

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101520\
 Data File : PQ050452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2020 11:31
 Operator : DD\AJ
 Sample : L4383-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 14:41:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 13:34:07 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...	5.209	4.267	395.6E6	118.2E6	29.080	28.290
2)	SA Decachlor...	11.398	9.621	242.2E6	144.4E6	23.601	18.865
Target Compounds							
3)	L1 AR-1016-1	6.542	5.529	141.3E6	49500701	271.117	258.690
4)	L1 AR-1016-2	6.566	5.549	198.9E6	67799490	268.674	259.457
5)	L1 AR-1016-3	6.631	5.742	122.3E6	36336563	271.123	258.474
6)	L1 AR-1016-4	6.741	5.793	102.2E6	28099390	270.767	254.985
7)	L1 AR-1016-5	7.054	6.025	96043023	29732025	264.811	200.830
8)	L2 AR-1221-1	5.460	4.522	12591192	3568119	97.966	91.143
9)	L2 AR-1221-2	5.564	4.624	20192363	5878710	209.114	200.645
10)	L2 AR-1221-3	5.654	4.713	71104970	21705912	237.894	228.318
11)	L3 AR-1232-1	5.654	4.713	71104970	21705912	259.602	246.030
12)	L3 AR-1232-2	6.245	5.549	94957719	67799490	680.496	656.260
13)	L3 AR-1232-3	6.566	5.742	198.9E6	36336563	680.663	665.783
14)	L3 AR-1232-4	6.741	5.838	102.2E6	34340624	681.687	724.160
15)	L3 AR-1232-5	6.834	6.025	86672640	29732025	789.885	557.277 #
16)	L4 AR-1242-1	6.542	5.529	141.3E6	49500701	373.522	362.554
17)	L4 AR-1242-2	6.566	5.549	198.9E6	67799490	372.249	364.116
18)	L4 AR-1242-3	6.631	5.742	122.3E6	36336563	373.413	362.684
19)	L4 AR-1242-4	6.741	5.838	102.2E6	34340624	374.086	360.689
20)	L4 AR-1242-5	7.525	6.403	14371115	31830369	47.778	229.504 #
21)	L5 AR-1248-1	6.542	5.529	141.3E6	49500701	381.993	384.473
22)	L5 AR-1248-2	6.834	5.793	86672640	28099390	170.223	157.627
23)	L5 AR-1248-3	7.054	5.838	96043023	34340624	173.452	186.421
24)	L5 AR-1248-4	7.484	6.025	16827438	29732025	26.374	132.020 #
25)	L5 AR-1248-5	7.525	6.446	14371115	5998429	23.393	24.966
26)	L6 AR-1254-1	7.452	6.403	72507404	31830369	149.162	110.086 #
27)	L6 AR-1254-2	7.679	6.562	77333261	30669161	103.094	118.710
28)	L6 AR-1254-3	8.067	7.001f	40375410	59577624	53.229	137.718 #
29)	L6 AR-1254-4	8.361	7.222	30263012	8472506	50.531	27.106 #
30)	L6 AR-1254-5	8.792	7.651	218.2E6	117.0E6	377.436	280.270 #
31)	L7 AR-1260-1	8.230	7.120	153.5E6	83036314	252.750	263.741
32)	L7 AR-1260-2	8.496	7.316	187.5E6	98742641	263.037	228.960
33)	L7 AR-1260-3	8.861	7.472	122.8E6	91541720	223.262	243.622
34)	L7 AR-1260-4	9.106	7.956	136.0E6	85020216	234.793	251.678
35)	L7 AR-1260-5	9.453	8.202	265.1E6	182.7E6	229.137	191.719
36)	L8 AR-1262-1	8.861	7.651	122.8E6	117.0E6	174.231	511.812 #
37)	L8 AR-1262-2	9.453	8.202	265.1E6	182.7E6	228.033	192.528
38)	L8 AR-1262-3	9.780	8.490	60157447	37052078	112.227	94.211
39)	L8 AR-1262-4	9.865	8.553	102.1E6	121.0E6	159.858	176.557
40)	L8 AR-1262-5	10.601	9.058	69339162	39417561	156.492	114.247 #
41)	L9 AR-1268-1	9.780	8.490	60157447	37052078	45.372	32.814 #

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 Acq On : 15 Oct 2020 11:31
 Operator : DD\AJ
 Sample : L4383-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

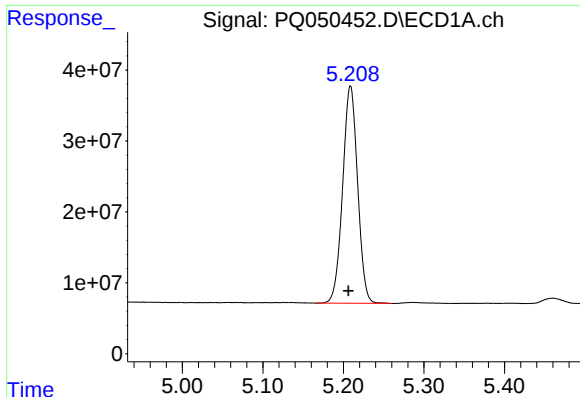
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 14:41:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.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	9.780	8.553	60157447	121.0E6	45.372	122.000 #
43) L9	AR-1268-3	10.122	8.764	6140491	4532561	5.978	5.378
44) L9	AR-1268-4	10.601	9.058	69339162	39417561	143.532	104.197 #
45) L9	AR-1268-5	11.042	9.360	25133283	12587058	8.582	4.825 #

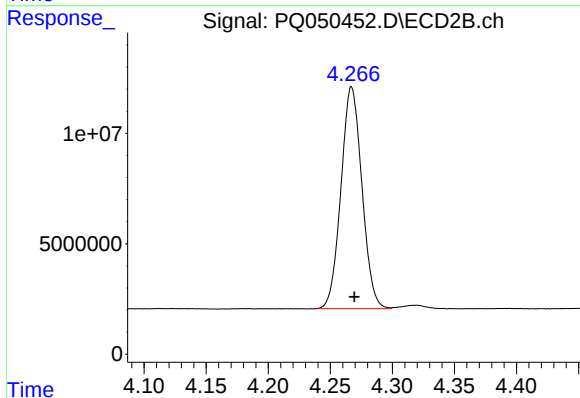
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

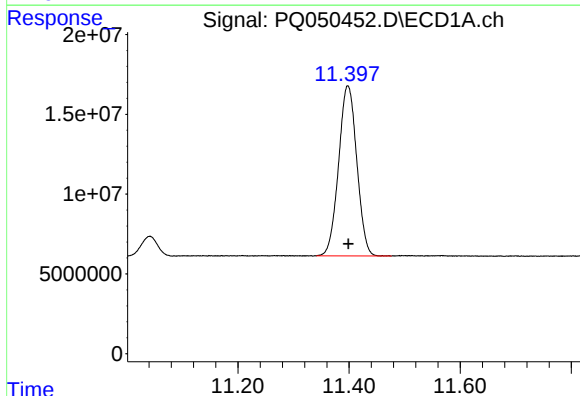
R.T.: 5.209 min
Delta R.T.: 0.003 min
Response: 395649922
Conc: 29.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



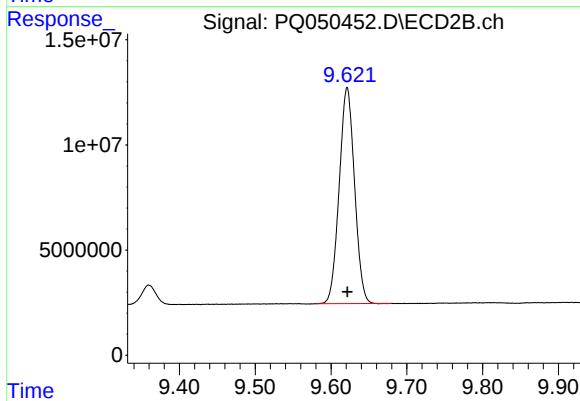
#1 Tetrachloro-m-xylene

R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 118218884
Conc: 28.29 ng/ml



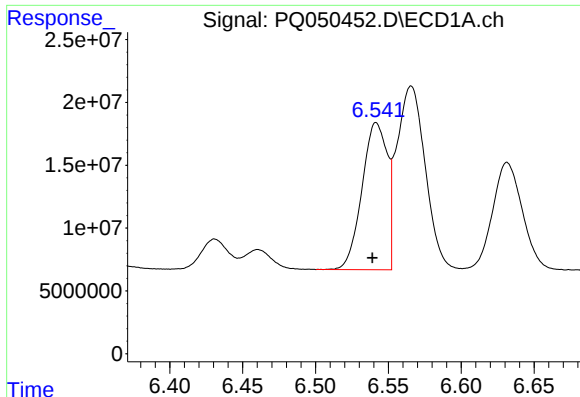
#2 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 242175312
Conc: 23.60 ng/ml



#2 Decachlorobiphenyl

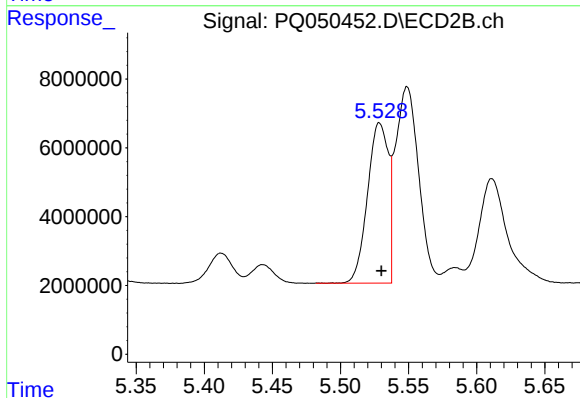
R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 144397368
Conc: 18.87 ng/ml



#3 AR-1016-1

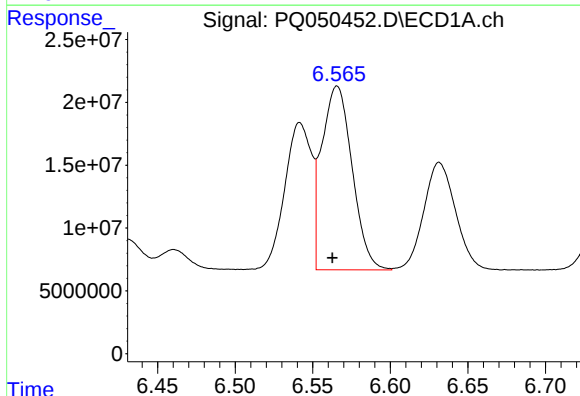
R.T.: 6.542 min
Delta R.T.: 0.003 min
Response: 141288207
Conc: 271.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



