

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072022\
 Data File : PQ058635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 15:34
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 00:01:40 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	157.4E6	121.6E6	22.373	21.743
2)	SA Decachlor...	10.602	9.177	235.1E6	118.6E6	42.021	35.809
Target Compounds							
3)	L1 AR-1016-1	5.869	5.149	62692294	69758131	414.687	446.872
4)	L1 AR-1016-2	5.892	5.169	108.6E6	98620068	417.077	439.596
5)	L1 AR-1016-3	5.955	5.349	71251646	48043573	441.250	434.811
6)	L1 AR-1016-4	6.056	5.386	62015955	40114445	460.607	421.503
7)	L1 AR-1016-5	6.349	5.604	51021390	47933021	434.890	410.260
8)	L2 AR-1221-1	4.898	4.264	9434828	6319088	120.547	106.448
9)	L2 AR-1221-2	4.989	4.352	11768231	8681654	214.590	211.909
10)	L2 AR-1221-3	5.067	4.430	45936095	38155862	262.565	264.205
11)	L3 AR-1232-1	5.067	4.430	45936095	38155862	290.135	289.388
12)	L3 AR-1232-2	5.601	5.169	54166139	98620068	706.440	841.707
13)	L3 AR-1232-3	5.892	5.349	108.6E6	48043573	772.492	875.689
14)	L3 AR-1232-4	6.056	5.430	62015955	48131925	874.871	915.079
15)	L3 AR-1232-5	6.142	5.604	46033631	47933021	1017.580	841.040
16)	L4 AR-1242-1	5.869	5.149	62692294	69758131	454.746	503.202
17)	L4 AR-1242-2	5.892	5.169	108.6E6	98620068	451.664	493.173
18)	L4 AR-1242-3	5.955	5.349	71251646	48043573	448.594	486.347
19)	L4 AR-1242-4	6.056	5.430	62015955	48131925	471.468	473.565
20)	L4 AR-1242-5	6.794	5.959	7329048	35426825	64.306	303.505 #
21)	L5 AR-1248-1	5.869	5.149	62692294	69758131	533.424	602.650
22)	L5 AR-1248-2	6.142	5.386	46033631	40114445	273.431	240.558
23)	L5 AR-1248-3	6.349	5.430	51021390	48131925	252.404	278.598
24)	L5 AR-1248-4	6.753	5.604	7346390	47933021	37.075	241.678 #
25)	L5 AR-1248-5	6.794	6.000	7329048	6814368	34.662	38.396
26)	L6 AR-1254-1	6.726	5.959	28087859	35426825	134.892	117.170
27)	L6 AR-1254-2	6.943	6.103	28708348	31231007	92.235	120.143 #
28)	L6 AR-1254-3	7.314	6.524	18806556	61231019	52.462	152.880 #
29)	L6 AR-1254-4	7.601	6.739	11691327	6380650	53.867	24.914 #
30)	L6 AR-1254-5	8.020	7.157	95361788	83579905	366.367	273.989 #
31)	L7 AR-1260-1	7.475	6.641	66498978	71674088	377.623	358.065
32)	L7 AR-1260-2	7.732	6.826	74978178	83498374	358.028	358.766
33)	L7 AR-1260-3	8.020	6.985	95361788	76780316	360.611	358.896
34)	L7 AR-1260-4	8.331	7.457	72582877	57831007	356.795	327.211
35)	L7 AR-1260-5	8.671	7.694	178.4E6	140.6E6	404.776	353.503
36)	L8 AR-1262-1	8.092	7.157	63890993	83579905	195.954	518.335 #
37)	L8 AR-1262-2	8.671	7.694	178.4E6	140.6E6	278.840	251.671
38)	L8 AR-1262-3	9.000	7.981	47989139	28926054	137.245	132.792
39)	L8 AR-1262-4	9.081	8.046	90123872	96668629	288.242	242.282
40)	L8 AR-1262-5	9.804	8.569	66154361	34739144	260.910	219.041
41)	L9 AR-1268-1	9.000	7.981	47989139	28926054	46.275	37.219

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 15:34
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

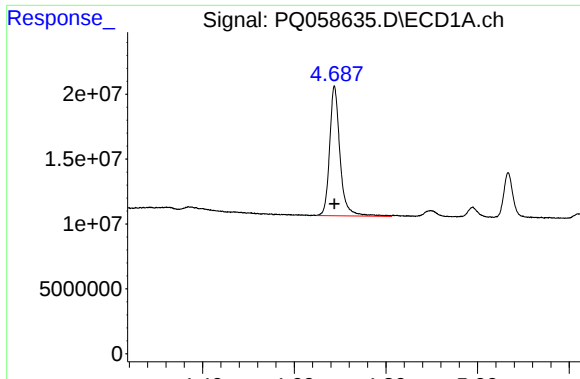
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 00:01:40 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	9.081	8.046	90123872	96668629	82.979	136.871 #
43)	L9 AR-1268-3	9.341	8.262	2994317	1746561	3.034	2.848
44)	L9 AR-1268-4	9.804	8.569	66154361	34739144	199.403	163.191
45)	L9 AR-1268-5	10.243	8.892	19160993	9134552	6.360	4.964

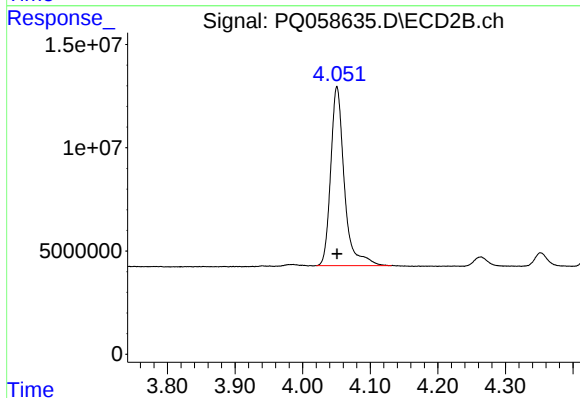
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

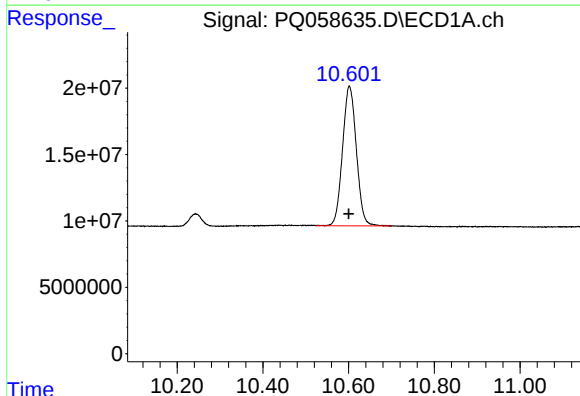
R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 157415767
Conc: 22.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



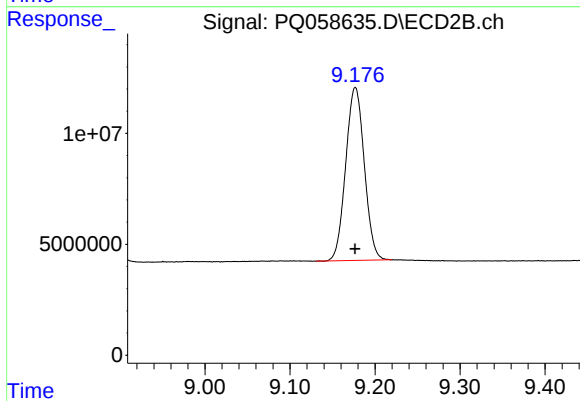
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 121552812
Conc: 21.74 ng/ml



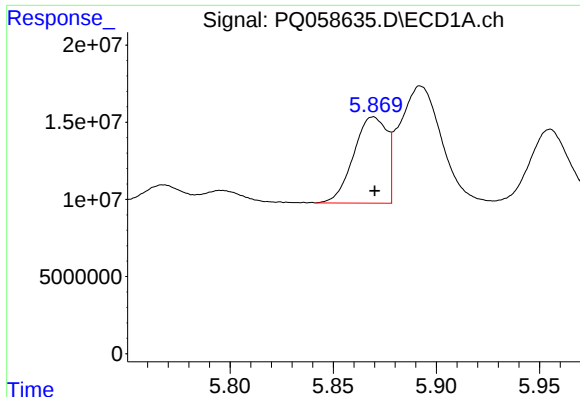
#2 Decachlorobiphenyl

R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 235074878
Conc: 42.02 ng/ml



#2 Decachlorobiphenyl

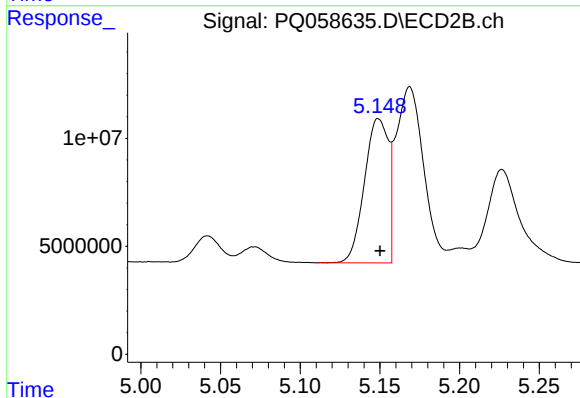
R.T.: 9.177 min
Delta R.T.: 0.000 min
Response: 118570924
Conc: 35.81 ng/ml



#3 AR-1016-1

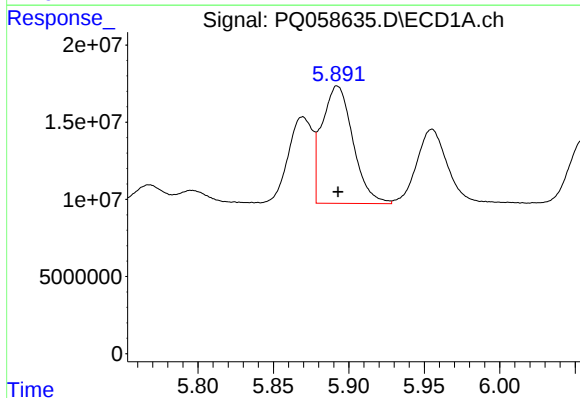
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 62692294
Conc: 414.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



