

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031920\
 Data File : PQ047052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 09:27
 Operator : AJ\MA
 Sample : L1954-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:47:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 15:09:31 2020
 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...	5.119	4.274	491.1E6	62181505	21.965	21.665
2)	SA Decachlor...	11.198	9.664	261.5E6	67484912	20.478	20.224
Target Compounds							
3)	L1 AR-1016-1	6.433	5.548	182.2E6	23516812	199.777	200.171
4)	L1 AR-1016-2	6.457	5.569	253.8E6	32244393	196.269	201.821
5)	L1 AR-1016-3	6.524	5.764	152.8E6	17415975	200.235	203.742
6)	L1 AR-1016-4	6.630	5.813	141.1E6	13992312	212.403	201.691
7)	L1 AR-1016-5	6.945	6.046	123.9E6	18092526	193.990	198.184
8)	L2 AR-1221-1	5.358	4.534	14612378	1990009	60.416	66.212
9)	L2 AR-1221-2	5.463	4.637	22917788	3205555	123.606	142.108
10)	L2 AR-1221-3	5.549	4.728	85394506	11054497	153.222	160.205
11)	L3 AR-1232-1	5.549	4.728	85394506	11054497	218.237	232.103
12)	L3 AR-1232-2	6.139	5.569	123.2E6	32244393	569.915	637.224
13)	L3 AR-1232-3	6.457	5.764	253.8E6	17415975	604.600	659.537
14)	L3 AR-1232-4	6.630	5.858	141.1E6	17216540	654.397	726.427
15)	L3 AR-1232-5	6.727	6.046	115.5E6	18092526	790.375	672.449
16)	L4 AR-1242-1	6.433	5.548	182.2E6	23516812	314.670	313.637
17)	L4 AR-1242-2	6.457	5.569	253.8E6	32244393	310.503	318.978
18)	L4 AR-1242-3	6.524	5.764	152.8E6	17415975	308.281	315.763
19)	L4 AR-1242-4	6.630	5.858	141.1E6	17216540	329.411	324.100
20)	L4 AR-1242-5	7.412	6.427	19414287	15718582	41.323	218.295 #
21)	L5 AR-1248-1	6.433	5.548	182.2E6	23516812	387.038	391.540
22)	L5 AR-1248-2	6.727	5.813	115.5E6	13992312	179.547	180.460
23)	L5 AR-1248-3	6.945	5.858	123.9E6	17216540	171.772	215.511 #
24)	L5 AR-1248-4	7.371	6.046	20084544	18092526	24.746	191.243 #
25)	L5 AR-1248-5	7.412	6.471	19414287	3098260	25.159	29.411
26)	L6 AR-1254-1	7.343	6.427	95852078	15718582	124.144	105.312
27)	L6 AR-1254-2	7.571	6.585	102.9E6	15166807	87.301	118.094 #
28)	L6 AR-1254-3	7.953	7.026	54229138	25846617	46.464	121.662 #
29)	L6 AR-1254-4	8.247	7.250	41053710	3461883	43.875	25.552 #
30)	L6 AR-1254-5	8.677	7.681	296.1E6	52283807	352.954	284.576
31)	L7 AR-1260-1	8.122	7.146	236.8E6	36943166	226.402	211.218
32)	L7 AR-1260-2	8.385	7.342	277.1E6	45080276	201.676	209.204
33)	L7 AR-1260-3	8.753	7.501	182.3E6	41270100	169.187	205.204
34)	L7 AR-1260-4	8.987	7.986	183.3E6	30893007	183.731	176.208
35)	L7 AR-1260-5	9.321	8.232	368.2E6	76272032	177.132	175.062
36)	L8 AR-1262-1	8.753	7.681	182.3E6	52283807	140.160	483.848 #
37)	L8 AR-1262-2	9.321	8.232	368.2E6	76272032	189.471	192.651
38)	L8 AR-1262-3	9.661	8.520	221.1E6	14709375	180.923	98.302 #
39)	L8 AR-1262-4	9.719	8.585	123.4E6	53075168	135.860	186.837 #
40)	L8 AR-1262-5	10.419	9.094	79908159	17707844	141.397	136.606
41)	L9 AR-1268-1	9.661	8.520	221.1E6	14709375	103.934	34.158 #

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 Operator : AJ\MA
 Sample : L1954-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

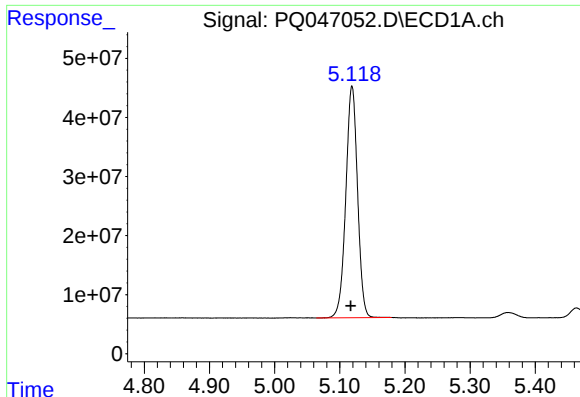
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:47:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
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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	9.719	8.585	123.4E6	53075168	68.236	135.307 #
43) L9	AR-1268-3	9.974	8.795	10244884	1593555	6.882	5.005 #
44) L9	AR-1268-4	10.419	9.094	79908159	17707844	131.300	127.401
45) L9	AR-1268-5	10.847	9.397	26876725	6011727	7.167	5.968

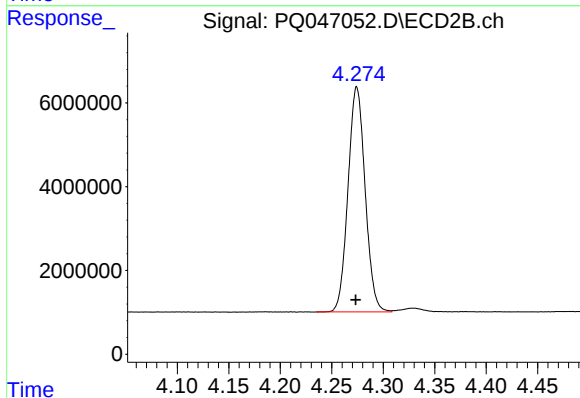
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

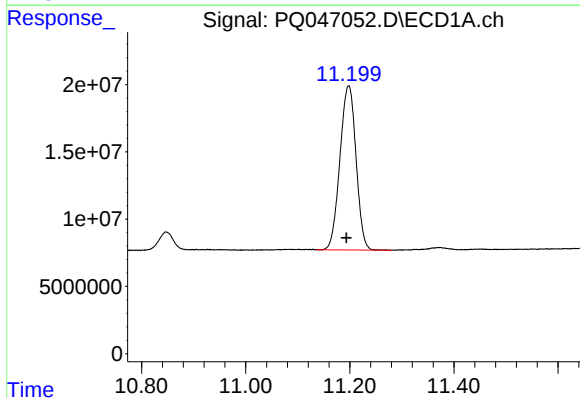
R.T.: 5.119 min
Delta R.T.: 0.002 min
Response: 491115920
Conc: 21.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



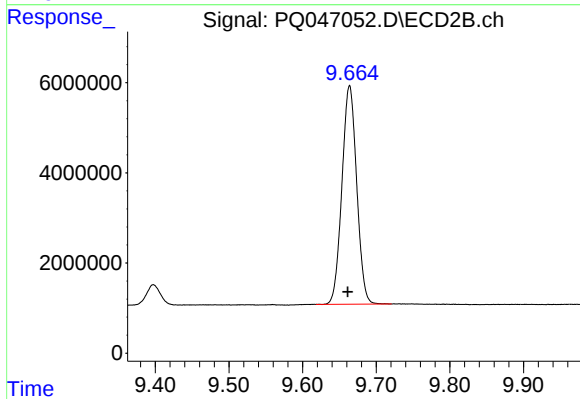
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.001 min
Response: 62181505
Conc: 21.66 ng/ml



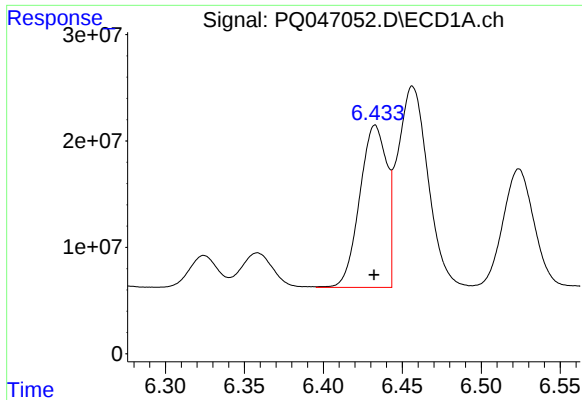
#2 Decachlorobiphenyl

R.T.: 11.198 min
Delta R.T.: 0.004 min
Response: 261544184
Conc: 20.48 ng/ml



#2 Decachlorobiphenyl

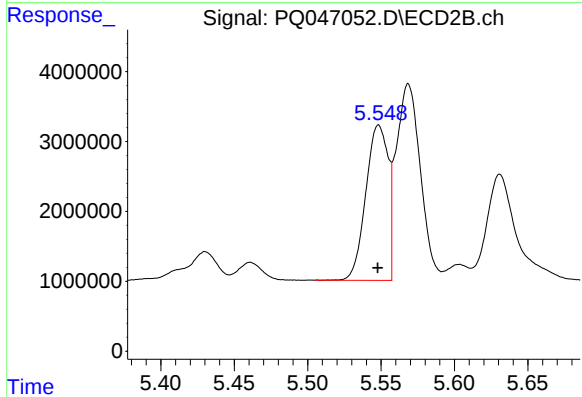
R.T.: 9.664 min
Delta R.T.: 0.003 min
Response: 67484912
Conc: 20.22 ng/ml



#3 AR-1016-1

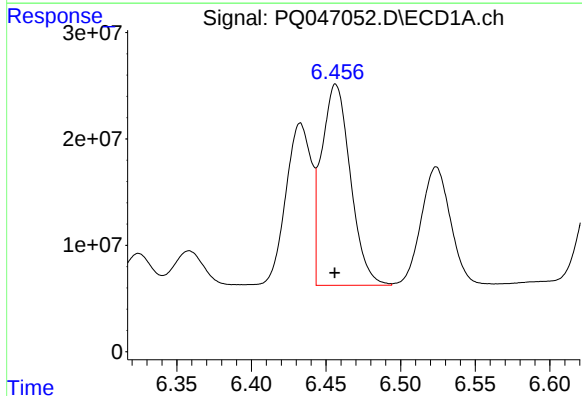
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 182249771
Conc: 199.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



