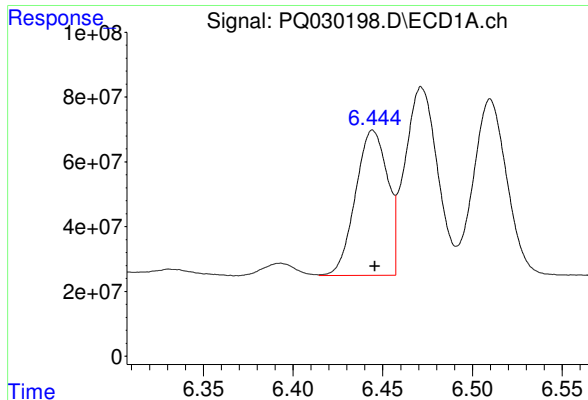
#18 AR-1242-3

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 646508080
Conc: 612.69 ng/ml



#18 AR-1242-3

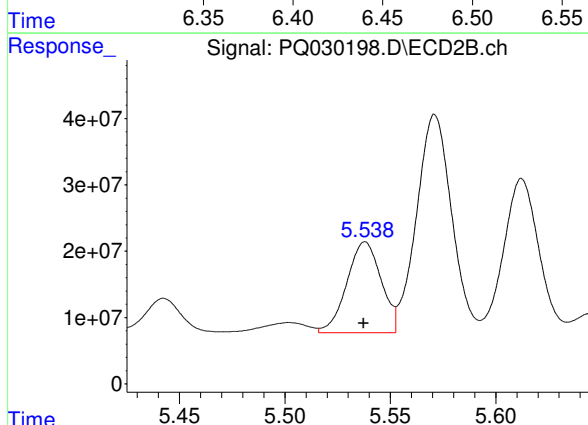
R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 206305945
Conc: 583.83 ng/ml



#19 AR-1242-4

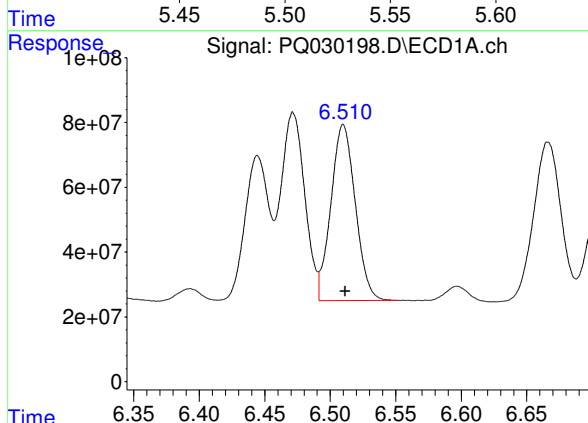
R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 559763836
Conc: 649.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



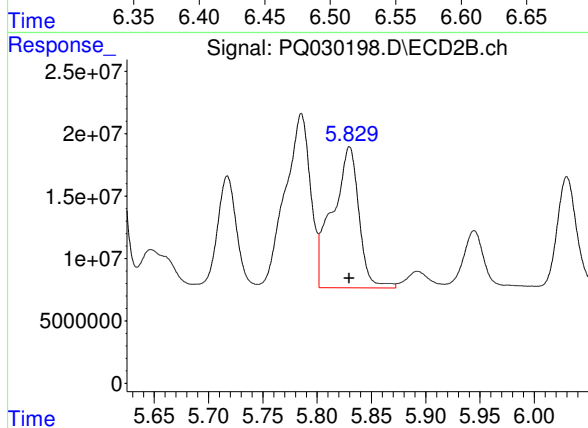
#19 AR-1242-4

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 155258882
Conc: 627.50 ng/ml



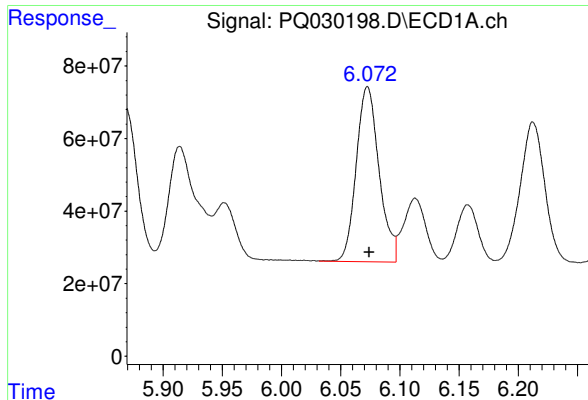
#20 AR-1242-5

R.T.: 6.510 min
Delta R.T.: -0.001 min
Response: 705887123
Conc: 593.34 ng/ml



#20 AR-1242-5

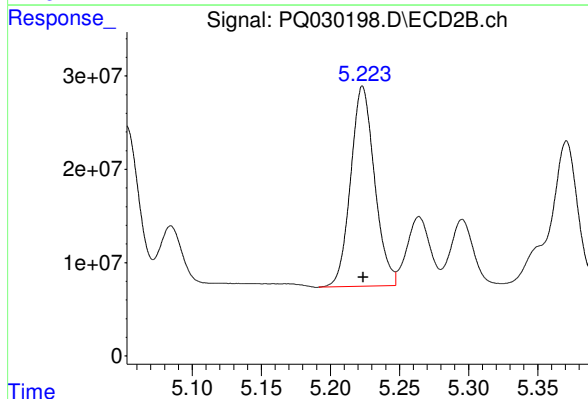
R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 191573210
Conc: 704.13 ng/ml



#21 AR-1248-1

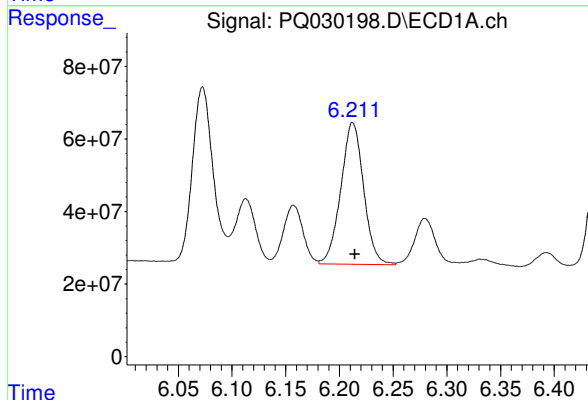
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 646508080
Conc: 365.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



