

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 20:13
 Operator : YP\AJ
 Sample : AR1232ICC800
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:07:18 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	4.050	341.2E6	277.0E6	48.499	49.542
2)	SA Decachlor...	10.604	9.175	489.2E6	288.0E6	87.457	86.980
Target Compounds							
3)	L1 AR-1016-1	5.873	5.149	60121826	59607083	397.684	381.844
4)	L1 AR-1016-2	5.895	5.169	105.8E6	88357474	406.349	393.851
5)	L1 AR-1016-3	5.958	5.349	71919543	43150800	445.386	390.530
6)	L1 AR-1016-4	6.059	5.386	57360988	32727451	426.033	343.884
7)	L1 AR-1016-5	6.352	5.605	46171915	43711887	393.555	374.131
8)	L2 AR-1221-1	4.902	4.264	43273131	33505370	552.893	564.413
9)	L2 AR-1221-2	4.991	4.352	33965479	26268609	619.349	641.187
10)	L2 AR-1221-3	5.069	4.429	115.0E6	100.1E6	657.176	693.402
11)	L3 AR-1232-1	5.069	4.429	115.0E6	100.1E6	726.183	759.495
12)	L3 AR-1232-2	5.603	5.169	51275092	88357474	668.735	754.117
13)	L3 AR-1232-3	5.895	5.349	105.8E6	43150800	752.622	786.509
14)	L3 AR-1232-4	6.059	5.430	57360988	40243461	809.202	765.105
15)	L3 AR-1232-5	6.144	5.605	37399271	43711887	826.716	766.975
16)	L4 AR-1242-1	5.873	5.149	60121826	59607083	436.101	429.977
17)	L4 AR-1242-2	5.895	5.169	105.8E6	88357474	440.046	441.853
18)	L4 AR-1242-3	5.958	5.349	71919543	43150800	452.799	436.818
19)	L4 AR-1242-4	6.059	5.430	57360988	40243461	436.079	395.951
20)	L4 AR-1242-5	6.796	5.956	47651329	48786203	418.097	417.956
21)	L5 AR-1248-1	5.873	5.149	60121826	59607083	511.553	514.953
22)	L5 AR-1248-2	6.144	5.386	37399271	32727451	222.145	196.259
23)	L5 AR-1248-3	6.352	5.430	46171915	40243461	228.414	232.938
24)	L5 AR-1248-4	6.757	5.605	41066362	43711887	207.252	220.395
25)	L5 AR-1248-5	6.796	5.999	47651329	41313747	225.361	232.786
26)	L6 AR-1254-1	6.729	5.956	29670608	48786203	142.493	161.354
27)	L6 AR-1254-2	6.956	6.103	37573736	12806935	120.717	49.267 #
28)	L6 AR-1254-3	7.317	6.512	15718373	16253632	43.847	40.582
29)	L6 AR-1254-4	7.604	6.738	9747126	11135520	44.909	43.481
30)	L6 AR-1254-5	8.023	7.160	2896312	3808239	11.127	12.484
31)	L7 AR-1260-1	7.475	6.632	2833755	5681494	16.092	28.383 #
32)	L7 AR-1260-2	7.732	6.826	4436435	3678086	21.184	15.804 #
33)	L7 AR-1260-3	8.023	6.987	2896312	2207554	10.952	10.319
34)	L7 AR-1260-4	8.330	7.457	2421883	4776719	11.905	27.027 #
35)	L7 AR-1260-5	8.673	7.694	2327206	1607658	5.280	4.042
36)	L8 AR-1262-1	8.087	7.160	634542	3808239	1.946	23.617 #
37)	L8 AR-1262-2	8.673	7.694	2327206	1607658	3.637	2.877
38)	L8 AR-1262-3	8.998	7.976	969023	542299	2.771	2.490
39)	L8 AR-1262-4	9.102	8.046	671836	1154584	2.149	2.894 #
40)	L8 AR-1262-5	9.809	8.526f	806578	1115318	3.181	7.032 #
41)	L9 AR-1268-1	8.998	7.976	969023	542299	0.934	0.698 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2022 20:13
 Operator : YP\AJ
 Sample : AR1232ICC800
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