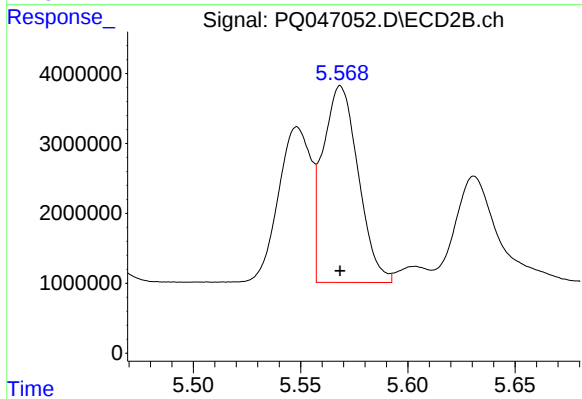
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 23516812
Conc: 200.17 ng/ml



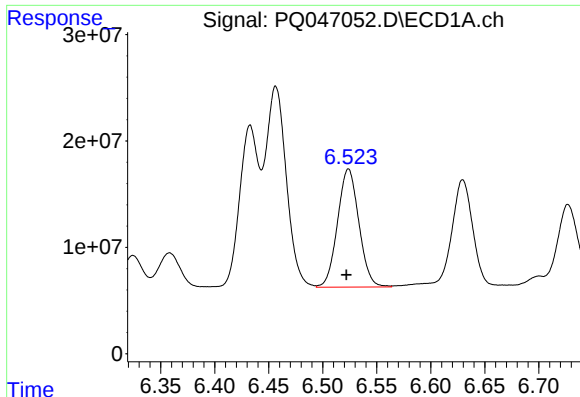
#4 AR-1016-2

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 253789087
Conc: 196.27 ng/ml



#4 AR-1016-2

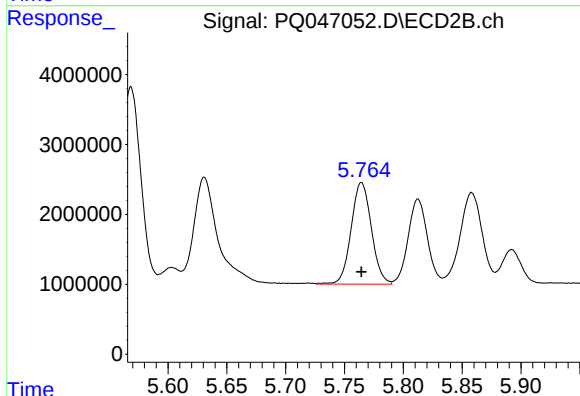
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 32244393
Conc: 201.82 ng/ml



#5 AR-1016-3

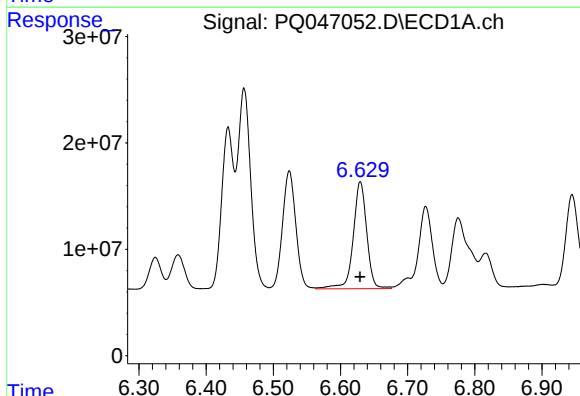
R.T.: 6.524 min
Delta R.T.: 0.002 min
Response: 152843494
Conc: 200.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



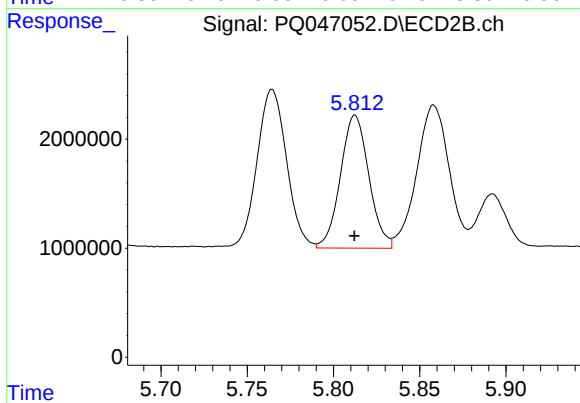
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 17415975
Conc: 203.74 ng/ml



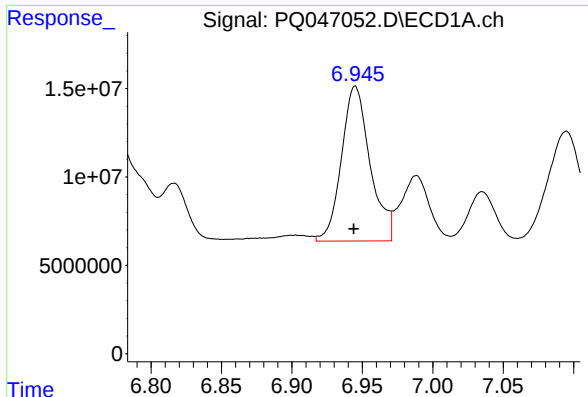
#6 AR-1016-4

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 141058917
Conc: 212.40 ng/ml



#6 AR-1016-4

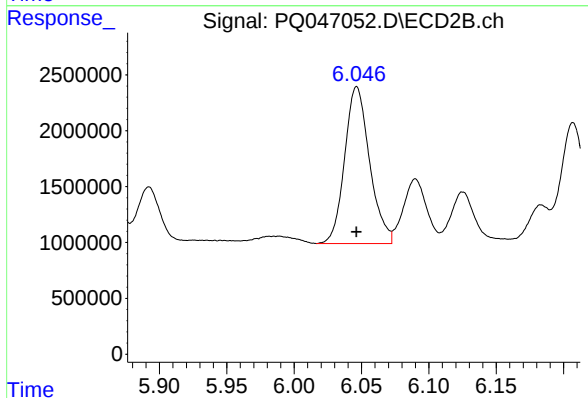
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 13992312
Conc: 201.69 ng/ml



#7 AR-1016-5

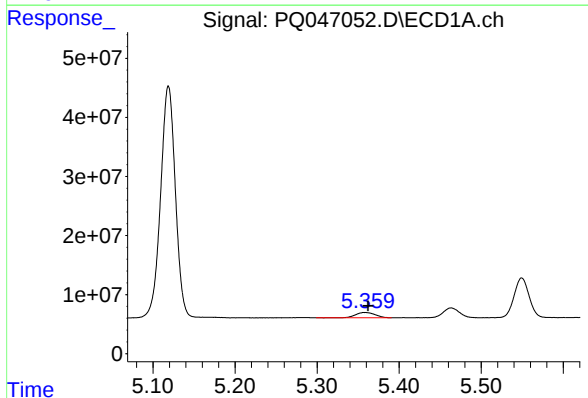
R.T.: 6.945 min
Delta R.T.: 0.001 min
Response: 123920105
Conc: 193.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



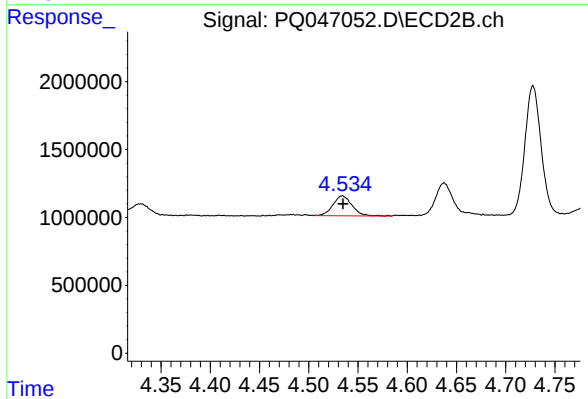
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18092526
Conc: 198.18 ng/ml



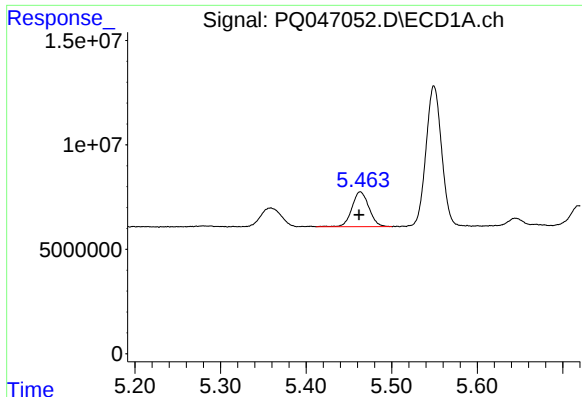
#8 AR-1221-1

R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 14612378
Conc: 60.42 ng/ml



#8 AR-1221-1

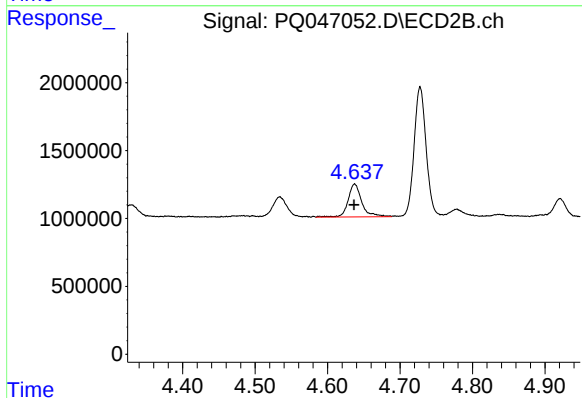
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 1990009
Conc: 66.21 ng/ml



#9 AR-1221-2

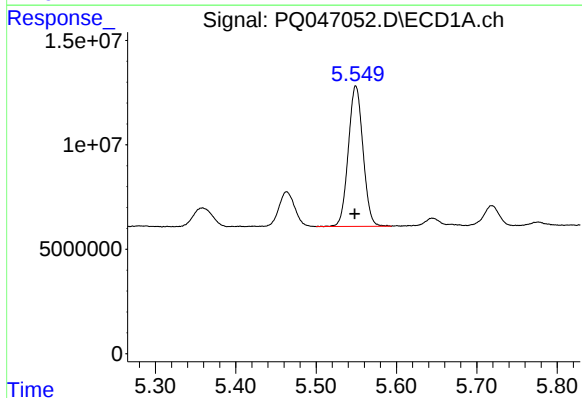
R.T.: 5.463 min
Delta R.T.: 0.001 min
Response: 22917788
Conc: 123.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



