

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072022\
 Data File : PQ058657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 21:26
 Operator : YP\AJ
 Sample : N3704-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 00:12:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 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...	4.688	4.051	178.0E6	138.6E6	25.293	24.784
2)	SA Decachlor...	10.598	9.174	281.5E6	152.6E6	50.327	46.101
Target Compounds							
3)	L1 AR-1016-1	5.870	5.149	79662426	82961037	526.938	531.450
4)	L1 AR-1016-2	5.892	5.168	137.0E6	118.7E6	526.195	528.946
5)	L1 AR-1016-3	5.954	5.348	91429872	58273078	566.211	527.392
6)	L1 AR-1016-4	6.055	5.386	74694563	47694520	554.774	501.151
7)	L1 AR-1016-5	6.349	5.604	61455645	59845479	523.829	512.219
8)	L2 AR-1221-1	4.897	4.263	12514083	7354800	159.890	123.895
9)	L2 AR-1221-2	4.988	4.352	13284499	11873136	242.238	289.810
10)	L2 AR-1221-3	5.066	4.429	53085750	47793173	303.431	330.937
11)	L3 AR-1232-1	5.066	4.429	53085750	47793173	335.293	362.481
12)	L3 AR-1232-2	5.600	5.168	62690379	118.7E6	817.614	1012.786
13)	L3 AR-1232-3	5.892	5.348	137.0E6	58273078	974.596	1062.142
14)	L3 AR-1232-4	6.055	5.429	74694563	58914681	1053.730	1120.080
15)	L3 AR-1232-5	6.141	5.604	51444433	59845479	1137.186	1050.057
16)	L4 AR-1242-1	5.870	5.149	79662426	82961037	577.841	598.442
17)	L4 AR-1242-2	5.892	5.168	137.0E6	118.7E6	569.831	593.412
18)	L4 AR-1242-3	5.954	5.348	91429872	58273078	575.635	589.901
19)	L4 AR-1242-4	6.055	5.429	74694563	58914681	567.856	579.655
20)	L4 AR-1242-5	6.793	5.958	8451679	45955033	74.156	393.701 #
21)	L5 AR-1248-1	5.870	5.149	79662426	82961037	677.816	716.711
22)	L5 AR-1248-2	6.141	5.386	51444433	47694520	305.570	286.014
23)	L5 AR-1248-3	6.349	5.429	61455645	58914681	304.023	341.011
24)	L5 AR-1248-4	6.753	5.604	8136937	59845479	41.065	301.741 #
25)	L5 AR-1248-5	6.793	5.999	8451679	6436630	39.971	36.268
26)	L6 AR-1254-1	6.726	5.958	41069302	45955033	197.236	151.990
27)	L6 AR-1254-2	6.942	6.103	42802668	43737904	137.517	168.257
28)	L6 AR-1254-3	7.313	6.523	26353590	90135483	73.514	225.048 #
29)	L6 AR-1254-4	7.600	6.737	15001359	6667182	69.117	26.033 #
30)	L6 AR-1254-5	8.018	7.156	149.8E6	140.2E6	575.637	459.529
31)	L7 AR-1260-1	7.474	6.641	96759886	108.0E6	549.464	539.529
32)	L7 AR-1260-2	7.731	6.825	109.2E6	124.8E6	521.292	536.322
33)	L7 AR-1260-3	8.018	6.984	149.8E6	115.7E6	566.595	540.971
34)	L7 AR-1260-4	8.329	7.456	98165736	77534227	482.552	438.693
35)	L7 AR-1260-5	8.669	7.693	219.0E6	179.5E6	496.962	451.212
36)	L8 AR-1262-1	8.091	7.156	79578034	140.2E6	244.066	869.340 #
37)	L8 AR-1262-2	8.669	7.693	219.0E6	179.5E6	342.345	321.234
38)	L8 AR-1262-3	8.998	7.978	43507450	32802091	124.428	150.586
39)	L8 AR-1262-4	9.077	8.043	93026219	124.6E6	297.525	312.171
40)	L8 AR-1262-5	9.800	8.567	63554149	34609849	250.655	218.226
41)	L9 AR-1268-1	8.998	7.978	43507450	32802091	41.953	42.207

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Acq On : 20 Jul 2022 21:26
Operator : YP\AJ
Sample : N3704-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

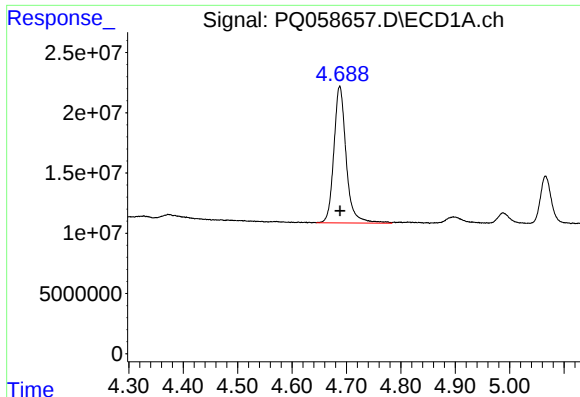
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 00:12:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 14 12:27:52 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
42)	L9 AR-1268-2	9.077	8.043	93026219	124.6E6	85.652	176.353 #
43)	L9 AR-1268-3	9.336	8.259	5364684	2349853	5.436	3.832 #
44)	L9 AR-1268-4	9.800	8.567	63554149	34609849	191.565	162.583
45)	L9 AR-1268-5	10.239	8.889	25059325	12436097	8.317	6.758

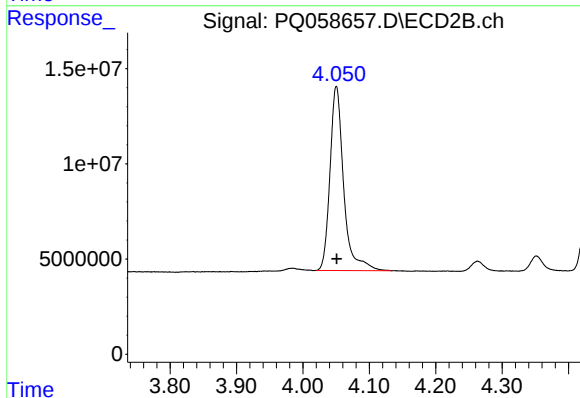
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

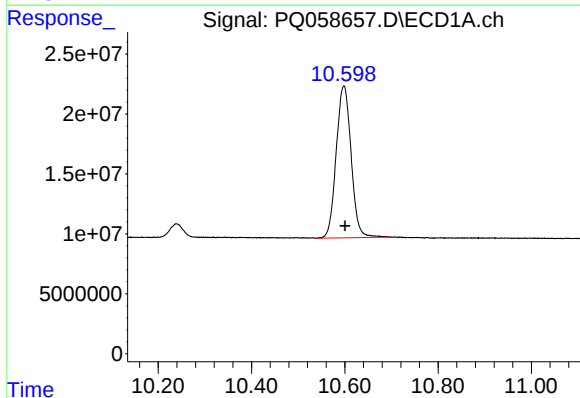
R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 177964696
Conc: 25.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



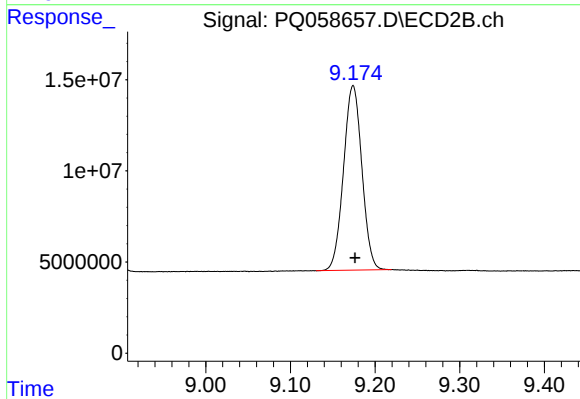
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 138552333
Conc: 24.78 ng/ml



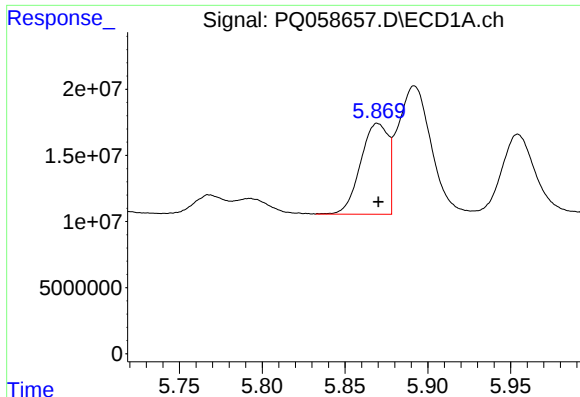
#2 Decachlorobiphenyl

R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 281537683
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

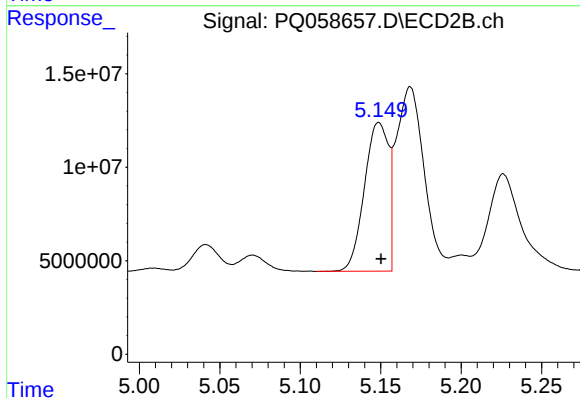
R.T.: 9.174 min
Delta R.T.: -0.002 min
Response: 152649112
Conc: 46.10 ng/ml



#3 AR-1016-1

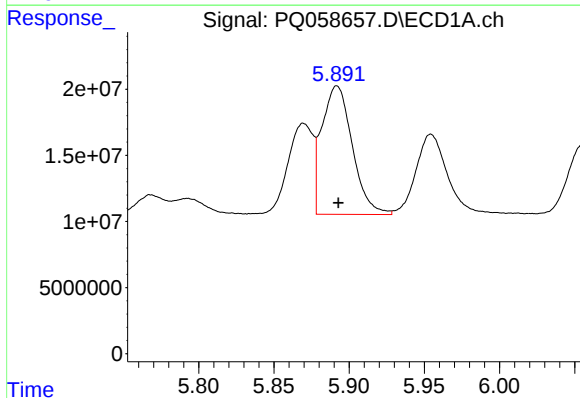
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 79662426
Conc: 526.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