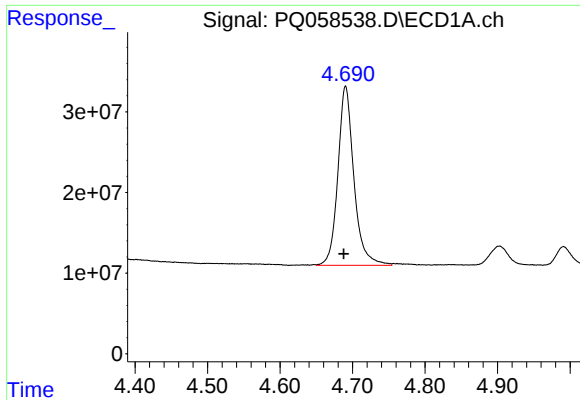
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:07:18 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	9.102	8.046	671836	1154584	0.619	1.635 #
43) L9	AR-1268-3	9.340	8.259	1809893	880426	1.834	1.436
44) L9	AR-1268-4	9.809	8.526f	806578	1115318	2.431	5.239 #
45) L9	AR-1268-5	10.244	8.889	3748240	1871033	1.244	1.017

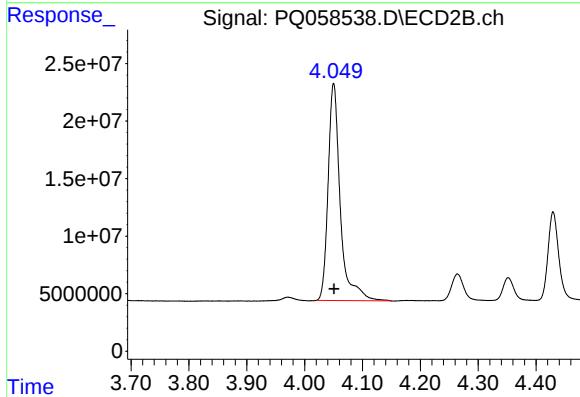
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

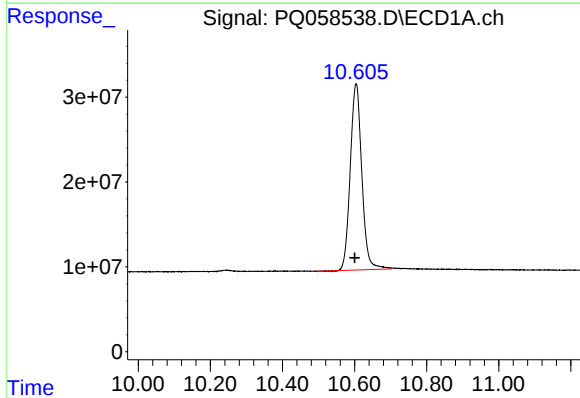
R.T.: 4.690 min
Delta R.T.: 0.002 min
Response: 341242301
Conc: 48.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



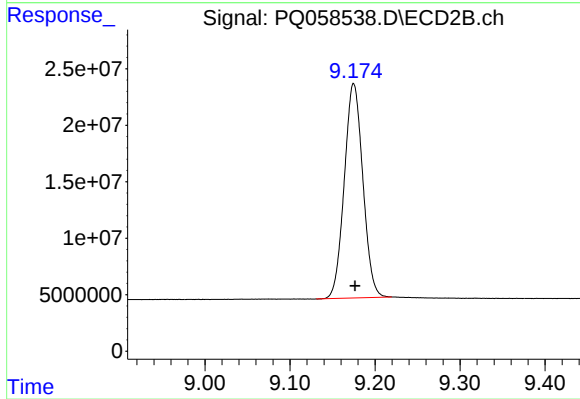
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 276956507
Conc: 49.54 ng/ml