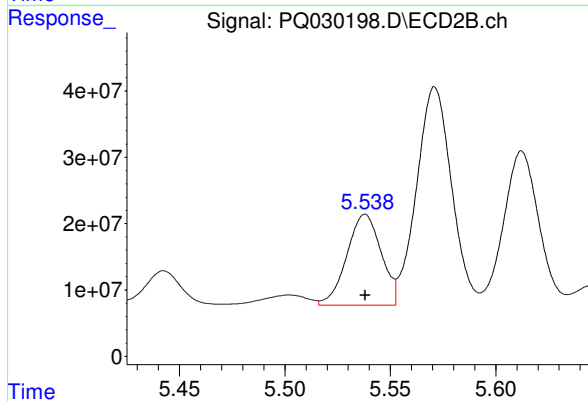
#21 AR-1248-1

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 258397811
Conc: 396.68 ng/ml



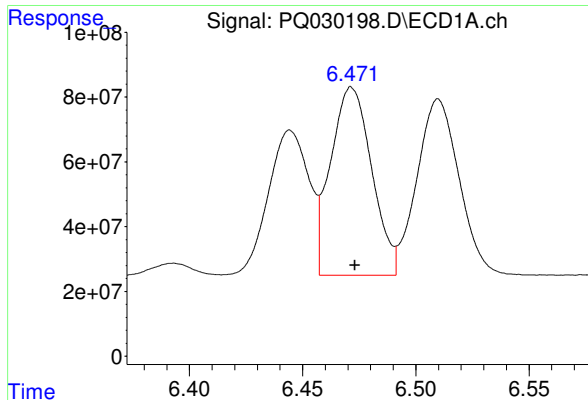
#22 AR-1248-2

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 576125867
Conc: 368.94 ng/ml



#22 AR-1248-2

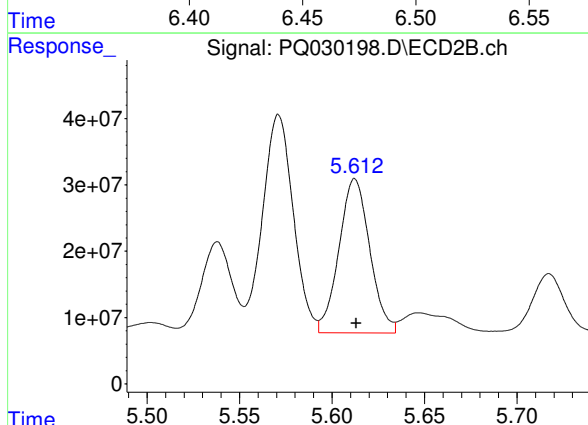
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 155258882
Conc: 395.71 ng/ml



#23 AR-1248-3

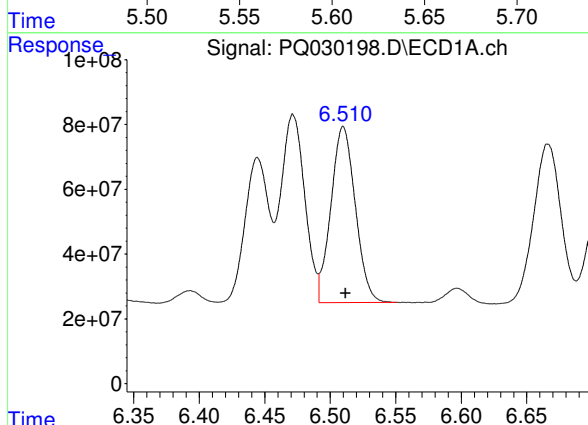
R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 735793911
Conc: 362.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



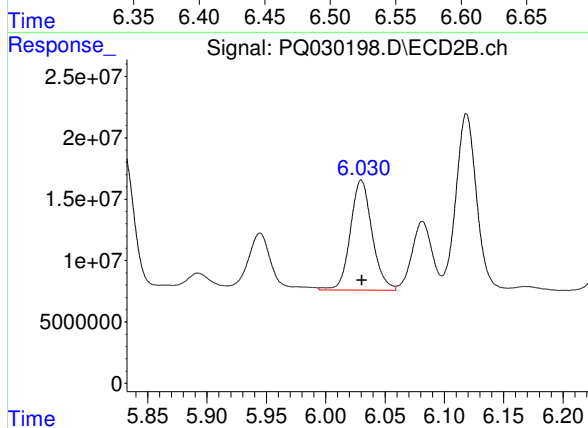
#23 AR-1248-3

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 269477737
Conc: 393.86 ng/ml



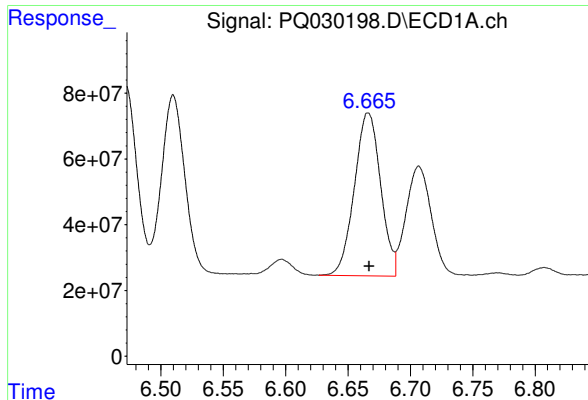
#24 AR-1248-4

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 705887123
Conc: 363.61 ng/ml



#24 AR-1248-4

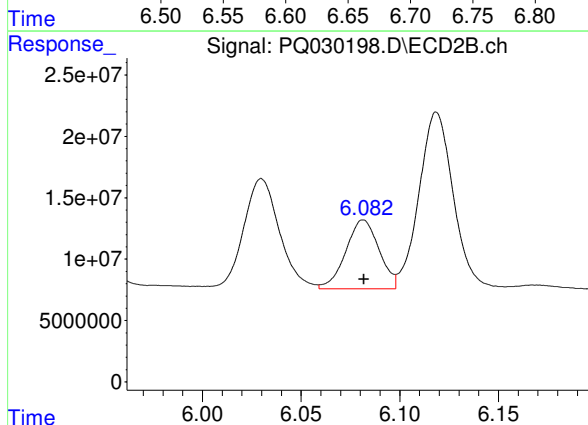
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 113923076
Conc: 397.53 ng/ml



