

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021121\
 Data File : PQ052155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2021 13:06
 Operator : DD\AJ
 Sample : PB134527BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 01:06:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 27 06:43:59 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...	5.232	4.252	549.5E6	195.0E6	24.651	28.252
2)	SA Decachlor...	11.420	9.592	793.2E6	310.1E6	42.000	49.123
Target Compounds							
3)	L1 AR-1016-1	6.554	5.508	91895402	33817728	117.504	131.492
4)	L1 AR-1016-2	6.578	5.529	134.9E6	48486799	115.344	133.470
5)	L1 AR-1016-3	6.646	5.721	81514156	24593758	115.294	131.992
6)	L1 AR-1016-4	6.753	5.771	67000480	19414700	114.100	131.406
7)	L1 AR-1016-5	7.067	6.002	65146252	24751402	113.639	130.863
8)	L2 AR-1221-1	5.482	4.506	11002754	2724395	43.920	32.976
9)	L2 AR-1221-2	5.583	4.607	14830212	5664729	84.837	97.681
10)	L2 AR-1221-3	5.668	4.697	45331394	15806506	76.622	79.950
11)	L3 AR-1232-1	5.668	4.697	45331394	15806506	98.827	102.070
12)	L3 AR-1232-2	6.260	5.529	67490188	48486799	268.505	290.579
13)	L3 AR-1232-3	6.578	5.721	134.9E6	24593758	261.009	291.418
14)	L3 AR-1232-4	6.753	5.816	67000480	23229984	258.737	320.069
15)	L3 AR-1232-5	6.847	6.002	55960038	24751402	300.359	312.926
16)	L4 AR-1242-1	6.554	5.508	91895402	33817728	143.275	152.565
17)	L4 AR-1242-2	6.578	5.529	134.9E6	48486799	140.449	154.994
18)	L4 AR-1242-3	6.646	5.721	81514156	24593758	139.612	152.062
19)	L4 AR-1242-4	6.753	5.816	67000480	23229984	137.263	149.828
20)	L4 AR-1242-5	7.534	6.381	12570167	20204430	23.888	97.481 #
21)	L5 AR-1248-1	6.554	5.508	91895402	33817728	183.391	192.255
22)	L5 AR-1248-2	6.847	5.771	55960038	19414700	76.913	82.291
23)	L5 AR-1248-3	7.067	5.816	65146252	23229984	77.389	94.994
24)	L5 AR-1248-4	7.494	6.002	11184043	24751402	11.347	84.484 #
25)	L5 AR-1248-5	7.534	6.424	12570167	3032652	12.928	9.963
26)	L6 AR-1254-1	7.464	6.381	52116738	20204430	53.215	43.233
27)	L6 AR-1254-2	7.691	6.539	57912136	19154379	37.536	47.258 #
28)	L6 AR-1254-3	8.075	6.979	33641707	34151043	19.795	50.788 #
29)	L6 AR-1254-4	8.368	7.199	21915105	4040575	18.085	9.912 #
30)	L6 AR-1254-5	8.797	7.627	170.6E6	68768884	128.010	117.101
31)	L7 AR-1260-1	8.241	7.097	127.0E6	49808100	119.086	134.884
32)	L7 AR-1260-2	8.504	7.293	143.4E6	61876375	113.184	135.141
33)	L7 AR-1260-3	8.870	7.449	89084876	55412334	91.597	130.798 #
34)	L7 AR-1260-4	9.113	7.932	108.0E6	39626079	96.517	110.586
35)	L7 AR-1260-5	9.459	8.177	202.5E6	97983378	92.302	115.289
36)	L8 AR-1262-1	8.870	7.627	89084876	68768884	56.667	222.346 #
37)	L8 AR-1262-2	9.459	8.177	202.5E6	97983378	70.380	86.522
38)	L8 AR-1262-3	9.818	8.465	127.9E6	18222472	67.217	41.284 #
39)	L8 AR-1262-4	9.874	8.527	69043021	65601732	47.641	79.349 #
40)	L8 AR-1262-5	10.608	9.031	46751547	19041640	48.010	53.334
41)	L9 AR-1268-1	9.818	8.465	127.9E6	18222472	36.539	13.452 #

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 ALS Vial : 15 Sample Multiplier: 1

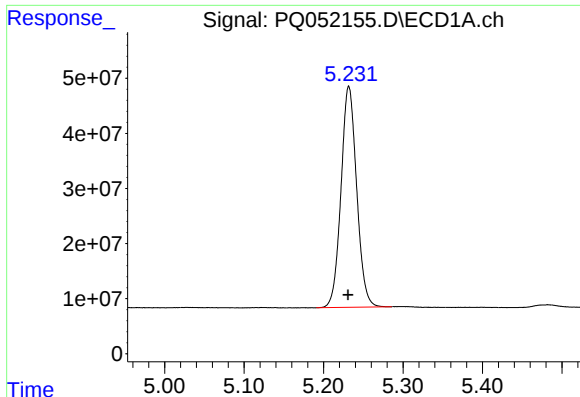
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 01:06:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012621CLP.M
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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	9.874	8.527	69043021	65601732	21.598	51.747 #
43) L9	AR-1268-3	10.138	8.739	5536082	2776475	2.012	2.550 #
44) L9	AR-1268-4	10.608	9.031	46751547	19041640	42.006	46.380
45) L9	AR-1268-5	11.056	9.331	19769920	7989897	2.271	2.419

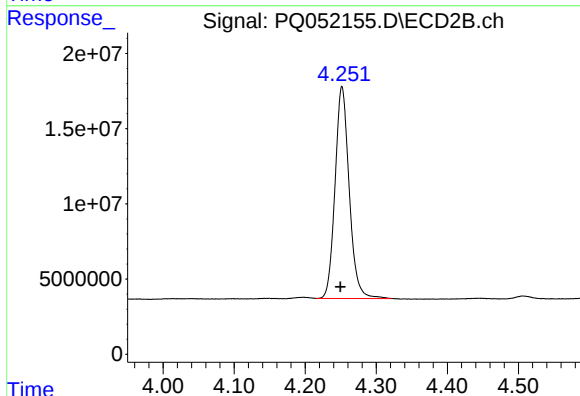
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

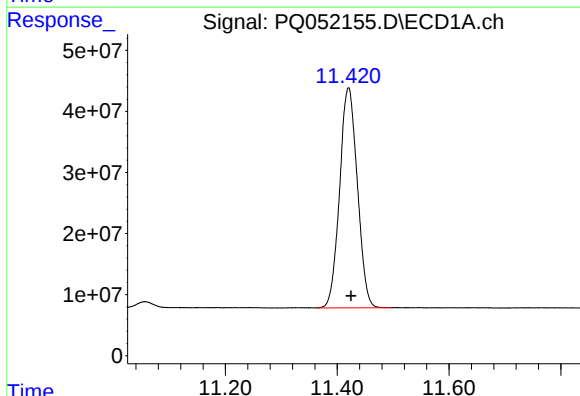
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 549507960
Conc: 24.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



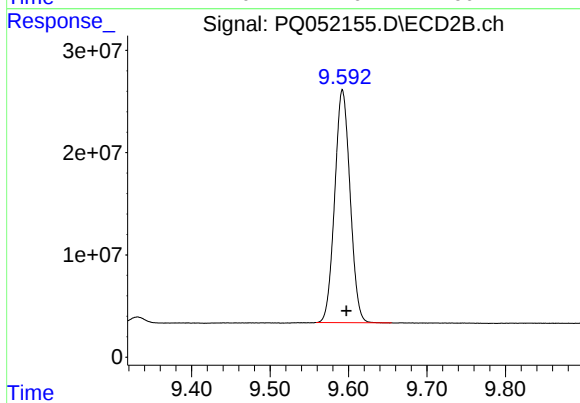
#1 Tetrachloro-m-xylene

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 195036968
Conc: 28.25 ng/ml



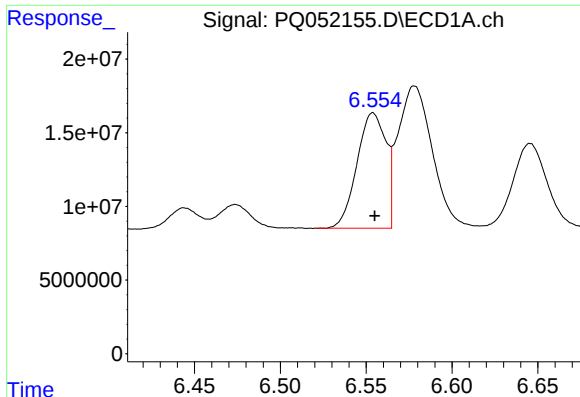
#2 Decachlorobiphenyl

R.T.: 11.420 min
Delta R.T.: -0.005 min
Response: 793158829
Conc: 42.00 ng/ml



#2 Decachlorobiphenyl

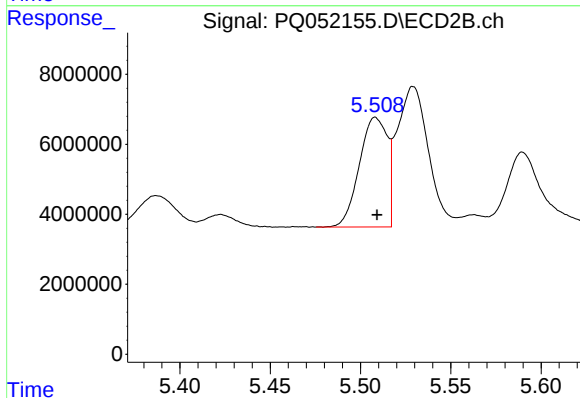
R.T.: 9.592 min
Delta R.T.: -0.005 min
Response: 310087697
Conc: 49.12 ng/ml



#3 AR-1016-1

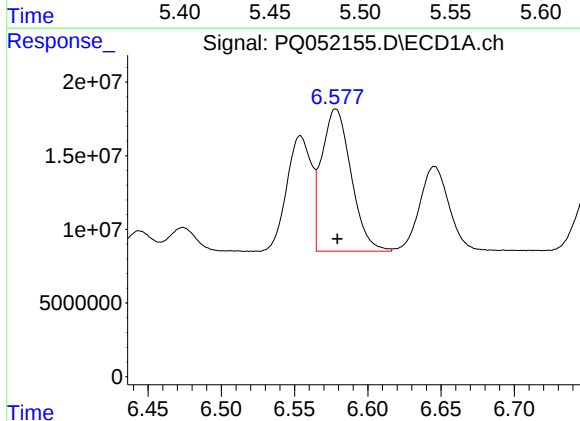
R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 91895402
Conc: 117.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