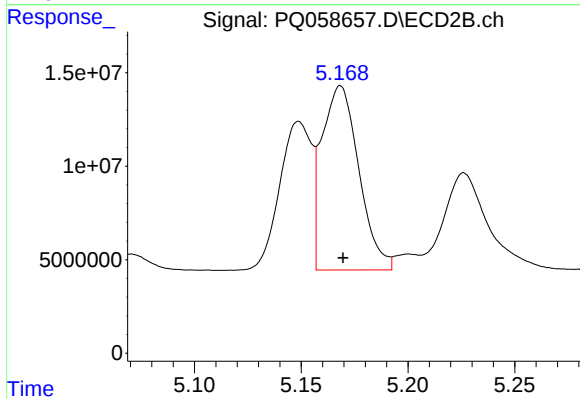
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 82961037
Conc: 531.45 ng/ml



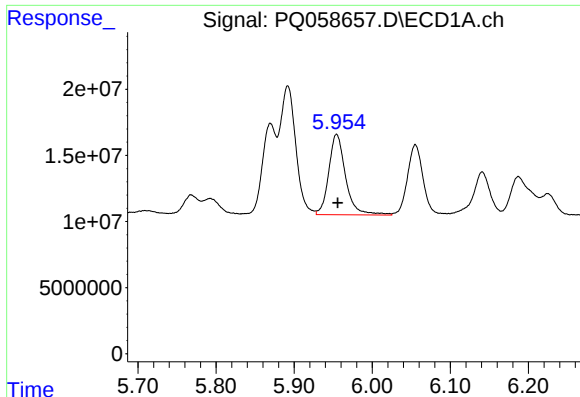
#4 AR-1016-2

R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 136978745
Conc: 526.20 ng/ml



#4 AR-1016-2

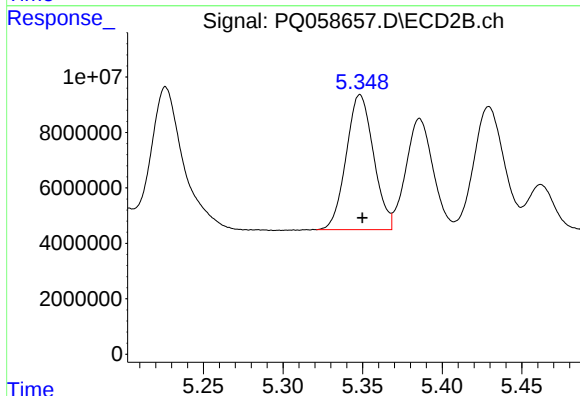
R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 118664854
Conc: 528.95 ng/ml



#5 AR-1016-3

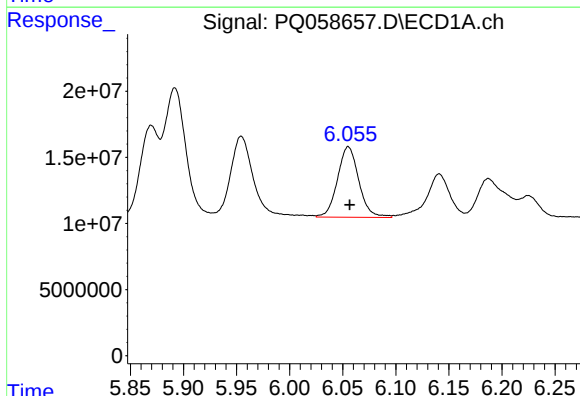
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 91429872
Conc: 566.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



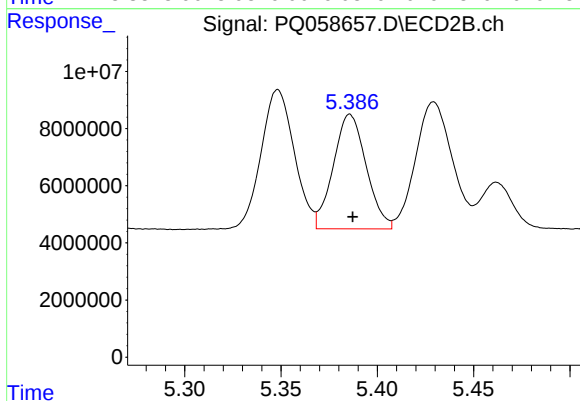
#5 AR-1016-3

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 58273078
Conc: 527.39 ng/ml



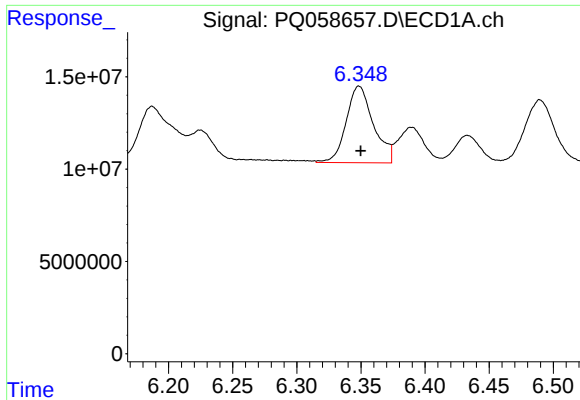
#6 AR-1016-4

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 74694563
Conc: 554.77 ng/ml



#6 AR-1016-4

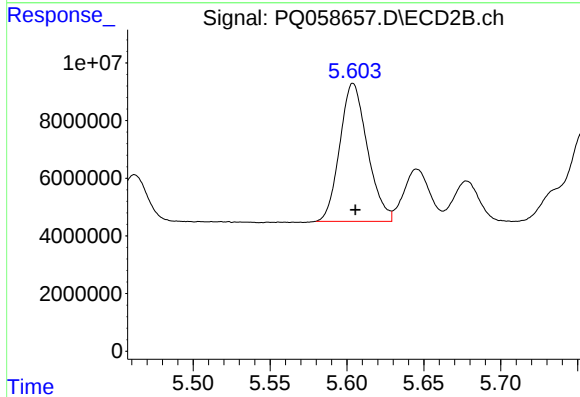
R.T.: 5.386 min
Delta R.T.: -0.001 min
Response: 47694520
Conc: 501.15 ng/ml



#7 AR-1016-5

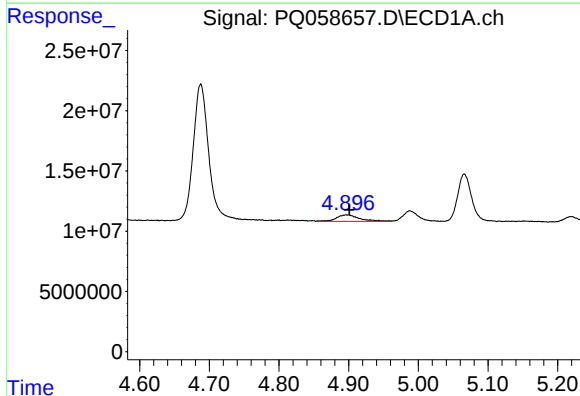
R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 61455645
Conc: 523.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



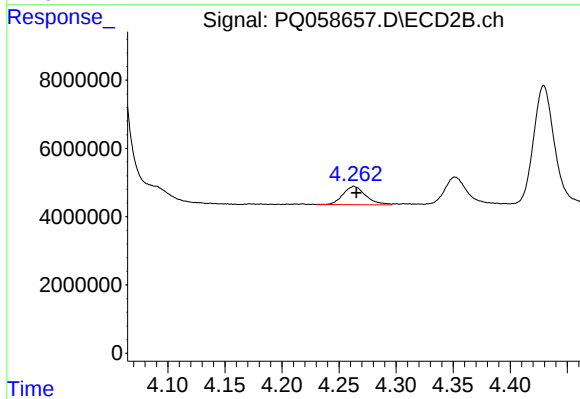
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 59845479
Conc: 512.22 ng/ml



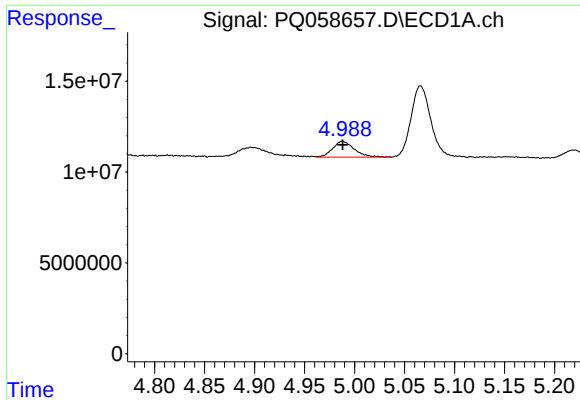
#8 AR-1221-1

R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 12514083
Conc: 159.89 ng/ml



#8 AR-1221-1

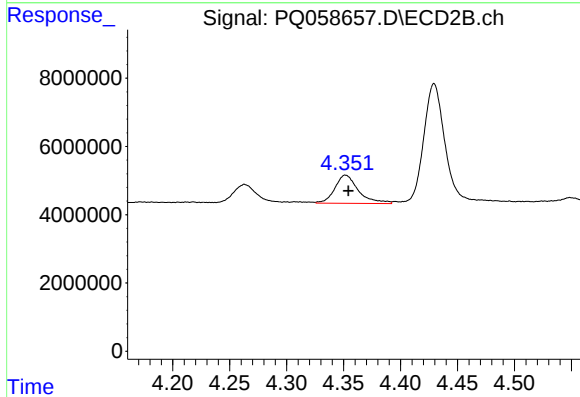
R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 7354800
Conc: 123.89 ng/ml



#9 AR-1221-2

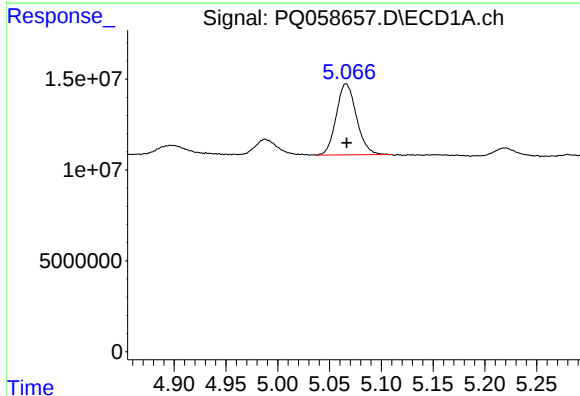
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 13284499
Conc: 242.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