#25 AR-1248-5

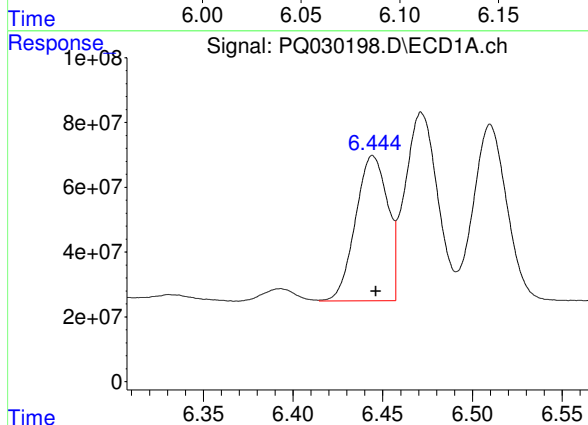
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 726185508
Conc: 361.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



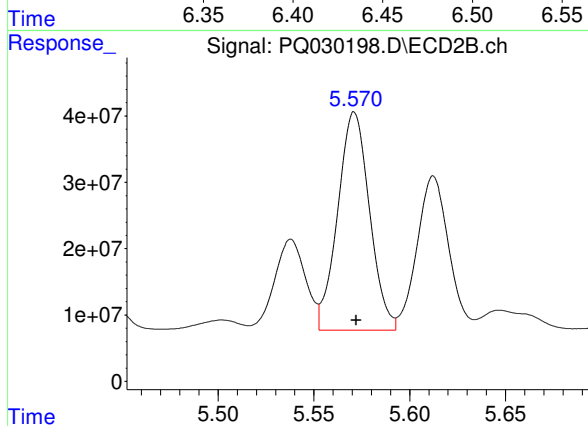
#25 AR-1248-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 65741003
Conc: 394.16 ng/ml



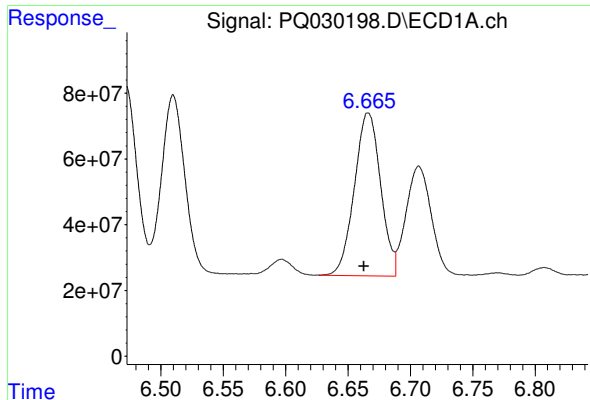
#26 AR-1254-1

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 559763836
Conc: 288.63 ng/ml



#26 AR-1254-1

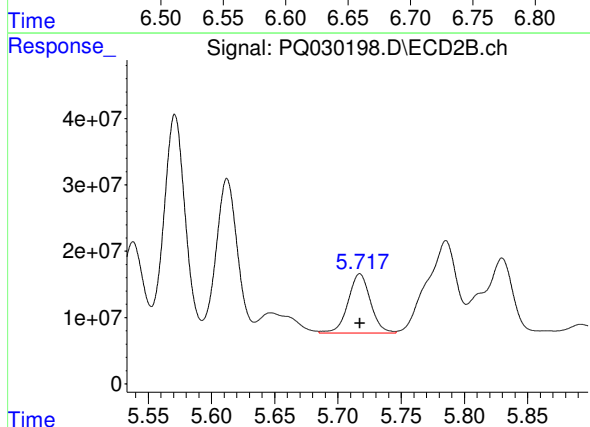
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 380538149
Conc: 391.82 ng/ml



#27 AR-1254-2

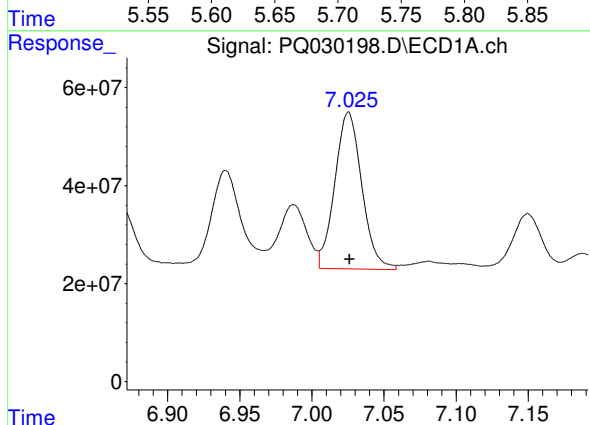
R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 726185508
Conc: 242.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



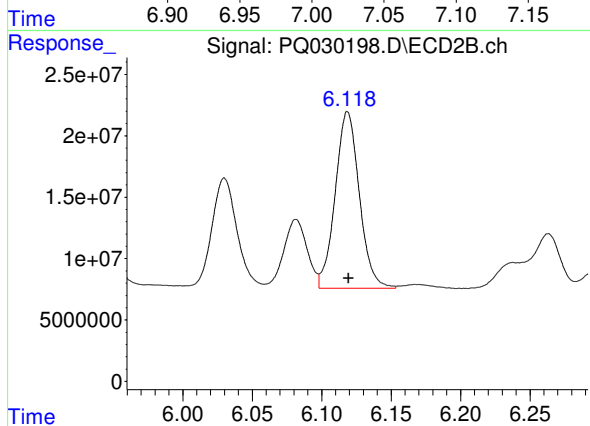
#27 AR-1254-2

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 110043321
Conc: 129.07 ng/ml