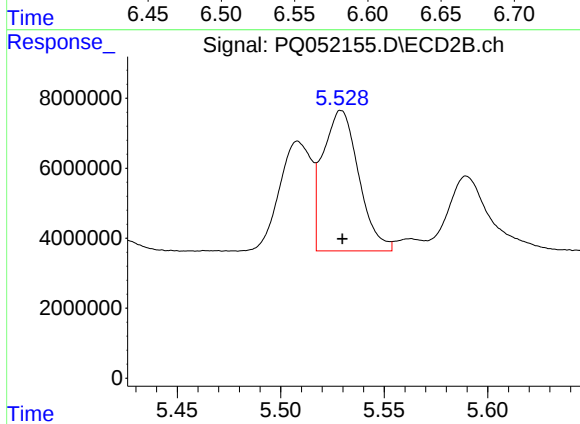
#3 AR-1016-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 33817728
Conc: 131.49 ng/ml



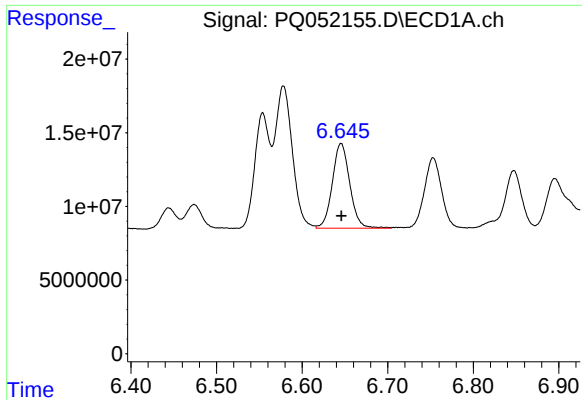
#4 AR-1016-2

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 134937193
Conc: 115.34 ng/ml



#4 AR-1016-2

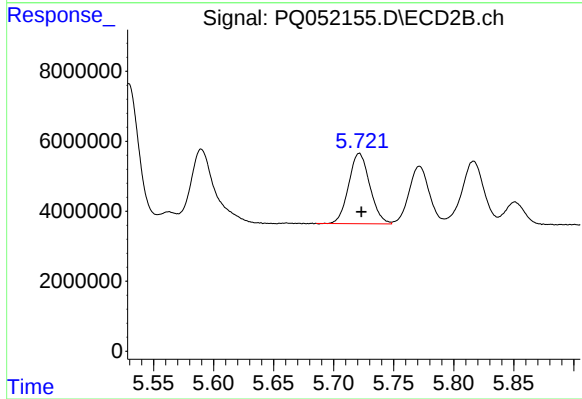
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 48486799
Conc: 133.47 ng/ml



#5 AR-1016-3

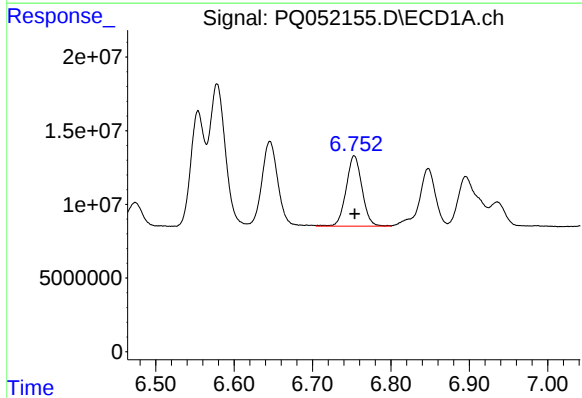
R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 81514156
Conc: 115.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



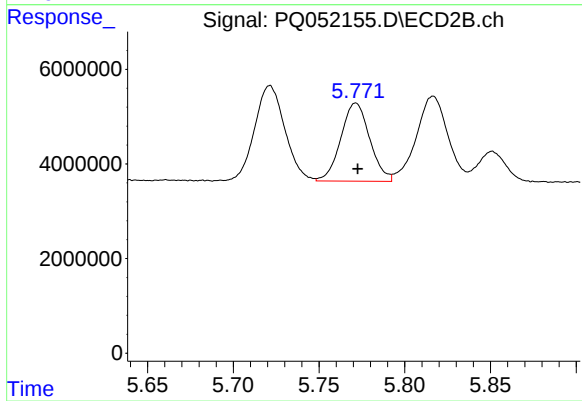
#5 AR-1016-3

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 24593758
Conc: 131.99 ng/ml



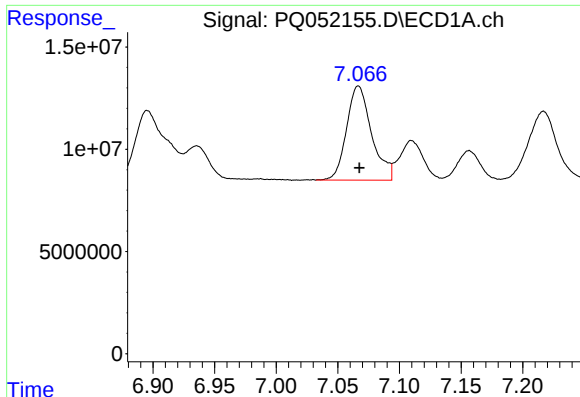
#6 AR-1016-4

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 67000480
Conc: 114.10 ng/ml



#6 AR-1016-4

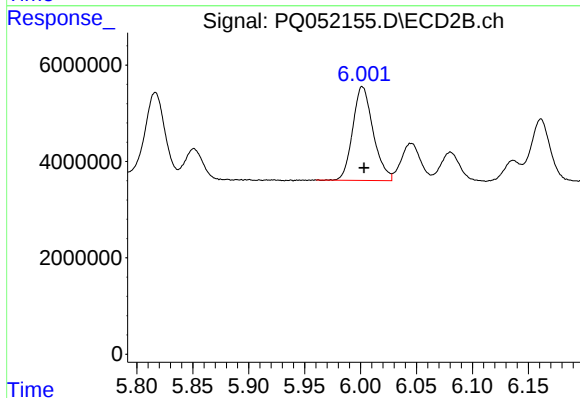
R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 19414700
Conc: 131.41 ng/ml



#7 AR-1016-5

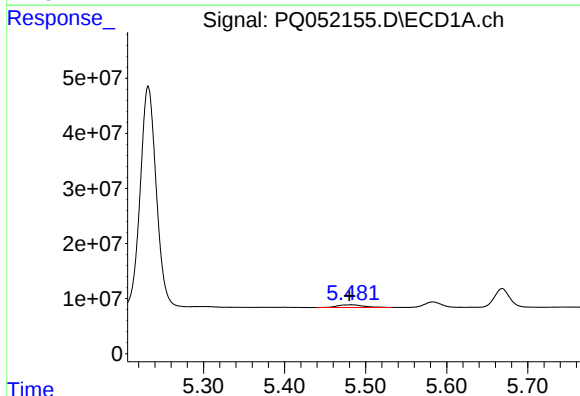
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 65146252
Conc: 113.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



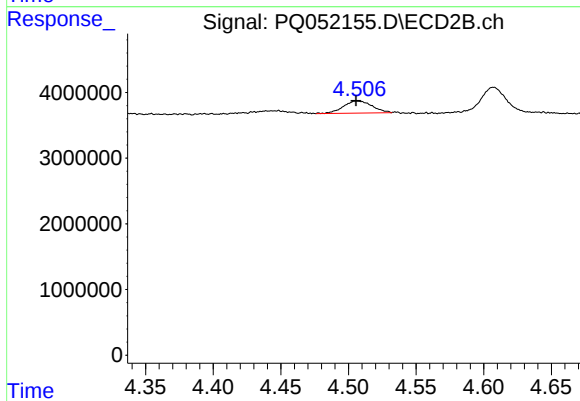
#7 AR-1016-5

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 24751402
Conc: 130.86 ng/ml



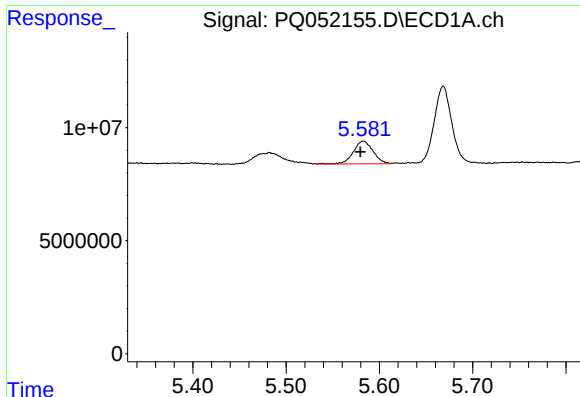
#8 AR-1221-1

R.T.: 5.482 min
Delta R.T.: 0.002 min
Response: 11002754
Conc: 43.92 ng/ml



#8 AR-1221-1

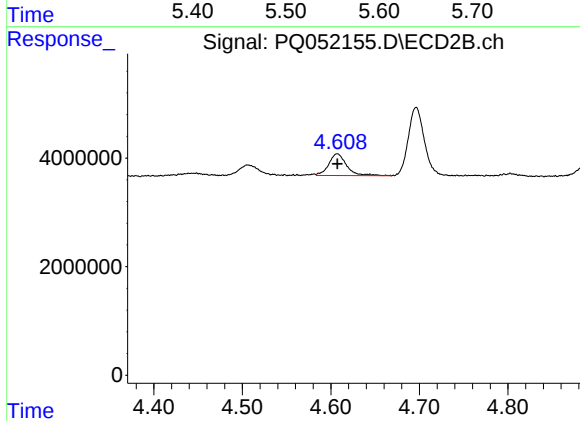
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 2724395
Conc: 32.98 ng/ml



#9 AR-1221-2

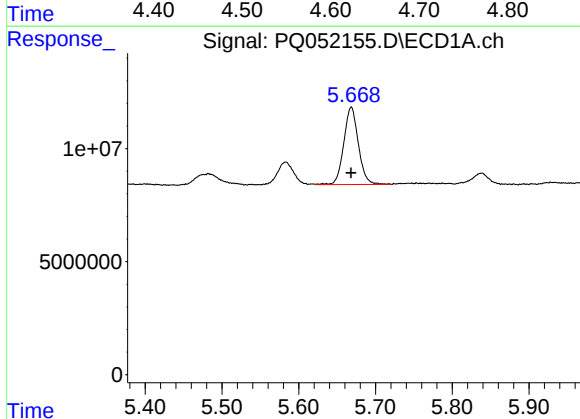
R.T.: 5.583 min
Delta R.T.: 0.003 min
Response: 14830212
Conc: 84.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



