

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 17:18
 Operator : YP\AJ
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:00:20 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...	4.690	4.052	68296782	49082805	9.707	8.780
2)	SA Decachlor...	10.603	9.177	106.9E6	60209072	19.117	18.184
Target Compounds							
3)	L1 AR-1016-1	5.871	5.150	28766070	28404942	190.277	181.963
4)	L1 AR-1016-2	5.894	5.170	50996145	40287830	195.898	179.582
5)	L1 AR-1016-3	5.956	5.350	34874603	19935011	215.973	180.419
6)	L1 AR-1016-4	6.058	5.387	28098828	17446652	208.697	183.321
7)	L1 AR-1016-5	6.351	5.606	23868247	21176429	203.445	181.250
8)	L2 AR-1221-1	4.896	4.264	4323157	2444195	55.236	41.174 #
9)	L2 AR-1221-2	4.991	4.354	5562336	3569246	101.427	87.121
10)	L2 AR-1221-3	5.069	4.431	19161923	16044955	109.527	111.101
11)	L3 AR-1232-1	5.069	4.431	19161923	16044955	121.028	121.691
12)	L3 AR-1232-2	5.602	5.170	25726264	40287830	335.524	343.850
13)	L3 AR-1232-3	5.894	5.350	50996145	19935011	362.835	363.355
14)	L3 AR-1232-4	6.058	5.431	28098828	21218091	396.395	403.396
15)	L3 AR-1232-5	6.143	5.606	21201418	21176429	468.660	371.565
16)	L4 AR-1242-1	5.871	5.150	28766070	28404942	208.658	204.900
17)	L4 AR-1242-2	5.894	5.170	50996145	40287830	212.144	201.469
18)	L4 AR-1242-3	5.956	5.350	34874603	19935011	219.568	201.803
19)	L4 AR-1242-4	6.058	5.431	28098828	21218091	213.618	208.762
20)	L4 AR-1242-5	6.796	5.959	4267290	14717949	37.442	126.090 #
21)	L5 AR-1248-1	5.871	5.150	28766070	28404942	244.759	245.394
22)	L5 AR-1248-2	6.143	5.387	21201418	17446652	125.932	104.624
23)	L5 AR-1248-3	6.351	5.431	23868247	21218091	118.077	122.815
24)	L5 AR-1248-4	6.755	5.606	3837945	21176429	19.369	106.772 #
25)	L5 AR-1248-5	6.796	6.000	4267290	2444704	20.182	13.775 #
26)	L6 AR-1254-1	6.728	5.959	13775759	14717949	66.158	48.678 #
27)	L6 AR-1254-2	6.944	6.104	14545190	13622656	46.731	52.405
28)	L6 AR-1254-3	7.315	6.525	9545577	30845568	26.628	77.014 #
29)	L6 AR-1254-4	7.602	6.739	6082011	2982600	28.022	11.646 #
30)	L6 AR-1254-5	8.021	7.158	46348917	42492546	178.066	139.298
31)	L7 AR-1260-1	7.477	6.642	33275395	35967389	188.959	179.684
32)	L7 AR-1260-2	7.733	6.826	36712017	41844216	175.304	179.791
33)	L7 AR-1260-3	8.021	6.985	46348917	38800203	175.269	181.365
34)	L7 AR-1260-4	8.332	7.458	37898813	31496928	186.299	178.211
35)	L7 AR-1260-5	8.673	7.694	81859221	70226642	185.721	176.548
36)	L8 AR-1262-1	8.093	7.158	31702275	42492546	97.231	263.525 #
37)	L8 AR-1262-2	8.673	7.694	81859221	70226642	127.939	125.691
38)	L8 AR-1262-3	9.000	7.981	21979676	16636348	62.860	76.373
39)	L8 AR-1262-4	9.081	8.045	44208494	50396388	141.392	126.309
40)	L8 AR-1262-5	9.804	8.569	26464815	16357071	104.376	103.136
41)	L9 AR-1268-1	9.000	7.981	21979676	16636348	21.195	21.406

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
Data File : PQ058526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2022 17:18
Operator : YP\AJ
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

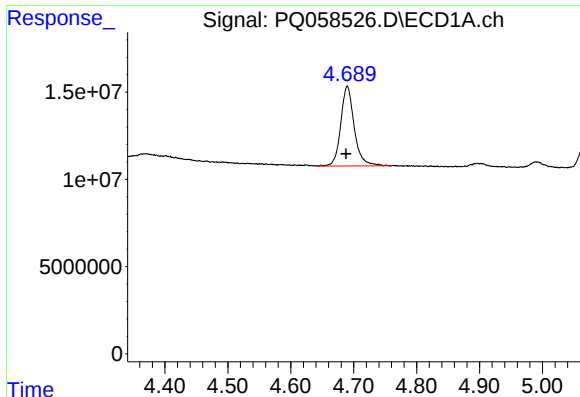
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 06:00:20 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	8.045	44208494	50396388	40.704	71.355 #
43)	L9 AR-1268-3	9.331	8.262	1378562	845216	1.397	1.378
44)	L9 AR-1268-4	9.804	8.569	26464815	16357071	79.770	76.839
45)	L9 AR-1268-5	10.245	8.891	8853923	4753433	2.939	2.583

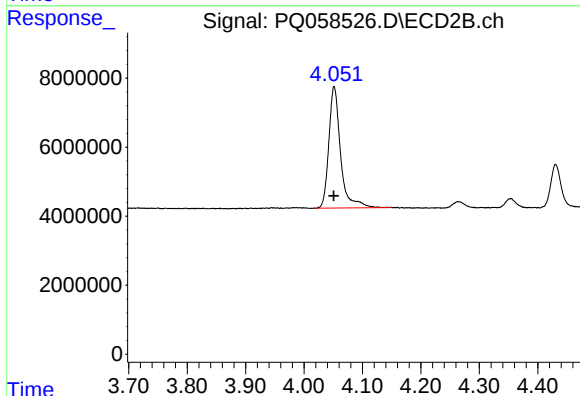
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

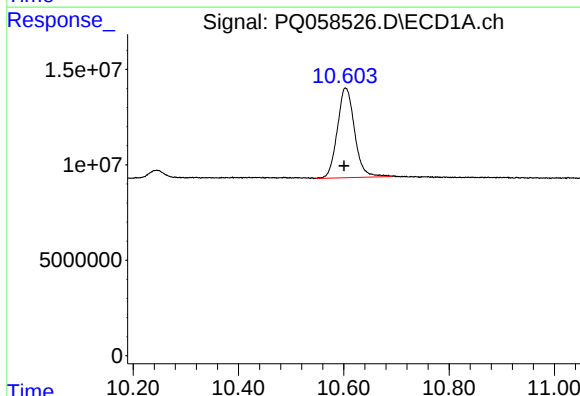
R.T.: 4.690 min
Delta R.T.: 0.002 min
Response: 68296782
Conc: 9.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



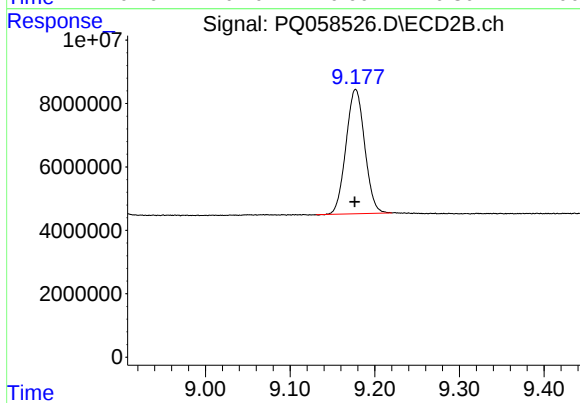
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 49082805
Conc: 8.78 ng/ml



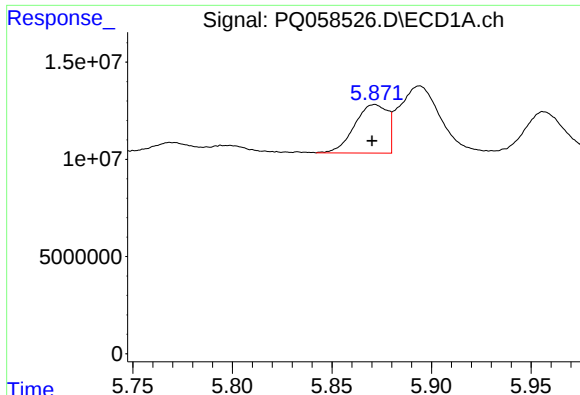
#2 Decachlorobiphenyl

R.T.: 10.603 min
Delta R.T.: 0.003 min
Response: 106945436
Conc: 19.12 ng/ml



#2 Decachlorobiphenyl

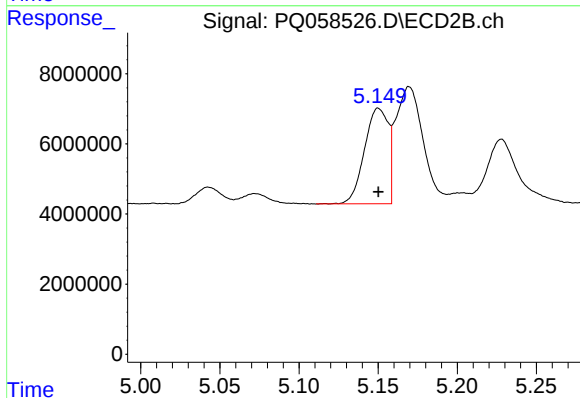
R.T.: 9.177 min
Delta R.T.: 0.000 min
Response: 60209072
Conc: 18.18 ng/ml



#3 AR-1016-1

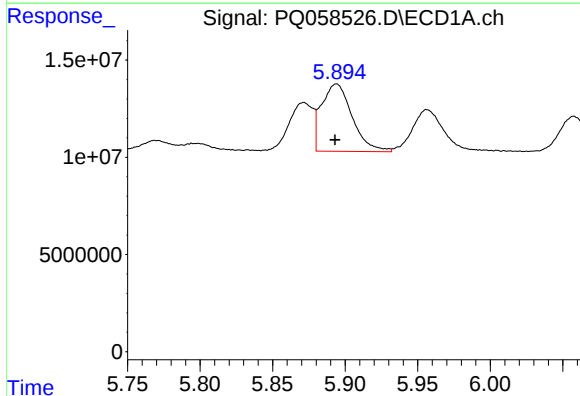
R.T.: 5.871 min
Delta R.T.: 0.001 min
Response: 28766070
Conc: 190.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