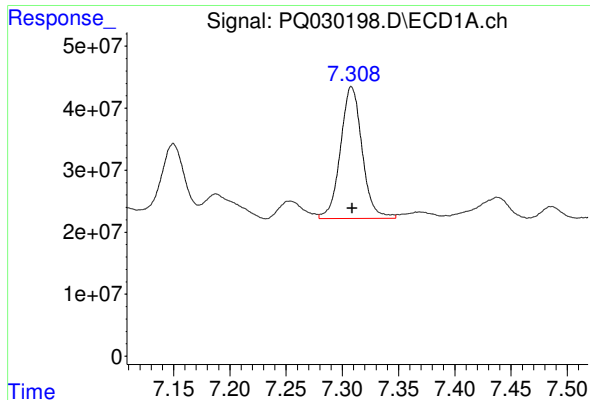
#28 AR-1254-3

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 417702748
Conc: 128.18 ng/ml



#28 AR-1254-3

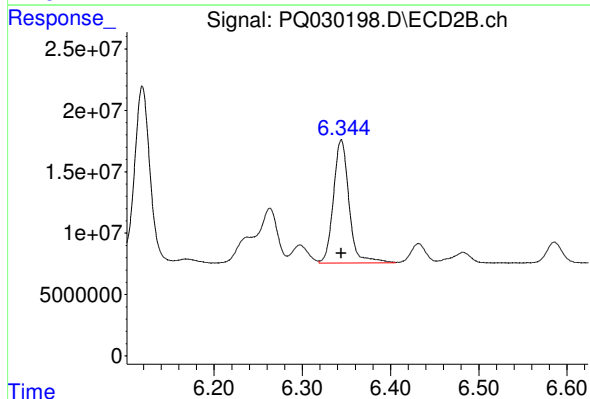
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 174271445
Conc: 120.42 ng/ml



#29 AR-1254-4

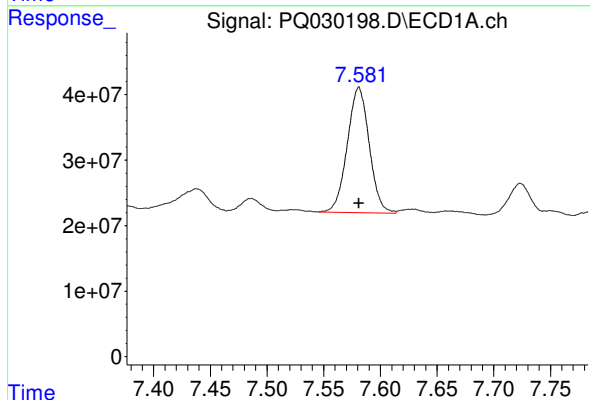
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 284886422
Conc: 118.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



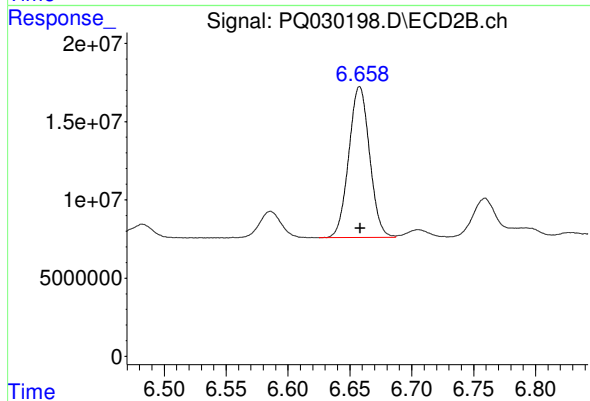
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 123319645
Conc: 129.24 ng/ml



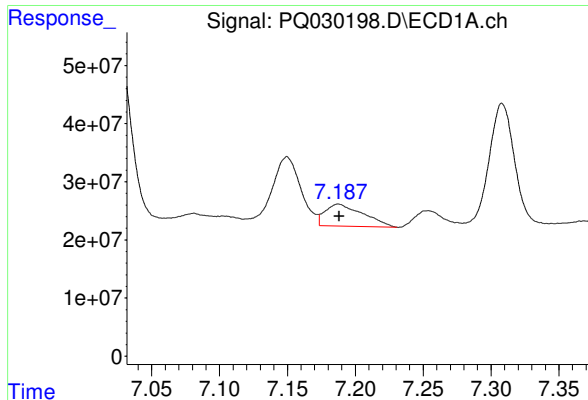
#30 AR-1254-5

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 258249431
Conc: 139.37 ng/ml



#30 AR-1254-5

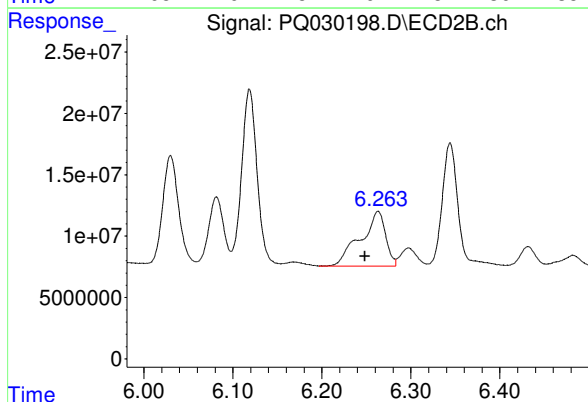
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 112889602
Conc: 167.40 ng/ml



#31 AR-1260-1

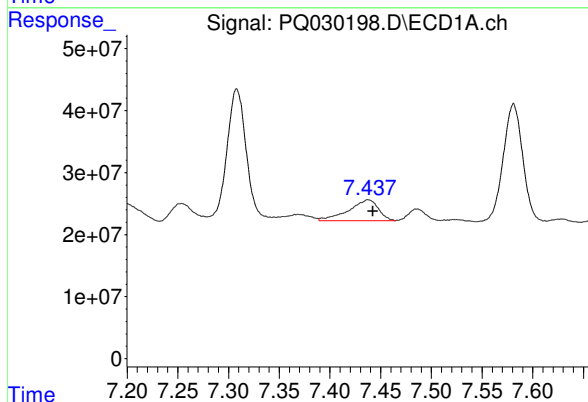
R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 72877819
Conc: 36.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



