

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101521\
 Data File : PQ054991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2021 16:53
 Operator : AJ\MA
 Sample : PB139941BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 05:10:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 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...	5.195	4.199	453.9E6	194.5E6	19.599	17.752
2)	SA Decachlor...	11.355	9.523	685.1E6	504.6E6	38.306	35.658
Target Compounds							
3)	L1 AR-1016-1	6.521	5.459	72063183	32416389	102.210	88.858
4)	L1 AR-1016-2	6.546	5.479	119.4E6	61641063	104.314	93.413
5)	L1 AR-1016-3	6.612	5.672	72285727	26915361	105.662	90.422
6)	L1 AR-1016-4	6.720	5.721	54263161	23542008	100.306	93.019
7)	L1 AR-1016-5	7.030	5.951	53022869	28389587	100.491	89.068
8)	L2 AR-1221-1	5.441	4.457	3542173	2332201	13.524	20.131 #
9)	L2 AR-1221-2	5.566	4.557	23208518	4763045	131.064	59.469 #
10)	L2 AR-1221-3	5.635	4.646	36530969	22783361	63.361	74.442
11)	L3 AR-1232-1	5.635	4.646	36530969	22783361	81.554	92.846
12)	L3 AR-1232-2	6.223	5.479	58124560	61641063	237.738	223.460
13)	L3 AR-1232-3	6.546	5.672	119.4E6	26915361	247.893	219.402
14)	L3 AR-1232-4	6.720	5.766	54263161	27589834	239.896	248.036
15)	L3 AR-1232-5	6.810	5.951	47133294	28389587	284.184	229.110
16)	L4 AR-1242-1	6.521	5.459	72063183	32416389	122.330	103.968
17)	L4 AR-1242-2	6.546	5.479	119.4E6	61641063	125.040	112.271
18)	L4 AR-1242-3	6.612	5.672	72285727	26915361	125.202	106.523
19)	L4 AR-1242-4	6.720	5.766	54263161	27589834	118.819	110.328
20)	L4 AR-1242-5	7.503	6.329	7108592	24251226	13.661	69.172 #
21)	L5 AR-1248-1	6.521	5.459	72063183	32416389	168.510	140.799
22)	L5 AR-1248-2	6.810	5.721	47133294	23542008	72.754	65.470
23)	L5 AR-1248-3	7.030	5.766	53022869	27589834	71.912	74.354
24)	L5 AR-1248-4	7.461	5.951	7698508	28389587	8.921	63.076 #
25)	L5 AR-1248-5	7.503	6.375	7108592	3115379	8.064	6.397
26)	L6 AR-1254-1	7.427	6.329	38261330	24251226	46.368	33.293 #
27)	L6 AR-1254-2	7.654	6.488	43387256	24025319	33.642	37.308
28)	L6 AR-1254-3	8.039	6.925	22590024	45119986	16.220	43.267 #
29)	L6 AR-1254-4	8.333	7.148	14366351	4194778	14.090	5.960 #
30)	L6 AR-1254-5	8.761	7.574	138.6E6	99433222	127.388	96.705
31)	L7 AR-1260-1	8.203	7.044	97059237	65946505	110.956	101.436
32)	L7 AR-1260-2	8.466	7.241	130.8E6	93829211	116.849	104.442
33)	L7 AR-1260-3	8.761	7.396	138.6E6	86891038	113.201	106.419
34)	L7 AR-1260-4	9.073	7.877	88879094	58206506	97.176	84.931
35)	L7 AR-1260-5	9.416	8.124	169.5E6	163.8E6	93.777	85.164
36)	L8 AR-1262-1	8.832	7.574	71820216	99433222	56.671	179.985 #
37)	L8 AR-1262-2	9.416	8.124	169.5E6	163.8E6	72.730	67.876
38)	L8 AR-1262-3	9.747	8.410	31786034	34387137	32.223	35.558
39)	L8 AR-1262-4	9.827	8.473	62261197	112.5E6	95.357	67.503 #
40)	L8 AR-1262-5	10.556	8.975	46476967	38473932	53.605	48.969
41)	L9 AR-1268-1	9.747	8.410	31786034	34387137	12.030	11.919

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101521\
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 Acq On : 15 Oct 2021 16:53
 Operator : AJ\MA
 Sample : PB139941BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

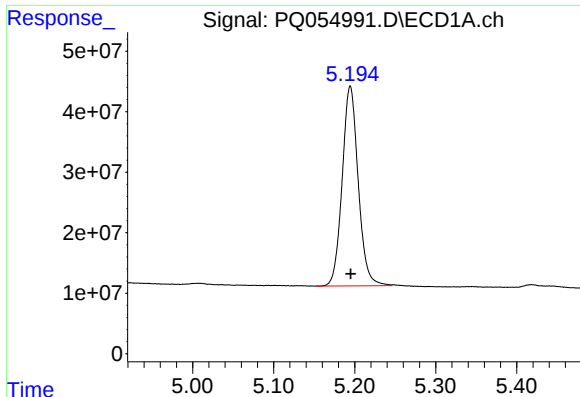
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 05:10:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 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
42) L9	AR-1268-2	9.827	8.473	62261197	112.5E6	25.210	45.373 #
43) L9	AR-1268-3	10.089	8.680	5157823	6696290	2.473	3.112 #
44) L9	AR-1268-4	10.556	8.975	46476967	38473932	49.412	44.553
45) L9	AR-1268-5	10.996	9.269	20371219	12962627	2.863	2.062 #

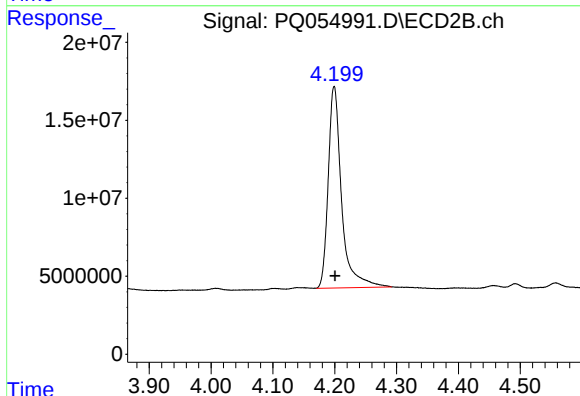
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

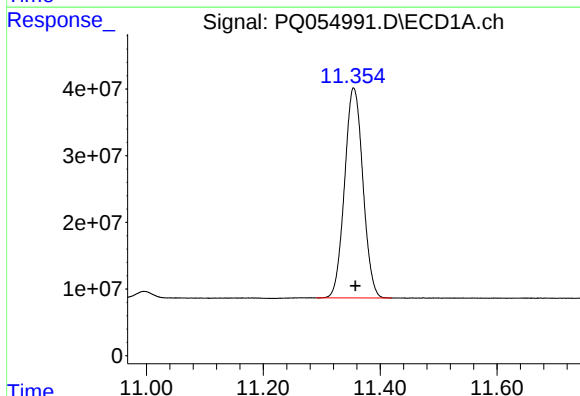
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 453899461
Conc: 19.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



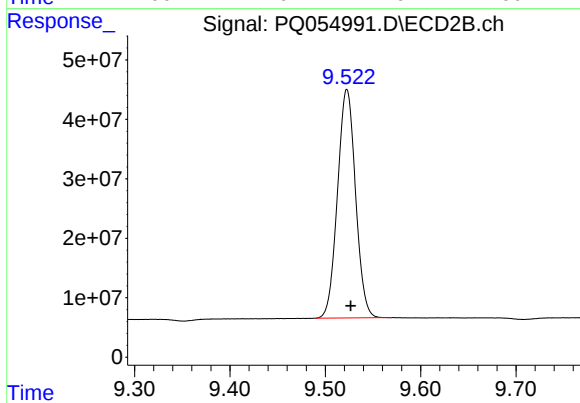
#1 Tetrachloro-m-xylene

R.T.: 4.199 min
Delta R.T.: -0.002 min
Response: 194486211
Conc: 17.75 ng/ml



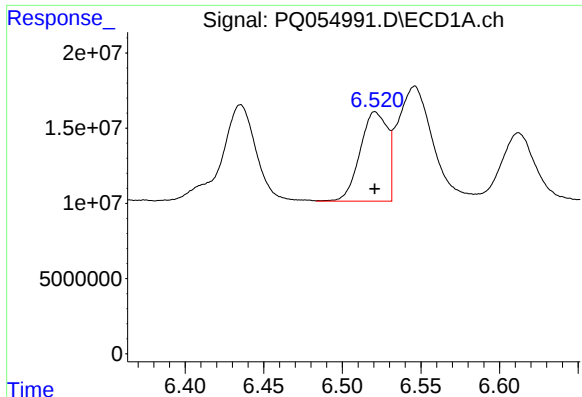
#2 Decachlorobiphenyl

R.T.: 11.355 min
Delta R.T.: -0.003 min
Response: 685103282
Conc: 38.31 ng/ml



#2 Decachlorobiphenyl

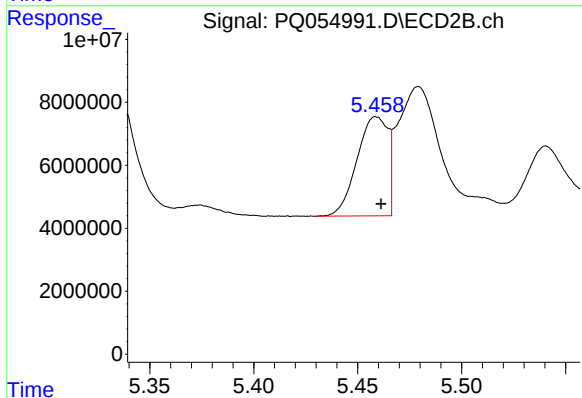
R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 504612469
Conc: 35.66 ng/ml



#3 AR-1016-1

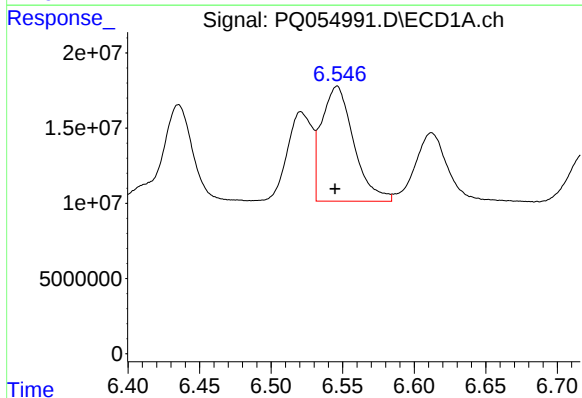
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 72063183
Conc: 102.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



