

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040921\
 Data File : PQ053043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2021 12:05
 Operator : DD\AJ
 Sample : M1959-03DL2 20X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:27:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
 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...	5.234	4.242	31914793	10991512	1.385	1.149
2)	SA Decachlor...	11.425	9.583	52501786	21506942	2.123	2.173
Target Compounds							
3)	L1 AR-1016-1	6.582	5.519	227.9E6	92170649	265.585	237.819
4)	L1 AR-1016-2	6.582	5.519	227.9E6	92170649	178.552	166.127
5)	L1 AR-1016-3	6.654	5.711	16992058	41482307	22.419	145.887 #
6)	L1 AR-1016-4	6.755	5.761	90257495	64135157	141.833	285.762 #
7)	L1 AR-1016-5	7.069	5.991	139.3E6	59625936	228.538	207.864
10)	L2 AR-1221-3	5.671	4.725f	2576817	287733	4.466	1.134 #
11)	L3 AR-1232-1	5.671	4.725f	2576817	287733	5.495	1.374 #
12)	L3 AR-1232-2	6.261	5.519	46938914	92170649	185.606	395.088 #
13)	L3 AR-1232-3	6.582	5.711	227.9E6	41482307	423.496	354.472
14)	L3 AR-1232-4	6.755	5.805	90257495	49666739	336.833	499.862 #
15)	L3 AR-1232-5	6.849	5.991	146.2E6	59625936	744.338	539.953 #
16)	L4 AR-1242-1	6.582	5.519	227.9E6	92170649	285.890	260.963
17)	L4 AR-1242-2	6.582	5.519	227.9E6	92170649	193.647	183.954
18)	L4 AR-1242-3	6.654	5.711	16992058	41482307	24.051	159.602 #
19)	L4 AR-1242-4	6.755	5.805	90257495	49666739	153.616	202.290 #
20)	L4 AR-1242-5	7.537	6.371	190.0E6	193.7E6	283.645	557.385 #
21)	L5 AR-1248-1	6.582	5.519	227.9E6	92170649	415.237	376.945
22)	L5 AR-1248-2	6.849	5.761	146.2E6	64135157	187.648	193.280
23)	L5 AR-1248-3	7.069	5.805	139.3E6	49666739	156.207	144.571
24)	L5 AR-1248-4	7.496	5.991	72775254	59625936	68.031	143.901 #
25)	L5 AR-1248-5	7.537	6.414	190.0E6	77751139	178.804	174.255
26)	L6 AR-1254-1	7.466	6.371	390.0E6	193.7E6	286.995	215.934
27)	L6 AR-1254-2	7.694	6.529	564.5E6	226.4E6	264.495	285.833
28)	L6 AR-1254-3	8.077	6.952	466.4E6	347.8E6	198.969	268.197 #
29)	L6 AR-1254-4	8.372	7.189	324.6E6	149.0E6	187.903	167.409
30)	L6 AR-1254-5	8.800	7.619	1525.9E6	924.5E6	831.727	772.854
31)	L7 AR-1260-1	8.242	7.087	883.8E6	520.7E6	820.202	900.719
32)	L7 AR-1260-2	8.506	7.284	1239.7E6	843.2E6	943.427	1057.126
33)	L7 AR-1260-3	8.872	7.439	530.8E6	536.5E6	528.704	813.907 #
34)	L7 AR-1260-4	9.115	7.923	739.0E6	330.1E6	646.681	585.378
35)	L7 AR-1260-5	9.463	8.169	1549.1E6	1207.7E6	651.163	789.145
36)	L8 AR-1262-1	8.872	7.619	530.8E6	924.5E6	292.418	1835.600 #
37)	L8 AR-1262-2	9.463	8.169	1549.1E6	1207.7E6	462.593	580.524 #
38)	L8 AR-1262-3	9.821f	8.457	893.5E6	141.9E6	402.682	175.578 #
39)	L8 AR-1262-4	9.877	8.519	464.2E6	696.2E6	265.734	499.512 #
40)	L8 AR-1262-5	10.612	9.024	286.9E6	155.0E6	236.279	252.732
41)	L9 AR-1268-1	9.821f	8.457	893.5E6	141.9E6	227.680	59.839 #
42)	L9 AR-1268-2	9.877	8.519	464.2E6	696.2E6	125.248	342.480 #
43)	L9 AR-1268-3	10.141	8.719	4546984	19409676	1.424	10.911 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040921\
Data File : PQ053043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2021 12:05
Operator : DD\AJ
Sample : M1959-03DL2 20X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:27:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 2021
Response via : Initial Calibration
Integrator: ChemStation

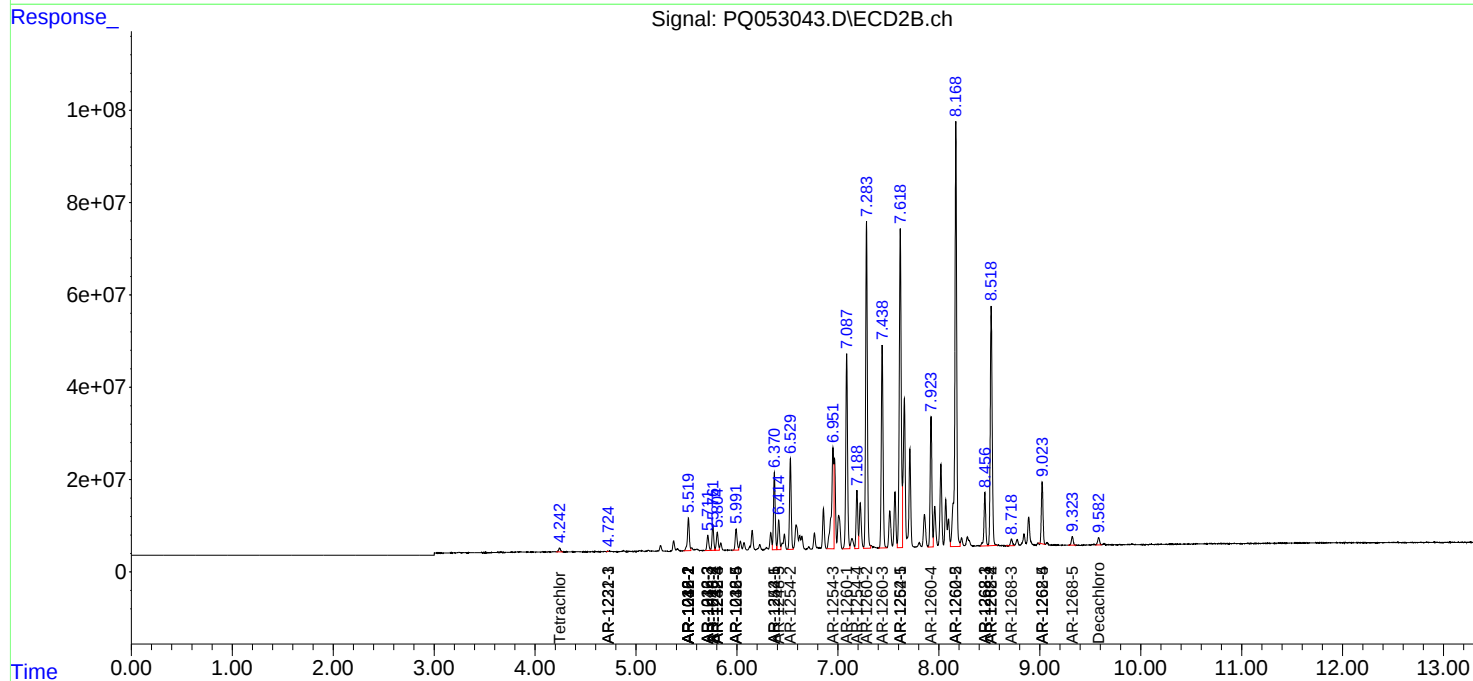
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

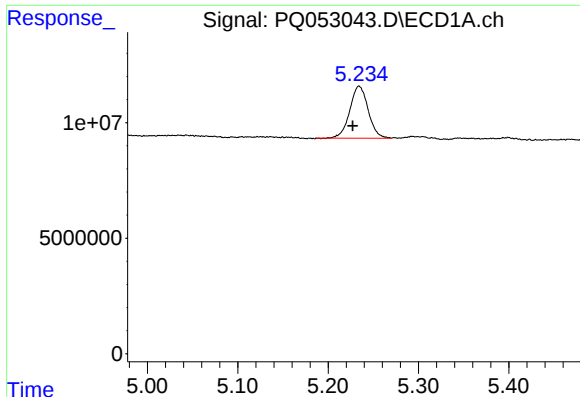
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	10.612	9.024	286.9E6	155.0E6	222.440	233.991
45)	L9 AR-1268-5	11.060	9.323	56615336	24842688	5.280	5.151

(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

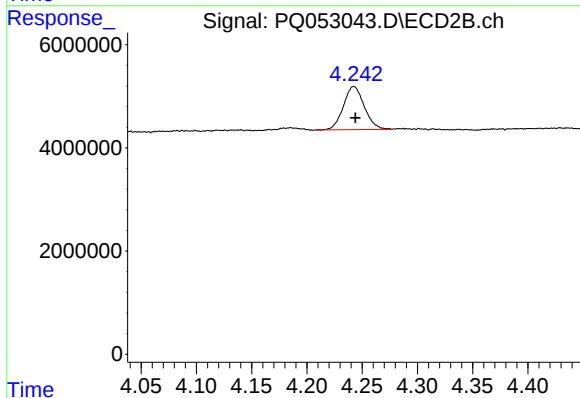




#1 Tetrachloro-m-xylene

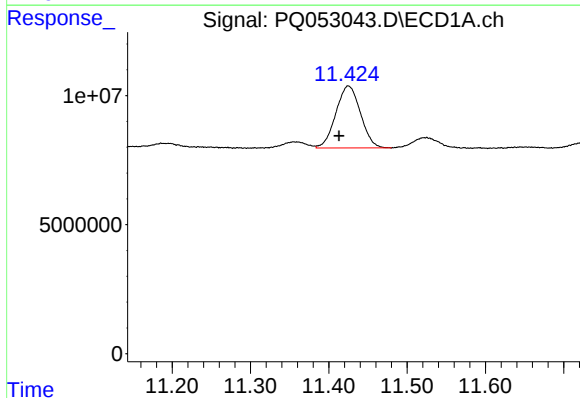
R.T.: 5.234 min
Delta R.T.: 0.007 min
Response: 31914793
Conc: 1.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