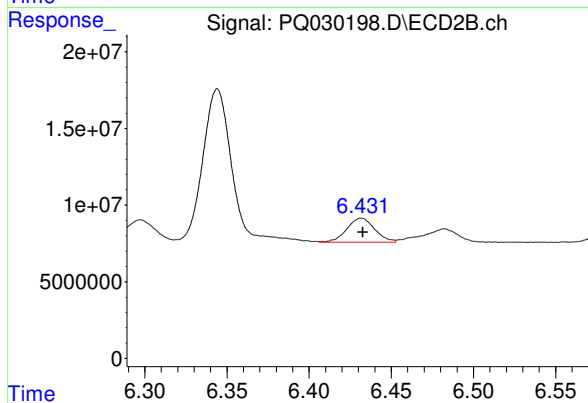
#31 AR-1260-1

R.T.: 6.263 min
Delta R.T.: 0.015 min
Response: 87245706
Conc: 104.24 ng/ml



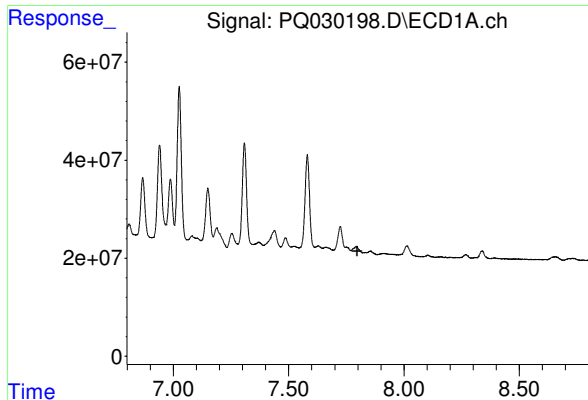
#32 AR-1260-2

R.T.: 7.438 min
Delta R.T.: -0.004 min
Response: 68686695
Conc: 30.26 ng/ml



#32 AR-1260-2

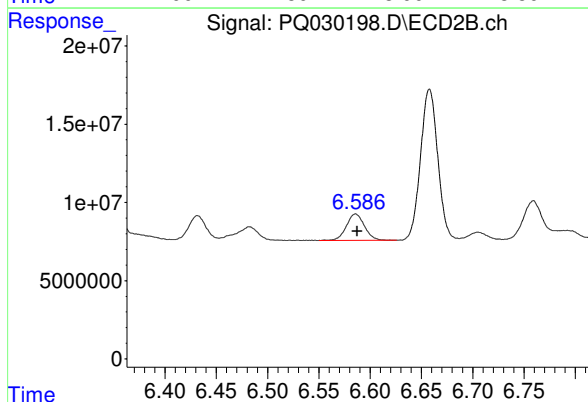
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 18733110
Conc: 18.03 ng/ml



#33 AR-1260-3

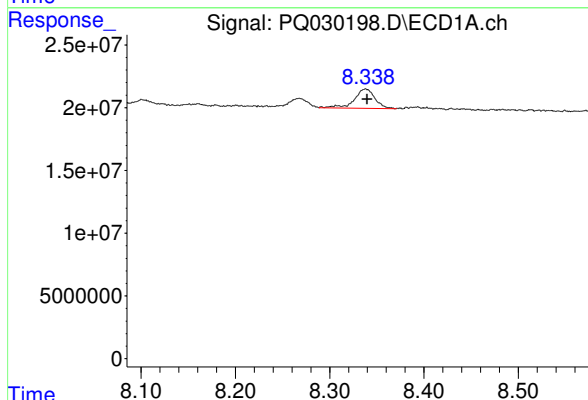
R.T.: 0.000 min
Exp R.T.: 7.798 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



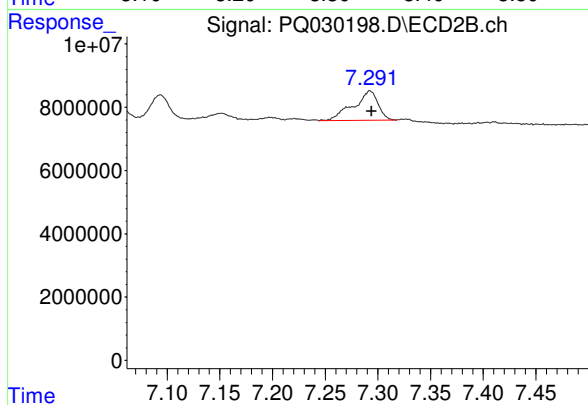
#33 AR-1260-3

R.T.: 6.586 min
Delta R.T.: -0.001 min
Response: 20770667
Conc: 21.55 ng/ml



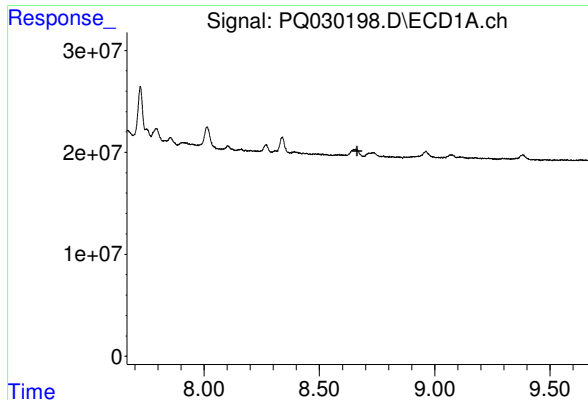
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 23618757
Conc: 6.46 ng/ml



#34 AR-1260-4

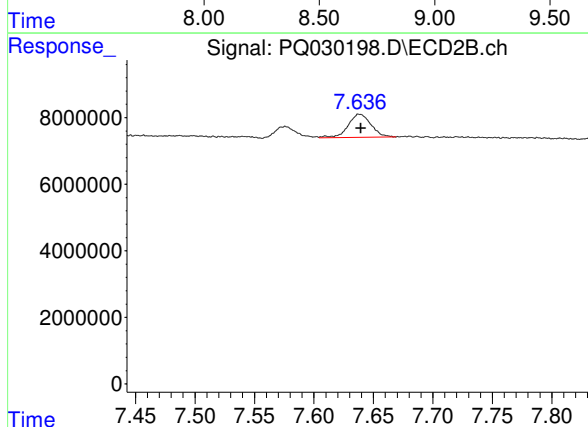
R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 15136370
Conc: 7.59 ng/ml