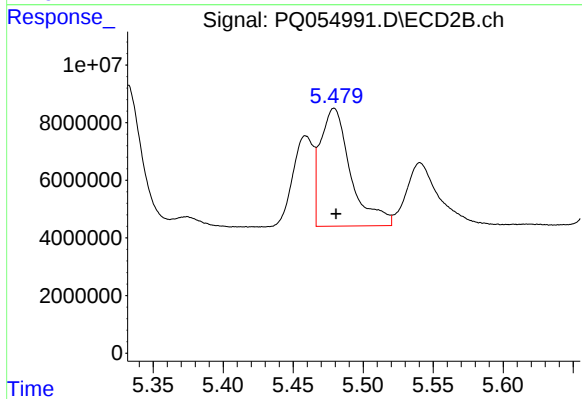
#3 AR-1016-1

R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 32416389
Conc: 88.86 ng/ml



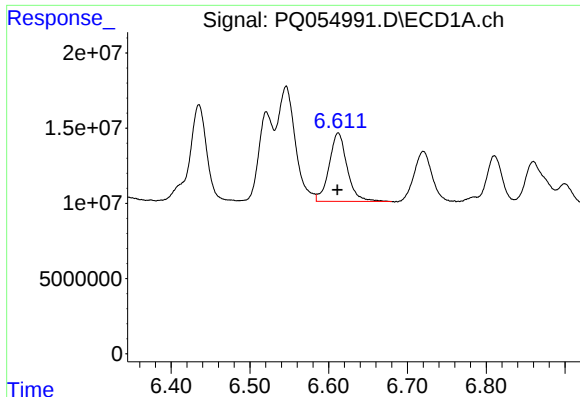
#4 AR-1016-2

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 119446359
Conc: 104.31 ng/ml



#4 AR-1016-2

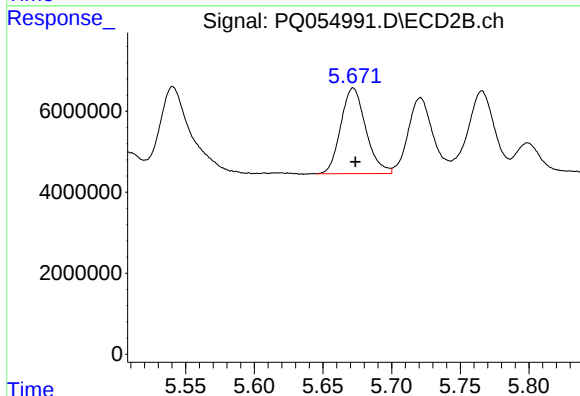
R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 61641063
Conc: 93.41 ng/ml



#5 AR-1016-3

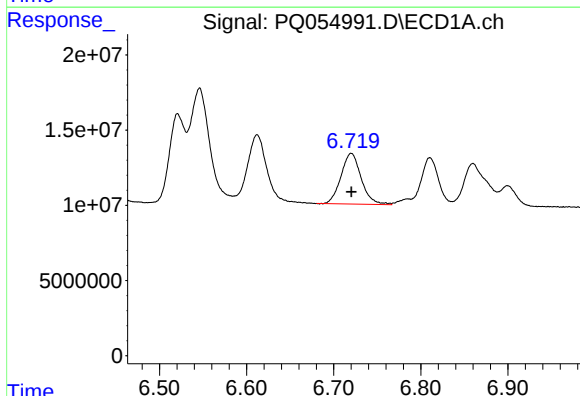
R.T.: 6.612 min
Delta R.T.: 0.001 min
Response: 72285727
Conc: 105.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



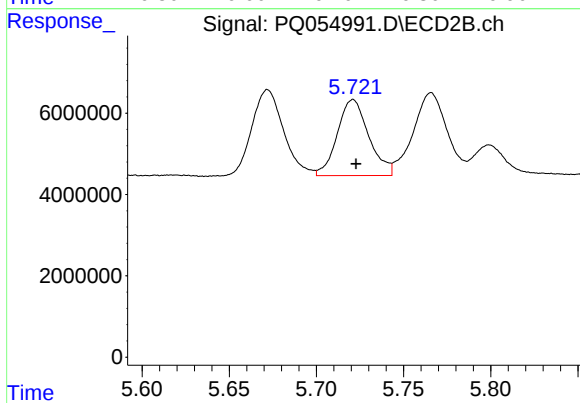
#5 AR-1016-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 26915361
Conc: 90.42 ng/ml



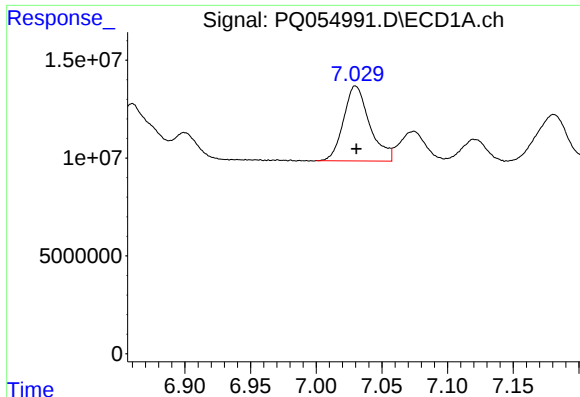
#6 AR-1016-4

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 54263161
Conc: 100.31 ng/ml



#6 AR-1016-4

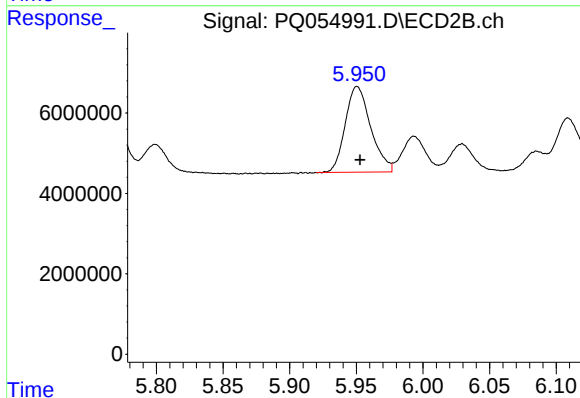
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 23542008
Conc: 93.02 ng/ml



#7 AR-1016-5

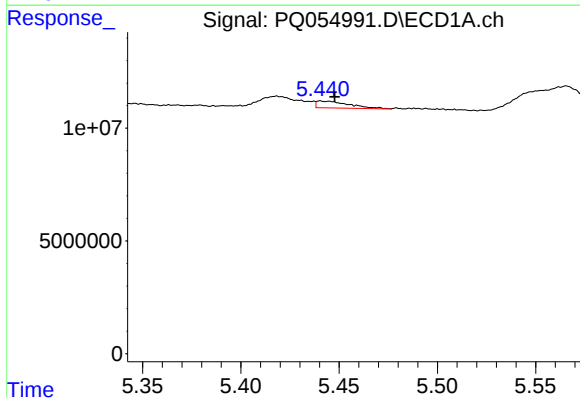
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 53022869
Conc: 100.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



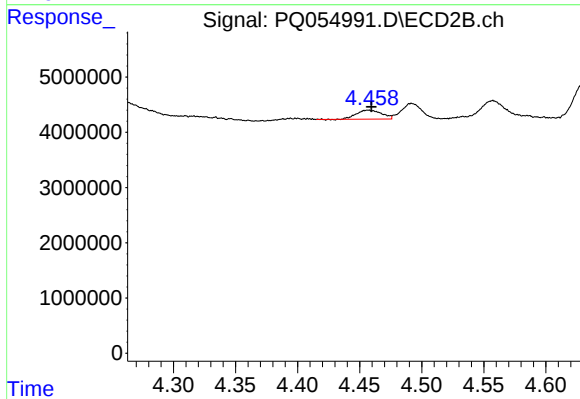
#7 AR-1016-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 28389587
Conc: 89.07 ng/ml



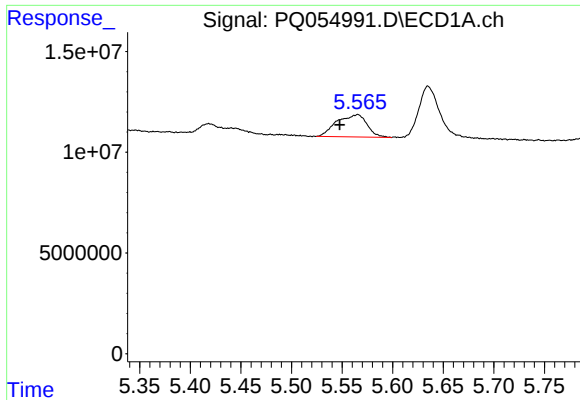
#8 AR-1221-1

R.T.: 5.441 min
Delta R.T.: -0.007 min
Response: 3542173
Conc: 13.52 ng/ml



#8 AR-1221-1

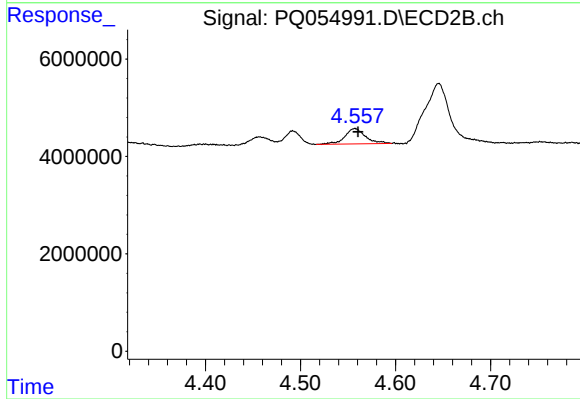
R.T.: 4.457 min
Delta R.T.: -0.003 min
Response: 2332201
Conc: 20.13 ng/ml



#9 AR-1221-2

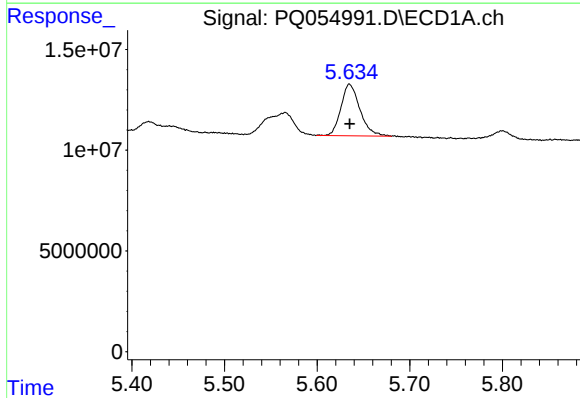
R.T.: 5.566 min
Delta R.T.: 0.018 min
Response: 23208518
Conc: 131.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



