

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040722\
 Data File : PQ056912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 13:59
 Operator : YP\AJ
 Sample : AR1254CCC400
 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: Apr 07 15:32:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 2022
 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...	4.531	3.748	394.6E6	260.1E6	22.156	24.244
2)	SA Decachlor...	10.300	8.680	731.1E6	462.8E6	50.073	44.856
Target Compounds							
3)	L1 AR-1016-1	5.710	4.814	16870356	4557508	39.775	13.692 #
4)	L1 AR-1016-2	5.732	4.831	27088482	3743782	31.671	6.252 #
5)	L1 AR-1016-3	5.792	5.004	19053026	2315459	34.369	8.613 #
6)	L1 AR-1016-4	5.889	5.041	33491020	108.8E6	78.385	477.631 #
7)	L1 AR-1016-5	6.178	5.252	120.2E6	62404413	304.314	217.396 #
8)	L2 AR-1221-1	0.000	3.950	0	402577	N.D.	3.528 #
9)	L2 AR-1221-2	4.842	4.044	5717588	3246553	46.572	41.009
10)	L2 AR-1221-3	4.914	4.117	692597	1481773	1.658	5.342 #
11)	L3 AR-1232-1	4.914	4.117	692597	1481773	1.974	6.514 #
12)	L3 AR-1232-2	5.438	4.831	11121566	3743782	44.255	15.895 #
13)	L3 AR-1232-3	5.732	5.004	27088482	2315459	75.884	19.942 #
14)	L3 AR-1232-4	5.889	5.083	33491020	33087731	182.782	339.414 #
15)	L3 AR-1232-5	5.971	5.252	155.1E6	62404413	542.463	607.428
16)	L4 AR-1242-1	5.710	4.814	16870356	4557508	43.328	15.999 #
17)	L4 AR-1242-2	5.732	4.831	27088482	3743782	35.316	7.403 #
18)	L4 AR-1242-3	5.792	5.004	19053026	2315459	37.572	10.172 #
19)	L4 AR-1242-4	5.889	5.083	33491020	33087731	85.853	144.715 #
20)	L4 AR-1242-5	6.624	5.598	131.7E6	286.8E6	333.163	960.334 #
21)	L5 AR-1248-1	5.710	4.814	16870356	4557508	57.448	20.419 #
22)	L5 AR-1248-2	5.971	5.041	155.1E6	108.8E6	288.970	326.216
23)	L5 AR-1248-3	6.178	5.083	120.2E6	33087731	191.217	94.436 #
24)	L5 AR-1248-4	6.586	5.252	140.3E6	62404413	214.520	149.382 #
25)	L5 AR-1248-5	6.624	5.642	131.7E6	31912268	189.591	71.200 #
26)	L6 AR-1254-1	6.553	5.598	260.2E6	286.8E6	404.163	430.103
27)	L6 AR-1254-2	6.770	5.742	379.2E6	243.1E6	380.139	442.766
28)	L6 AR-1254-3	7.139	6.141	422.3E6	401.4E6	381.274	431.911
29)	L6 AR-1254-4	7.428	6.368	264.4E6	287.9E6	360.927	425.737
30)	L6 AR-1254-5	7.843	6.778	293.9E6	352.8E6	347.517	431.879
31)	L7 AR-1260-1	7.297	6.268	150.7E6	181.7E6	235.165	332.611 #
32)	L7 AR-1260-2	7.555	6.453	154.1E6	146.4E6	209.054	219.938
33)	L7 AR-1260-3	7.843	6.604	293.9E6	152.8E6	315.186	246.976
34)	L7 AR-1260-4	8.140	7.070	117.4E6	14956547	169.992	28.286 #
35)	L7 AR-1260-5	8.472	7.307	54398821	36946936	39.187	28.227 #
36)	L8 AR-1262-1	7.905	6.778	37421943	352.8E6	37.329	833.189 #
37)	L8 AR-1262-2	8.472	7.307	54398821	36946936	29.636	23.138
38)	L8 AR-1262-3	8.810	7.590	35630904	3772549	44.149	5.880 #
39)	L8 AR-1262-4	8.861	7.651	10565485	40157234	17.640	34.035 #
40)	L8 AR-1262-5	9.550	8.145	2232794	1353663	3.315	2.696
41)	L9 AR-1268-1	8.810	7.590	35630904	3772549	16.410	2.045 #

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 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

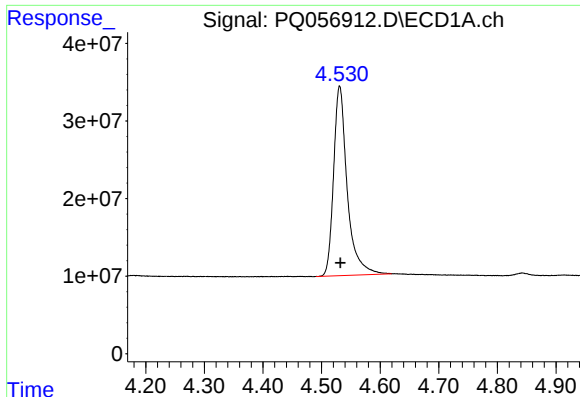
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 15:32:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.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	8.861	7.651	10565485	40157234	5.027	23.873 #
43) L9	AR-1268-3	9.107	7.858	877444	1329003	0.490	1.039 #
44) L9	AR-1268-4	9.550	8.145	2232794	1353663	3.104	2.458
45) L9	AR-1268-5	9.968	8.433	4628646	2644337	0.783	0.592

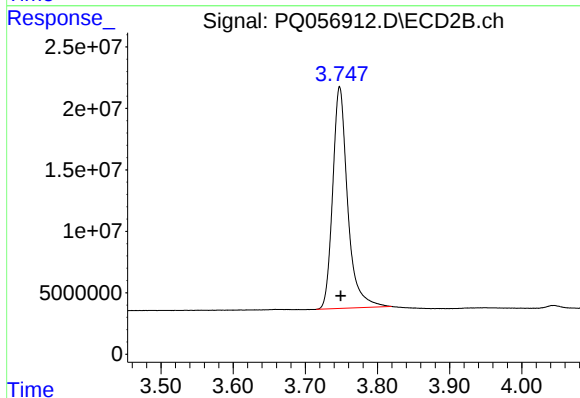
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

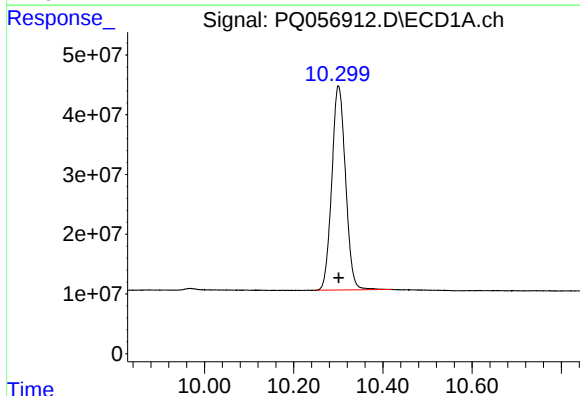
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 394622722
Conc: 22.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



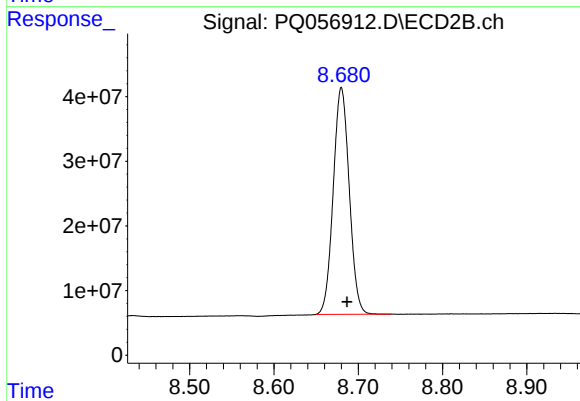
#1 Tetrachloro-m-xylene

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 260097576
Conc: 24.24 ng/ml



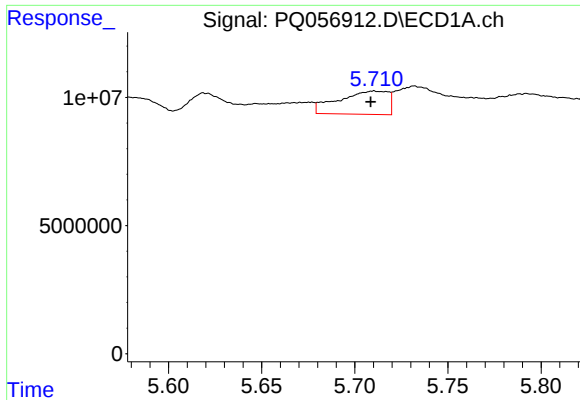
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: 0.000 min
Response: 731136652
Conc: 50.07 ng/ml



#2 Decachlorobiphenyl

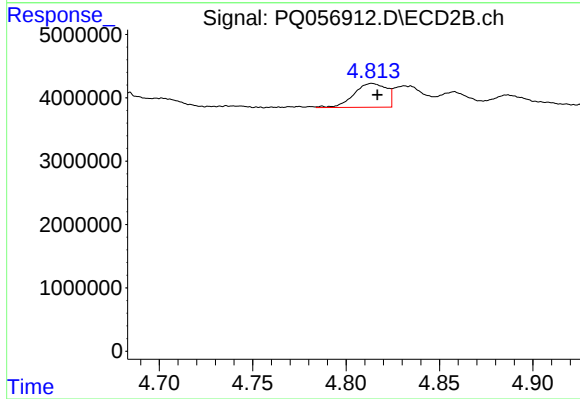
R.T.: 8.680 min
Delta R.T.: -0.007 min
Response: 462770069
Conc: 44.86 ng/ml



#3 AR-1016-1

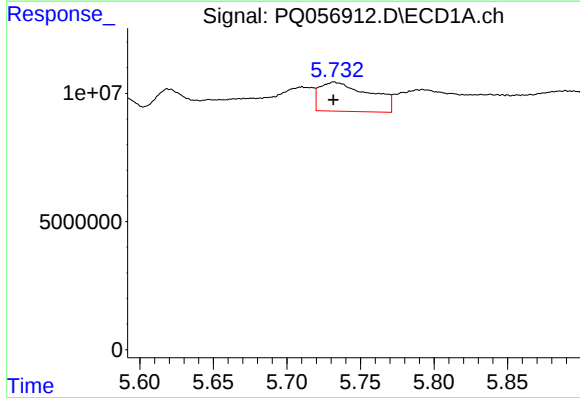
R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 16870356
Conc: 39.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