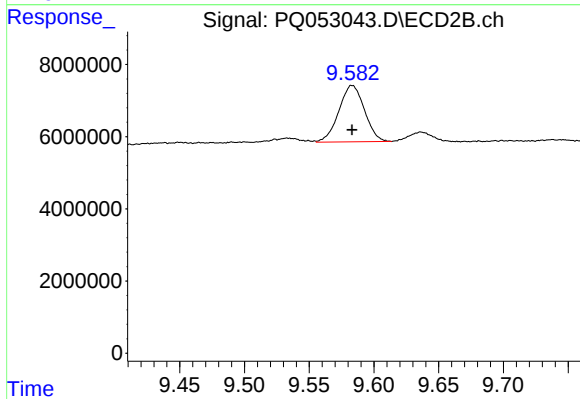
#1 Tetrachloro-m-xylene

R.T.: 4.242 min
Delta R.T.: -0.001 min
Response: 10991512
Conc: 1.15 ng/ml



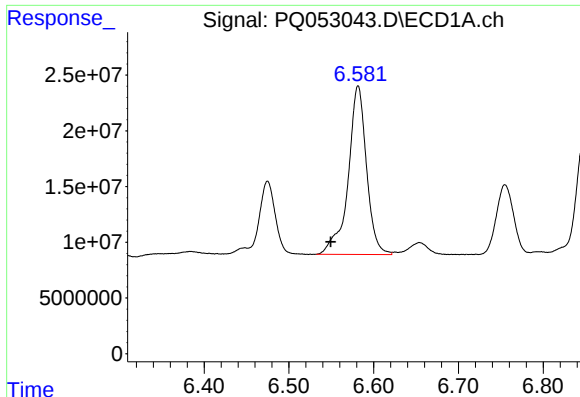
#2 Decachlorobiphenyl

R.T.: 11.425 min
Delta R.T.: 0.012 min
Response: 52501786
Conc: 2.12 ng/ml



#2 Decachlorobiphenyl

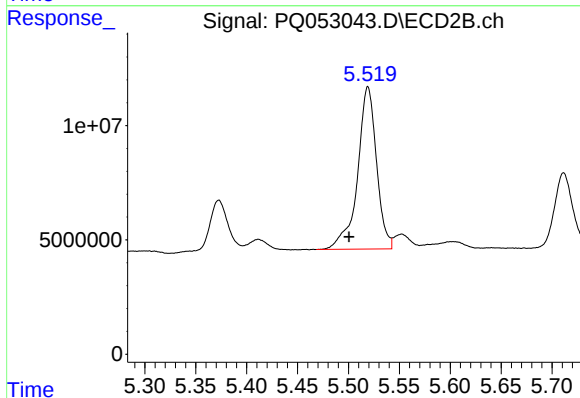
R.T.: 9.583 min
Delta R.T.: 0.000 min
Response: 21506942
Conc: 2.17 ng/ml



#3 AR-1016-1

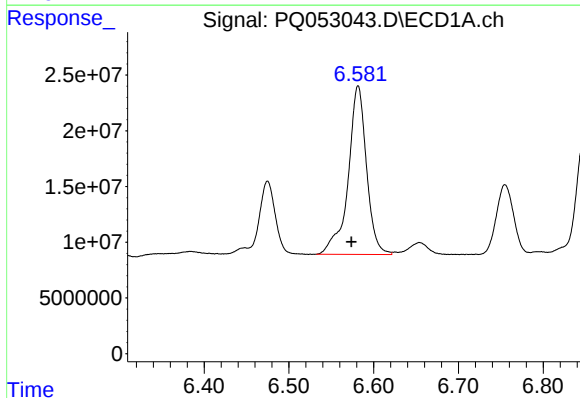
R.T.: 6.582 min
Delta R.T.: 0.032 min
Response: 227879564
Conc: 265.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



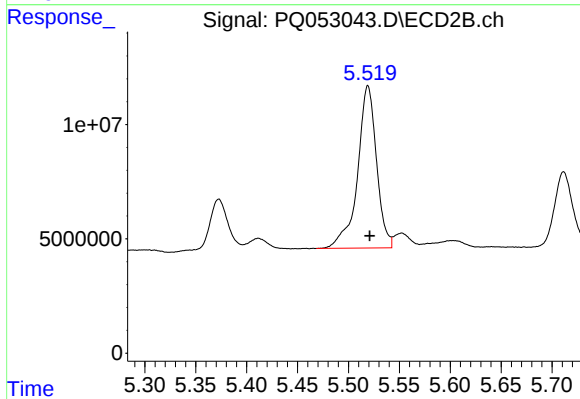
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: 0.018 min
Response: 92170649
Conc: 237.82 ng/ml



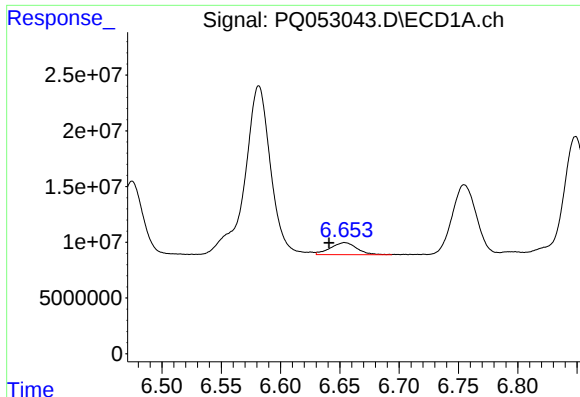
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 227879564
Conc: 178.55 ng/ml



#4 AR-1016-2

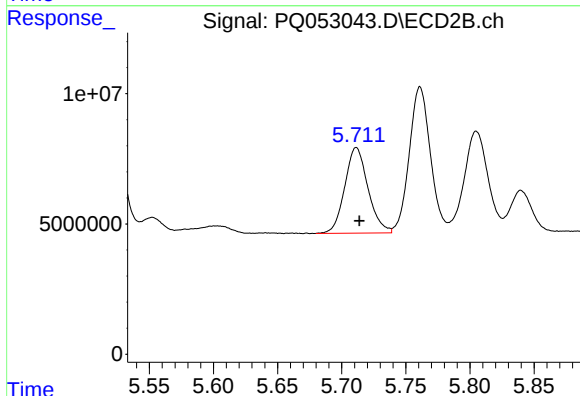
R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 92170649
Conc: 166.13 ng/ml



#5 AR-1016-3

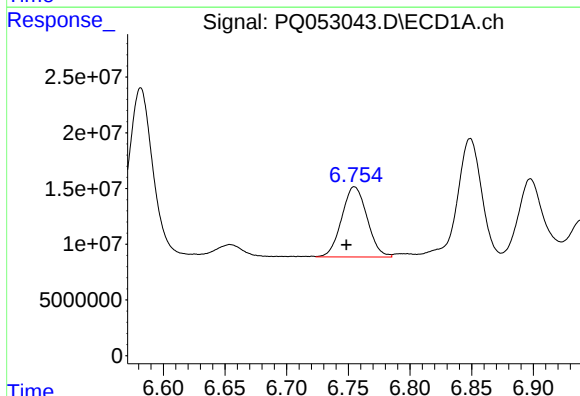
R.T.: 6.654 min
Delta R.T.: 0.013 min
Response: 16992058
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



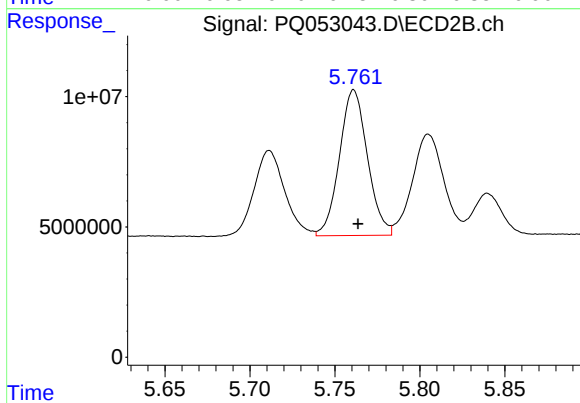
#5 AR-1016-3

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 41482307
Conc: 145.89 ng/ml



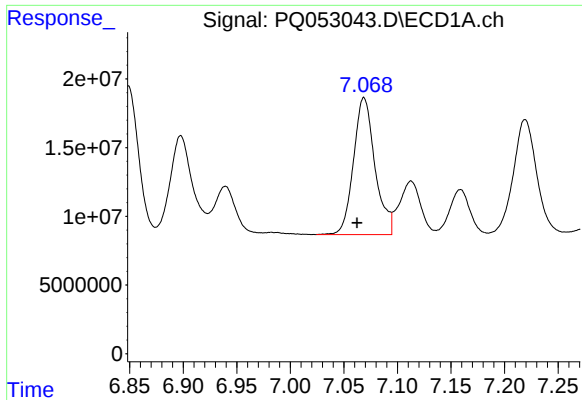
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: 0.006 min
Response: 90257495
Conc: 141.83 ng/ml



#6 AR-1016-4

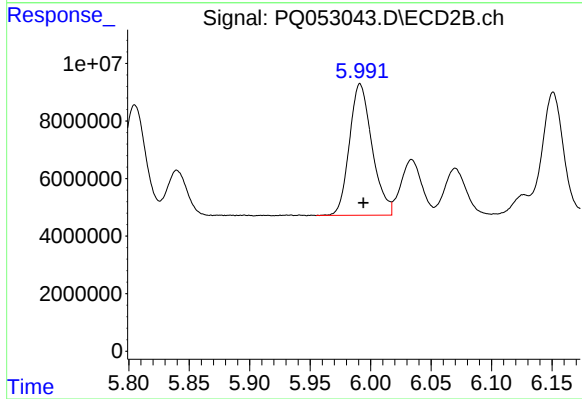
R.T.: 5.761 min
Delta R.T.: -0.003 min
Response: 64135157
Conc: 285.76 ng/ml



#7 AR-1016-5

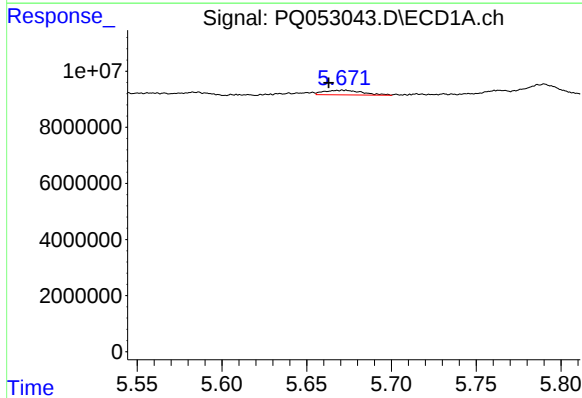
R.T.: 7.069 min
Delta R.T.: 0.007 min
Response: 139281481
Conc: 228.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