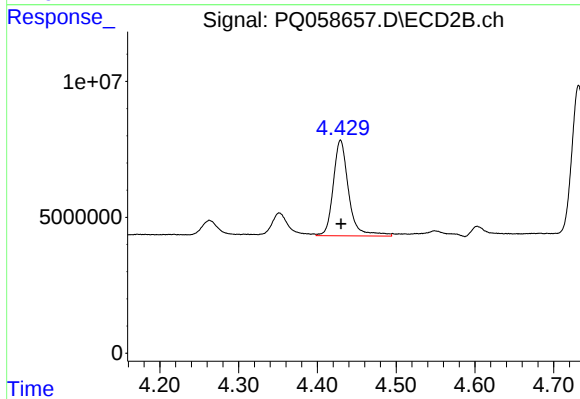
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 11873136
Conc: 289.81 ng/ml



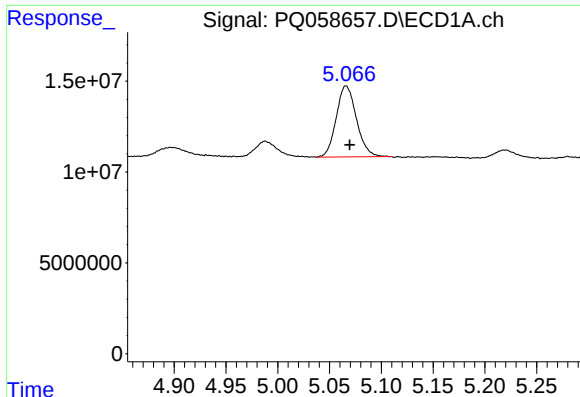
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 53085750
Conc: 303.43 ng/ml



#10 AR-1221-3

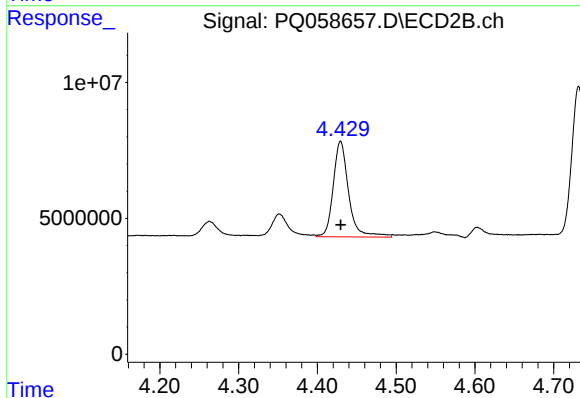
R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 47793173
Conc: 330.94 ng/ml



#11 AR-1232-1

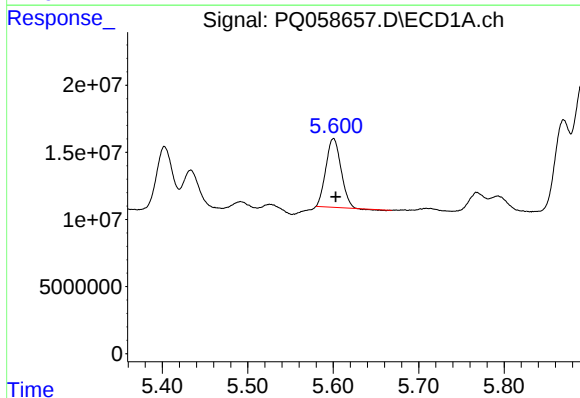
R.T.: 5.066 min
Delta R.T.: -0.003 min
Response: 53085750
Conc: 335.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



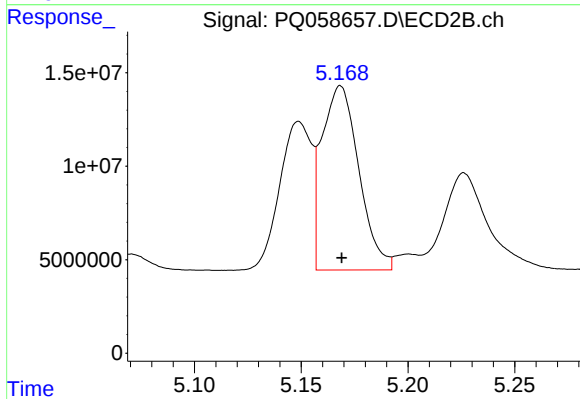
#11 AR-1232-1

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 47793173
Conc: 362.48 ng/ml



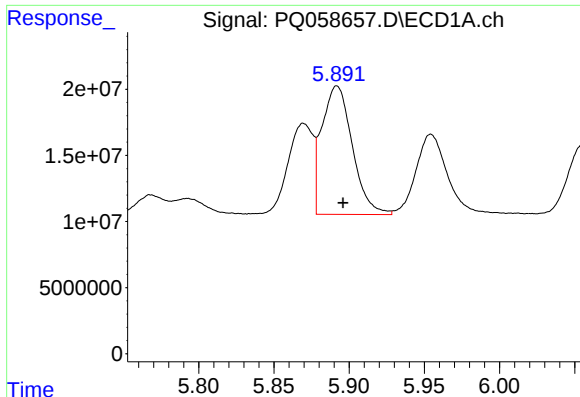
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 62690379
Conc: 817.61 ng/ml



#12 AR-1232-2

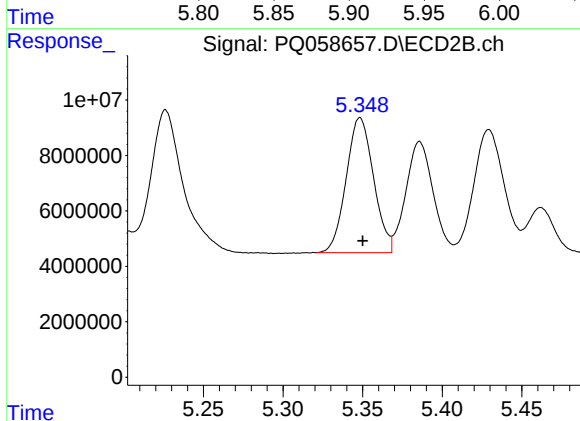
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 118664854
Conc: 1012.79 ng/ml



#13 AR-1232-3

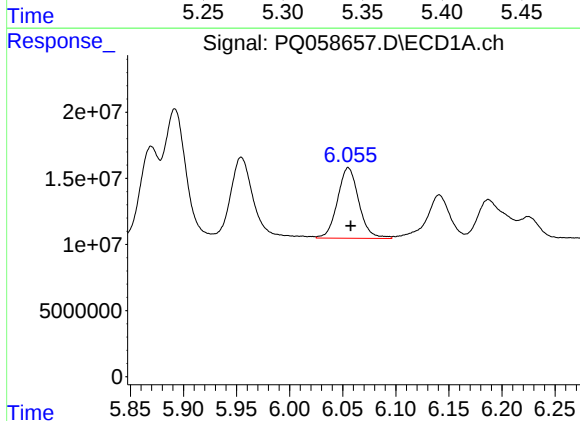
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 136978745
Conc: 974.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



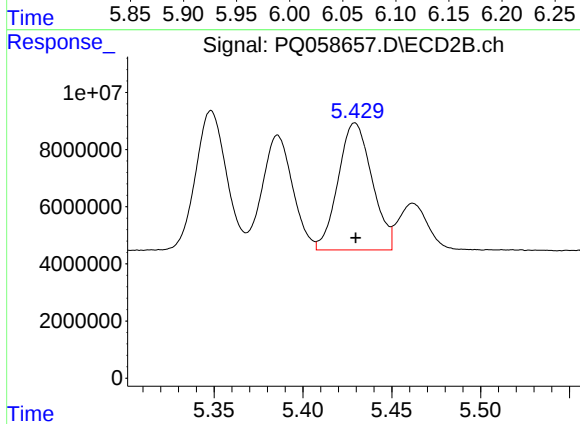
#13 AR-1232-3

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 58273078
Conc: 1062.14 ng/ml



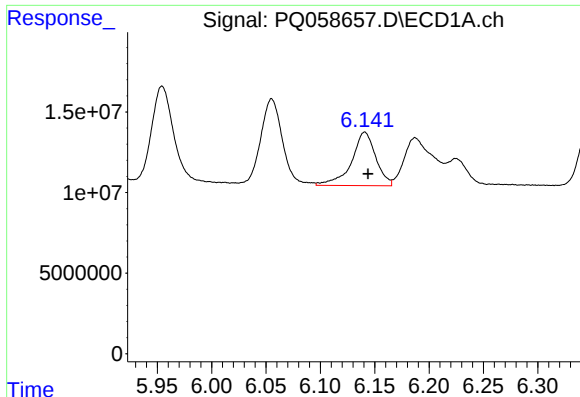
#14 AR-1232-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 74694563
Conc: 1053.73 ng/ml



#14 AR-1232-4

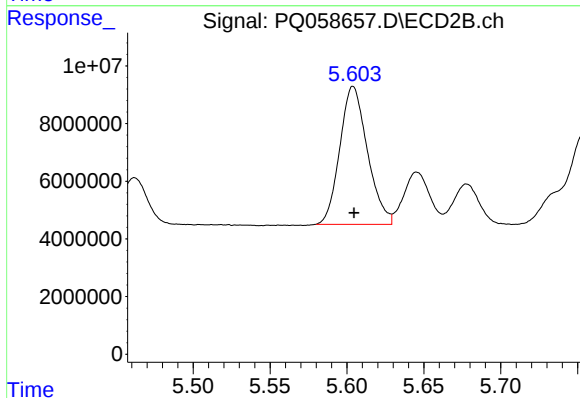
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 58914681
Conc: 1120.08 ng/ml



#15 AR-1232-5

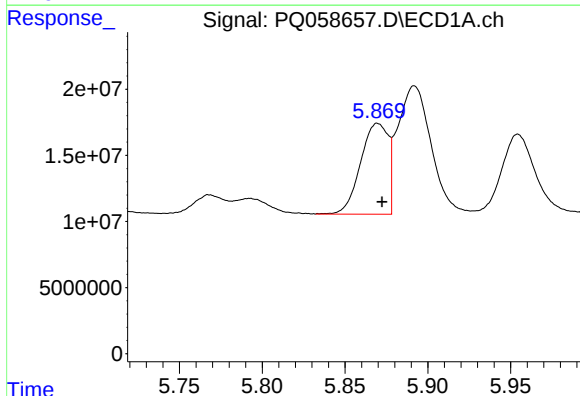
R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 51444433
Conc: 1137.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