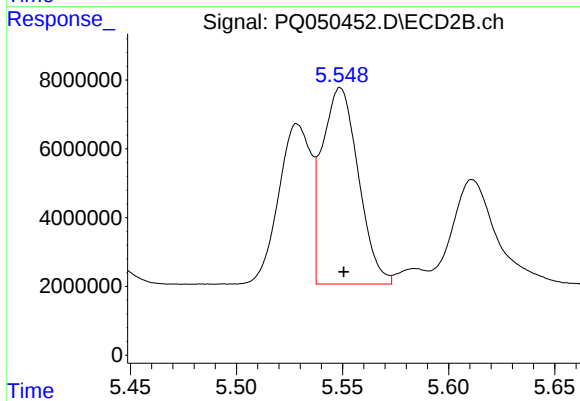
#3 AR-1016-1

R.T.: 5.529 min
Delta R.T.: -0.001 min
Response: 49500701
Conc: 258.69 ng/ml



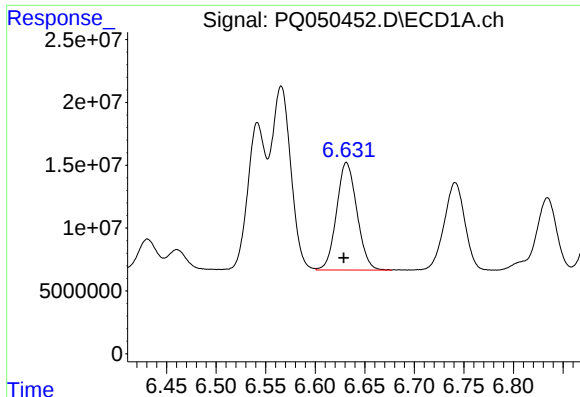
#4 AR-1016-2

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 198923205
Conc: 268.67 ng/ml



#4 AR-1016-2

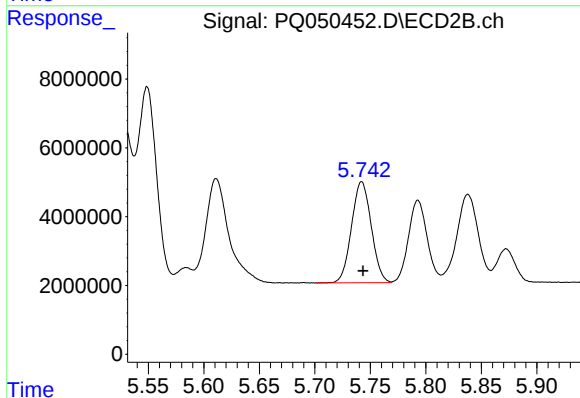
R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 67799490
Conc: 259.46 ng/ml



#5 AR-1016-3

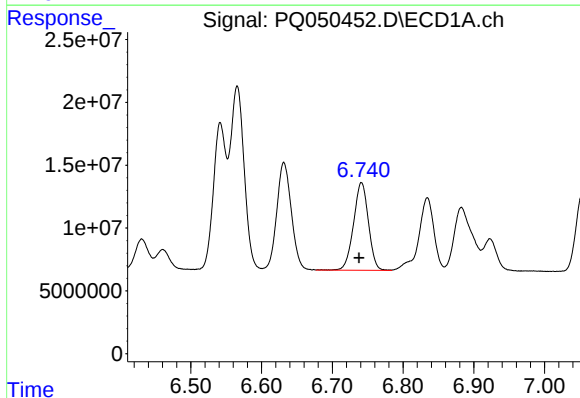
R.T.: 6.631 min
Delta R.T.: 0.003 min
Response: 122276525
Conc: 271.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



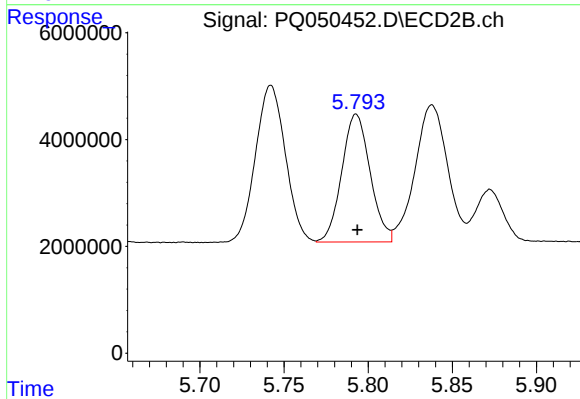
#5 AR-1016-3

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 36336563
Conc: 258.47 ng/ml



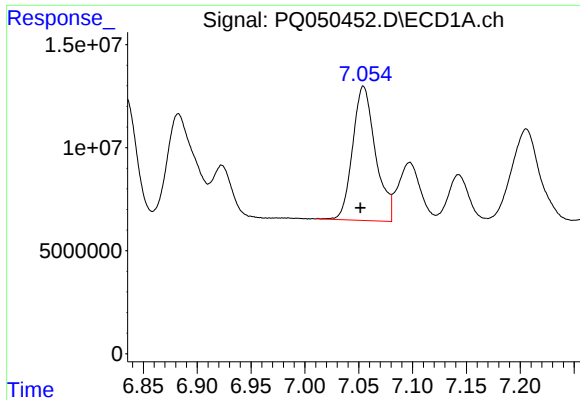
#6 AR-1016-4

R.T.: 6.741 min
Delta R.T.: 0.003 min
Response: 102189330
Conc: 270.77 ng/ml



#6 AR-1016-4

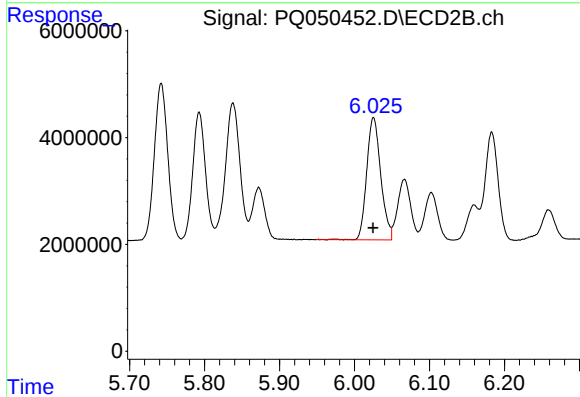
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 28099390
Conc: 254.98 ng/ml



#7 AR-1016-5

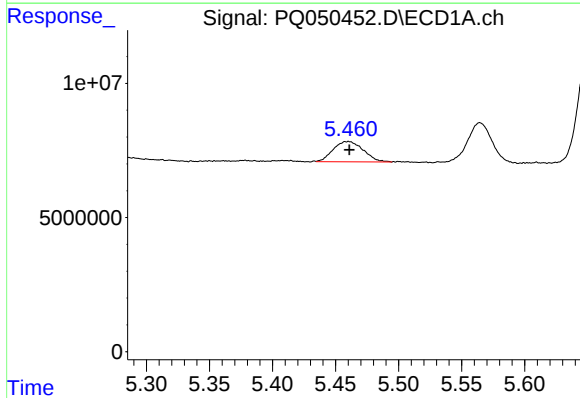
R.T.: 7.054 min
Delta R.T.: 0.003 min
Response: 96043023
Conc: 264.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



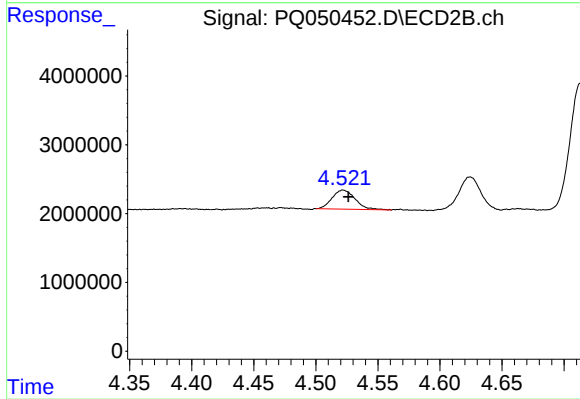
#7 AR-1016-5

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 29732025
Conc: 200.83 ng/ml



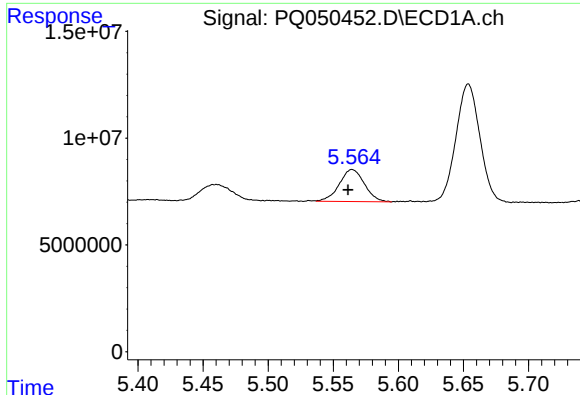
#8 AR-1221-1

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 12591192
Conc: 97.97 ng/ml



#8 AR-1221-1

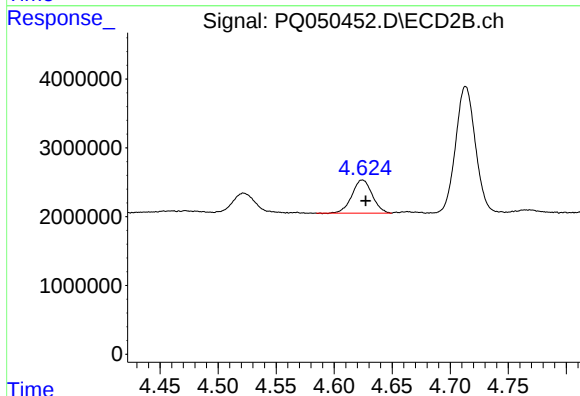
R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 3568119
Conc: 91.14 ng/ml



#9 AR-1221-2

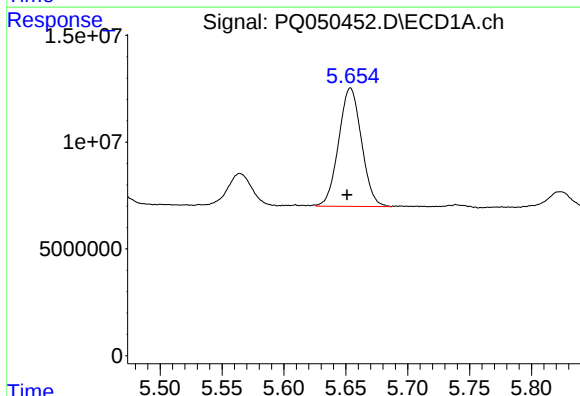
R.T.: 5.564 min
Delta R.T.: 0.003 min
Response: 20192363
Conc: 209.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