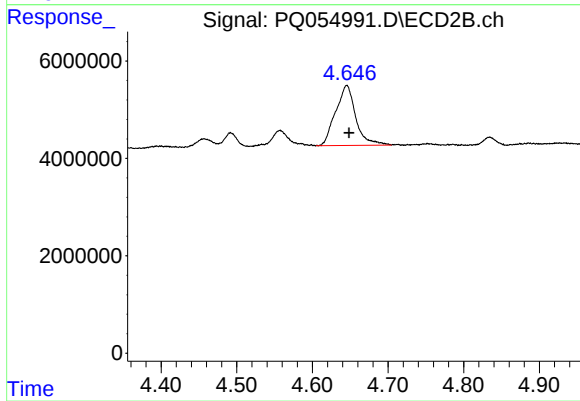
#9 AR-1221-2

R.T.: 4.557 min
Delta R.T.: -0.003 min
Response: 4763045
Conc: 59.47 ng/ml



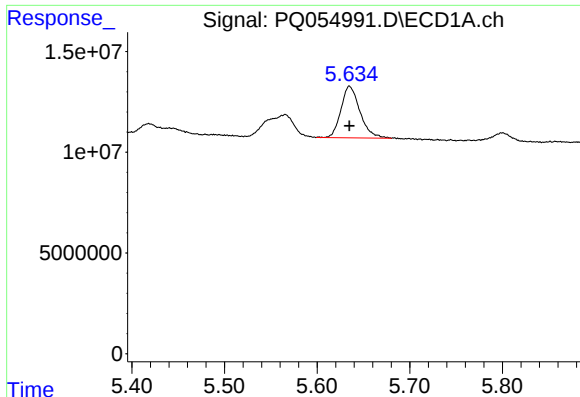
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 36530969
Conc: 63.36 ng/ml



#10 AR-1221-3

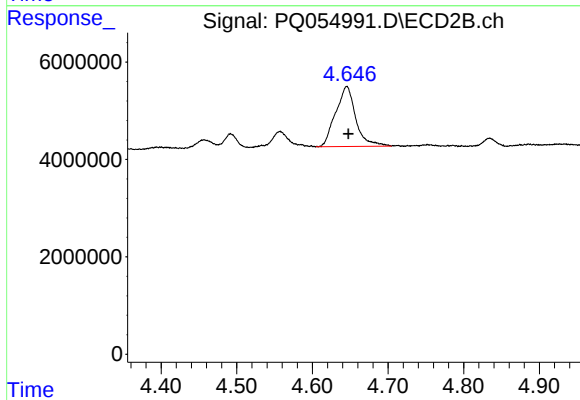
R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 22783361
Conc: 74.44 ng/ml



#11 AR-1232-1

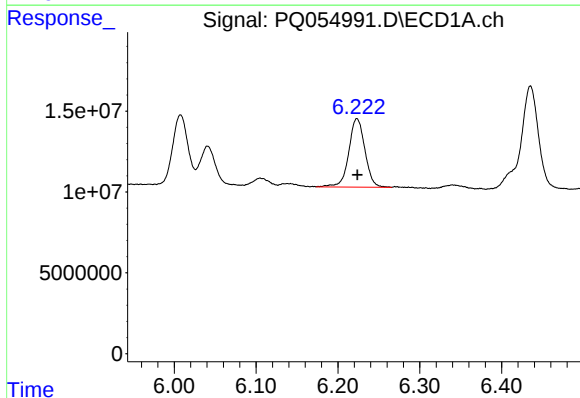
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 36530969
Conc: 81.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



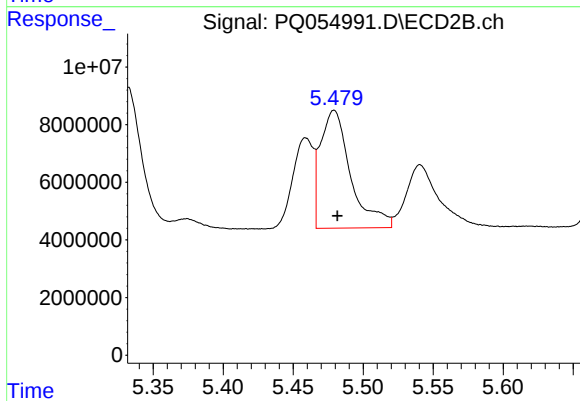
#11 AR-1232-1

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 22783361
Conc: 92.85 ng/ml



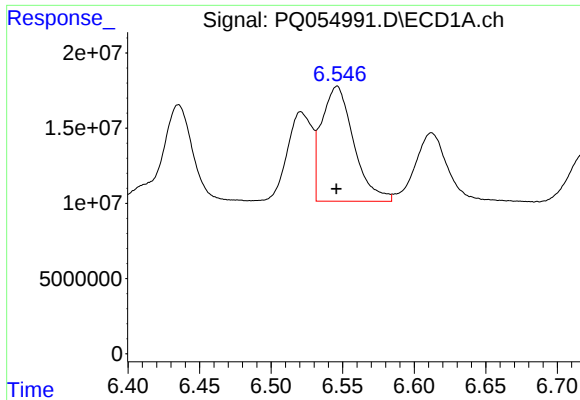
#12 AR-1232-2

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 58124560
Conc: 237.74 ng/ml



#12 AR-1232-2

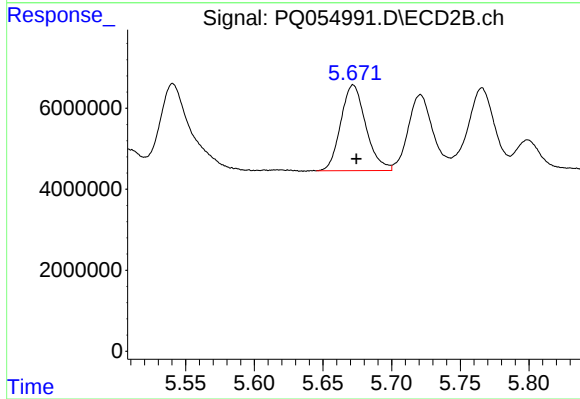
R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 61641063
Conc: 223.46 ng/ml



#13 AR-1232-3

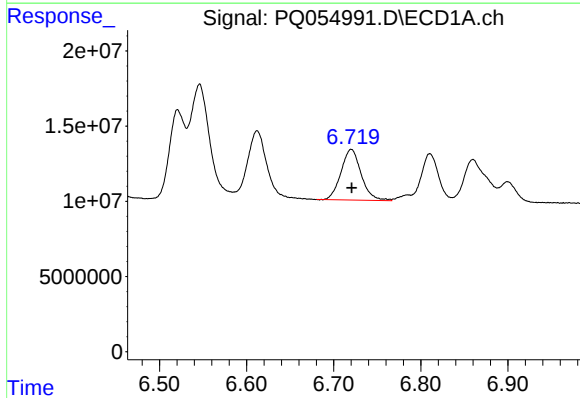
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 119446359
Conc: 247.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



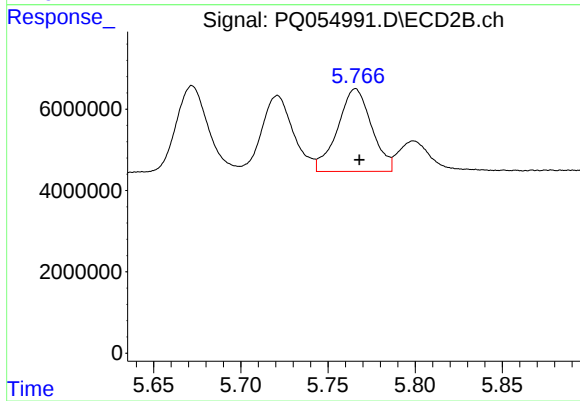
#13 AR-1232-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 26915361
Conc: 219.40 ng/ml



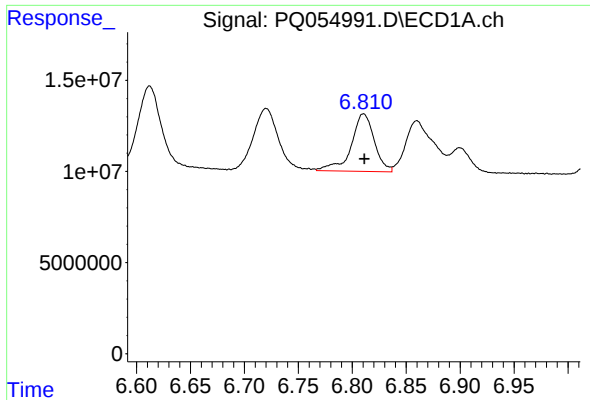
#14 AR-1232-4

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 54263161
Conc: 239.90 ng/ml



#14 AR-1232-4

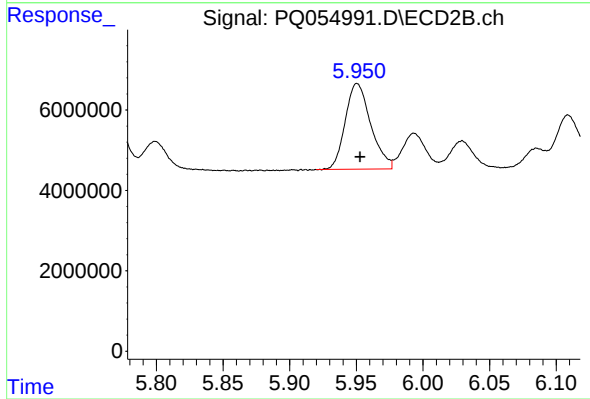
R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 27589834
Conc: 248.04 ng/ml



#15 AR-1232-5

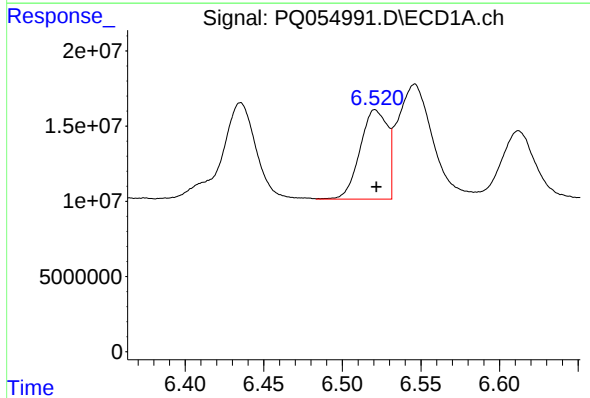
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 47133294
Conc: 284.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