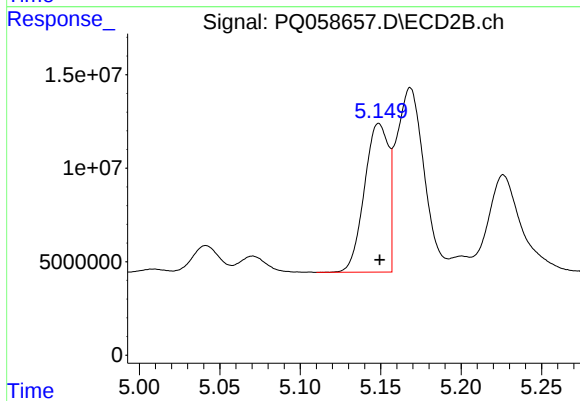
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 59845479
Conc: 1050.06 ng/ml



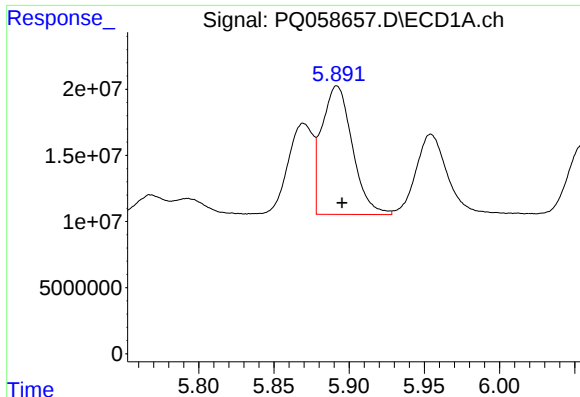
#16 AR-1242-1

R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 79662426
Conc: 577.84 ng/ml



#16 AR-1242-1

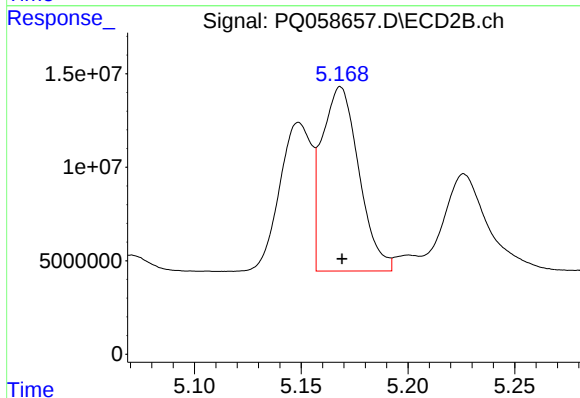
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 82961037
Conc: 598.44 ng/ml



#17 AR-1242-2

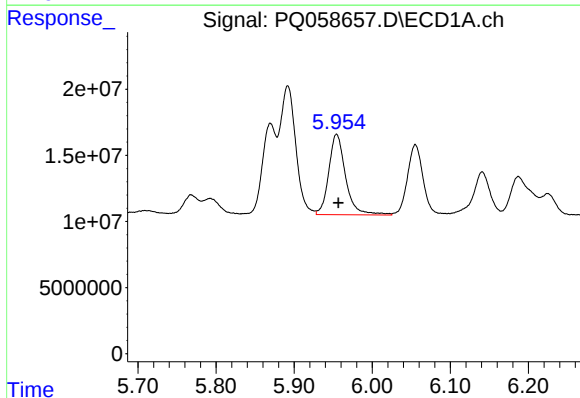
R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 136978745
Conc: 569.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



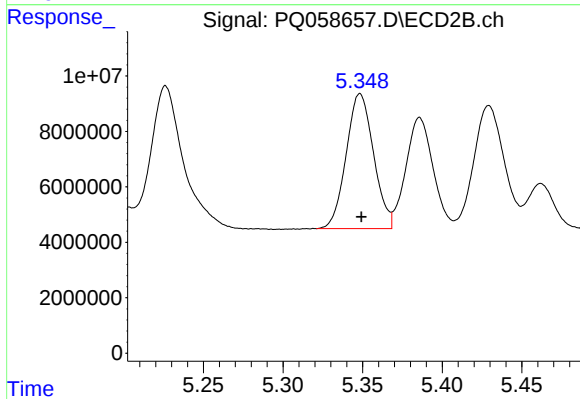
#17 AR-1242-2

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 118664854
Conc: 593.41 ng/ml



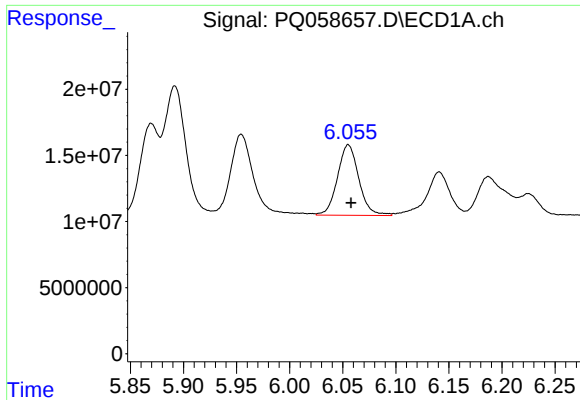
#18 AR-1242-3

R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 91429872
Conc: 575.63 ng/ml



#18 AR-1242-3

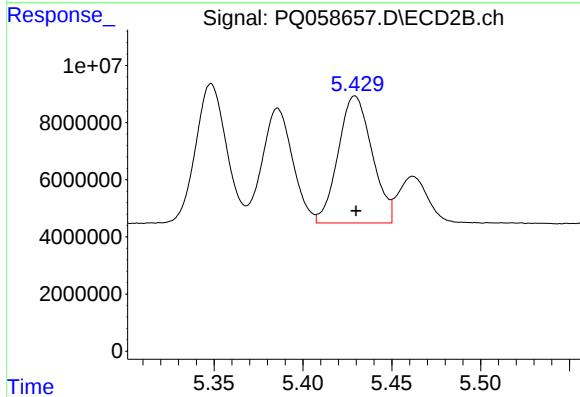
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 58273078
Conc: 589.90 ng/ml



#19 AR-1242-4

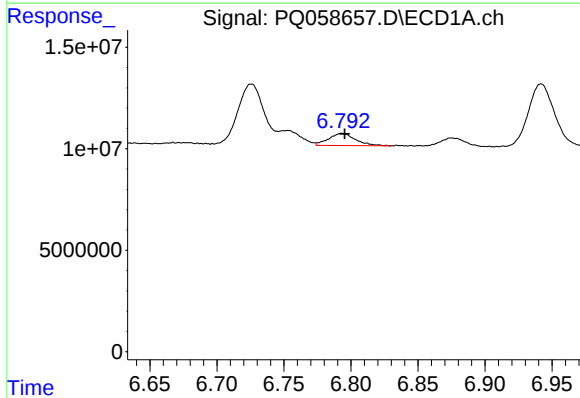
R.T.: 6.055 min
Delta R.T.: -0.003 min
Response: 74694563
Conc: 567.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



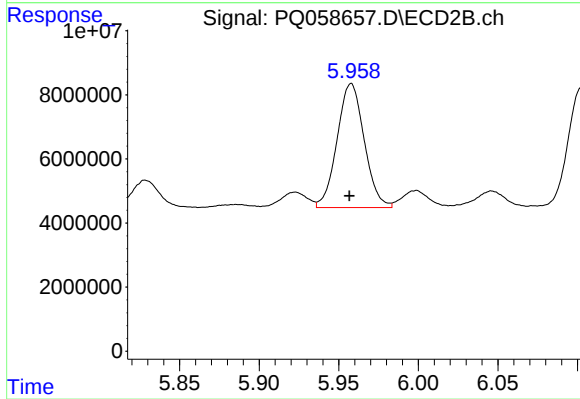
#19 AR-1242-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 58914681
Conc: 579.65 ng/ml



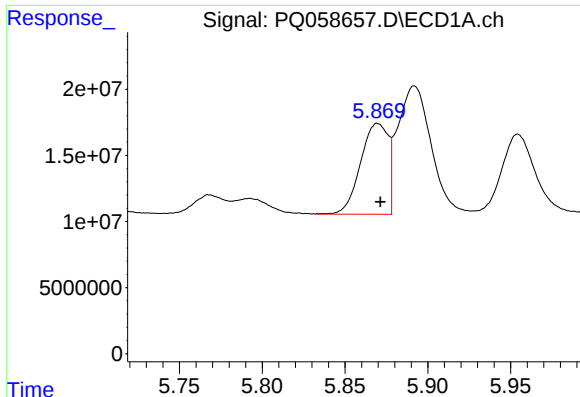
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 8451679
Conc: 74.16 ng/ml



#20 AR-1242-5

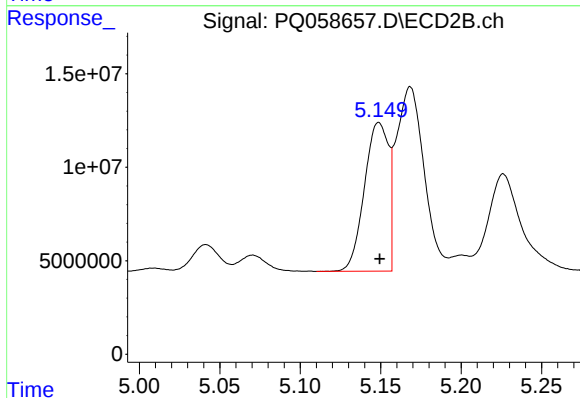
R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 45955033
Conc: 393.70 ng/ml



#21 AR-1248-1

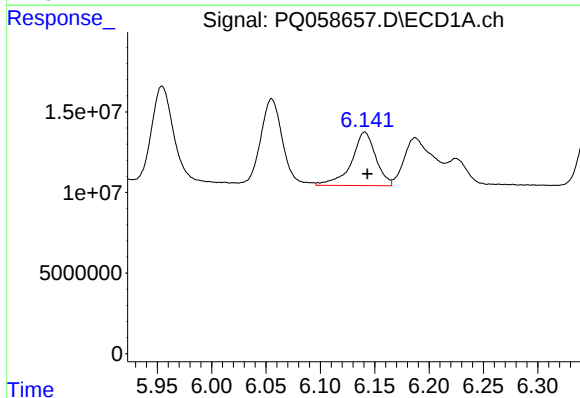
R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 79662426
Conc: 677.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