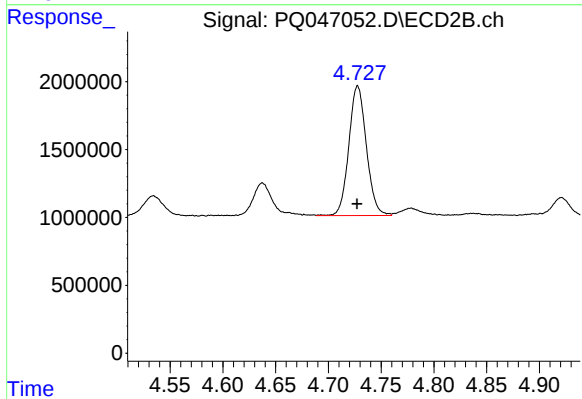
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3205555
Conc: 142.11 ng/ml



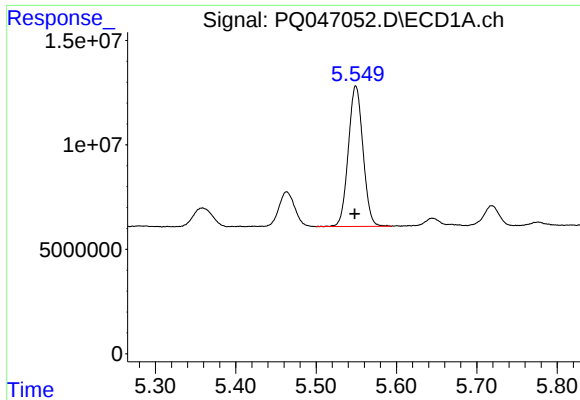
#10 AR-1221-3

R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 85394506
Conc: 153.22 ng/ml



#10 AR-1221-3

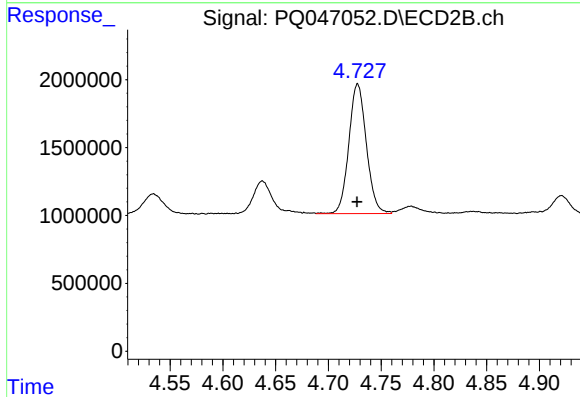
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 11054497
Conc: 160.21 ng/ml



#11 AR-1232-1

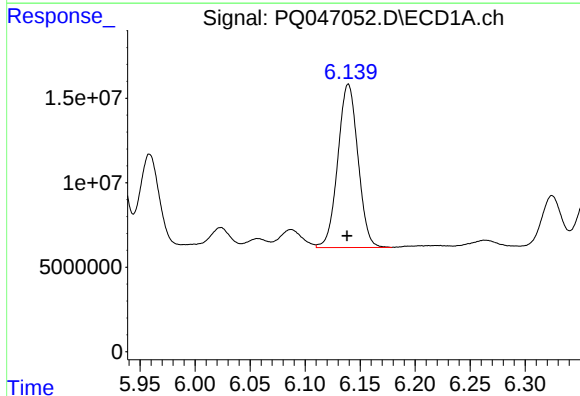
R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 85394506
Conc: 218.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



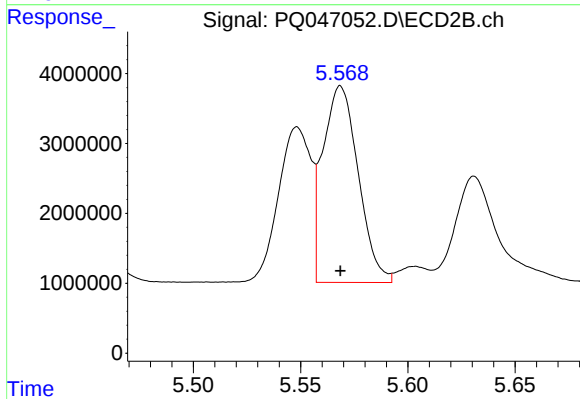
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 11054497
Conc: 232.10 ng/ml



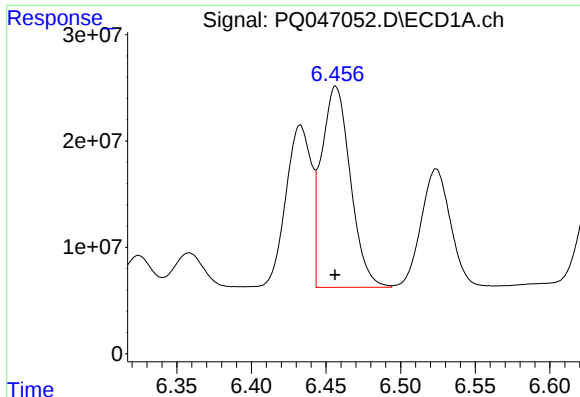
#12 AR-1232-2

R.T.: 6.139 min
Delta R.T.: 0.001 min
Response: 123180220
Conc: 569.91 ng/ml



#12 AR-1232-2

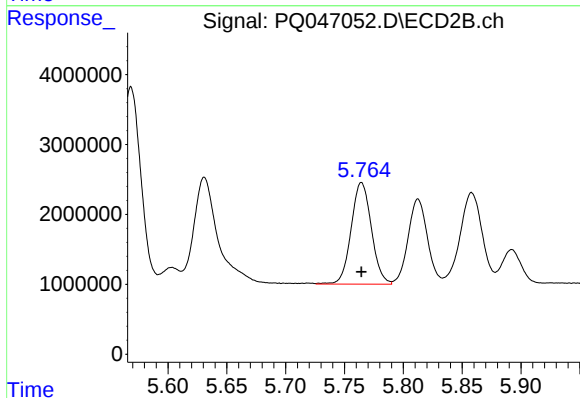
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 32244393
Conc: 637.22 ng/ml



#13 AR-1232-3

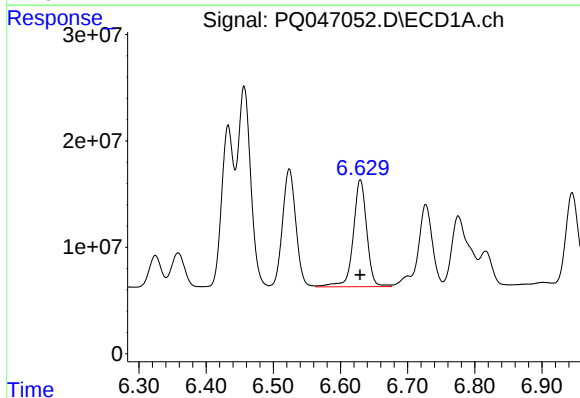
R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 253789087
Conc: 604.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



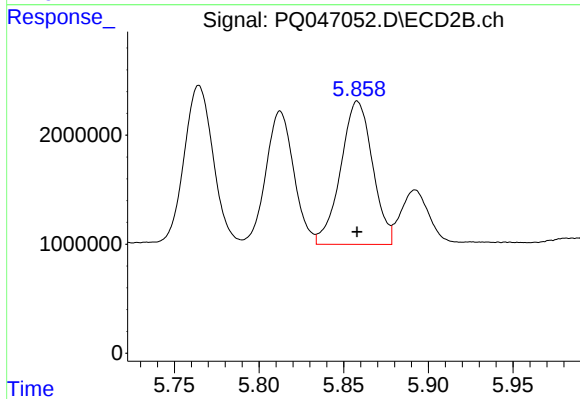
#13 AR-1232-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 17415975
Conc: 659.54 ng/ml



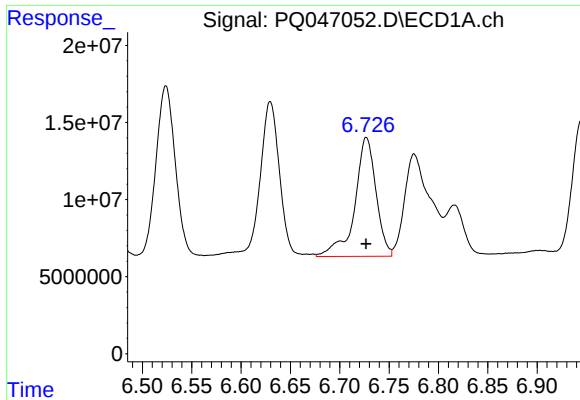
#14 AR-1232-4

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 141058917
Conc: 654.40 ng/ml



#14 AR-1232-4

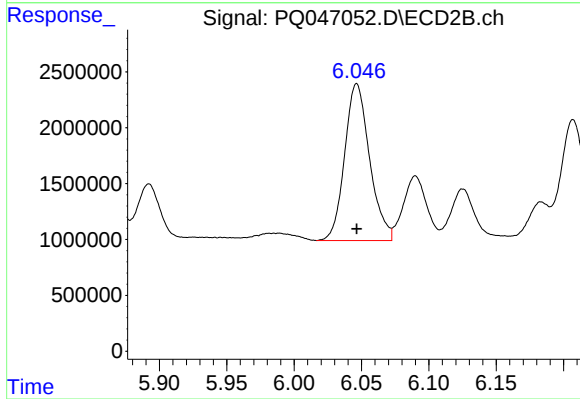
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17216540
Conc: 726.43 ng/ml



#15 AR-1232-5

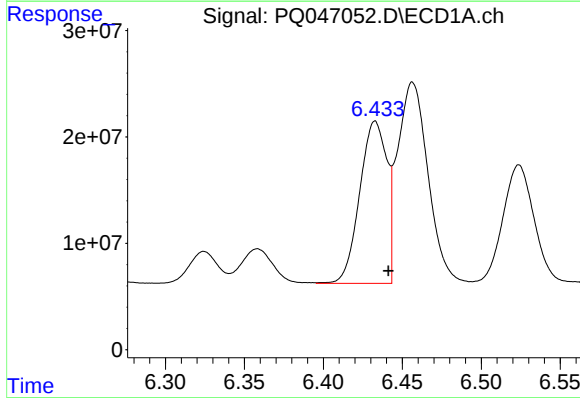
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 115519555
Conc: 790.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