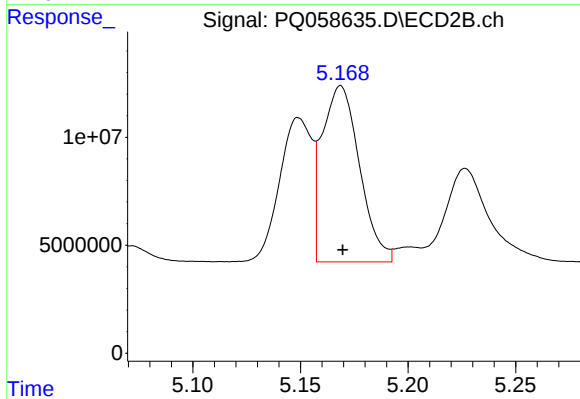
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 69758131
Conc: 446.87 ng/ml



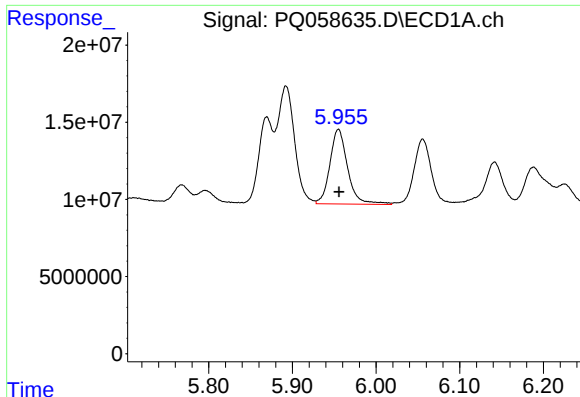
#4 AR-1016-2

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 108573219
Conc: 417.08 ng/ml



#4 AR-1016-2

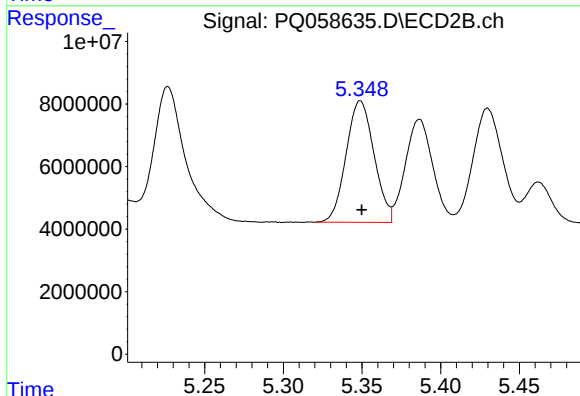
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 98620068
Conc: 439.60 ng/ml



#5 AR-1016-3

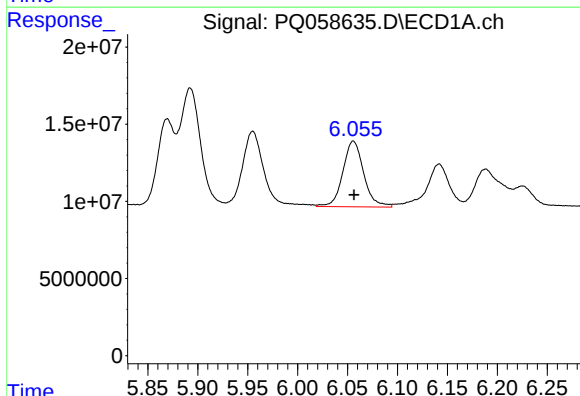
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 71251646
Conc: 441.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



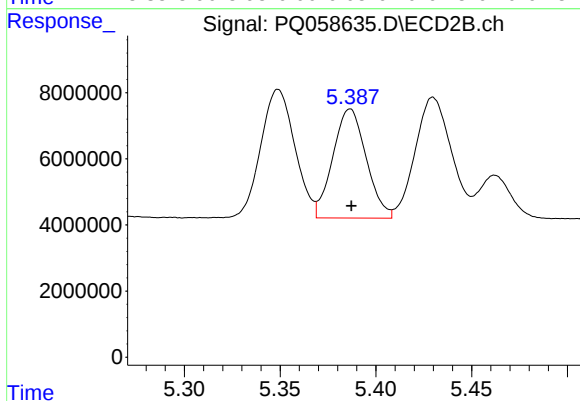
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 48043573
Conc: 434.81 ng/ml



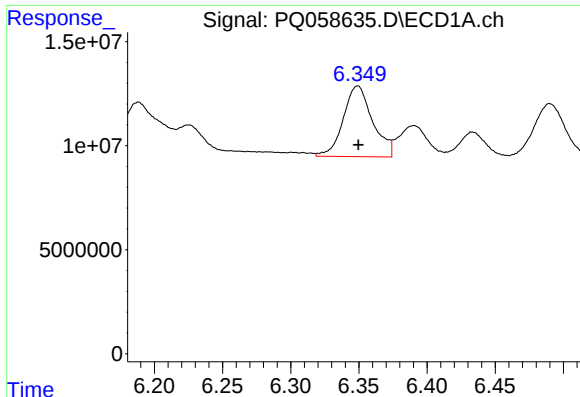
#6 AR-1016-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 62015955
Conc: 460.61 ng/ml



#6 AR-1016-4

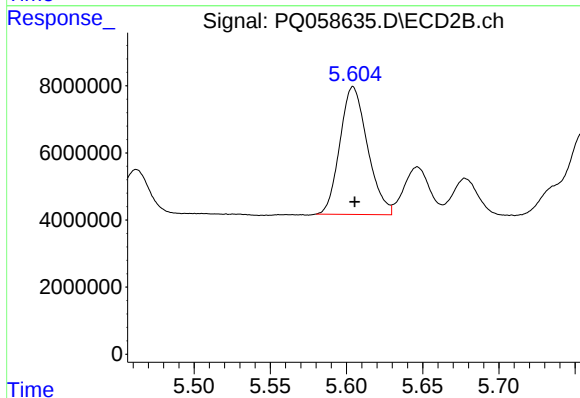
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 40114445
Conc: 421.50 ng/ml



#7 AR-1016-5

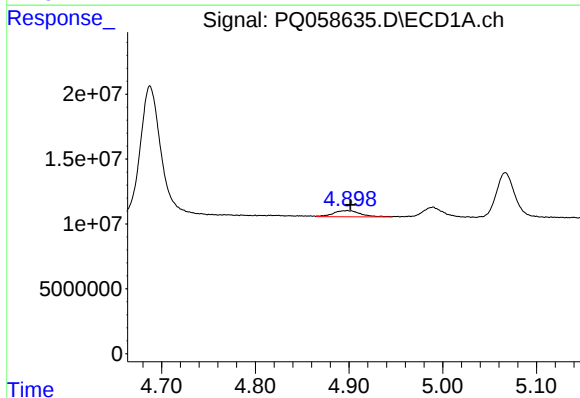
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 51021390
Conc: 434.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



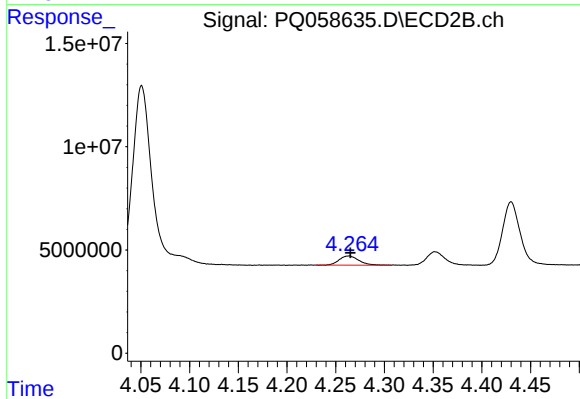
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 47933021
Conc: 410.26 ng/ml



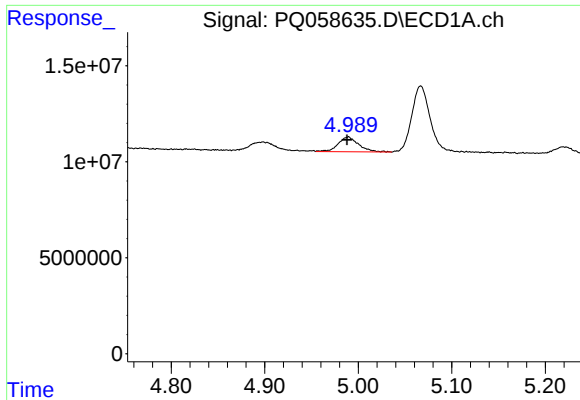
#8 AR-1221-1

R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 9434828
Conc: 120.55 ng/ml



#8 AR-1221-1

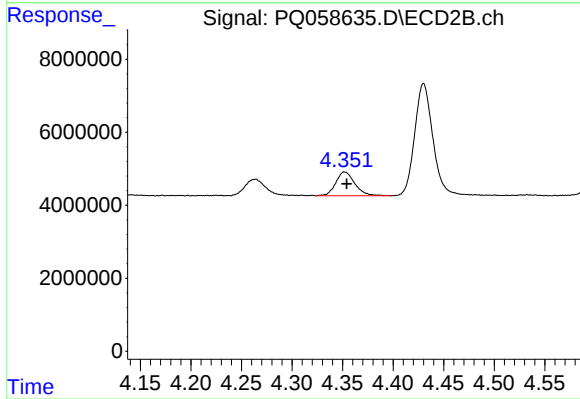
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 6319088
Conc: 106.45 ng/ml



#9 AR-1221-2

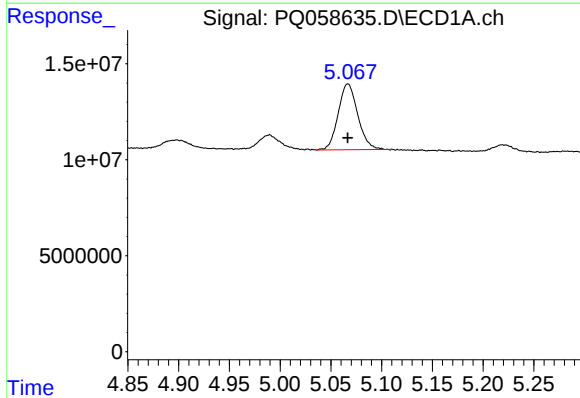
R.T.: 4.989 min
Delta R.T.: 0.001 min
Response: 11768231
Conc: 214.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