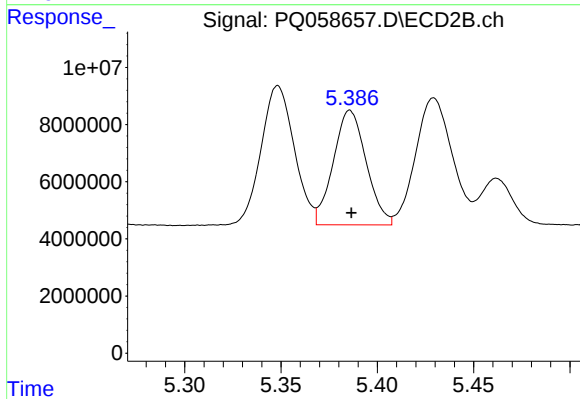
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 82961037
Conc: 716.71 ng/ml



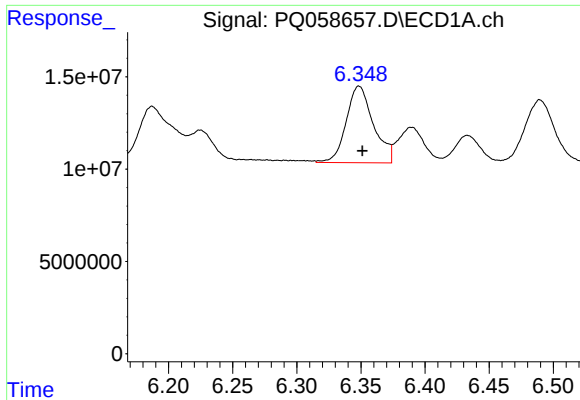
#22 AR-1248-2

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 51444433
Conc: 305.57 ng/ml



#22 AR-1248-2

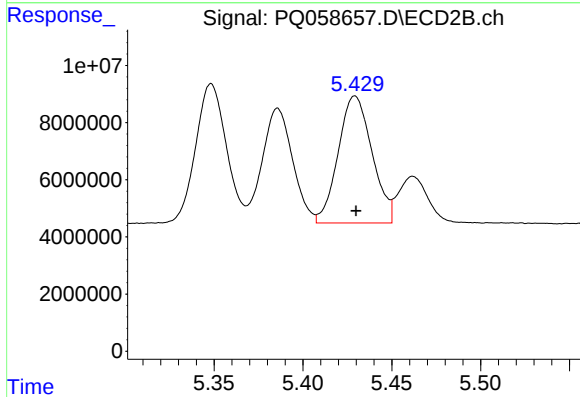
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 47694520
Conc: 286.01 ng/ml



#23 AR-1248-3

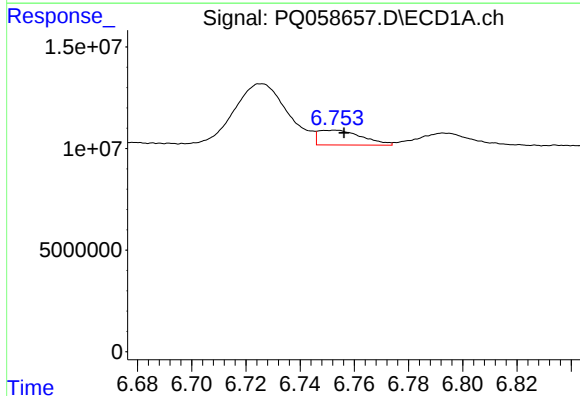
R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 61455645
Conc: 304.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



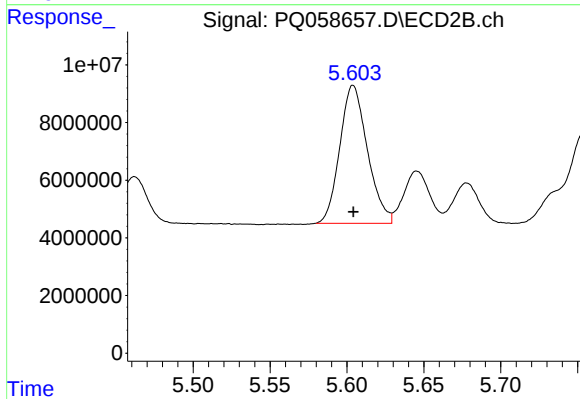
#23 AR-1248-3

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 58914681
Conc: 341.01 ng/ml



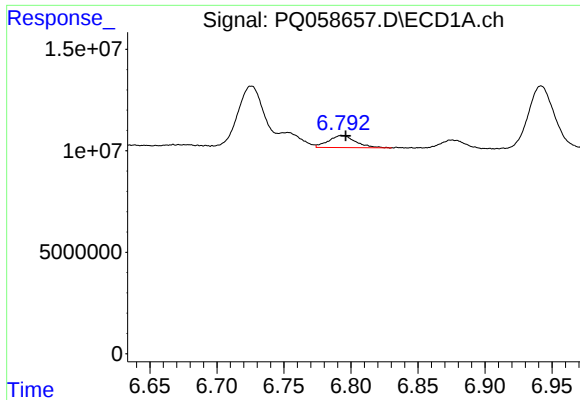
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 8136937
Conc: 41.07 ng/ml



#24 AR-1248-4

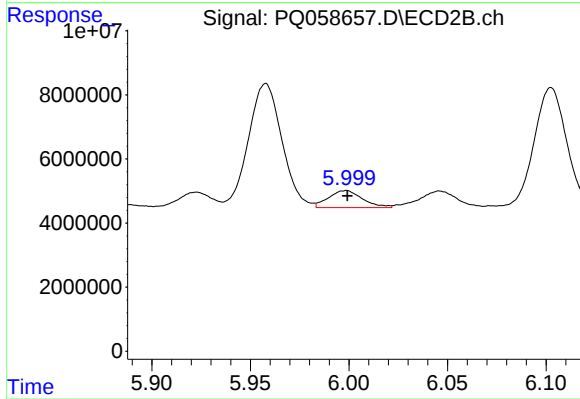
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 59845479
Conc: 301.74 ng/ml



#25 AR-1248-5

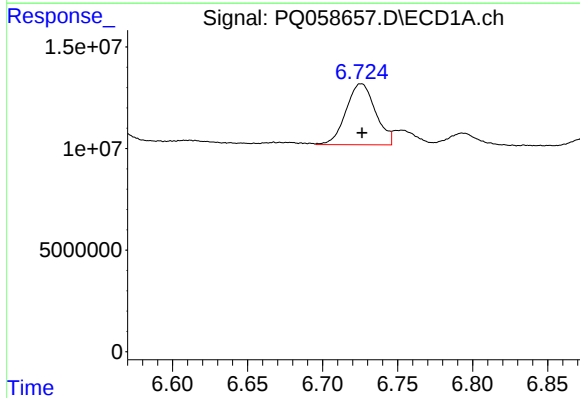
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 8451679
Conc: 39.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



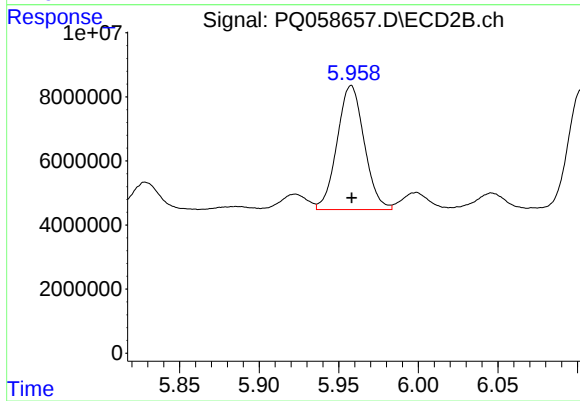
#25 AR-1248-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 6436630
Conc: 36.27 ng/ml



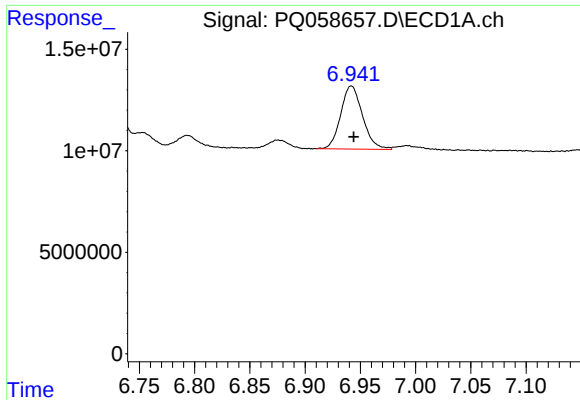
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 41069302
Conc: 197.24 ng/ml



#26 AR-1254-1

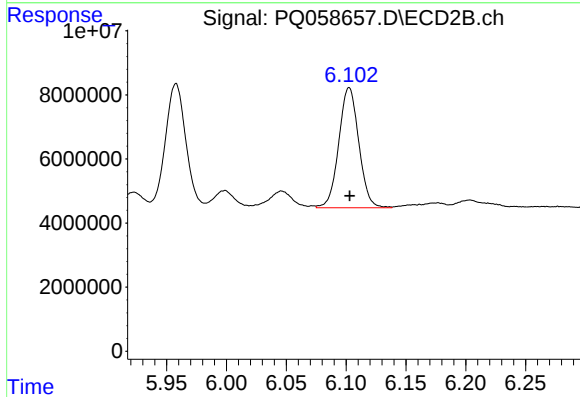
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 45955033
Conc: 151.99 ng/ml



#27 AR-1254-2

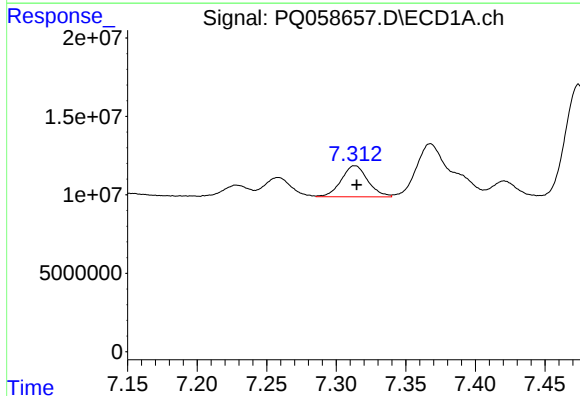
R.T.: 6.942 min
Delta R.T.: -0.002 min
Response: 42802668
Conc: 137.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