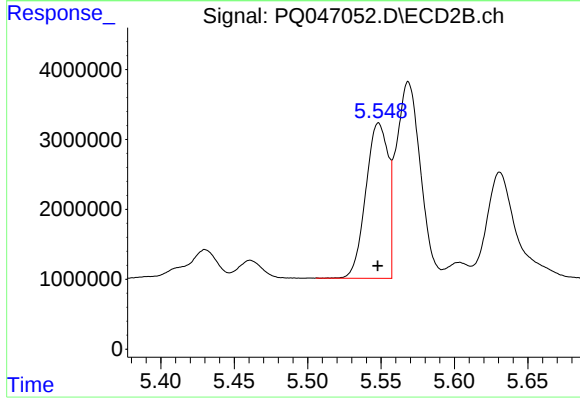
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18092526
Conc: 672.45 ng/ml



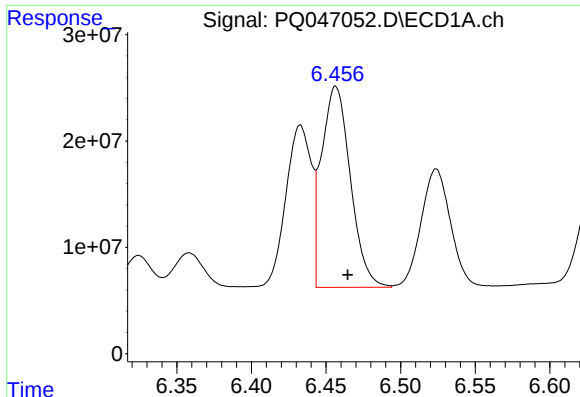
#16 AR-1242-1

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 182249771
Conc: 314.67 ng/ml



#16 AR-1242-1

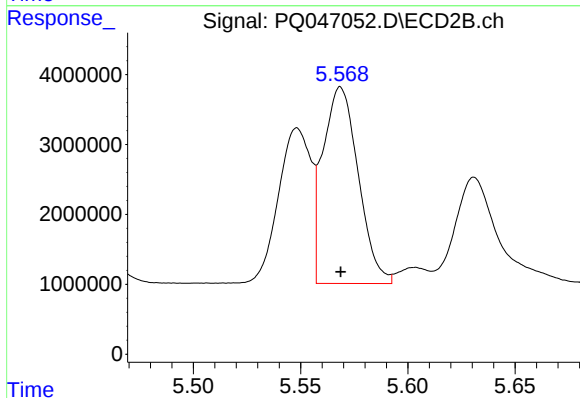
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 23516812
Conc: 313.64 ng/ml



#17 AR-1242-2

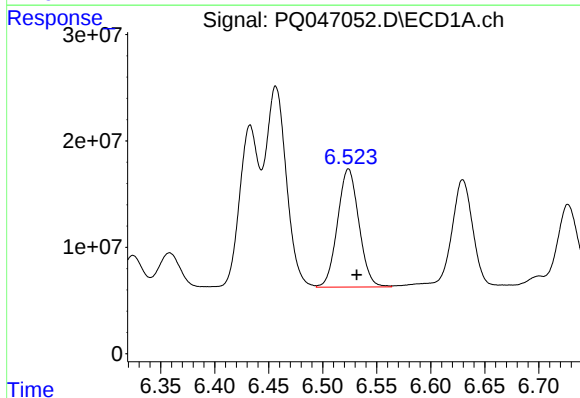
R.T.: 6.457 min
Delta R.T.: -0.008 min
Response: 253789087
Conc: 310.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



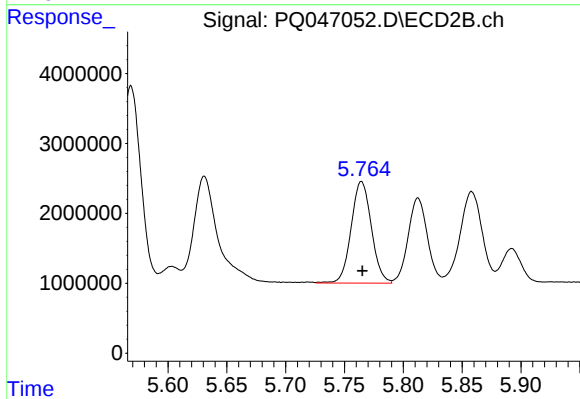
#17 AR-1242-2

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 32244393
Conc: 318.98 ng/ml



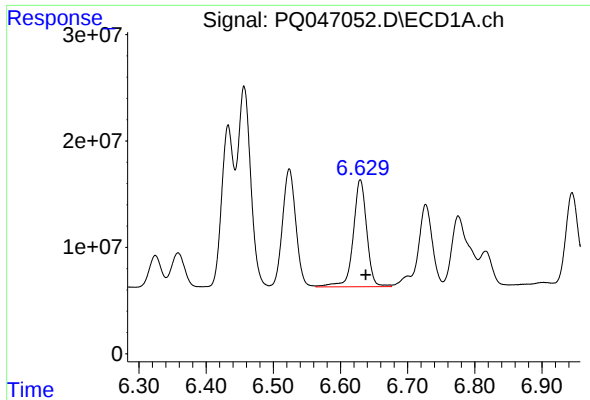
#18 AR-1242-3

R.T.: 6.524 min
Delta R.T.: -0.008 min
Response: 152843494
Conc: 308.28 ng/ml



#18 AR-1242-3

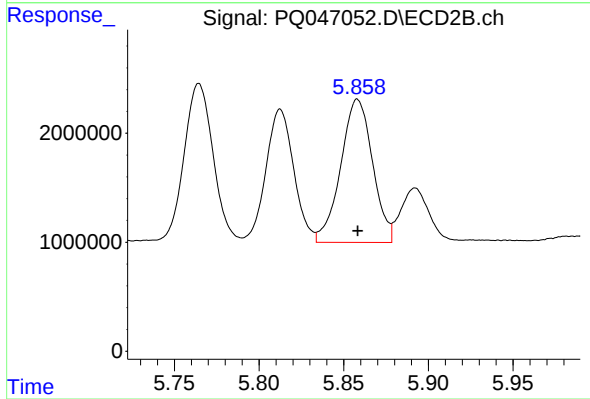
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 17415975
Conc: 315.76 ng/ml



#19 AR-1242-4

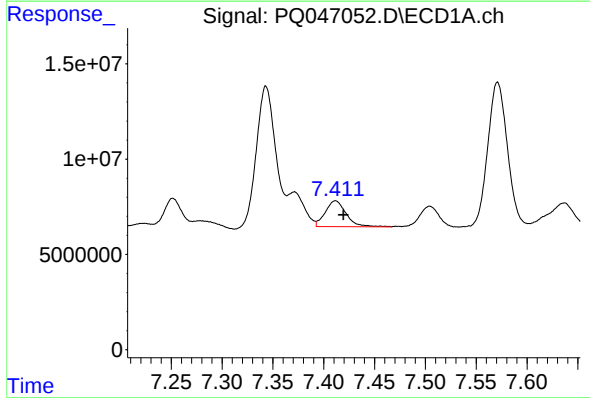
R.T.: 6.630 min
Delta R.T.: -0.008 min
Response: 141058917
Conc: 329.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



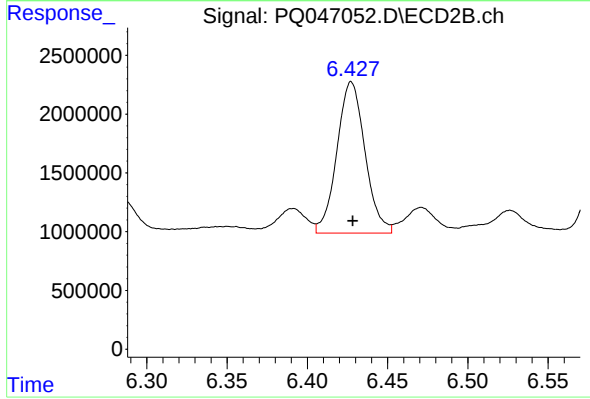
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17216540
Conc: 324.10 ng/ml



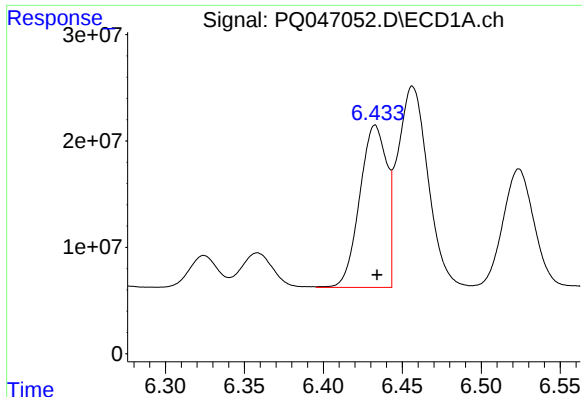
#20 AR-1242-5

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 19414287
Conc: 41.32 ng/ml



#20 AR-1242-5

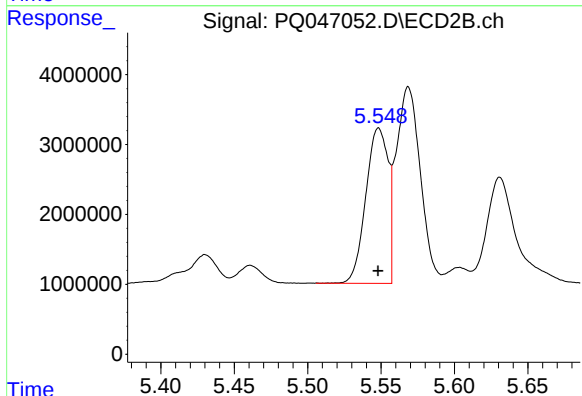
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 15718582
Conc: 218.30 ng/ml



#21 AR-1248-1

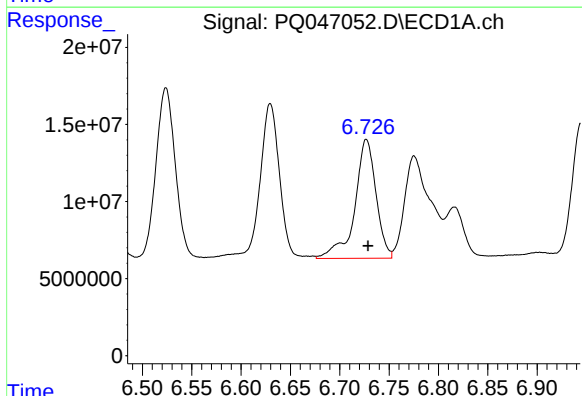
R.T.: 6.433 min
Delta R.T.: -0.001 min
Response: 182249771
Conc: 387.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