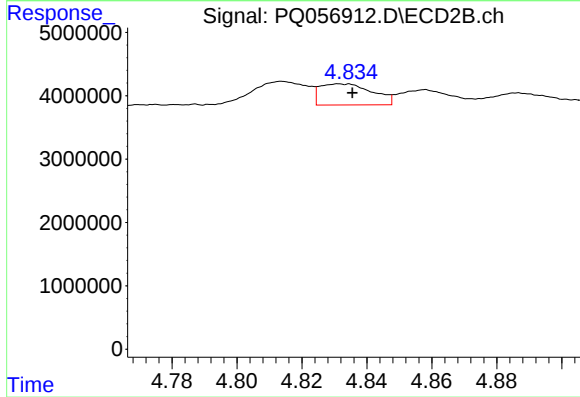
#3 AR-1016-1

R.T.: 4.814 min
Delta R.T.: -0.003 min
Response: 4557508
Conc: 13.69 ng/ml



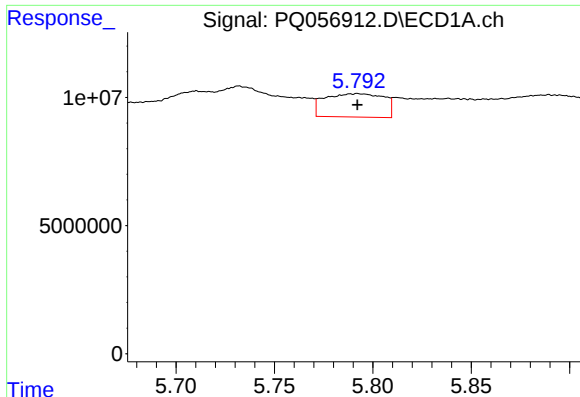
#4 AR-1016-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 27088482
Conc: 31.67 ng/ml



#4 AR-1016-2

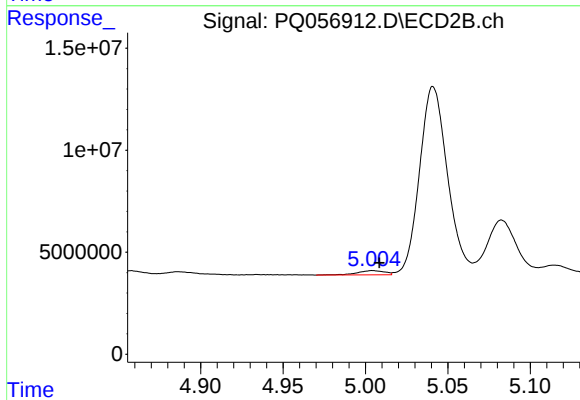
R.T.: 4.831 min
Delta R.T.: -0.004 min
Response: 3743782
Conc: 6.25 ng/ml



#5 AR-1016-3

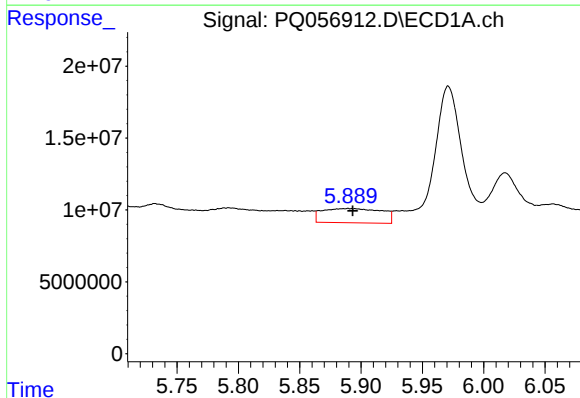
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 19053026
Conc: 34.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



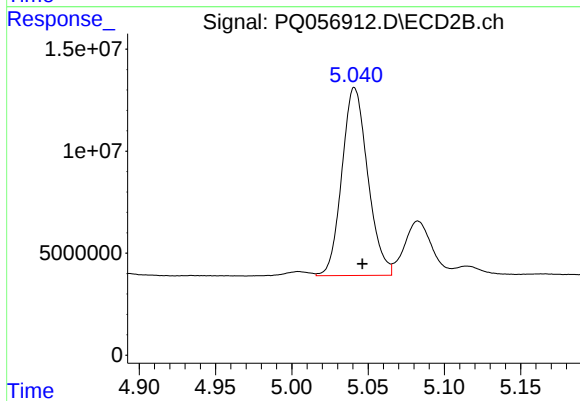
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 2315459
Conc: 8.61 ng/ml



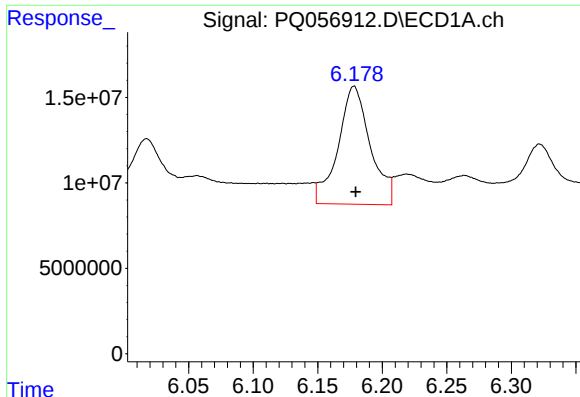
#6 AR-1016-4

R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 33491020
Conc: 78.39 ng/ml



#6 AR-1016-4

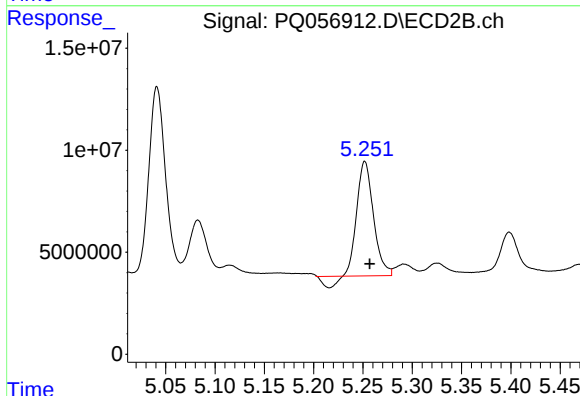
R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 108755186
Conc: 477.63 ng/ml



#7 AR-1016-5

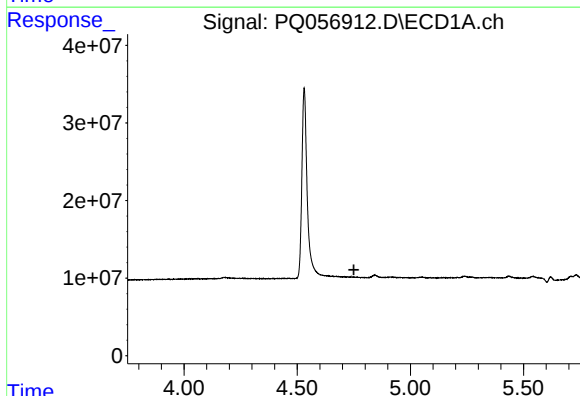
R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 120211595
Conc: 304.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



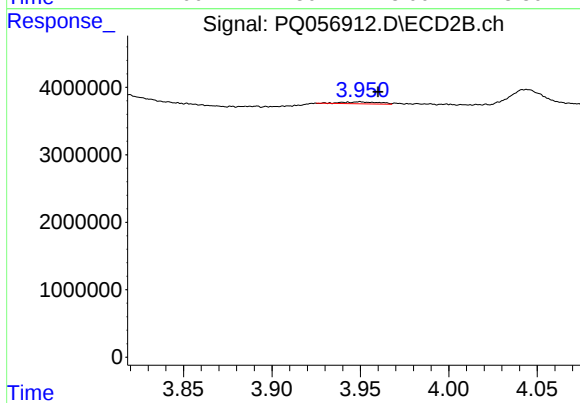
#7 AR-1016-5

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 62404413
Conc: 217.40 ng/ml



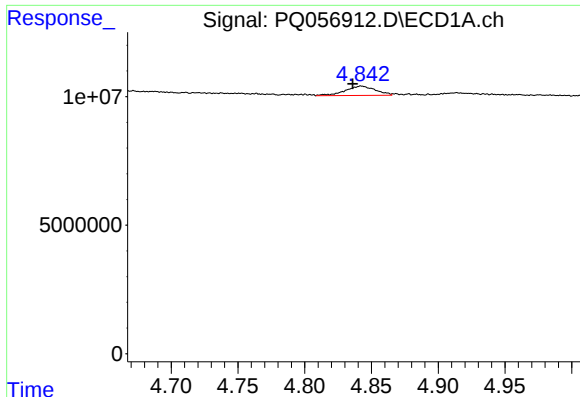
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.751 min
Response: 0
Conc: N.D.