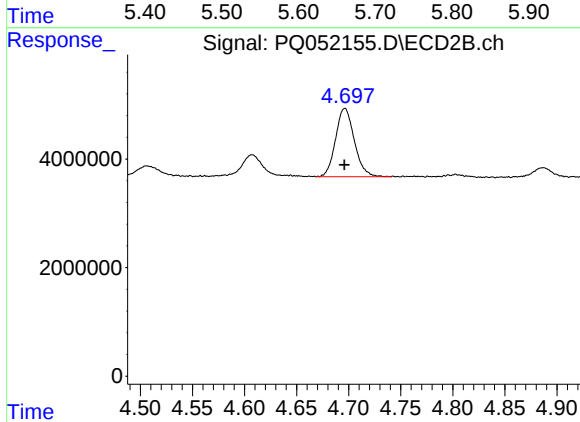
#9 AR-1221-2

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 5664729
Conc: 97.68 ng/ml



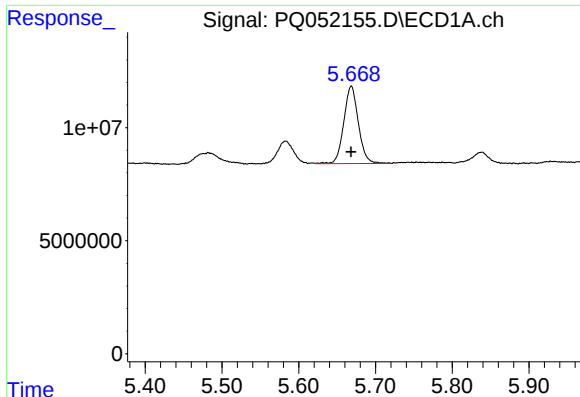
#10 AR-1221-3

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 45331394
Conc: 76.62 ng/ml



#10 AR-1221-3

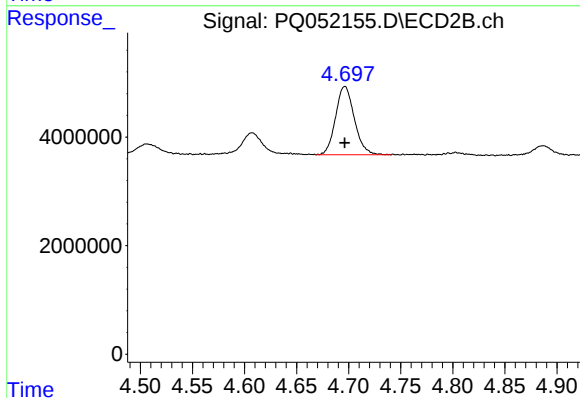
R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 15806506
Conc: 79.95 ng/ml



#11 AR-1232-1

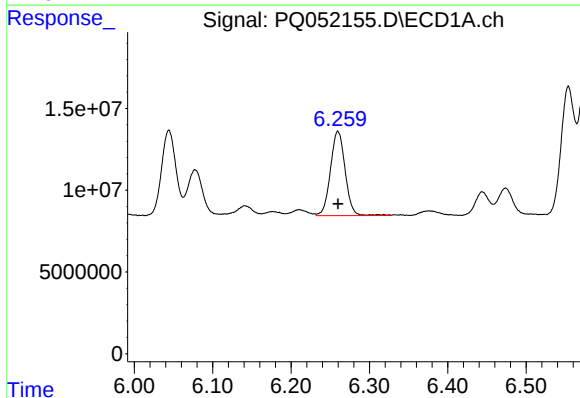
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 45331394
Conc: 98.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



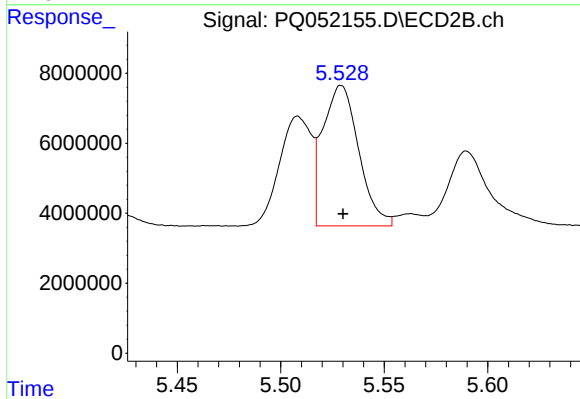
#11 AR-1232-1

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 15806506
Conc: 102.07 ng/ml



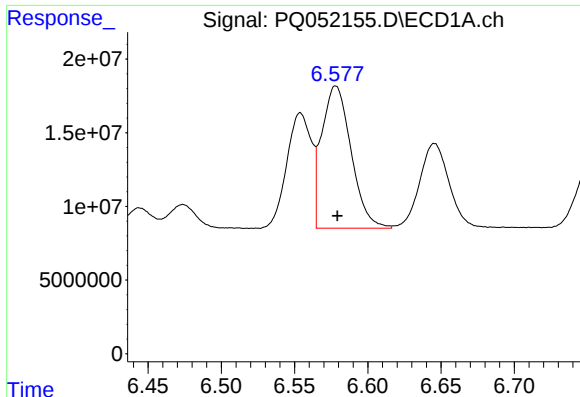
#12 AR-1232-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 67490188
Conc: 268.51 ng/ml



#12 AR-1232-2

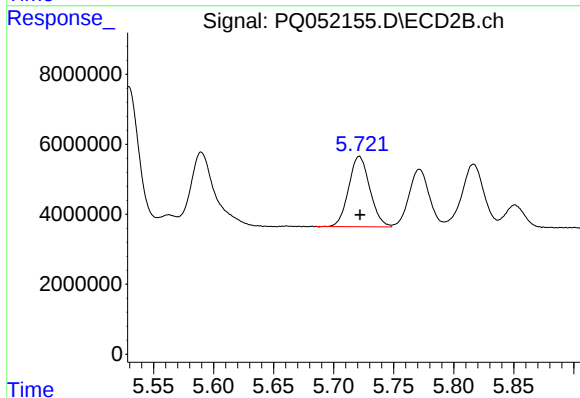
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 48486799
Conc: 290.58 ng/ml



#13 AR-1232-3

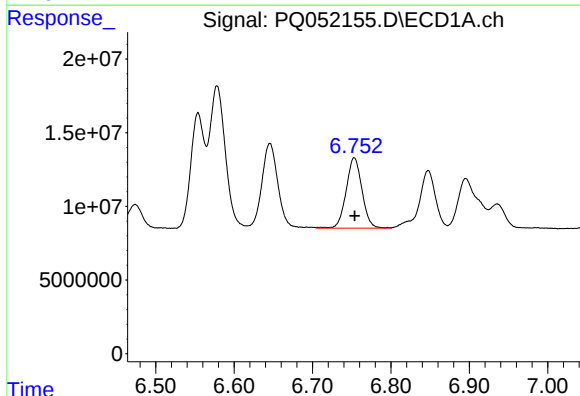
R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 134937193
Conc: 261.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



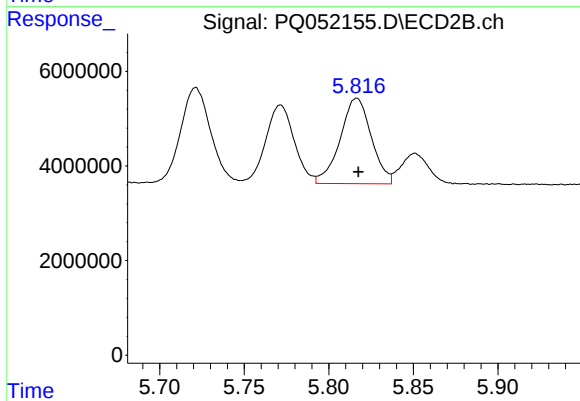
#13 AR-1232-3

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 24593758
Conc: 291.42 ng/ml



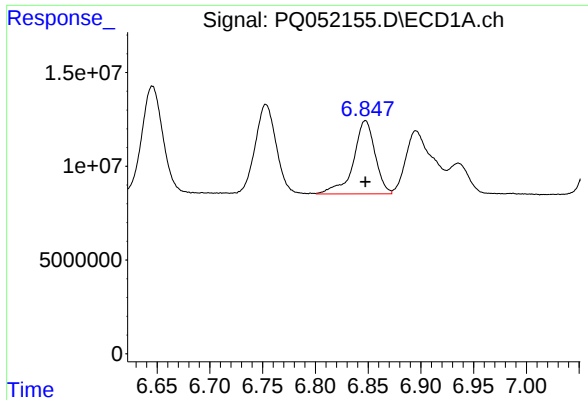
#14 AR-1232-4

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 67000480
Conc: 258.74 ng/ml



#14 AR-1232-4

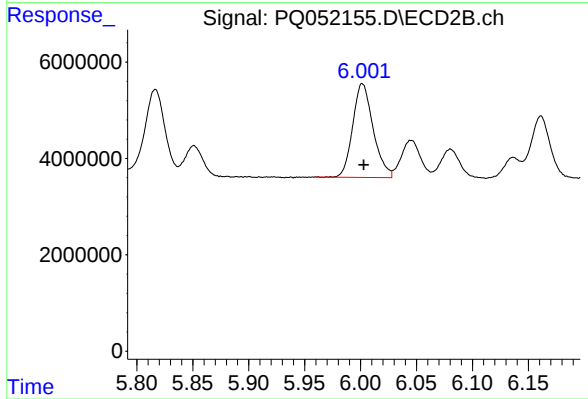
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 23229984
Conc: 320.07 ng/ml



#15 AR-1232-5

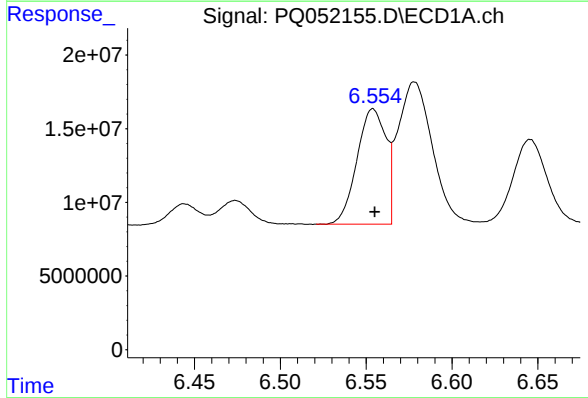
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 55960038
Conc: 300.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