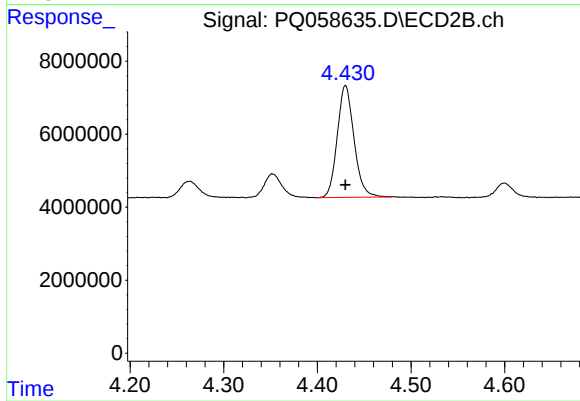
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 8681654
Conc: 211.91 ng/ml



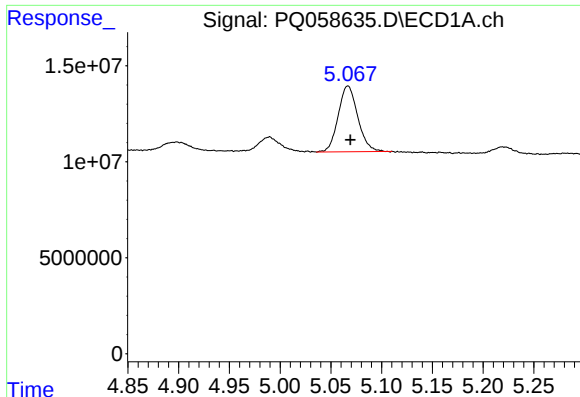
#10 AR-1221-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 45936095
Conc: 262.56 ng/ml



#10 AR-1221-3

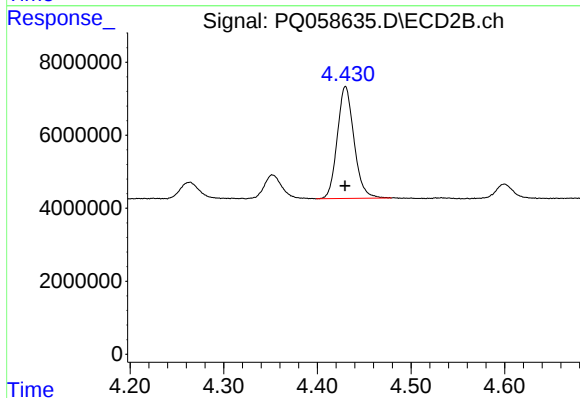
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 38155862
Conc: 264.20 ng/ml



#11 AR-1232-1

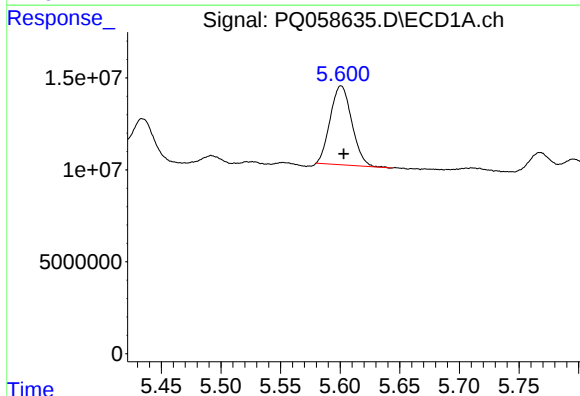
R.T.: 5.067 min
Delta R.T.: -0.003 min
Response: 45936095
Conc: 290.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



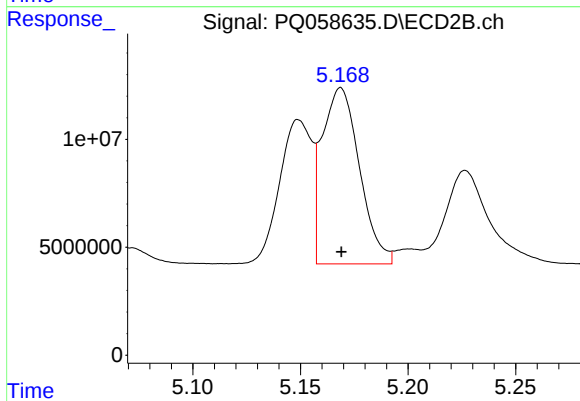
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 38155862
Conc: 289.39 ng/ml



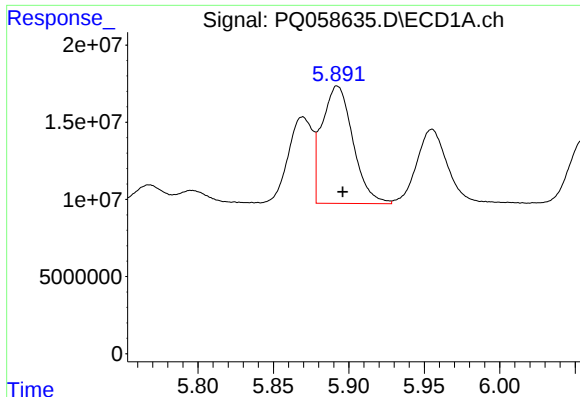
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 54166139
Conc: 706.44 ng/ml



#12 AR-1232-2

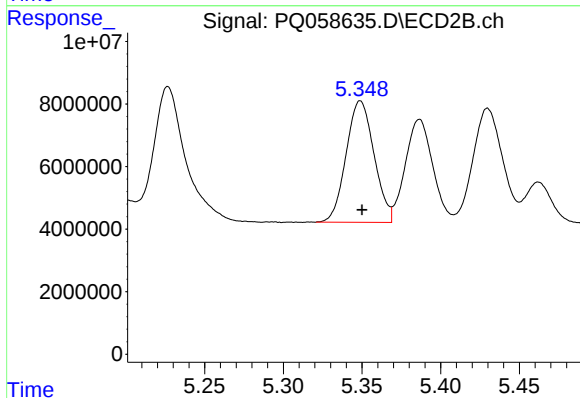
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 98620068
Conc: 841.71 ng/ml



#13 AR-1232-3

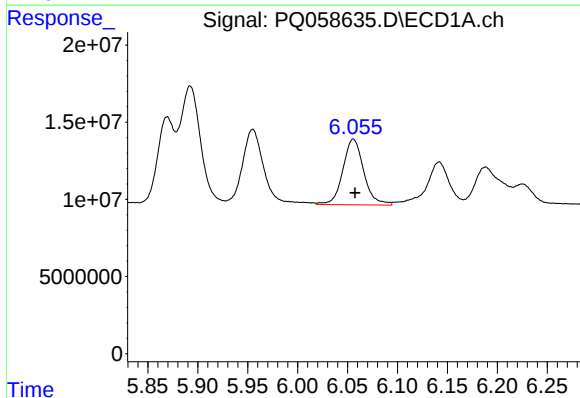
R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 108573219
Conc: 772.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



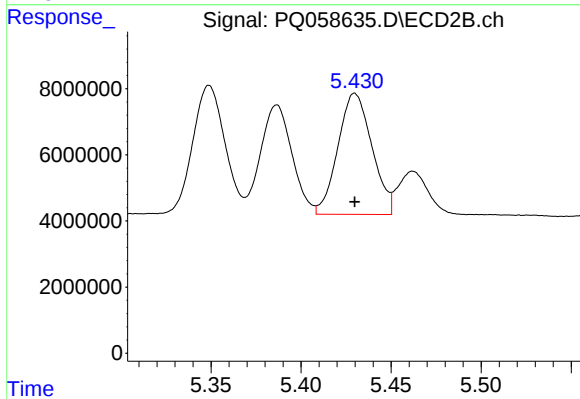
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 48043573
Conc: 875.69 ng/ml



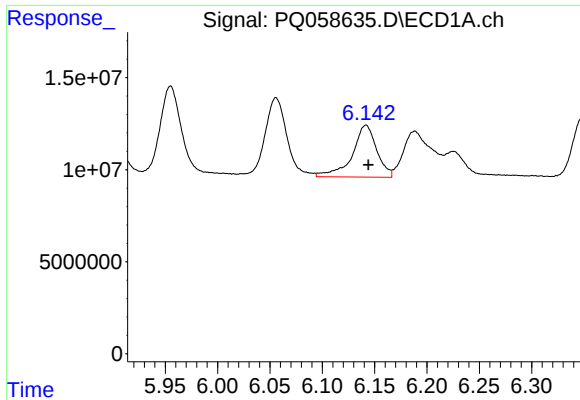
#14 AR-1232-4

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 62015955
Conc: 874.87 ng/ml



#14 AR-1232-4

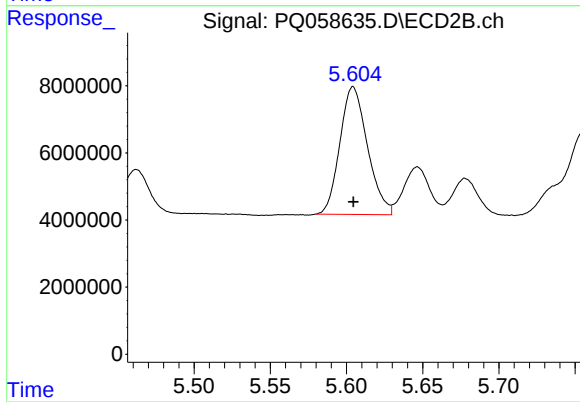
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 48131925
Conc: 915.08 ng/ml



#15 AR-1232-5

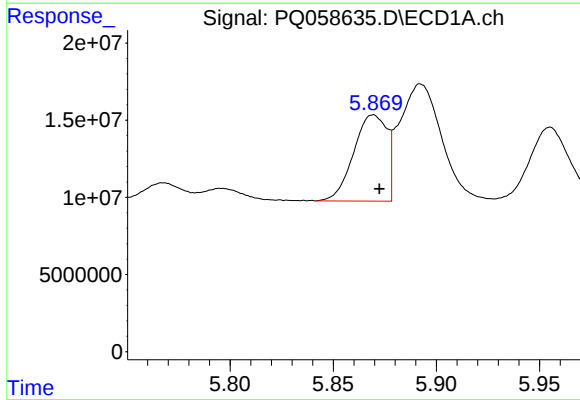
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 46033631
Conc: 1017.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