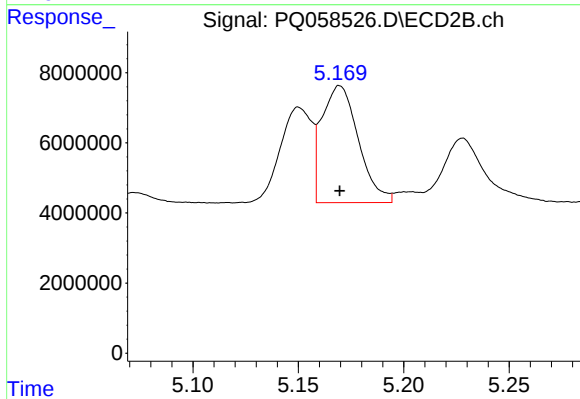
#3 AR-1016-1

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 28404942
Conc: 181.96 ng/ml



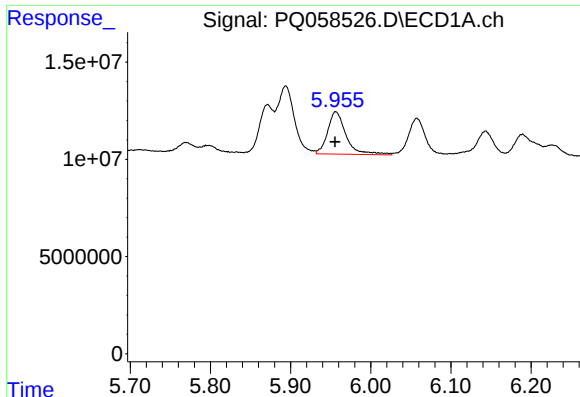
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: 0.001 min
Response: 50996145
Conc: 195.90 ng/ml



#4 AR-1016-2

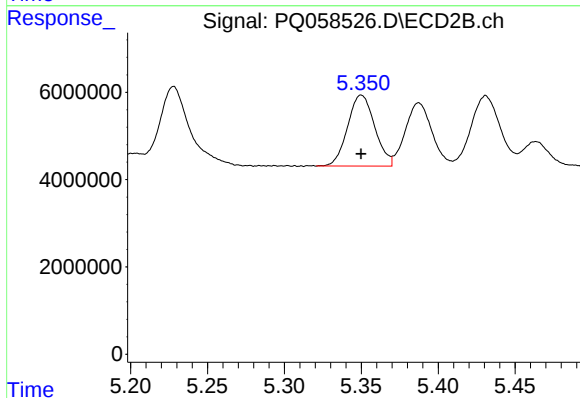
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 40287830
Conc: 179.58 ng/ml



#5 AR-1016-3

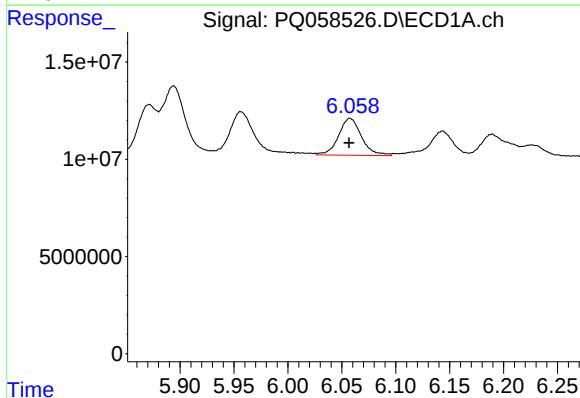
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 34874603
Conc: 215.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



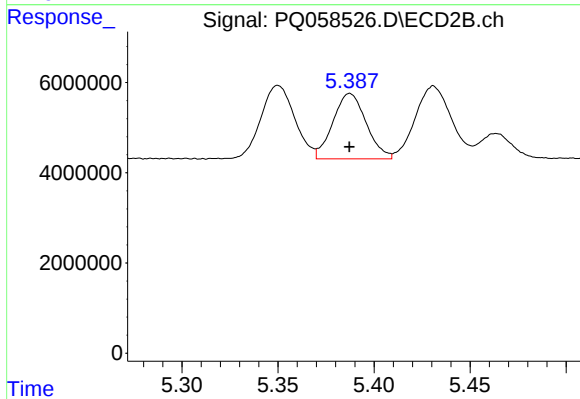
#5 AR-1016-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19935011
Conc: 180.42 ng/ml



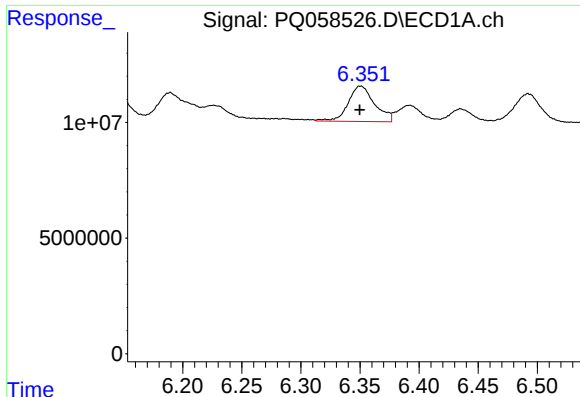
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 28098828
Conc: 208.70 ng/ml



#6 AR-1016-4

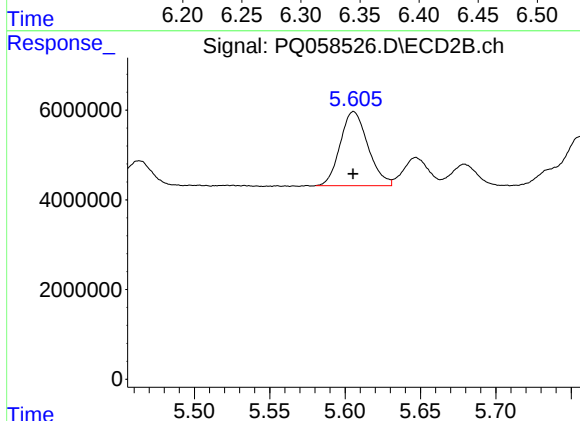
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 17446652
Conc: 183.32 ng/ml



#7 AR-1016-5

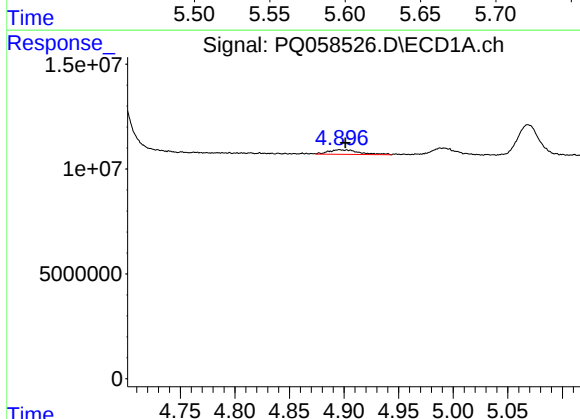
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 23868247
Conc: 203.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



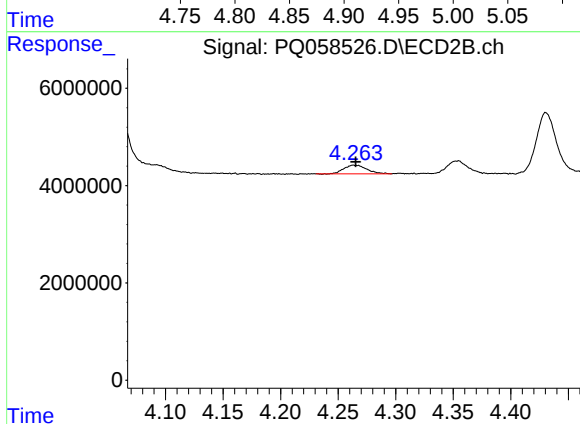
#7 AR-1016-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 21176429
Conc: 181.25 ng/ml



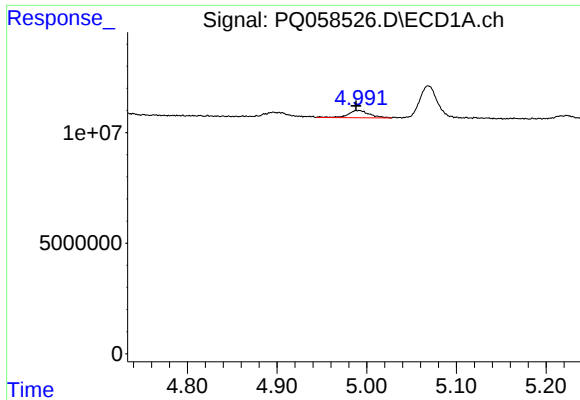
#8 AR-1221-1

R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 4323157
Conc: 55.24 ng/ml



#8 AR-1221-1

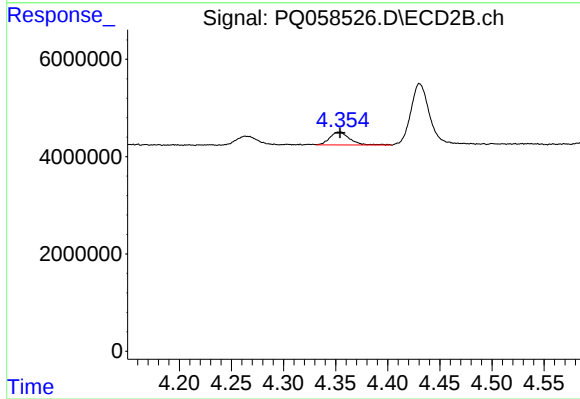
R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 2444195
Conc: 41.17 ng/ml



#9 AR-1221-2

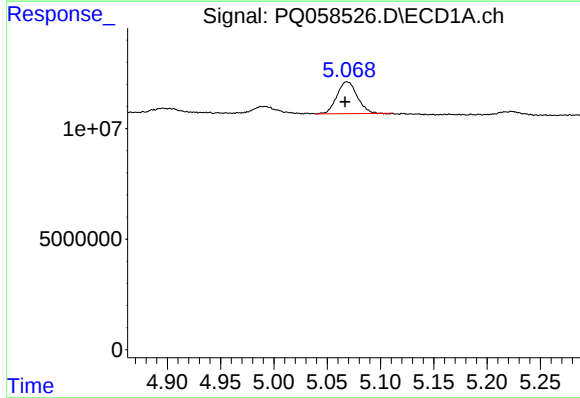
R.T.: 4.991 min
Delta R.T.: 0.003 min
Response: 5562336
Conc: 101.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