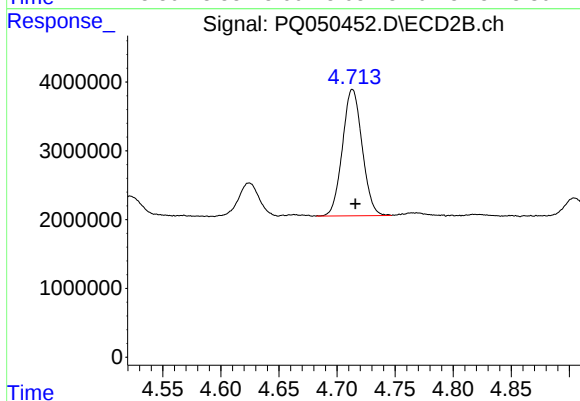
#9 AR-1221-2

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 5878710
Conc: 200.64 ng/ml



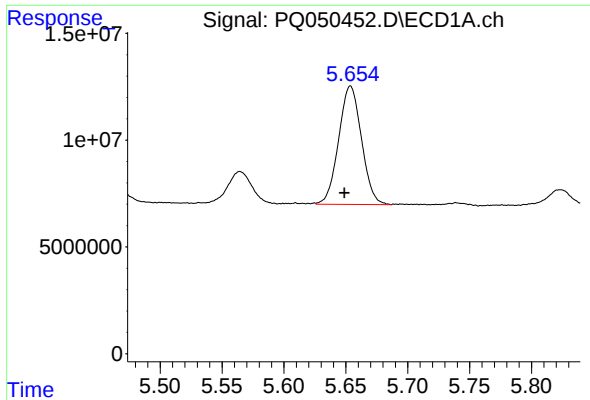
#10 AR-1221-3

R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 71104970
Conc: 237.89 ng/ml



#10 AR-1221-3

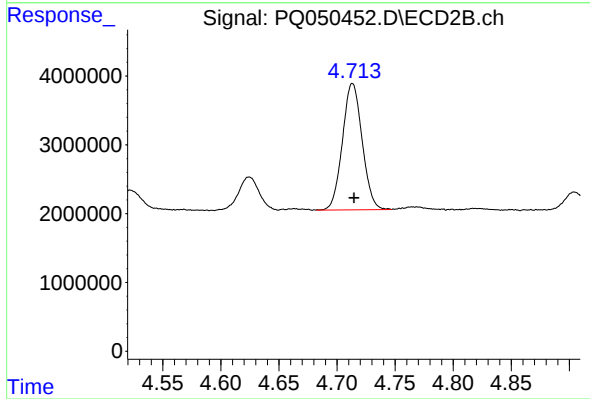
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 21705912
Conc: 228.32 ng/ml



#11 AR-1232-1

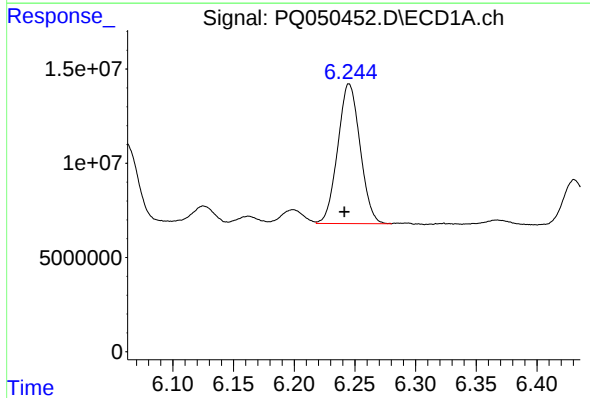
R.T.: 5.654 min
Delta R.T.: 0.005 min
Response: 71104970
Conc: 259.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



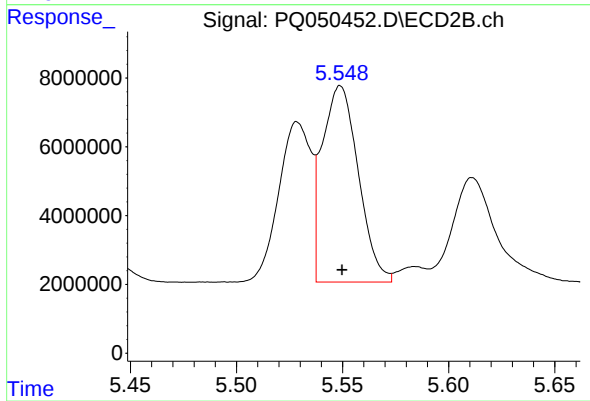
#11 AR-1232-1

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 21705912
Conc: 246.03 ng/ml



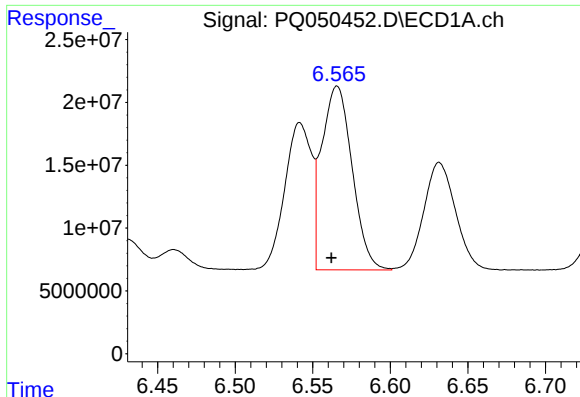
#12 AR-1232-2

R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 94957719
Conc: 680.50 ng/ml



#12 AR-1232-2

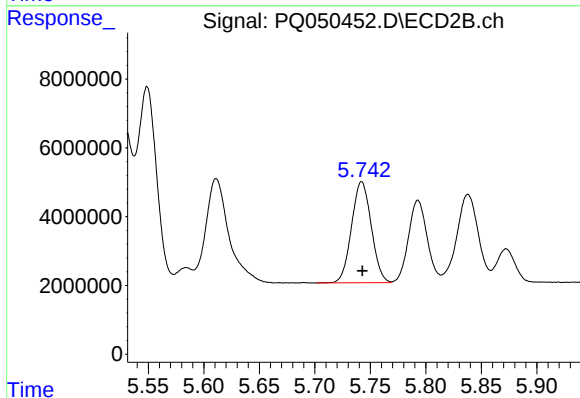
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 67799490
Conc: 656.26 ng/ml



#13 AR-1232-3

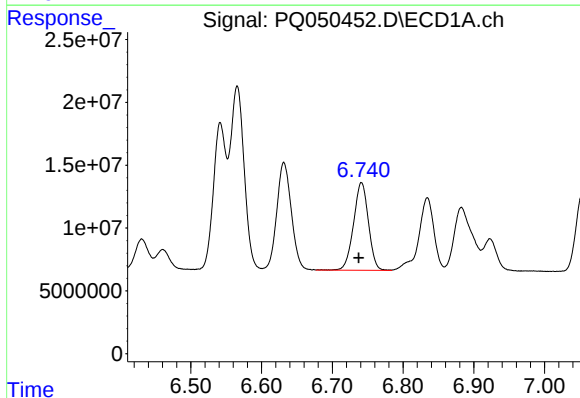
R.T.: 6.566 min
Delta R.T.: 0.004 min
Response: 198923205
Conc: 680.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



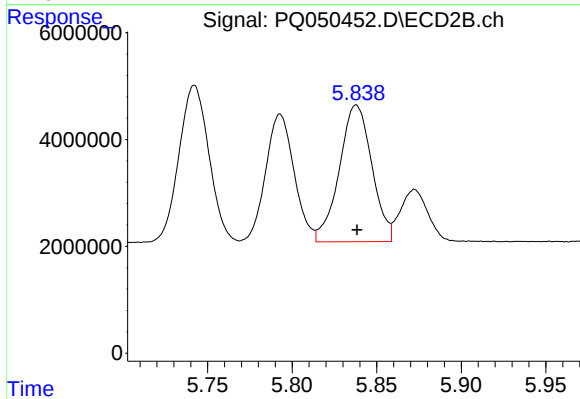
#13 AR-1232-3

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 36336563
Conc: 665.78 ng/ml



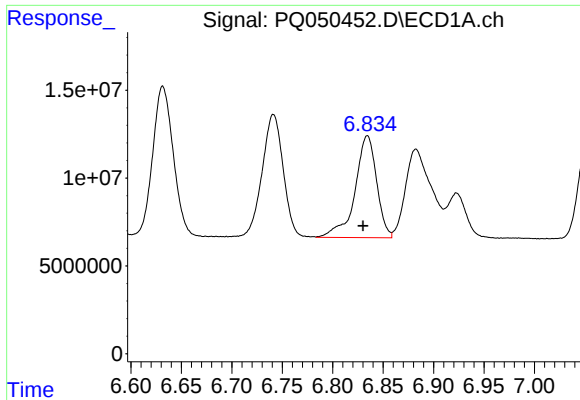
#14 AR-1232-4

R.T.: 6.741 min
Delta R.T.: 0.004 min
Response: 102189330
Conc: 681.69 ng/ml



#14 AR-1232-4

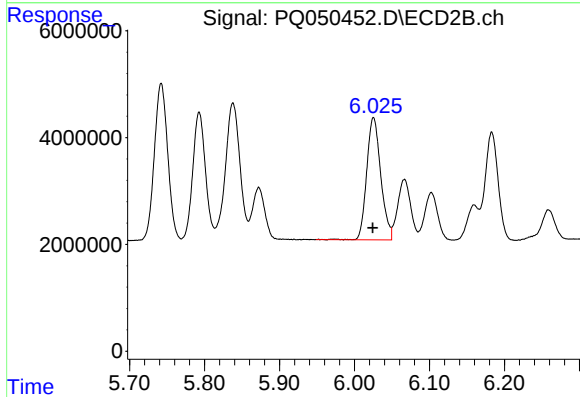
R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 34340624
Conc: 724.16 ng/ml



#15 AR-1232-5

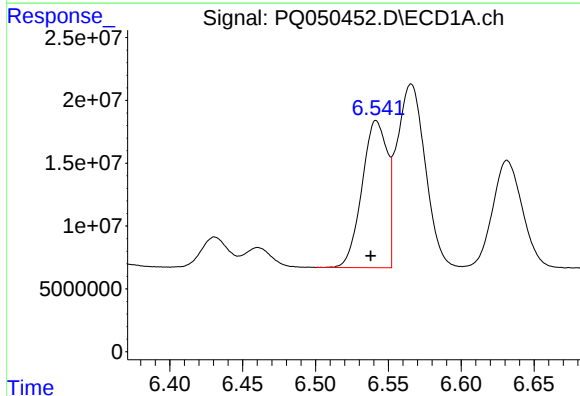
R.T.: 6.834 min
Delta R.T.: 0.004 min
Response: 86672640
Conc: 789.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