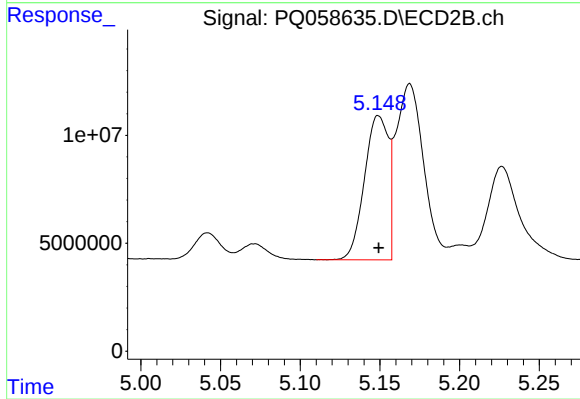
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 47933021
Conc: 841.04 ng/ml



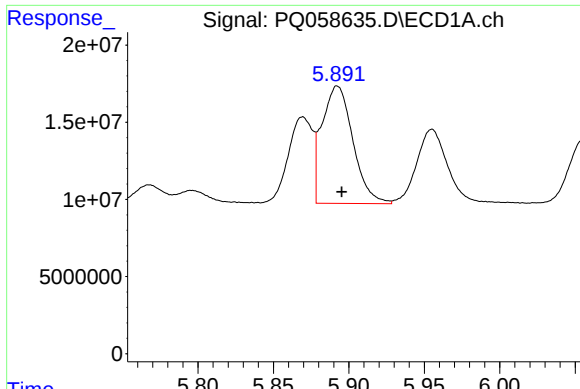
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 62692294
Conc: 454.75 ng/ml



#16 AR-1242-1

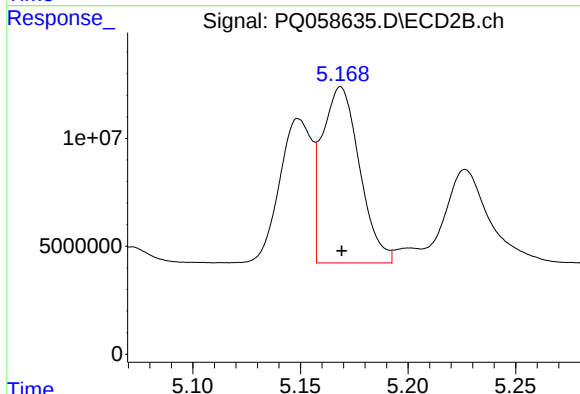
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 69758131
Conc: 503.20 ng/ml



#17 AR-1242-2

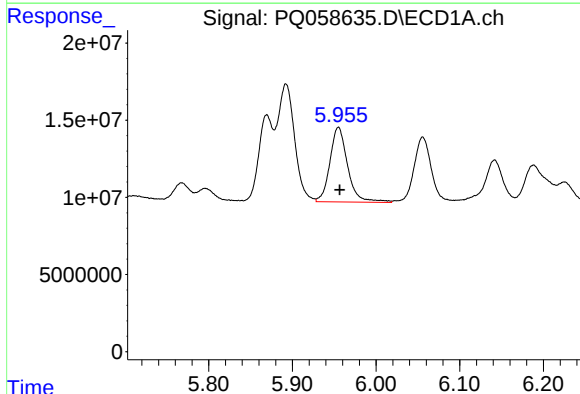
R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 108573219
Conc: 451.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



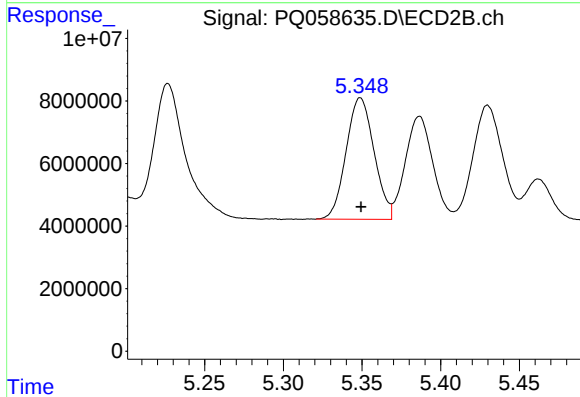
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 98620068
Conc: 493.17 ng/ml



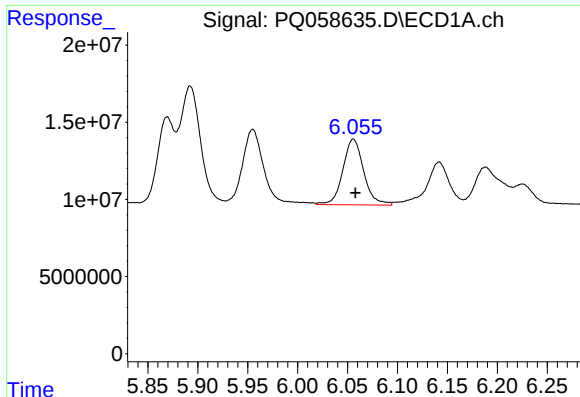
#18 AR-1242-3

R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 71251646
Conc: 448.59 ng/ml



#18 AR-1242-3

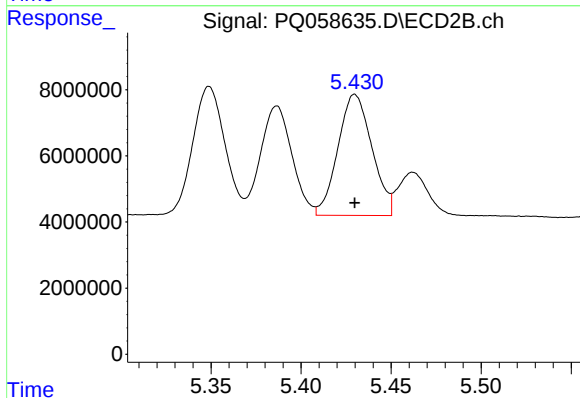
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 48043573
Conc: 486.35 ng/ml



#19 AR-1242-4

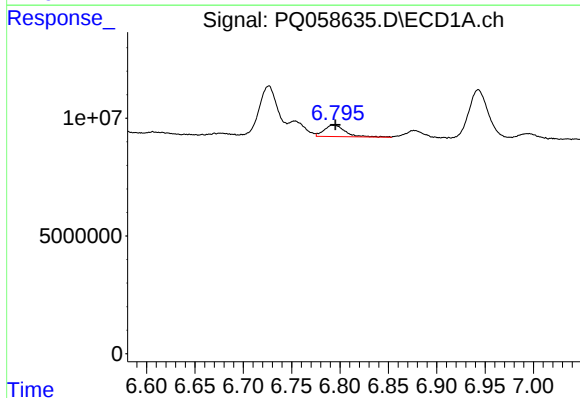
R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 62015955
Conc: 471.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



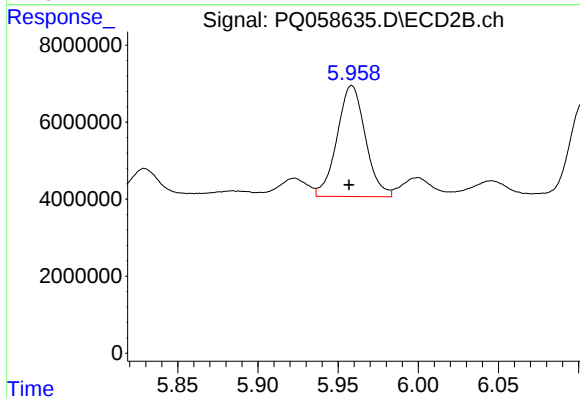
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 48131925
Conc: 473.56 ng/ml



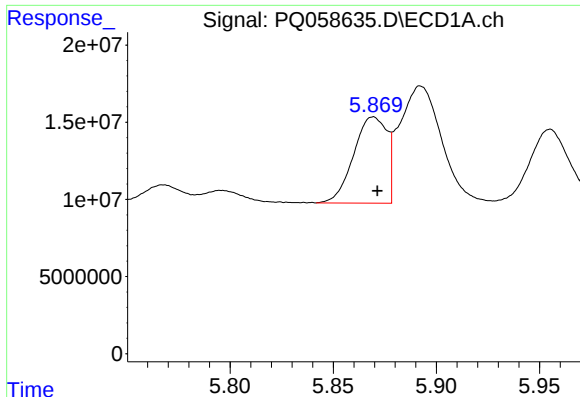
#20 AR-1242-5

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 7329048
Conc: 64.31 ng/ml



#20 AR-1242-5

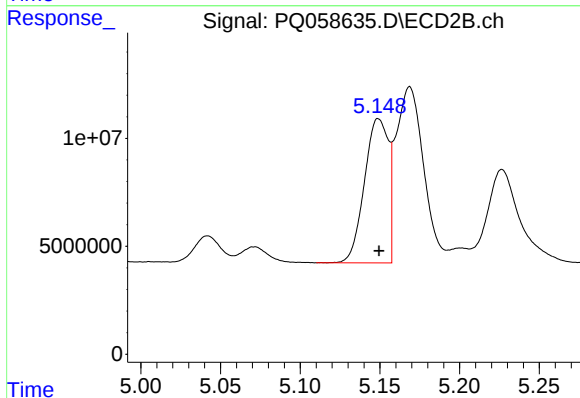
R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 35426825
Conc: 303.50 ng/ml



#21 AR-1248-1

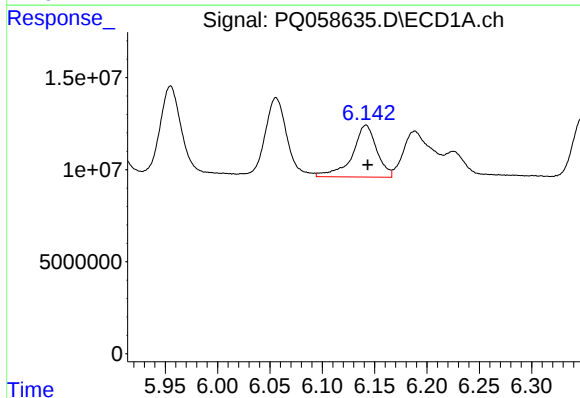
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 62692294
Conc: 533.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