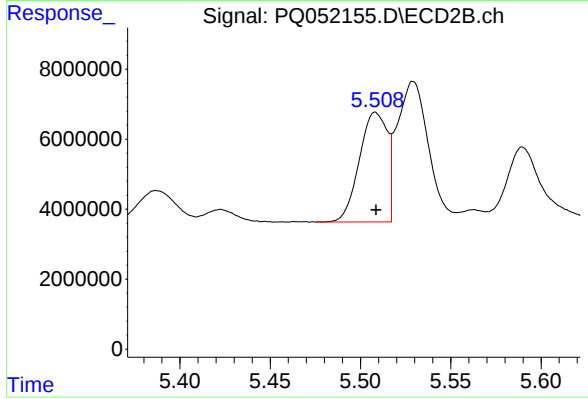
#15 AR-1232-5

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 24751402
Conc: 312.93 ng/ml



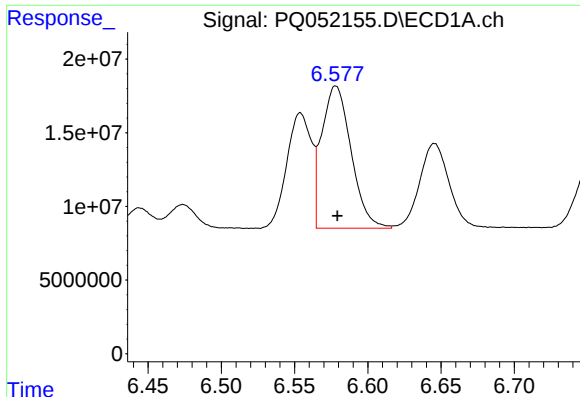
#16 AR-1242-1

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 91895402
Conc: 143.28 ng/ml



#16 AR-1242-1

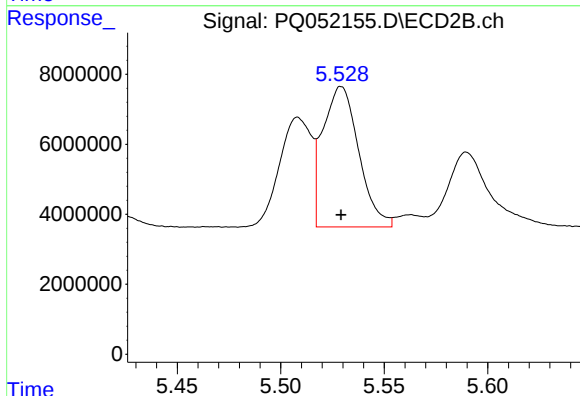
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 33817728
Conc: 152.56 ng/ml



#17 AR-1242-2

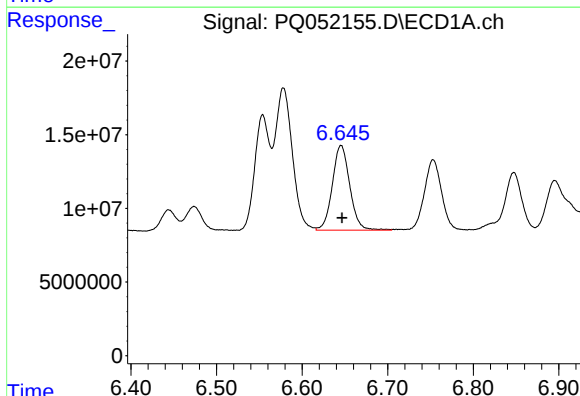
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 134937193
Conc: 140.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



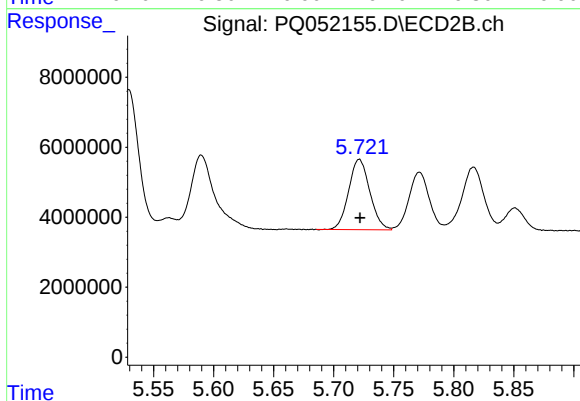
#17 AR-1242-2

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 48486799
Conc: 154.99 ng/ml



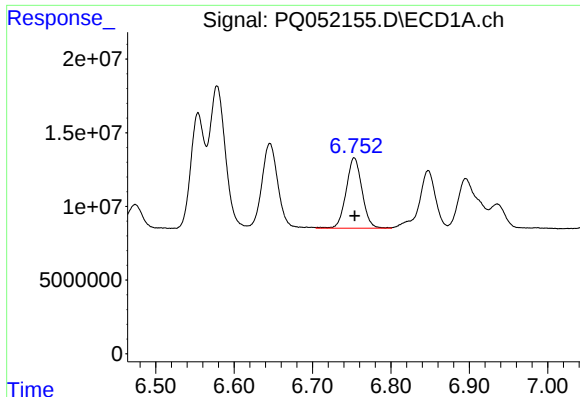
#18 AR-1242-3

R.T.: 6.646 min
Delta R.T.: -0.001 min
Response: 81514156
Conc: 139.61 ng/ml



#18 AR-1242-3

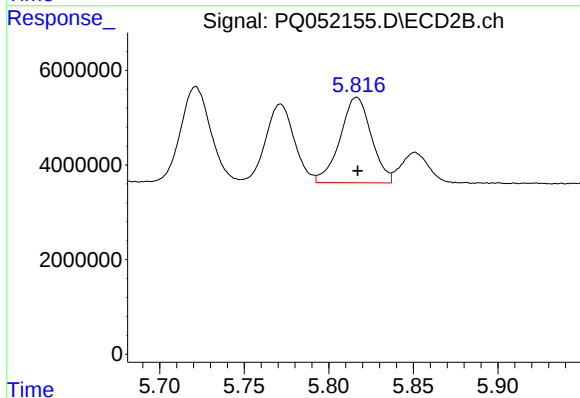
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 24593758
Conc: 152.06 ng/ml



#19 AR-1242-4

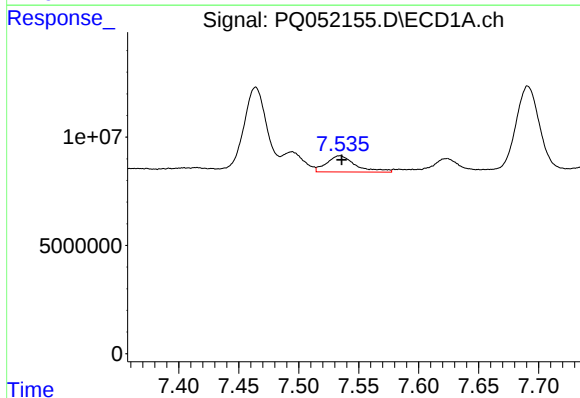
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 67000480
Conc: 137.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



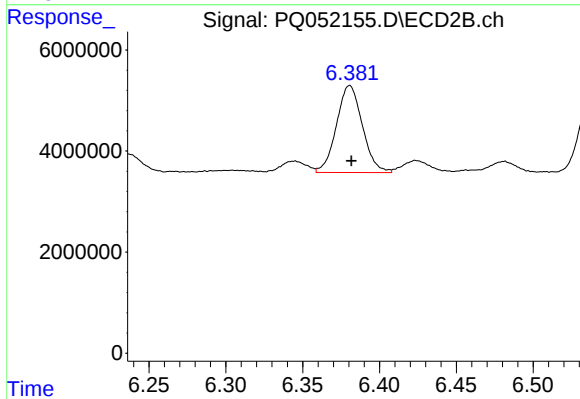
#19 AR-1242-4

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 23229984
Conc: 149.83 ng/ml



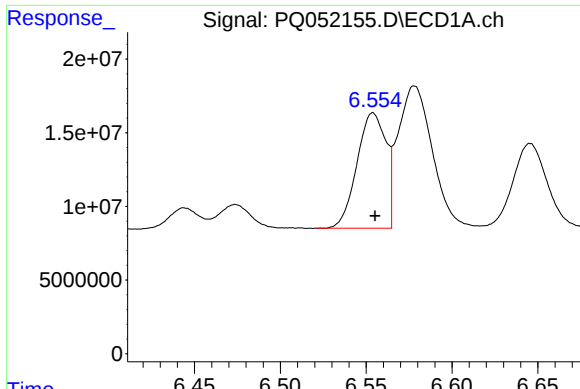
#20 AR-1242-5

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 12570167
Conc: 23.89 ng/ml



#20 AR-1242-5

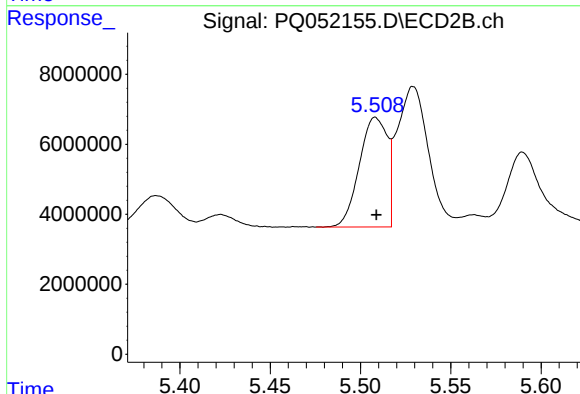
R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 20204430
Conc: 97.48 ng/ml



#21 AR-1248-1

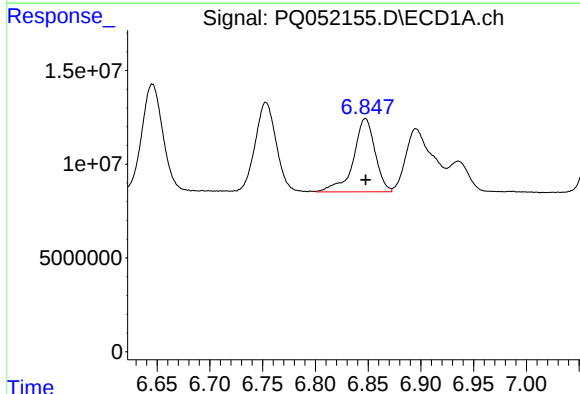
R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 91895402
Conc: 183.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