#35 AR-1260-5

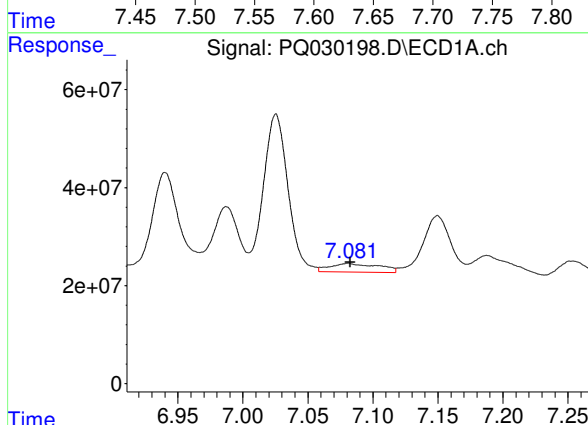
R.T.: 0.000 min
Exp R.T.: 8.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



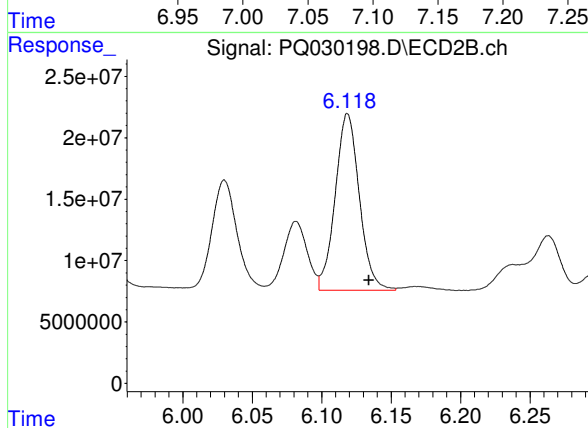
#35 AR-1260-5

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 9332364
Conc: 6.59 ng/ml



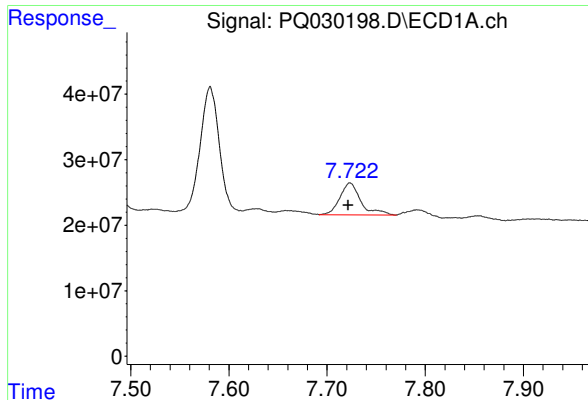
#36 AR-1262-1

R.T.: 7.081 min
Delta R.T.: -0.001 min
Response: 45853503
Conc: 25.75 ng/ml



#36 AR-1262-1

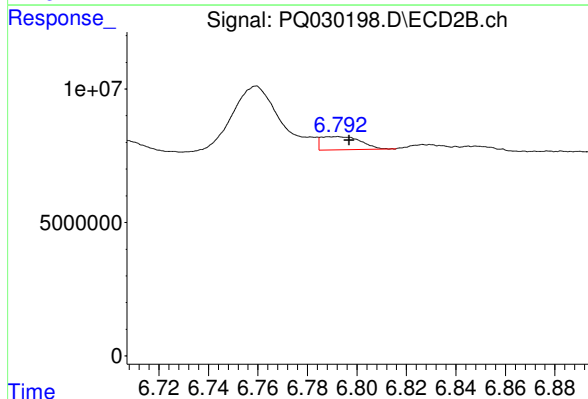
R.T.: 6.119 min
Delta R.T.: -0.015 min
Response: 174271445
Conc: 318.93 ng/ml



#37 AR-1262-2

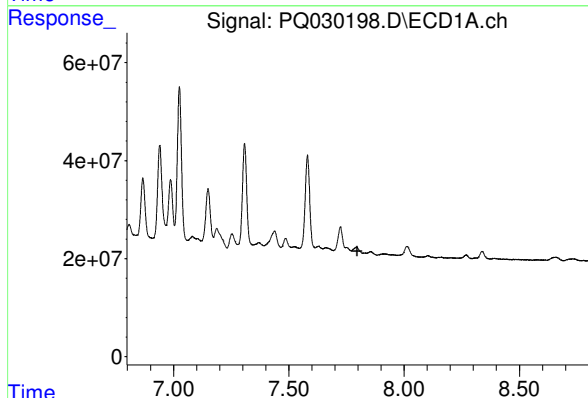
R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 72047681
Conc: 29.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



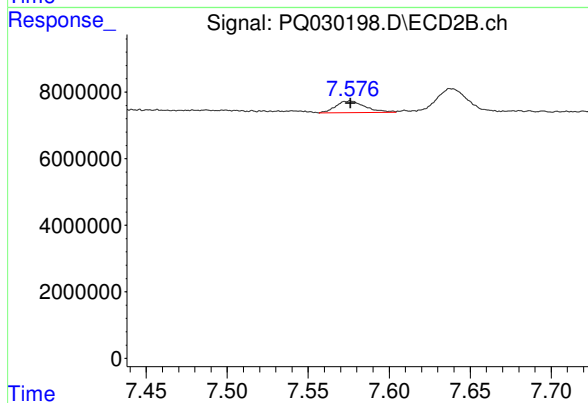
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.005 min
Response: 5477604
Conc: 3.63 ng/ml



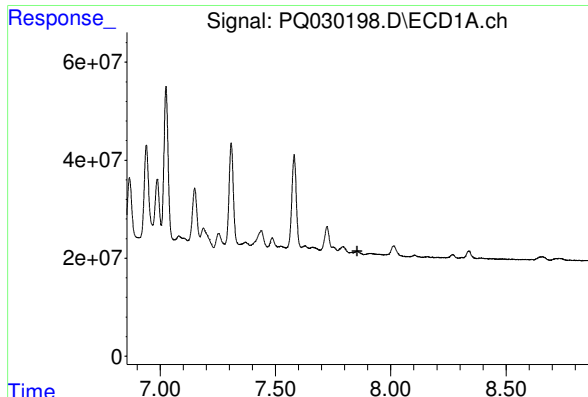
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.797 min
Response: 0
Conc: N.D.