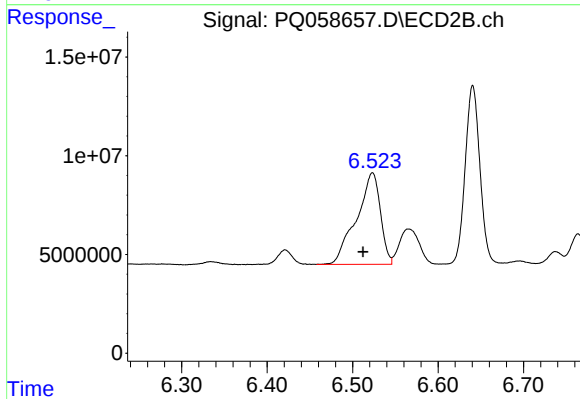
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 43737904
Conc: 168.26 ng/ml



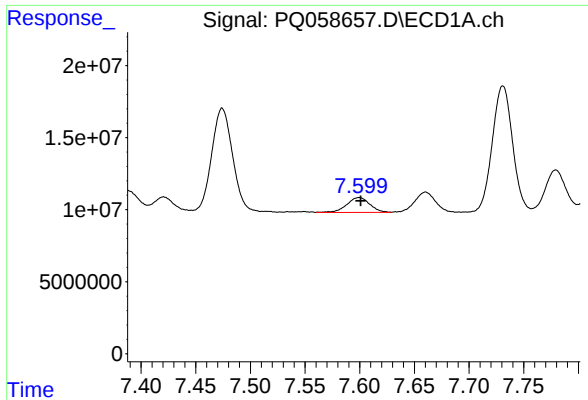
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 26353590
Conc: 73.51 ng/ml



#28 AR-1254-3

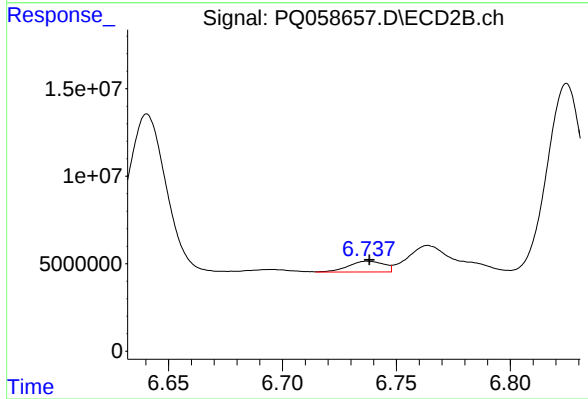
R.T.: 6.523 min
Delta R.T.: 0.011 min
Response: 90135483
Conc: 225.05 ng/ml



#29 AR-1254-4

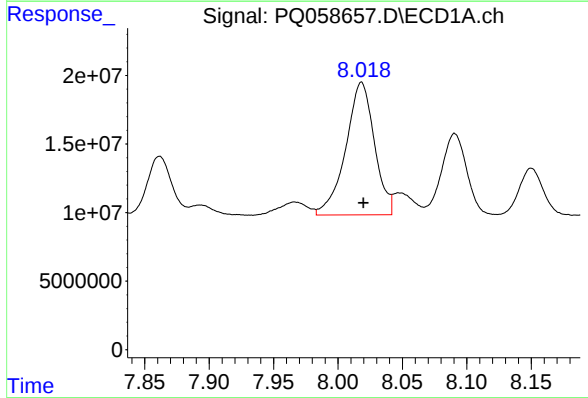
R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 15001359
Conc: 69.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



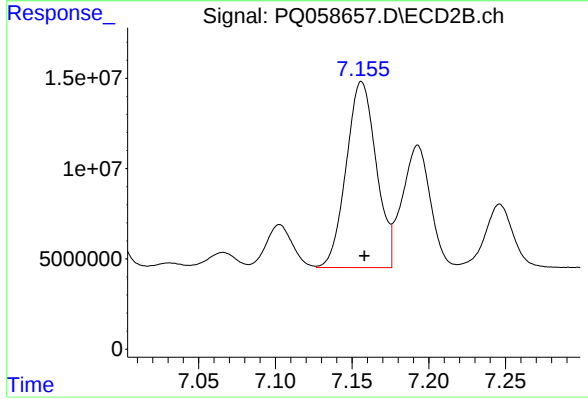
#29 AR-1254-4

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 6667182
Conc: 26.03 ng/ml



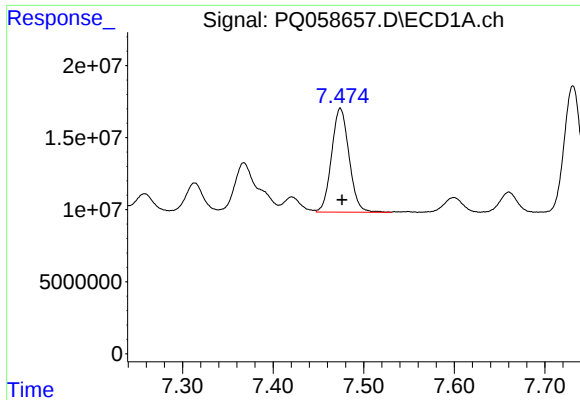
#30 AR-1254-5

R.T.: 8.018 min
Delta R.T.: -0.001 min
Response: 149833029
Conc: 575.64 ng/ml



#30 AR-1254-5

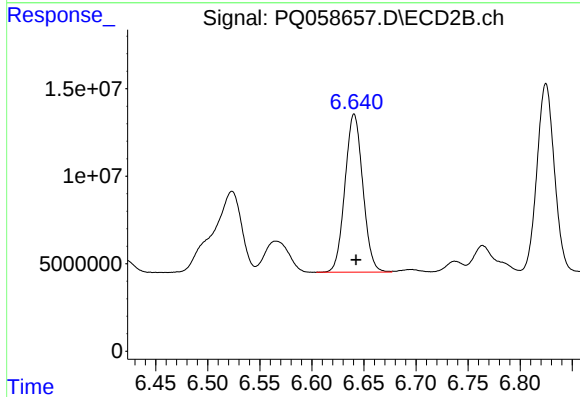
R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 140178514
Conc: 459.53 ng/ml



#31 AR-1260-1

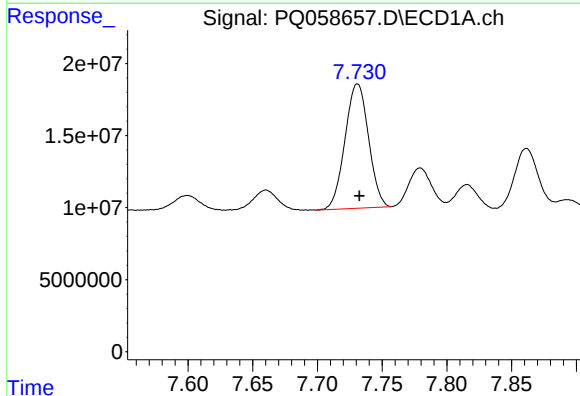
R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 96759886
Conc: 549.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



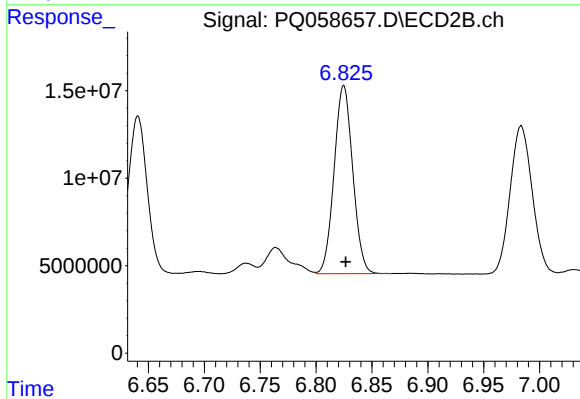
#31 AR-1260-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 107997723
Conc: 539.53 ng/ml



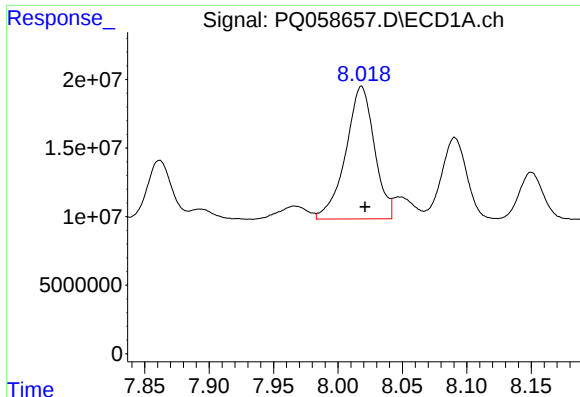
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: -0.001 min
Response: 109168846
Conc: 521.29 ng/ml



#32 AR-1260-2

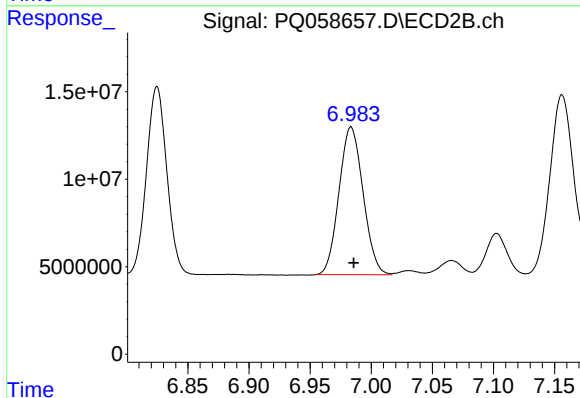
R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 124822487
Conc: 536.32 ng/ml



#33 AR-1260-3

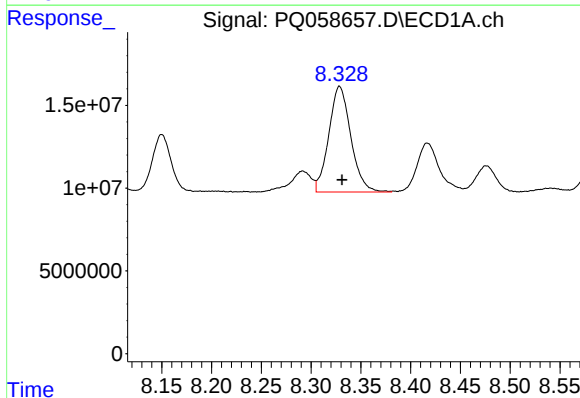
R.T.: 8.018 min
Delta R.T.: -0.003 min
Response: 149833029
Conc: 566.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