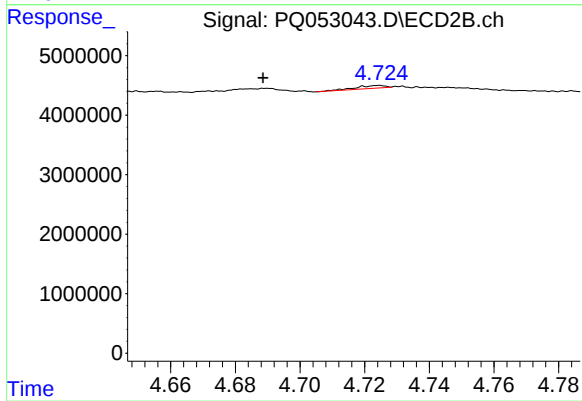
#7 AR-1016-5

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 59625936
Conc: 207.86 ng/ml



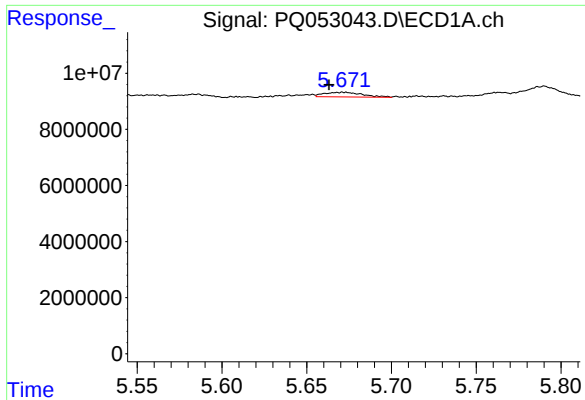
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: 0.008 min
Response: 2576817
Conc: 4.47 ng/ml



#10 AR-1221-3

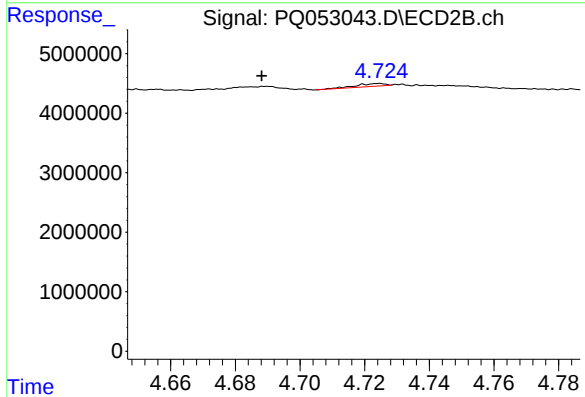
R.T.: 4.725 min
Delta R.T.: 0.036 min
Response: 287733
Conc: 1.13 ng/ml



#11 AR-1232-1

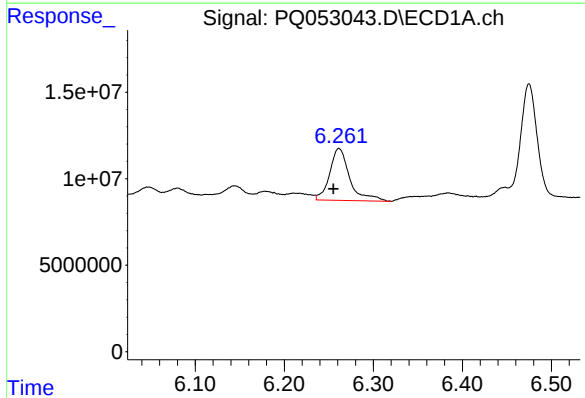
R.T.: 5.671 min
Delta R.T.: 0.008 min
Response: 2576817
Conc: 5.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



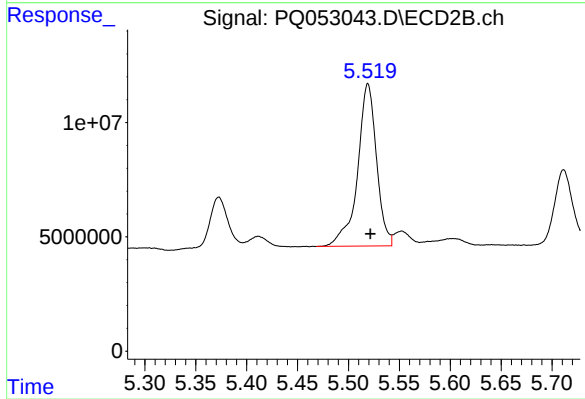
#11 AR-1232-1

R.T.: 4.725 min
Delta R.T.: 0.036 min
Response: 287733
Conc: 1.37 ng/ml



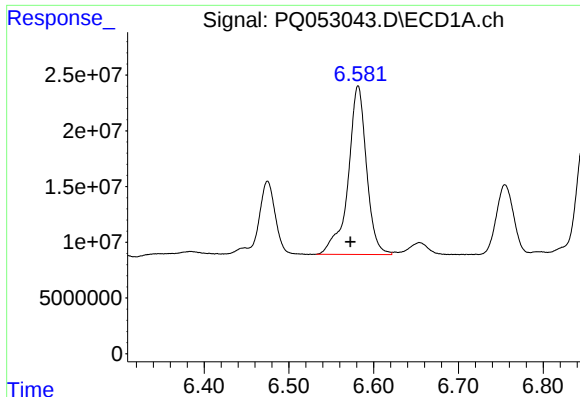
#12 AR-1232-2

R.T.: 6.261 min
Delta R.T.: 0.006 min
Response: 46938914
Conc: 185.61 ng/ml



#12 AR-1232-2

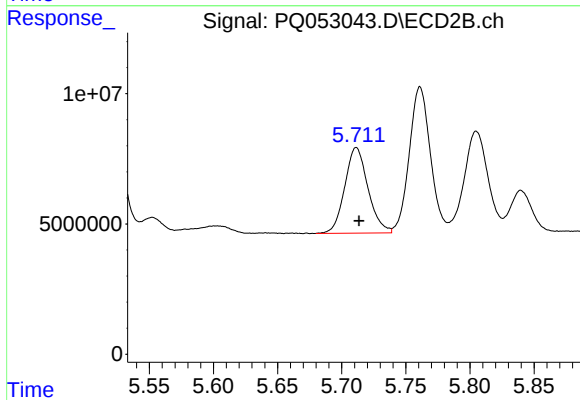
R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 92170649
Conc: 395.09 ng/ml



#13 AR-1232-3

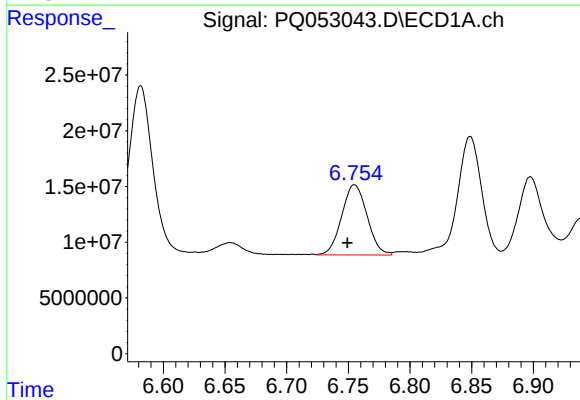
R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 227879564
Conc: 423.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



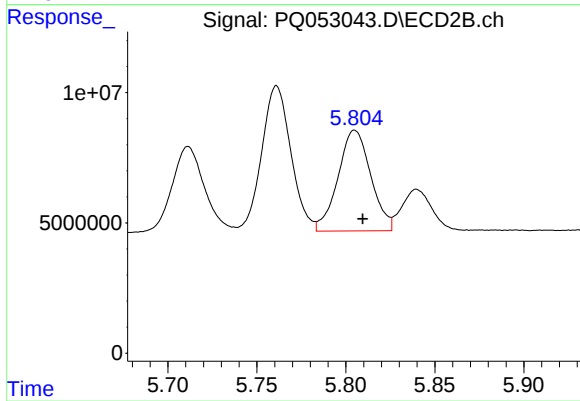
#13 AR-1232-3

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 41482307
Conc: 354.47 ng/ml



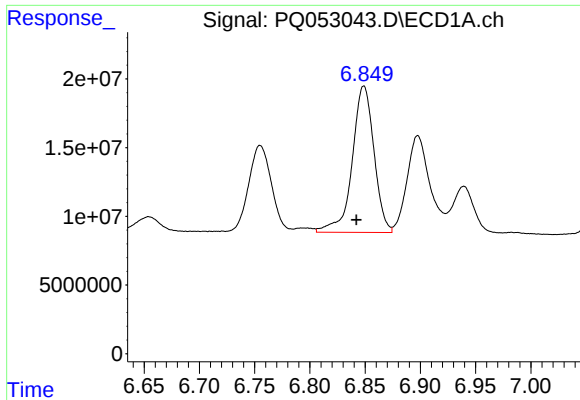
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: 0.006 min
Response: 90257495
Conc: 336.83 ng/ml



#14 AR-1232-4

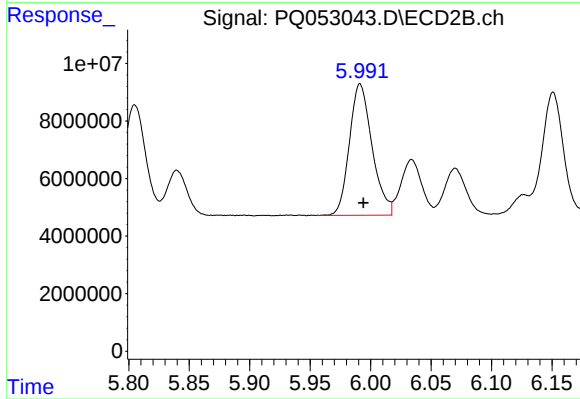
R.T.: 5.805 min
Delta R.T.: -0.005 min
Response: 49666739
Conc: 499.86 ng/ml



#15 AR-1232-5

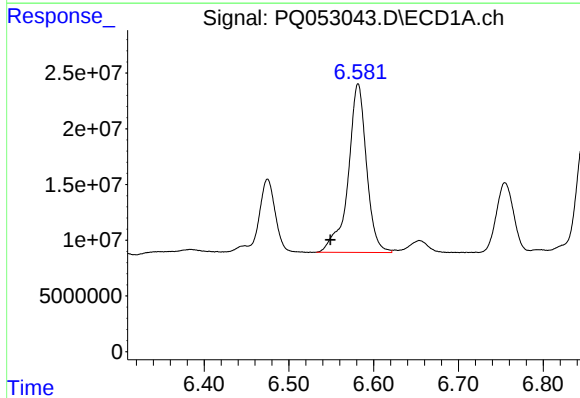
R.T.: 6.849 min
Delta R.T.: 0.007 min
Response: 146156300
Conc: 744.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