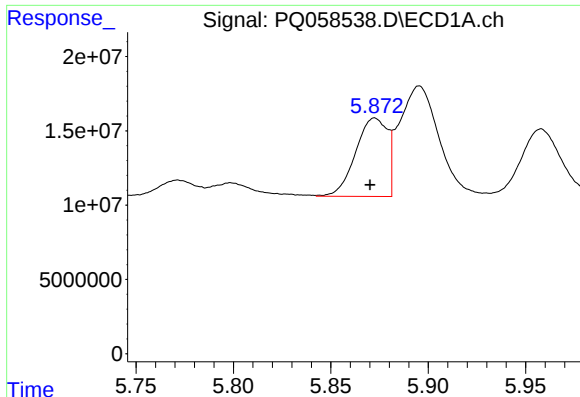
#2 Decachlorobiphenyl

R.T.: 10.604 min
Delta R.T.: 0.004 min
Response: 489248986
Conc: 87.46 ng/ml



#2 Decachlorobiphenyl

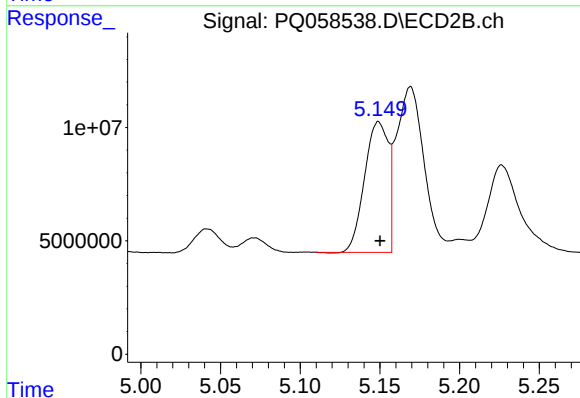
R.T.: 9.175 min
Delta R.T.: -0.002 min
Response: 288003777
Conc: 86.98 ng/ml



#3 AR-1016-1

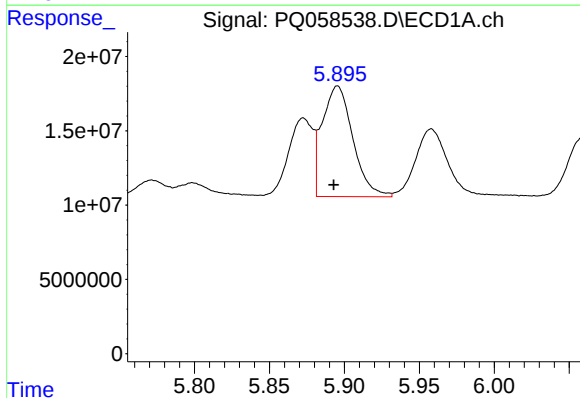
R.T.: 5.873 min
Delta R.T.: 0.002 min
Response: 60121826
Conc: 397.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



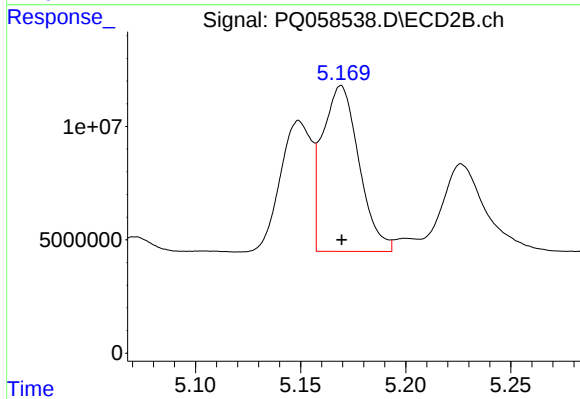
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 59607083
Conc: 381.84 ng/ml



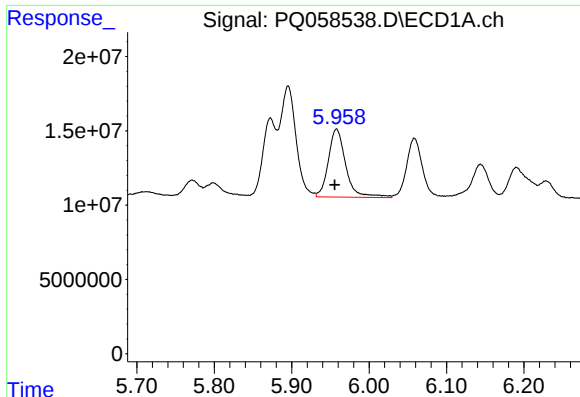
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 105780550
Conc: 406.35 ng/ml