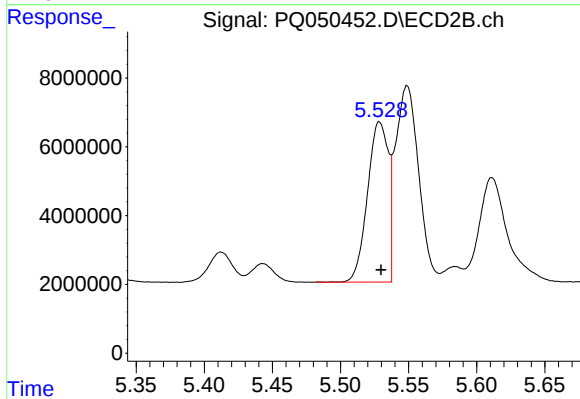
#15 AR-1232-5

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 29732025
Conc: 557.28 ng/ml



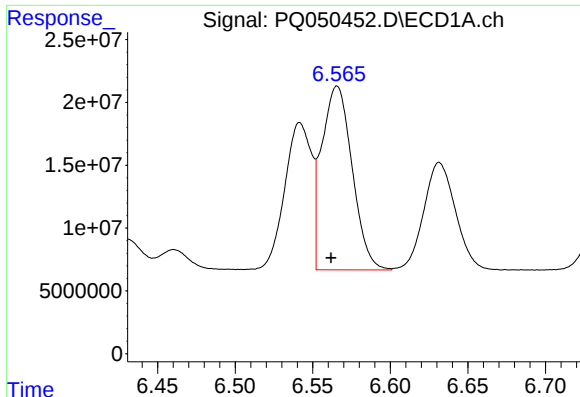
#16 AR-1242-1

R.T.: 6.542 min
Delta R.T.: 0.004 min
Response: 141288207
Conc: 373.52 ng/ml



#16 AR-1242-1

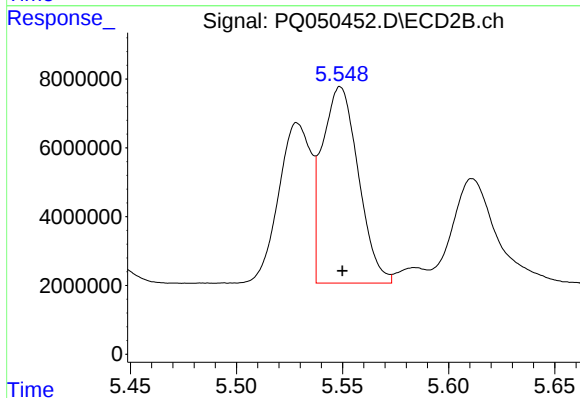
R.T.: 5.529 min
Delta R.T.: -0.001 min
Response: 49500701
Conc: 362.55 ng/ml



#17 AR-1242-2

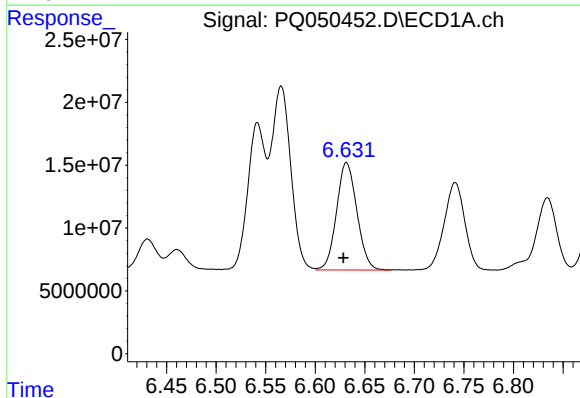
R.T.: 6.566 min
Delta R.T.: 0.004 min
Response: 198923205
Conc: 372.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



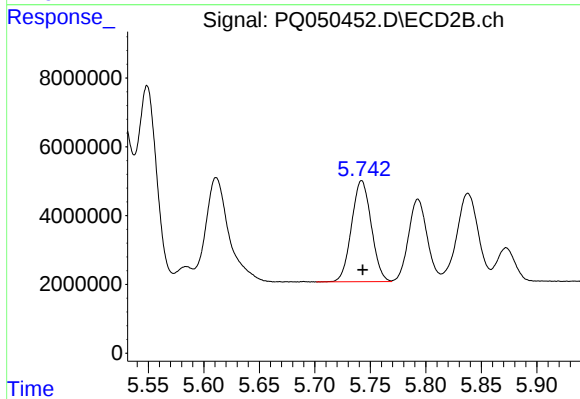
#17 AR-1242-2

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 67799490
Conc: 364.12 ng/ml



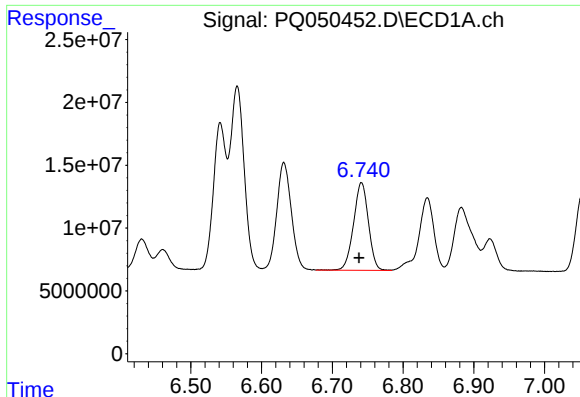
#18 AR-1242-3

R.T.: 6.631 min
Delta R.T.: 0.003 min
Response: 122276525
Conc: 373.41 ng/ml



#18 AR-1242-3

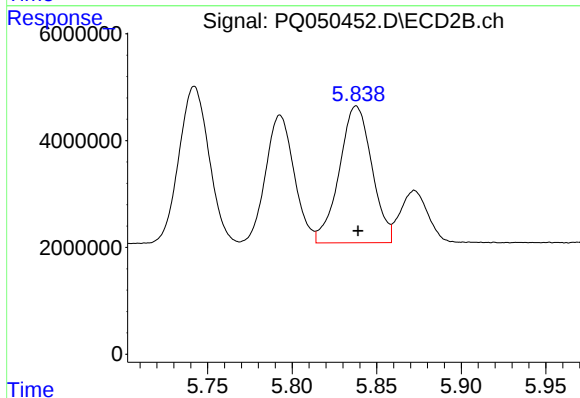
R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 36336563
Conc: 362.68 ng/ml



#19 AR-1242-4

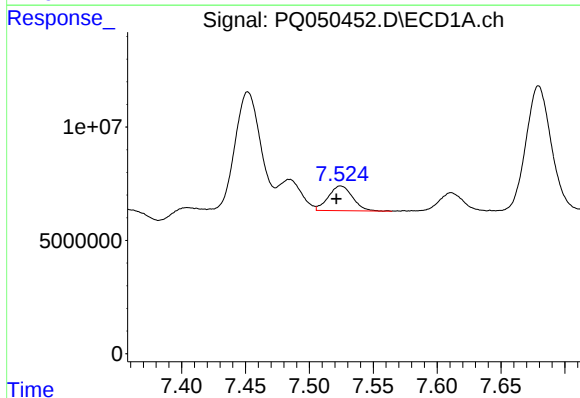
R.T.: 6.741 min
Delta R.T.: 0.003 min
Response: 102189330
Conc: 374.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



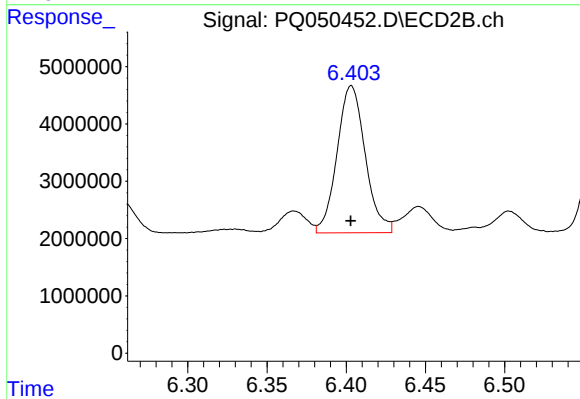
#19 AR-1242-4

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 34340624
Conc: 360.69 ng/ml



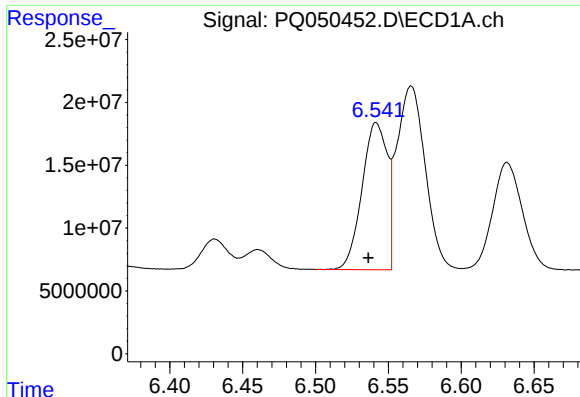
#20 AR-1242-5

R.T.: 7.525 min
Delta R.T.: 0.003 min
Response: 14371115
Conc: 47.78 ng/ml



#20 AR-1242-5

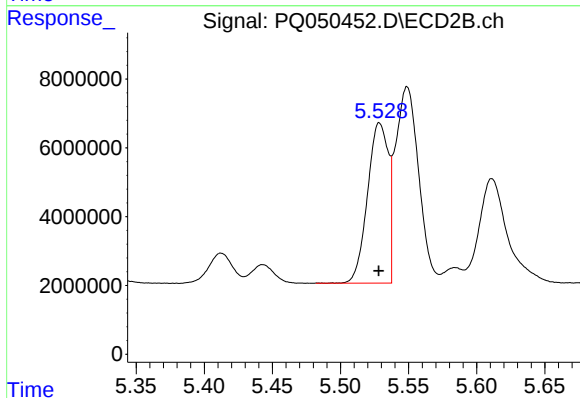
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 31830369
Conc: 229.50 ng/ml