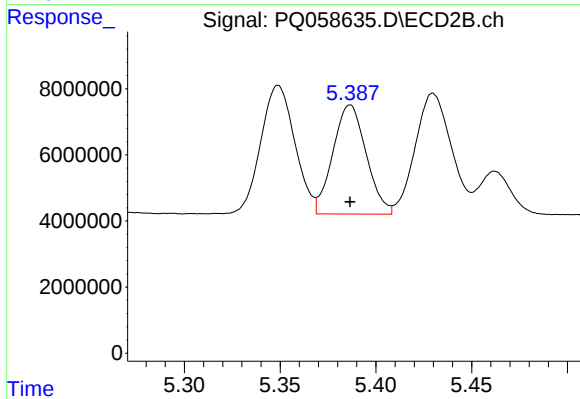
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 69758131
Conc: 602.65 ng/ml



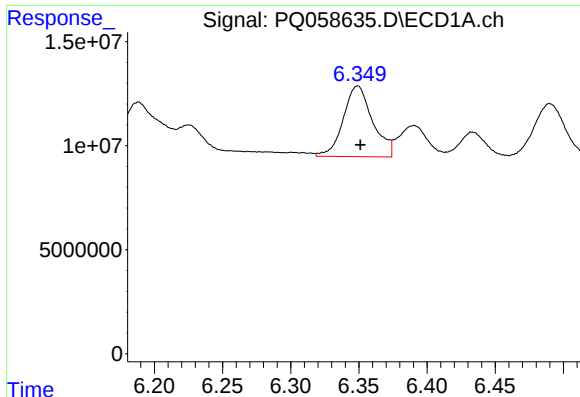
#22 AR-1248-2

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 46033631
Conc: 273.43 ng/ml



#22 AR-1248-2

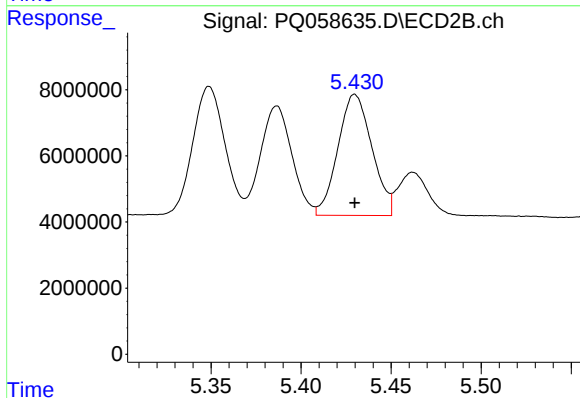
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 40114445
Conc: 240.56 ng/ml



#23 AR-1248-3

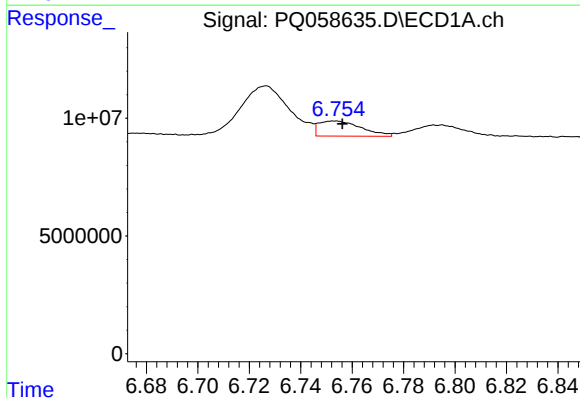
R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 51021390
Conc: 252.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



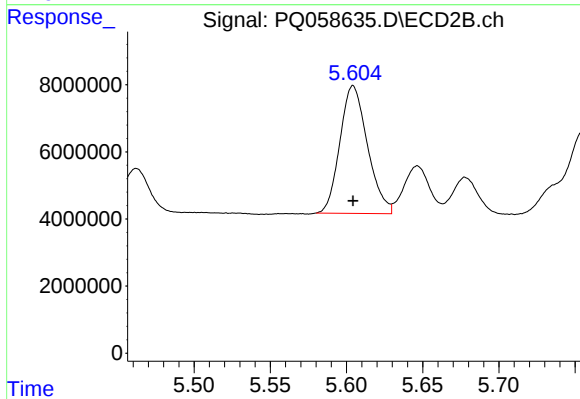
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 48131925
Conc: 278.60 ng/ml



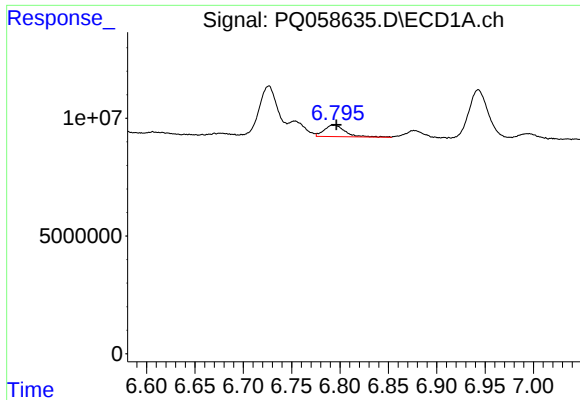
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 7346390
Conc: 37.08 ng/ml



#24 AR-1248-4

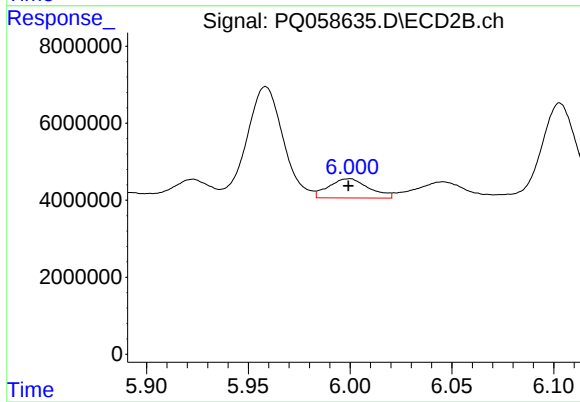
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 47933021
Conc: 241.68 ng/ml



#25 AR-1248-5

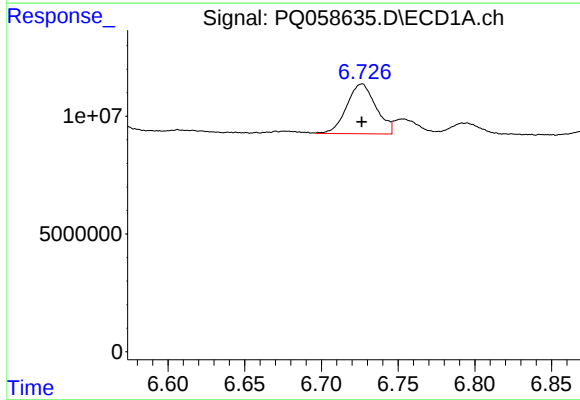
R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 7329048
Conc: 34.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



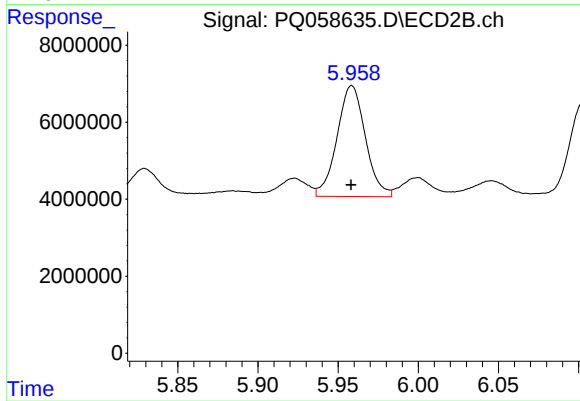
#25 AR-1248-5

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 6814368
Conc: 38.40 ng/ml



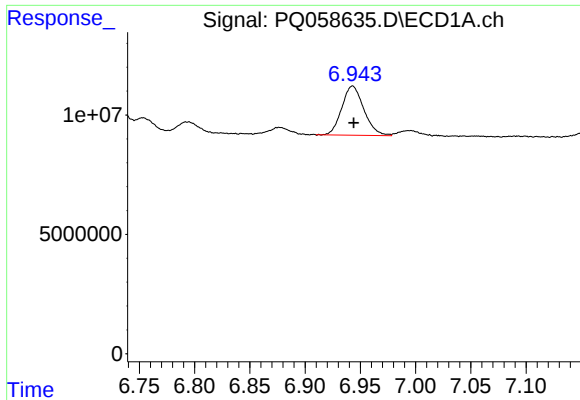
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 28087859
Conc: 134.89 ng/ml



#26 AR-1254-1

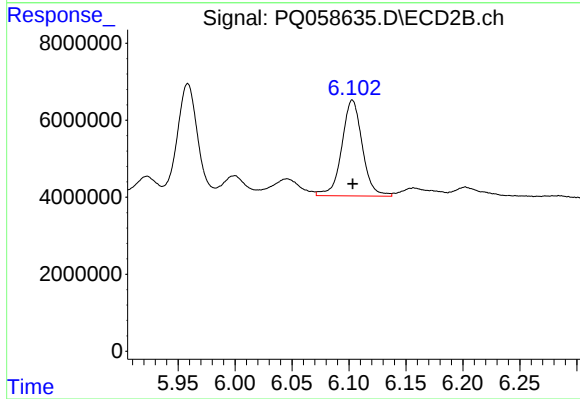
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 35426825
Conc: 117.17 ng/ml



#27 AR-1254-2

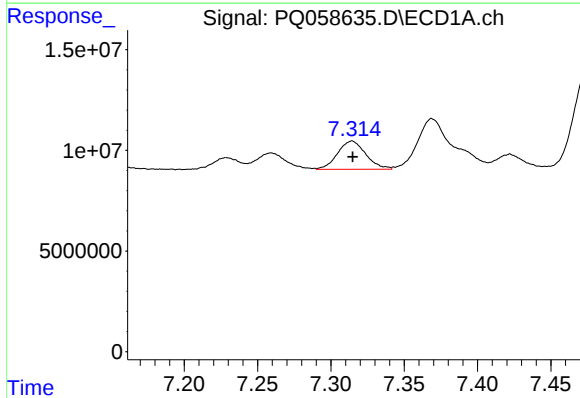
R.T.: 6.943 min
Delta R.T.: -0.001 min
Response: 28708348
Conc: 92.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