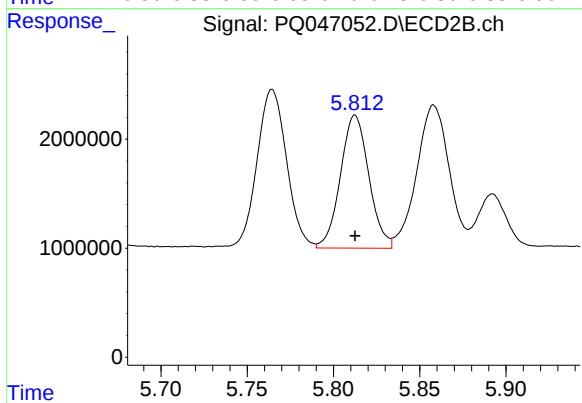
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 23516812
Conc: 391.54 ng/ml



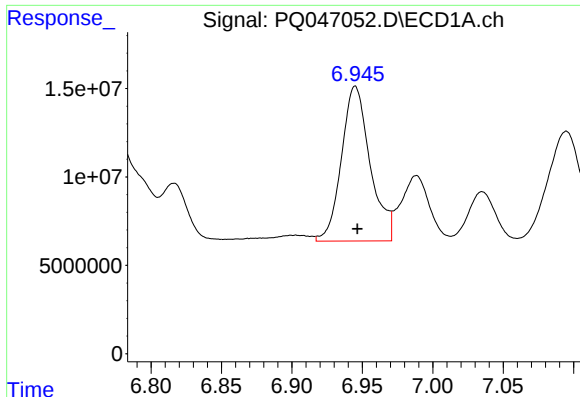
#22 AR-1248-2

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 115519555
Conc: 179.55 ng/ml



#22 AR-1248-2

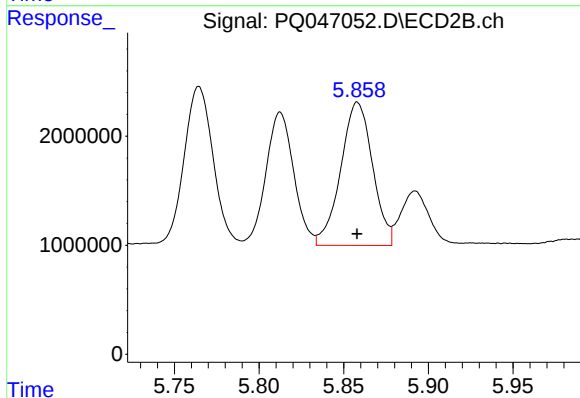
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 13992312
Conc: 180.46 ng/ml



#23 AR-1248-3

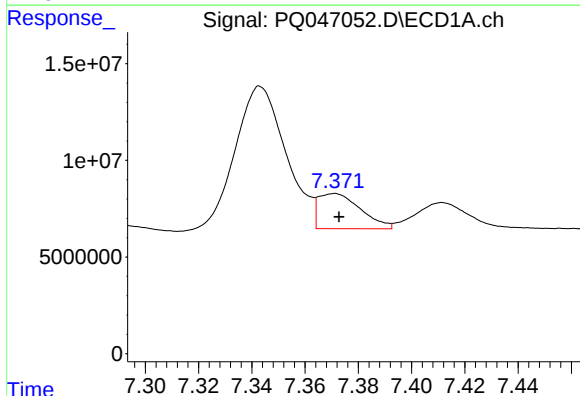
R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 123920105
Conc: 171.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



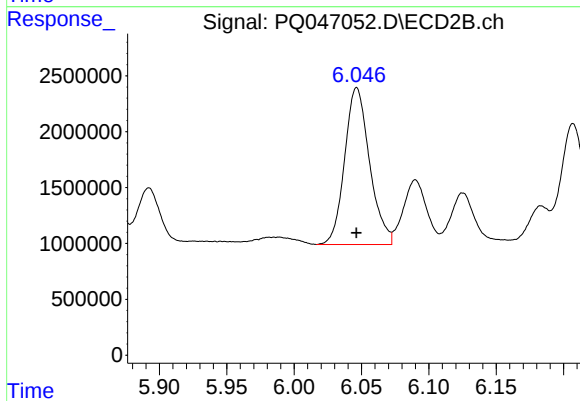
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17216540
Conc: 215.51 ng/ml



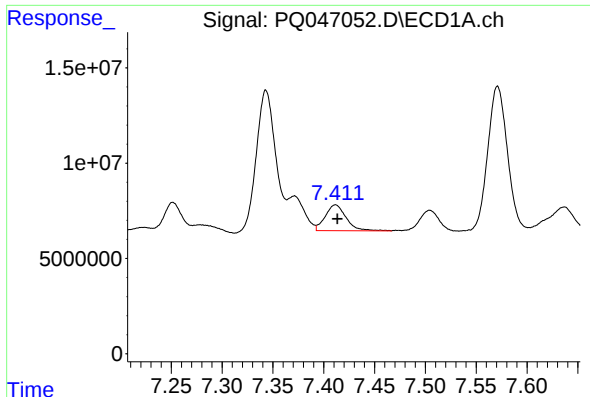
#24 AR-1248-4

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 20084544
Conc: 24.75 ng/ml



#24 AR-1248-4

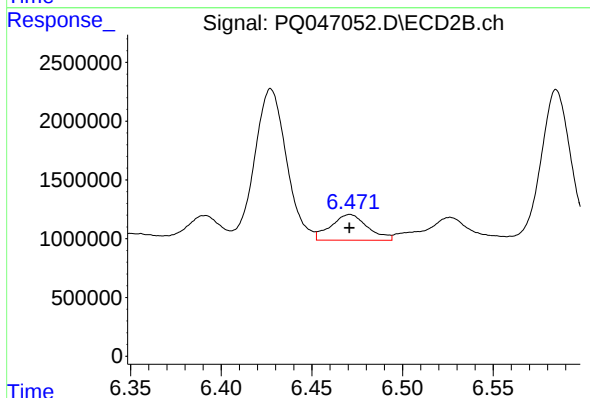
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18092526
Conc: 191.24 ng/ml



#25 AR-1248-5

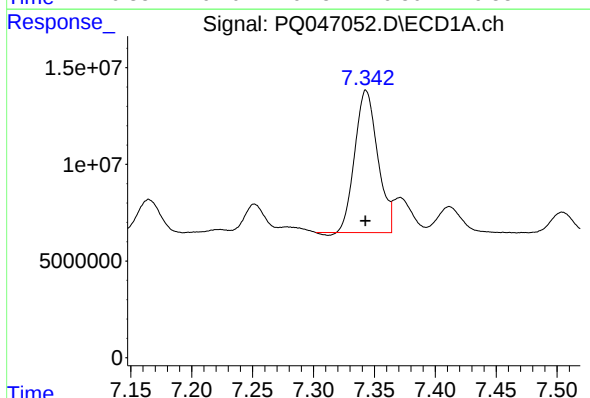
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 19414287
Conc: 25.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



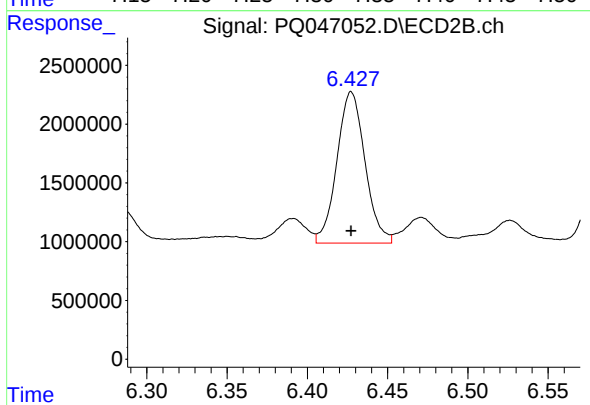
#25 AR-1248-5

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 3098260
Conc: 29.41 ng/ml



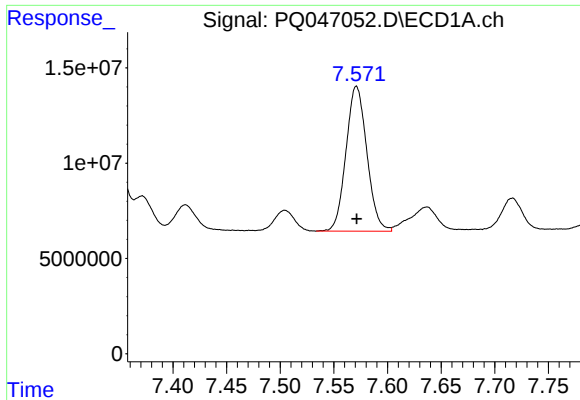
#26 AR-1254-1

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 95852078
Conc: 124.14 ng/ml



#26 AR-1254-1

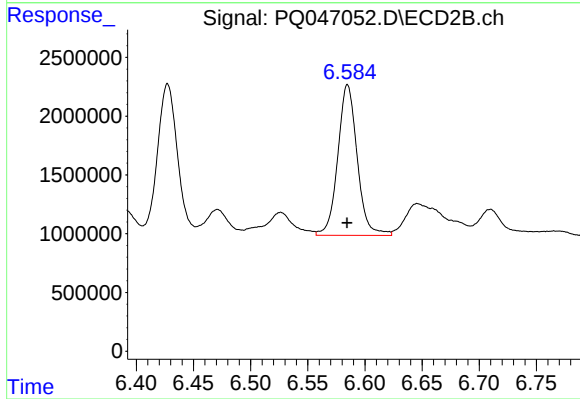
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 15718582
Conc: 105.31 ng/ml



#27 AR-1254-2

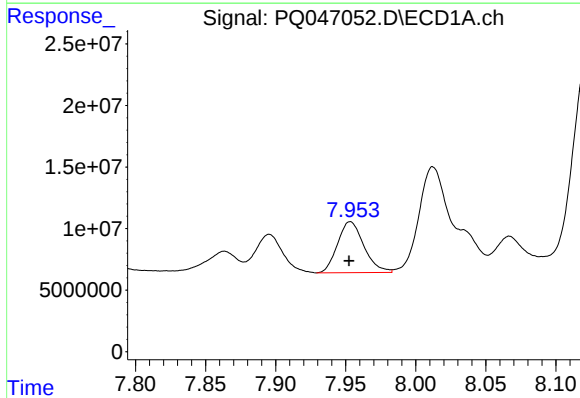
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 102944324
Conc: 87.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