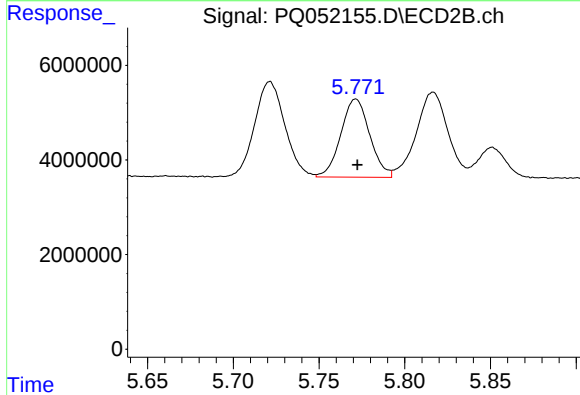
#21 AR-1248-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 33817728
Conc: 192.25 ng/ml



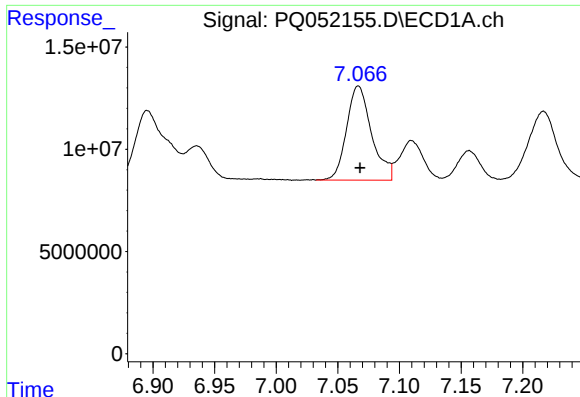
#22 AR-1248-2

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 55960038
Conc: 76.91 ng/ml



#22 AR-1248-2

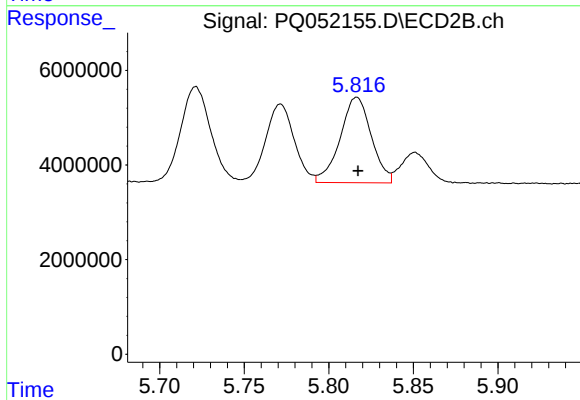
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 19414700
Conc: 82.29 ng/ml



#23 AR-1248-3

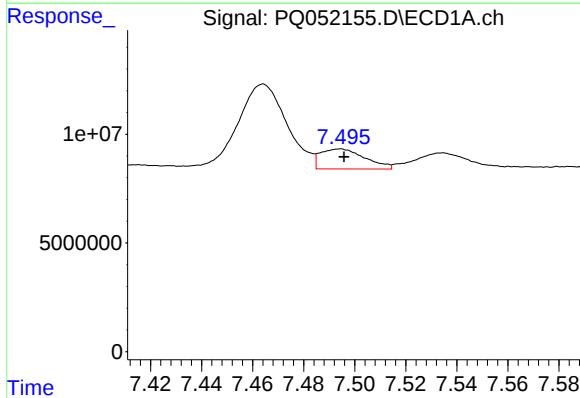
R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 65146252
Conc: 77.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



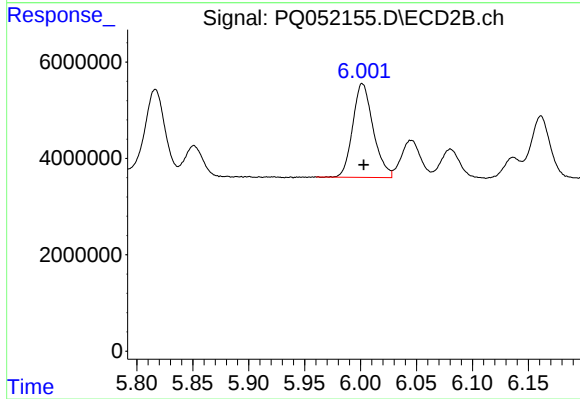
#23 AR-1248-3

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 23229984
Conc: 94.99 ng/ml



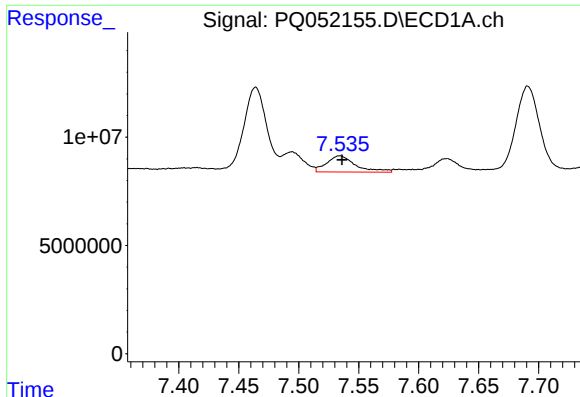
#24 AR-1248-4

R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 11184043
Conc: 11.35 ng/ml



#24 AR-1248-4

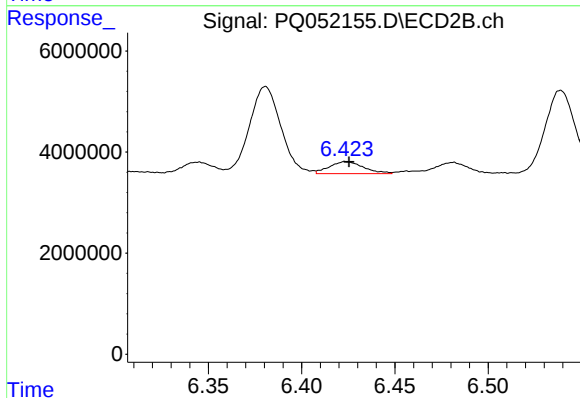
R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 24751402
Conc: 84.48 ng/ml



#25 AR-1248-5

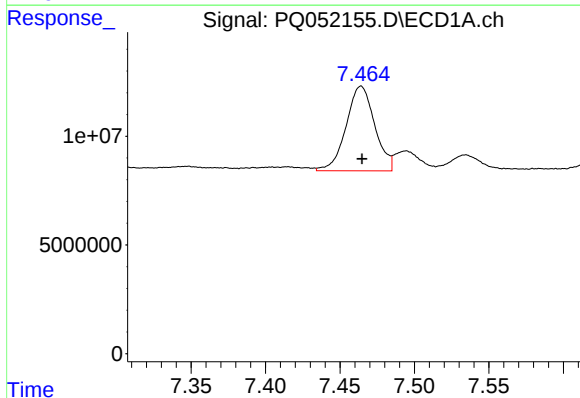
R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 12570167
Conc: 12.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



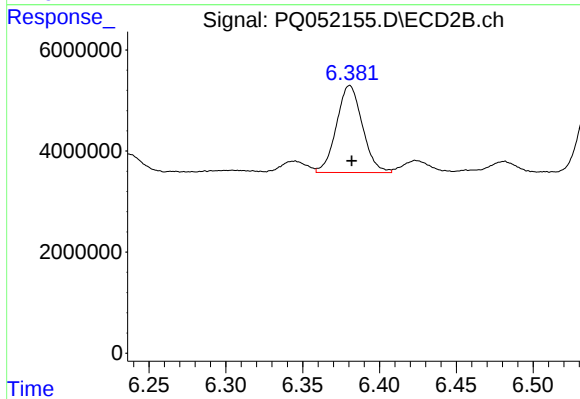
#25 AR-1248-5

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 3032652
Conc: 9.96 ng/ml



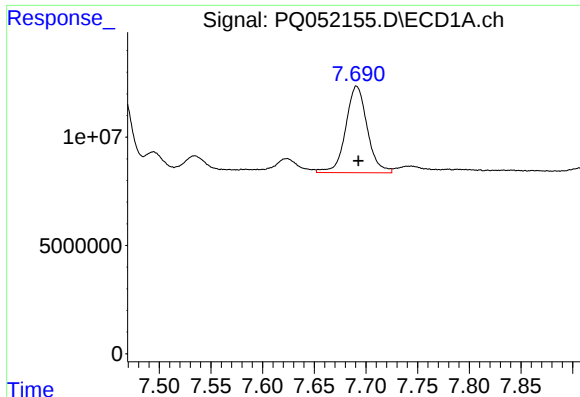
#26 AR-1254-1

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 52116738
Conc: 53.21 ng/ml



#26 AR-1254-1

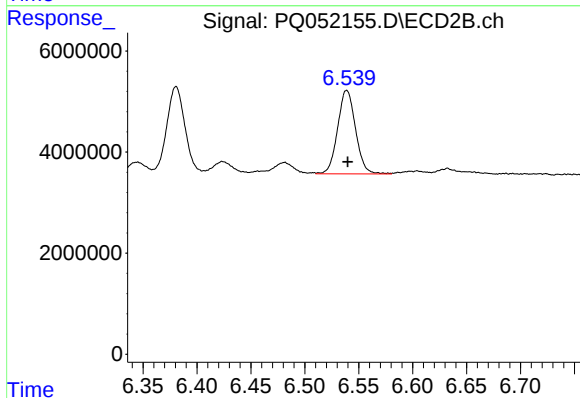
R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 20204430
Conc: 43.23 ng/ml



#27 AR-1254-2

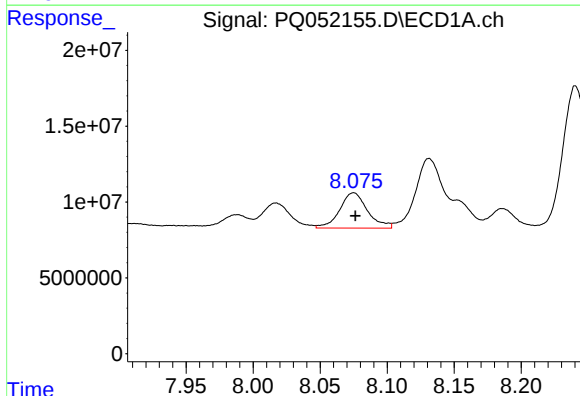
R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 57912136
Conc: 37.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



