

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
 Data File : PQ056655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 12:03
 Operator : YP\AJ
 Sample : AR1248CCC400
 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: Mar 17 23:07:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 09:32:52 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	3.749	304.5E6	241.8E6	20.302	19.915
2)	SA Decachlor...	10.306	8.691	611.6E6	407.6E6	42.990	41.528
Target Compounds							
3)	L1 AR-1016-1	5.710	4.817	70492082	88344313	219.485	232.531
4)	L1 AR-1016-2	5.734	4.836	134.6E6	121.9E6	202.687	188.249
5)	L1 AR-1016-3	5.794	5.010	72472235	60851188	165.322	205.537
6)	L1 AR-1016-4	5.894	5.046	72354816	134.4E6	206.039	550.477 #
7)	L1 AR-1016-5	6.181	5.258	152.7E6	165.7E6	536.819	533.251
9)	L2 AR-1221-2	4.843	4.046	4136355	3729786	40.278	42.995
10)	L2 AR-1221-3	4.915	4.119	6932282	7086160	19.397	22.804
11)	L3 AR-1232-1	4.915	4.119	6932282	7086160	24.177	28.096
12)	L3 AR-1232-2	5.438	4.836	47963746	121.9E6	303.371	449.415 #
13)	L3 AR-1232-3	5.734	5.010	134.6E6	60851188	469.638	508.860
14)	L3 AR-1232-4	5.894	5.089	72354816	140.6E6	498.059	1275.642 #
15)	L3 AR-1232-5	5.974	5.258	125.6E6	165.7E6	1397.525	1331.508
16)	L4 AR-1242-1	5.710	4.817	70492082	88344313	285.682	298.518
17)	L4 AR-1242-2	5.734	4.836	134.6E6	121.9E6	252.581	238.725
18)	L4 AR-1242-3	5.794	5.010	72472235	60851188	203.693	262.715 #
19)	L4 AR-1242-4	5.894	5.089	72354816	140.6E6	259.400	606.306 #
20)	L4 AR-1242-5	6.628	5.605	193.6E6	240.1E6	666.249	804.046
21)	L5 AR-1248-1	5.710	4.817	70492082	88344313	406.115	413.200
22)	L5 AR-1248-2	5.974	5.046	125.6E6	134.4E6	426.760	423.060
23)	L5 AR-1248-3	6.181	5.089	152.7E6	140.6E6	420.442	420.324
24)	L5 AR-1248-4	6.589	5.258	168.6E6	165.7E6	410.760	416.792
25)	L5 AR-1248-5	6.628	5.647	193.6E6	200.6E6	410.290	491.229
26)	L6 AR-1254-1	6.559	5.605	119.5E6	240.1E6	291.977	357.704
27)	L6 AR-1254-2	6.784	5.749	174.5E6	65766833	267.749	115.025 #
28)	L6 AR-1254-3	7.143	6.148	106.2E6	102.2E6	133.390	108.009
29)	L6 AR-1254-4	7.433	6.375	62389544	70326796	119.466	104.682
30)	L6 AR-1254-5	7.847	6.785	17816421	19879213	29.317	24.363
31)	L7 AR-1260-1	7.271	6.291	45029140	48238359	96.966	85.547
32)	L7 AR-1260-2	7.556	6.460	15913366	7731474	28.923	11.305 #
33)	L7 AR-1260-3	7.847	6.611	17816421	10423812	25.142	16.294 #
34)	L7 AR-1260-4	8.142	7.117f	9117008	5010317	16.918	9.345 #
35)	L7 AR-1260-5	8.474	7.316	5619208	2473852	4.844	1.863 #
36)	L8 AR-1262-1	7.910	6.785	4843654	19879213	6.841	47.128 #
37)	L8 AR-1262-2	8.474	7.316	5619208	2473852	3.788	1.545 #
38)	L8 AR-1262-3	8.813	7.661f	2981231	2692931	4.320	4.518
39)	L8 AR-1262-4	8.872	7.661	1702740	2692931	2.516	2.332
41)	L9 AR-1268-1	8.813	7.661f	2981231	2692931	1.608	1.483
42)	L9 AR-1268-2	8.872	7.661	1702740	2692931	0.851	1.627 #
43)	L9 AR-1268-3	9.110	0.000	1731310	0	0.987	N.D. #

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 QLast Update : Wed Mar 16 09:32:52 2022
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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
45) L9	AR-1268-5	9.974	8.441	5401993	2368331	0.888	0.545 #

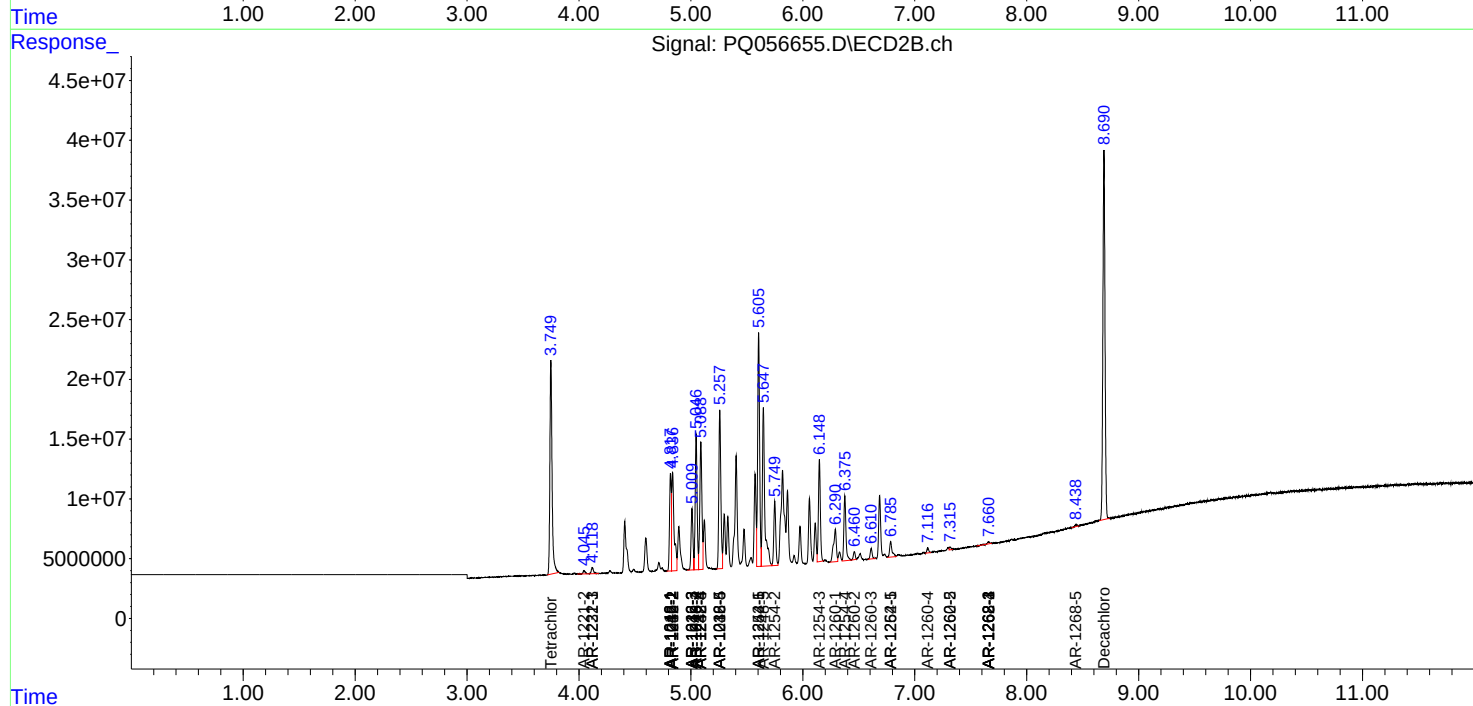
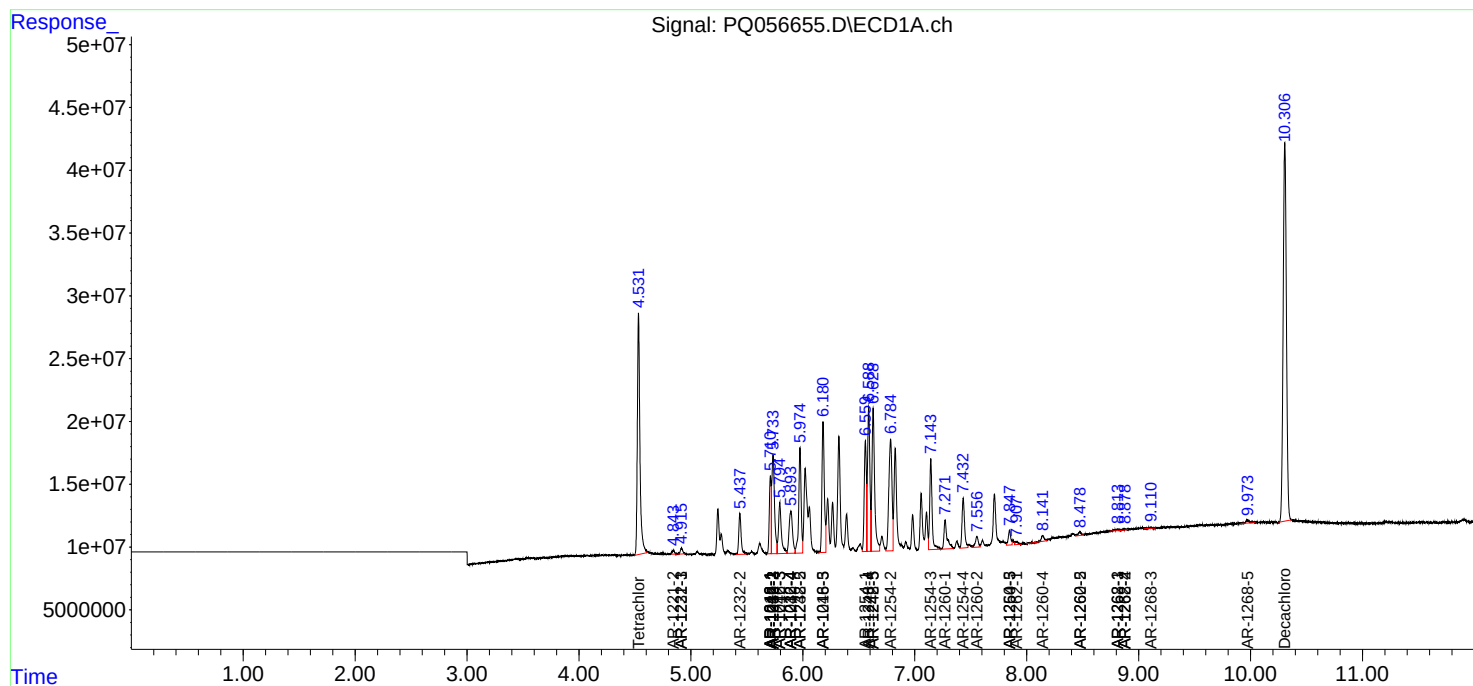
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