#38 AR-1262-3

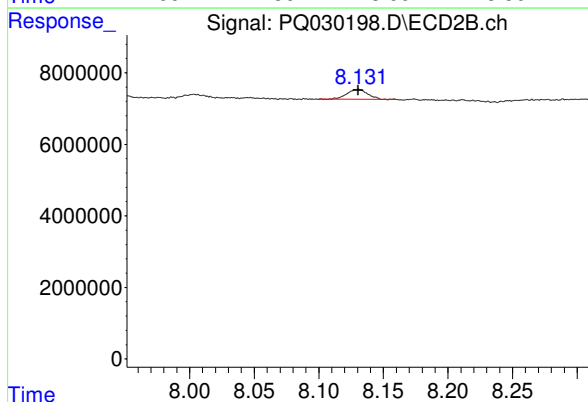
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 4333865
Conc: 3.89 ng/ml



#39 AR-1262-4

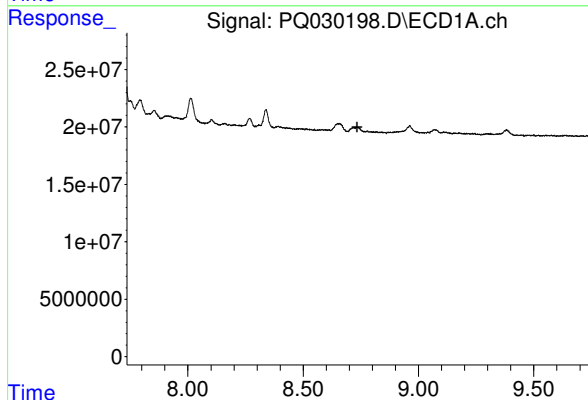
R.T.: 0.000 min
Exp R.T.: 7.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



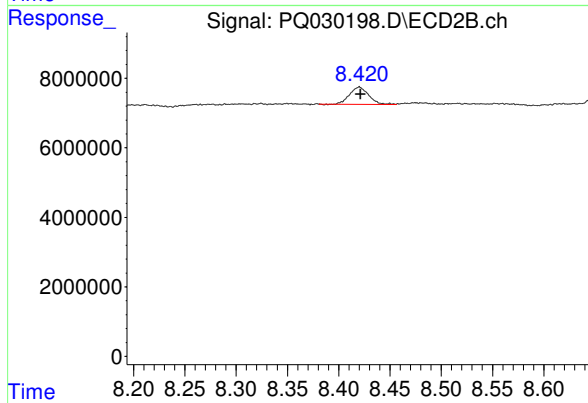
#39 AR-1262-4

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 3173840
Conc: 3.36 ng/ml



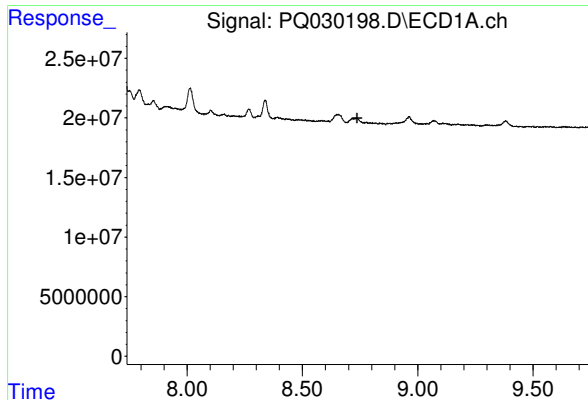
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.735 min
Response: 0
Conc: N.D.



#40 AR-1262-5

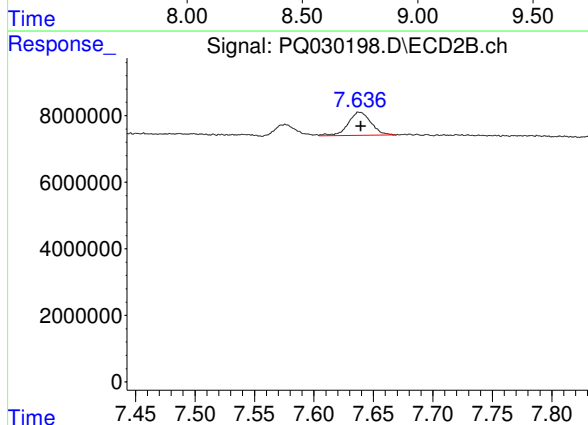
R.T.: 8.420 min
Delta R.T.: -0.001 min
Response: 6258863
Conc: 16.54 ng/ml



#41 AR-1268-1

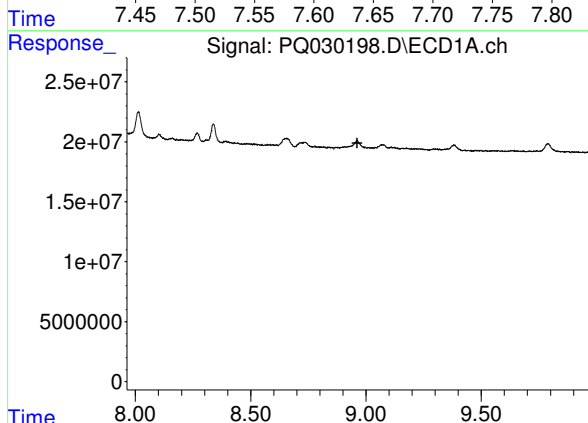
R.T.: 0.000 min
Exp R.T.: 8.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