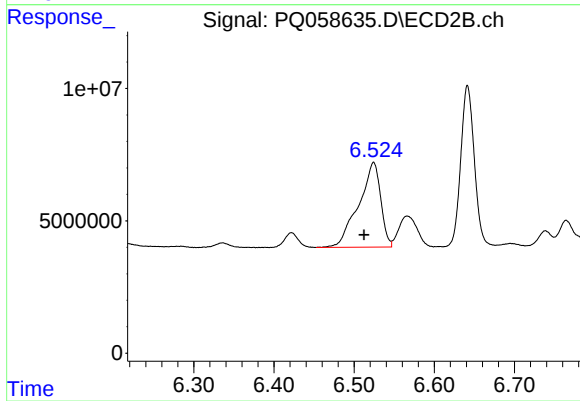
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 31231007
Conc: 120.14 ng/ml



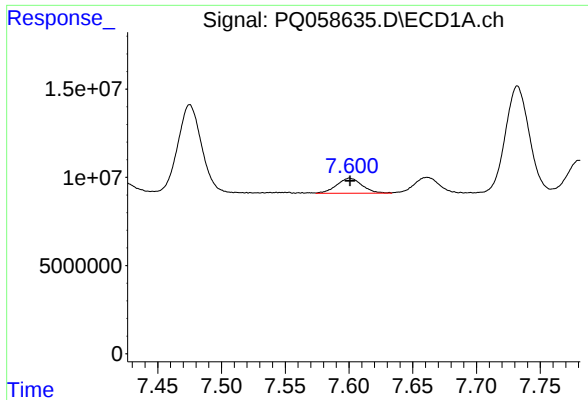
#28 AR-1254-3

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 18806556
Conc: 52.46 ng/ml



#28 AR-1254-3

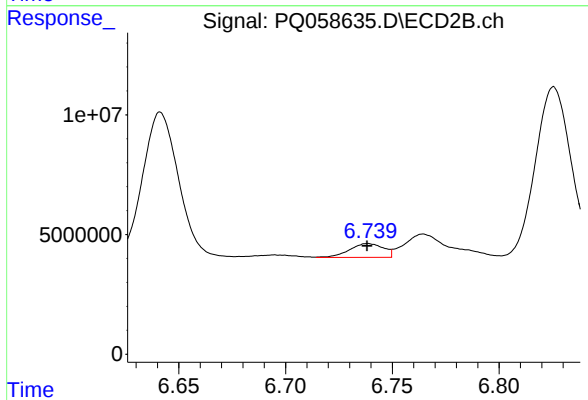
R.T.: 6.524 min
Delta R.T.: 0.012 min
Response: 61231019
Conc: 152.88 ng/ml



#29 AR-1254-4

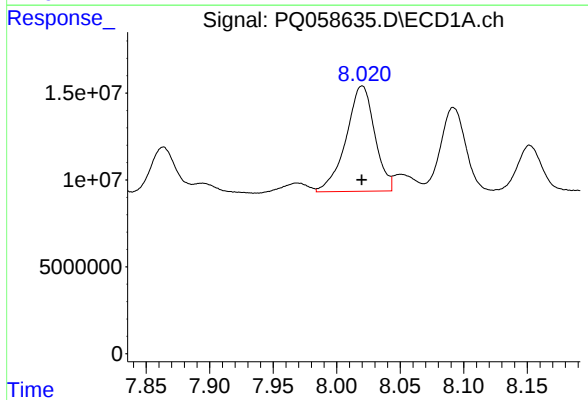
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 11691327
Conc: 53.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



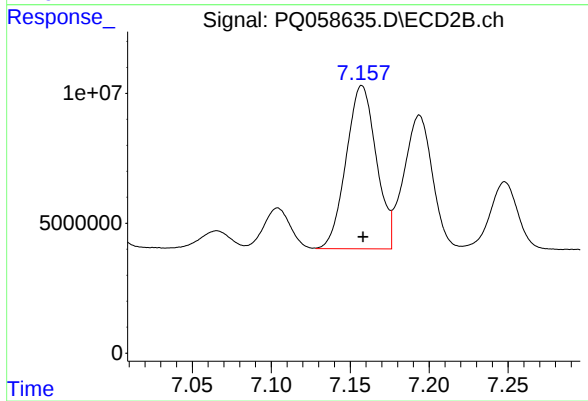
#29 AR-1254-4

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 6380650
Conc: 24.91 ng/ml



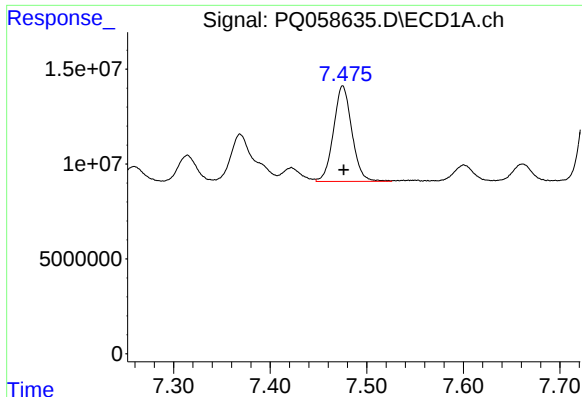
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 95361788
Conc: 366.37 ng/ml



#30 AR-1254-5

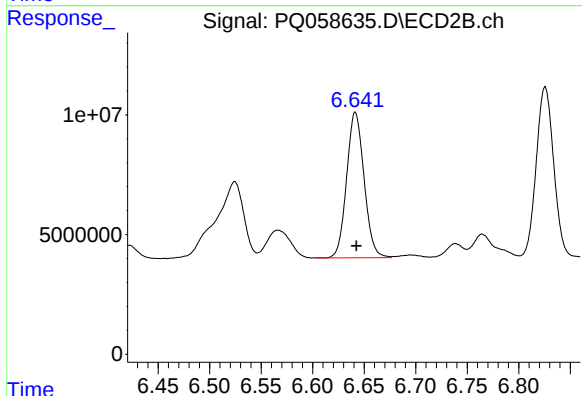
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 83579905
Conc: 273.99 ng/ml



#31 AR-1260-1

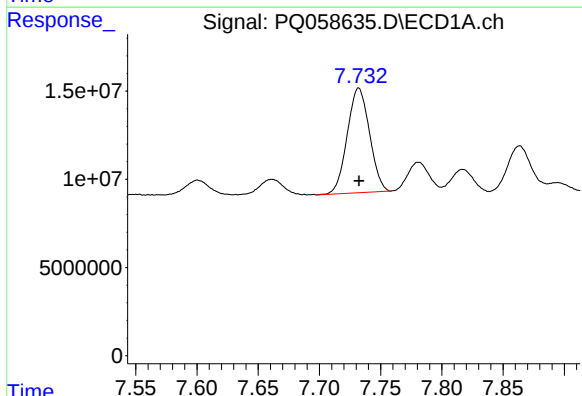
R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 66498978
Conc: 377.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



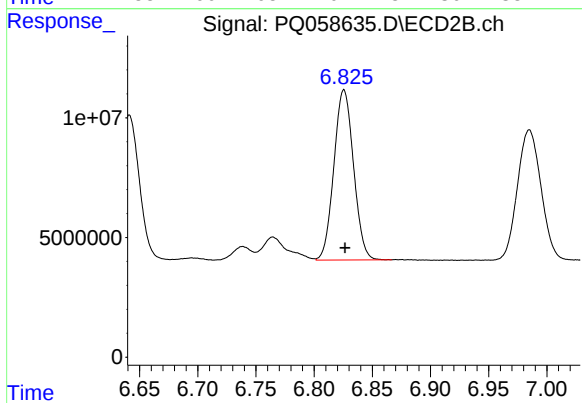
#31 AR-1260-1

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 71674088
Conc: 358.07 ng/ml



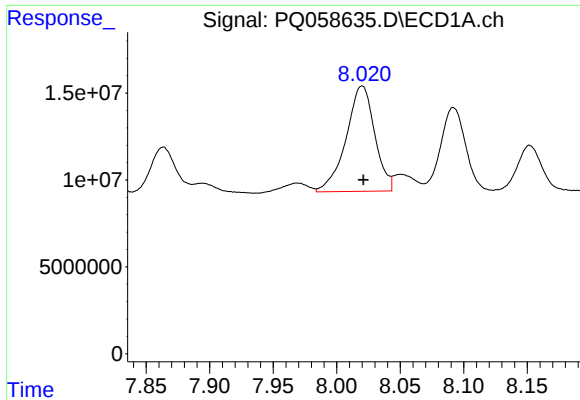
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 74978178
Conc: 358.03 ng/ml



#32 AR-1260-2

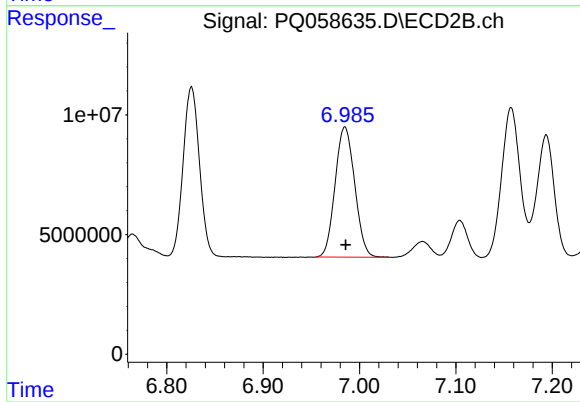
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 83498374
Conc: 358.77 ng/ml



#33 AR-1260-3

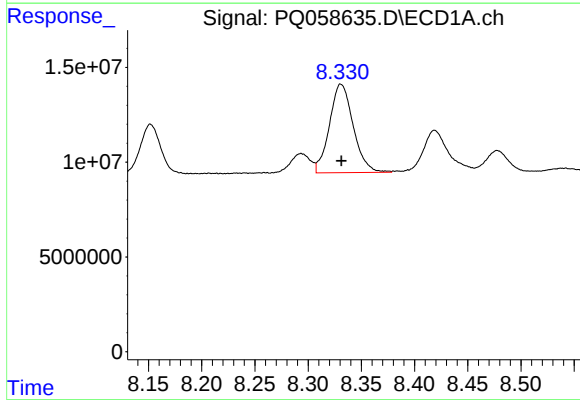
R.T.: 8.020 min
Delta R.T.: -0.001 min
Response: 95361788
Conc: 360.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