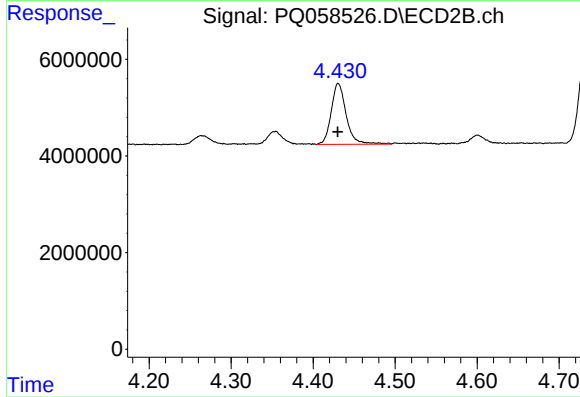
#9 AR-1221-2

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3569246
Conc: 87.12 ng/ml



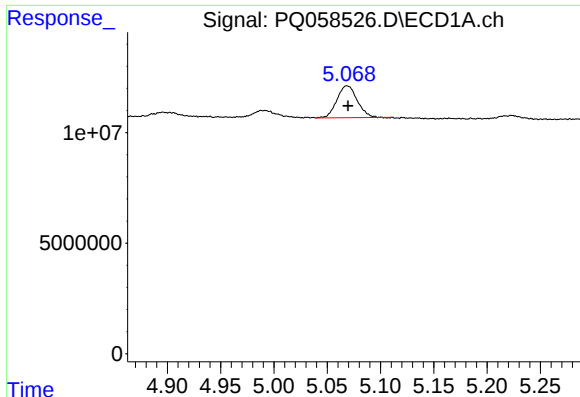
#10 AR-1221-3

R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 19161923
Conc: 109.53 ng/ml



#10 AR-1221-3

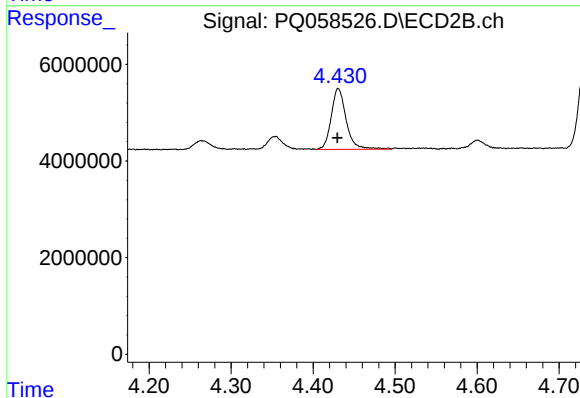
R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 16044955
Conc: 111.10 ng/ml



#11 AR-1232-1

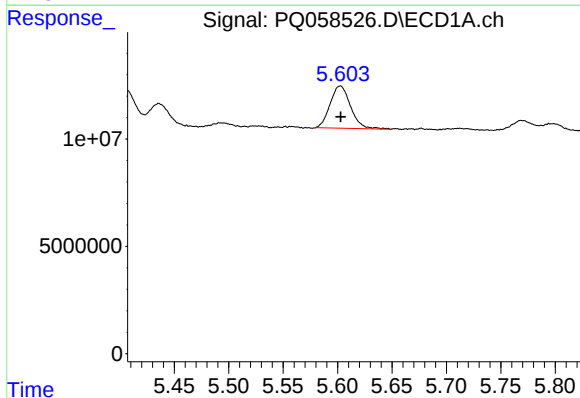
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 19161923
Conc: 121.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



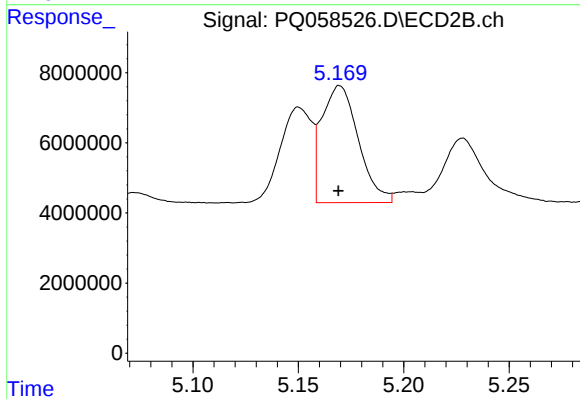
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.001 min
Response: 16044955
Conc: 121.69 ng/ml



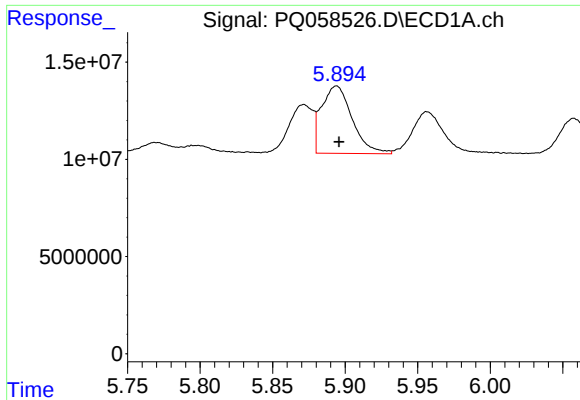
#12 AR-1232-2

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 25726264
Conc: 335.52 ng/ml



#12 AR-1232-2

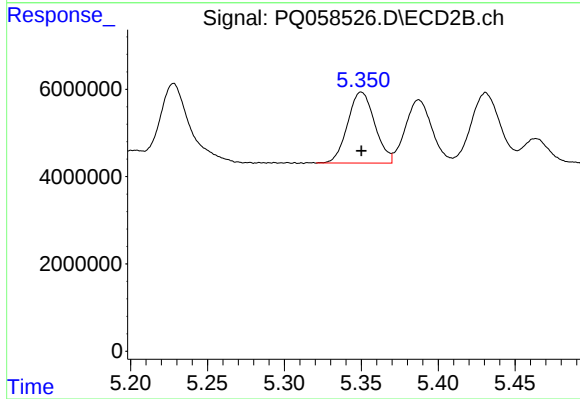
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 40287830
Conc: 343.85 ng/ml



#13 AR-1232-3

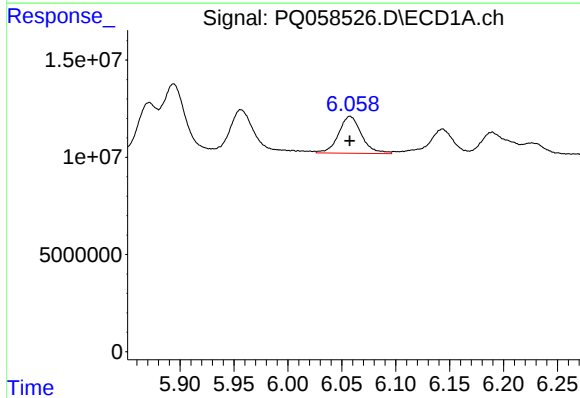
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 50996145
Conc: 362.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



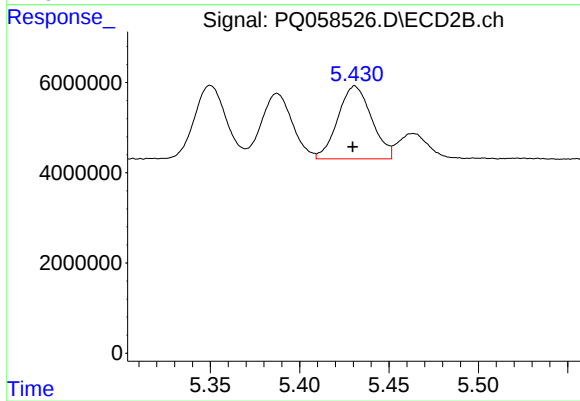
#13 AR-1232-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19935011
Conc: 363.35 ng/ml



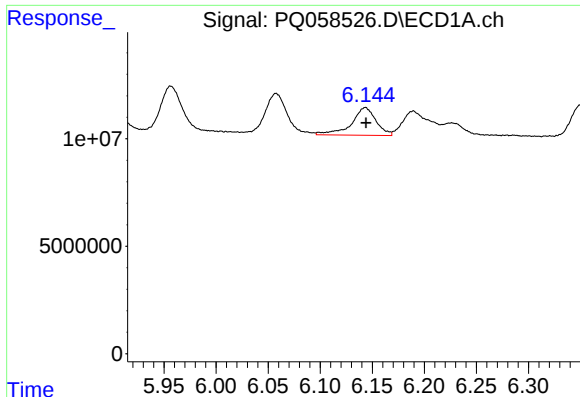
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 28098828
Conc: 396.40 ng/ml



#14 AR-1232-4

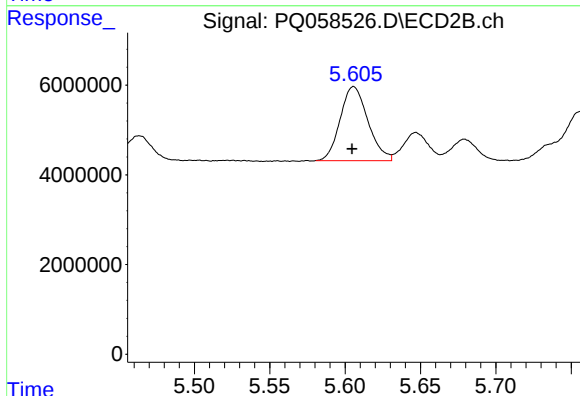
R.T.: 5.431 min
Delta R.T.: 0.001 min
Response: 21218091
Conc: 403.40 ng/ml



#15 AR-1232-5

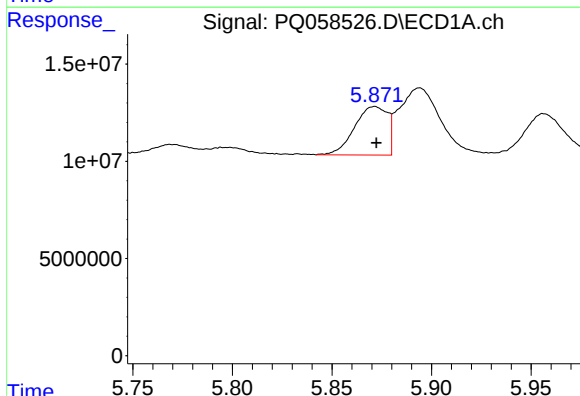
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 21201418
Conc: 468.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