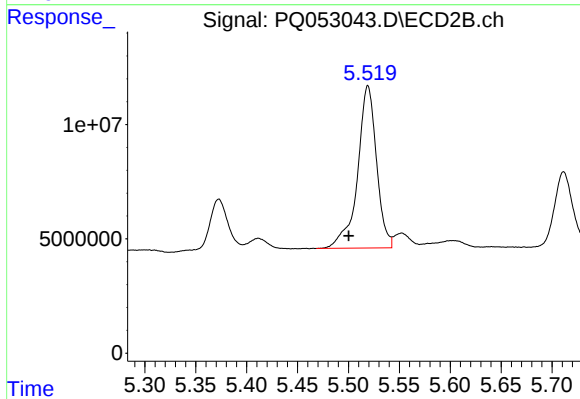
#15 AR-1232-5

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 59625936
Conc: 539.95 ng/ml



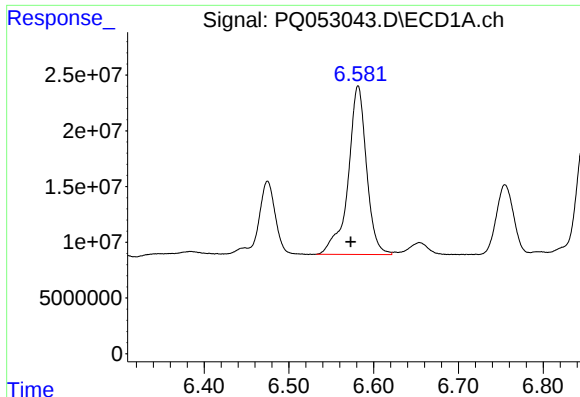
#16 AR-1242-1

R.T.: 6.582 min
Delta R.T.: 0.033 min
Response: 227879564
Conc: 285.89 ng/ml



#16 AR-1242-1

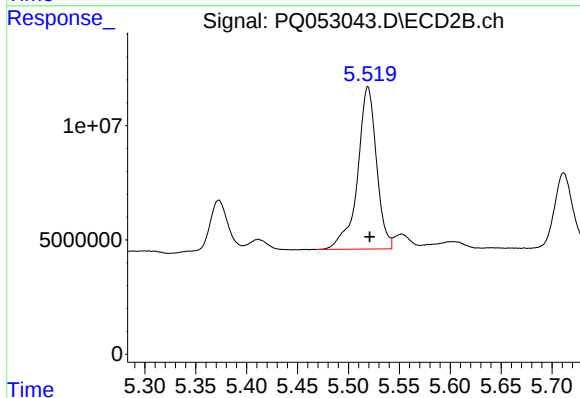
R.T.: 5.519 min
Delta R.T.: 0.019 min
Response: 92170649
Conc: 260.96 ng/ml



#17 AR-1242-2

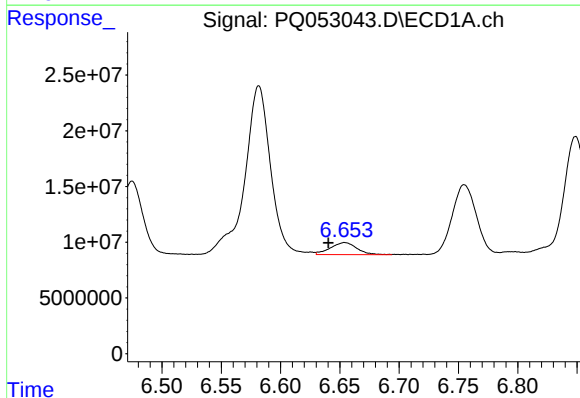
R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 227879564
Conc: 193.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



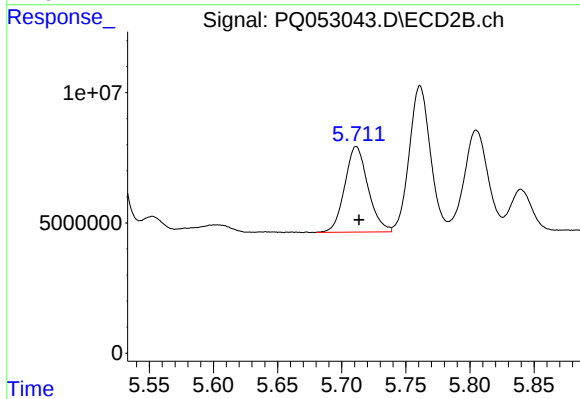
#17 AR-1242-2

R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 92170649
Conc: 183.95 ng/ml



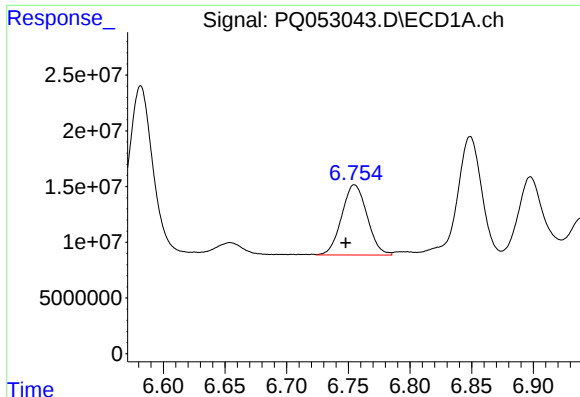
#18 AR-1242-3

R.T.: 6.654 min
Delta R.T.: 0.014 min
Response: 16992058
Conc: 24.05 ng/ml



#18 AR-1242-3

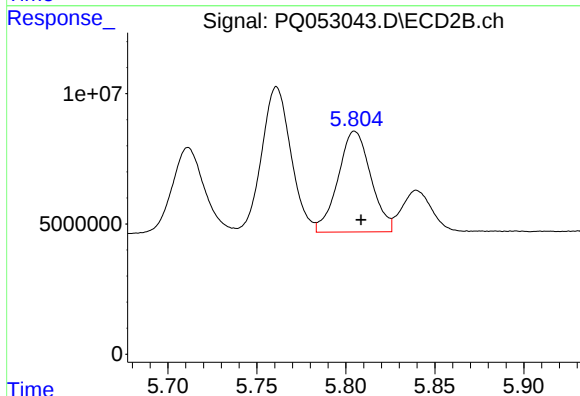
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 41482307
Conc: 159.60 ng/ml



#19 AR-1242-4

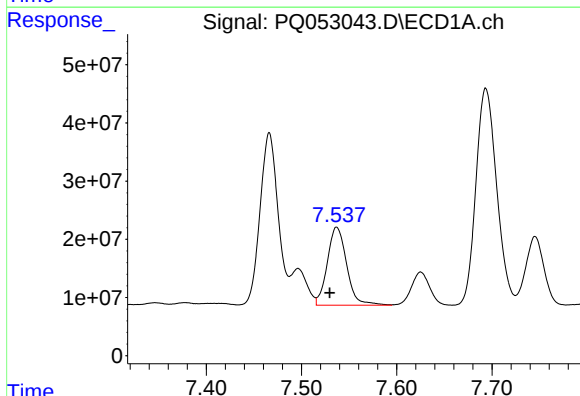
R.T.: 6.755 min
Delta R.T.: 0.007 min
Response: 90257495
Conc: 153.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



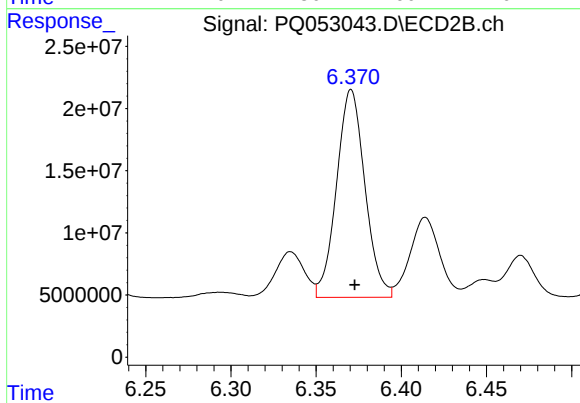
#19 AR-1242-4

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 49666739
Conc: 202.29 ng/ml



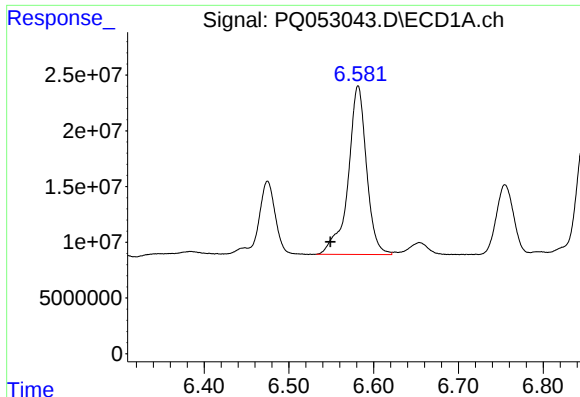
#20 AR-1242-5

R.T.: 7.537 min
Delta R.T.: 0.007 min
Response: 190038577
Conc: 283.65 ng/ml



#20 AR-1242-5

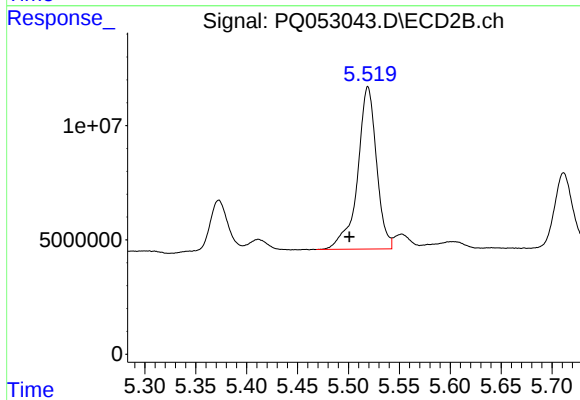
R.T.: 6.371 min
Delta R.T.: -0.002 min
Response: 193652089
Conc: 557.39 ng/ml



#21 AR-1248-1

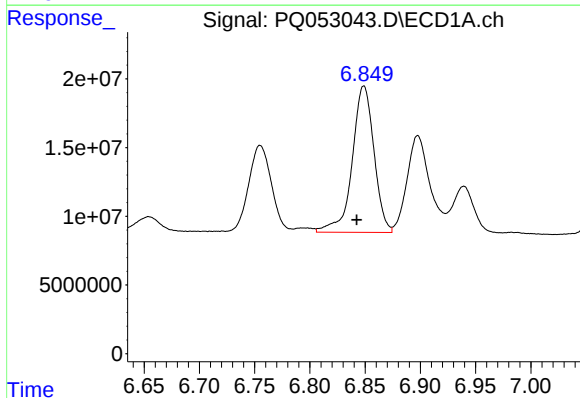
R.T.: 6.582 min
Delta R.T.: 0.033 min
Response: 227879564
Conc: 415.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