#8 AR-1221-1

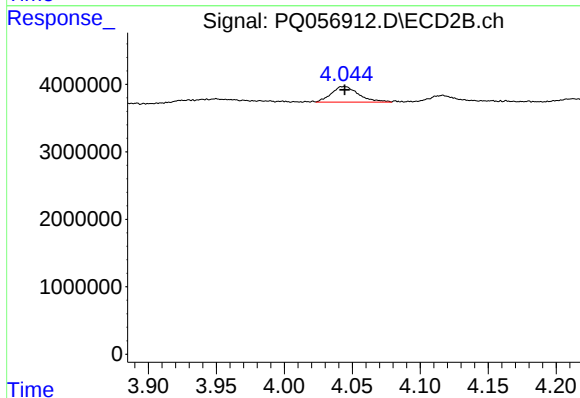
R.T.: 3.950 min
Delta R.T.: -0.010 min
Response: 402577
Conc: 3.53 ng/ml



#9 AR-1221-2

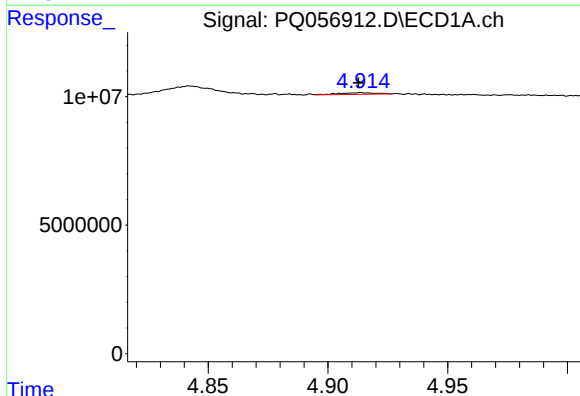
R.T.: 4.842 min
Delta R.T.: 0.006 min
Response: 5717588
Conc: 46.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



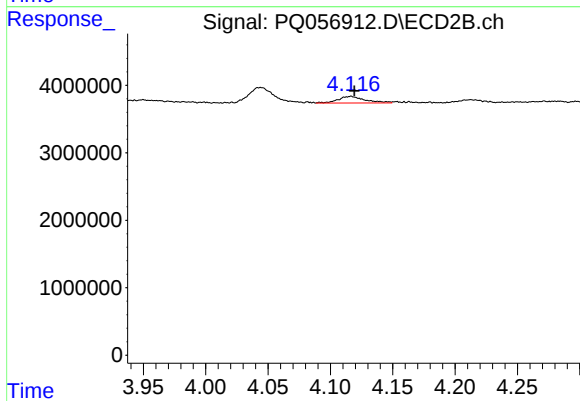
#9 AR-1221-2

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 3246553
Conc: 41.01 ng/ml



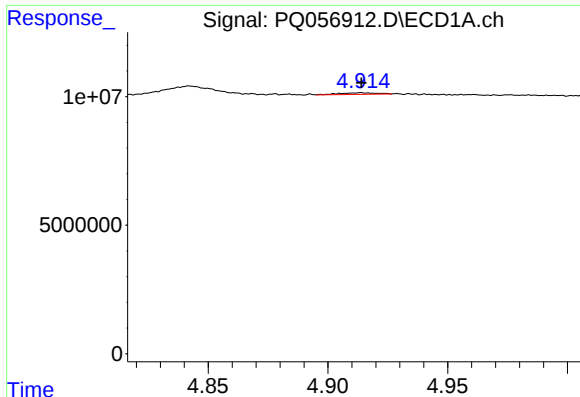
#10 AR-1221-3

R.T.: 4.914 min
Delta R.T.: 0.001 min
Response: 692597
Conc: 1.66 ng/ml



#10 AR-1221-3

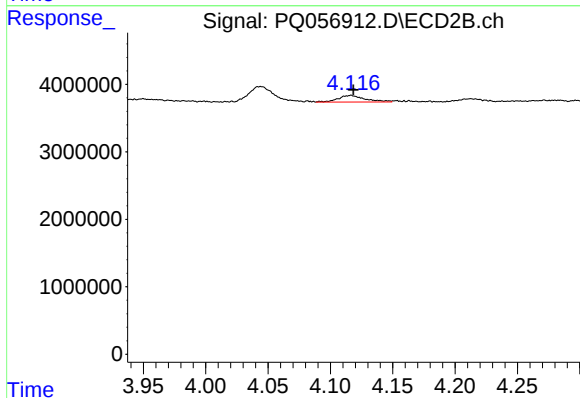
R.T.: 4.117 min
Delta R.T.: -0.003 min
Response: 1481773
Conc: 5.34 ng/ml



#11 AR-1232-1

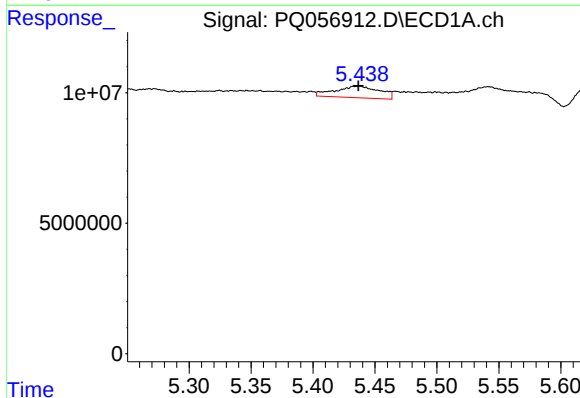
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 692597
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



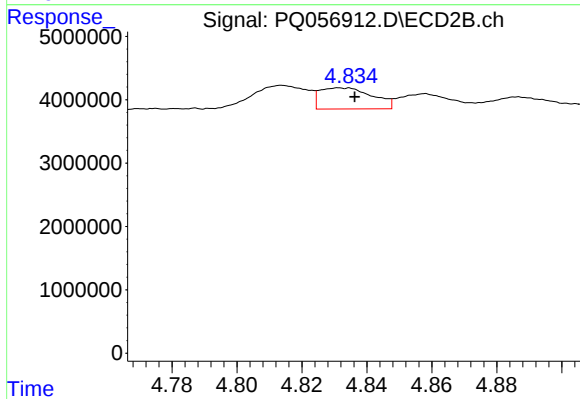
#11 AR-1232-1

R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 1481773
Conc: 6.51 ng/ml



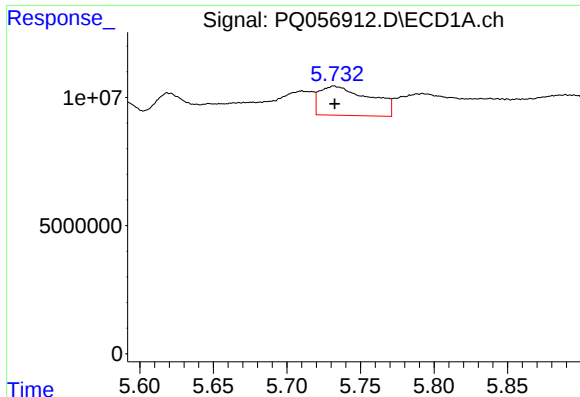
#12 AR-1232-2

R.T.: 5.438 min
Delta R.T.: 0.001 min
Response: 11121566
Conc: 44.25 ng/ml



#12 AR-1232-2

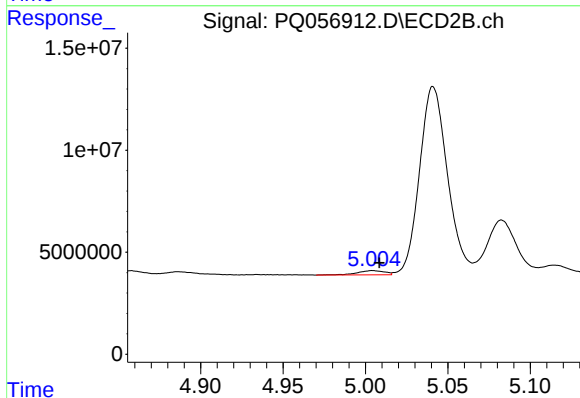
R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 3743782
Conc: 15.90 ng/ml



#13 AR-1232-3

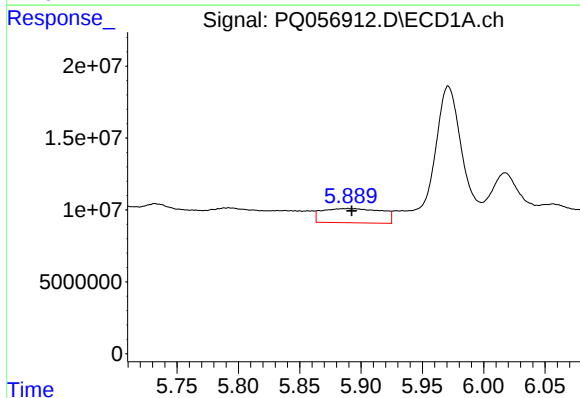
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 27088482
Conc: 75.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



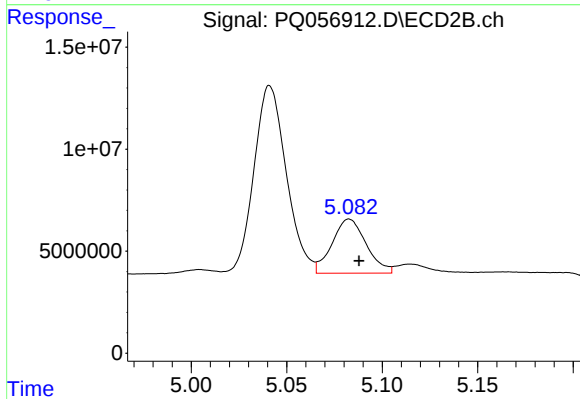
#13 AR-1232-3

R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 2315459
Conc: 19.94 ng/ml



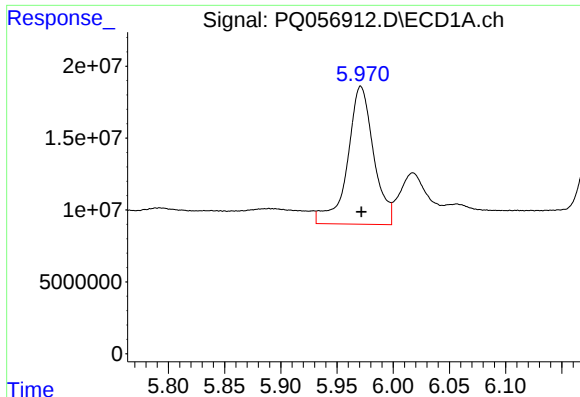
#14 AR-1232-4

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 33491020
Conc: 182.78 ng/ml



#14 AR-1232-4

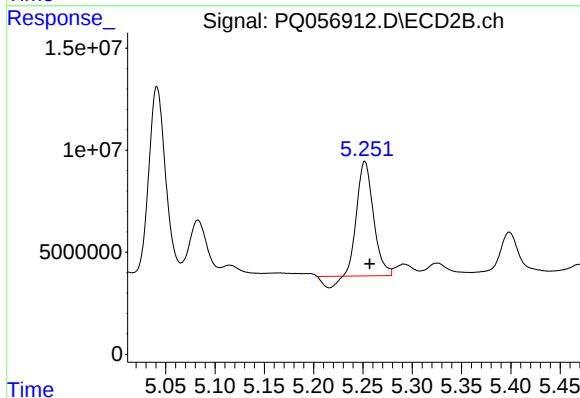
R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 33087731
Conc: 339.41 ng/ml