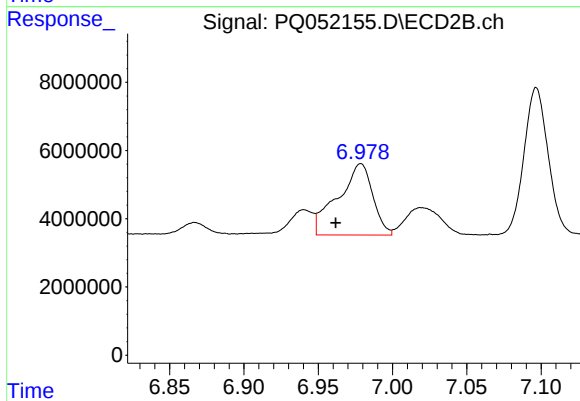
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: -0.001 min
Response: 19154379
Conc: 47.26 ng/ml



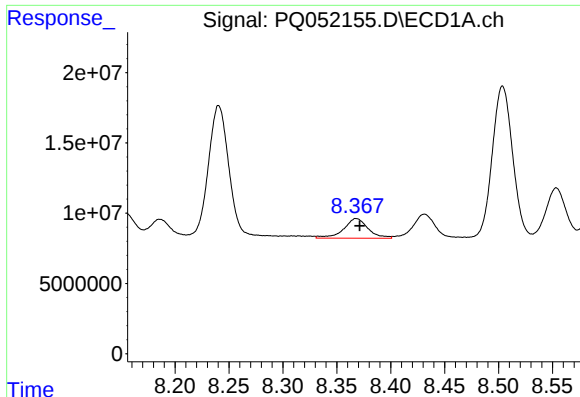
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 33641707
Conc: 19.80 ng/ml



#28 AR-1254-3

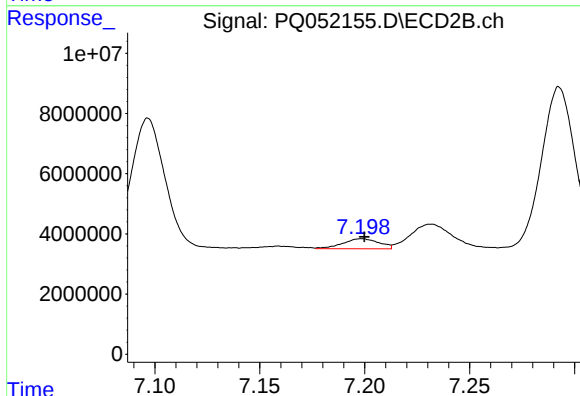
R.T.: 6.979 min
Delta R.T.: 0.017 min
Response: 34151043
Conc: 50.79 ng/ml



#29 AR-1254-4

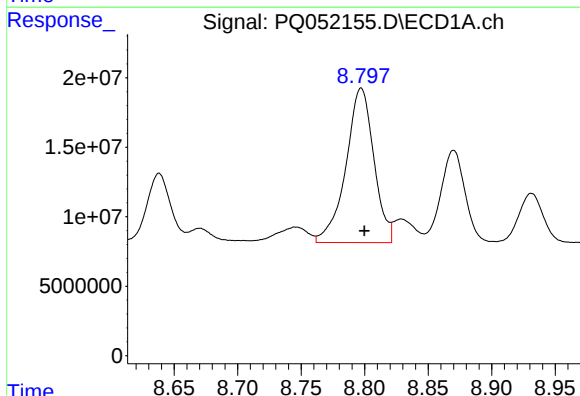
R.T.: 8.368 min
Delta R.T.: -0.003 min
Response: 21915105
Conc: 18.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



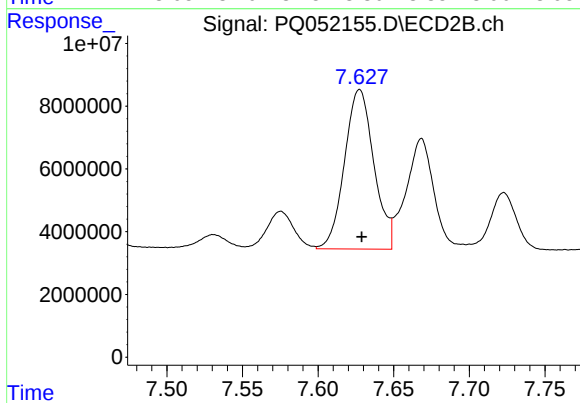
#29 AR-1254-4

R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 4040575
Conc: 9.91 ng/ml



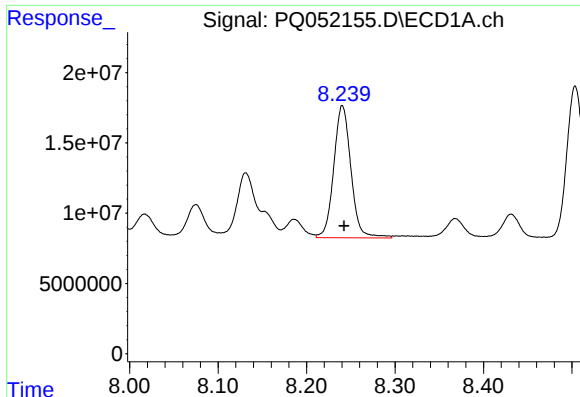
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: -0.002 min
Response: 170633390
Conc: 128.01 ng/ml



#30 AR-1254-5

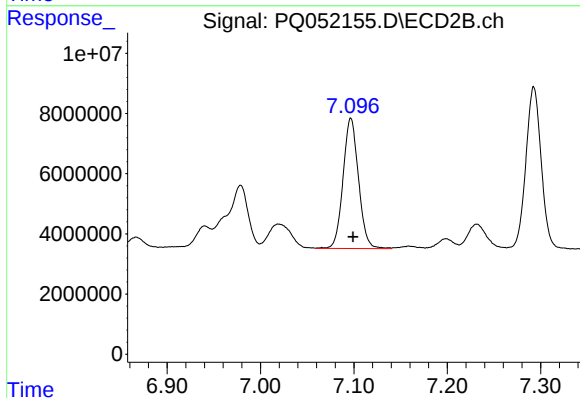
R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 68768884
Conc: 117.10 ng/ml



#31 AR-1260-1

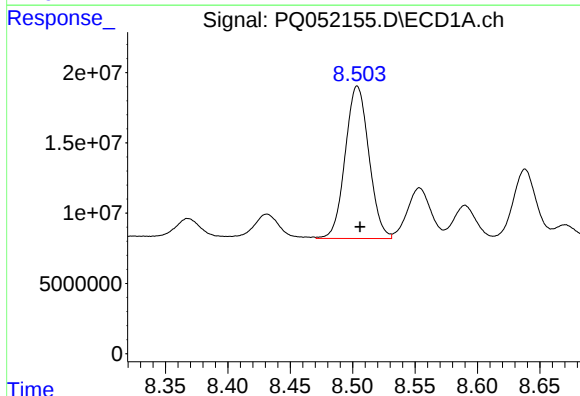
R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 126968044
Conc: 119.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



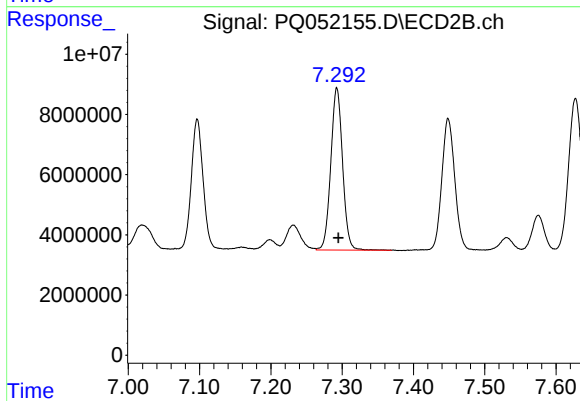
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 49808100
Conc: 134.88 ng/ml



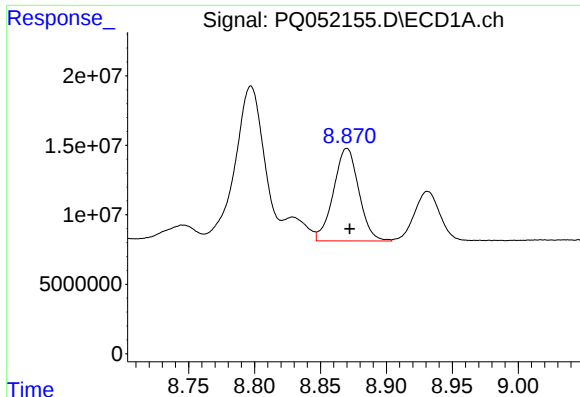
#32 AR-1260-2

R.T.: 8.504 min
Delta R.T.: -0.002 min
Response: 143428424
Conc: 113.18 ng/ml



#32 AR-1260-2

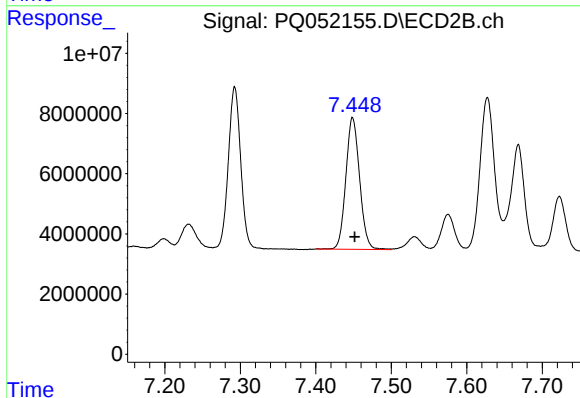
R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 61876375
Conc: 135.14 ng/ml



#33 AR-1260-3

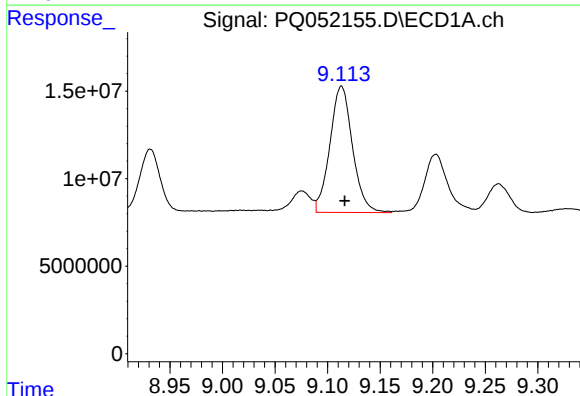
R.T.: 8.870 min
Delta R.T.: -0.002 min
Response: 89084876
Conc: 91.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