#4 AR-1016-2

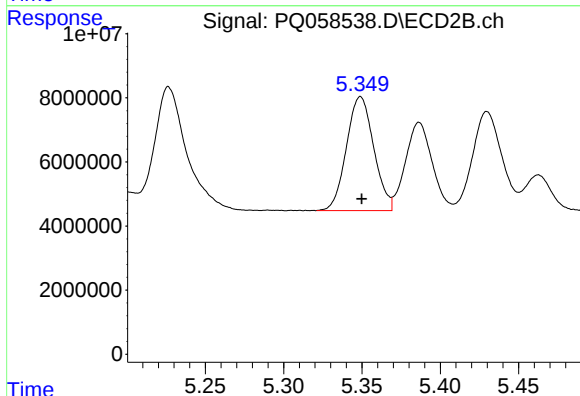
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88357474
Conc: 393.85 ng/ml



#5 AR-1016-3

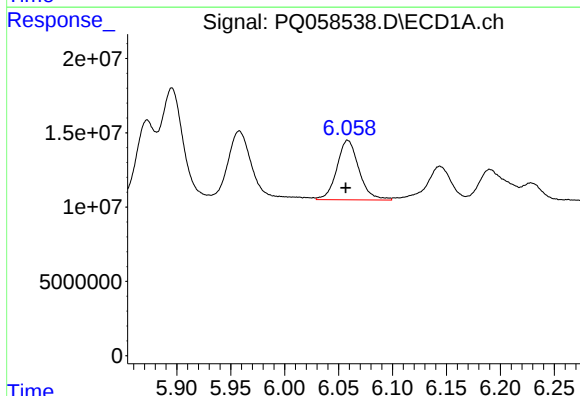
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 71919543
Conc: 445.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



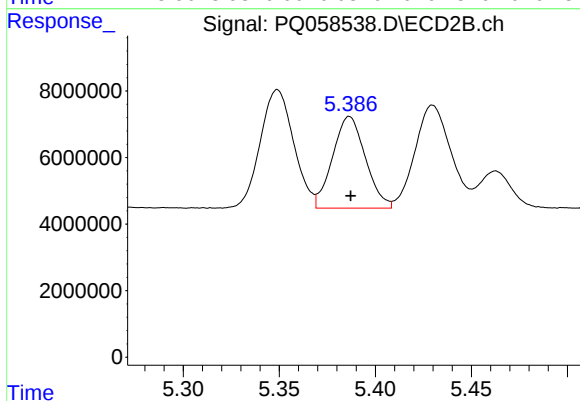
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 43150800
Conc: 390.53 ng/ml



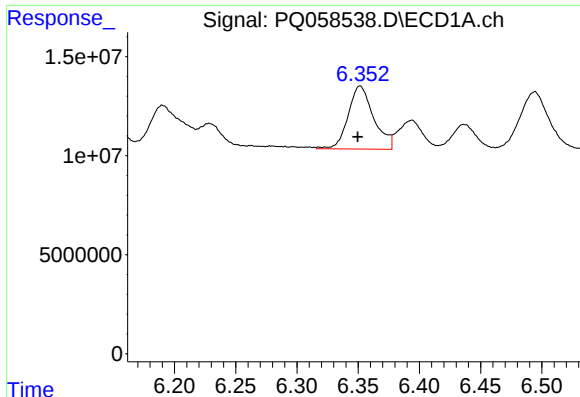
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 57360988
Conc: 426.03 ng/ml



#6 AR-1016-4

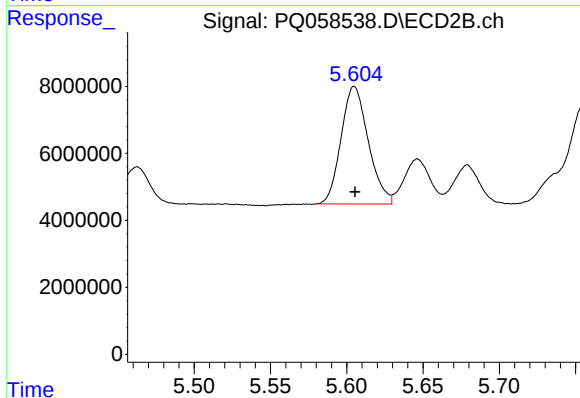
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 32727451
Conc: 343.88 ng/ml