#15 AR-1232-5

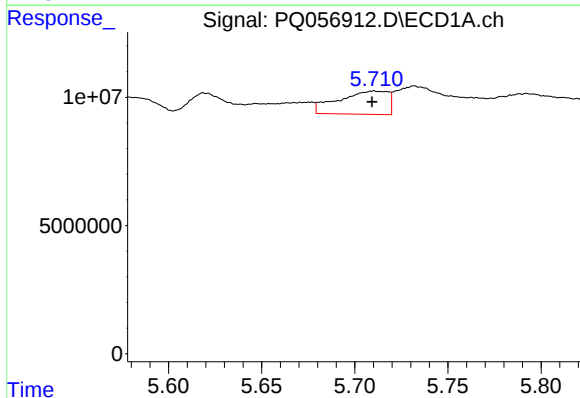
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 155108315
Conc: 542.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



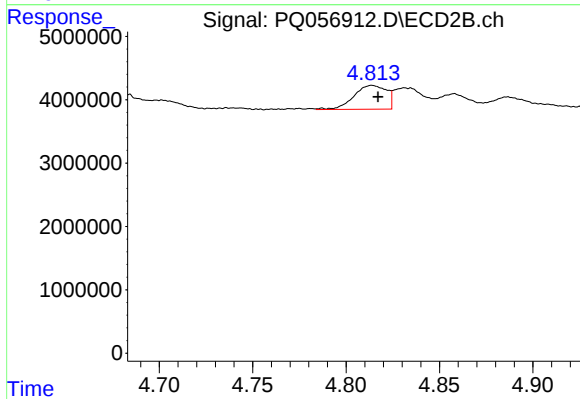
#15 AR-1232-5

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 62404413
Conc: 607.43 ng/ml



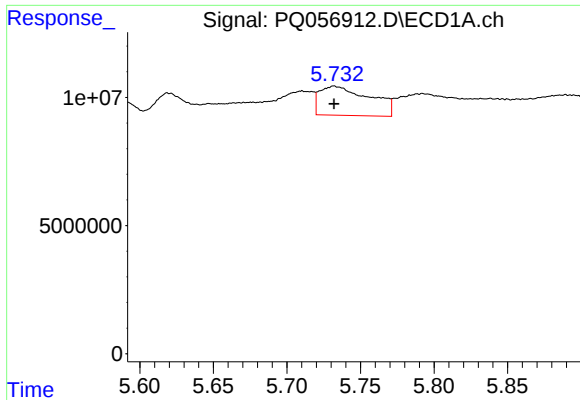
#16 AR-1242-1

R.T.: 5.710 min
Delta R.T.: 0.001 min
Response: 16870356
Conc: 43.33 ng/ml



#16 AR-1242-1

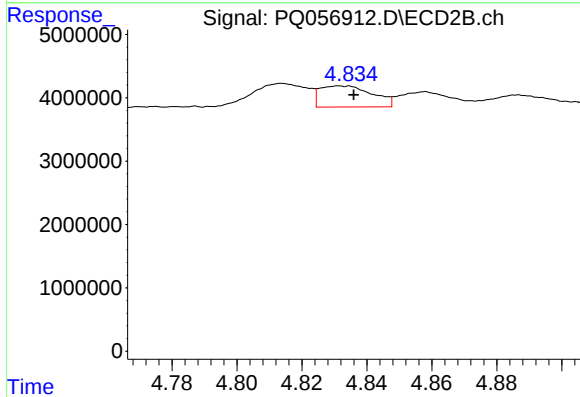
R.T.: 4.814 min
Delta R.T.: -0.003 min
Response: 4557508
Conc: 16.00 ng/ml



#17 AR-1242-2

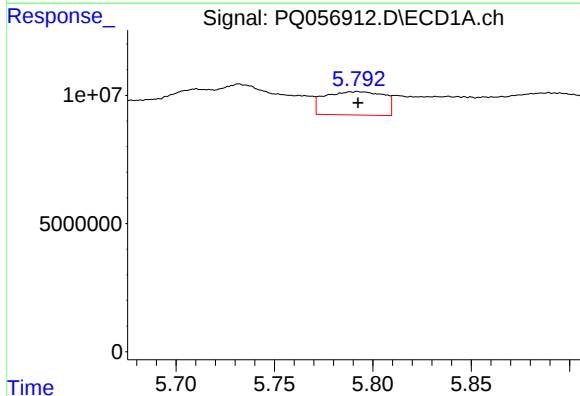
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 27088482
Conc: 35.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



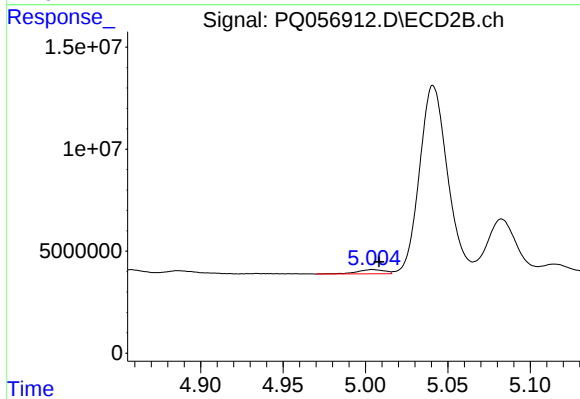
#17 AR-1242-2

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 3743782
Conc: 7.40 ng/ml



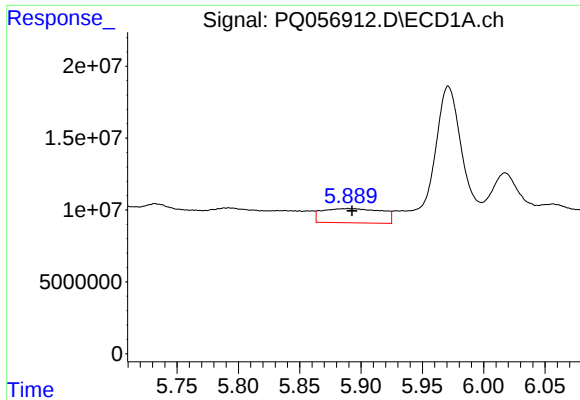
#18 AR-1242-3

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 19053026
Conc: 37.57 ng/ml



#18 AR-1242-3

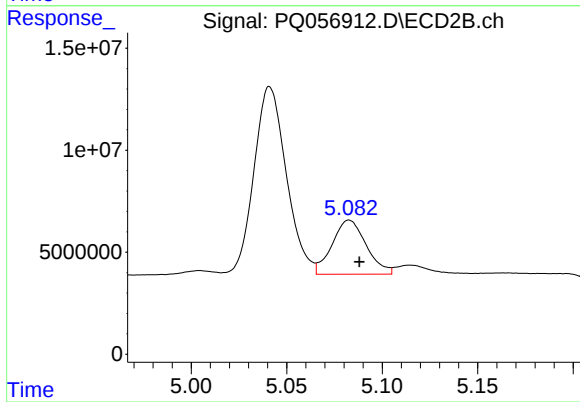
R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 2315459
Conc: 10.17 ng/ml



#19 AR-1242-4

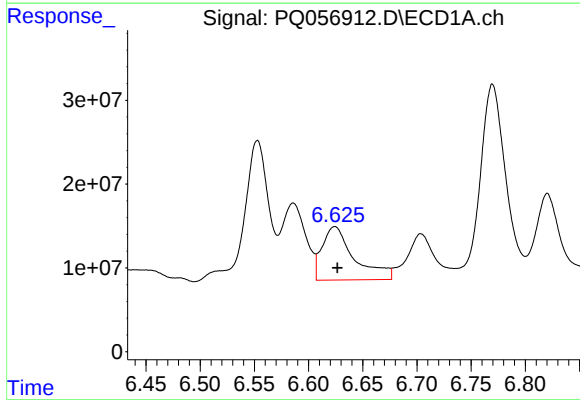
R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 33491020
Conc: 85.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



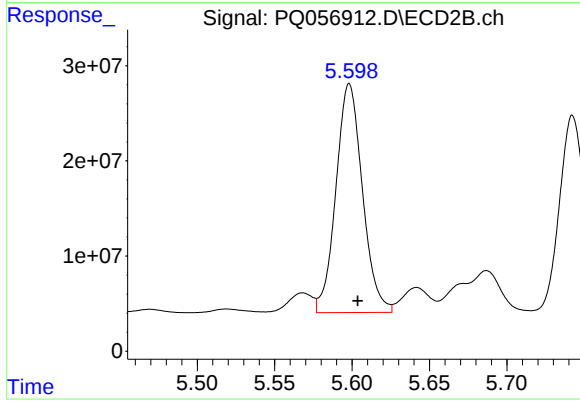
#19 AR-1242-4

R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 33087731
Conc: 144.71 ng/ml



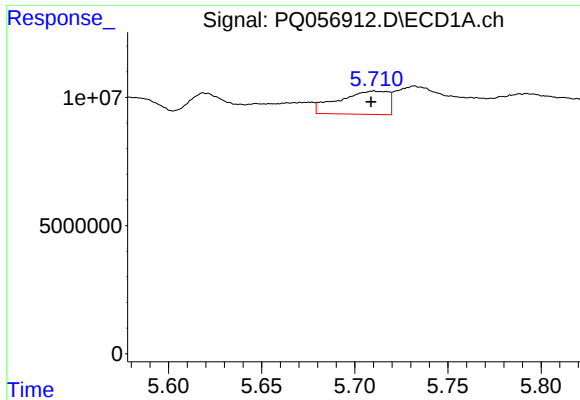
#20 AR-1242-5

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 131690177
Conc: 333.16 ng/ml



#20 AR-1242-5

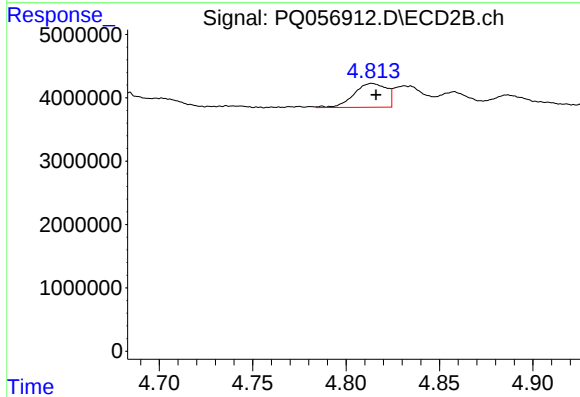
R.T.: 5.598 min
Delta R.T.: -0.005 min
Response: 286808797
Conc: 960.33 ng/ml