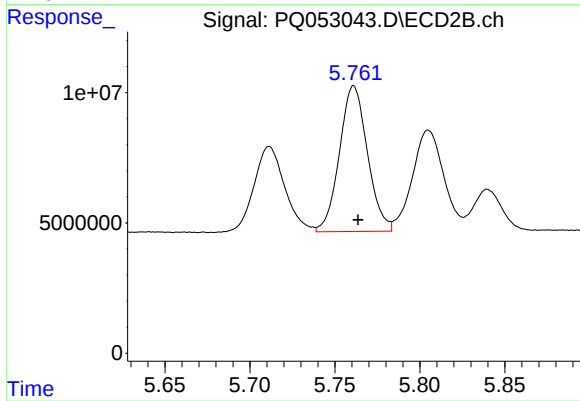
#21 AR-1248-1

R.T.: 5.519 min
Delta R.T.: 0.018 min
Response: 92170649
Conc: 376.94 ng/ml



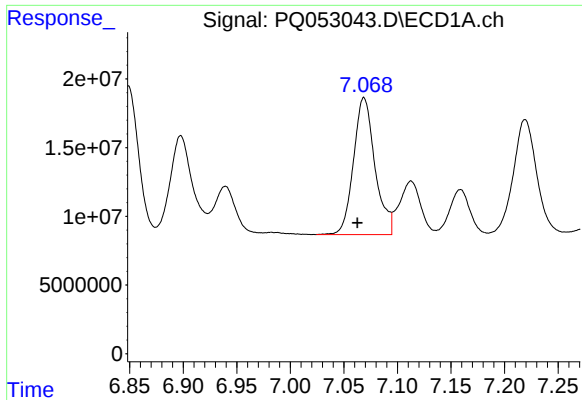
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: 0.007 min
Response: 146156300
Conc: 187.65 ng/ml



#22 AR-1248-2

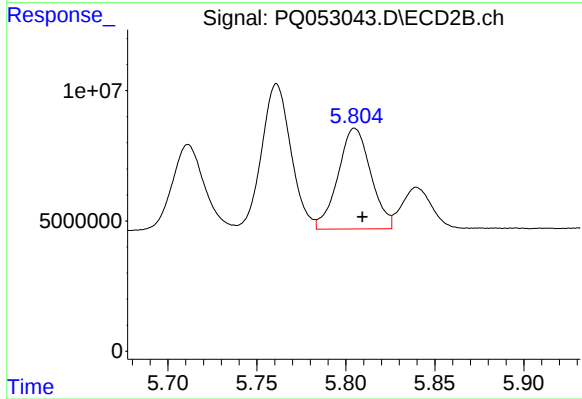
R.T.: 5.761 min
Delta R.T.: -0.003 min
Response: 64135157
Conc: 193.28 ng/ml



#23 AR-1248-3

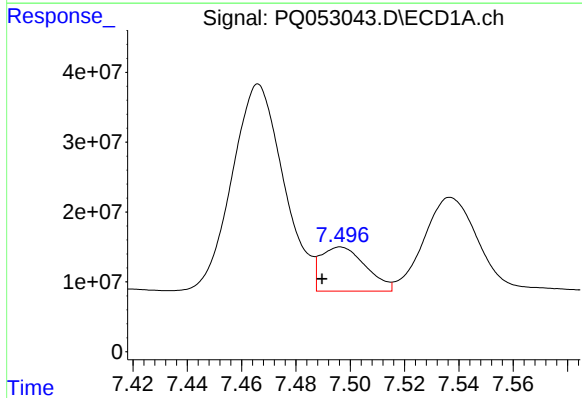
R.T.: 7.069 min
Delta R.T.: 0.006 min
Response: 139281481
Conc: 156.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



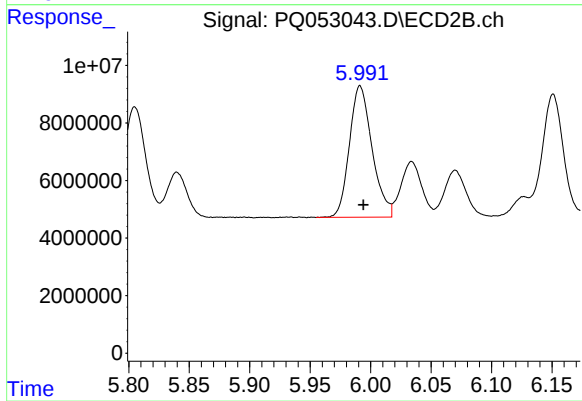
#23 AR-1248-3

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 49666739
Conc: 144.57 ng/ml



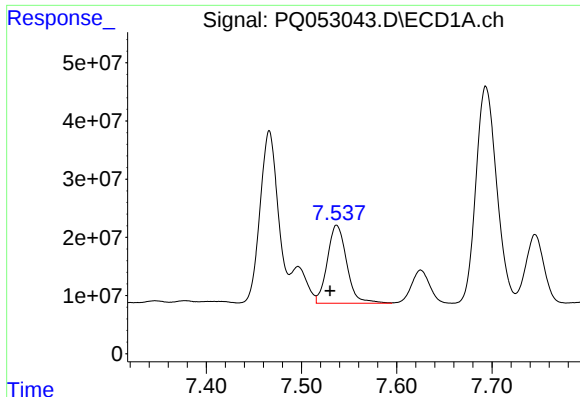
#24 AR-1248-4

R.T.: 7.496 min
Delta R.T.: 0.007 min
Response: 72775254
Conc: 68.03 ng/ml



#24 AR-1248-4

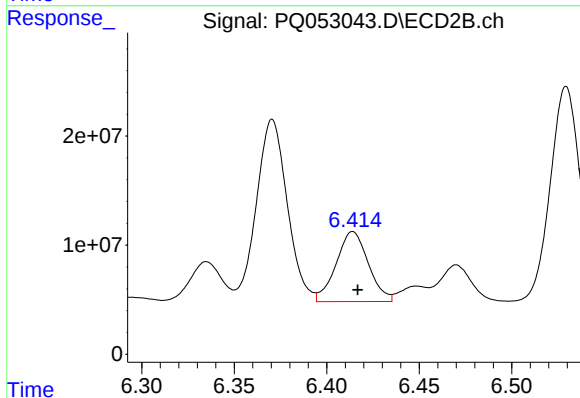
R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 59625936
Conc: 143.90 ng/ml



#25 AR-1248-5

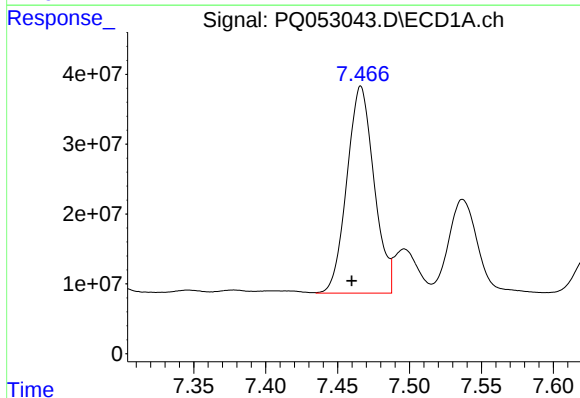
R.T.: 7.537 min
Delta R.T.: 0.007 min
Response: 190038577
Conc: 178.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



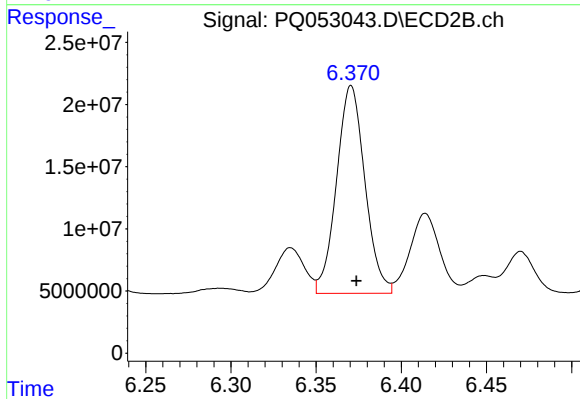
#25 AR-1248-5

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 77751139
Conc: 174.26 ng/ml



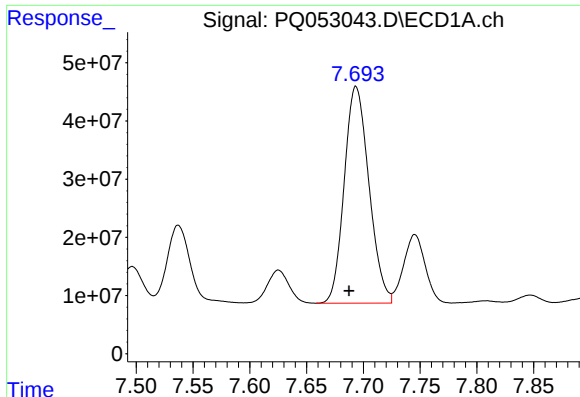
#26 AR-1254-1

R.T.: 7.466 min
Delta R.T.: 0.006 min
Response: 389981883
Conc: 287.00 ng/ml



#26 AR-1254-1

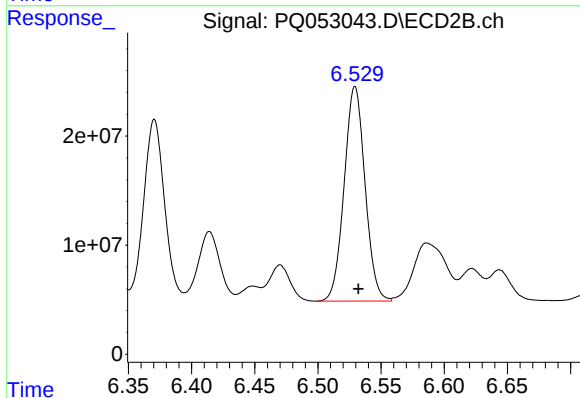
R.T.: 6.371 min
Delta R.T.: -0.003 min
Response: 193652089
Conc: 215.93 ng/ml



#27 AR-1254-2

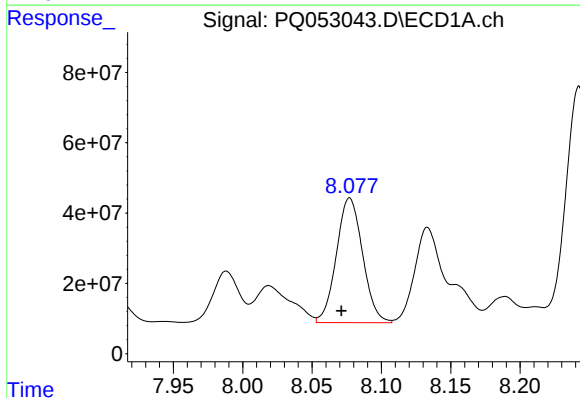
R.T.: 7.694 min
Delta R.T.: 0.006 min
Response: 564516389
Conc: 264.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