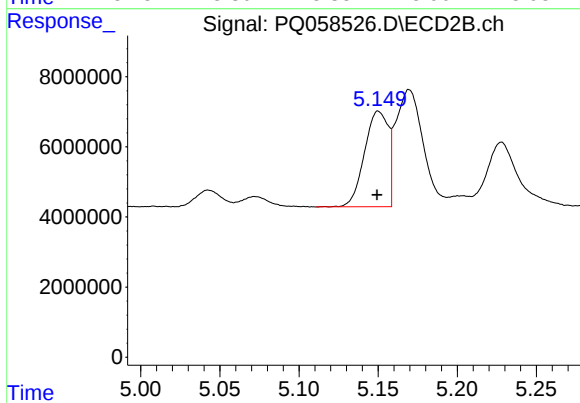
#15 AR-1232-5

R.T.: 5.606 min
Delta R.T.: 0.001 min
Response: 21176429
Conc: 371.56 ng/ml



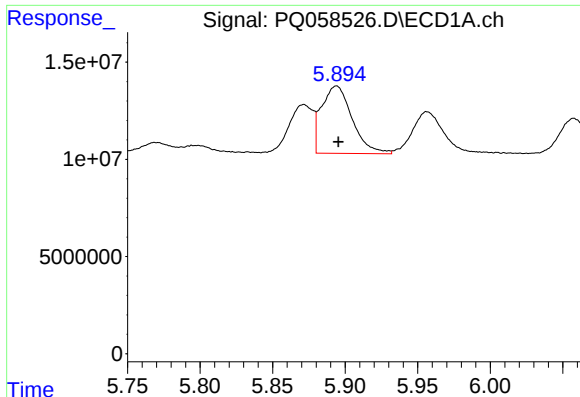
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 28766070
Conc: 208.66 ng/ml



#16 AR-1242-1

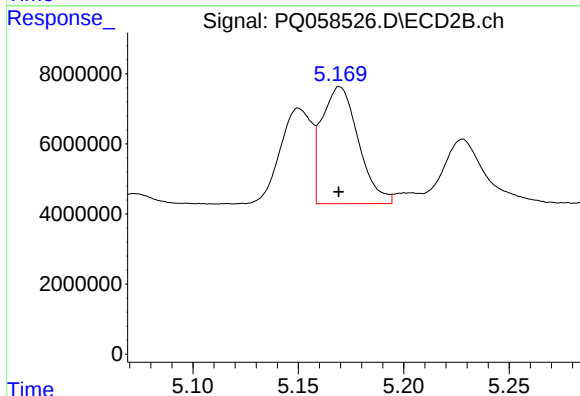
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 28404942
Conc: 204.90 ng/ml



#17 AR-1242-2

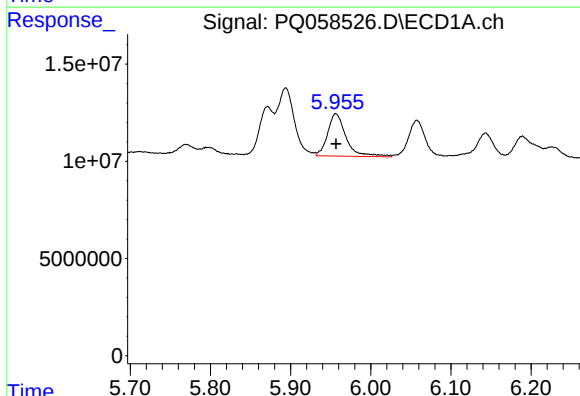
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 50996145
Conc: 212.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



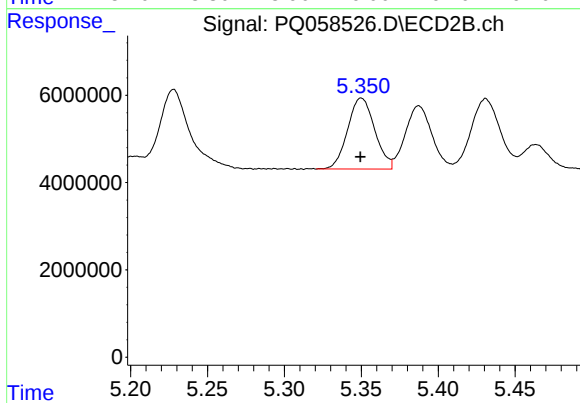
#17 AR-1242-2

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 40287830
Conc: 201.47 ng/ml



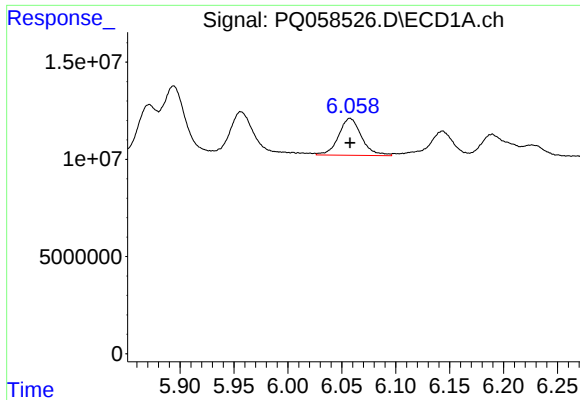
#18 AR-1242-3

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 34874603
Conc: 219.57 ng/ml



#18 AR-1242-3

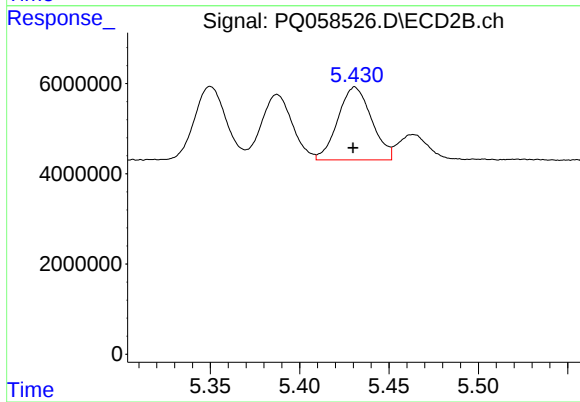
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19935011
Conc: 201.80 ng/ml



#19 AR-1242-4

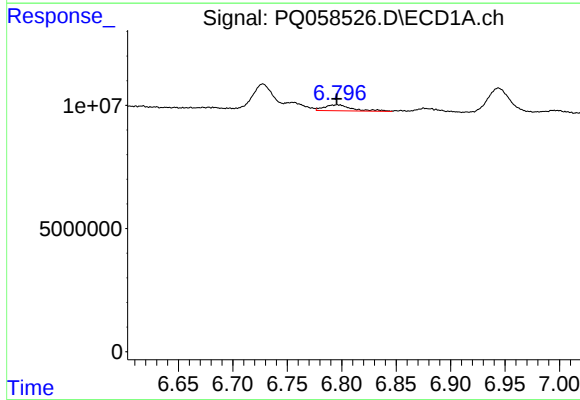
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 28098828
Conc: 213.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



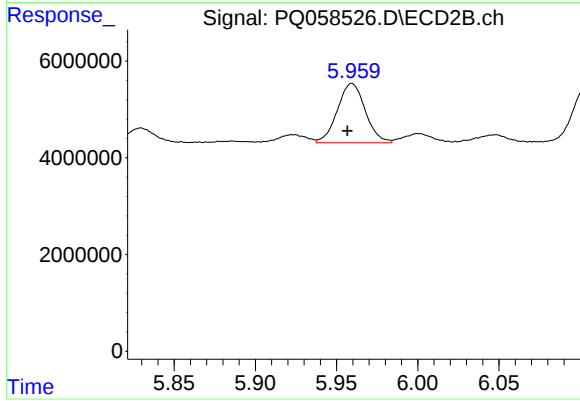
#19 AR-1242-4

R.T.: 5.431 min
Delta R.T.: 0.001 min
Response: 21218091
Conc: 208.76 ng/ml



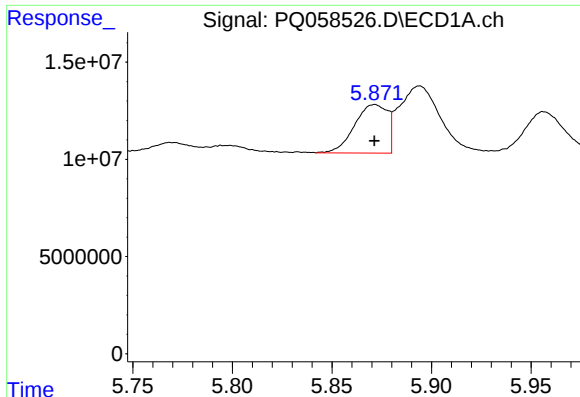
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 4267290
Conc: 37.44 ng/ml



#20 AR-1242-5

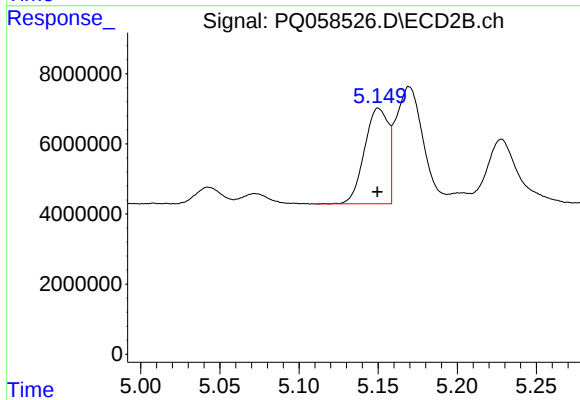
R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 14717949
Conc: 126.09 ng/ml



#21 AR-1248-1

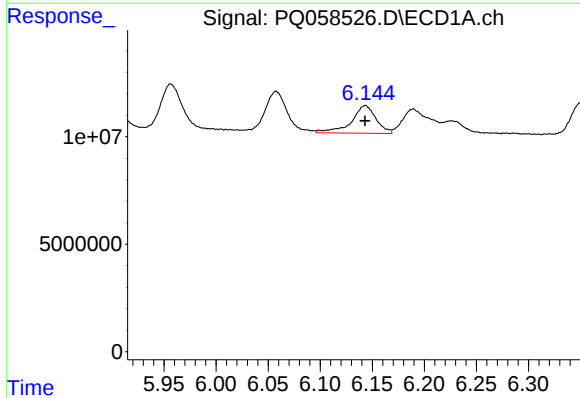
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 28766070
Conc: 244.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