#21 AR-1248-1

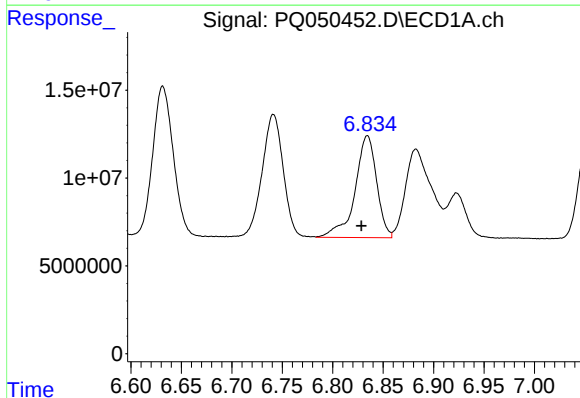
R.T.: 6.542 min
Delta R.T.: 0.005 min
Response: 141288207
Conc: 381.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



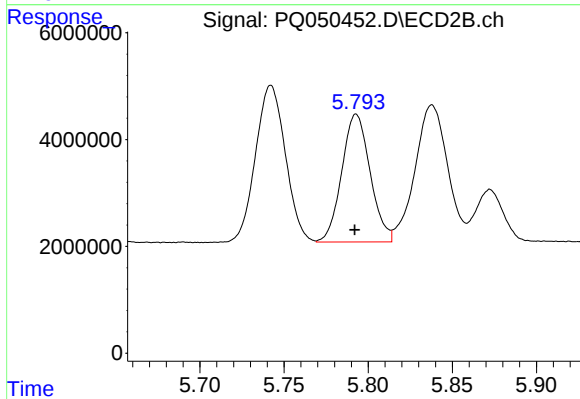
#21 AR-1248-1

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 49500701
Conc: 384.47 ng/ml



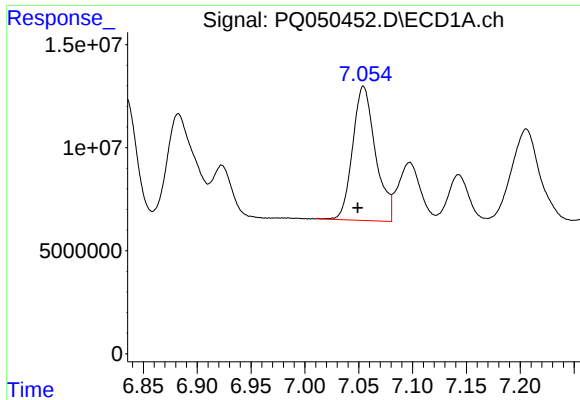
#22 AR-1248-2

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 86672640
Conc: 170.22 ng/ml



#22 AR-1248-2

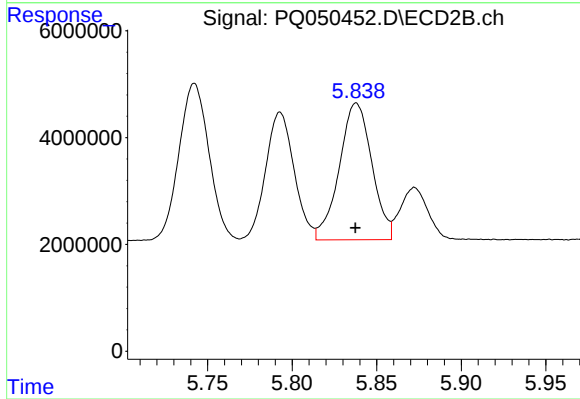
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 28099390
Conc: 157.63 ng/ml



#23 AR-1248-3

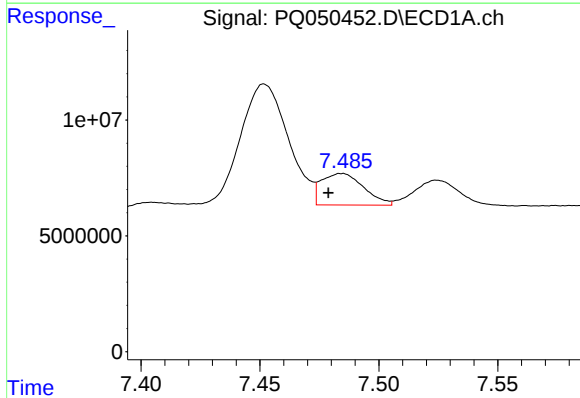
R.T.: 7.054 min
Delta R.T.: 0.005 min
Response: 96043023
Conc: 173.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



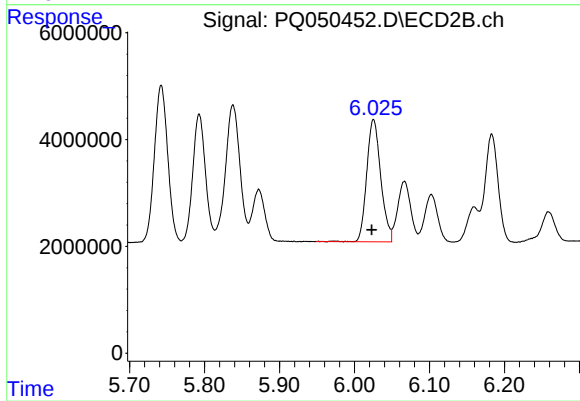
#23 AR-1248-3

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 34340624
Conc: 186.42 ng/ml



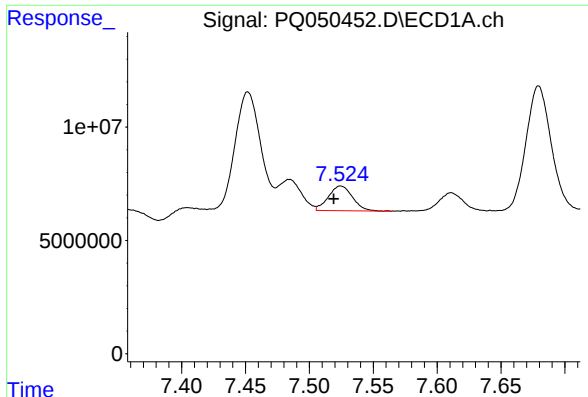
#24 AR-1248-4

R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 16827438
Conc: 26.37 ng/ml



#24 AR-1248-4

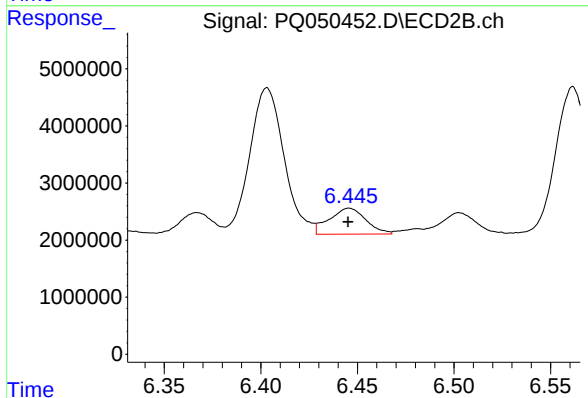
R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 29732025
Conc: 132.02 ng/ml



#25 AR-1248-5

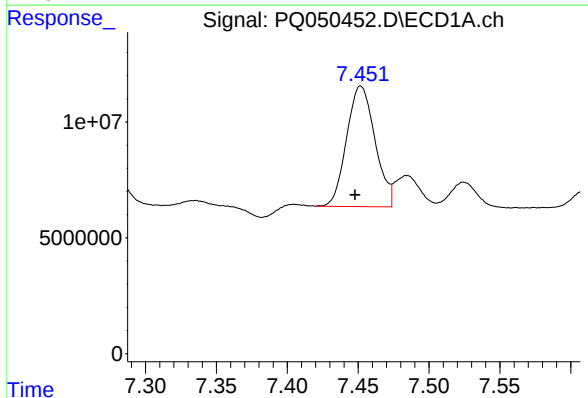
R.T.: 7.525 min
Delta R.T.: 0.005 min
Response: 14371115
Conc: 23.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



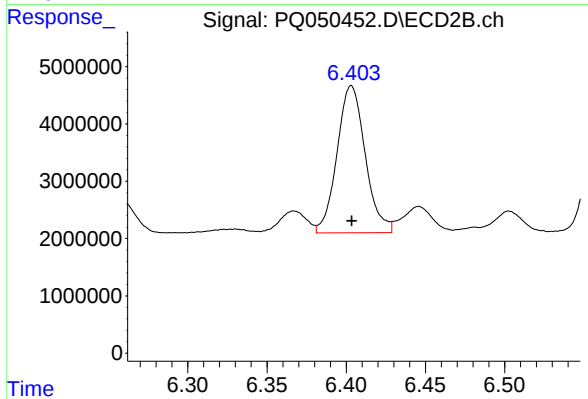
#25 AR-1248-5

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 5998429
Conc: 24.97 ng/ml



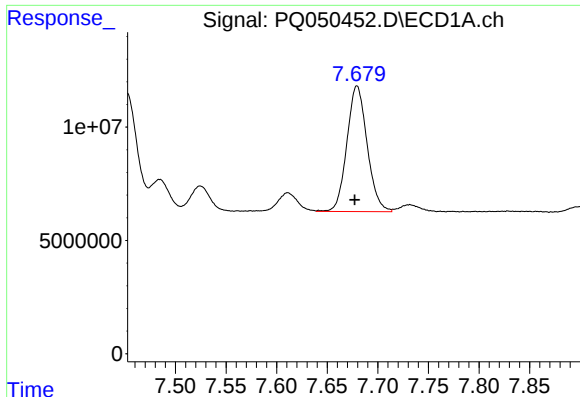
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: 0.004 min
Response: 72507404
Conc: 149.16 ng/ml



#26 AR-1254-1

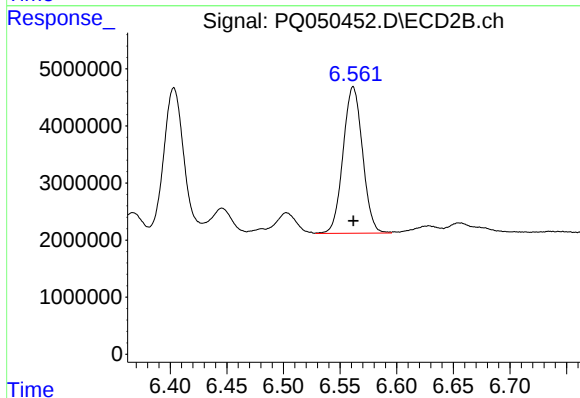
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 31830369
Conc: 110.09 ng/ml



#27 AR-1254-2

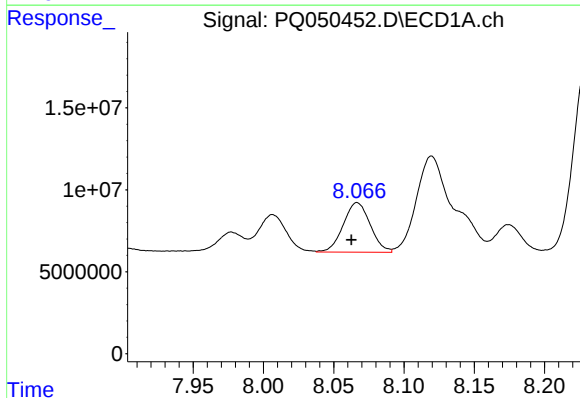
R.T.: 7.679 min
Delta R.T.: 0.002 min
Response: 77333261
Conc: 103.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