#21 AR-1248-1

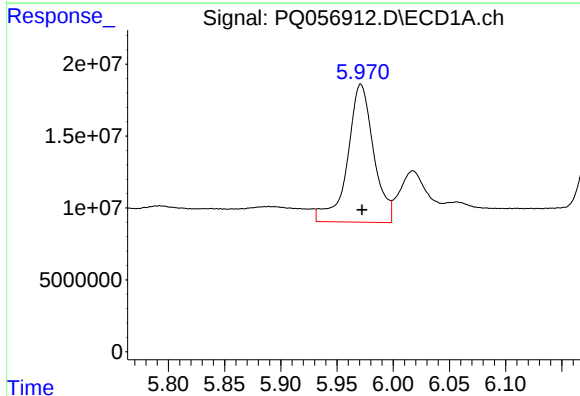
R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 16870356
Conc: 57.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



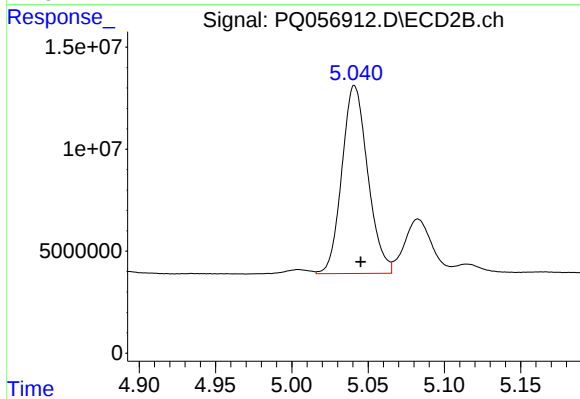
#21 AR-1248-1

R.T.: 4.814 min
Delta R.T.: -0.002 min
Response: 4557508
Conc: 20.42 ng/ml



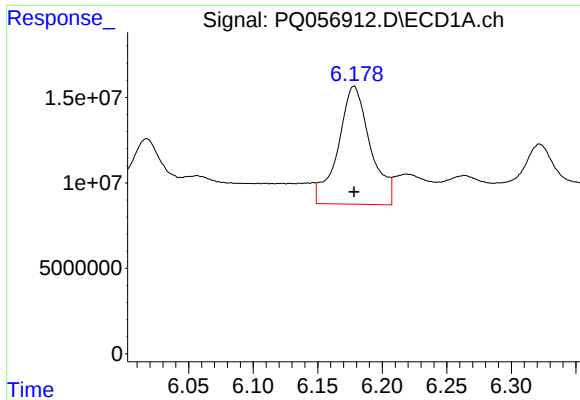
#22 AR-1248-2

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 155108315
Conc: 288.97 ng/ml



#22 AR-1248-2

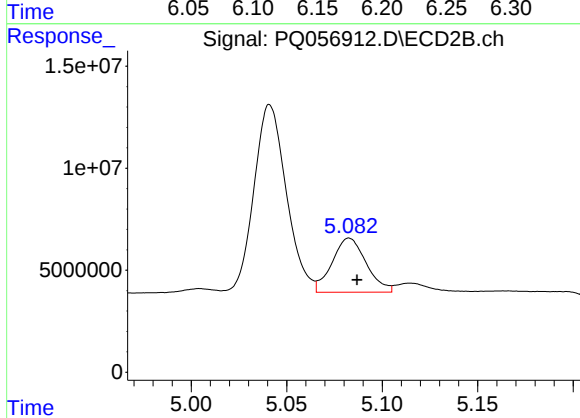
R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 108755186
Conc: 326.22 ng/ml



#23 AR-1248-3

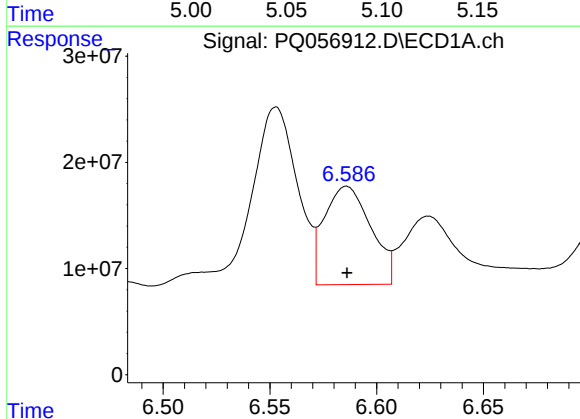
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 120211595
Conc: 191.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



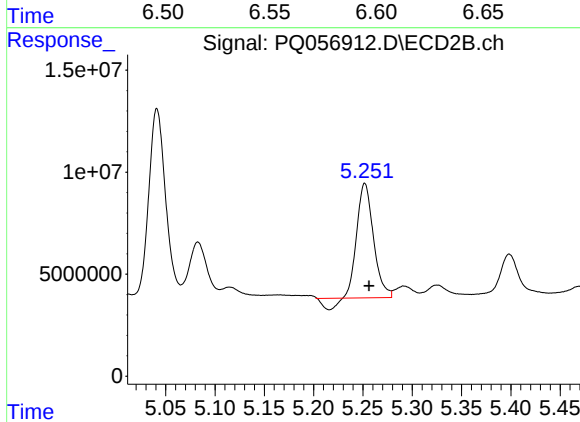
#23 AR-1248-3

R.T.: 5.083 min
Delta R.T.: -0.004 min
Response: 33087731
Conc: 94.44 ng/ml



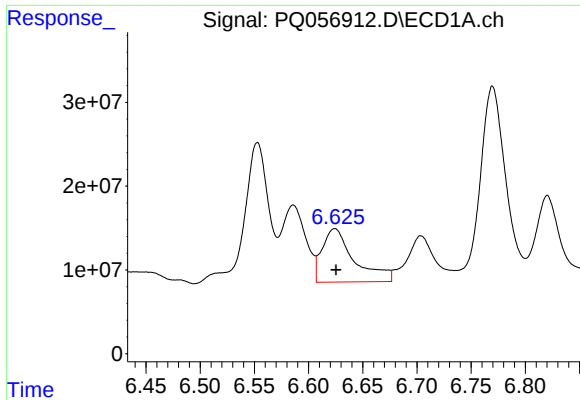
#24 AR-1248-4

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 140329410
Conc: 214.52 ng/ml



#24 AR-1248-4

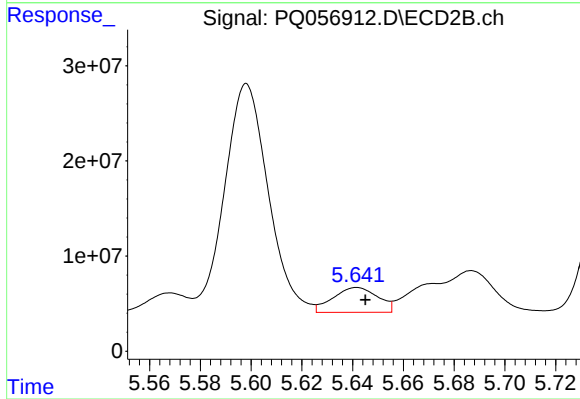
R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 62404413
Conc: 149.38 ng/ml



#25 AR-1248-5

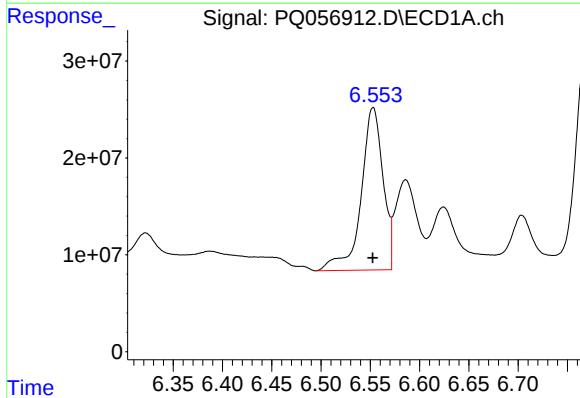
R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 131690177
Conc: 189.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



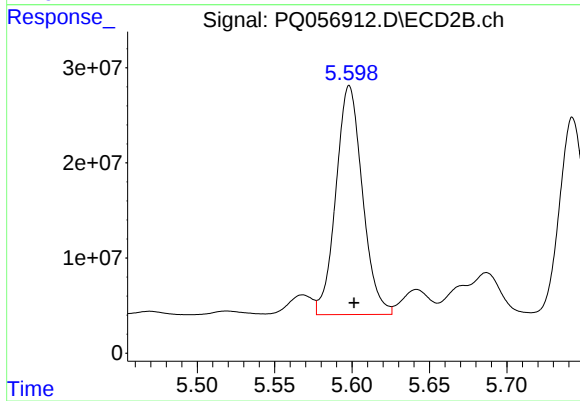
#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 31912268
Conc: 71.20 ng/ml



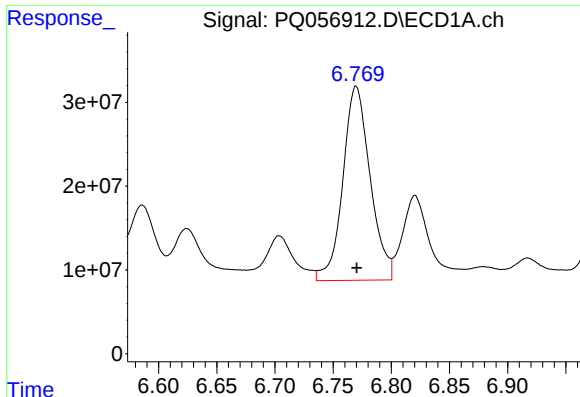
#26 AR-1254-1

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 260203172
Conc: 404.16 ng/ml



#26 AR-1254-1

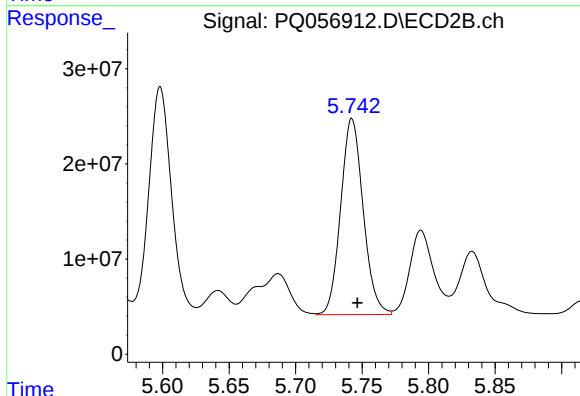
R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 286808797
Conc: 430.10 ng/ml