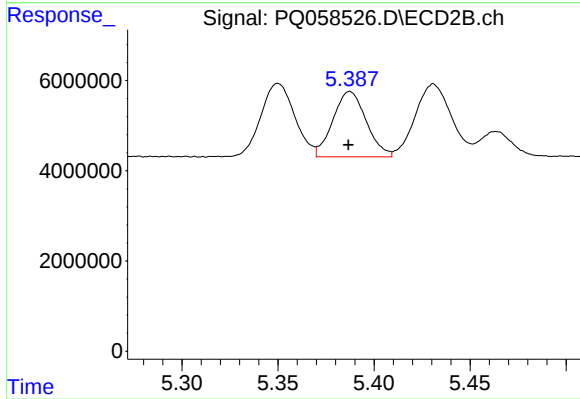
#21 AR-1248-1

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 28404942
Conc: 245.39 ng/ml



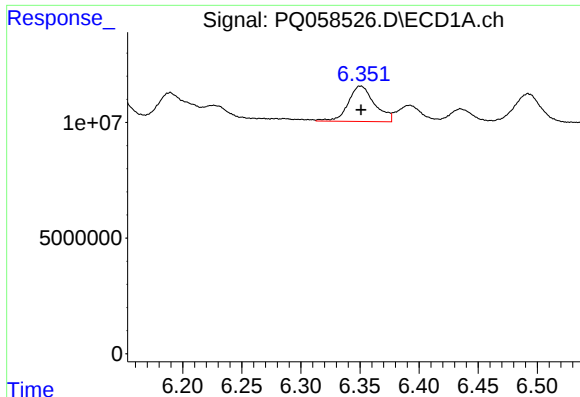
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 21201418
Conc: 125.93 ng/ml



#22 AR-1248-2

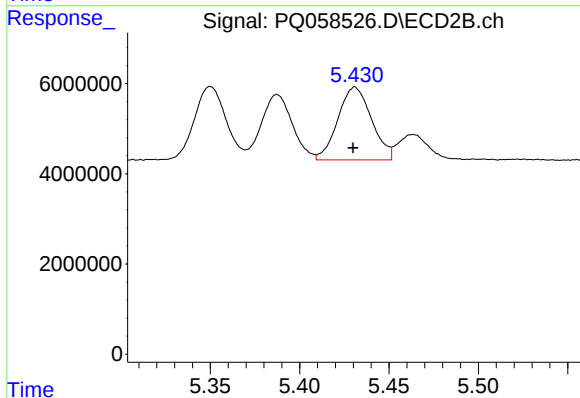
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 17446652
Conc: 104.62 ng/ml



#23 AR-1248-3

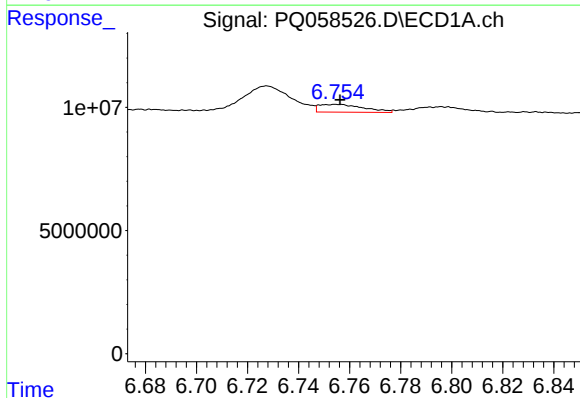
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 23868247
Conc: 118.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



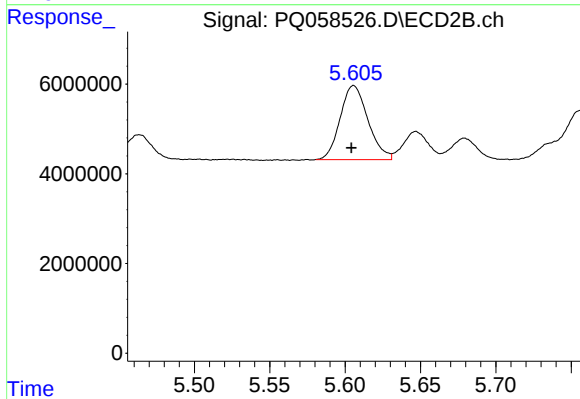
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 21218091
Conc: 122.82 ng/ml



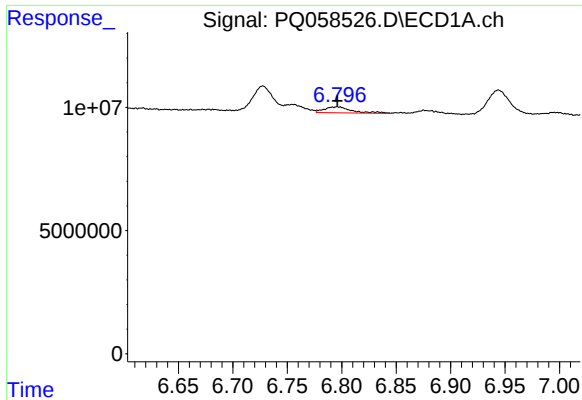
#24 AR-1248-4

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 3837945
Conc: 19.37 ng/ml



#24 AR-1248-4

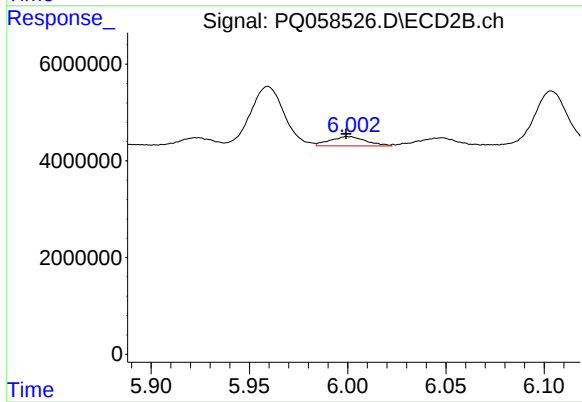
R.T.: 5.606 min
Delta R.T.: 0.001 min
Response: 21176429
Conc: 106.77 ng/ml



#25 AR-1248-5

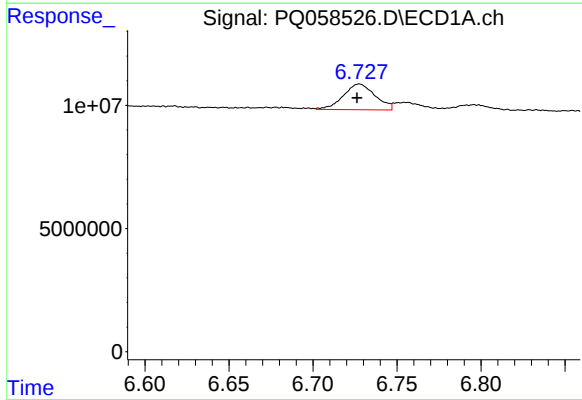
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 4267290
Conc: 20.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



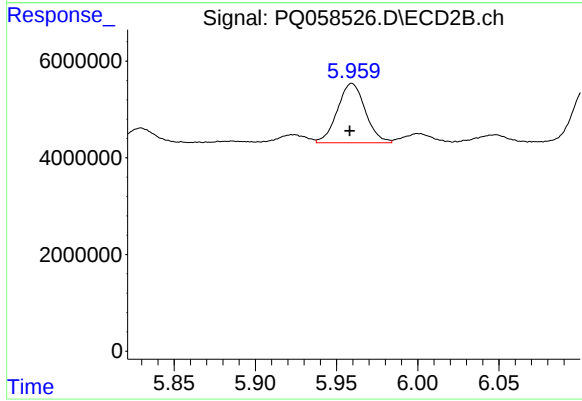
#25 AR-1248-5

R.T.: 6.000 min
Delta R.T.: 0.001 min
Response: 2444704
Conc: 13.77 ng/ml



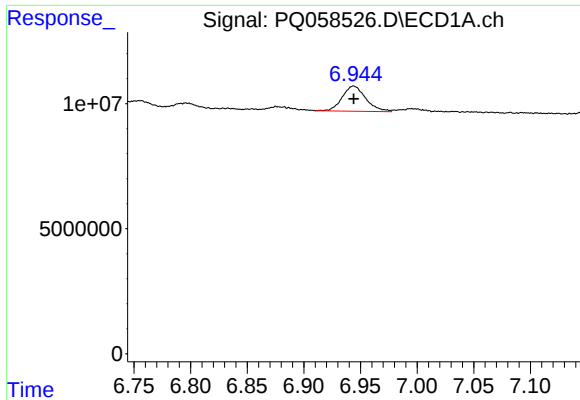
#26 AR-1254-1

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 13775759
Conc: 66.16 ng/ml



#26 AR-1254-1

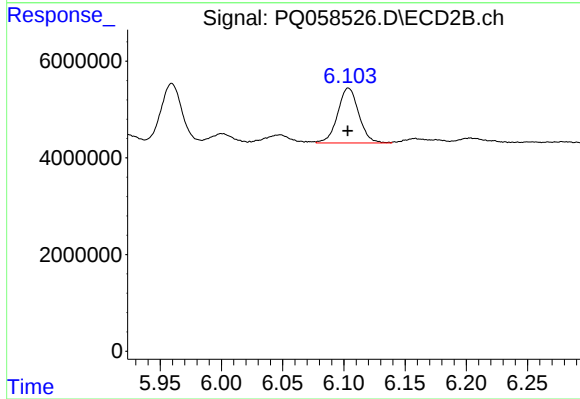
R.T.: 5.959 min
Delta R.T.: 0.001 min
Response: 14717949
Conc: 48.68 ng/ml



#27 AR-1254-2

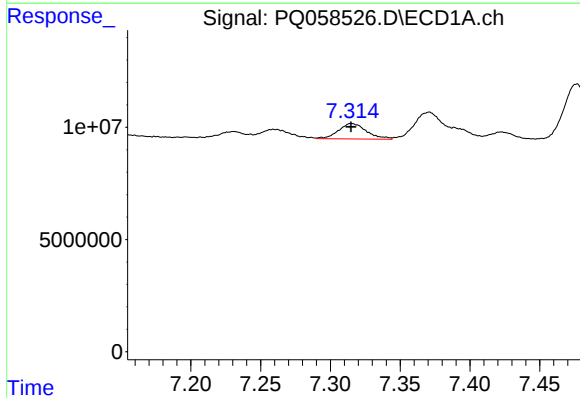
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 14545190
Conc: 46.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