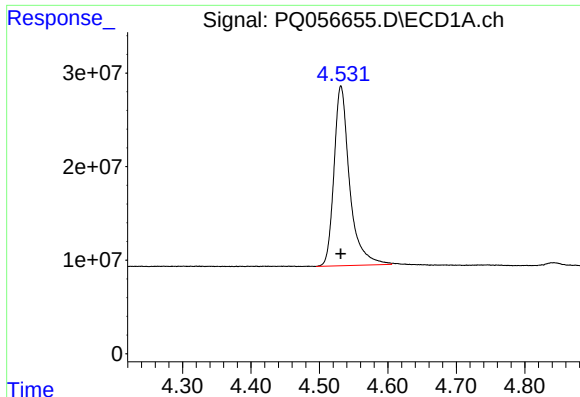
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031722\
Data File : PQ056655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2022 12:03
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Sample : AR1248CCC400
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Volume Inj. : 1 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

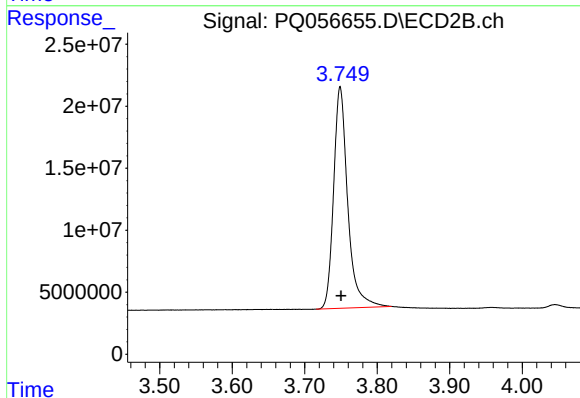




#1 Tetrachloro-m-xylene

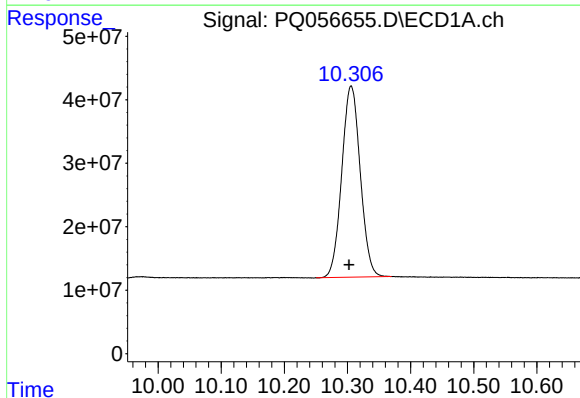
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 304527292
Conc: 20.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



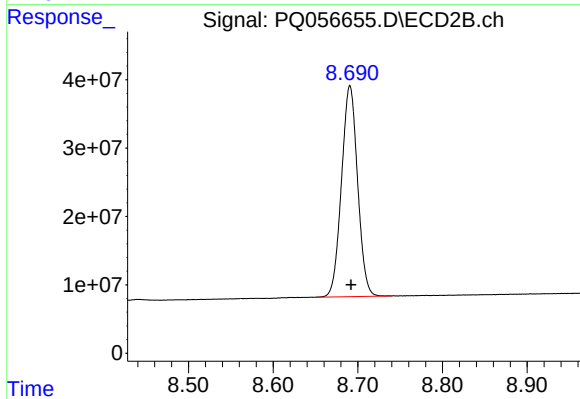
#1 Tetrachloro-m-xylene

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 241784619
Conc: 19.92 ng/ml



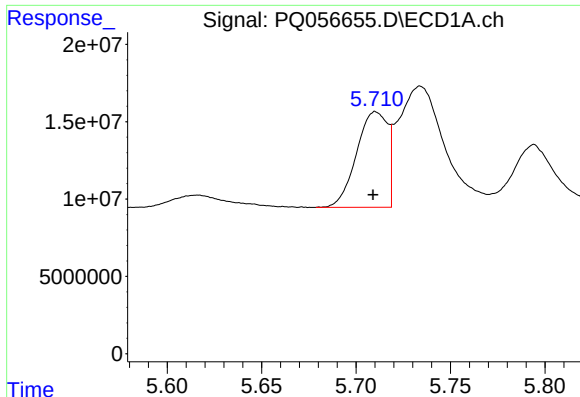
#2 Decachlorobiphenyl

R.T.: 10.306 min
Delta R.T.: 0.003 min
Response: 611606517
Conc: 42.99 ng/ml



#2 Decachlorobiphenyl

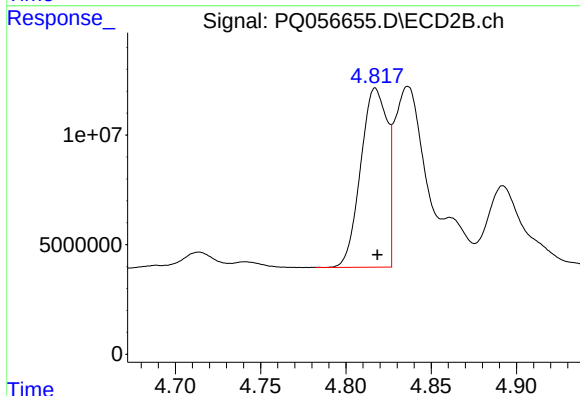
R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 407581027
Conc: 41.53 ng/ml



#3 AR-1016-1

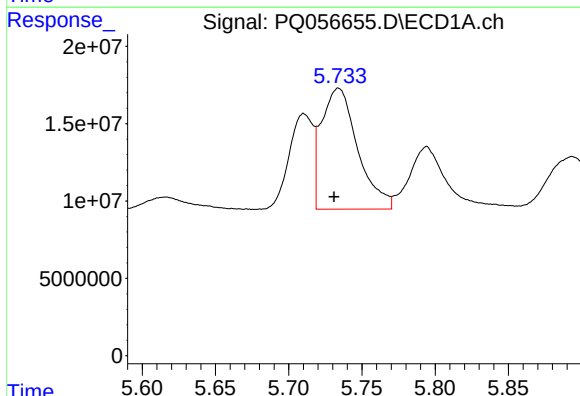
R.T.: 5.710 min
Delta R.T.: 0.001 min
Response: 70492082
Conc: 219.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



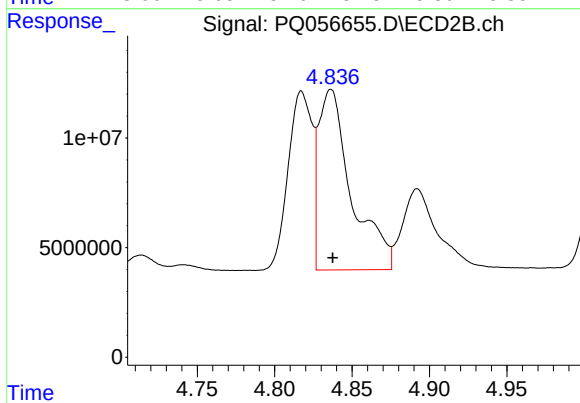
#3 AR-1016-1

R.T.: 4.817 min
Delta R.T.: -0.001 min
Response: 88344313
Conc: 232.53 ng/ml



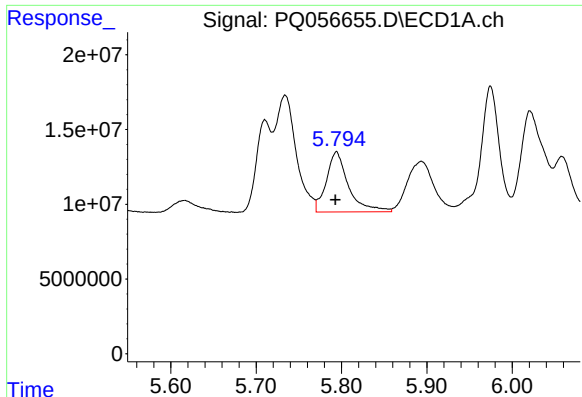
#4 AR-1016-2

R.T.: 5.734 min
Delta R.T.: 0.003 min
Response: 134622974
Conc: 202.69 ng/ml



#4 AR-1016-2

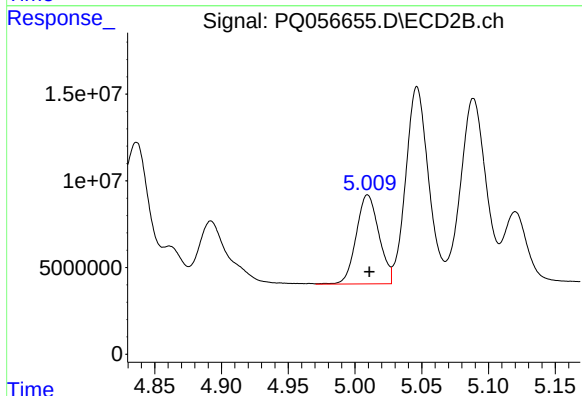
R.T.: 4.836 min
Delta R.T.: -0.001 min
Response: 121891707
Conc: 188.25 ng/ml



#5 AR-1016-3

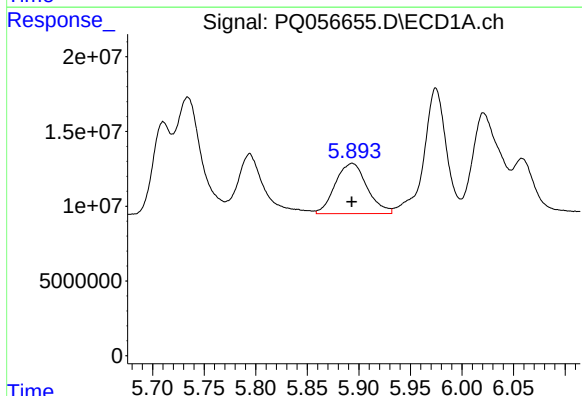
R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 72472235
Conc: 165.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