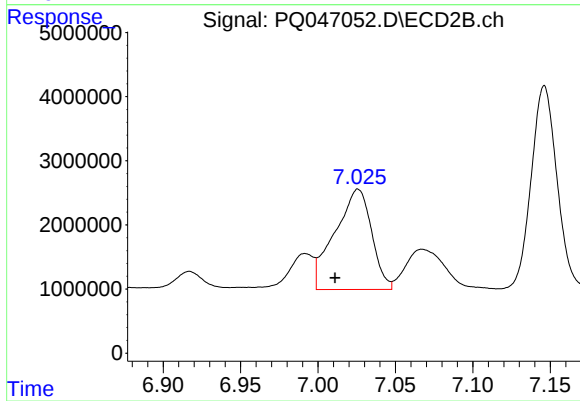
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 15166807
Conc: 118.09 ng/ml



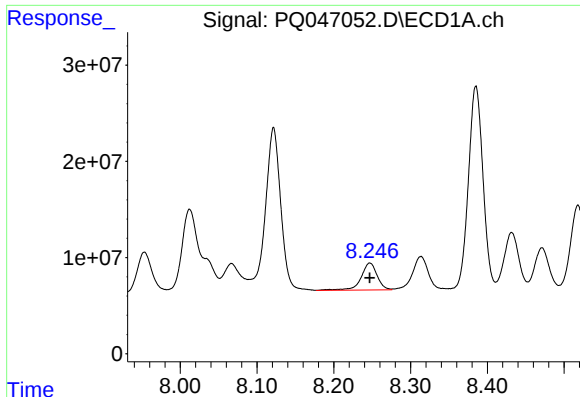
#28 AR-1254-3

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 54229138
Conc: 46.46 ng/ml



#28 AR-1254-3

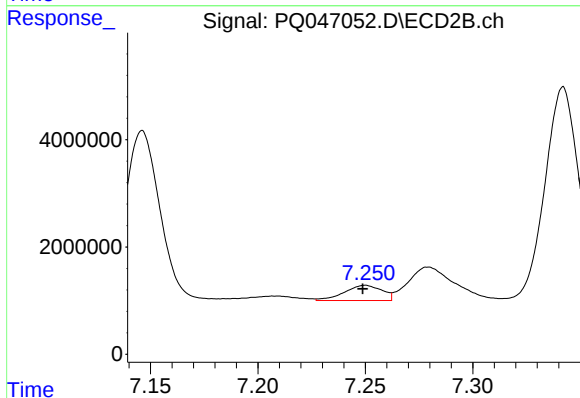
R.T.: 7.026 min
Delta R.T.: 0.015 min
Response: 25846617
Conc: 121.66 ng/ml



#29 AR-1254-4

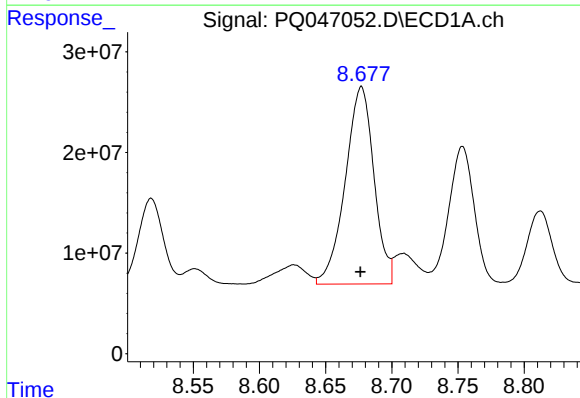
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 41053710
Conc: 43.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



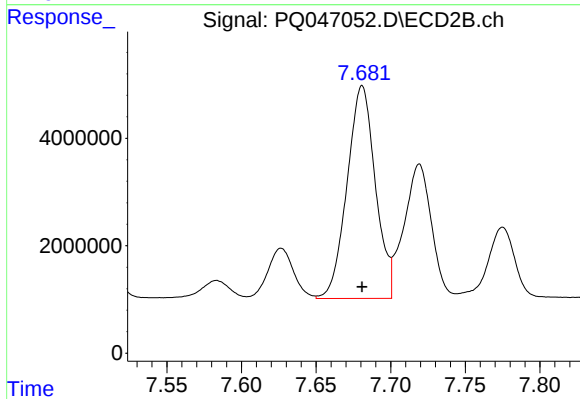
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.001 min
Response: 3461883
Conc: 25.55 ng/ml



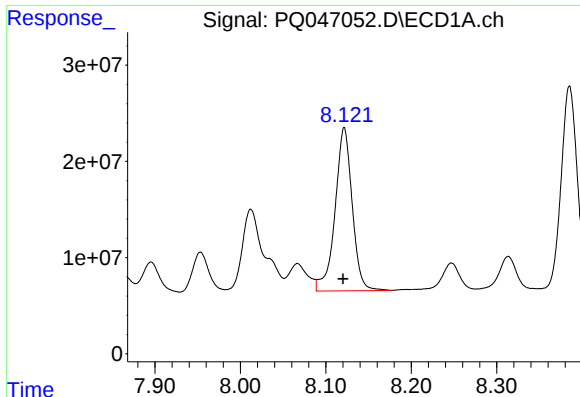
#30 AR-1254-5

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 296148666
Conc: 352.95 ng/ml



#30 AR-1254-5

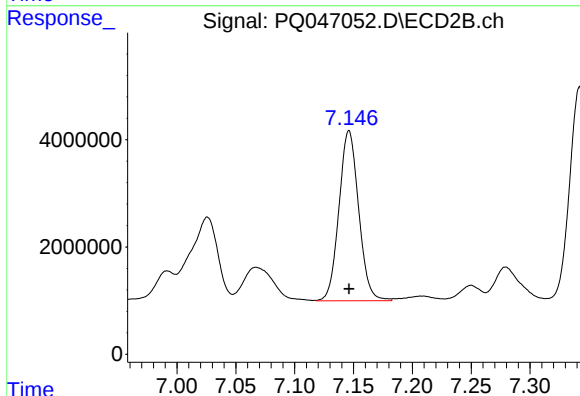
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 52283807
Conc: 284.58 ng/ml



#31 AR-1260-1

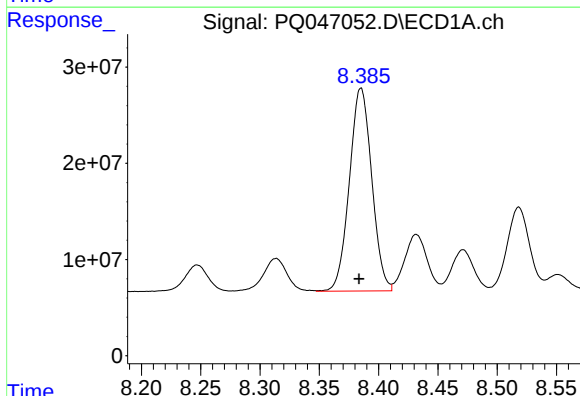
R.T.: 8.122 min
Delta R.T.: 0.001 min
Response: 236822220
Conc: 226.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



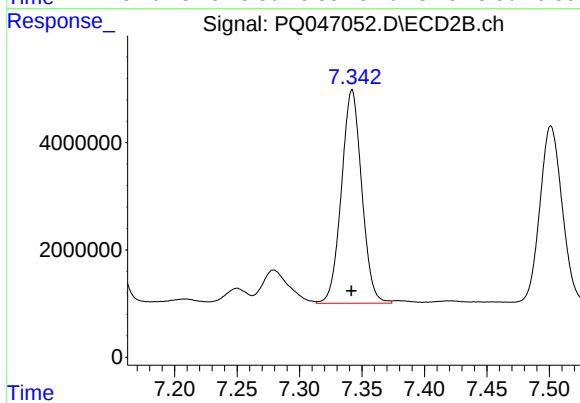
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 36943166
Conc: 211.22 ng/ml



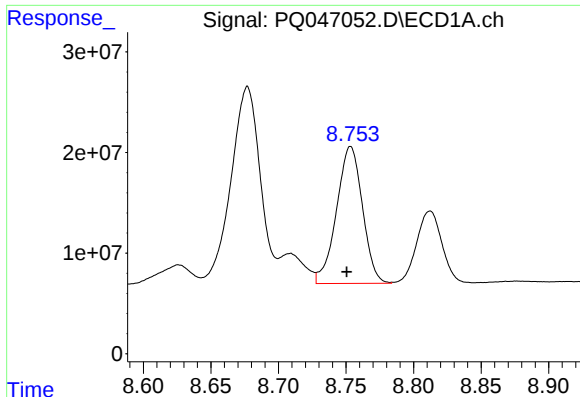
#32 AR-1260-2

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 277054885
Conc: 201.68 ng/ml



#32 AR-1260-2

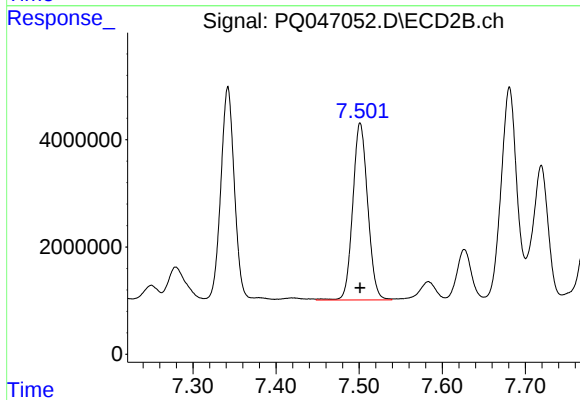
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 45080276
Conc: 209.20 ng/ml



#33 AR-1260-3

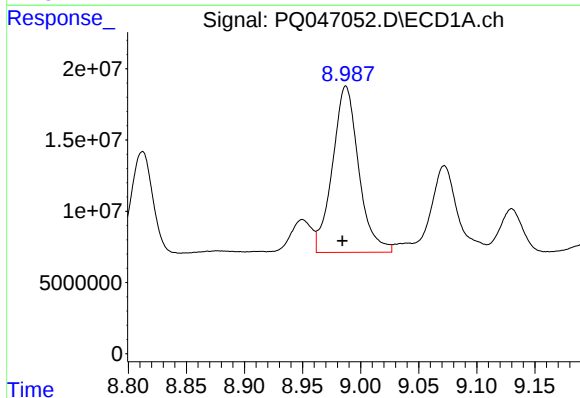
R.T.: 8.753 min
Delta R.T.: 0.003 min
Response: 182266784
Conc: 169.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