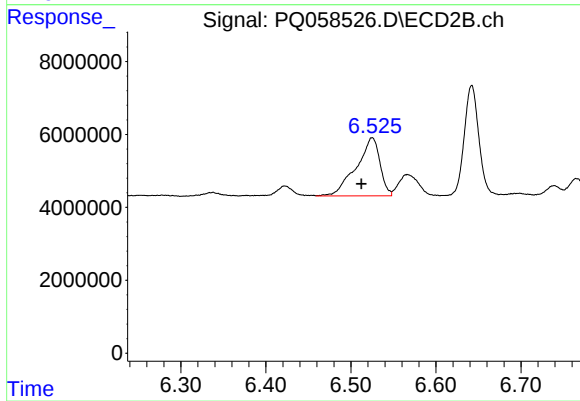
#27 AR-1254-2

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 13622656
Conc: 52.41 ng/ml



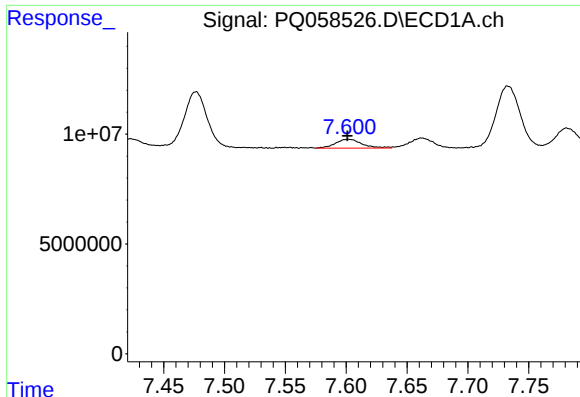
#28 AR-1254-3

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 9545577
Conc: 26.63 ng/ml



#28 AR-1254-3

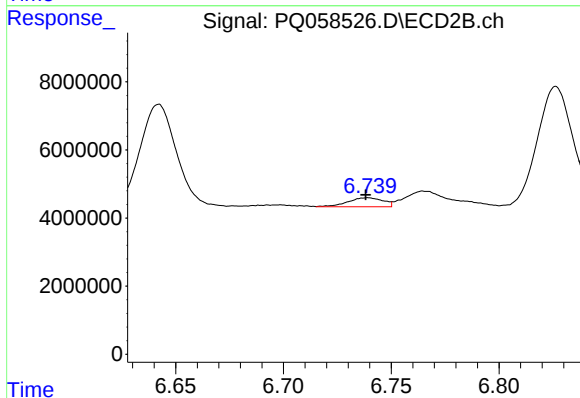
R.T.: 6.525 min
Delta R.T.: 0.013 min
Response: 30845568
Conc: 77.01 ng/ml



#29 AR-1254-4

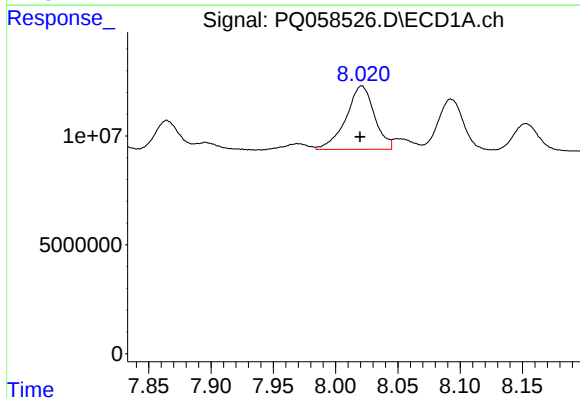
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 6082011
Conc: 28.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



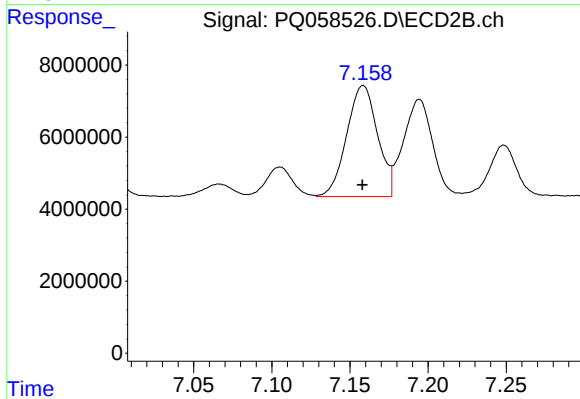
#29 AR-1254-4

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 2982600
Conc: 11.65 ng/ml



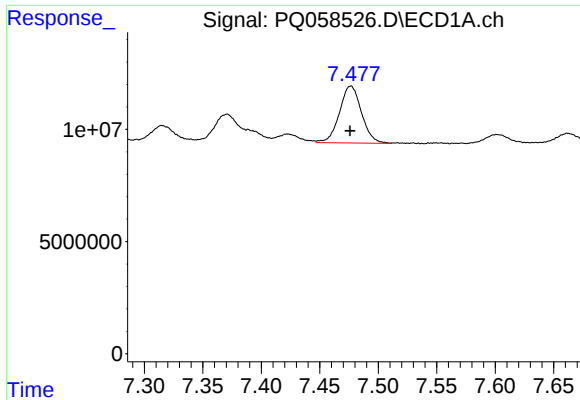
#30 AR-1254-5

R.T.: 8.021 min
Delta R.T.: 0.001 min
Response: 46348917
Conc: 178.07 ng/ml



#30 AR-1254-5

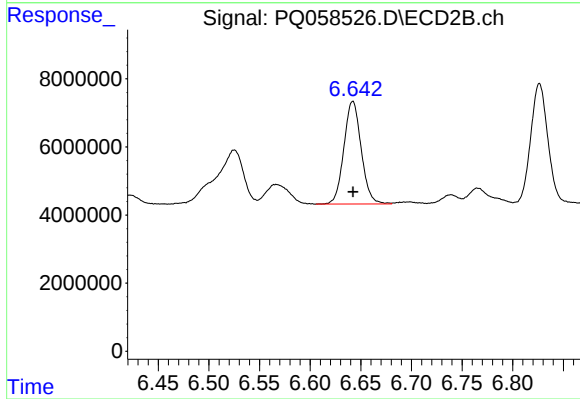
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 42492546
Conc: 139.30 ng/ml



#31 AR-1260-1

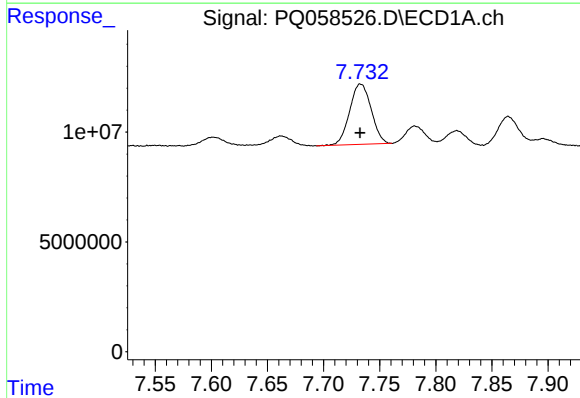
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 33275395
Conc: 188.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



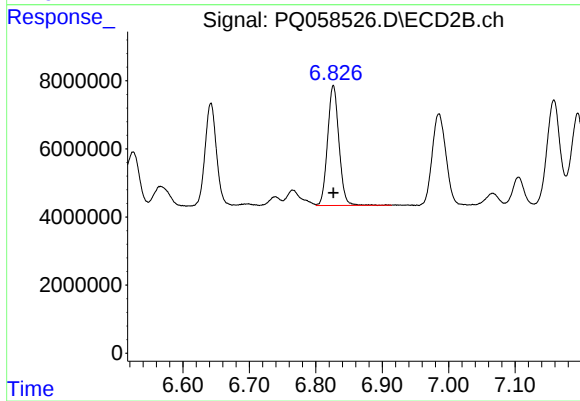
#31 AR-1260-1

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 35967389
Conc: 179.68 ng/ml



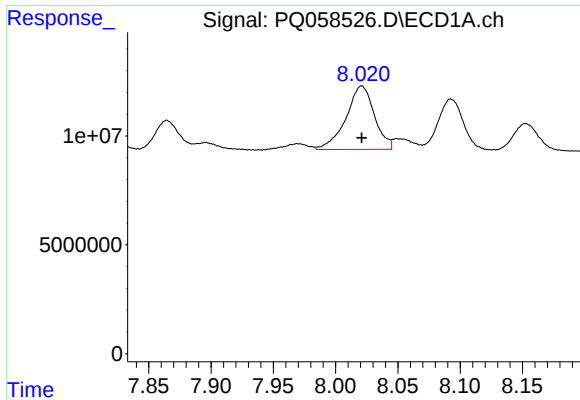
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 36712017
Conc: 175.30 ng/ml



#32 AR-1260-2

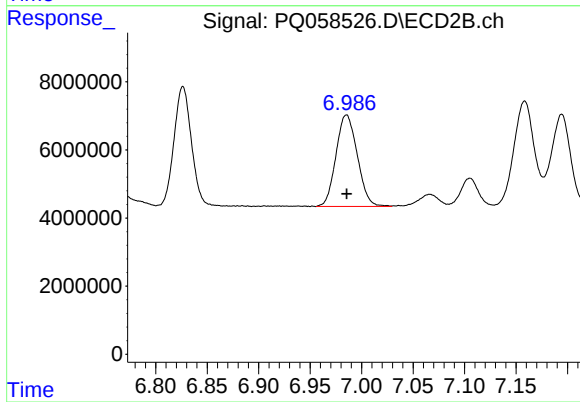
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 41844216
Conc: 179.79 ng/ml



#33 AR-1260-3

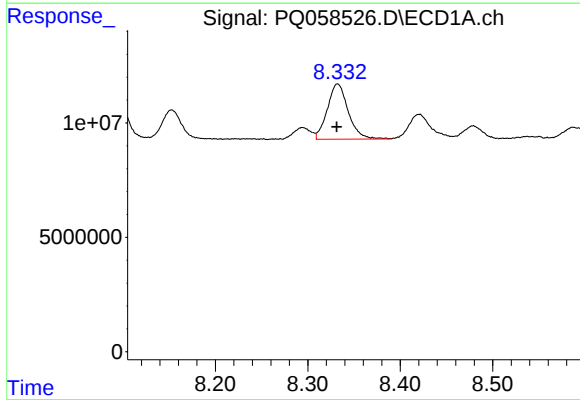
R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 46348917
Conc: 175.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