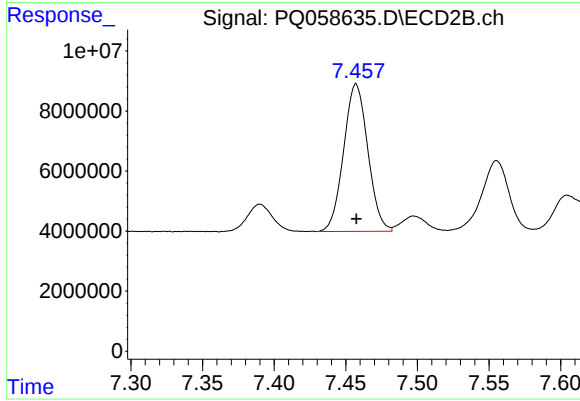
#33 AR-1260-3

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 76780316
Conc: 358.90 ng/ml



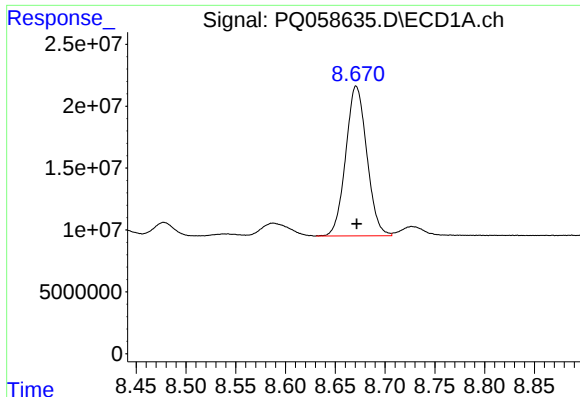
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: 0.000 min
Response: 72582877
Conc: 356.79 ng/ml



#34 AR-1260-4

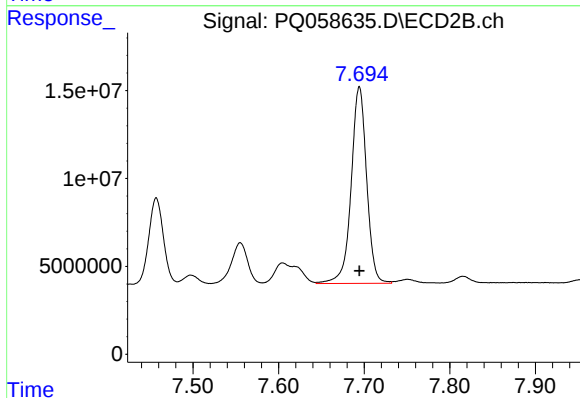
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 57831007
Conc: 327.21 ng/ml



#35 AR-1260-5

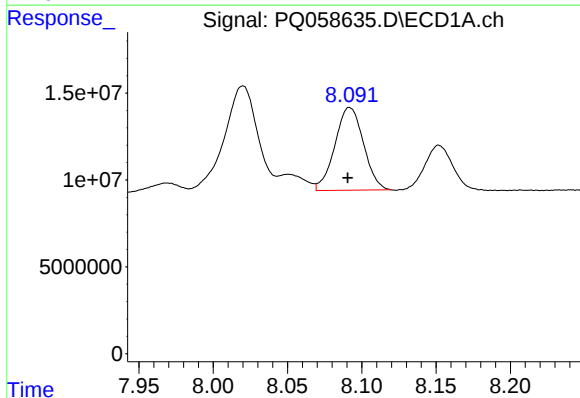
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 178410683
Conc: 404.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



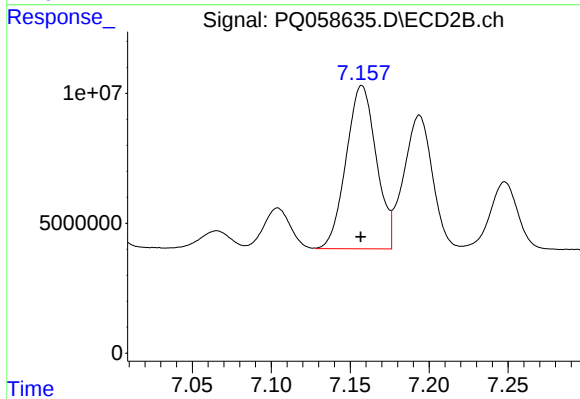
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 140615316
Conc: 353.50 ng/ml



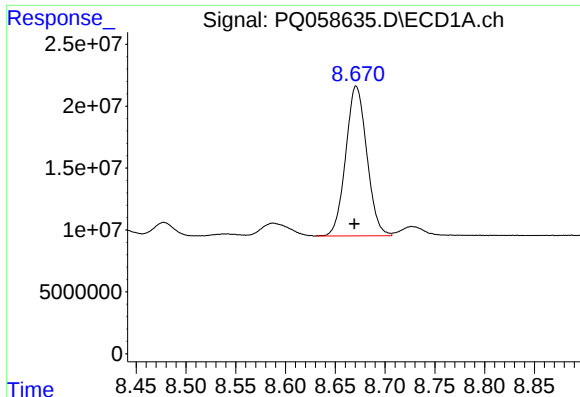
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: 0.001 min
Response: 63890993
Conc: 195.95 ng/ml



#36 AR-1262-1

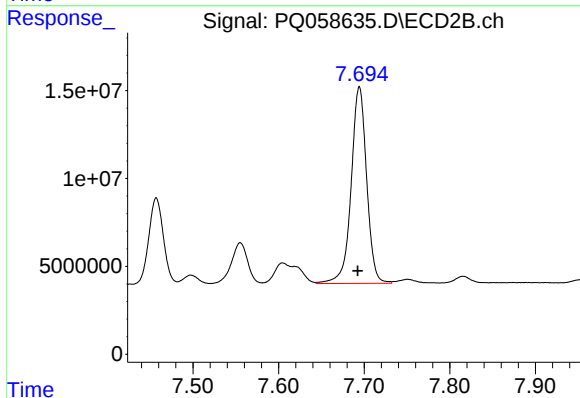
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 83579905
Conc: 518.33 ng/ml



#37 AR-1262-2

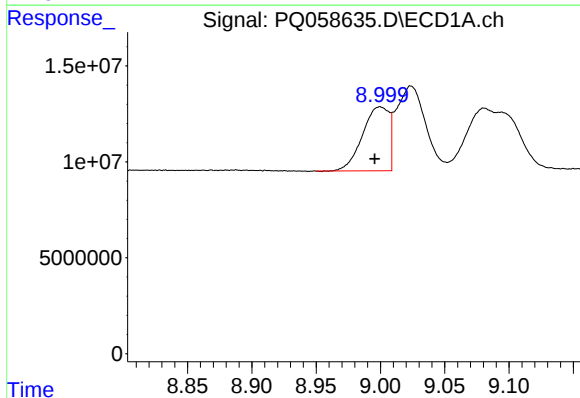
R.T.: 8.671 min
Delta R.T.: 0.002 min
Response: 178410683
Conc: 278.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



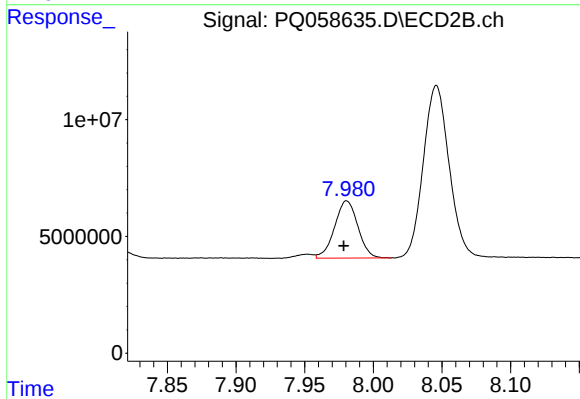
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 140615316
Conc: 251.67 ng/ml



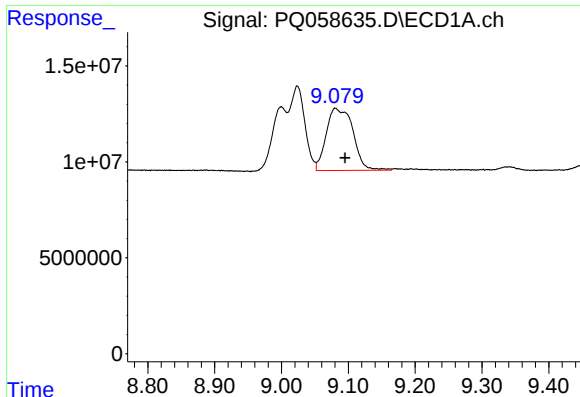
#38 AR-1262-3

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 47989139
Conc: 137.24 ng/ml



#38 AR-1262-3

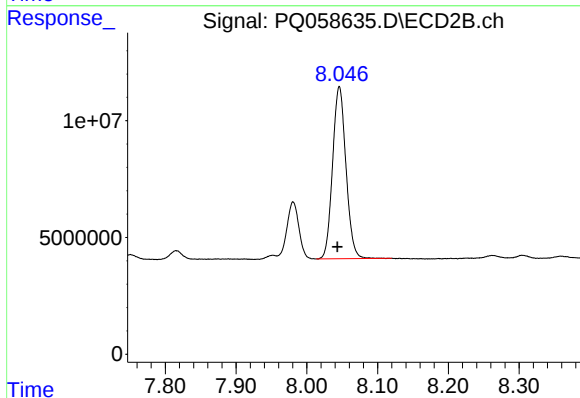
R.T.: 7.981 min
Delta R.T.: 0.002 min
Response: 28926054
Conc: 132.79 ng/ml



#39 AR-1262-4

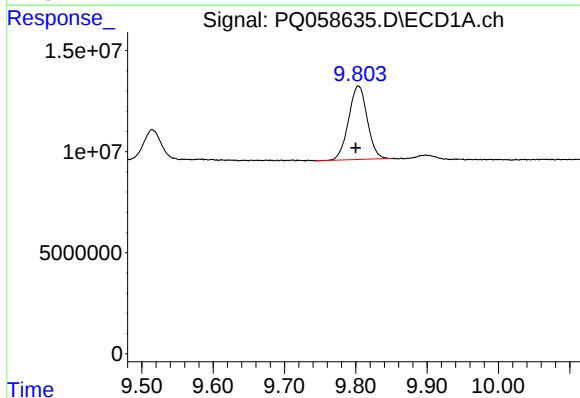
R.T.: 9.081 min
Delta R.T.: -0.014 min
Response: 90123872
Conc: 288.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