#27 AR-1254-2

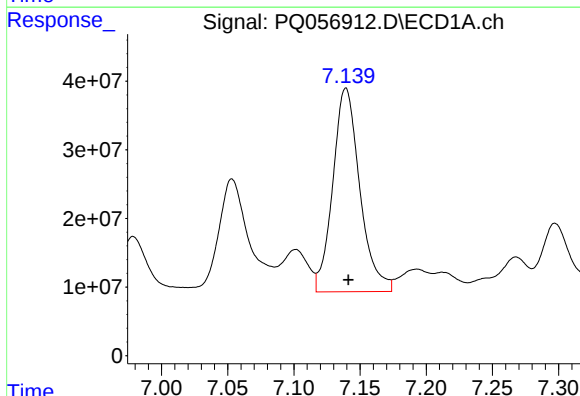
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 379185985
Conc: 380.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



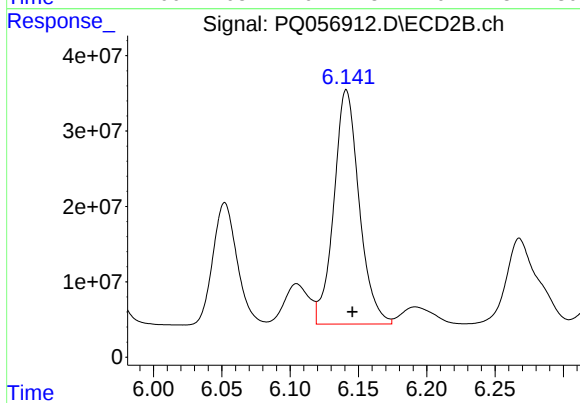
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 243108889
Conc: 442.77 ng/ml



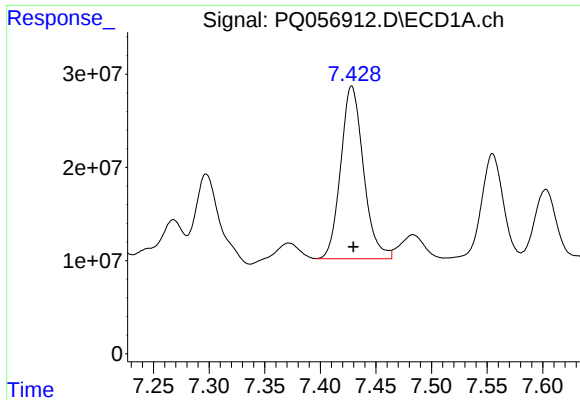
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 422264731
Conc: 381.27 ng/ml



#28 AR-1254-3

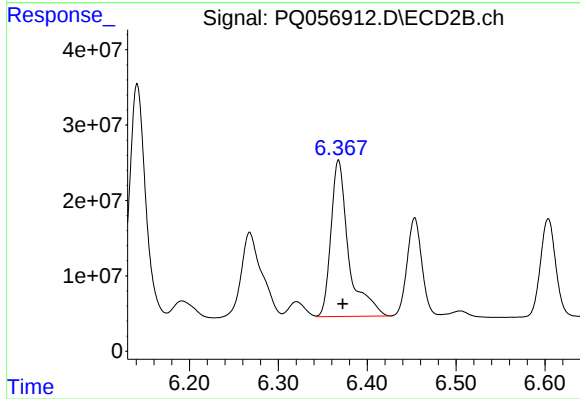
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 401417752
Conc: 431.91 ng/ml



#29 AR-1254-4

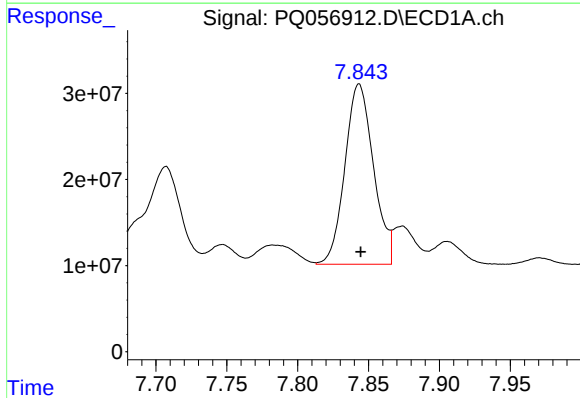
R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 264410372
Conc: 360.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



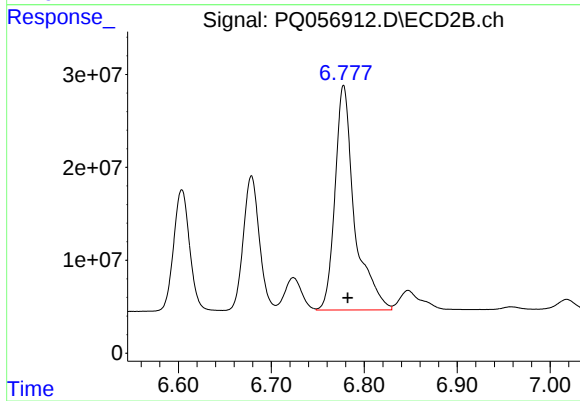
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.005 min
Response: 287912036
Conc: 425.74 ng/ml



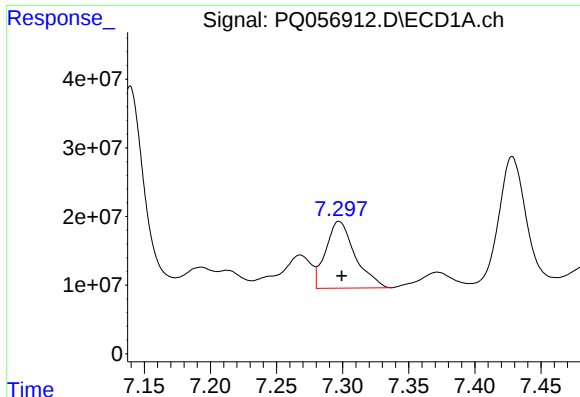
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: -0.001 min
Response: 293949355
Conc: 347.52 ng/ml



#30 AR-1254-5

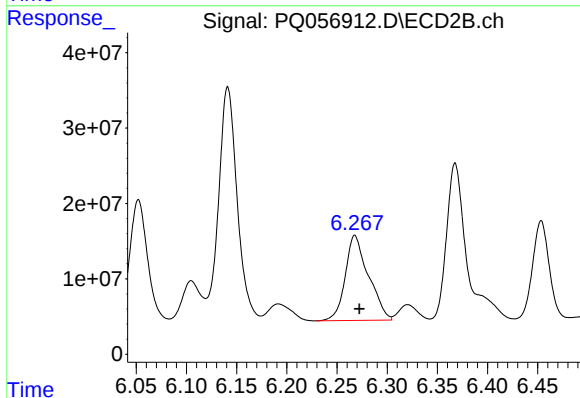
R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 352811833
Conc: 431.88 ng/ml



#31 AR-1260-1

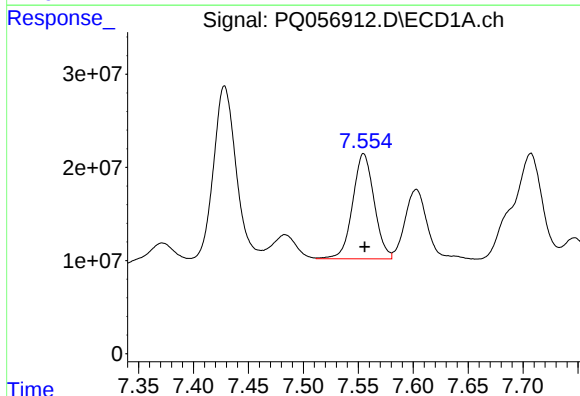
R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 150691269
Conc: 235.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



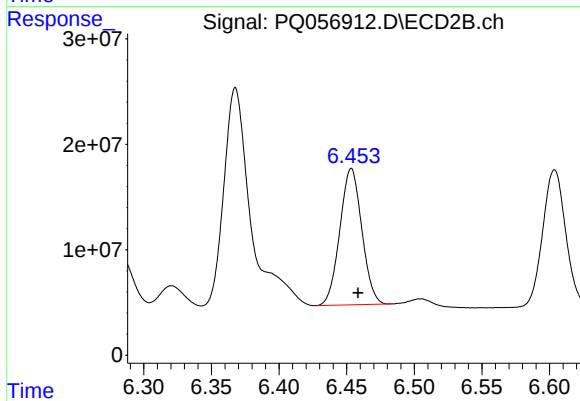
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 181687803
Conc: 332.61 ng/ml



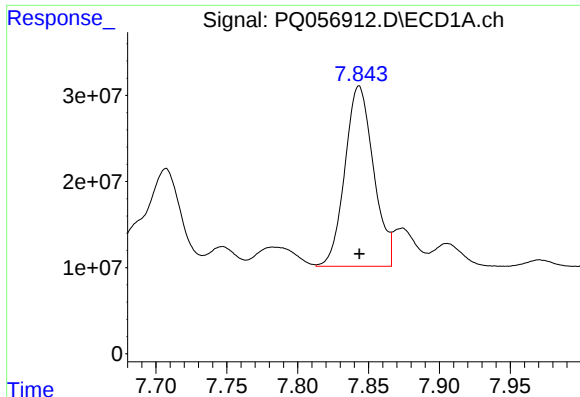
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 154074600
Conc: 209.05 ng/ml



#32 AR-1260-2

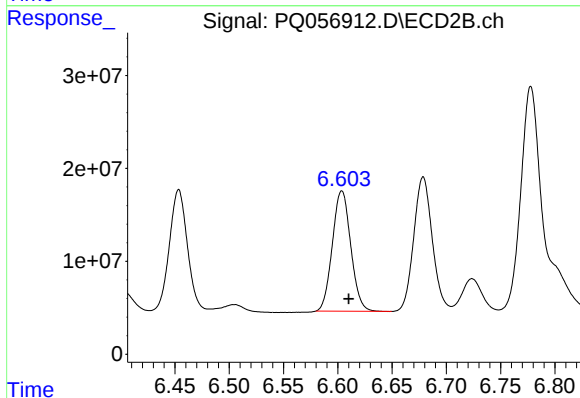
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 146370615
Conc: 219.94 ng/ml