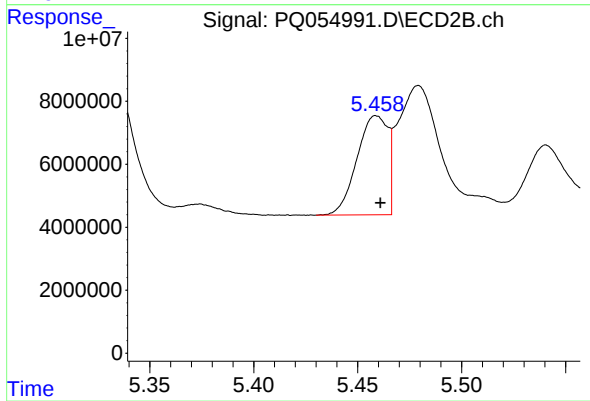
#15 AR-1232-5

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 28389587
Conc: 229.11 ng/ml



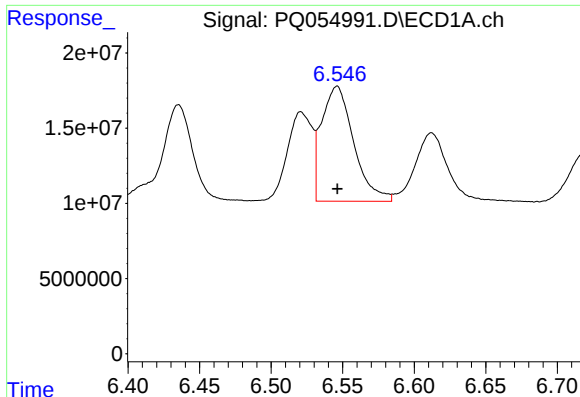
#16 AR-1242-1

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 72063183
Conc: 122.33 ng/ml



#16 AR-1242-1

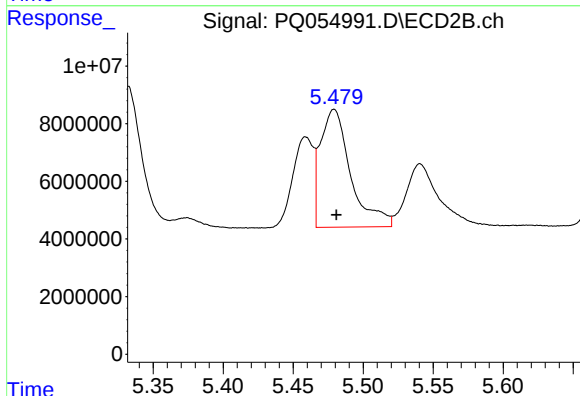
R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 32416389
Conc: 103.97 ng/ml



#17 AR-1242-2

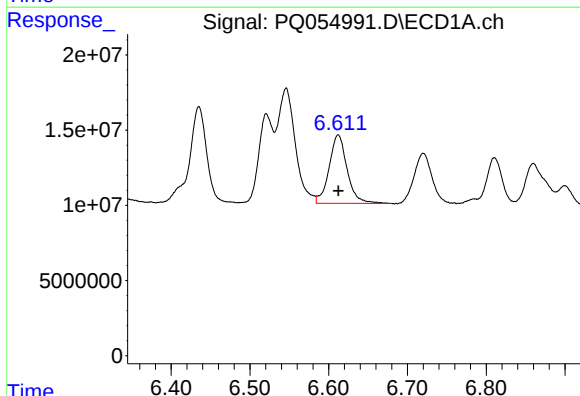
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 119446359
Conc: 125.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



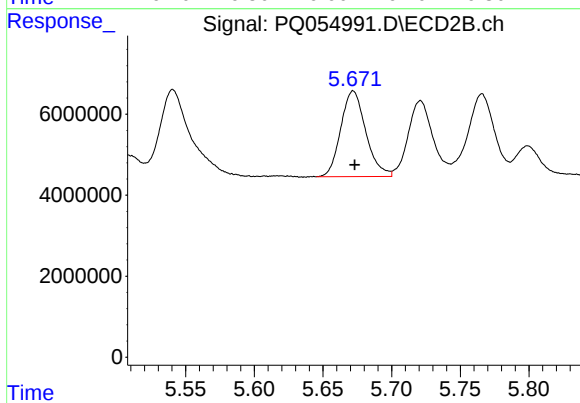
#17 AR-1242-2

R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 61641063
Conc: 112.27 ng/ml



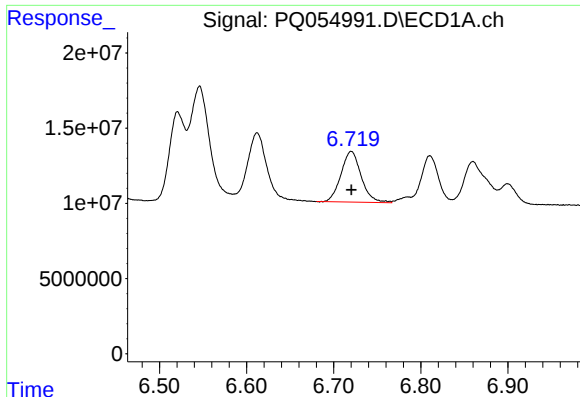
#18 AR-1242-3

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 72285727
Conc: 125.20 ng/ml



#18 AR-1242-3

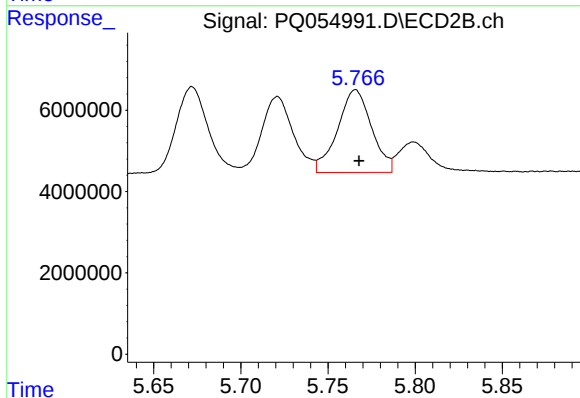
R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 26915361
Conc: 106.52 ng/ml



#19 AR-1242-4

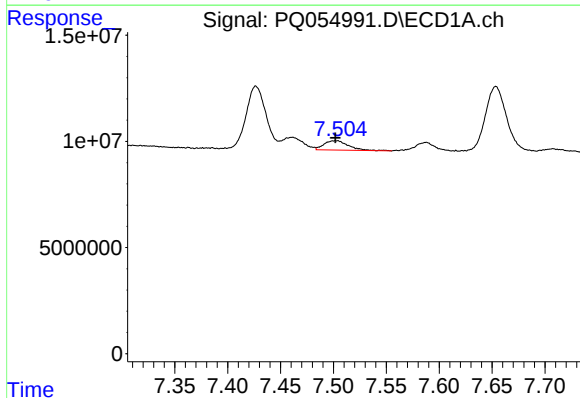
R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 54263161
Conc: 118.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



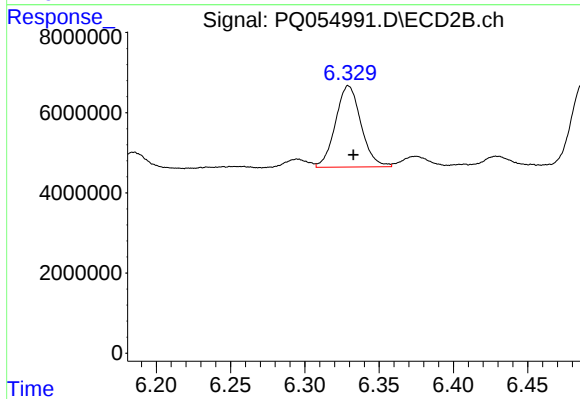
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 27589834
Conc: 110.33 ng/ml



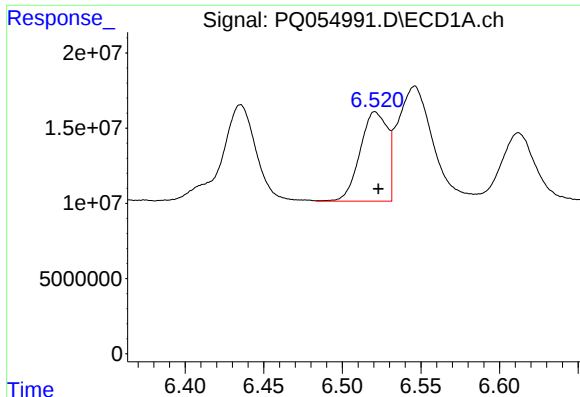
#20 AR-1242-5

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 7108592
Conc: 13.66 ng/ml



#20 AR-1242-5

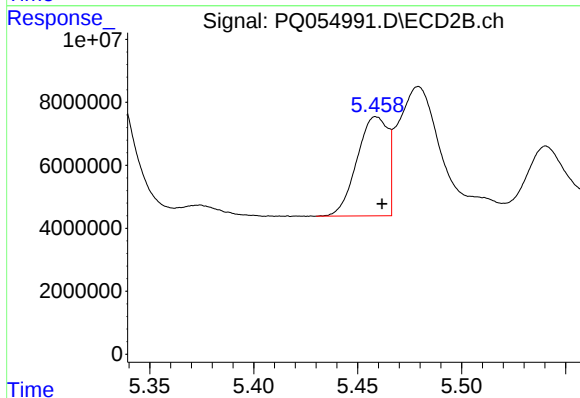
R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 24251226
Conc: 69.17 ng/ml



#21 AR-1248-1

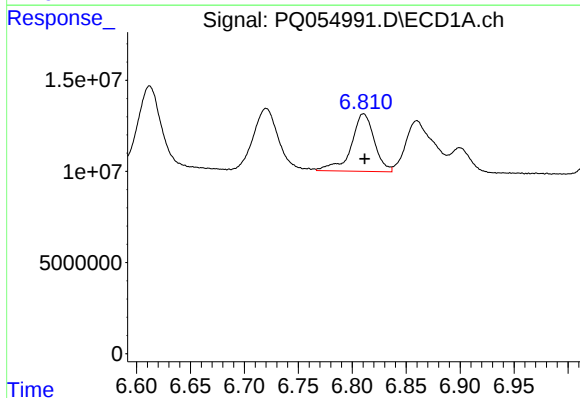
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 72063183
Conc: 168.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