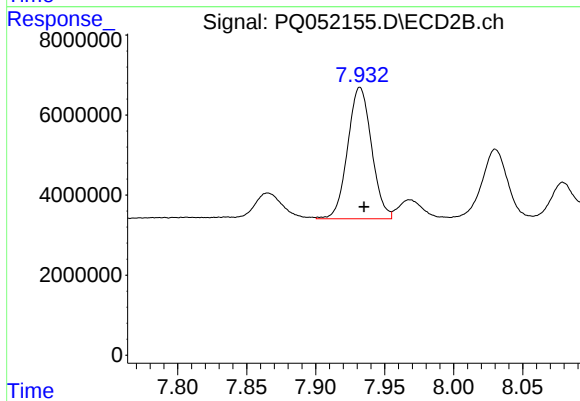
#33 AR-1260-3

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 55412334
Conc: 130.80 ng/ml



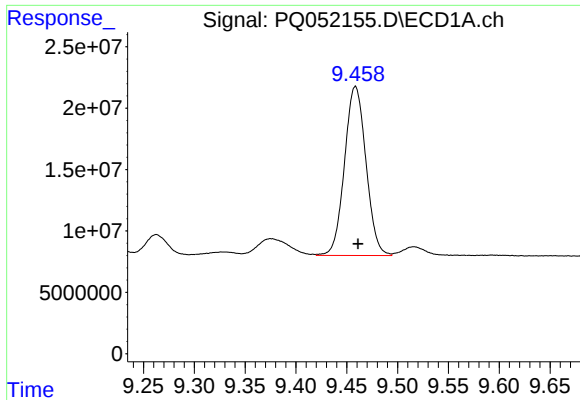
#34 AR-1260-4

R.T.: 9.113 min
Delta R.T.: -0.003 min
Response: 107981154
Conc: 96.52 ng/ml



#34 AR-1260-4

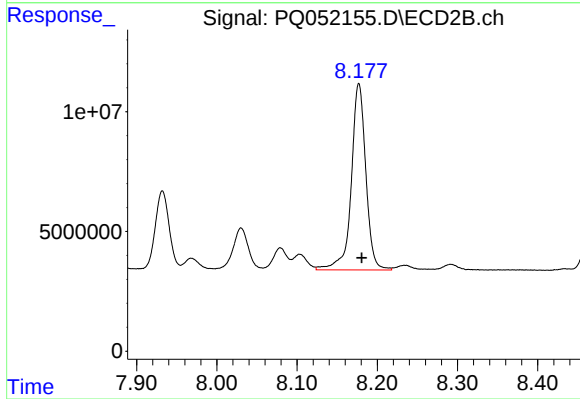
R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 39626079
Conc: 110.59 ng/ml



#35 AR-1260-5

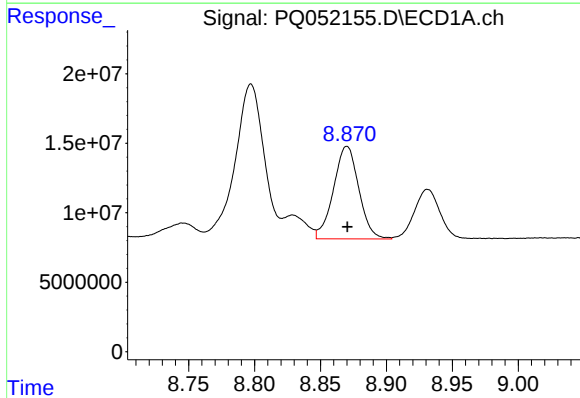
R.T.: 9.459 min
Delta R.T.: -0.003 min
Response: 202528411
Conc: 92.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



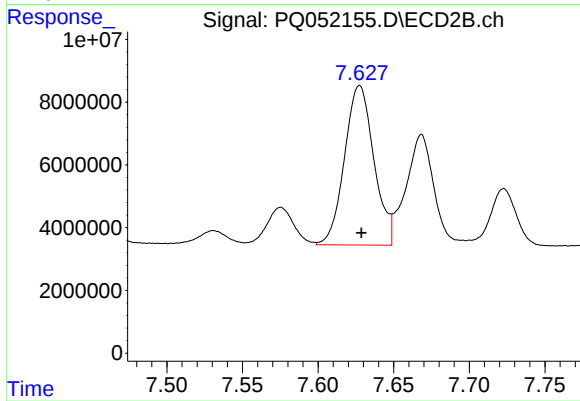
#35 AR-1260-5

R.T.: 8.177 min
Delta R.T.: -0.004 min
Response: 97983378
Conc: 115.29 ng/ml



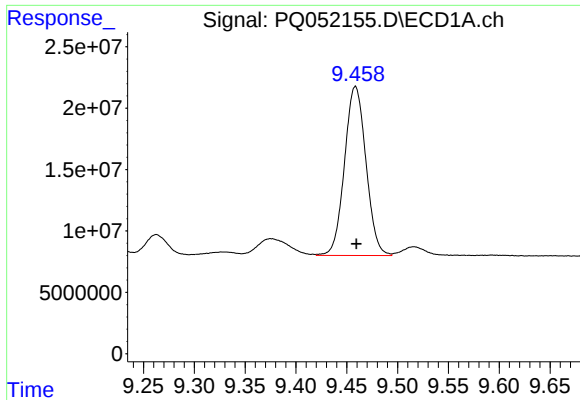
#36 AR-1262-1

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 89084876
Conc: 56.67 ng/ml



#36 AR-1262-1

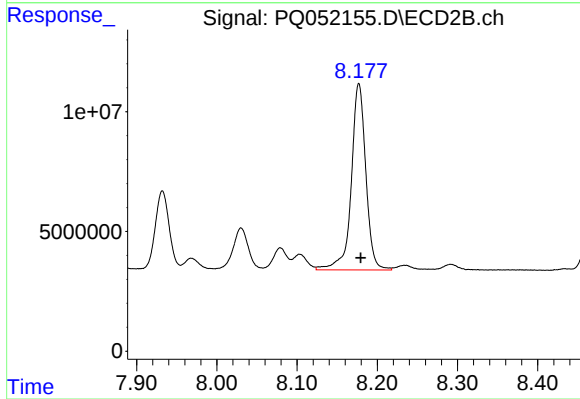
R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 68768884
Conc: 222.35 ng/ml



#37 AR-1262-2

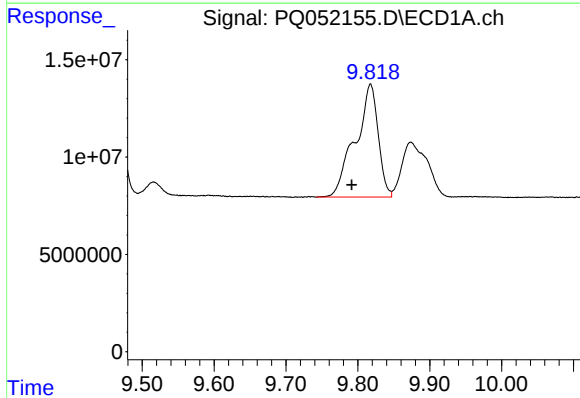
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 202528411
Conc: 70.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



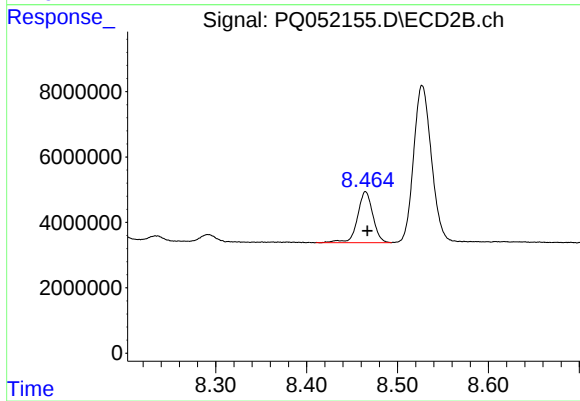
#37 AR-1262-2

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 97983378
Conc: 86.52 ng/ml



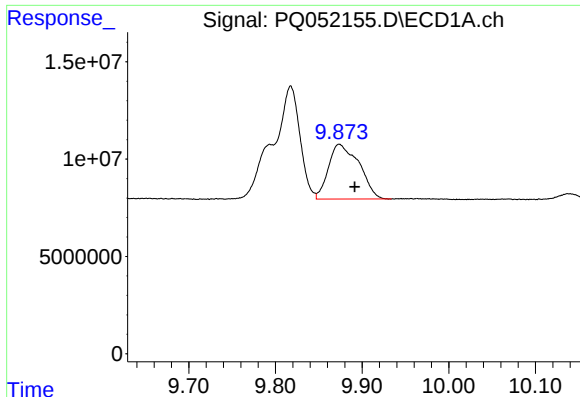
#38 AR-1262-3

R.T.: 9.818 min
Delta R.T.: 0.026 min
Response: 127887494
Conc: 67.22 ng/ml



#38 AR-1262-3

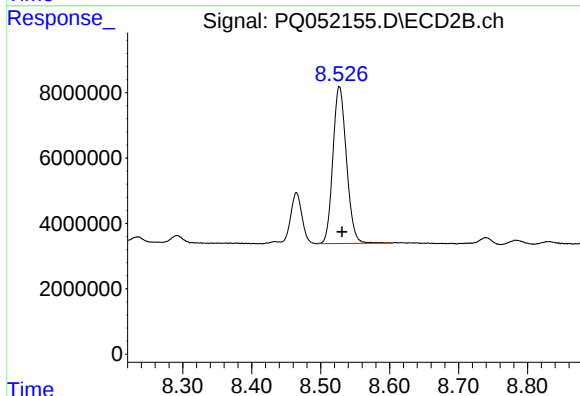
R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 18222472
Conc: 41.28 ng/ml



#39 AR-1262-4

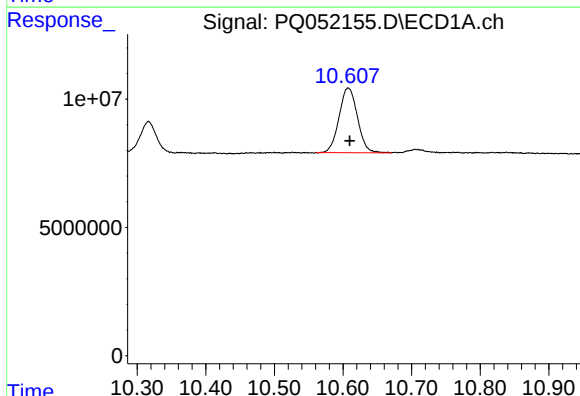
R.T.: 9.874 min
Delta R.T.: -0.018 min
Response: 69043021
Conc: 47.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