#33 AR-1260-3

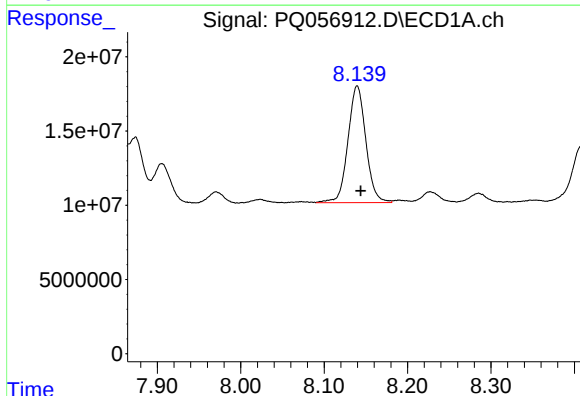
R.T.: 7.843 min
Delta R.T.: 0.000 min
Response: 293949355
Conc: 315.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



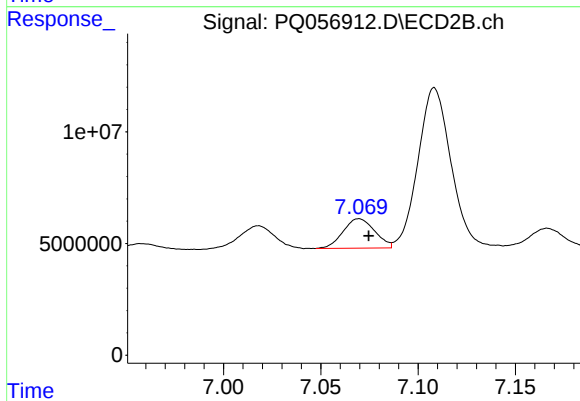
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 152828914
Conc: 246.98 ng/ml



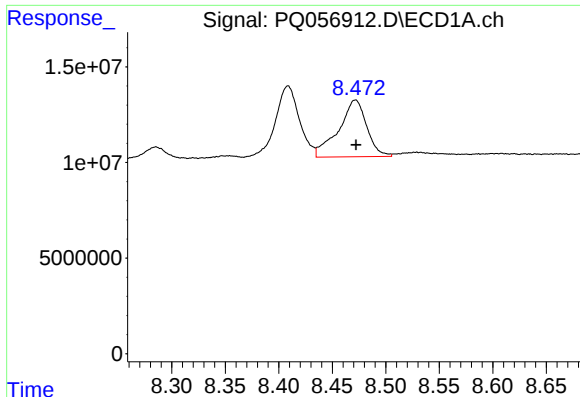
#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: -0.004 min
Response: 117366572
Conc: 169.99 ng/ml



#34 AR-1260-4

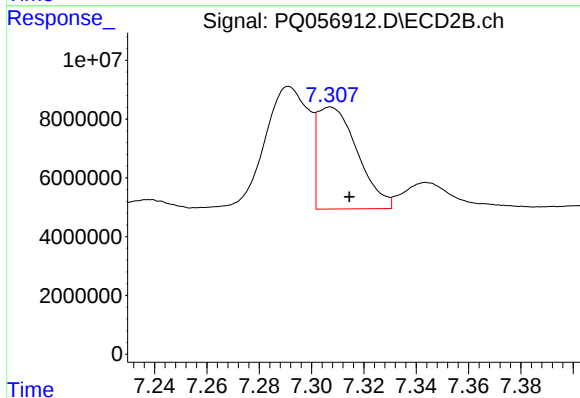
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 14956547
Conc: 28.29 ng/ml



#35 AR-1260-5

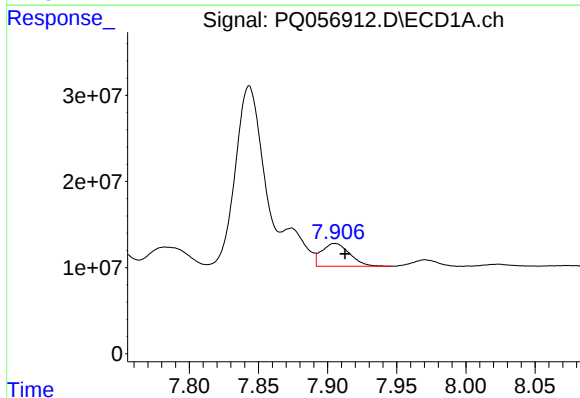
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 54398821
Conc: 39.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



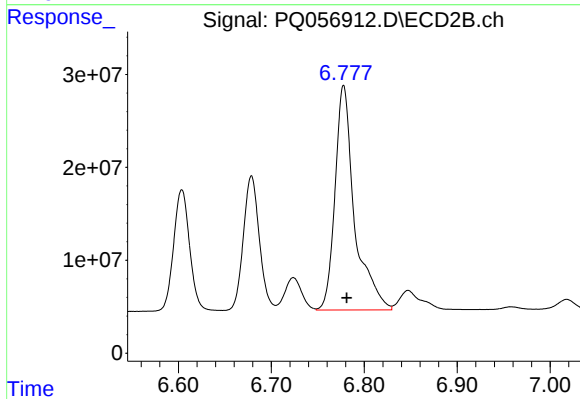
#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 36946936
Conc: 28.23 ng/ml



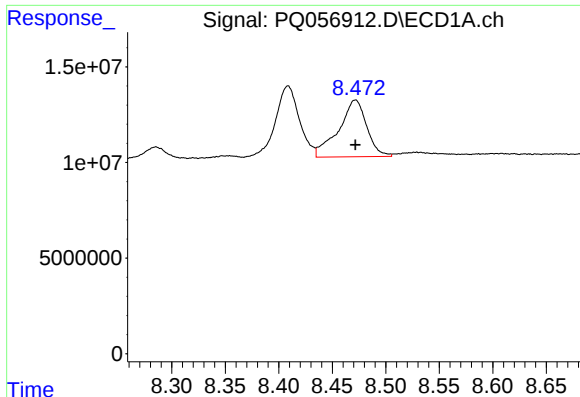
#36 AR-1262-1

R.T.: 7.905 min
Delta R.T.: -0.007 min
Response: 37421943
Conc: 37.33 ng/ml



#36 AR-1262-1

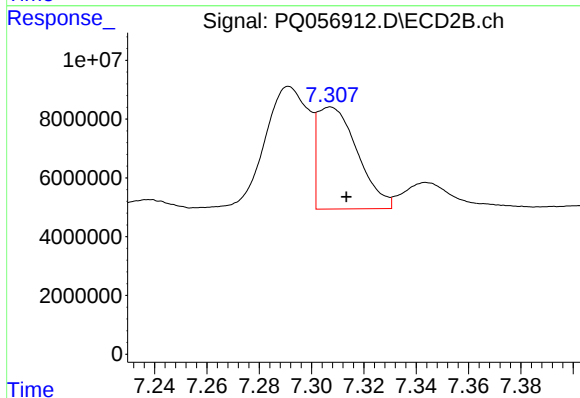
R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 352811833
Conc: 833.19 ng/ml



#37 AR-1262-2

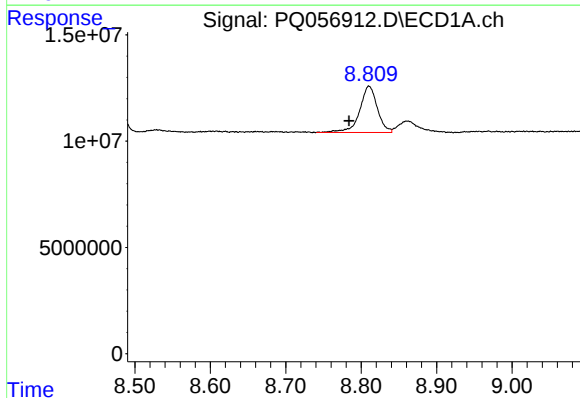
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 54398821
Conc: 29.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



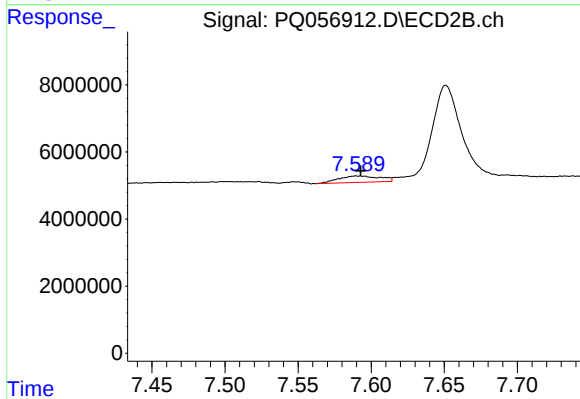
#37 AR-1262-2

R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 36946936
Conc: 23.14 ng/ml



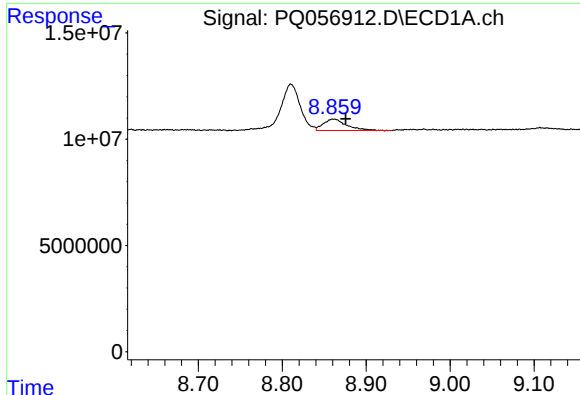
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.026 min
Response: 35630904
Conc: 44.15 ng/ml



#38 AR-1262-3

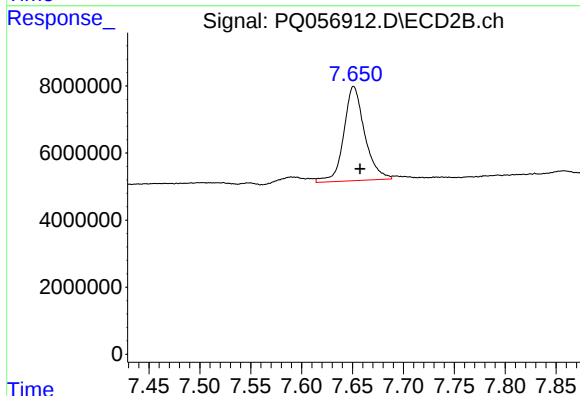
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 3772549
Conc: 5.88 ng/ml