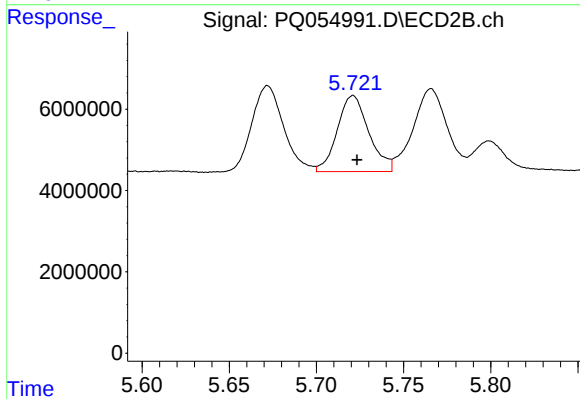
#21 AR-1248-1

R.T.: 5.459 min
Delta R.T.: -0.003 min
Response: 32416389
Conc: 140.80 ng/ml



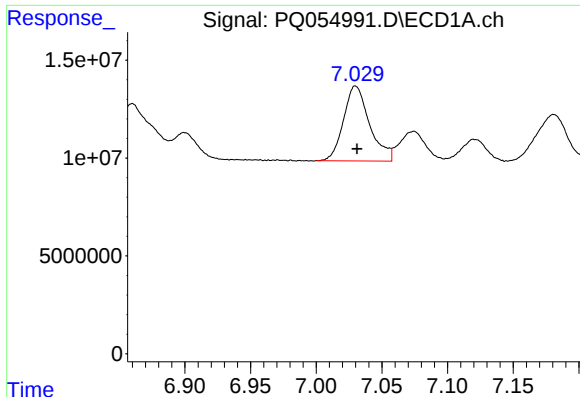
#22 AR-1248-2

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 47133294
Conc: 72.75 ng/ml



#22 AR-1248-2

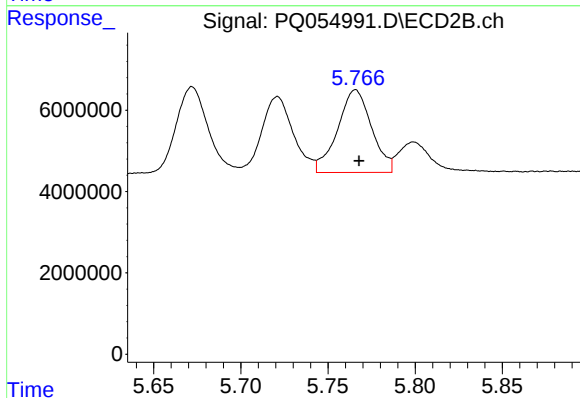
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 23542008
Conc: 65.47 ng/ml



#23 AR-1248-3

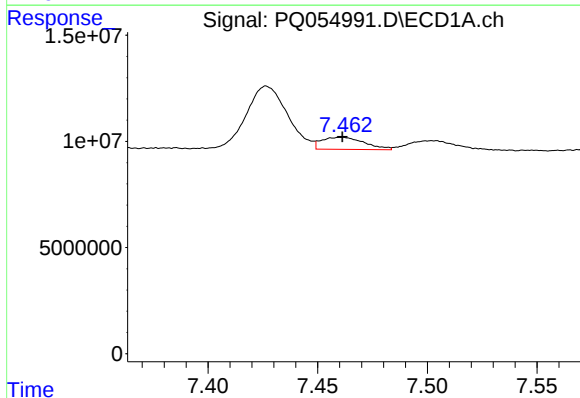
R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 53022869
Conc: 71.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



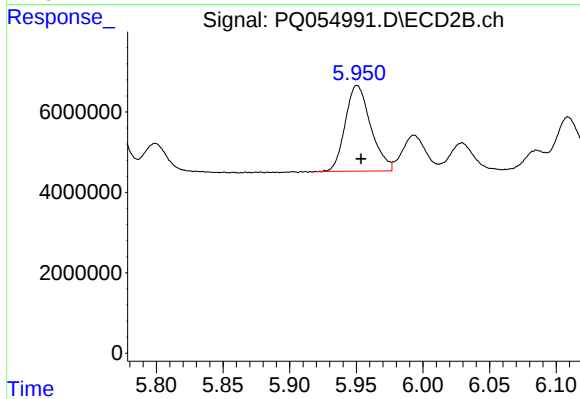
#23 AR-1248-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 27589834
Conc: 74.35 ng/ml



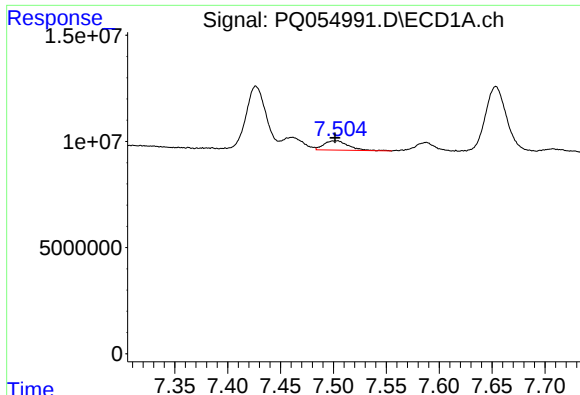
#24 AR-1248-4

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 7698508
Conc: 8.92 ng/ml



#24 AR-1248-4

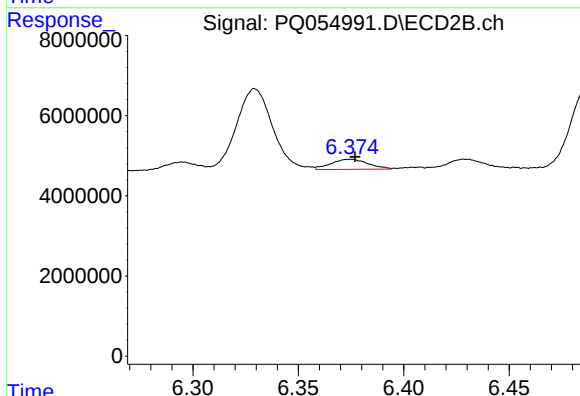
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 28389587
Conc: 63.08 ng/ml



#25 AR-1248-5

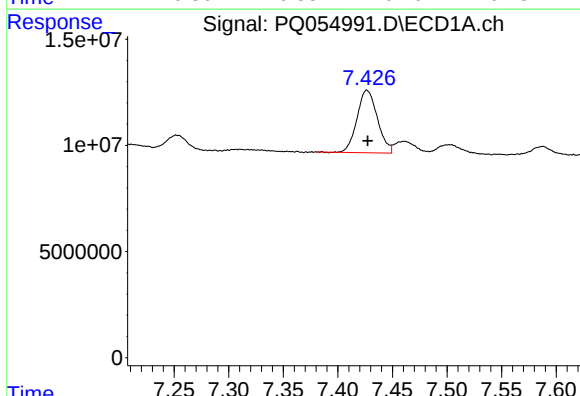
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 7108592
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



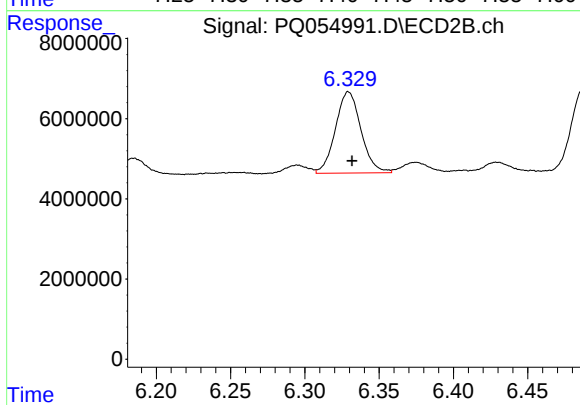
#25 AR-1248-5

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 3115379
Conc: 6.40 ng/ml



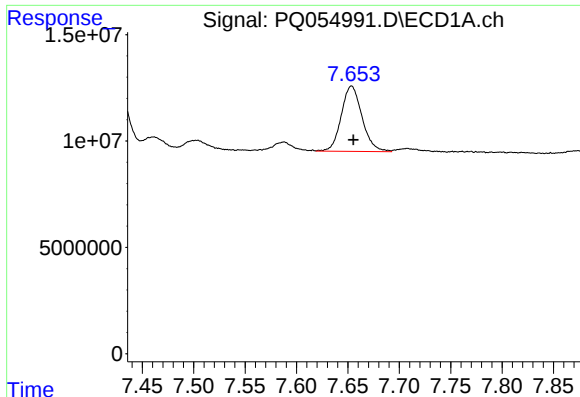
#26 AR-1254-1

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 38261330
Conc: 46.37 ng/ml



#26 AR-1254-1

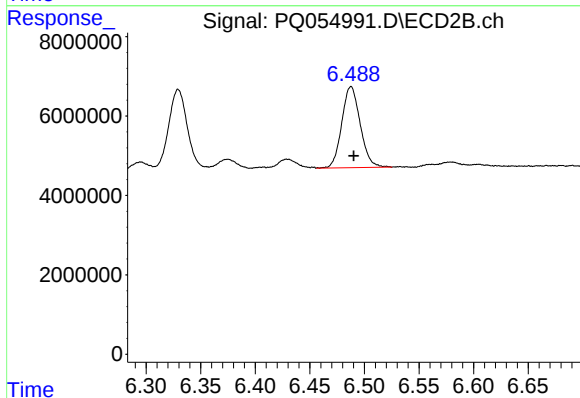
R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 24251226
Conc: 33.29 ng/ml



#27 AR-1254-2

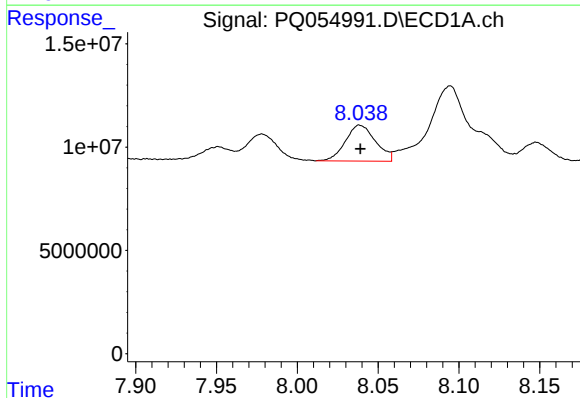
R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 43387256
Conc: 33.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