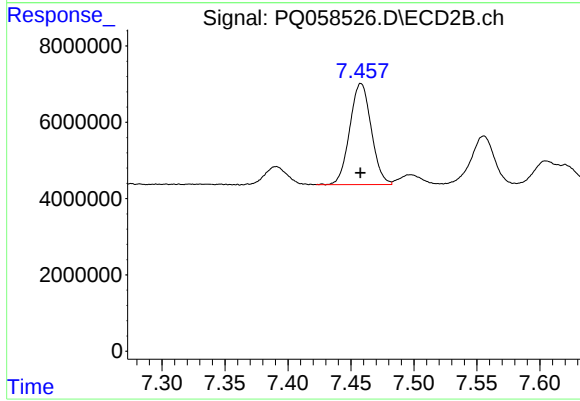
#33 AR-1260-3

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 38800203
Conc: 181.36 ng/ml



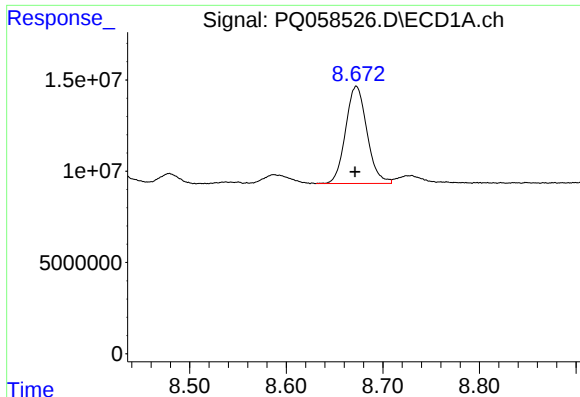
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 37898813
Conc: 186.30 ng/ml



#34 AR-1260-4

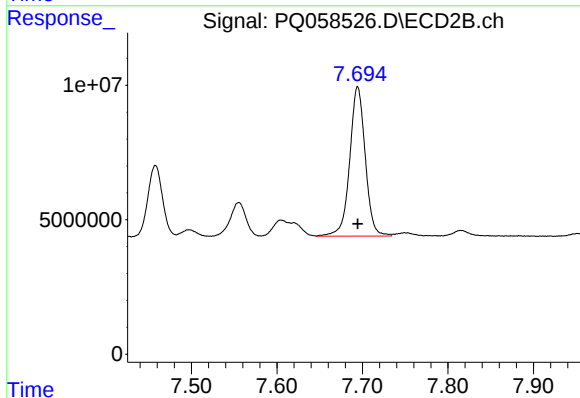
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 31496928
Conc: 178.21 ng/ml



#35 AR-1260-5

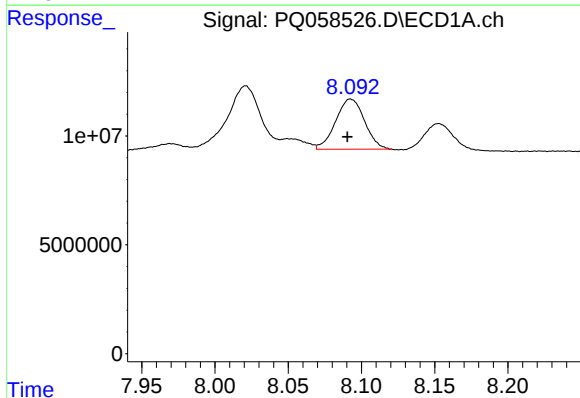
R.T.: 8.673 min
Delta R.T.: 0.001 min
Response: 81859221
Conc: 185.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



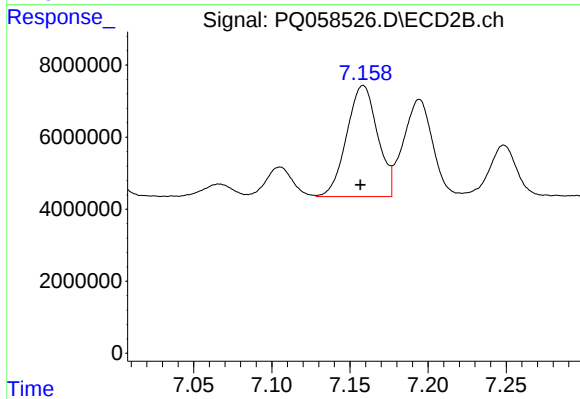
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 70226642
Conc: 176.55 ng/ml



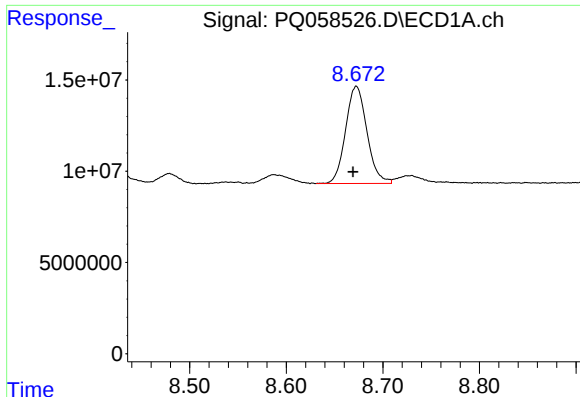
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 31702275
Conc: 97.23 ng/ml



#36 AR-1262-1

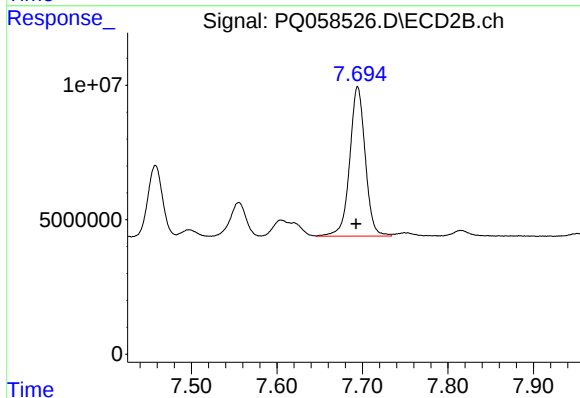
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 42492546
Conc: 263.52 ng/ml



#37 AR-1262-2

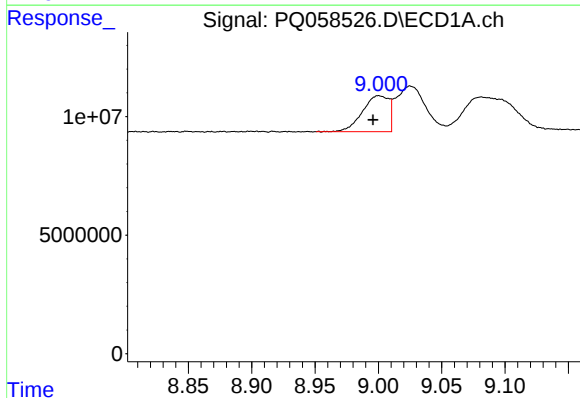
R.T.: 8.673 min
Delta R.T.: 0.003 min
Response: 81859221
Conc: 127.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



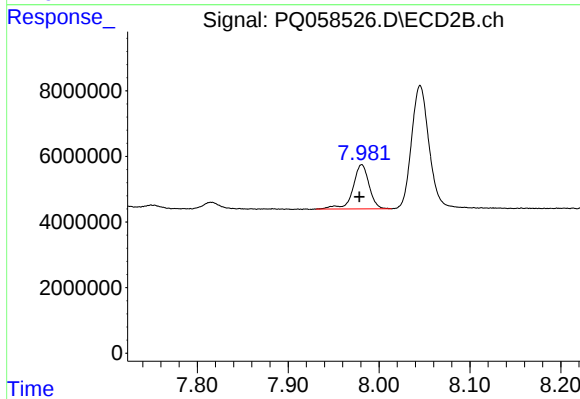
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 70226642
Conc: 125.69 ng/ml



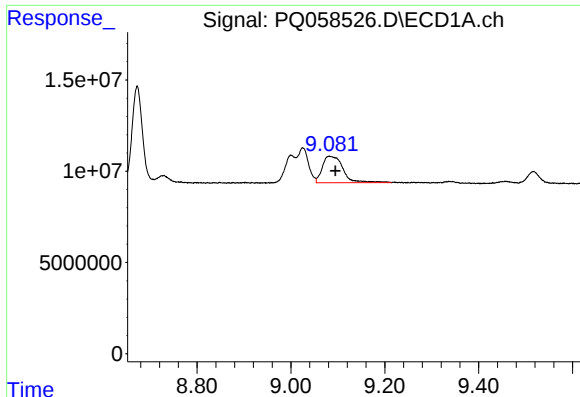
#38 AR-1262-3

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 21979676
Conc: 62.86 ng/ml



#38 AR-1262-3

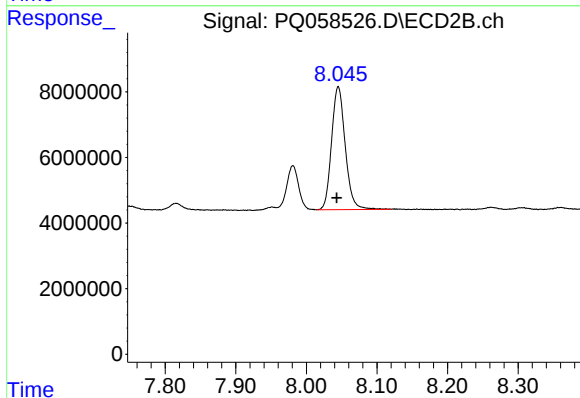
R.T.: 7.981 min
Delta R.T.: 0.002 min
Response: 16636348
Conc: 76.37 ng/ml



#39 AR-1262-4

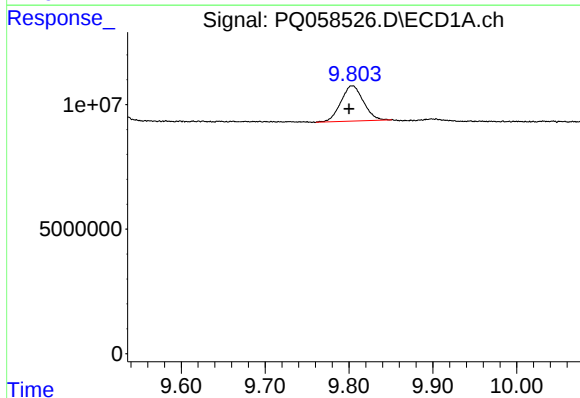
R.T.: 9.081 min
Delta R.T.: -0.013 min
Response: 44208494
Conc: 141.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