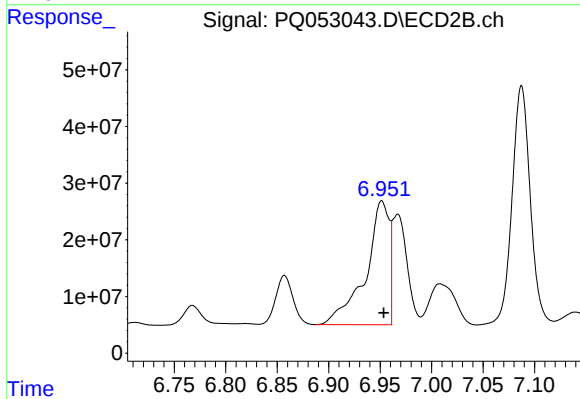
#27 AR-1254-2

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 226423894
Conc: 285.83 ng/ml



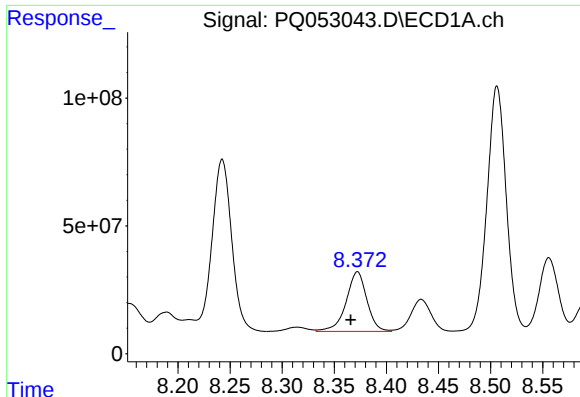
#28 AR-1254-3

R.T.: 8.077 min
Delta R.T.: 0.006 min
Response: 466374264
Conc: 198.97 ng/ml



#28 AR-1254-3

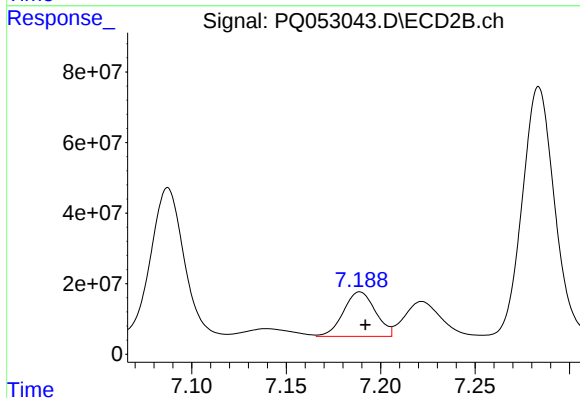
R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 347834154
Conc: 268.20 ng/ml



#29 AR-1254-4

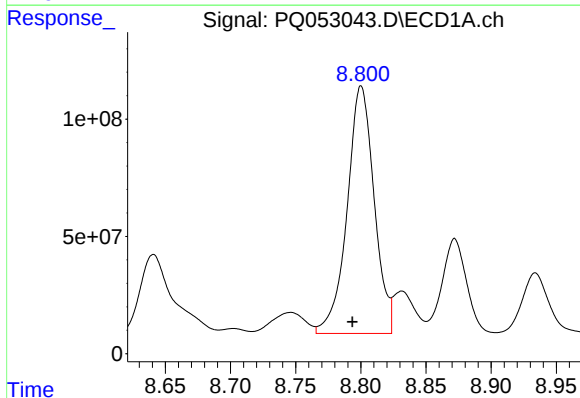
R.T.: 8.372 min
Delta R.T.: 0.007 min
Response: 324575527
Conc: 187.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



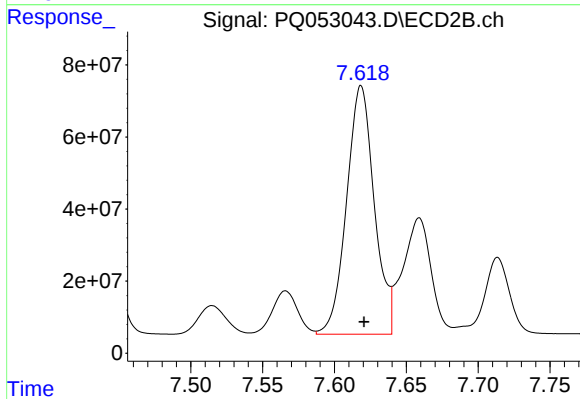
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 148971244
Conc: 167.41 ng/ml



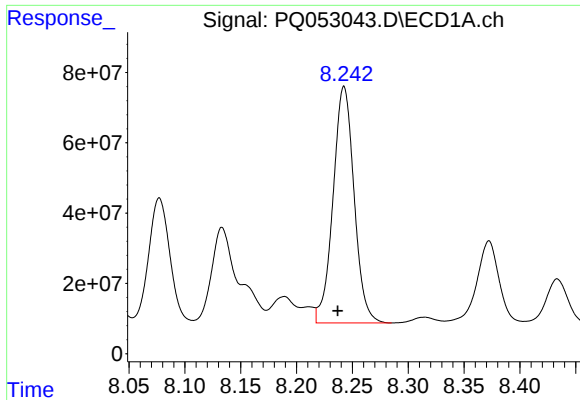
#30 AR-1254-5

R.T.: 8.800 min
Delta R.T.: 0.007 min
Response: 1525910860
Conc: 831.73 ng/ml



#30 AR-1254-5

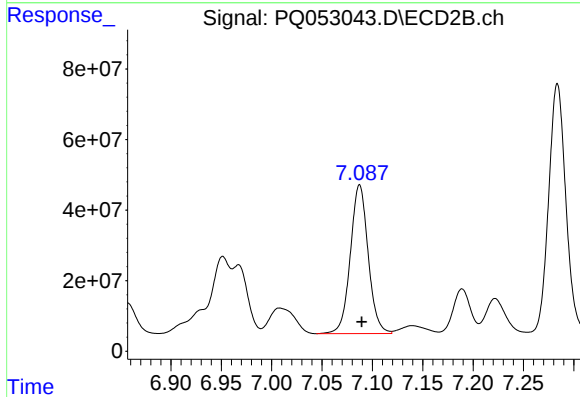
R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 924527794
Conc: 772.85 ng/ml



#31 AR-1260-1

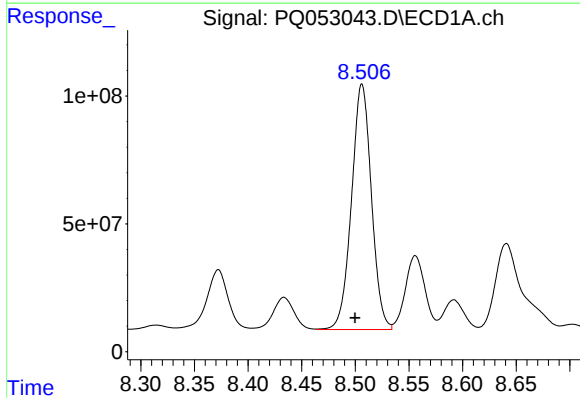
R.T.: 8.242 min
Delta R.T.: 0.006 min
Response: 883755942
Conc: 820.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



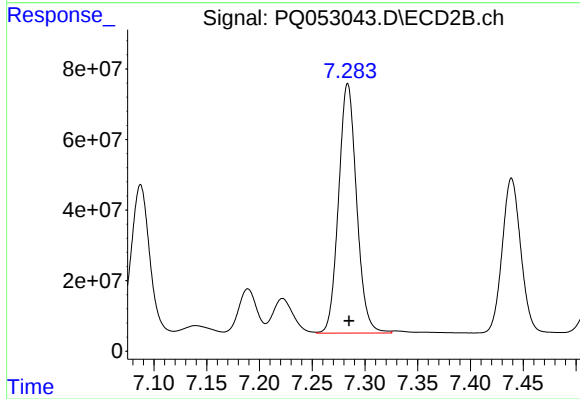
#31 AR-1260-1

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 520705285
Conc: 900.72 ng/ml



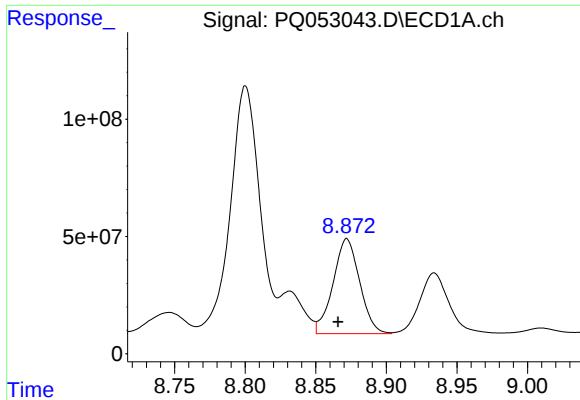
#32 AR-1260-2

R.T.: 8.506 min
Delta R.T.: 0.006 min
Response: 1239697825
Conc: 943.43 ng/ml



#32 AR-1260-2

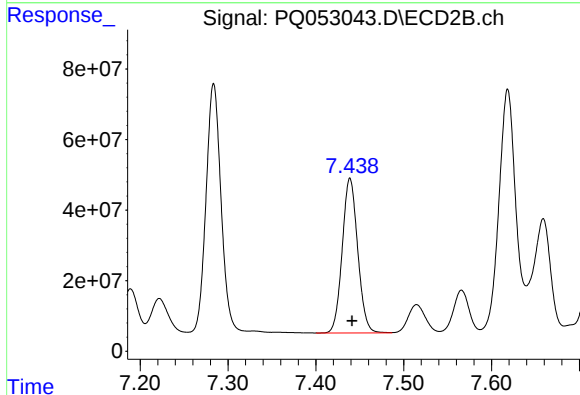
R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 843176869
Conc: 1057.13 ng/ml



#33 AR-1260-3

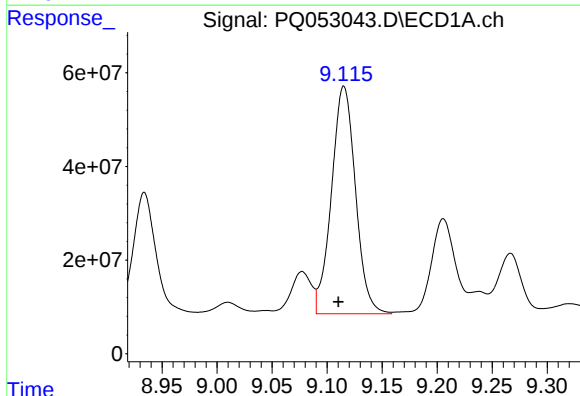
R.T.: 8.872 min
Delta R.T.: 0.006 min
Response: 530790918
Conc: 528.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