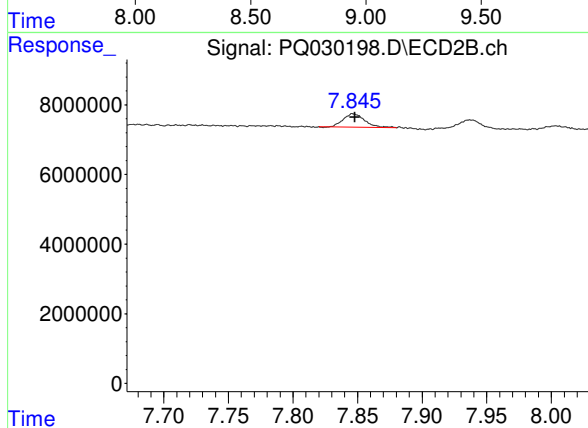
#41 AR-1268-1

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 9332364
Conc: 3.28 ng/ml



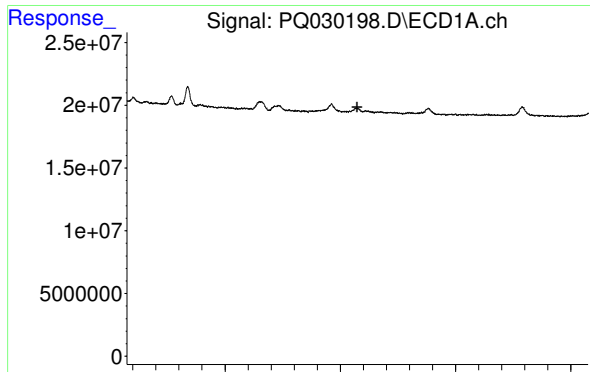
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.962 min
Response: 0
Conc: N.D.



#42 AR-1268-2

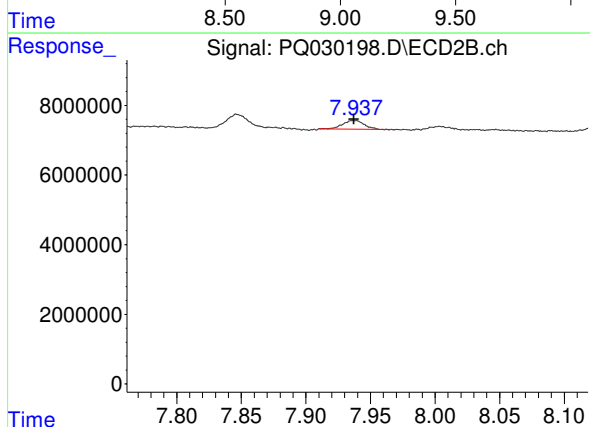
R.T.: 7.847 min
Delta R.T.: -0.001 min
Response: 4314943
Conc: 1.81 ng/ml



#43 AR-1268-3

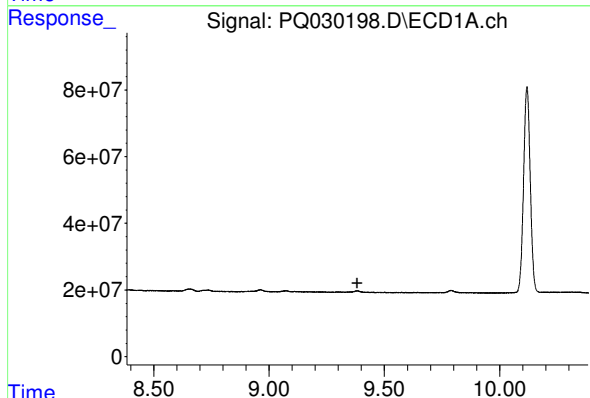
R.T.: 0.000 min
Exp R.T.: 9.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



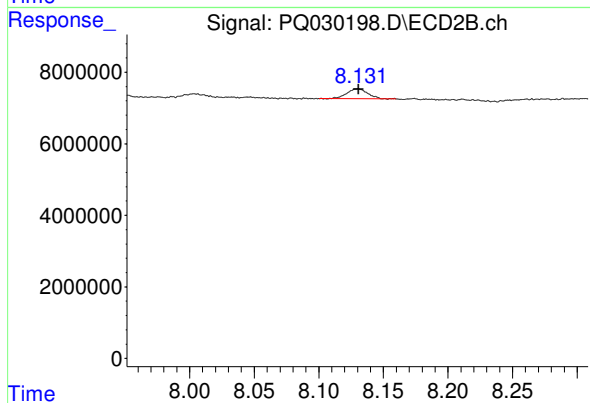
#43 AR-1268-3

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 2867114
Conc: 4.62 ng/ml



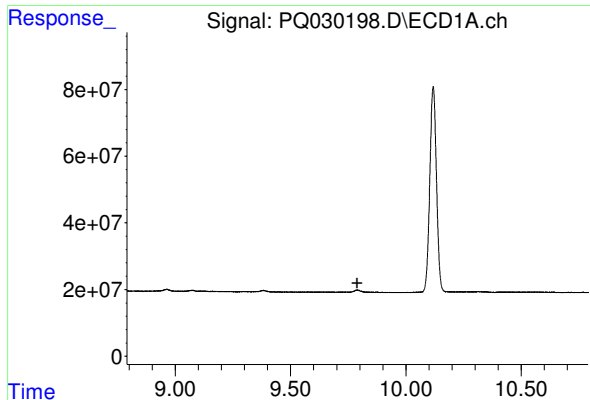
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.383 min
Response: 0
Conc: N.D.



#44 AR-1268-4

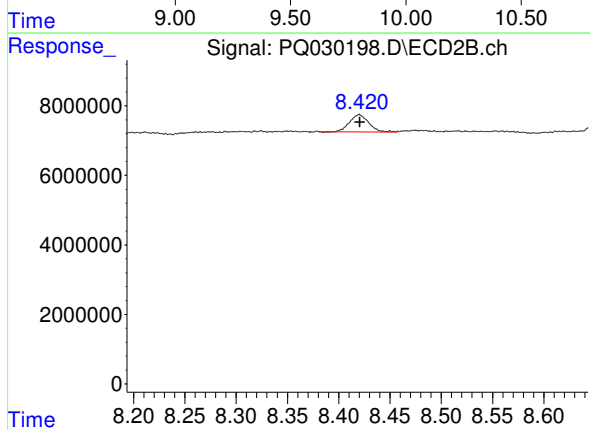
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 3173840
Conc: 3.16 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 6258863
Conc: 0.81 ng/ml