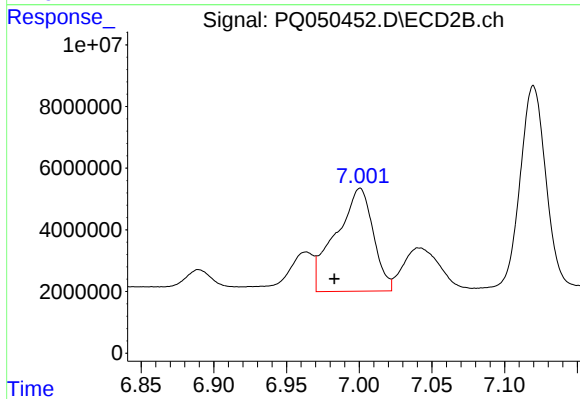
#27 AR-1254-2

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 30669161
Conc: 118.71 ng/ml



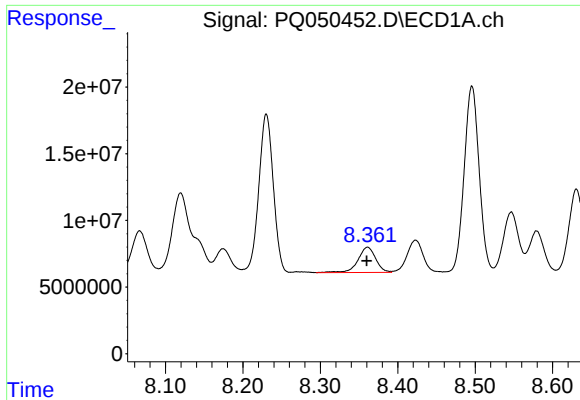
#28 AR-1254-3

R.T.: 8.067 min
Delta R.T.: 0.004 min
Response: 40375410
Conc: 53.23 ng/ml



#28 AR-1254-3

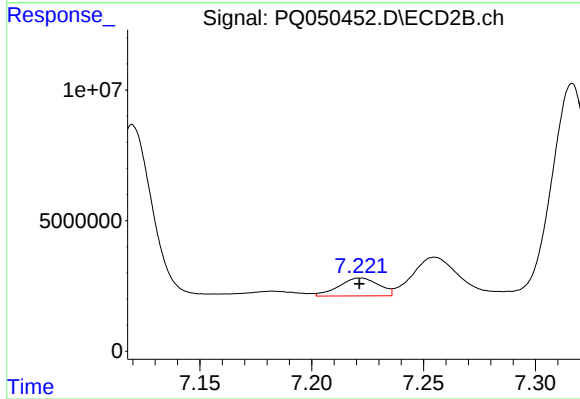
R.T.: 7.001 min
Delta R.T.: 0.018 min
Response: 59577624
Conc: 137.72 ng/ml



#29 AR-1254-4

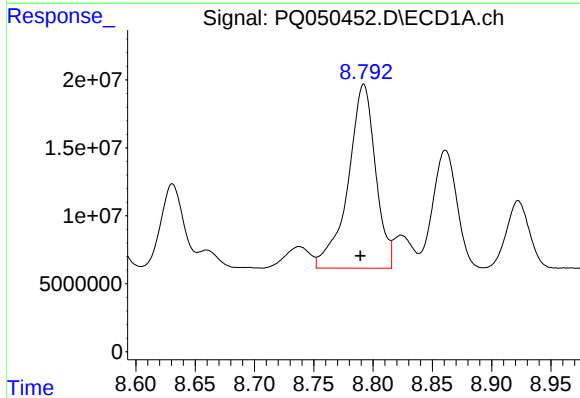
R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 30263012
Conc: 50.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



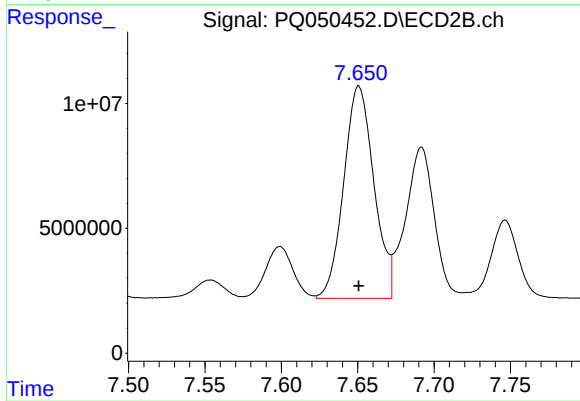
#29 AR-1254-4

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 8472506
Conc: 27.11 ng/ml



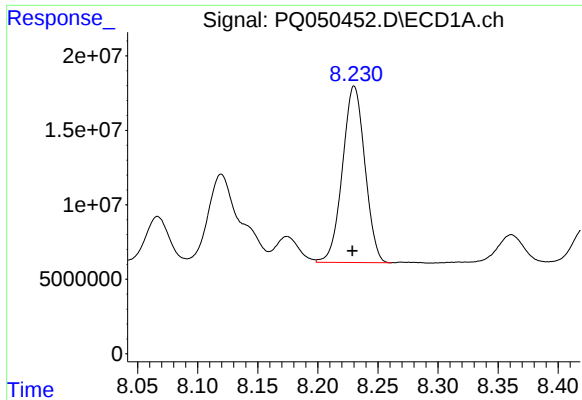
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 218203922
Conc: 377.44 ng/ml



#30 AR-1254-5

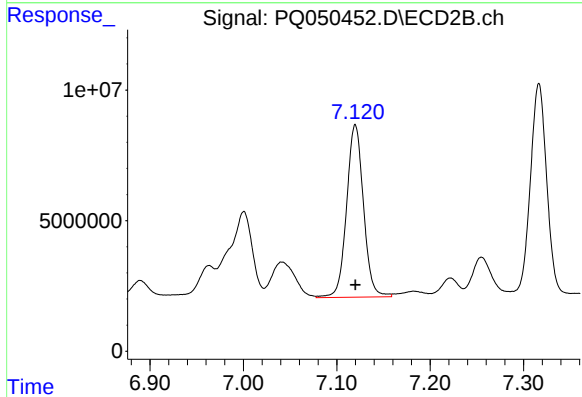
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 116975276
Conc: 280.27 ng/ml



#31 AR-1260-1

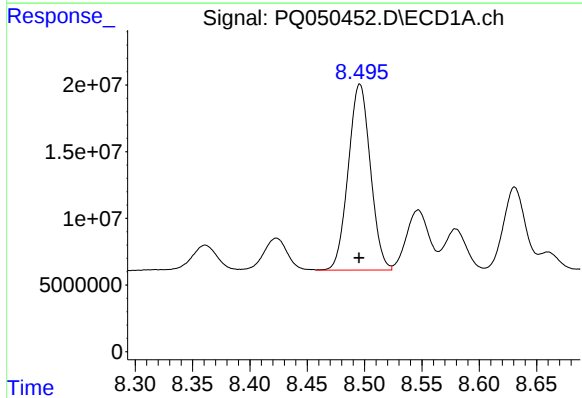
R.T.: 8.230 min
Delta R.T.: 0.002 min
Response: 153489868
Conc: 252.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



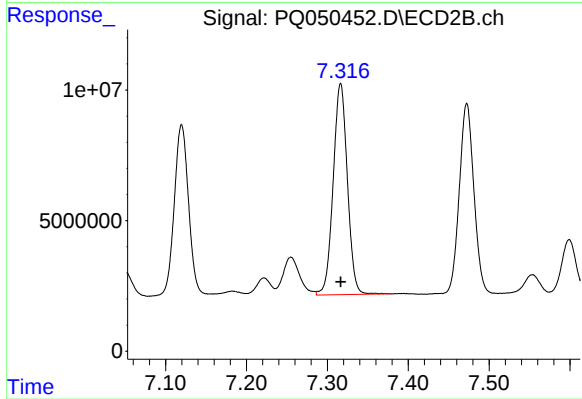
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 83036314
Conc: 263.74 ng/ml



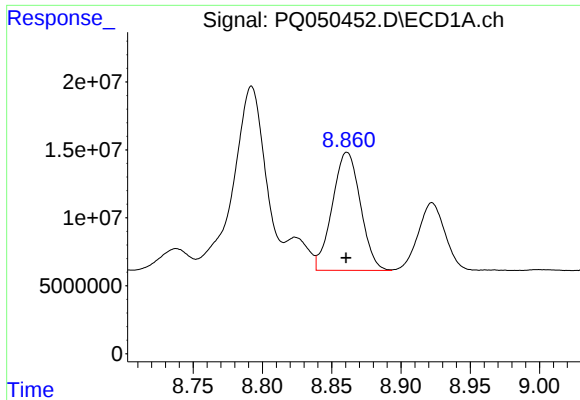
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 187549790
Conc: 263.04 ng/ml



#32 AR-1260-2

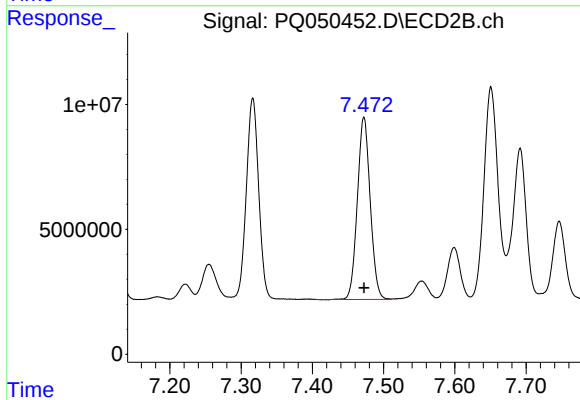
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 98742641
Conc: 228.96 ng/ml



#33 AR-1260-3

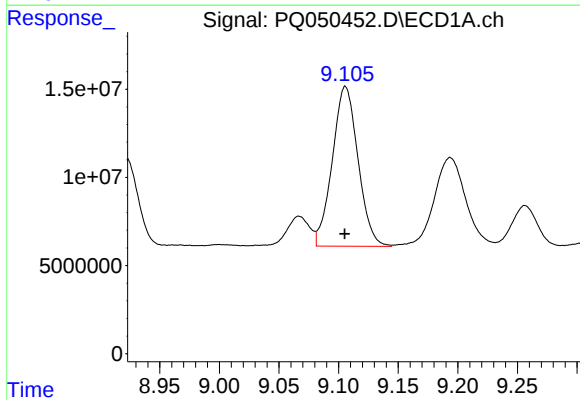
R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 122815715
Conc: 223.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