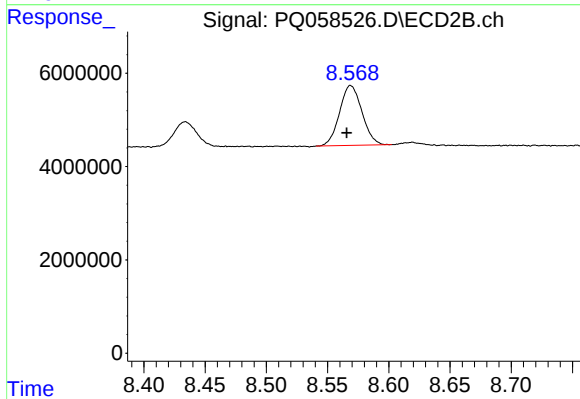
#39 AR-1262-4

R.T.: 8.045 min
Delta R.T.: 0.002 min
Response: 50396388
Conc: 126.31 ng/ml



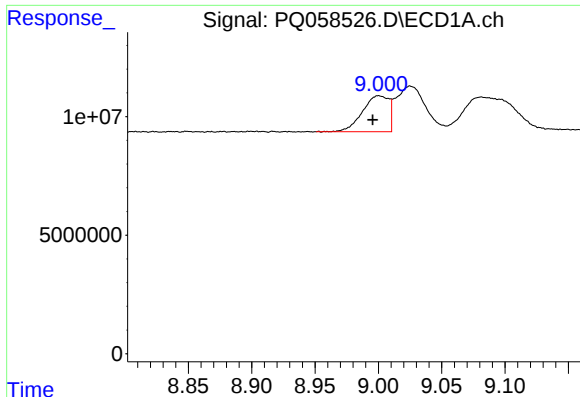
#40 AR-1262-5

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 26464815
Conc: 104.38 ng/ml



#40 AR-1262-5

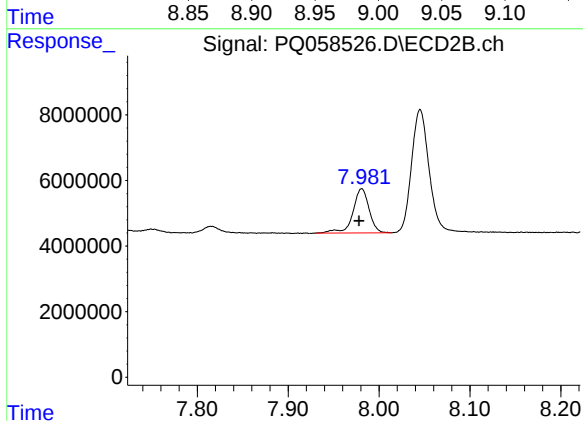
R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 16357071
Conc: 103.14 ng/ml



#41 AR-1268-1

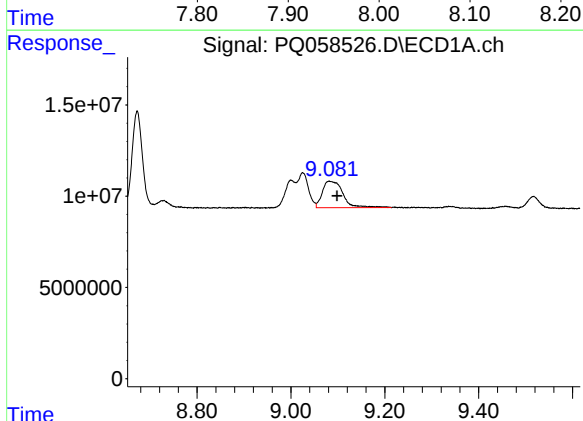
R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 21979676
Conc: 21.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



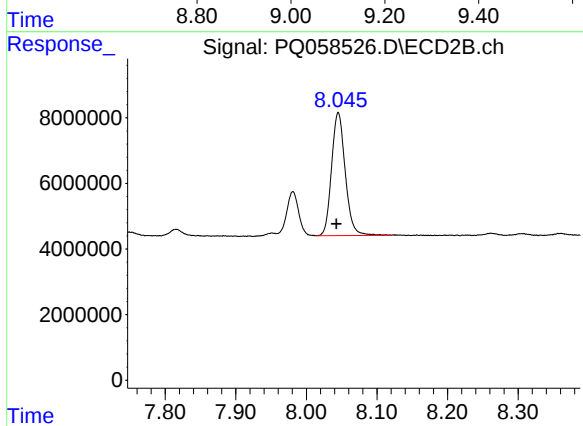
#41 AR-1268-1

R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 16636348
Conc: 21.41 ng/ml



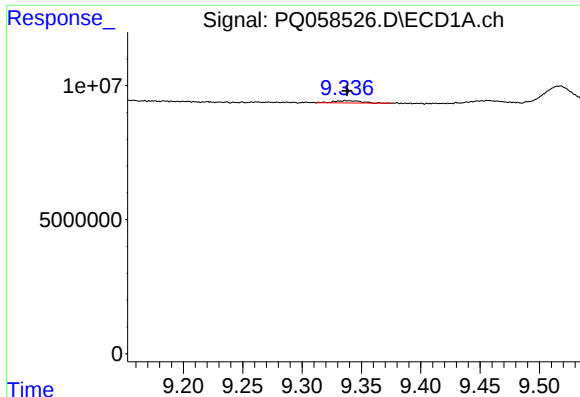
#42 AR-1268-2

R.T.: 9.081 min
Delta R.T.: -0.017 min
Response: 44208494
Conc: 40.70 ng/ml



#42 AR-1268-2

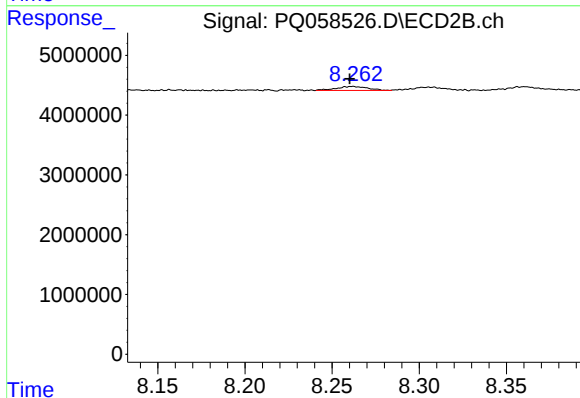
R.T.: 8.045 min
Delta R.T.: 0.003 min
Response: 50396388
Conc: 71.35 ng/ml



#43 AR-1268-3

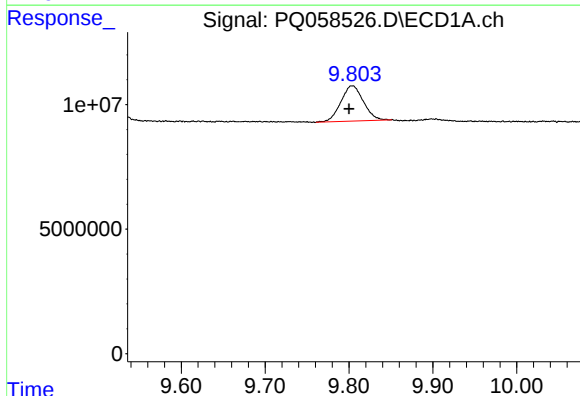
R.T.: 9.331 min
Delta R.T.: -0.007 min
Response: 1378562
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



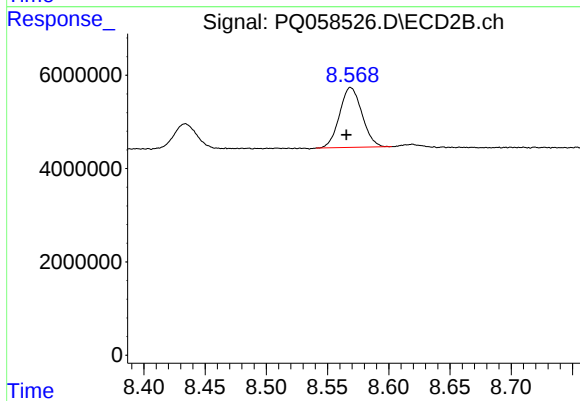
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: 0.002 min
Response: 845216
Conc: 1.38 ng/ml



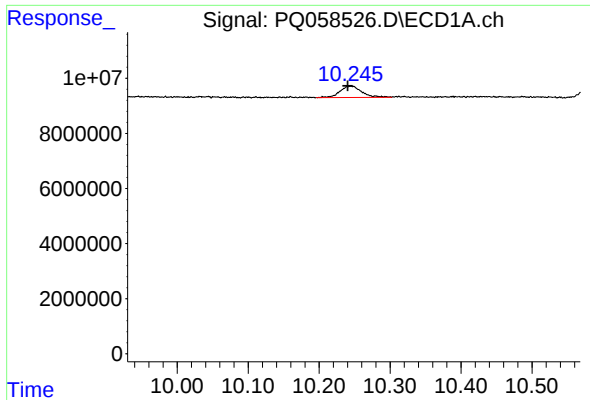
#44 AR-1268-4

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 26464815
Conc: 79.77 ng/ml



#44 AR-1268-4

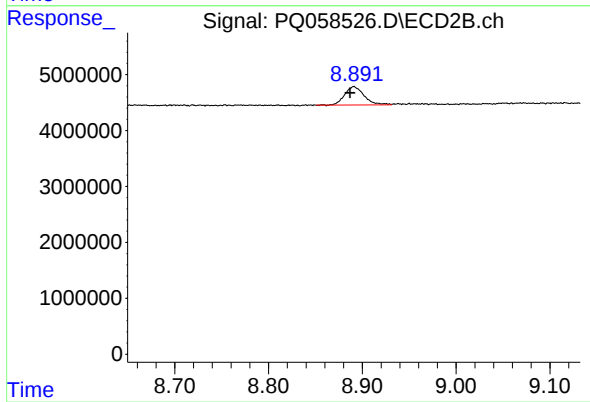
R.T.: 8.569 min
Delta R.T.: 0.003 min
Response: 16357071
Conc: 76.84 ng/ml



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: 0.005 min
Response: 8853923
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.891 min
Delta R.T.: 0.004 min
Response: 4753433
Conc: 2.58 ng/ml