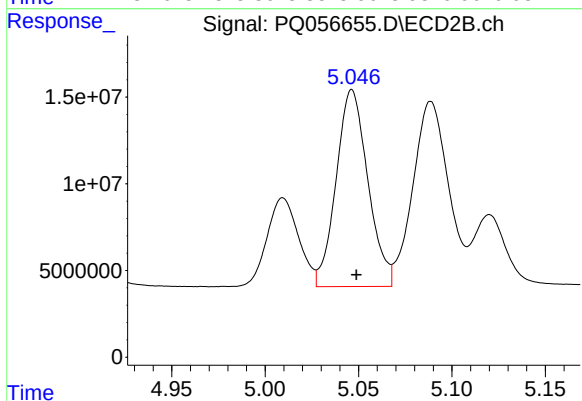
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 60851188
Conc: 205.54 ng/ml



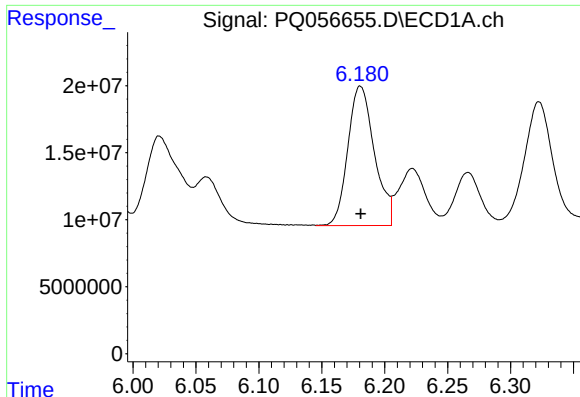
#6 AR-1016-4

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 72354816
Conc: 206.04 ng/ml



#6 AR-1016-4

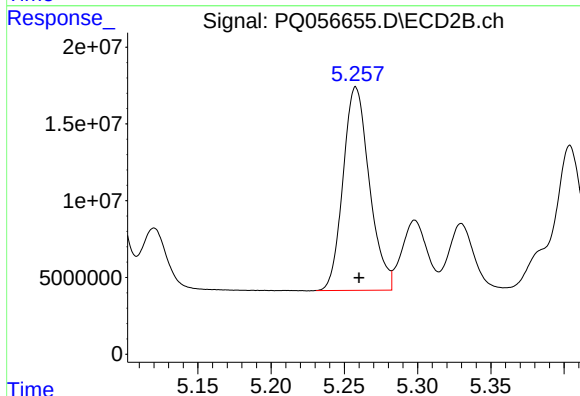
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 134383380
Conc: 550.48 ng/ml



#7 AR-1016-5

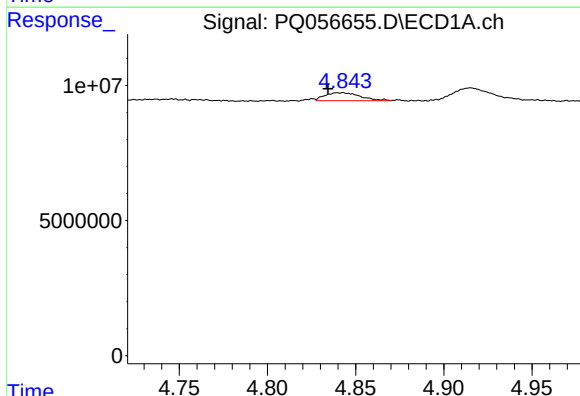
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 152694499
Conc: 536.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



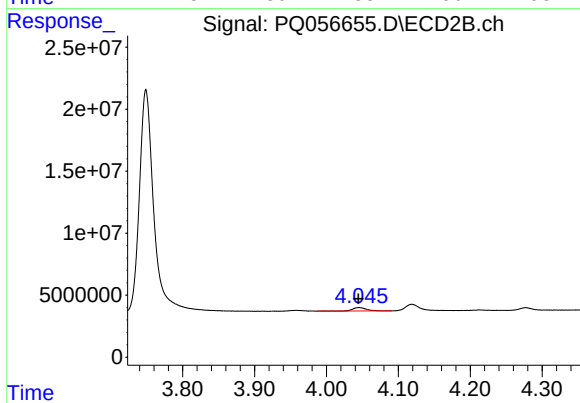
#7 AR-1016-5

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 165706445
Conc: 533.25 ng/ml



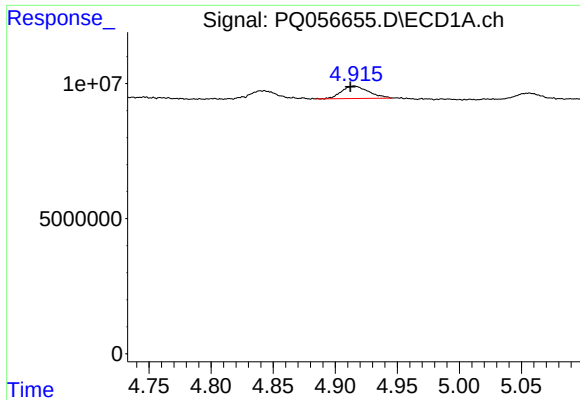
#9 AR-1221-2

R.T.: 4.843 min
Delta R.T.: 0.009 min
Response: 4136355
Conc: 40.28 ng/ml



#9 AR-1221-2

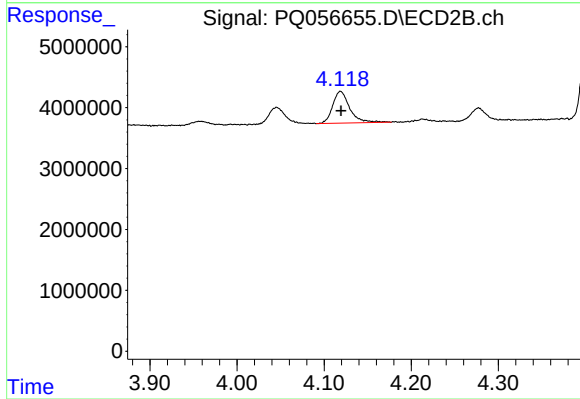
R.T.: 4.046 min
Delta R.T.: 0.001 min
Response: 3729786
Conc: 43.00 ng/ml



#10 AR-1221-3

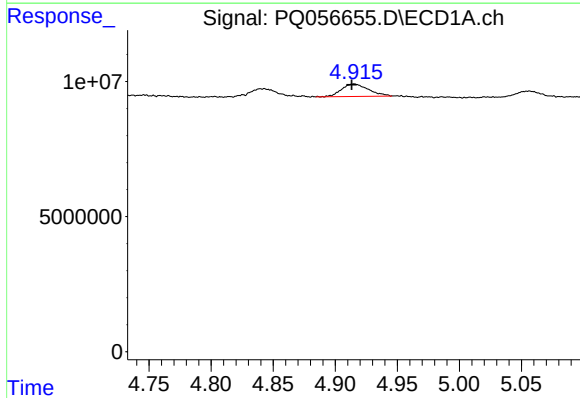
R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 6932282
Conc: 19.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



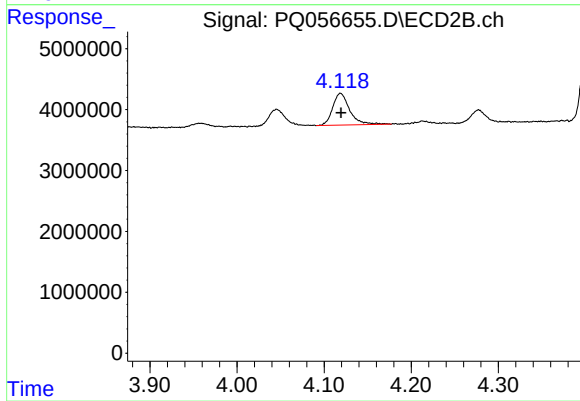
#10 AR-1221-3

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 7086160
Conc: 22.80 ng/ml



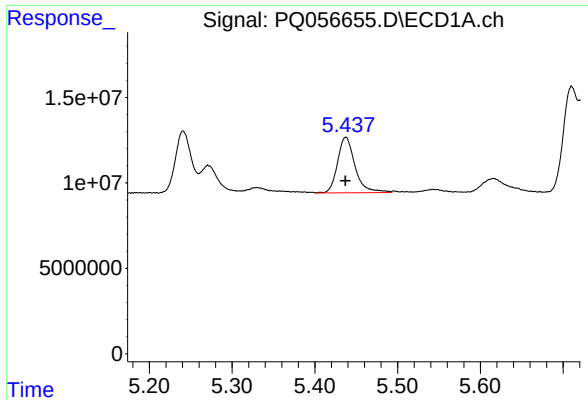
#11 AR-1232-1

R.T.: 4.915 min
Delta R.T.: 0.002 min
Response: 6932282
Conc: 24.18 ng/ml



#11 AR-1232-1

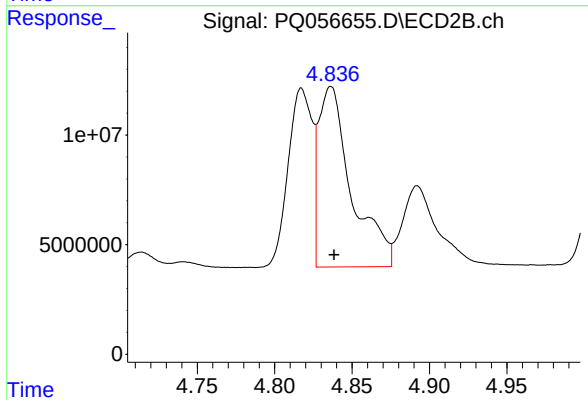
R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 7086160
Conc: 28.10 ng/ml



#12 AR-1232-2

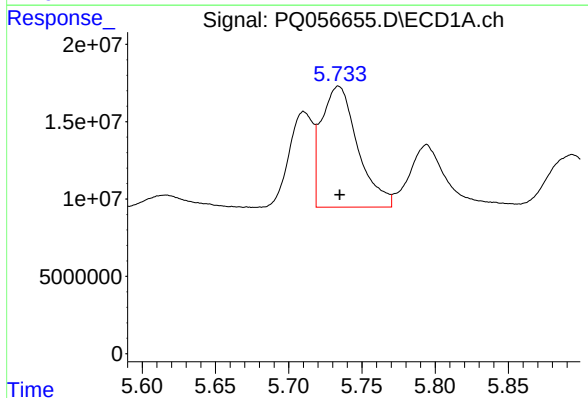
R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 47963746
Conc: 303.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