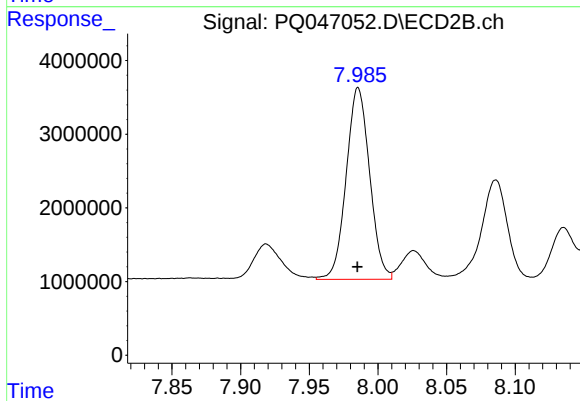
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 41270100
Conc: 205.20 ng/ml



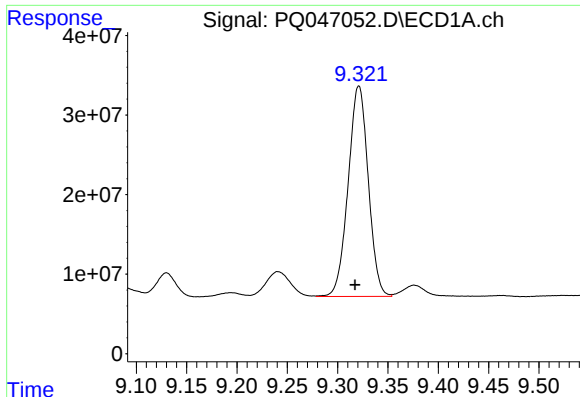
#34 AR-1260-4

R.T.: 8.987 min
Delta R.T.: 0.003 min
Response: 183286253
Conc: 183.73 ng/ml



#34 AR-1260-4

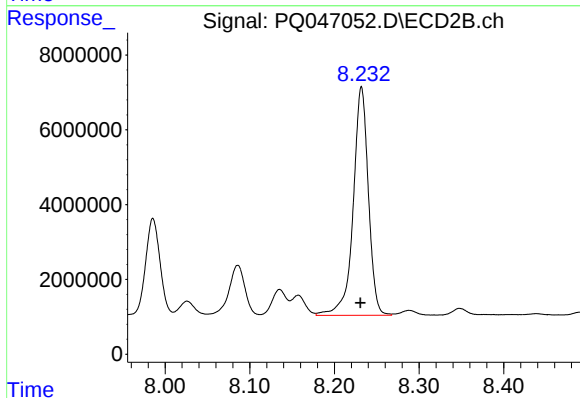
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 30893007
Conc: 176.21 ng/ml



#35 AR-1260-5

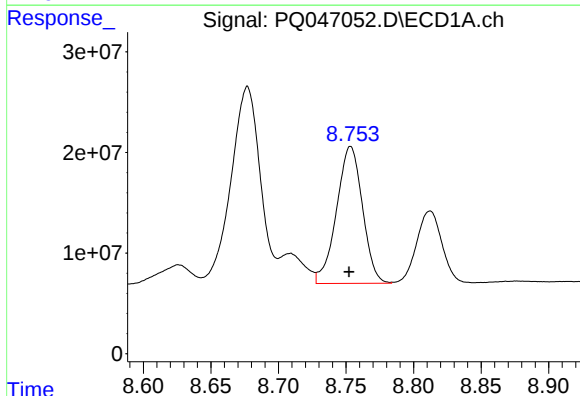
R.T.: 9.321 min
Delta R.T.: 0.004 min
Response: 368199088
Conc: 177.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



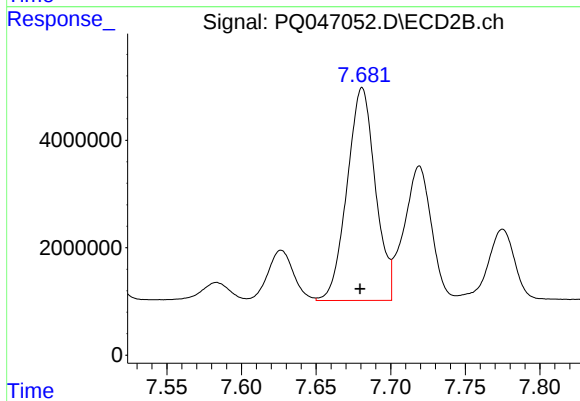
#35 AR-1260-5

R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 76272032
Conc: 175.06 ng/ml



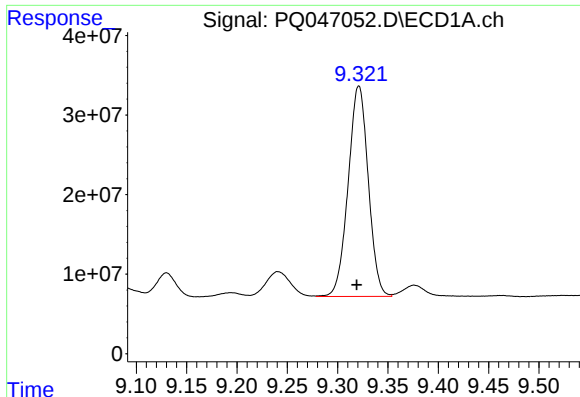
#36 AR-1262-1

R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 182266784
Conc: 140.16 ng/ml



#36 AR-1262-1

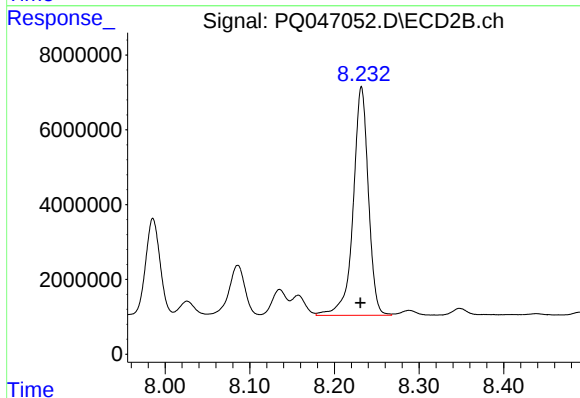
R.T.: 7.681 min
Delta R.T.: 0.001 min
Response: 52283807
Conc: 483.85 ng/ml



#37 AR-1262-2

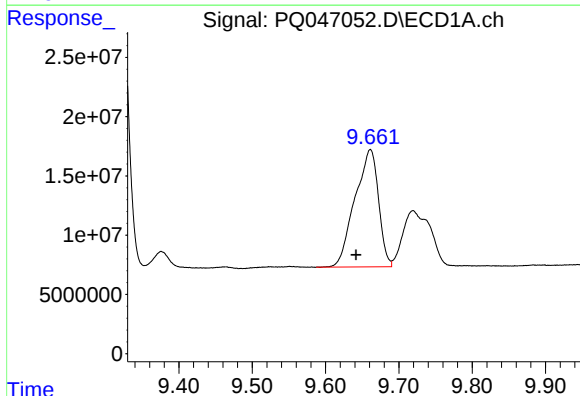
R.T.: 9.321 min
Delta R.T.: 0.002 min
Response: 368199088
Conc: 189.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



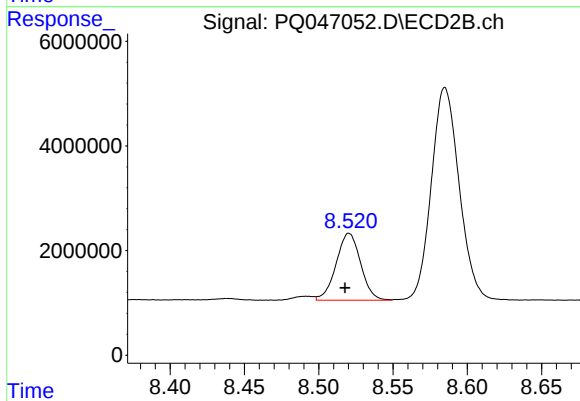
#37 AR-1262-2

R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 76272032
Conc: 192.65 ng/ml



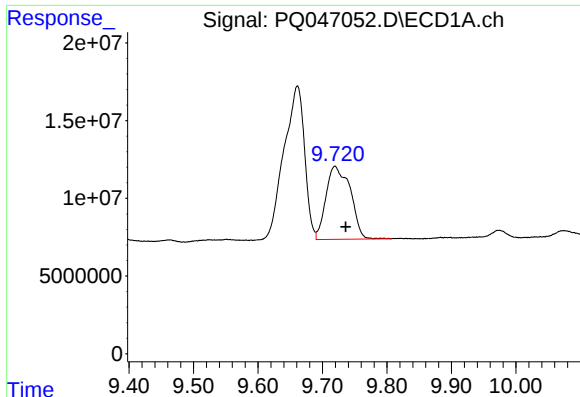
#38 AR-1262-3

R.T.: 9.661 min
Delta R.T.: 0.019 min
Response: 221125163
Conc: 180.92 ng/ml



#38 AR-1262-3

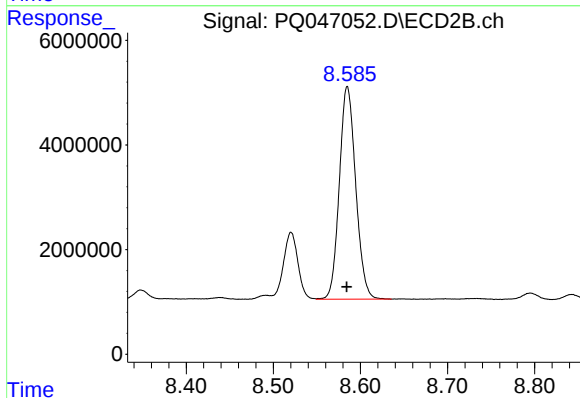
R.T.: 8.520 min
Delta R.T.: 0.003 min
Response: 14709375
Conc: 98.30 ng/ml



#39 AR-1262-4

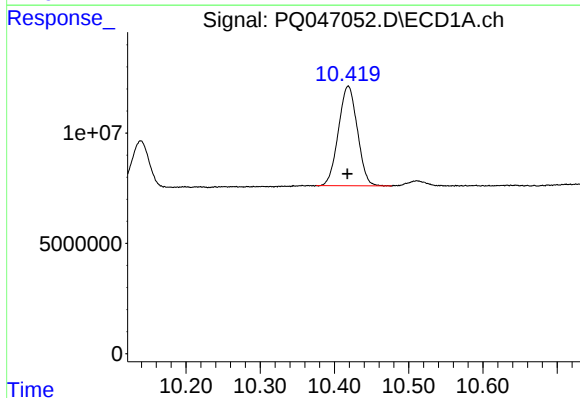
R.T.: 9.719 min
Delta R.T.: -0.017 min
Response: 123410119
Conc: 135.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