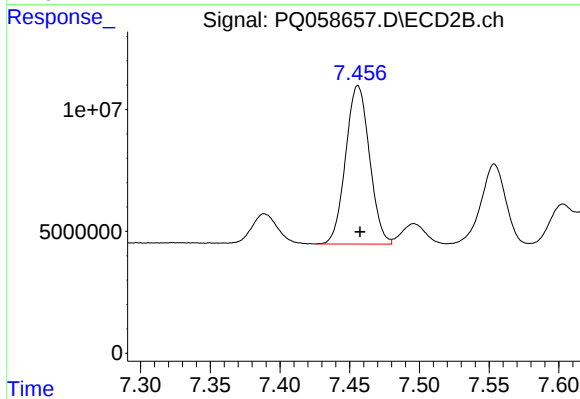
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 115732488
Conc: 540.97 ng/ml



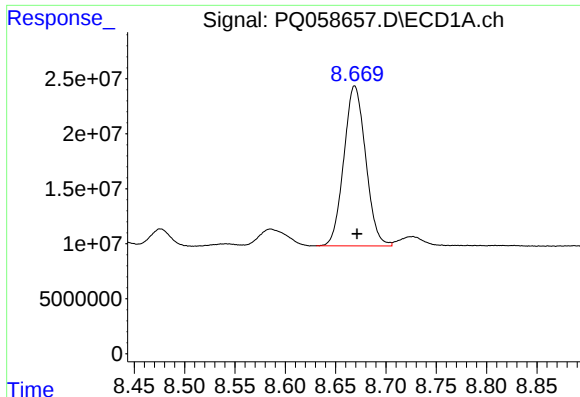
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.003 min
Response: 98165736
Conc: 482.55 ng/ml



#34 AR-1260-4

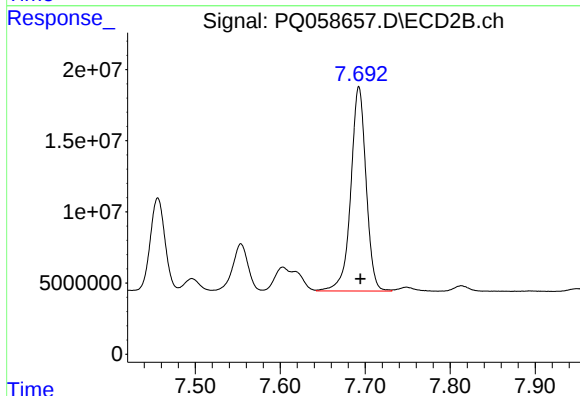
R.T.: 7.456 min
Delta R.T.: -0.002 min
Response: 77534227
Conc: 438.69 ng/ml



#35 AR-1260-5

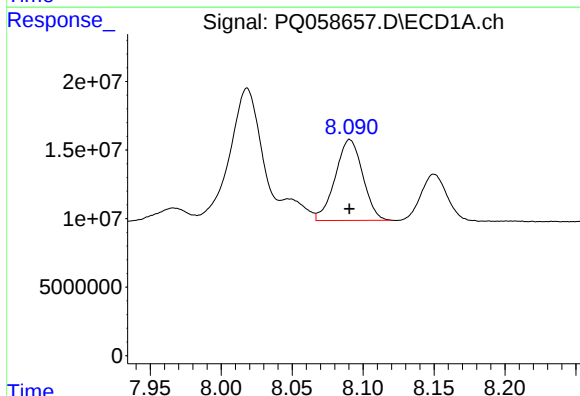
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 219042789
Conc: 496.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



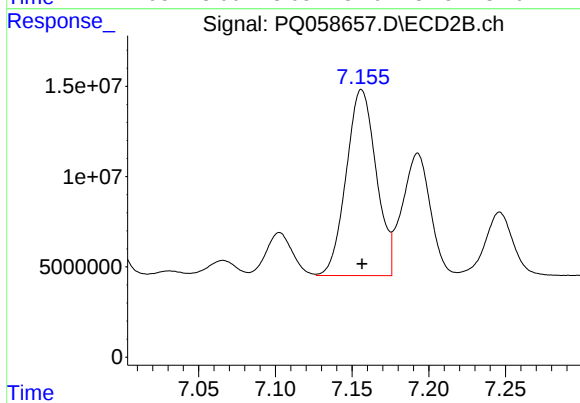
#35 AR-1260-5

R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 179481954
Conc: 451.21 ng/ml



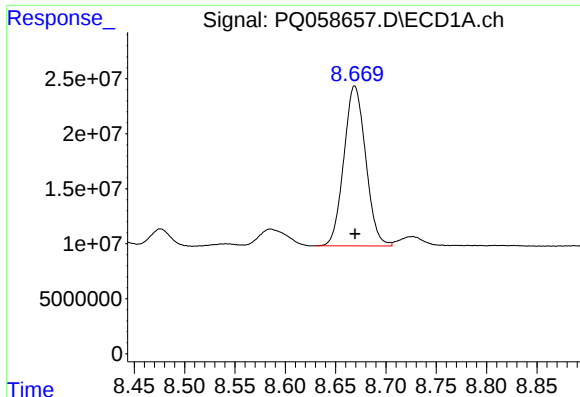
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 79578034
Conc: 244.07 ng/ml



#36 AR-1262-1

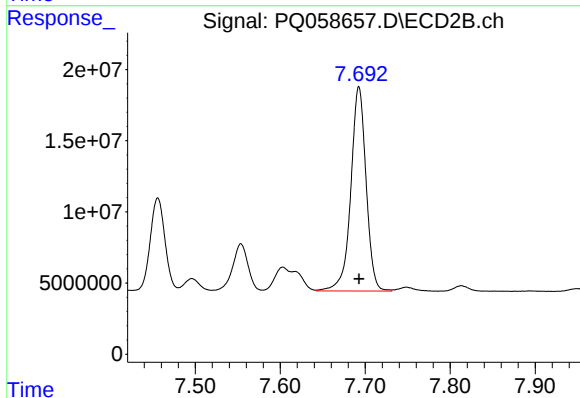
R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 140178514
Conc: 869.34 ng/ml



#37 AR-1262-2

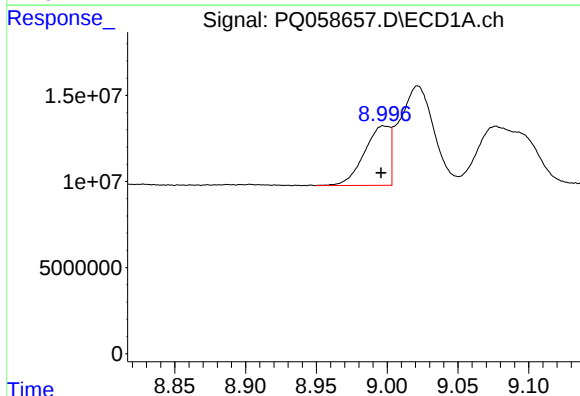
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 219042789
Conc: 342.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



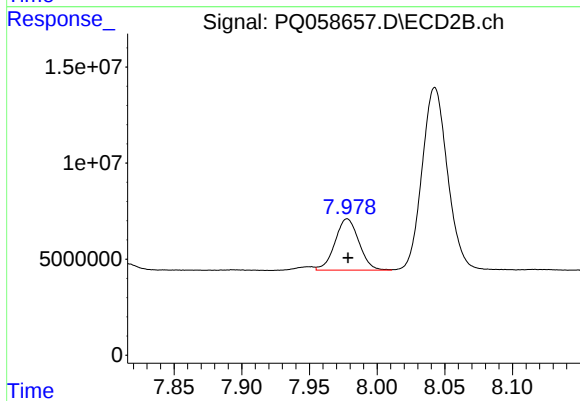
#37 AR-1262-2

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 179481954
Conc: 321.23 ng/ml



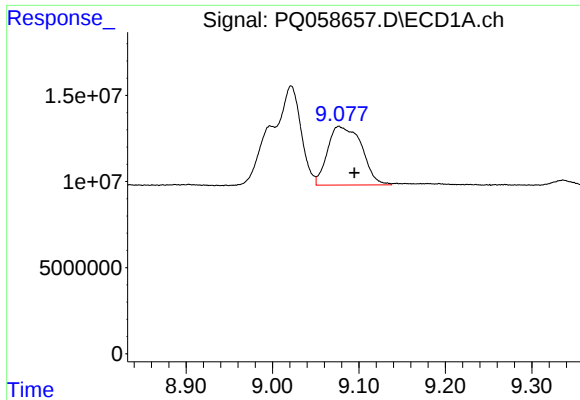
#38 AR-1262-3

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 43507450
Conc: 124.43 ng/ml



#38 AR-1262-3

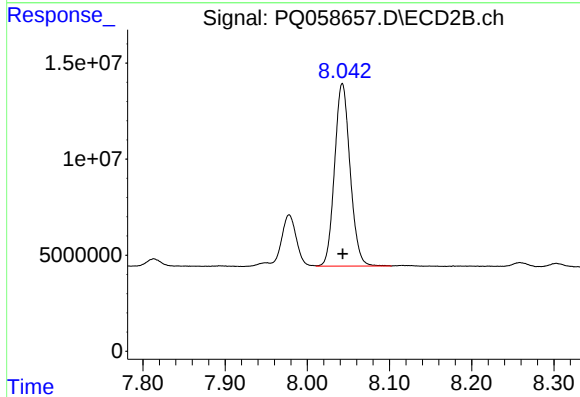
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 32802091
Conc: 150.59 ng/ml



#39 AR-1262-4

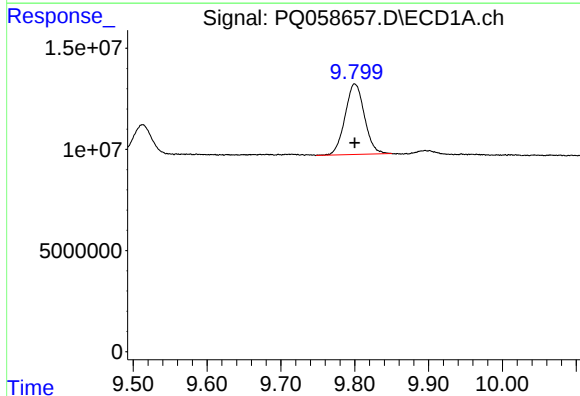
R.T.: 9.077 min
Delta R.T.: -0.018 min
Response: 93026219
Conc: 297.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