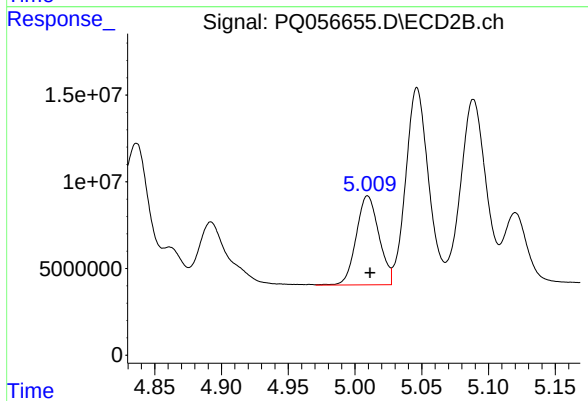
#12 AR-1232-2

R.T.: 4.836 min
Delta R.T.: -0.002 min
Response: 121891707
Conc: 449.41 ng/ml



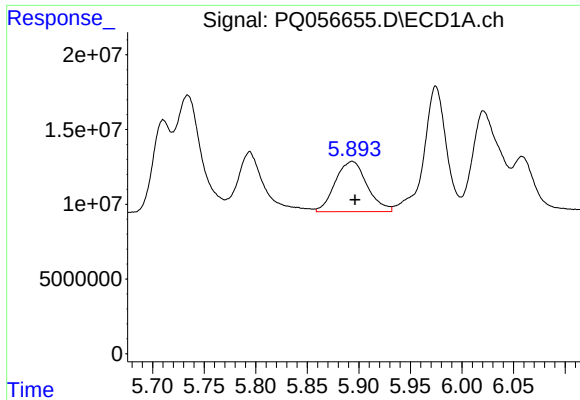
#13 AR-1232-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 134622974
Conc: 469.64 ng/ml



#13 AR-1232-3

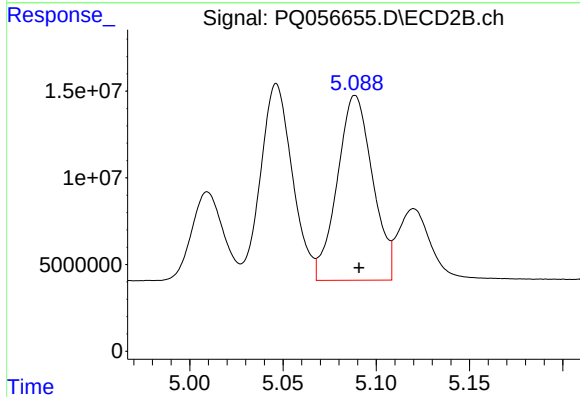
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 60851188
Conc: 508.86 ng/ml



#14 AR-1232-4

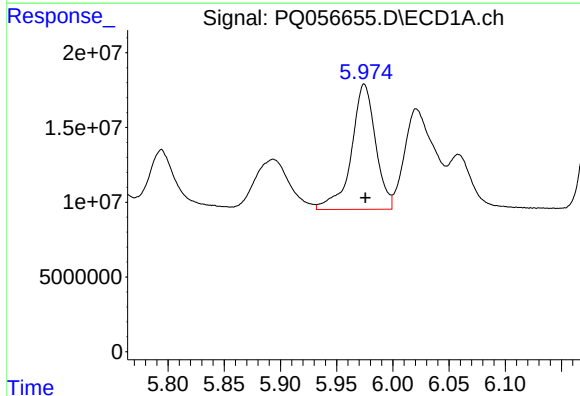
R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 72354816
Conc: 498.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



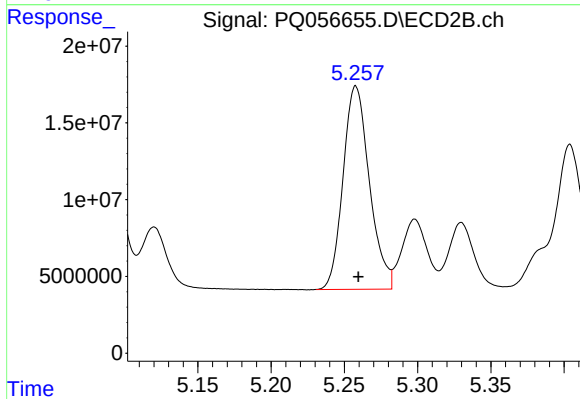
#14 AR-1232-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 140600742
Conc: 1275.64 ng/ml



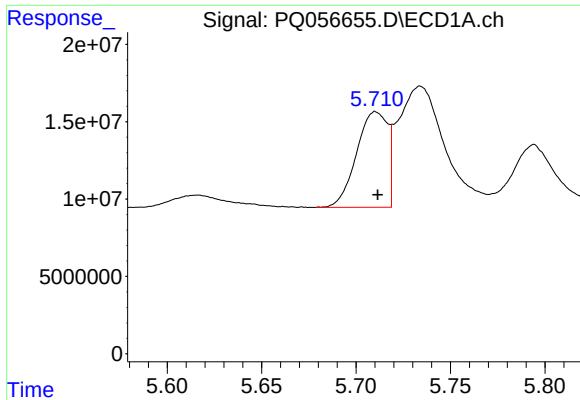
#15 AR-1232-5

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 125606469
Conc: 1397.52 ng/ml



#15 AR-1232-5

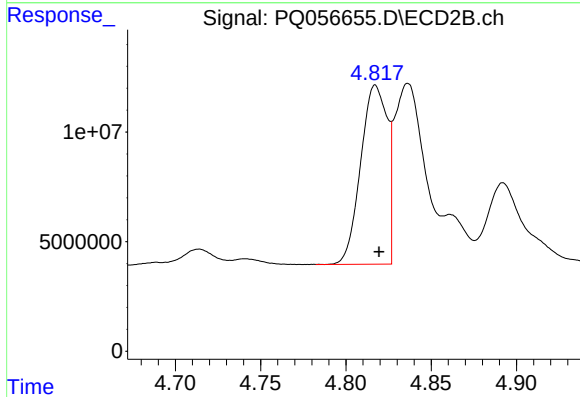
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 165706445
Conc: 1331.51 ng/ml



#16 AR-1242-1

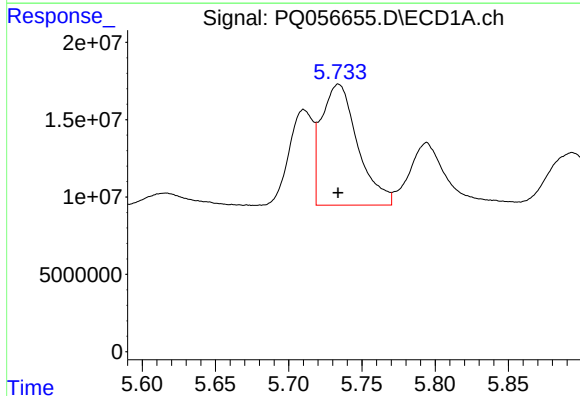
R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 70492082
Conc: 285.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



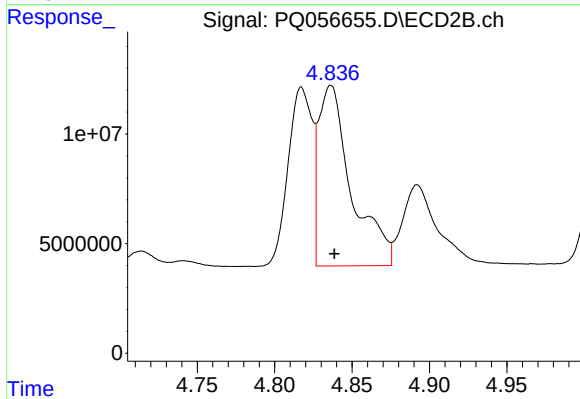
#16 AR-1242-1

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 88344313
Conc: 298.52 ng/ml



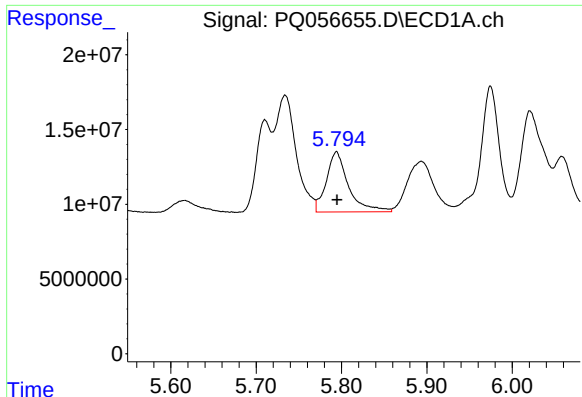
#17 AR-1242-2

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 134622974
Conc: 252.58 ng/ml



#17 AR-1242-2

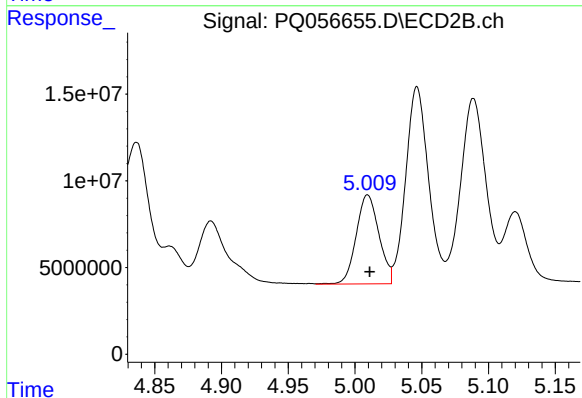
R.T.: 4.836 min
Delta R.T.: -0.002 min
Response: 121891707
Conc: 238.72 ng/ml



#18 AR-1242-3

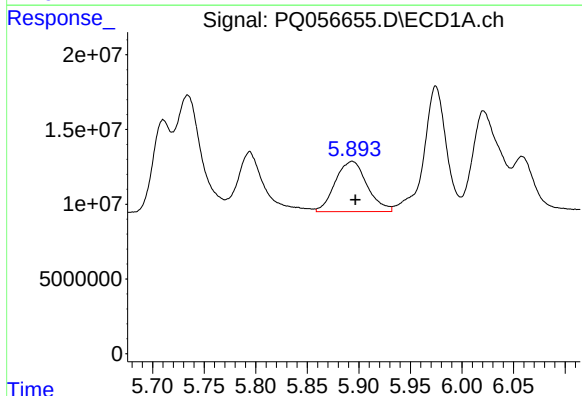
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 72472235
Conc: 203.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



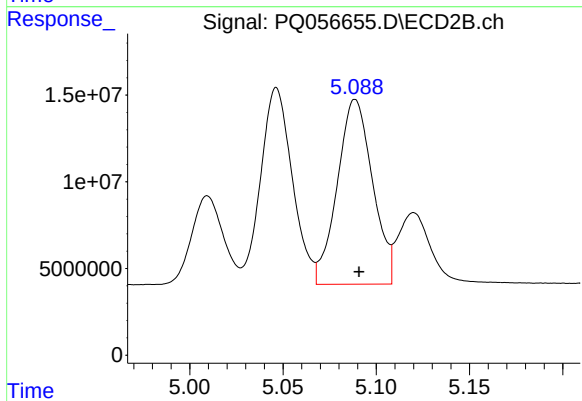
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 60851188
Conc: 262.71 ng/ml