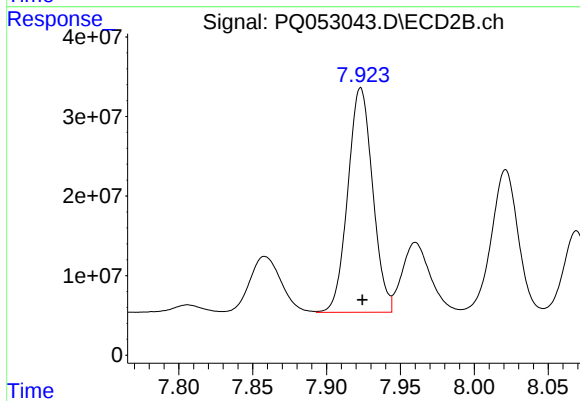
#33 AR-1260-3

R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 536453782
Conc: 813.91 ng/ml



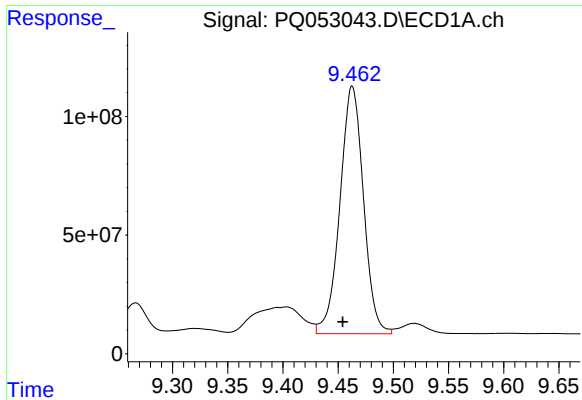
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: 0.005 min
Response: 739016900
Conc: 646.68 ng/ml



#34 AR-1260-4

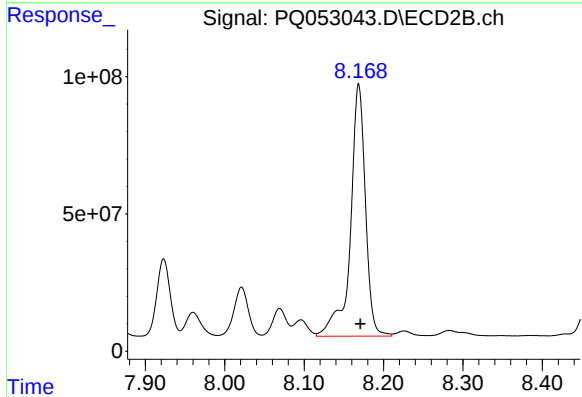
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 330101605
Conc: 585.38 ng/ml



#35 AR-1260-5

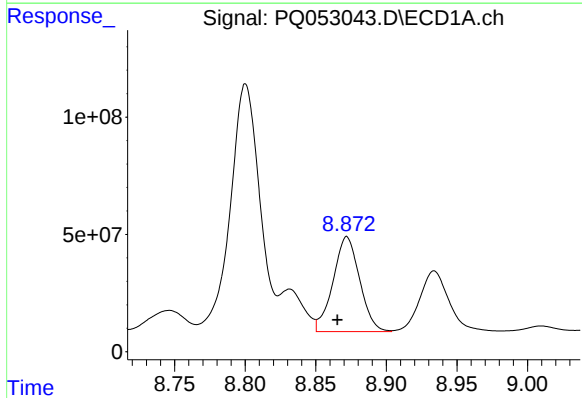
R.T.: 9.463 min
Delta R.T.: 0.009 min
Response: 1549065443
Conc: 651.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



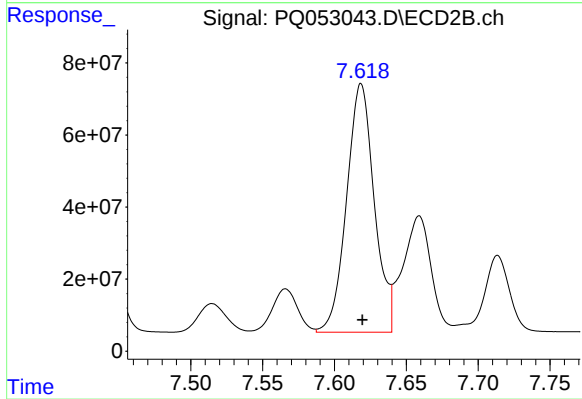
#35 AR-1260-5

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 1207652110
Conc: 789.14 ng/ml



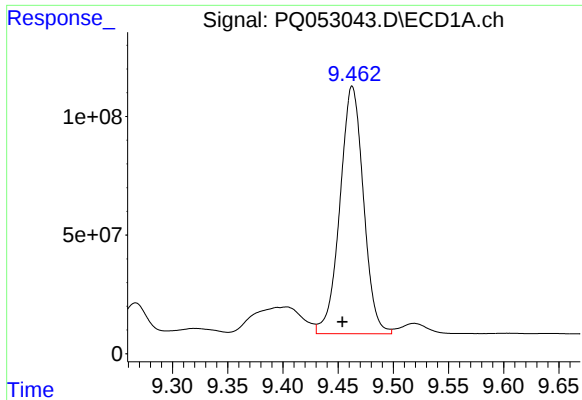
#36 AR-1262-1

R.T.: 8.872 min
Delta R.T.: 0.007 min
Response: 530790918
Conc: 292.42 ng/ml



#36 AR-1262-1

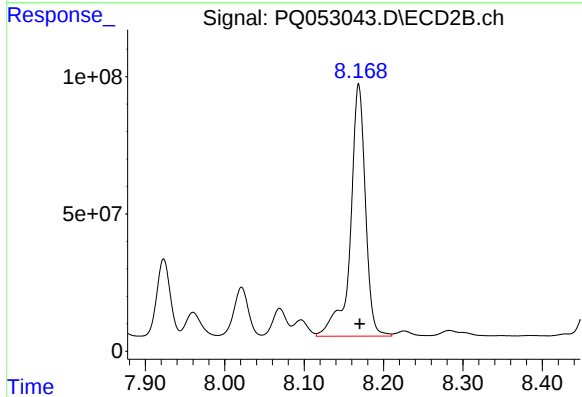
R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 924527794
Conc: 1835.60 ng/ml



#37 AR-1262-2

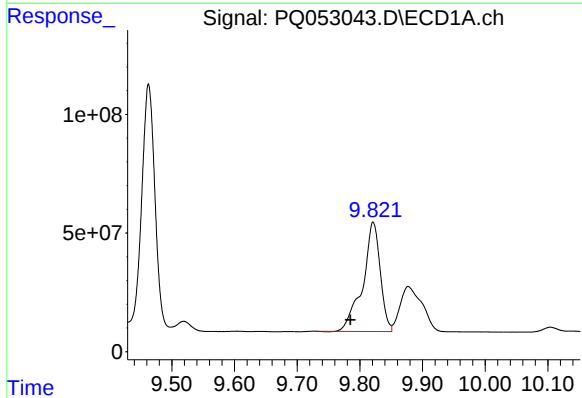
R.T.: 9.463 min
Delta R.T.: 0.009 min
Response: 1549065443
Conc: 462.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



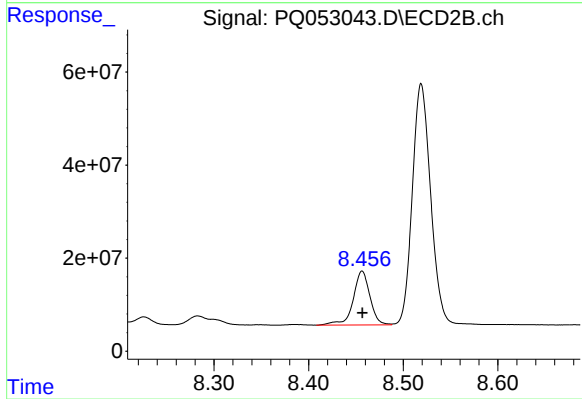
#37 AR-1262-2

R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 1207652110
Conc: 580.52 ng/ml



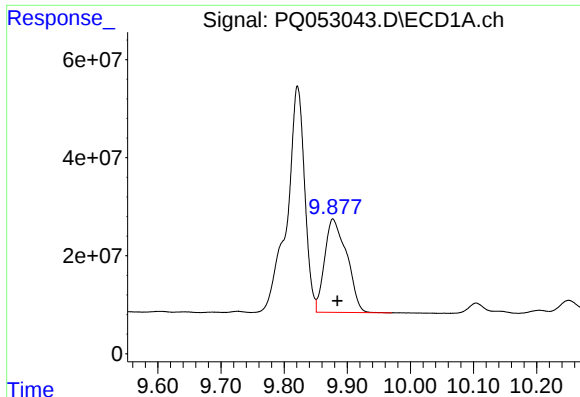
#38 AR-1262-3

R.T.: 9.821 min
Delta R.T.: 0.036 min
Response: 893511827
Conc: 402.68 ng/ml



#38 AR-1262-3

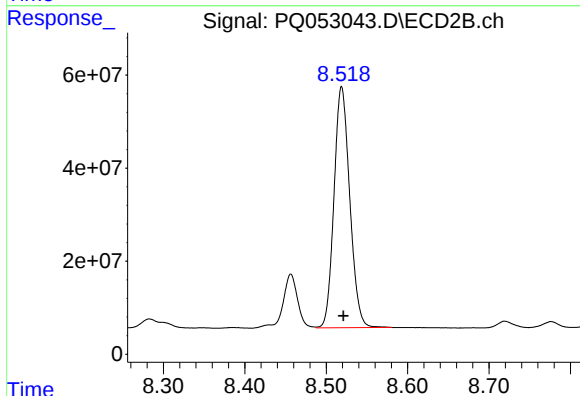
R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 141923141
Conc: 175.58 ng/ml



#39 AR-1262-4

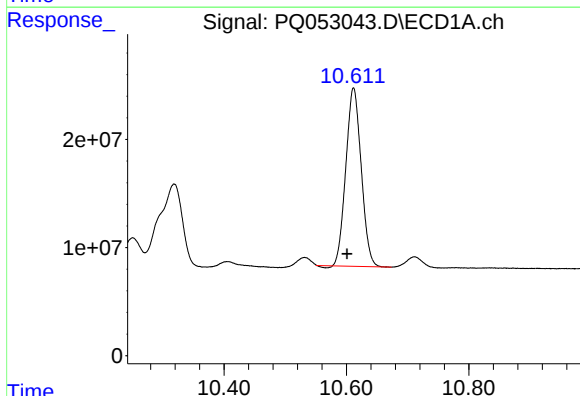
R.T.: 9.877 min
Delta R.T.: -0.007 min
Response: 464198545
Conc: 265.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