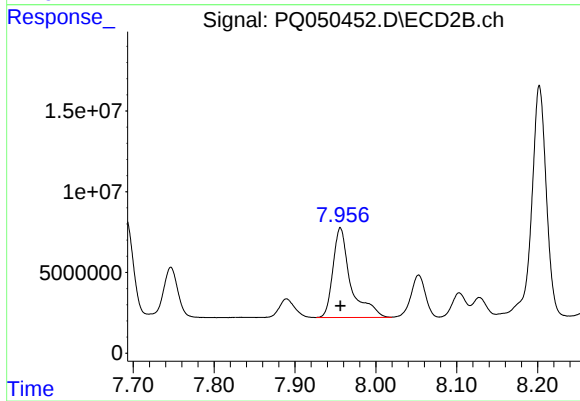
#33 AR-1260-3

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 91541720
Conc: 243.62 ng/ml



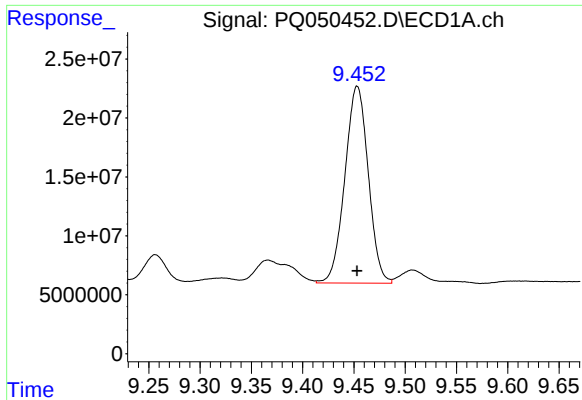
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 136022807
Conc: 234.79 ng/ml



#34 AR-1260-4

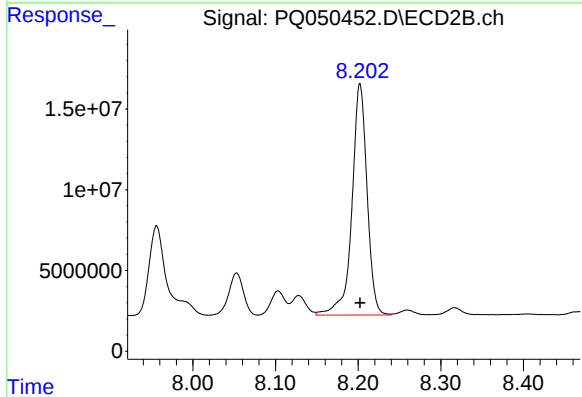
R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 85020216
Conc: 251.68 ng/ml



#35 AR-1260-5

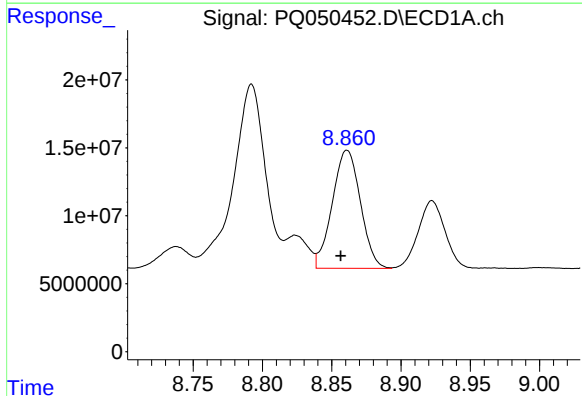
R.T.: 9.453 min
Delta R.T.: 0.000 min
Response: 265110288
Conc: 229.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



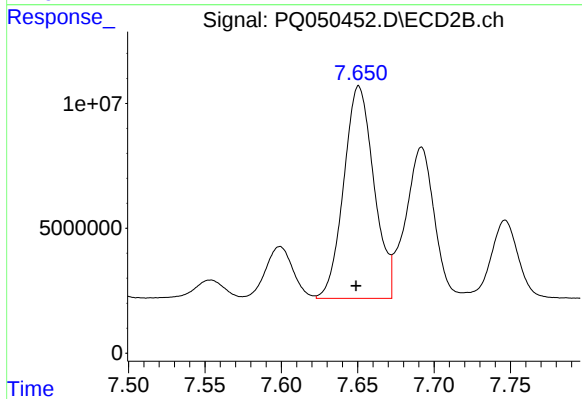
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 182715971
Conc: 191.72 ng/ml



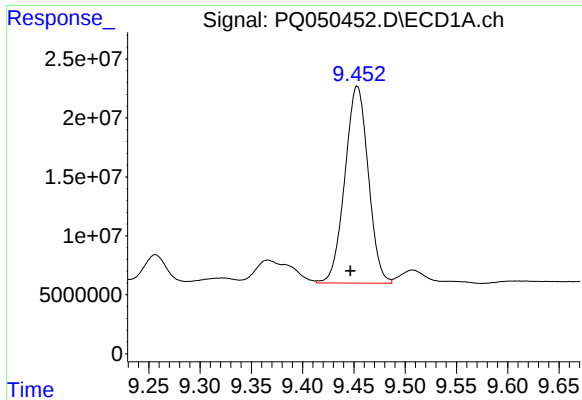
#36 AR-1262-1

R.T.: 8.861 min
Delta R.T.: 0.005 min
Response: 122815715
Conc: 174.23 ng/ml



#36 AR-1262-1

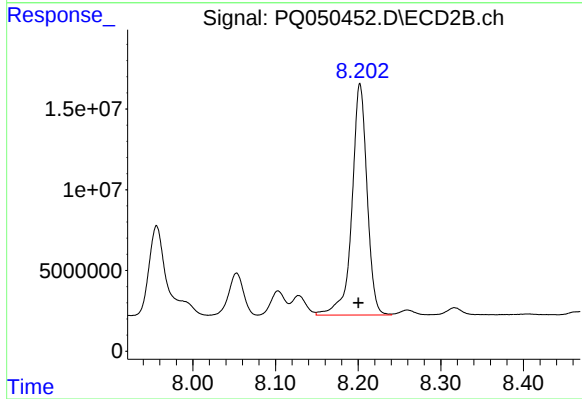
R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 116975276
Conc: 511.81 ng/ml



#37 AR-1262-2

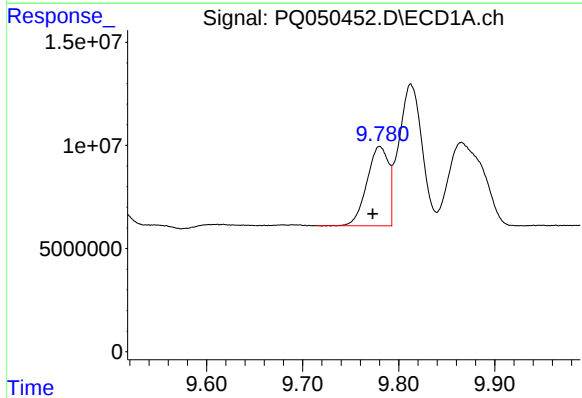
R.T.: 9.453 min
Delta R.T.: 0.007 min
Response: 265110288
Conc: 228.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



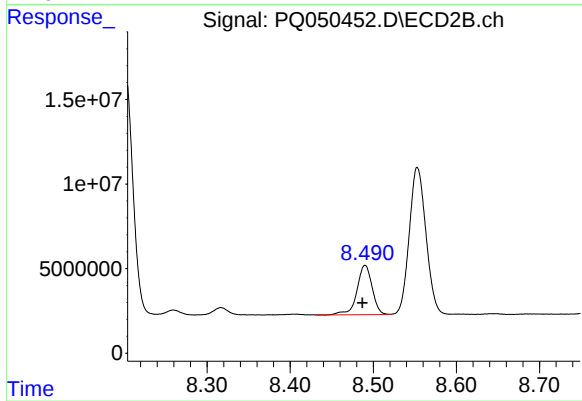
#37 AR-1262-2

R.T.: 8.202 min
Delta R.T.: 0.002 min
Response: 182715971
Conc: 192.53 ng/ml



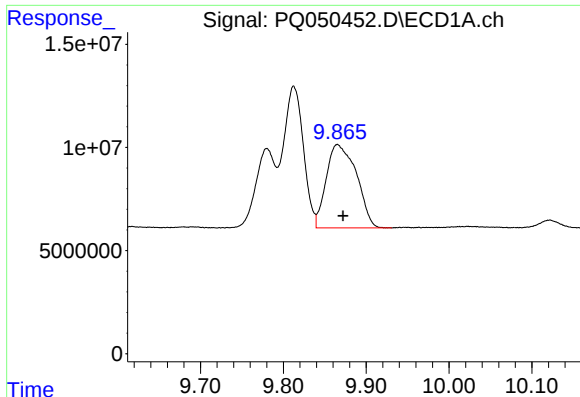
#38 AR-1262-3

R.T.: 9.780 min
Delta R.T.: 0.007 min
Response: 60157447
Conc: 112.23 ng/ml



#38 AR-1262-3

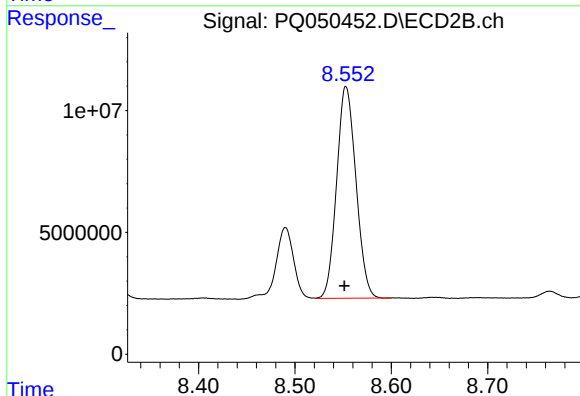
R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 37052078
Conc: 94.21 ng/ml



#39 AR-1262-4

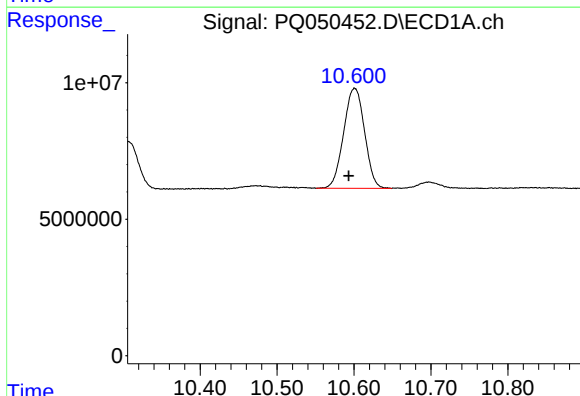
R.T.: 9.865 min
Delta R.T.: -0.007 min
Response: 102127027
Conc: 159.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