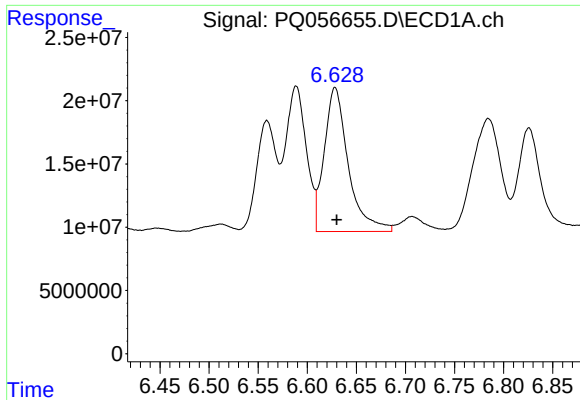
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 72354816
Conc: 259.40 ng/ml



#19 AR-1242-4

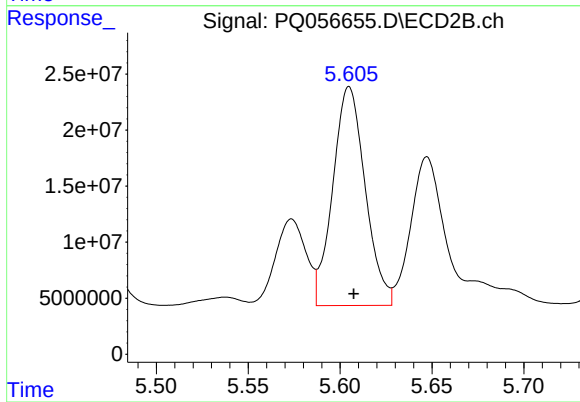
R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 140600742
Conc: 606.31 ng/ml



#20 AR-1242-5

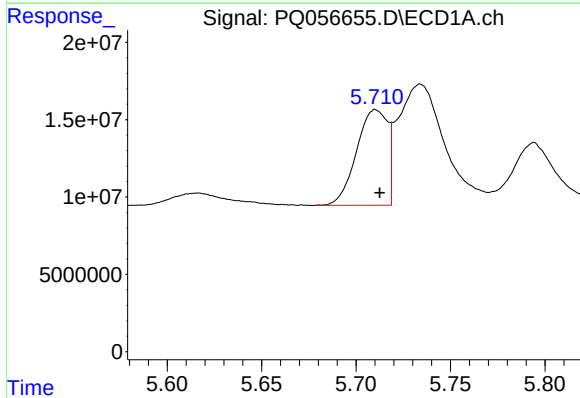
R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 193626008
Conc: 666.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



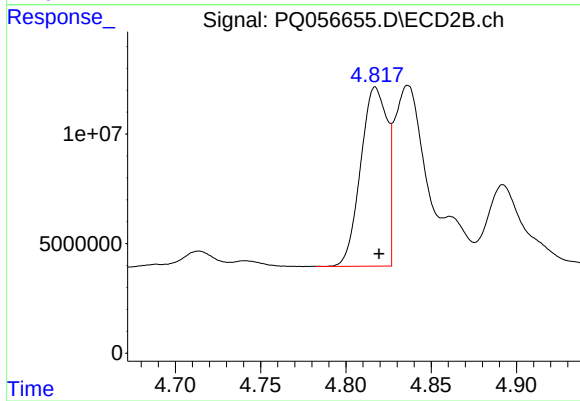
#20 AR-1242-5

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 240135206
Conc: 804.05 ng/ml



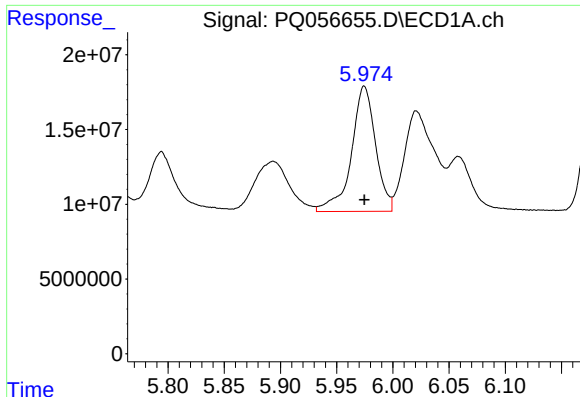
#21 AR-1248-1

R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 70492082
Conc: 406.12 ng/ml



#21 AR-1248-1

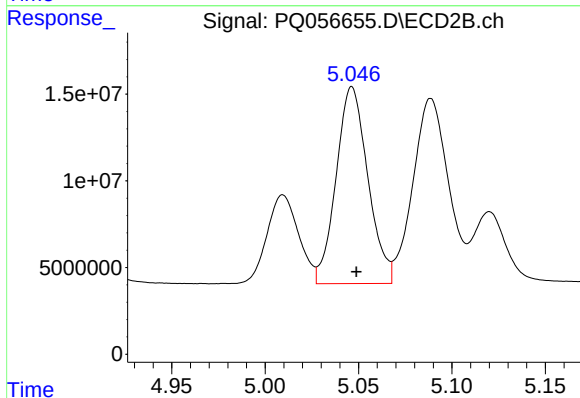
R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 88344313
Conc: 413.20 ng/ml



#22 AR-1248-2

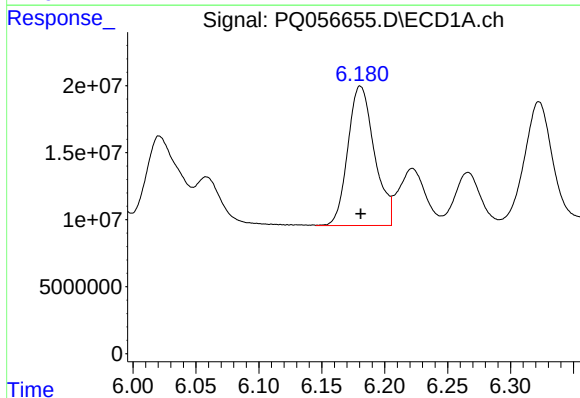
R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 125606469
Conc: 426.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



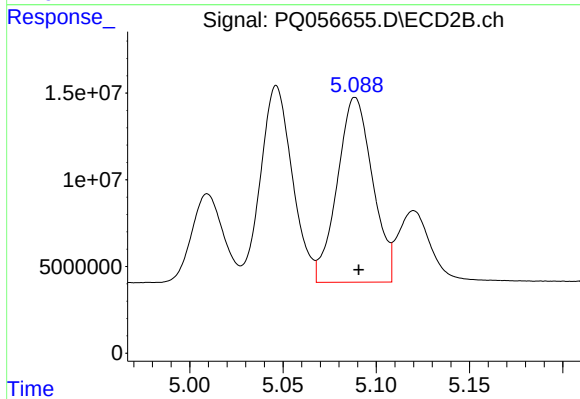
#22 AR-1248-2

R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 134383380
Conc: 423.06 ng/ml



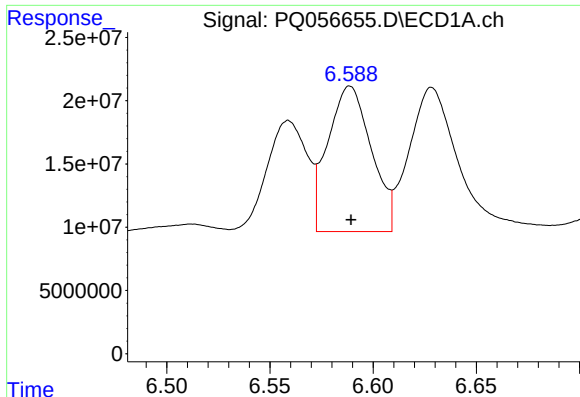
#23 AR-1248-3

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 152694499
Conc: 420.44 ng/ml



#23 AR-1248-3

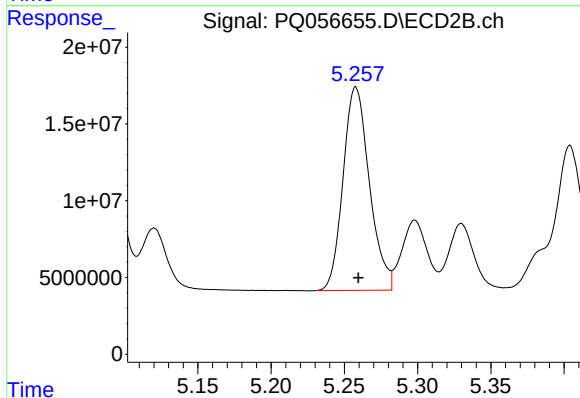
R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 140600742
Conc: 420.32 ng/ml



#24 AR-1248-4

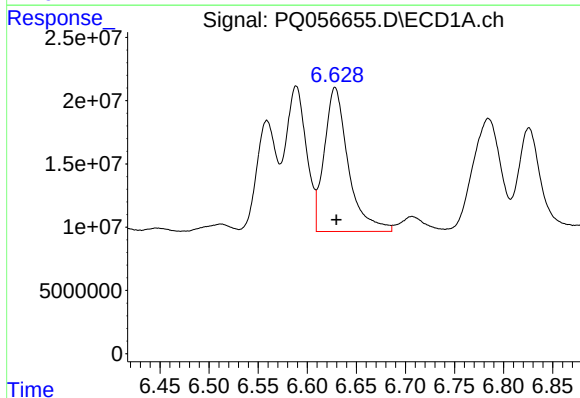
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 168605593
Conc: 410.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



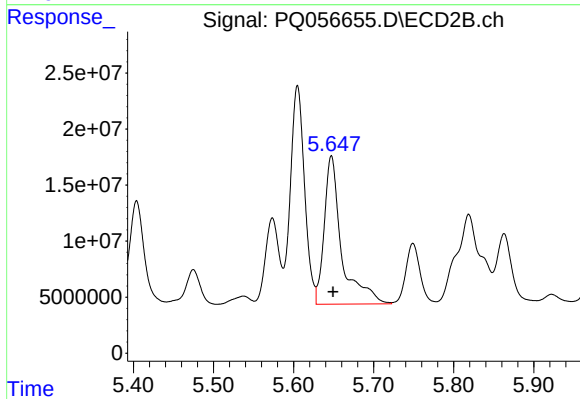
#24 AR-1248-4

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 165706445
Conc: 416.79 ng/ml