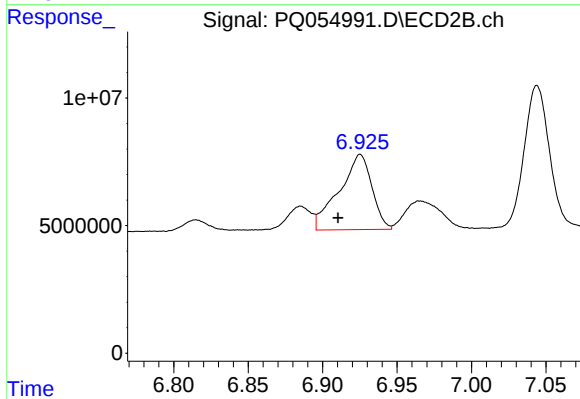
#27 AR-1254-2

R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 24025319
Conc: 37.31 ng/ml



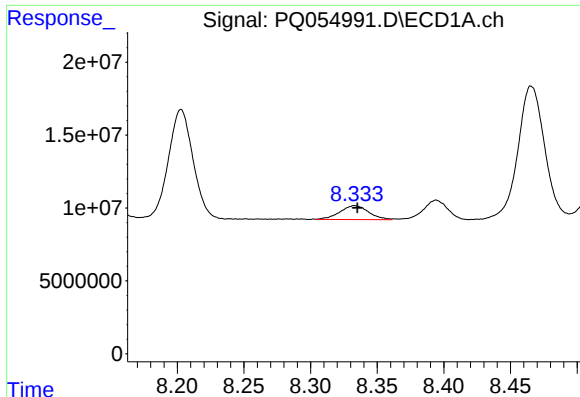
#28 AR-1254-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 22590024
Conc: 16.22 ng/ml



#28 AR-1254-3

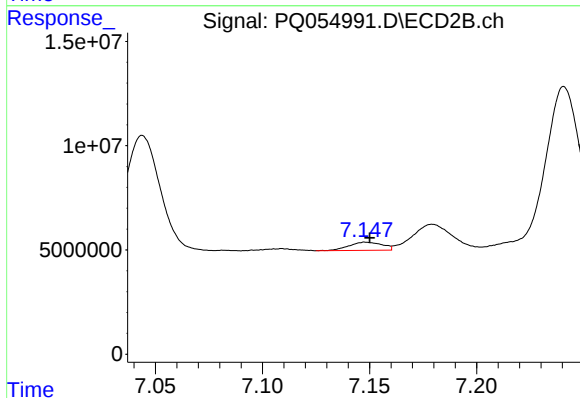
R.T.: 6.925 min
Delta R.T.: 0.015 min
Response: 45119986
Conc: 43.27 ng/ml



#29 AR-1254-4

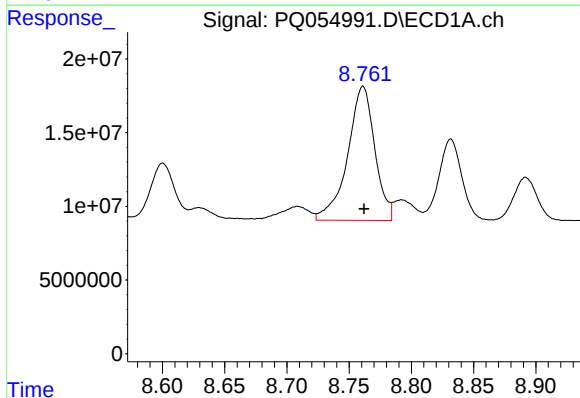
R.T.: 8.333 min
Delta R.T.: -0.002 min
Response: 14366351
Conc: 14.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



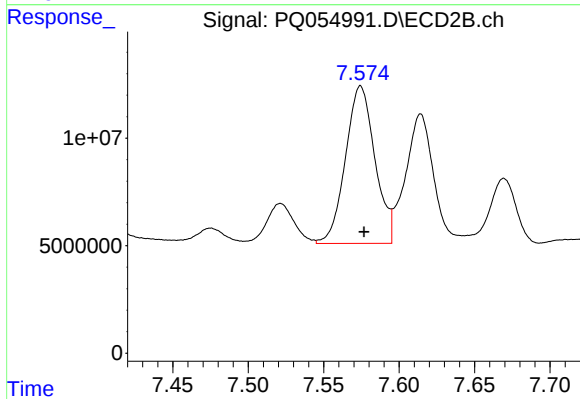
#29 AR-1254-4

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 4194778
Conc: 5.96 ng/ml



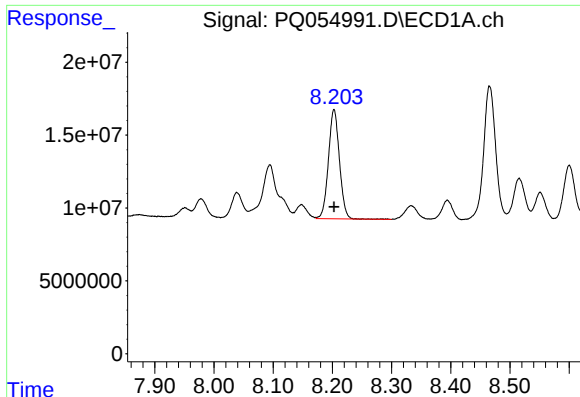
#30 AR-1254-5

R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 138566505
Conc: 127.39 ng/ml



#30 AR-1254-5

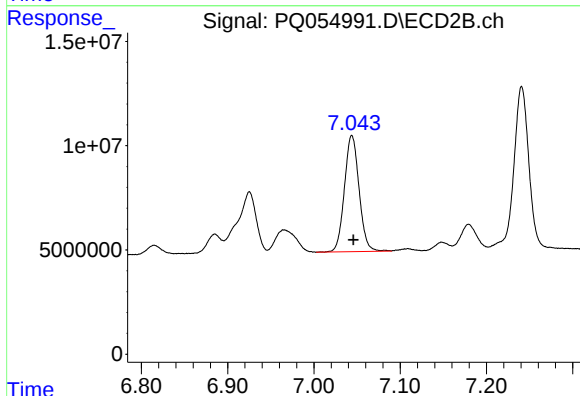
R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 99433222
Conc: 96.71 ng/ml



#31 AR-1260-1

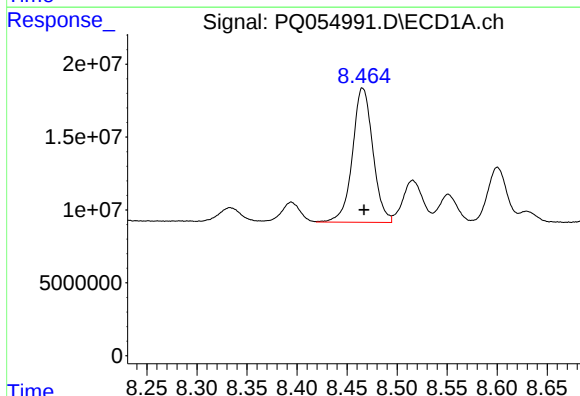
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 97059237
Conc: 110.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



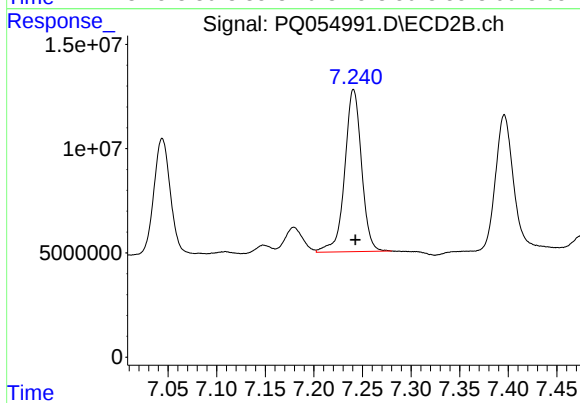
#31 AR-1260-1

R.T.: 7.044 min
Delta R.T.: -0.002 min
Response: 65946505
Conc: 101.44 ng/ml



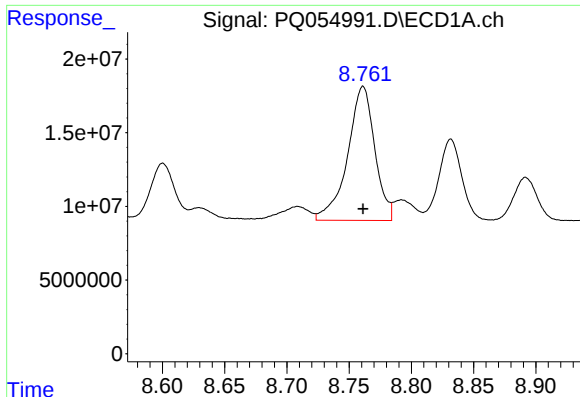
#32 AR-1260-2

R.T.: 8.466 min
Delta R.T.: -0.001 min
Response: 130820296
Conc: 116.85 ng/ml



#32 AR-1260-2

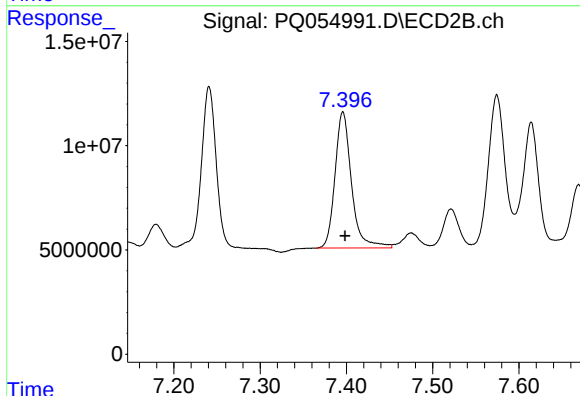
R.T.: 7.241 min
Delta R.T.: -0.002 min
Response: 93829211
Conc: 104.44 ng/ml



#33 AR-1260-3

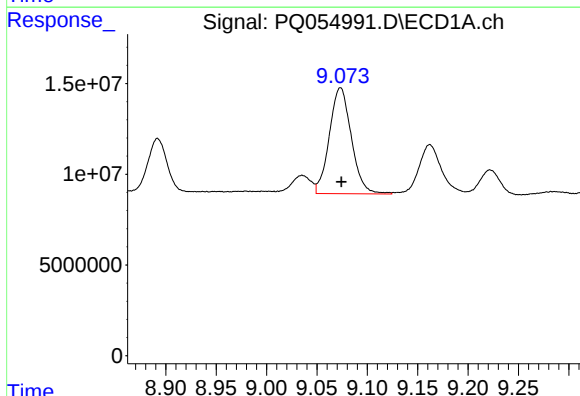
R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 138566505
Conc: 113.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