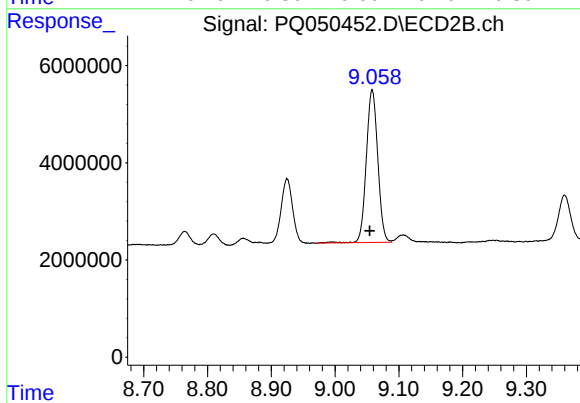
#39 AR-1262-4

R.T.: 8.553 min
Delta R.T.: 0.002 min
Response: 121006481
Conc: 176.56 ng/ml



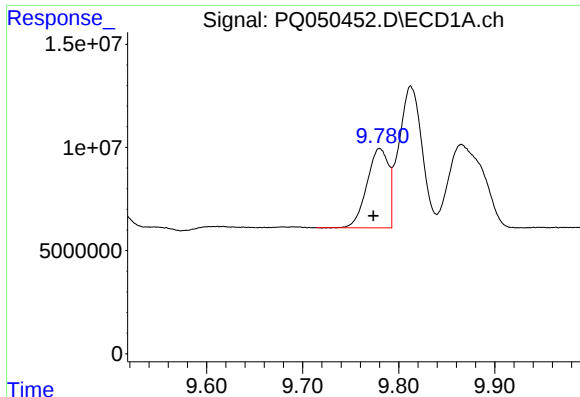
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.008 min
Response: 69339162
Conc: 156.49 ng/ml



#40 AR-1262-5

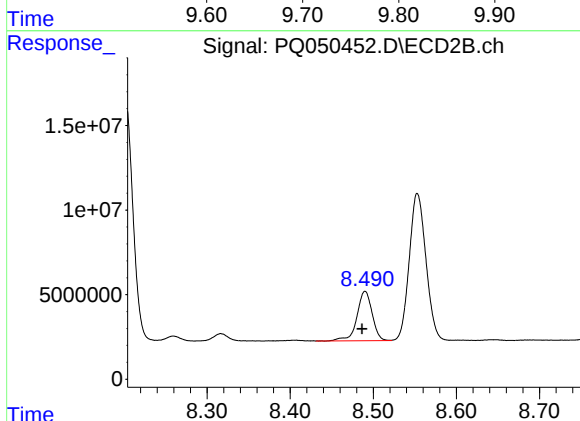
R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 39417561
Conc: 114.25 ng/ml



#41 AR-1268-1

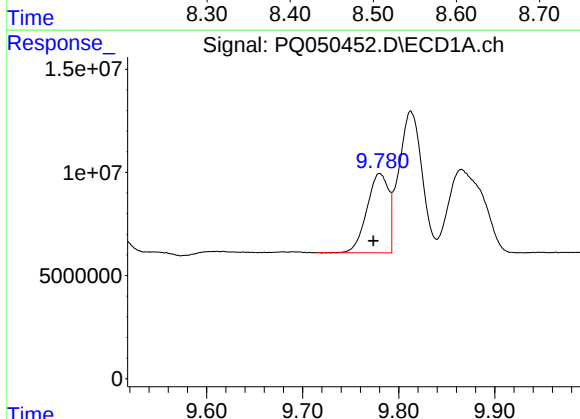
R.T.: 9.780 min
Delta R.T.: 0.006 min
Response: 60157447
Conc: 45.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



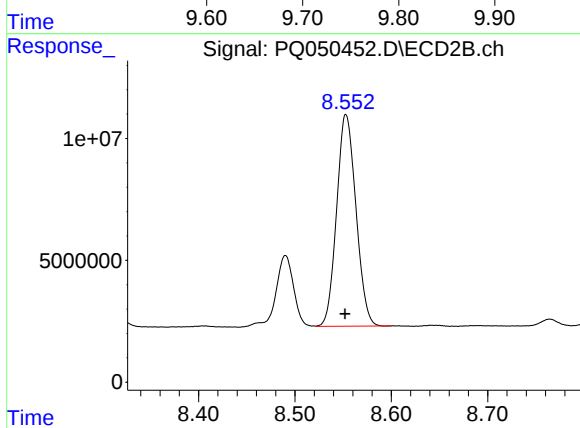
#41 AR-1268-1

R.T.: 8.490 min
Delta R.T.: 0.004 min
Response: 37052078
Conc: 32.81 ng/ml



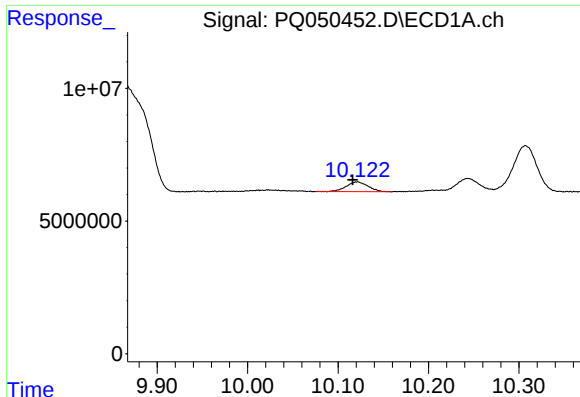
#42 AR-1268-2

R.T.: 9.780 min
Delta R.T.: 0.006 min
Response: 60157447
Conc: 45.37 ng/ml



#42 AR-1268-2

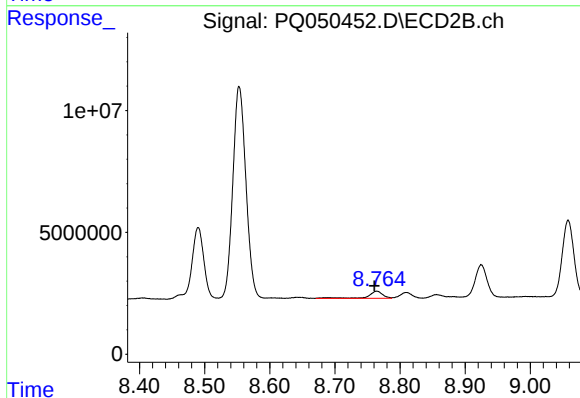
R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 121006481
Conc: 122.00 ng/ml



#43 AR-1268-3

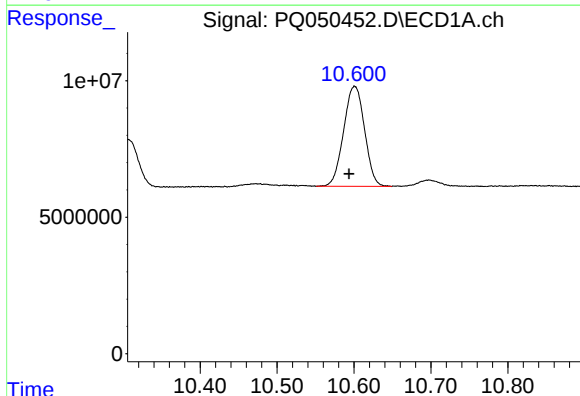
R.T.: 10.122 min
Delta R.T.: 0.005 min
Response: 6140491
Conc: 5.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



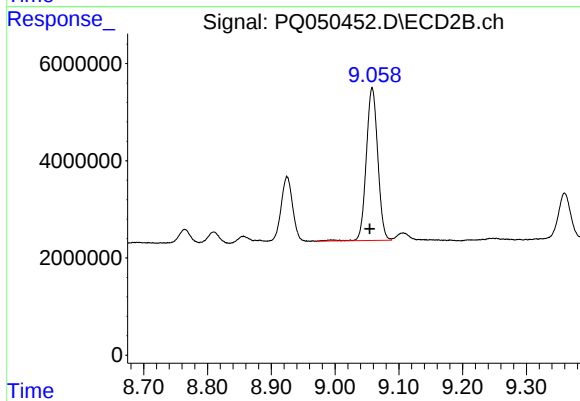
#43 AR-1268-3

R.T.: 8.764 min
Delta R.T.: 0.003 min
Response: 4532561
Conc: 5.38 ng/ml



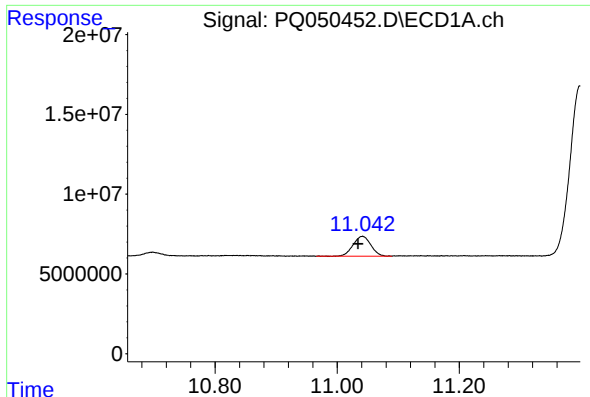
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.007 min
Response: 69339162
Conc: 143.53 ng/ml



#44 AR-1268-4

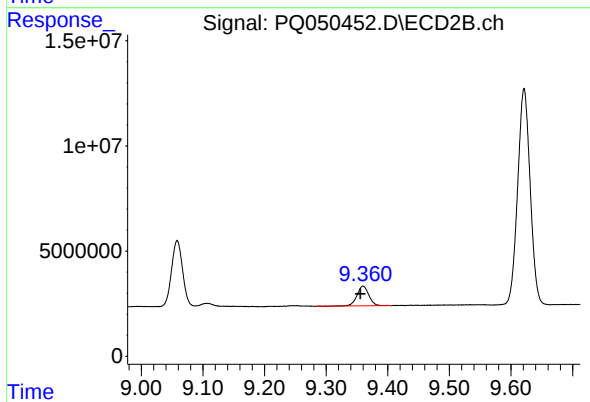
R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 39417561
Conc: 104.20 ng/ml



#45 AR-1268-5

R.T.: 11.042 min
Delta R.T.: 0.007 min
Response: 25133283
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: 0.004 min
Response: 12587058
Conc: 4.82 ng/ml