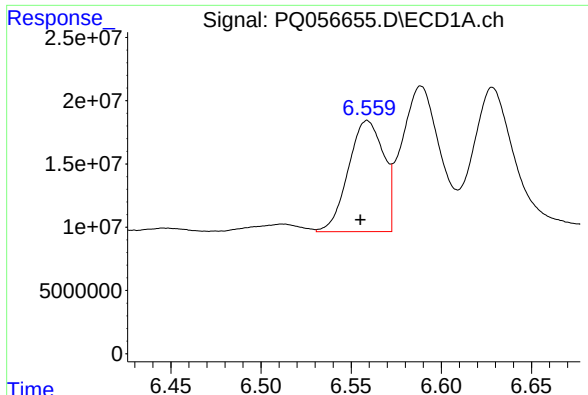
#25 AR-1248-5

R.T.: 6.628 min
Delta R.T.: -0.001 min
Response: 193626008
Conc: 410.29 ng/ml



#25 AR-1248-5

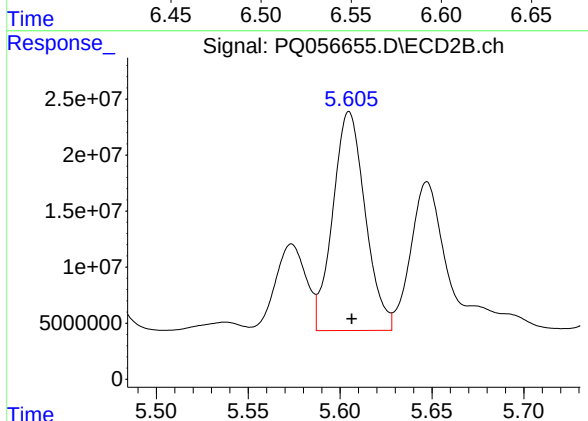
R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 200634583
Conc: 491.23 ng/ml



#26 AR-1254-1

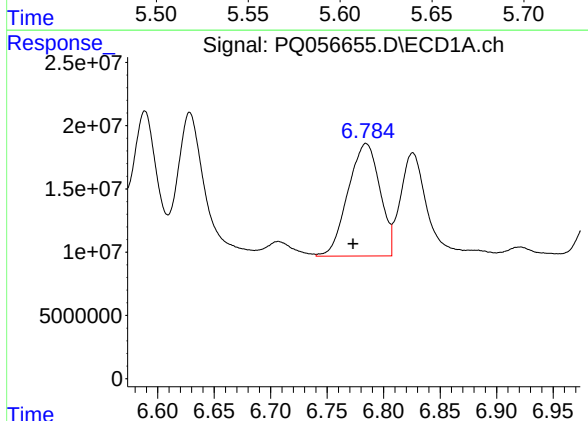
R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 119493252
Conc: 291.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



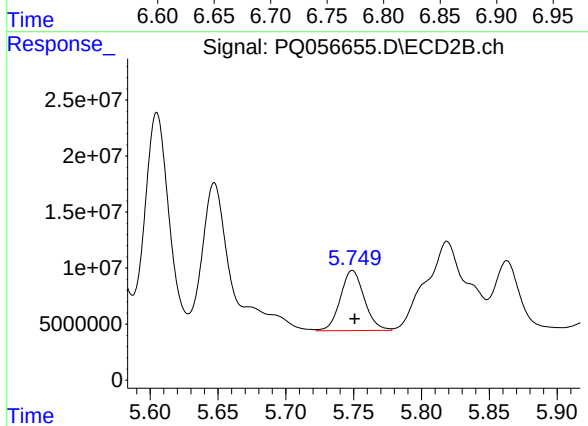
#26 AR-1254-1

R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 240135206
Conc: 357.70 ng/ml



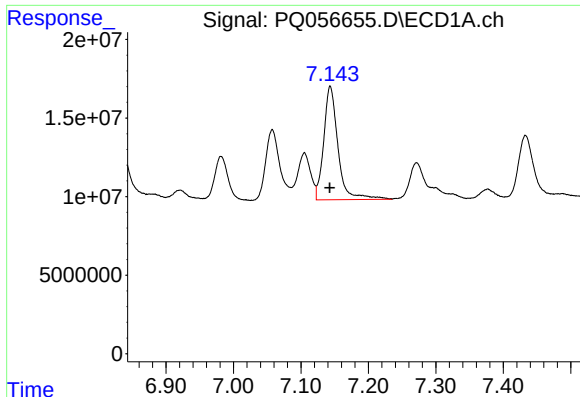
#27 AR-1254-2

R.T.: 6.784 min
Delta R.T.: 0.012 min
Response: 174511339
Conc: 267.75 ng/ml



#27 AR-1254-2

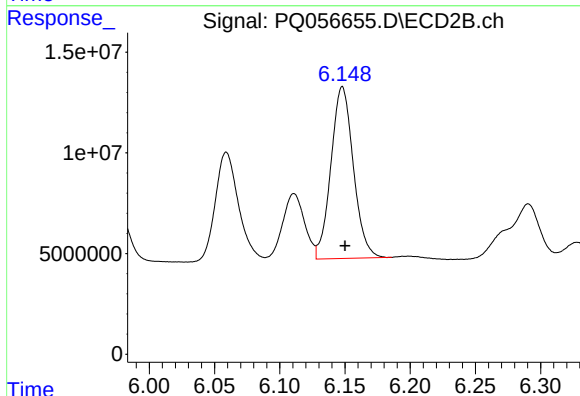
R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 65766833
Conc: 115.03 ng/ml



#28 AR-1254-3

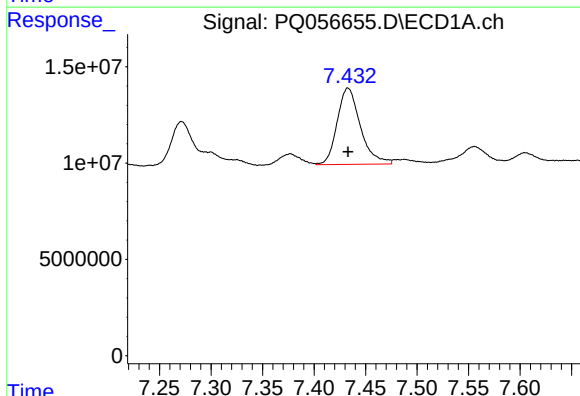
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 106236671
Conc: 133.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



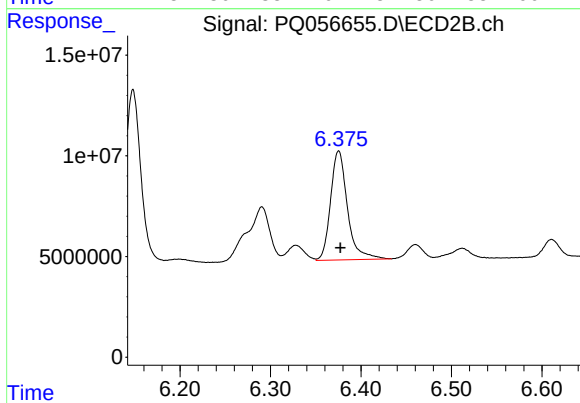
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 102213072
Conc: 108.01 ng/ml



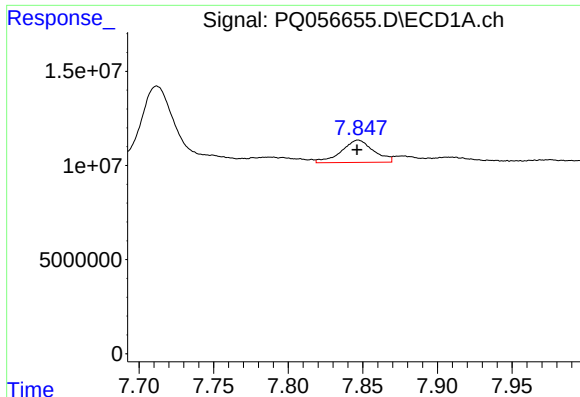
#29 AR-1254-4

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 62389544
Conc: 119.47 ng/ml



#29 AR-1254-4

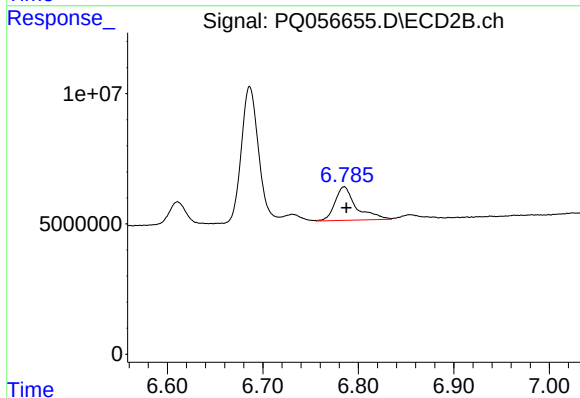
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 70326796
Conc: 104.68 ng/ml



#30 AR-1254-5

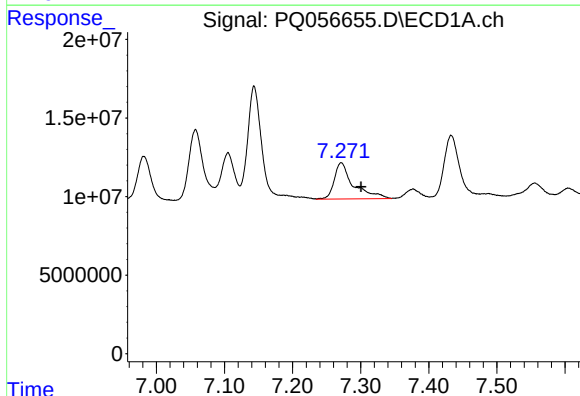
R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 17816421
Conc: 29.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



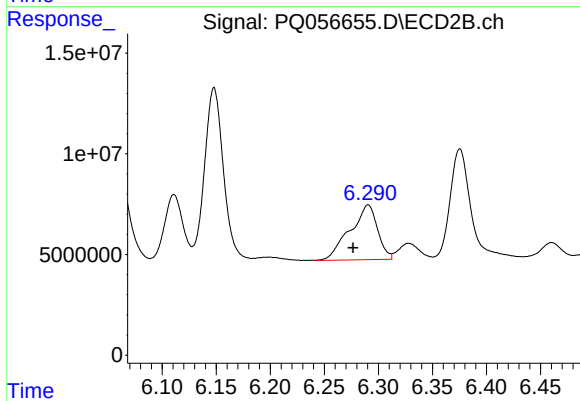
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 19879213
Conc: 24.36 ng/ml