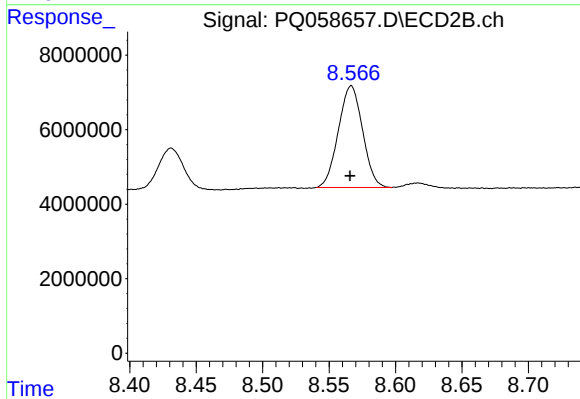
#39 AR-1262-4

R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 124553794
Conc: 312.17 ng/ml



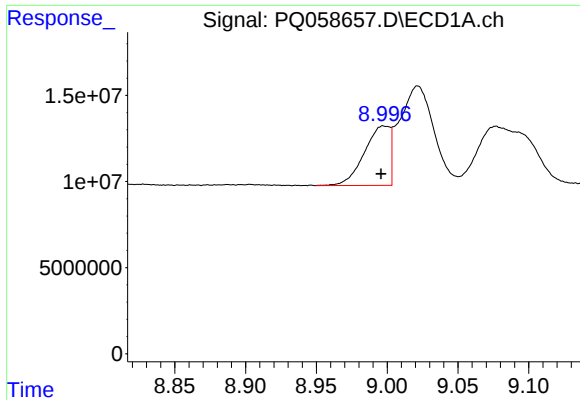
#40 AR-1262-5

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 63554149
Conc: 250.65 ng/ml



#40 AR-1262-5

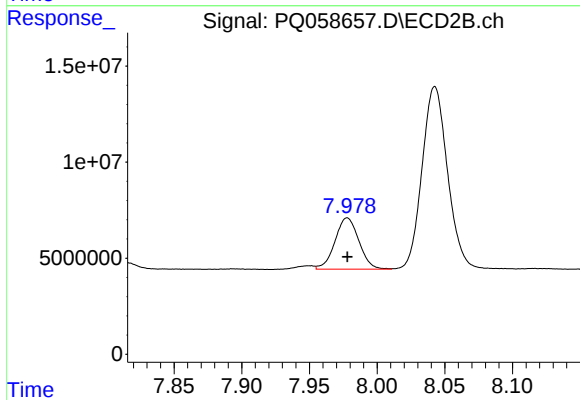
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 34609849
Conc: 218.23 ng/ml



#41 AR-1268-1

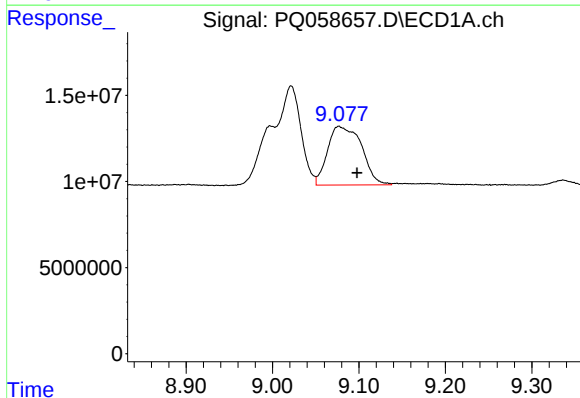
R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 43507450
Conc: 41.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



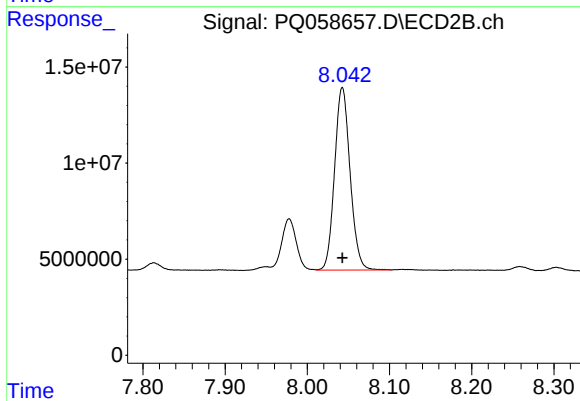
#41 AR-1268-1

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 32802091
Conc: 42.21 ng/ml



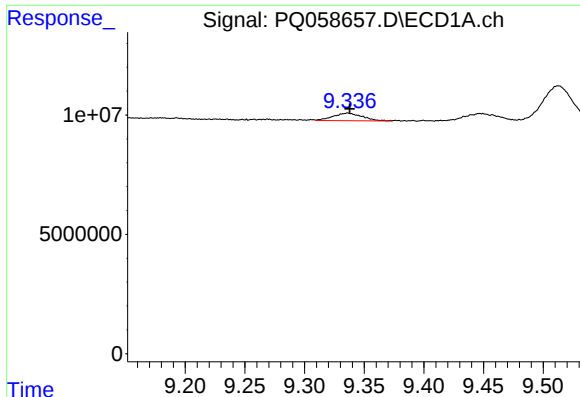
#42 AR-1268-2

R.T.: 9.077 min
Delta R.T.: -0.021 min
Response: 93026219
Conc: 85.65 ng/ml



#42 AR-1268-2

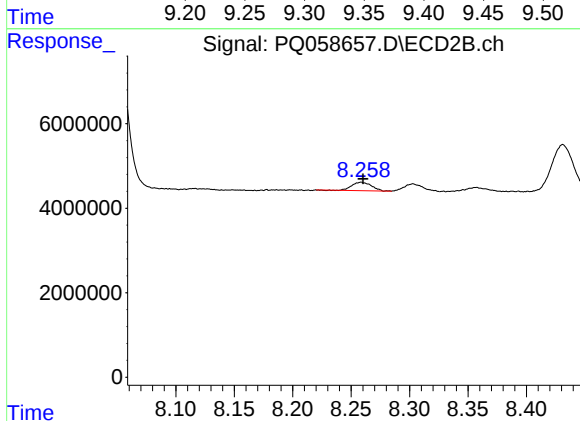
R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 124553794
Conc: 176.35 ng/ml



#43 AR-1268-3

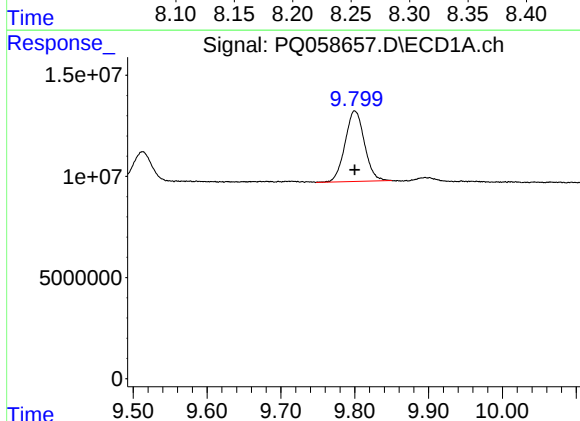
R.T.: 9.336 min
Delta R.T.: -0.002 min
Response: 5364684
Conc: 5.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



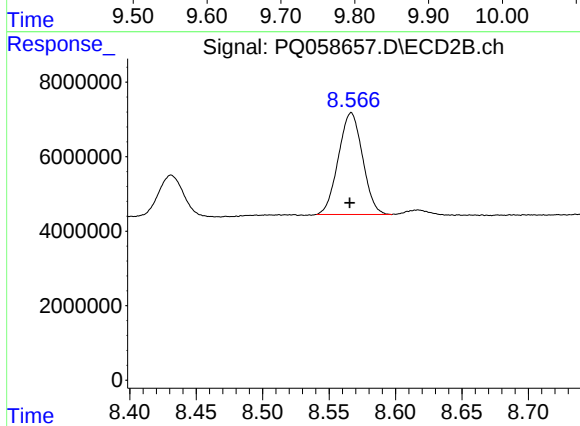
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: -0.002 min
Response: 2349853
Conc: 3.83 ng/ml



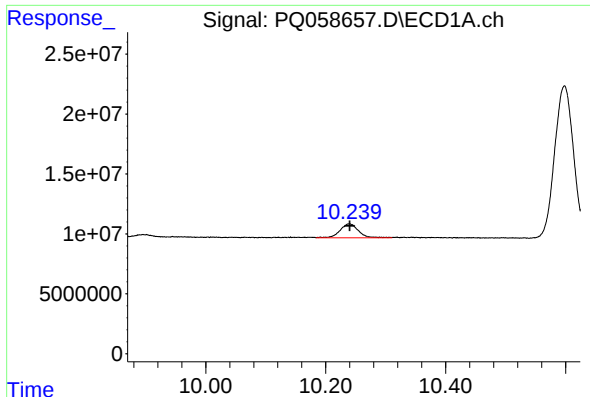
#44 AR-1268-4

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 63554149
Conc: 191.57 ng/ml



#44 AR-1268-4

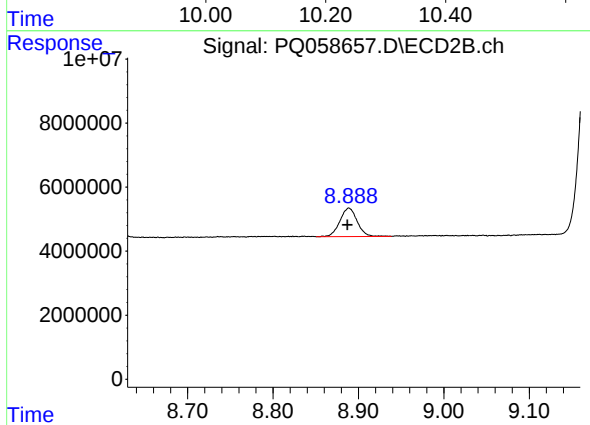
R.T.: 8.567 min
Delta R.T.: 0.001 min
Response: 34609849
Conc: 162.58 ng/ml



#45 AR-1268-5

R.T.: 10.239 min
Delta R.T.: 0.000 min
Response: 25059325
Conc: 8.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.889 min
Delta R.T.: 0.002 min
Response: 12436097
Conc: 6.76 ng/ml