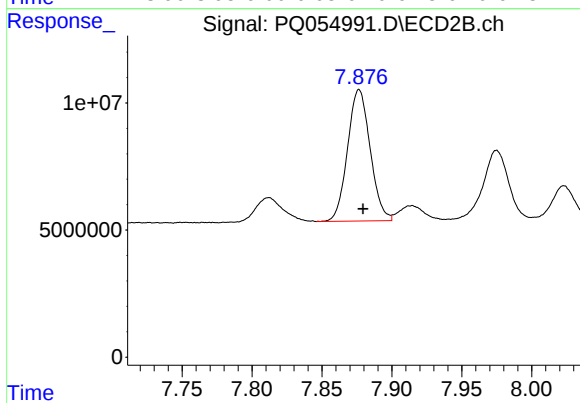
#33 AR-1260-3

R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 86891038
Conc: 106.42 ng/ml



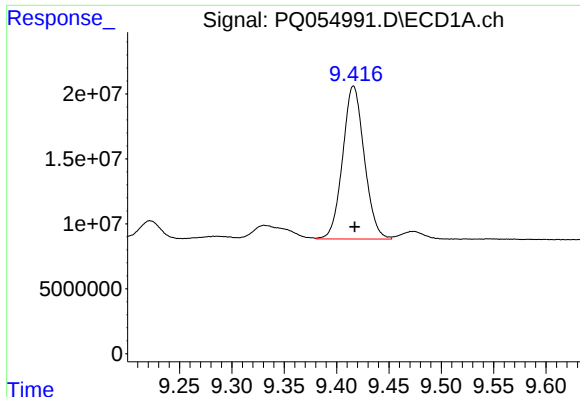
#34 AR-1260-4

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 88879094
Conc: 97.18 ng/ml



#34 AR-1260-4

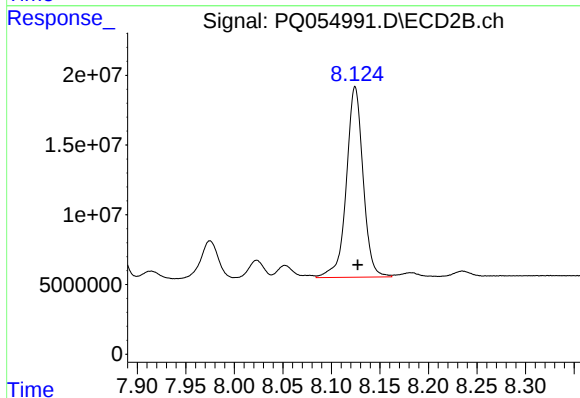
R.T.: 7.877 min
Delta R.T.: -0.003 min
Response: 58206506
Conc: 84.93 ng/ml



#35 AR-1260-5

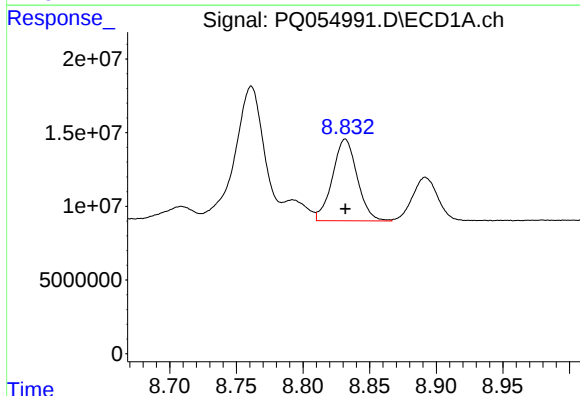
R.T.: 9.416 min
Delta R.T.: -0.001 min
Response: 169469072
Conc: 93.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



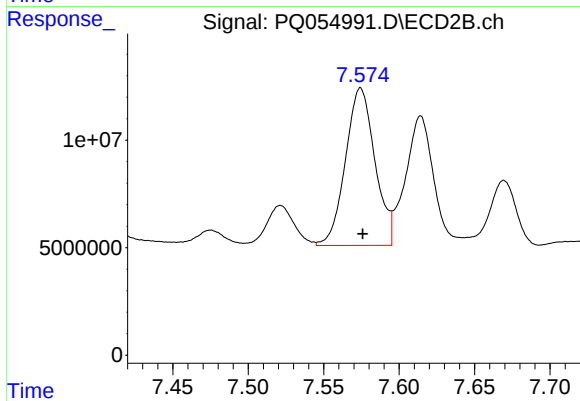
#35 AR-1260-5

R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 163816508
Conc: 85.16 ng/ml



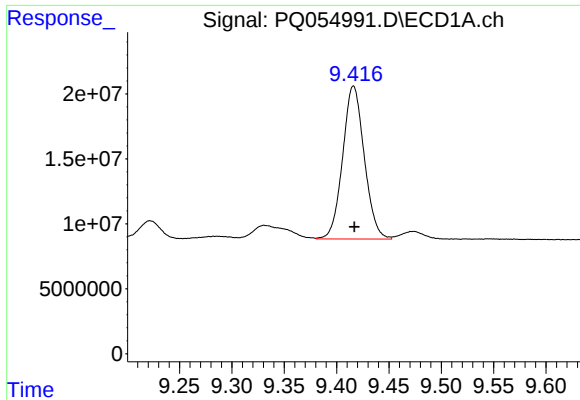
#36 AR-1262-1

R.T.: 8.832 min
Delta R.T.: 0.000 min
Response: 71820216
Conc: 56.67 ng/ml



#36 AR-1262-1

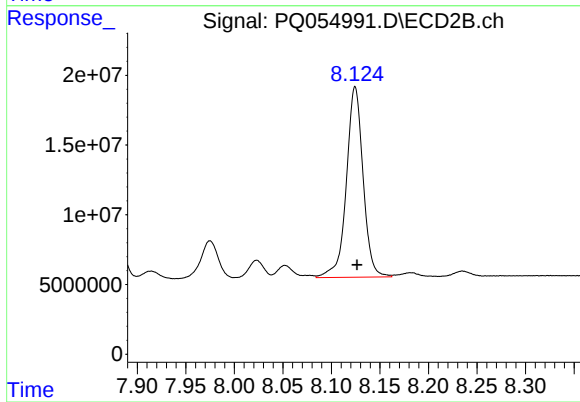
R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 99433222
Conc: 179.99 ng/ml



#37 AR-1262-2

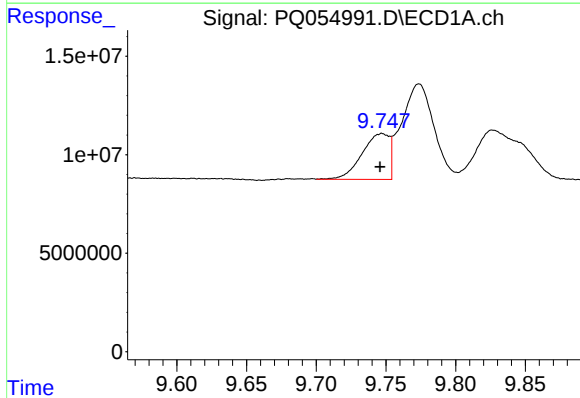
R.T.: 9.416 min
Delta R.T.: -0.001 min
Response: 169469072
Conc: 72.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



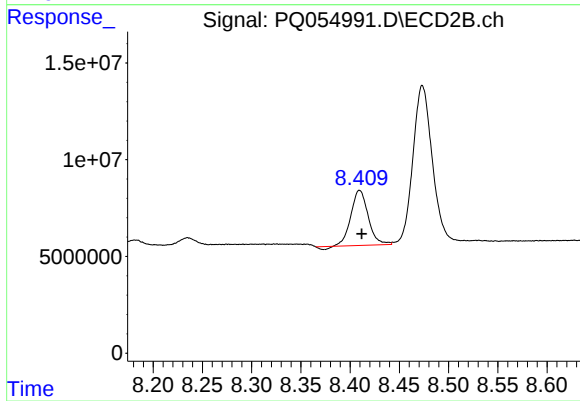
#37 AR-1262-2

R.T.: 8.124 min
Delta R.T.: -0.002 min
Response: 163816508
Conc: 67.88 ng/ml



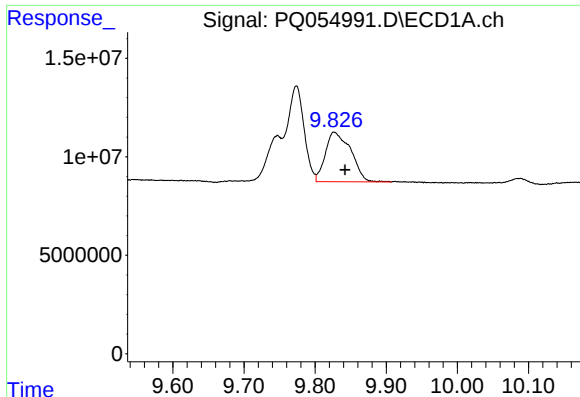
#38 AR-1262-3

R.T.: 9.747 min
Delta R.T.: 0.001 min
Response: 31786034
Conc: 32.22 ng/ml



#38 AR-1262-3

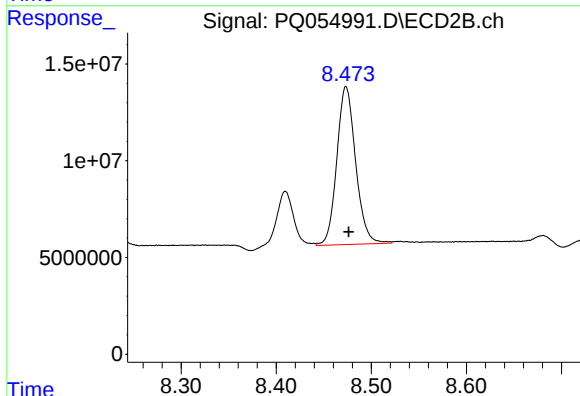
R.T.: 8.410 min
Delta R.T.: -0.002 min
Response: 34387137
Conc: 35.56 ng/ml



#39 AR-1262-4

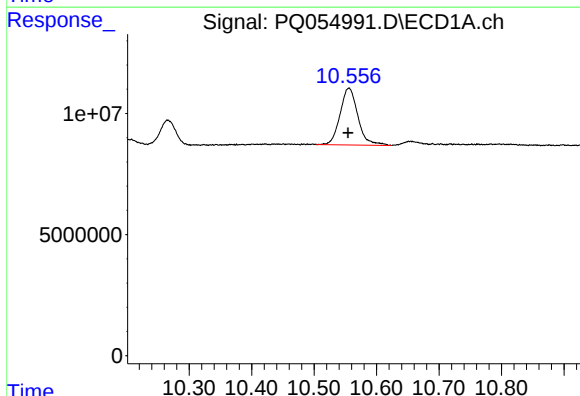
R.T.: 9.827 min
Delta R.T.: -0.016 min
Response: 62261197
Conc: 95.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