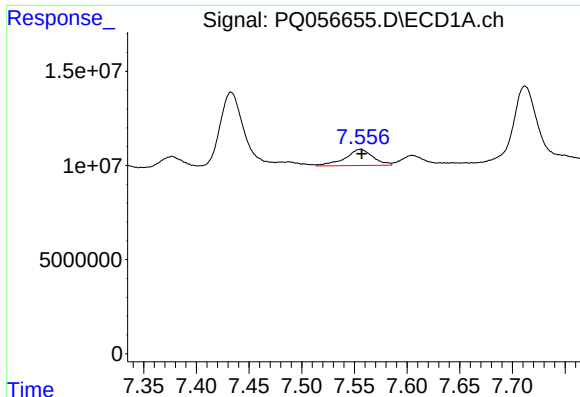
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: -0.029 min
Response: 45029140
Conc: 96.97 ng/ml



#31 AR-1260-1

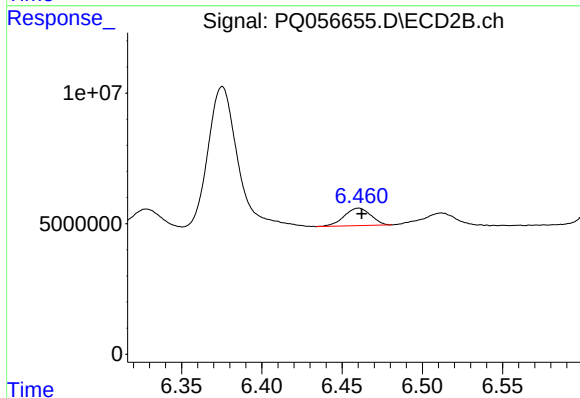
R.T.: 6.291 min
Delta R.T.: 0.014 min
Response: 48238359
Conc: 85.55 ng/ml



#32 AR-1260-2

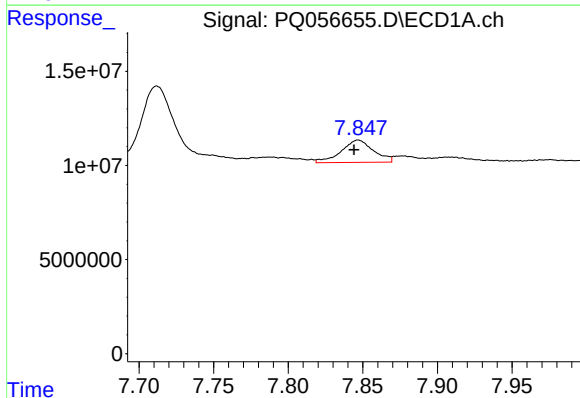
R.T.: 7.556 min
Delta R.T.: -0.001 min
Response: 15913366
Conc: 28.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



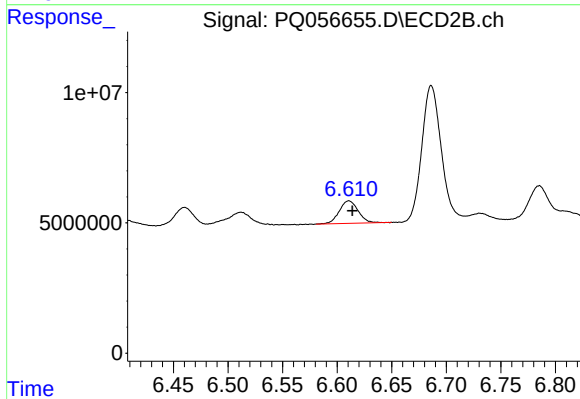
#32 AR-1260-2

R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 7731474
Conc: 11.30 ng/ml



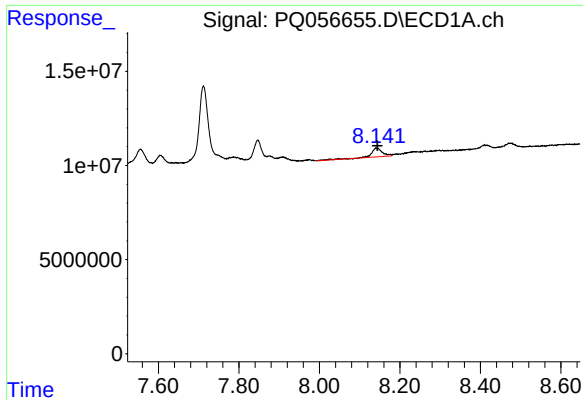
#33 AR-1260-3

R.T.: 7.847 min
Delta R.T.: 0.003 min
Response: 17816421
Conc: 25.14 ng/ml



#33 AR-1260-3

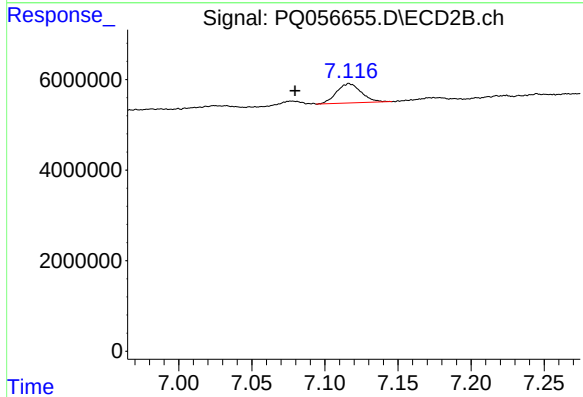
R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 10423812
Conc: 16.29 ng/ml



#34 AR-1260-4

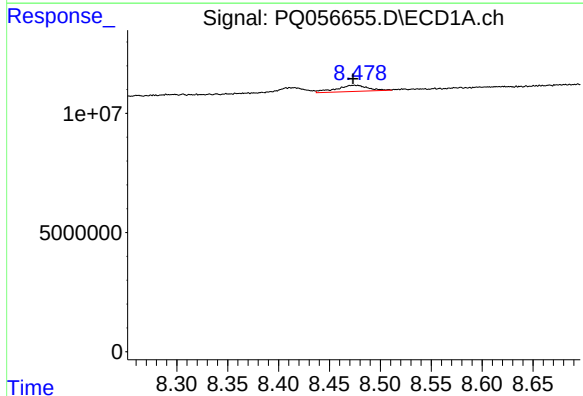
R.T.: 8.142 min
Delta R.T.: -0.003 min
Response: 9117008
Conc: 16.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



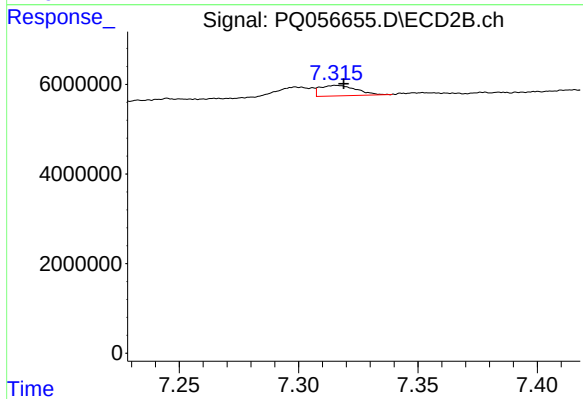
#34 AR-1260-4

R.T.: 7.117 min
Delta R.T.: 0.037 min
Response: 5010317
Conc: 9.34 ng/ml



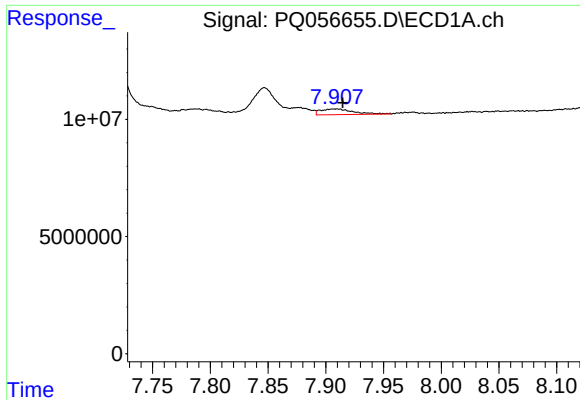
#35 AR-1260-5

R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 5619208
Conc: 4.84 ng/ml



#35 AR-1260-5

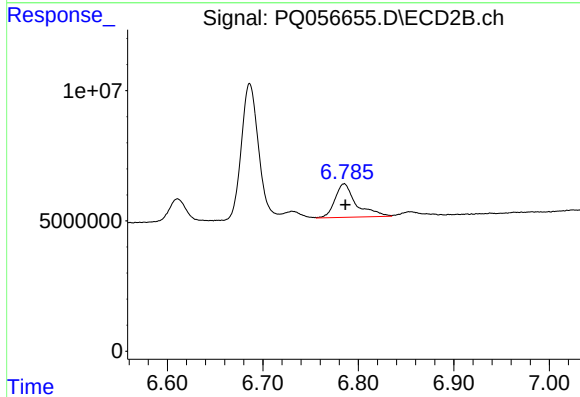
R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2473852
Conc: 1.86 ng/ml



#36 AR-1262-1

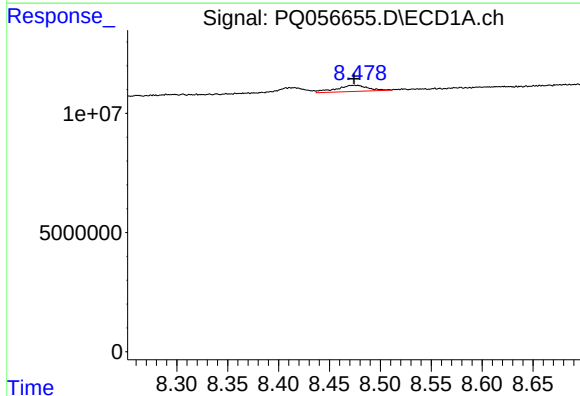
R.T.: 7.910 min
Delta R.T.: -0.005 min
Response: 4843654
Conc: 6.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