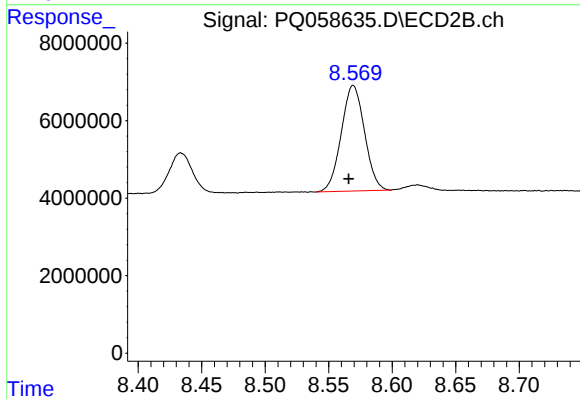
#39 AR-1262-4

R.T.: 8.046 min
Delta R.T.: 0.003 min
Response: 96668629
Conc: 242.28 ng/ml



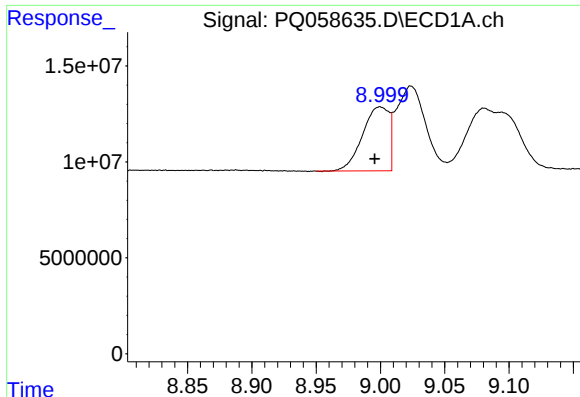
#40 AR-1262-5

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 66154361
Conc: 260.91 ng/ml



#40 AR-1262-5

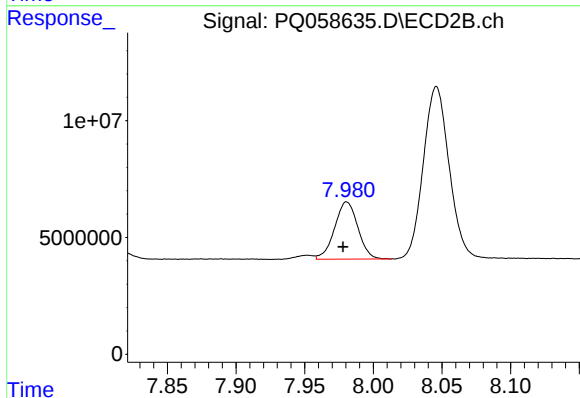
R.T.: 8.569 min
Delta R.T.: 0.004 min
Response: 34739144
Conc: 219.04 ng/ml



#41 AR-1268-1

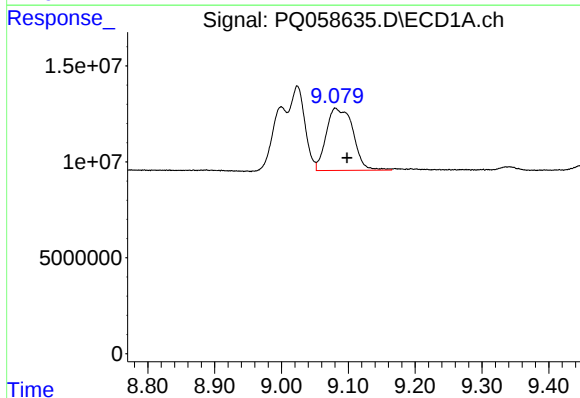
R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 47989139
Conc: 46.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



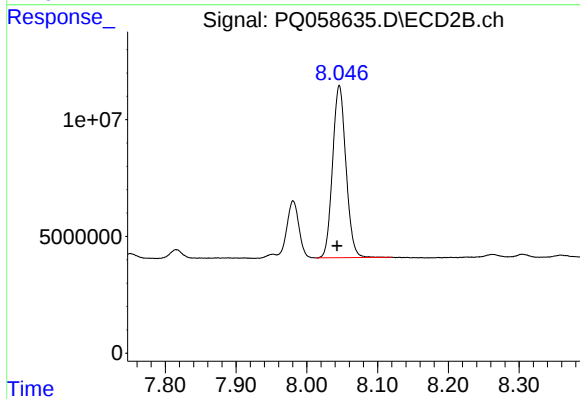
#41 AR-1268-1

R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 28926054
Conc: 37.22 ng/ml



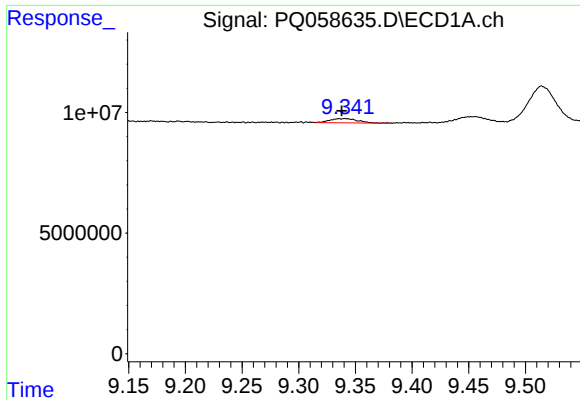
#42 AR-1268-2

R.T.: 9.081 min
Delta R.T.: -0.017 min
Response: 90123872
Conc: 82.98 ng/ml



#42 AR-1268-2

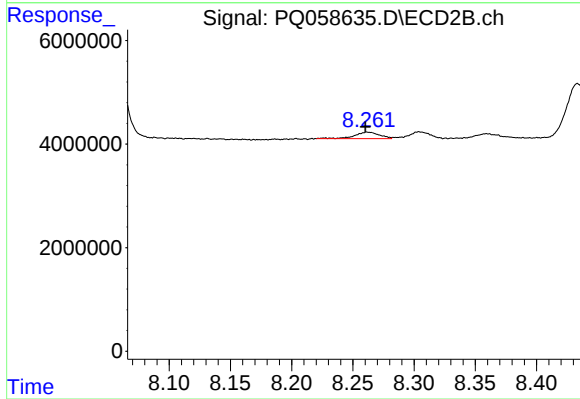
R.T.: 8.046 min
Delta R.T.: 0.003 min
Response: 96668629
Conc: 136.87 ng/ml



#43 AR-1268-3

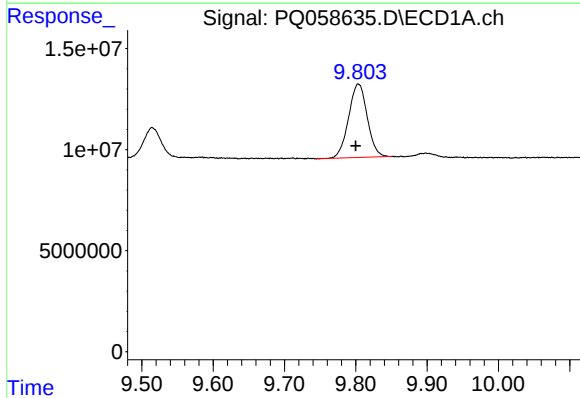
R.T.: 9.341 min
Delta R.T.: 0.003 min
Response: 2994317
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



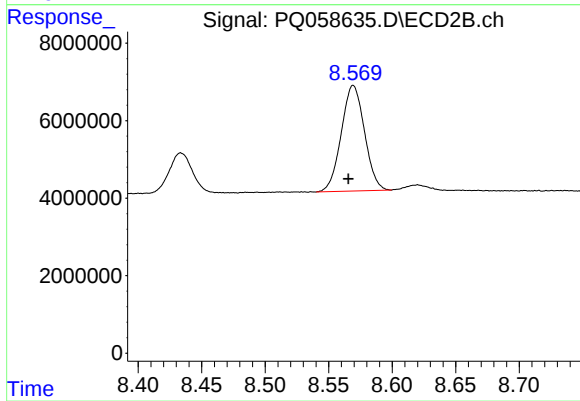
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: 0.002 min
Response: 1746561
Conc: 2.85 ng/ml



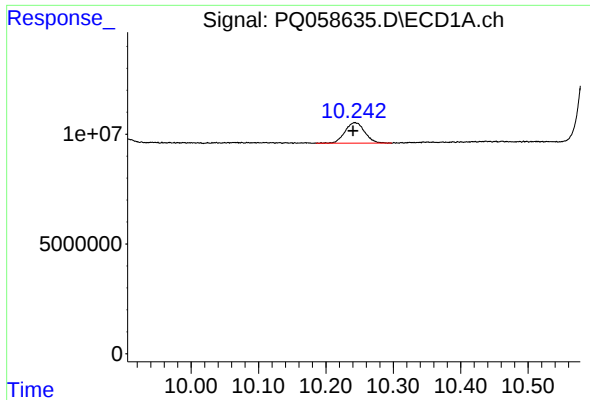
#44 AR-1268-4

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 66154361
Conc: 199.40 ng/ml



#44 AR-1268-4

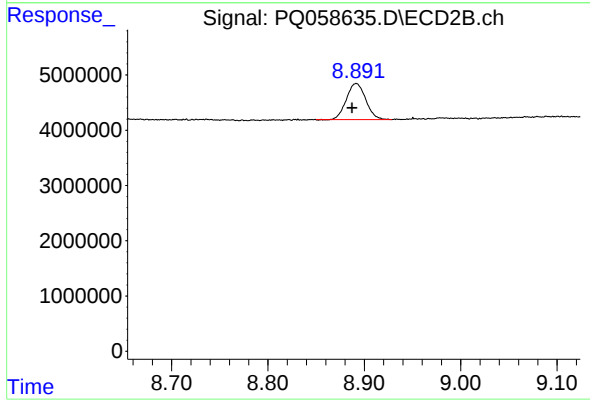
R.T.: 8.569 min
Delta R.T.: 0.004 min
Response: 34739144
Conc: 163.19 ng/ml



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: 0.003 min
Response: 19160993
Conc: 6.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.892 min
Delta R.T.: 0.004 min
Response: 9134552
Conc: 4.96 ng/ml