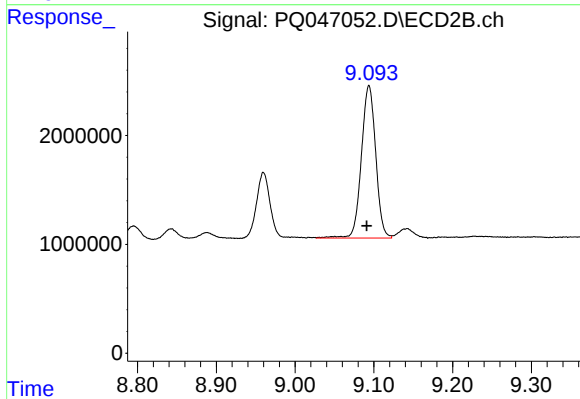
#39 AR-1262-4

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 53075168
Conc: 186.84 ng/ml



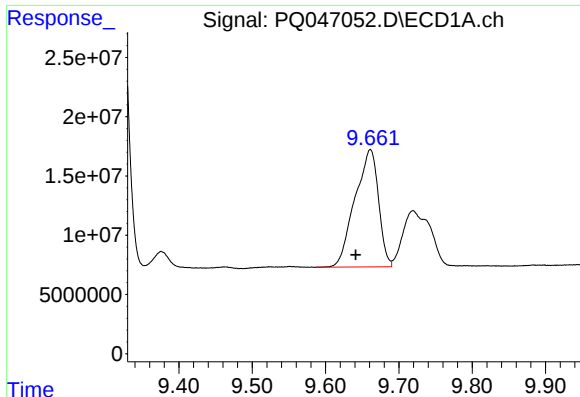
#40 AR-1262-5

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 79908159
Conc: 141.40 ng/ml



#40 AR-1262-5

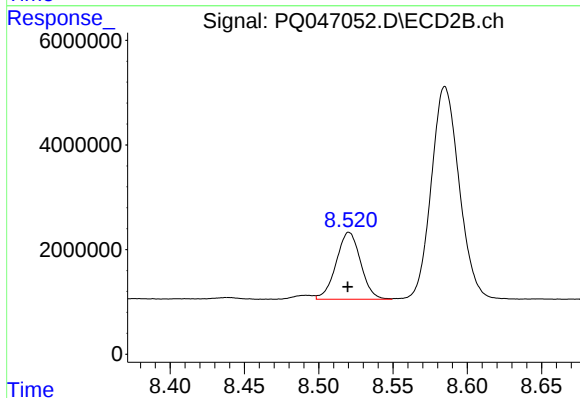
R.T.: 9.094 min
Delta R.T.: 0.003 min
Response: 17707844
Conc: 136.61 ng/ml



#41 AR-1268-1

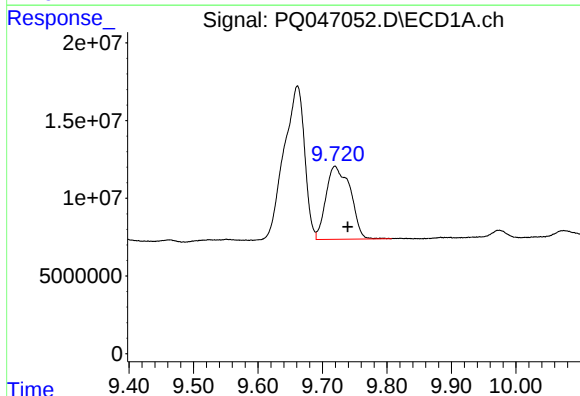
R.T.: 9.661 min
Delta R.T.: 0.020 min
Response: 221125163
Conc: 103.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



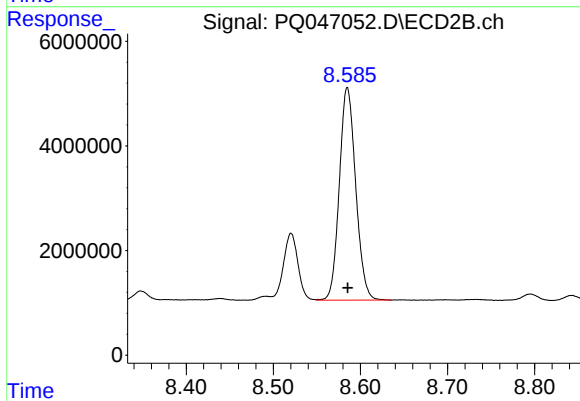
#41 AR-1268-1

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 14709375
Conc: 34.16 ng/ml



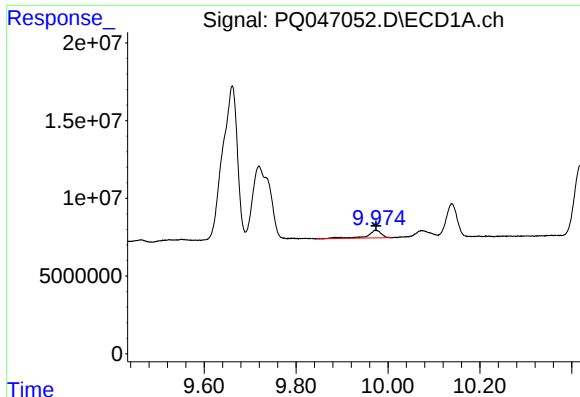
#42 AR-1268-2

R.T.: 9.719 min
Delta R.T.: -0.020 min
Response: 123410119
Conc: 68.24 ng/ml



#42 AR-1268-2

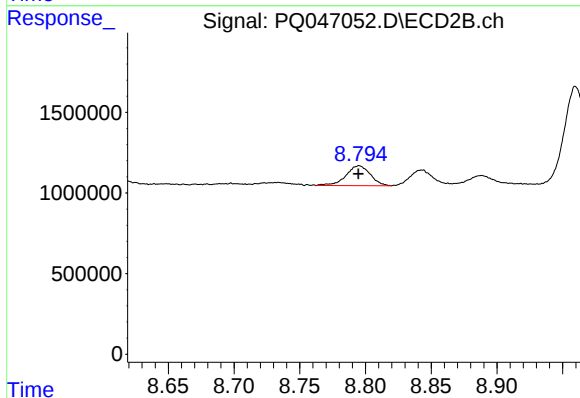
R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 53075168
Conc: 135.31 ng/ml



#43 AR-1268-3

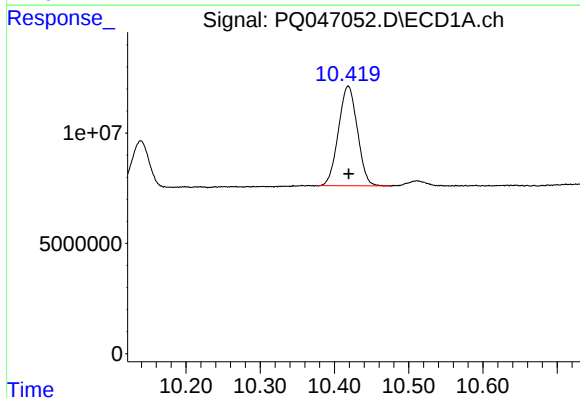
R.T.: 9.974 min
Delta R.T.: 0.000 min
Response: 10244884
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



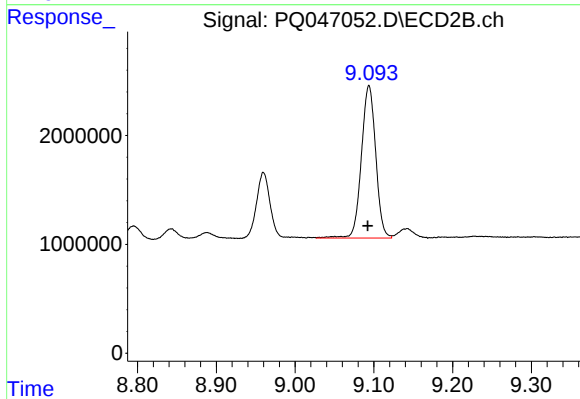
#43 AR-1268-3

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 1593555
Conc: 5.01 ng/ml



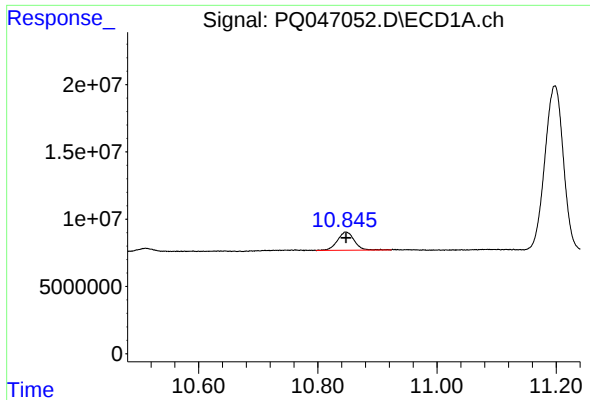
#44 AR-1268-4

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 79908159
Conc: 131.30 ng/ml



#44 AR-1268-4

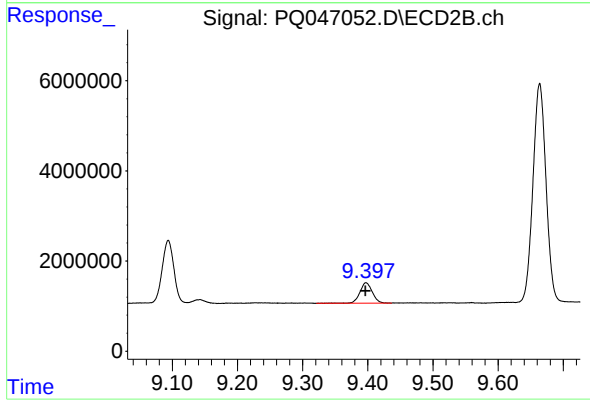
R.T.: 9.094 min
Delta R.T.: 0.002 min
Response: 17707844
Conc: 127.40 ng/ml



#45 AR-1268-5

R.T.: 10.847 min
Delta R.T.: 0.000 min
Response: 26876725
Conc: 7.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: 0.001 min
Response: 6011727
Conc: 5.97 ng/ml