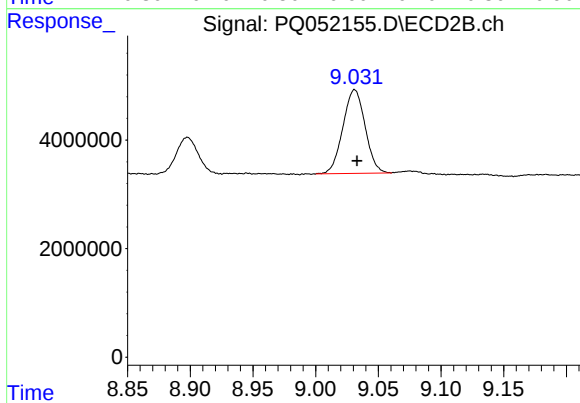
#39 AR-1262-4

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 65601732
Conc: 79.35 ng/ml



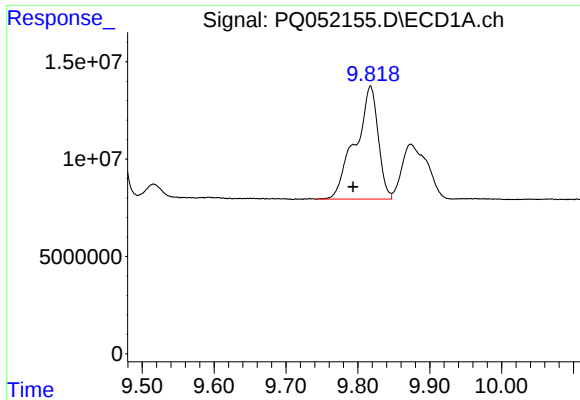
#40 AR-1262-5

R.T.: 10.608 min
Delta R.T.: -0.002 min
Response: 46751547
Conc: 48.01 ng/ml



#40 AR-1262-5

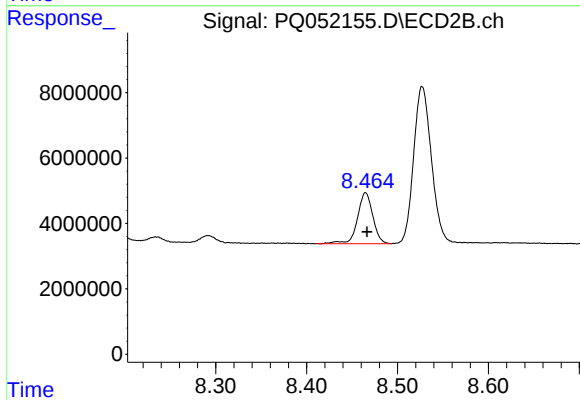
R.T.: 9.031 min
Delta R.T.: -0.002 min
Response: 19041640
Conc: 53.33 ng/ml



#41 AR-1268-1

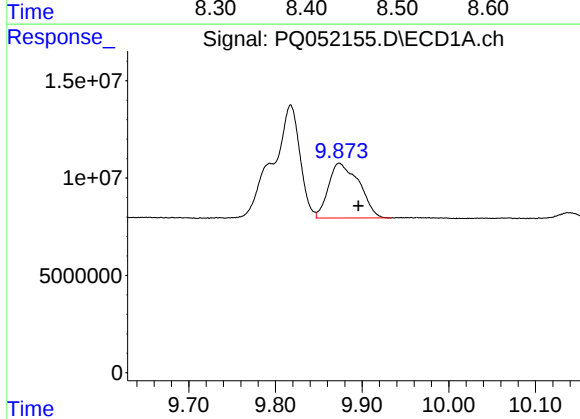
R.T.: 9.818 min
Delta R.T.: 0.024 min
Response: 127887494
Conc: 36.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



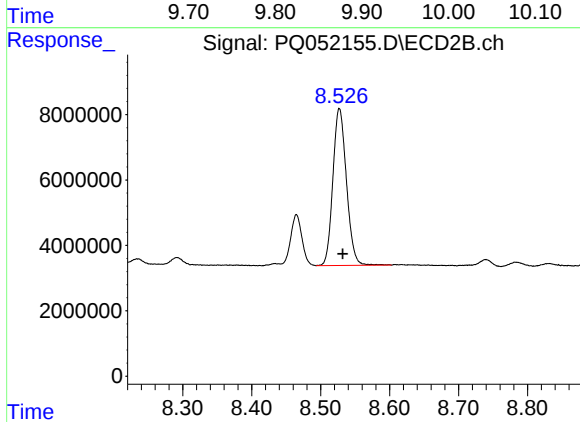
#41 AR-1268-1

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 18222472
Conc: 13.45 ng/ml



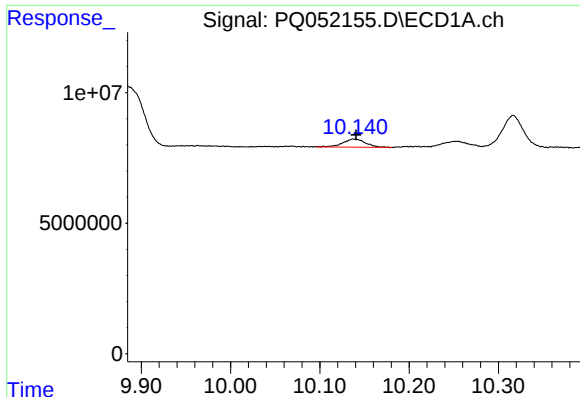
#42 AR-1268-2

R.T.: 9.874 min
Delta R.T.: -0.022 min
Response: 69043021
Conc: 21.60 ng/ml



#42 AR-1268-2

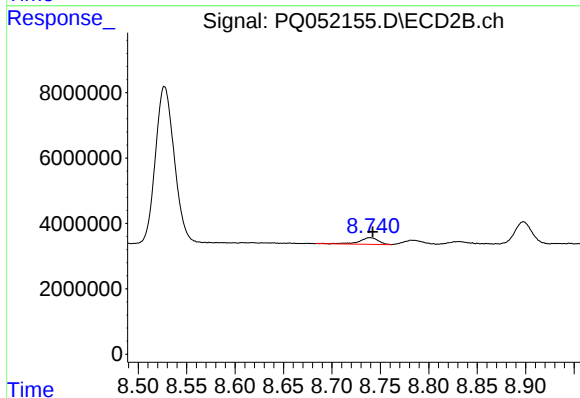
R.T.: 8.527 min
Delta R.T.: -0.005 min
Response: 65601732
Conc: 51.75 ng/ml



#43 AR-1268-3

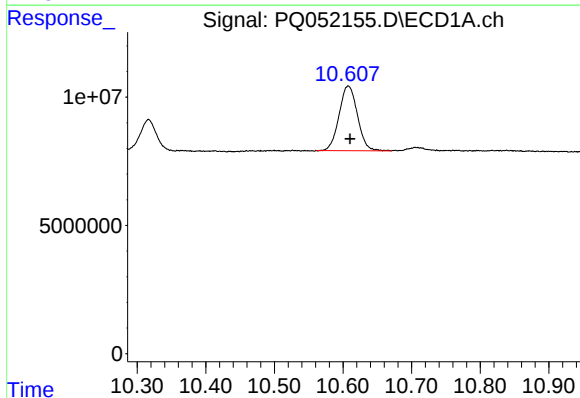
R.T.: 10.138 min
Delta R.T.: -0.003 min
Response: 5536082
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



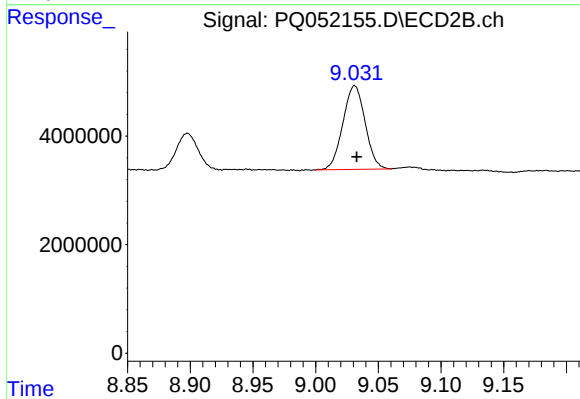
#43 AR-1268-3

R.T.: 8.739 min
Delta R.T.: -0.003 min
Response: 2776475
Conc: 2.55 ng/ml



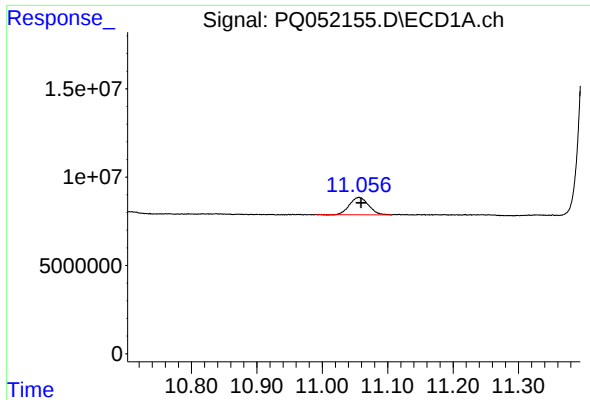
#44 AR-1268-4

R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 46751547
Conc: 42.01 ng/ml



#44 AR-1268-4

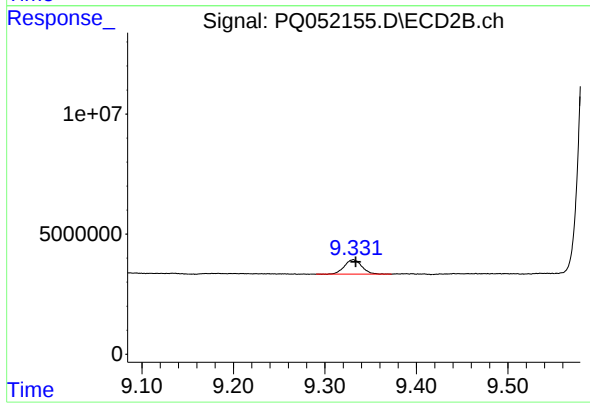
R.T.: 9.031 min
Delta R.T.: -0.002 min
Response: 19041640
Conc: 46.38 ng/ml



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: -0.003 min
Response: 19769920
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: -0.003 min
Response: 7989897
Conc: 2.42 ng/ml