#39 AR-1262-4

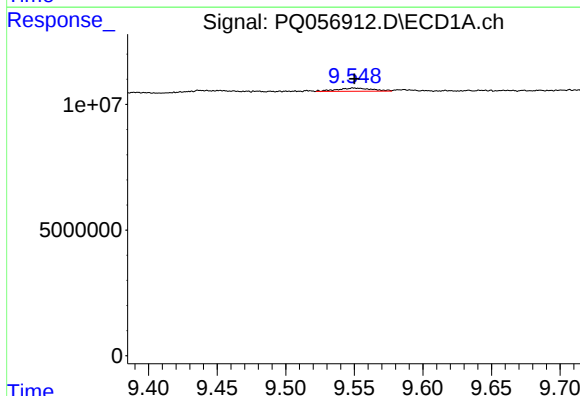
R.T.: 8.861 min
Delta R.T.: -0.015 min
Response: 10565485
Conc: 17.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



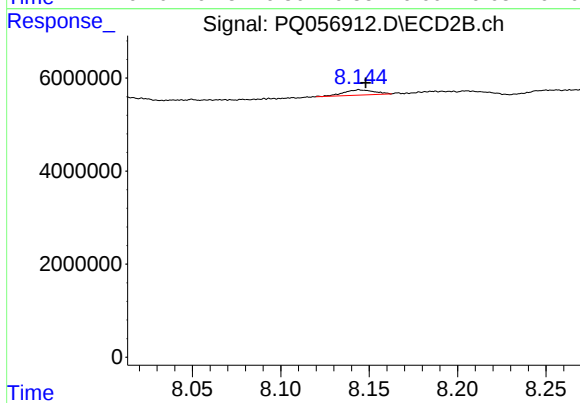
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 40157234
Conc: 34.03 ng/ml



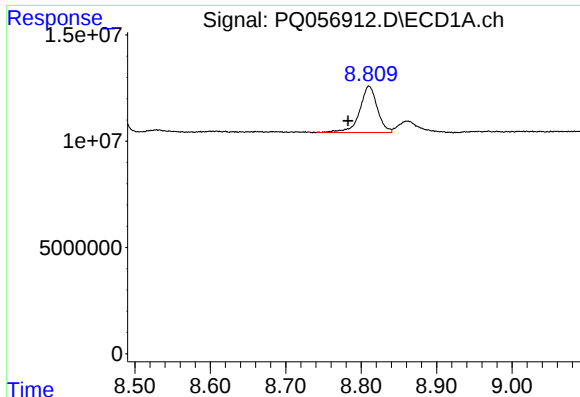
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 2232794
Conc: 3.32 ng/ml



#40 AR-1262-5

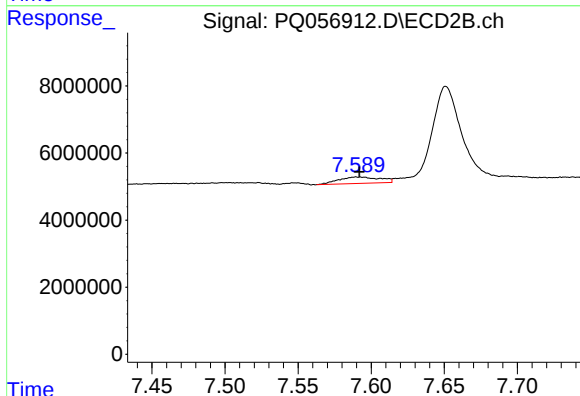
R.T.: 8.145 min
Delta R.T.: -0.004 min
Response: 1353663
Conc: 2.70 ng/ml



#41 AR-1268-1

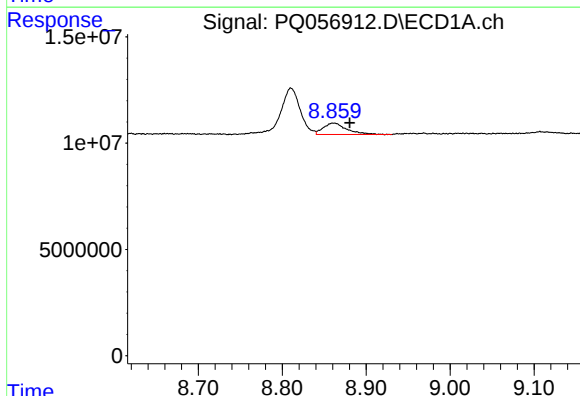
R.T.: 8.810 min
Delta R.T.: 0.028 min
Response: 35630904
Conc: 16.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



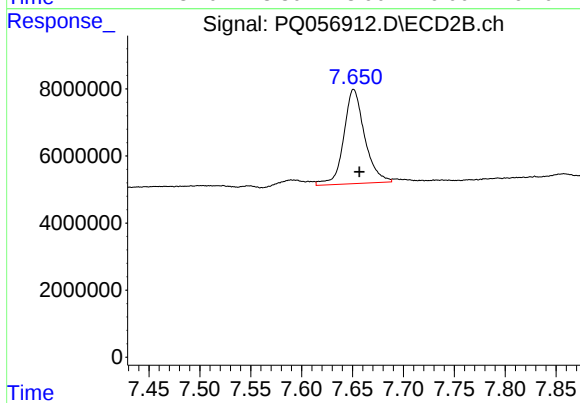
#41 AR-1268-1

R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 3772549
Conc: 2.04 ng/ml



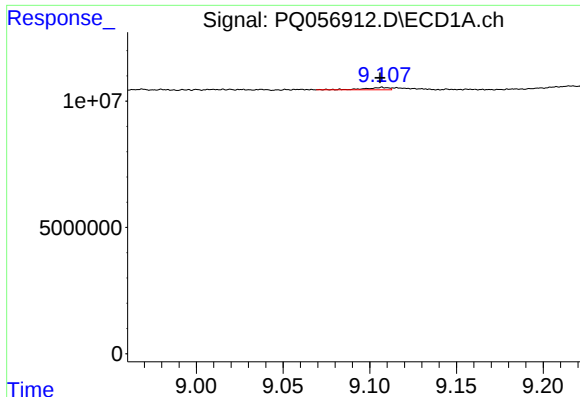
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: -0.019 min
Response: 10565485
Conc: 5.03 ng/ml



#42 AR-1268-2

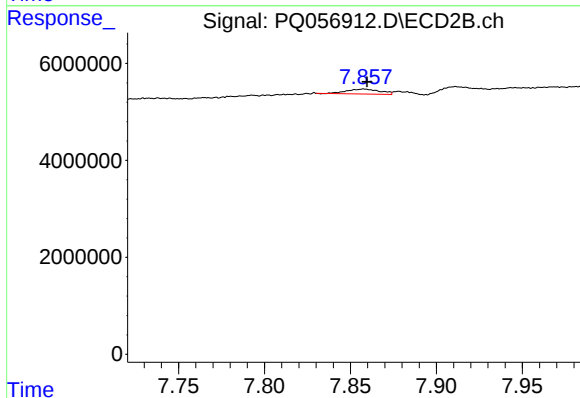
R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 40157234
Conc: 23.87 ng/ml



#43 AR-1268-3

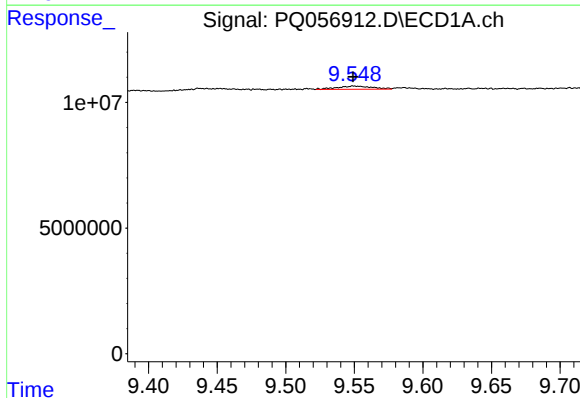
R.T.: 9.107 min
Delta R.T.: 0.001 min
Response: 877444
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



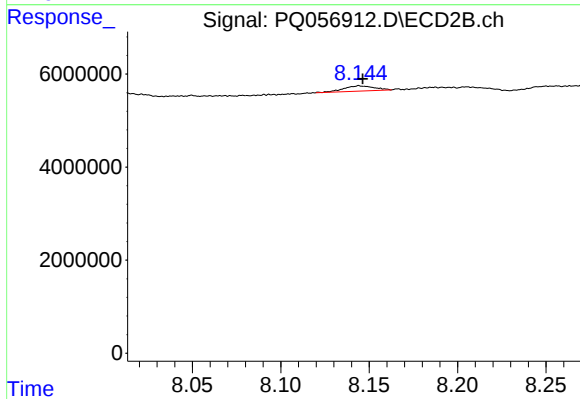
#43 AR-1268-3

R.T.: 7.858 min
Delta R.T.: -0.002 min
Response: 1329003
Conc: 1.04 ng/ml



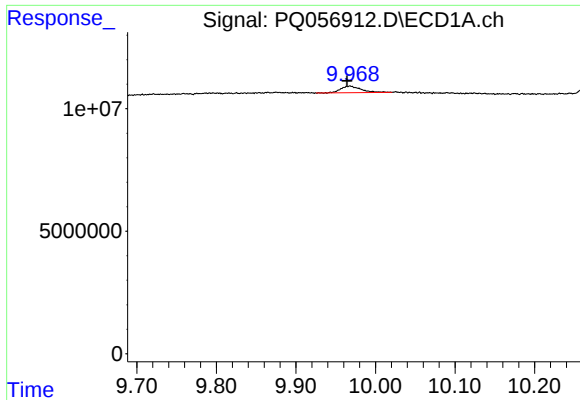
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 2232794
Conc: 3.10 ng/ml



#44 AR-1268-4

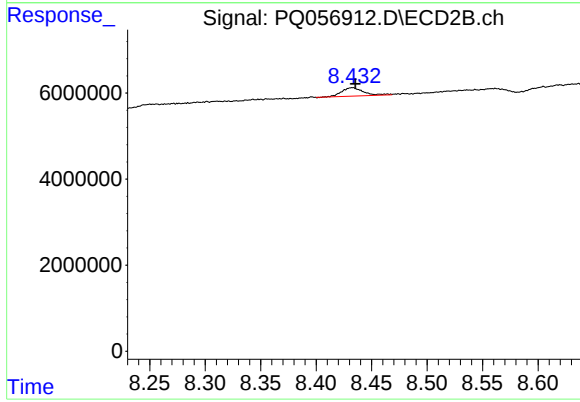
R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 1353663
Conc: 2.46 ng/ml



#45 AR-1268-5

R.T.: 9.968 min
Delta R.T.: 0.004 min
Response: 4628646
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.003 min
Response: 2644337
Conc: 0.59 ng/ml