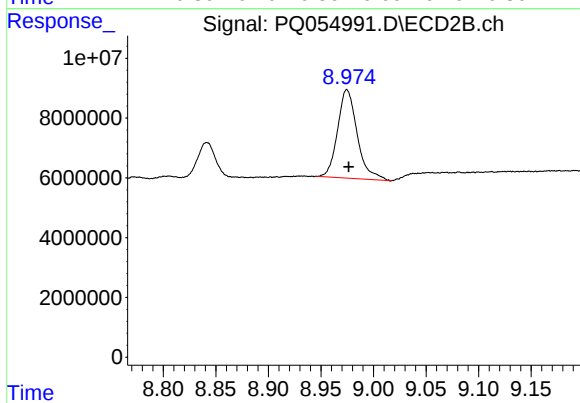
#39 AR-1262-4

R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 112460746
Conc: 67.50 ng/ml



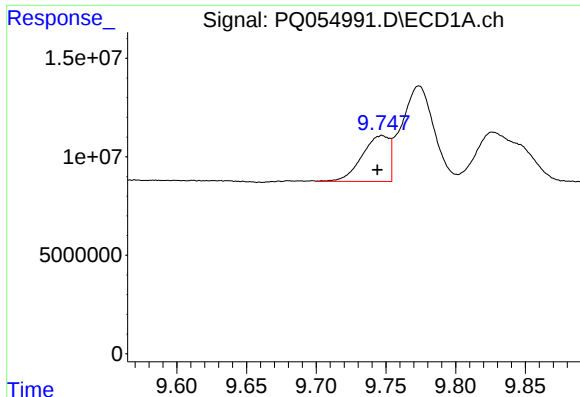
#40 AR-1262-5

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 46476967
Conc: 53.61 ng/ml



#40 AR-1262-5

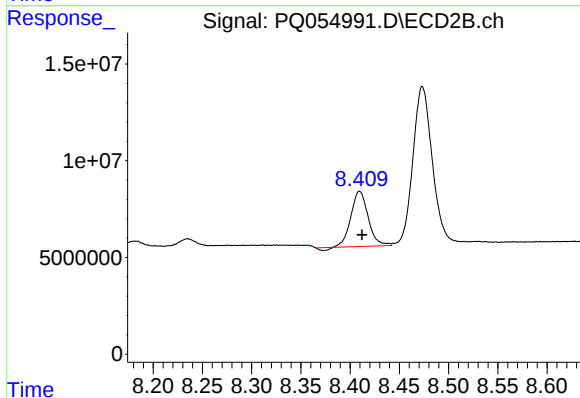
R.T.: 8.975 min
Delta R.T.: -0.002 min
Response: 38473932
Conc: 48.97 ng/ml



#41 AR-1268-1

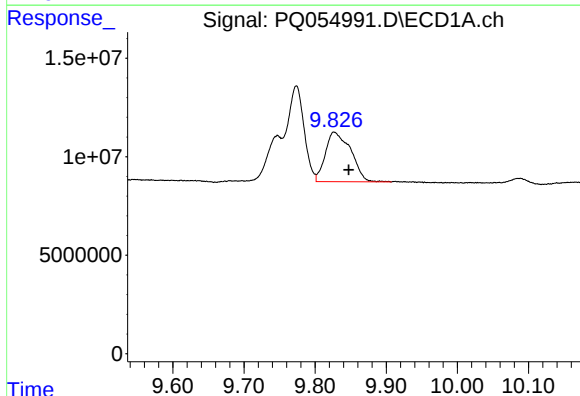
R.T.: 9.747 min
Delta R.T.: 0.003 min
Response: 31786034
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



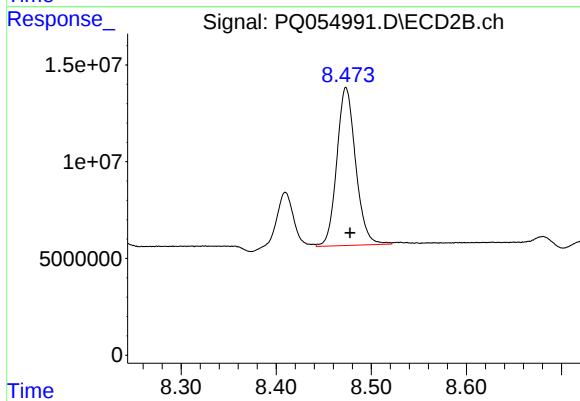
#41 AR-1268-1

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 34387137
Conc: 11.92 ng/ml



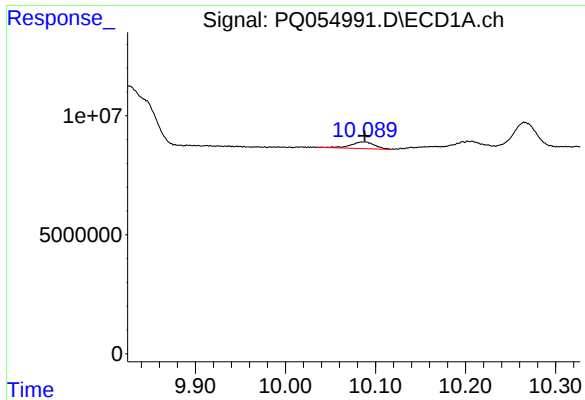
#42 AR-1268-2

R.T.: 9.827 min
Delta R.T.: -0.020 min
Response: 62261197
Conc: 25.21 ng/ml



#42 AR-1268-2

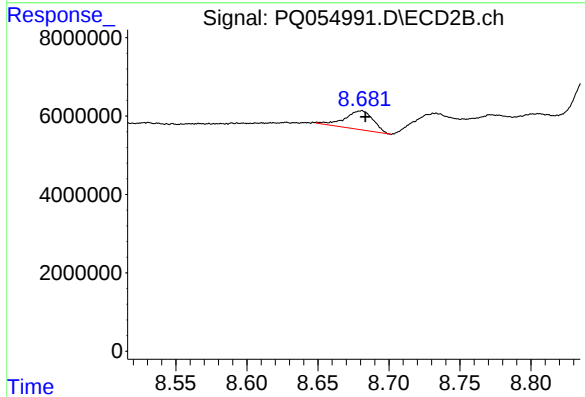
R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 112460746
Conc: 45.37 ng/ml



#43 AR-1268-3

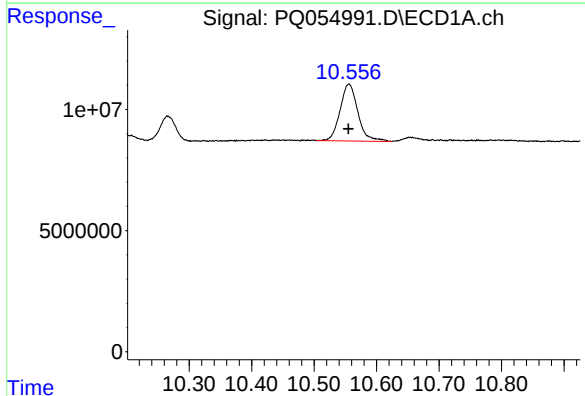
R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 5157823
Conc: 2.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



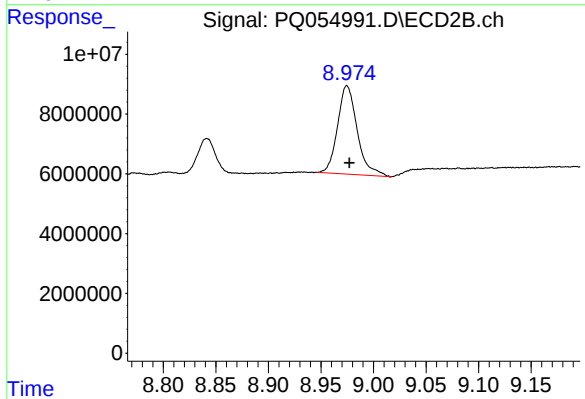
#43 AR-1268-3

R.T.: 8.680 min
Delta R.T.: -0.003 min
Response: 6696290
Conc: 3.11 ng/ml



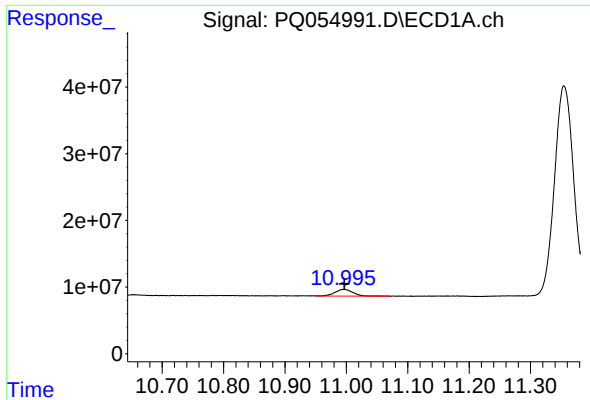
#44 AR-1268-4

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 46476967
Conc: 49.41 ng/ml



#44 AR-1268-4

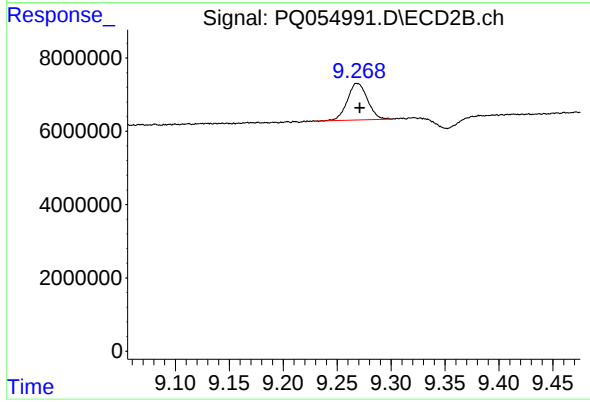
R.T.: 8.975 min
Delta R.T.: -0.002 min
Response: 38473932
Conc: 44.55 ng/ml



#45 AR-1268-5

R.T.: 10.996 min
Delta R.T.: 0.000 min
Response: 20371219
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 12962627
Conc: 2.06 ng/ml