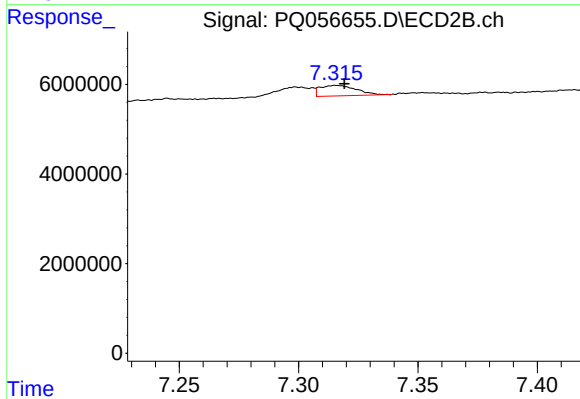
#36 AR-1262-1

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 19879213
Conc: 47.13 ng/ml



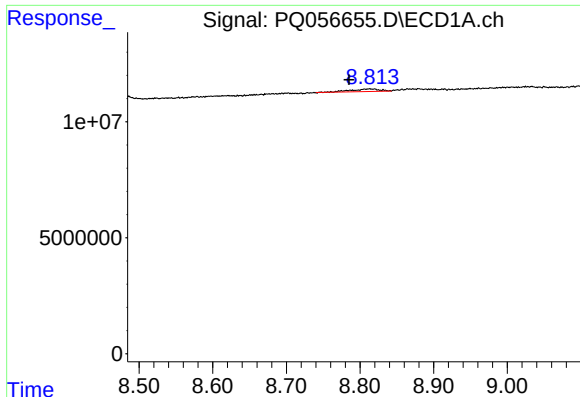
#37 AR-1262-2

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 5619208
Conc: 3.79 ng/ml



#37 AR-1262-2

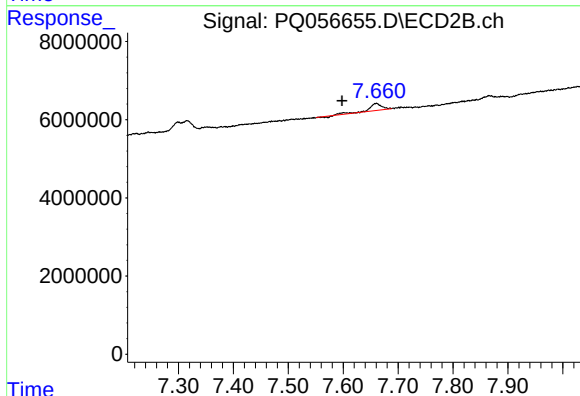
R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2473852
Conc: 1.54 ng/ml



#38 AR-1262-3

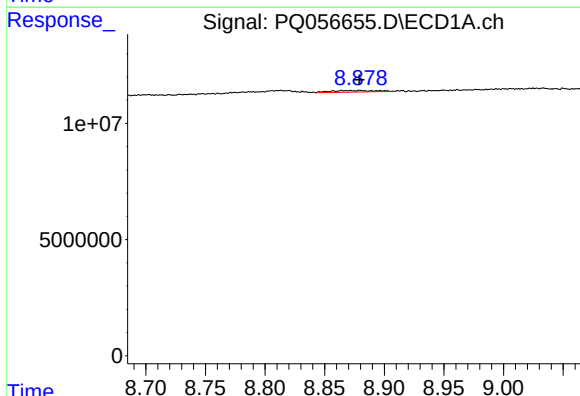
R.T.: 8.813 min
Delta R.T.: 0.028 min
Response: 2981231
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



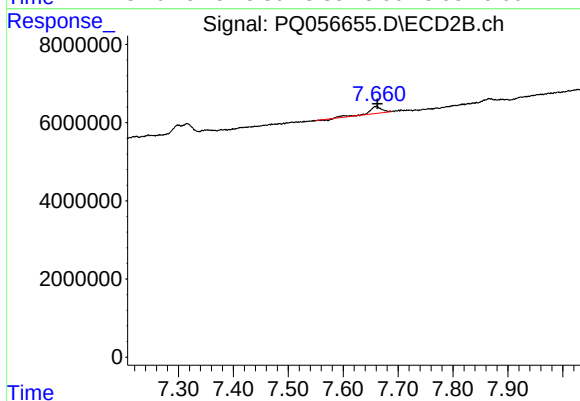
#38 AR-1262-3

R.T.: 7.661 min
Delta R.T.: 0.062 min
Response: 2692931
Conc: 4.52 ng/ml



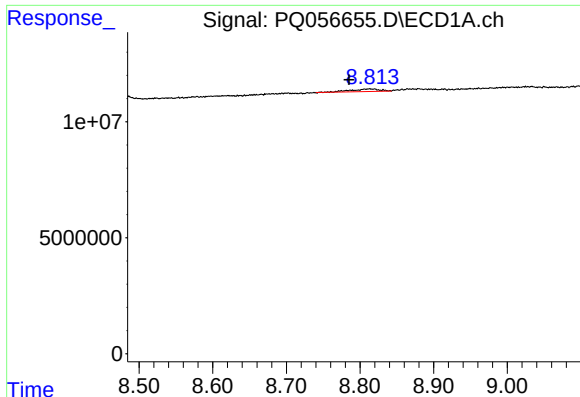
#39 AR-1262-4

R.T.: 8.872 min
Delta R.T.: -0.007 min
Response: 1702740
Conc: 2.52 ng/ml



#39 AR-1262-4

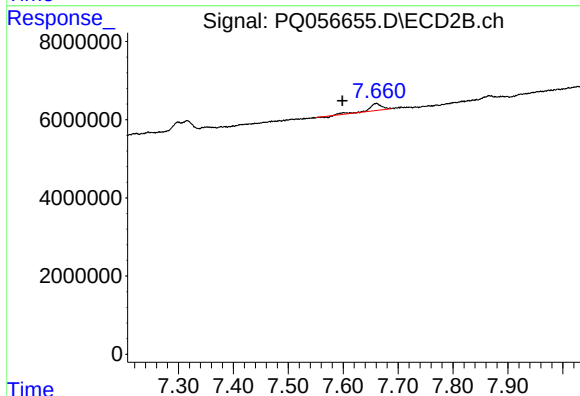
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 2692931
Conc: 2.33 ng/ml



#41 AR-1268-1

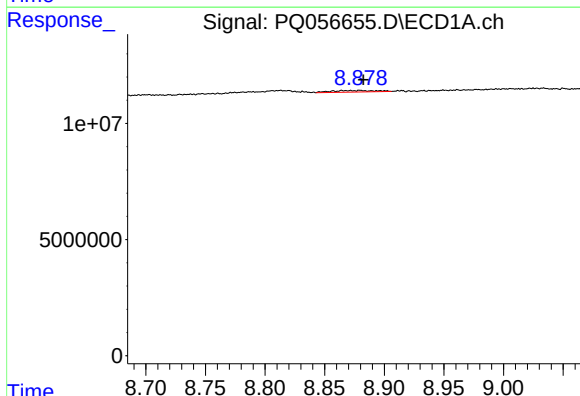
R.T.: 8.813 min
Delta R.T.: 0.028 min
Response: 2981231
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



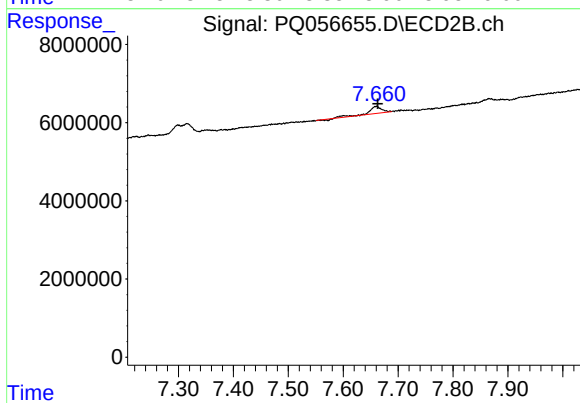
#41 AR-1268-1

R.T.: 7.661 min
Delta R.T.: 0.062 min
Response: 2692931
Conc: 1.48 ng/ml



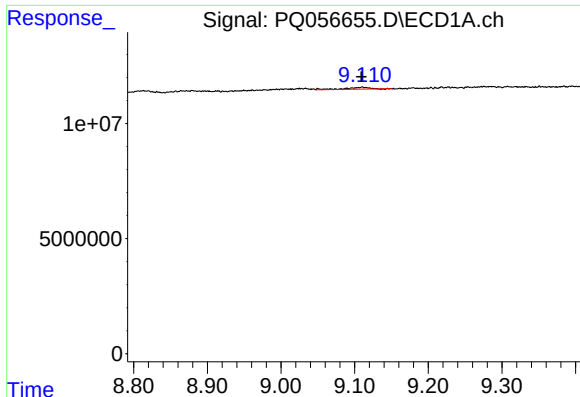
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: -0.011 min
Response: 1702740
Conc: 0.85 ng/ml



#42 AR-1268-2

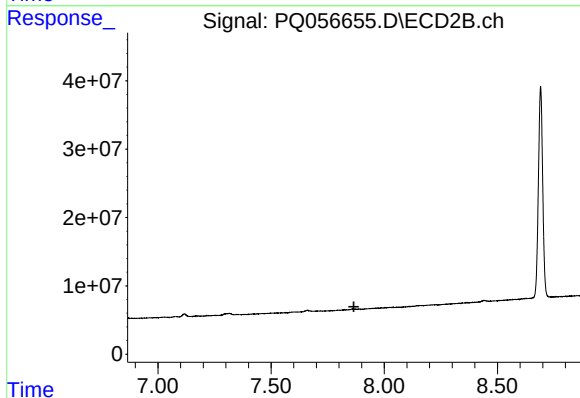
R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 2692931
Conc: 1.63 ng/ml



#43 AR-1268-3

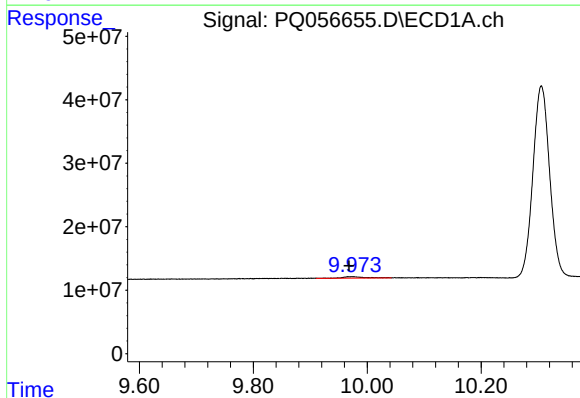
R.T.: 9.110 min
Delta R.T.: 0.001 min
Response: 1731310
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



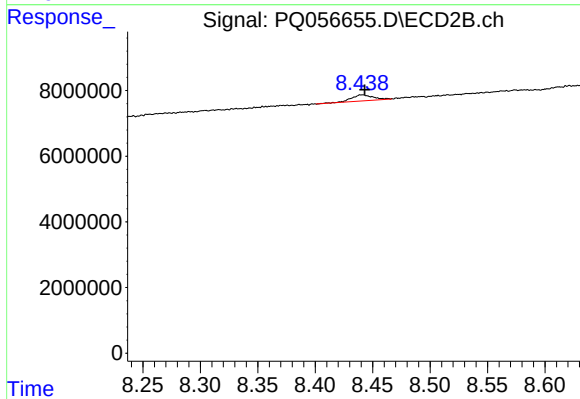
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.974 min
Delta R.T.: 0.005 min
Response: 5401993
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.002 min
Response: 2368331
Conc: 0.55 ng/ml