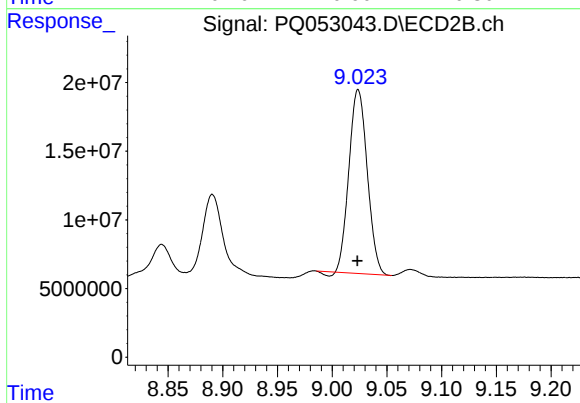
#39 AR-1262-4

R.T.: 8.519 min
Delta R.T.: -0.002 min
Response: 696245973
Conc: 499.51 ng/ml



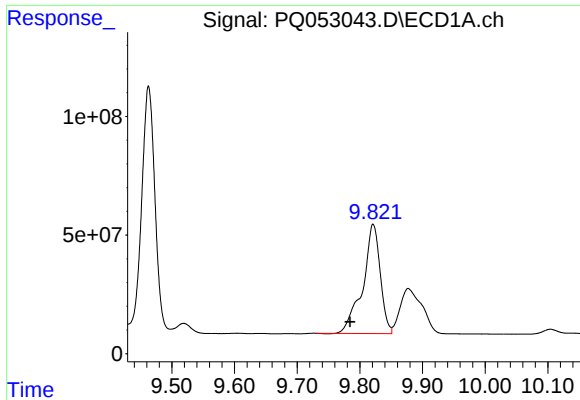
#40 AR-1262-5

R.T.: 10.612 min
Delta R.T.: 0.011 min
Response: 286862164
Conc: 236.28 ng/ml



#40 AR-1262-5

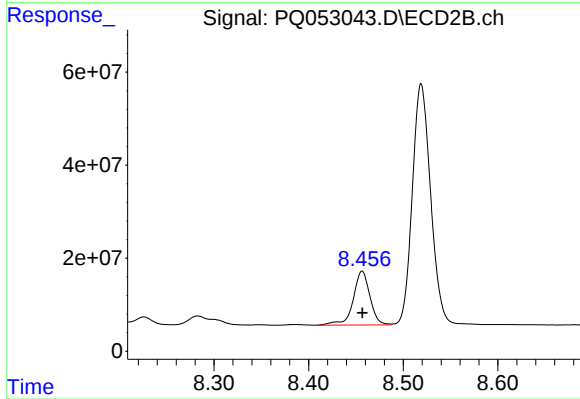
R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 155033732
Conc: 252.73 ng/ml



#41 AR-1268-1

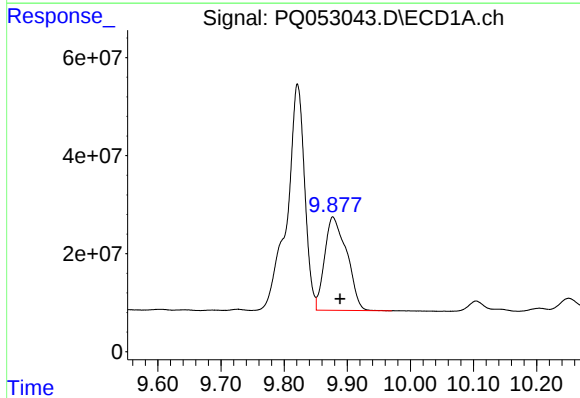
R.T.: 9.821 min
Delta R.T.: 0.037 min
Response: 893511827
Conc: 227.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



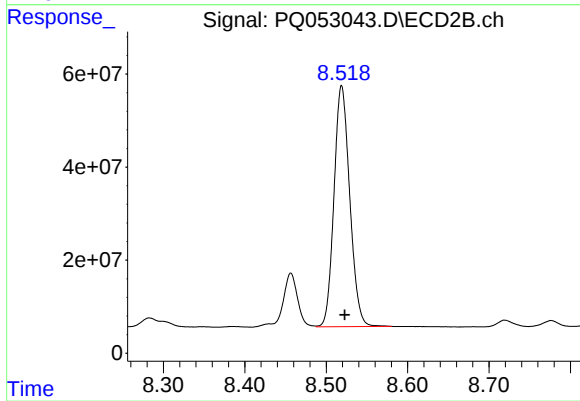
#41 AR-1268-1

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 141923141
Conc: 59.84 ng/ml



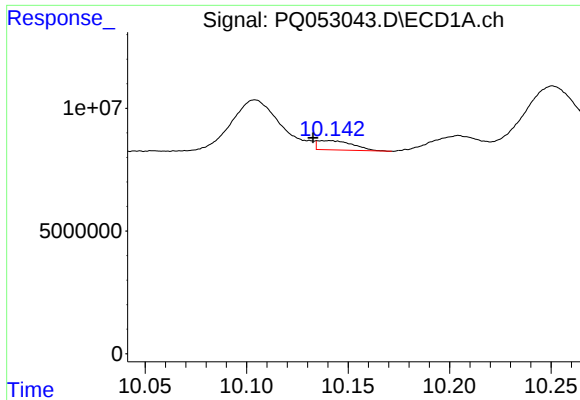
#42 AR-1268-2

R.T.: 9.877 min
Delta R.T.: -0.011 min
Response: 464198545
Conc: 125.25 ng/ml



#42 AR-1268-2

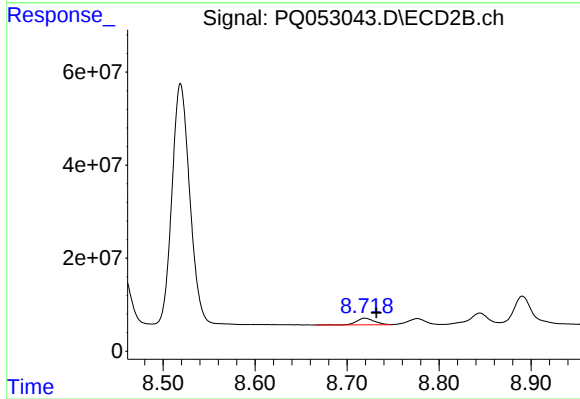
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 696245973
Conc: 342.48 ng/ml



#43 AR-1268-3

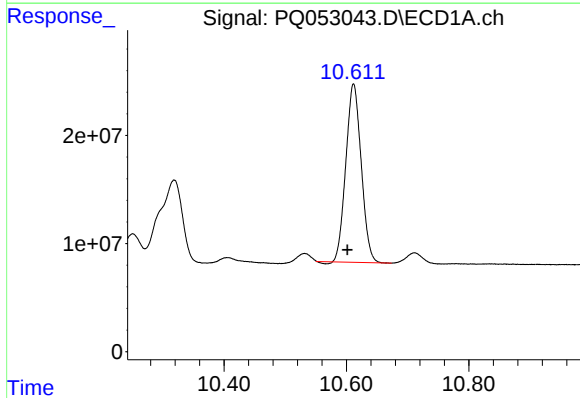
R.T.: 10.141 min
Delta R.T.: 0.008 min
Response: 4546984
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



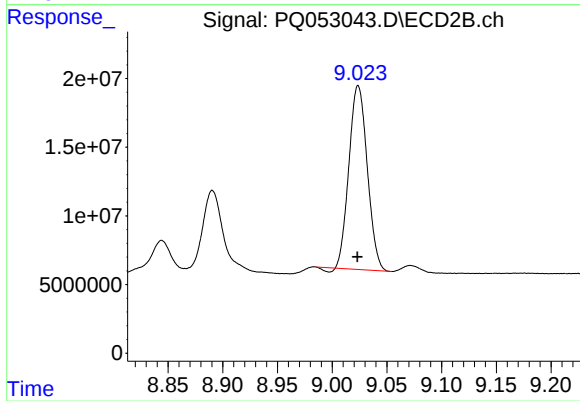
#43 AR-1268-3

R.T.: 8.719 min
Delta R.T.: -0.012 min
Response: 19409676
Conc: 10.91 ng/ml



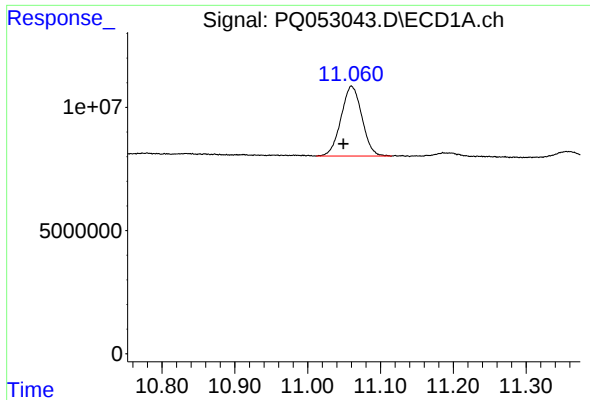
#44 AR-1268-4

R.T.: 10.612 min
Delta R.T.: 0.010 min
Response: 286862164
Conc: 222.44 ng/ml



#44 AR-1268-4

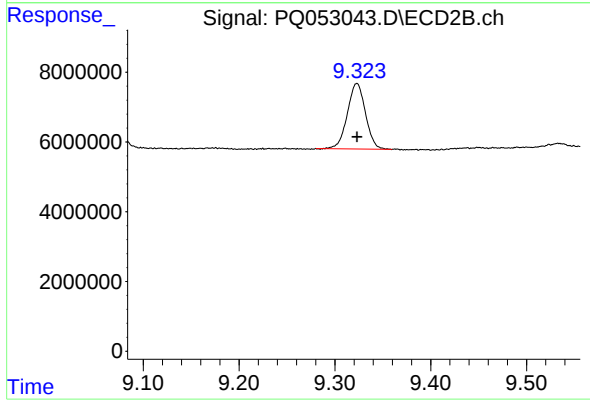
R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 155033732
Conc: 233.99 ng/ml



#45 AR-1268-5

R.T.: 11.060 min
Delta R.T.: 0.011 min
Response: 56615336
Conc: 5.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.323 min
Delta R.T.: 0.000 min
Response: 24842688
Conc: 5.15 ng/ml