#7 AR-1016-5

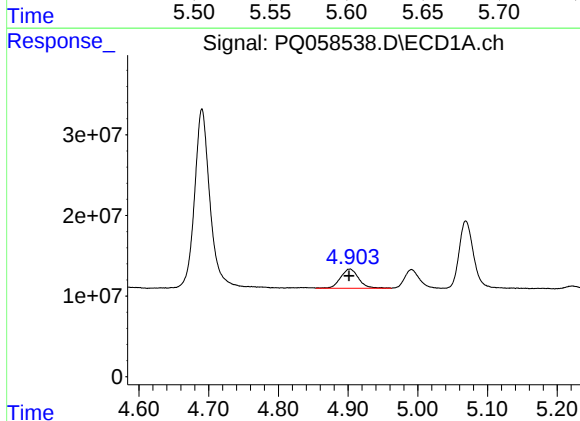
R.T.: 6.352 min
Delta R.T.: 0.002 min
Response: 46171915
Conc: 393.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



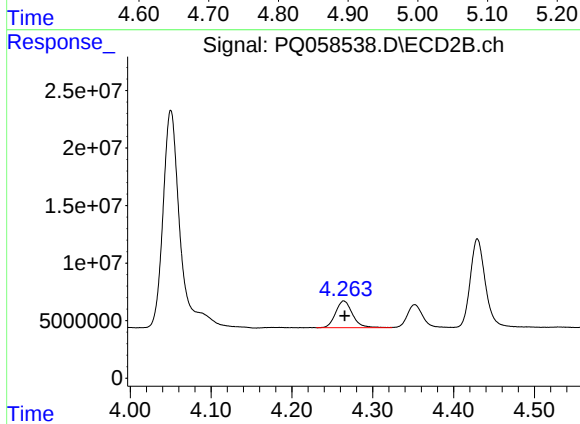
#7 AR-1016-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 43711887
Conc: 374.13 ng/ml



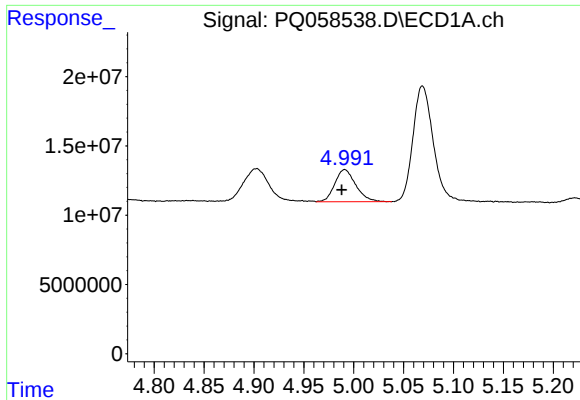
#8 AR-1221-1

R.T.: 4.902 min
Delta R.T.: 0.001 min
Response: 43273131
Conc: 552.89 ng/ml



#8 AR-1221-1

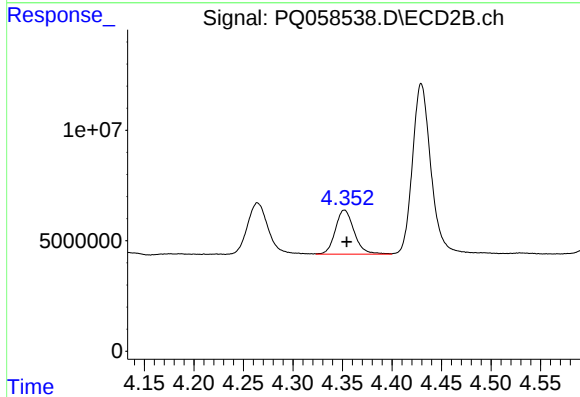
R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 33505370
Conc: 564.41 ng/ml



#9 AR-1221-2

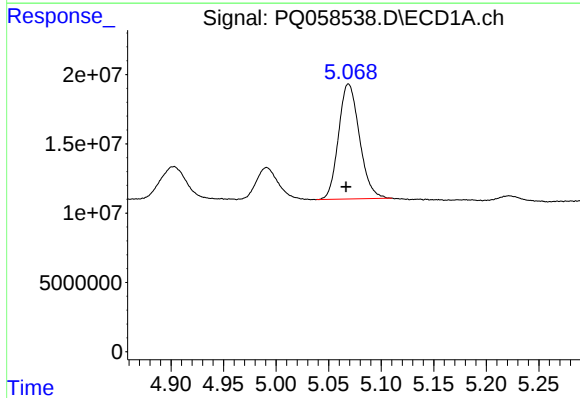
R.T.: 4.991 min
Delta R.T.: 0.003 min
Response: 33965479
Conc: 619.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



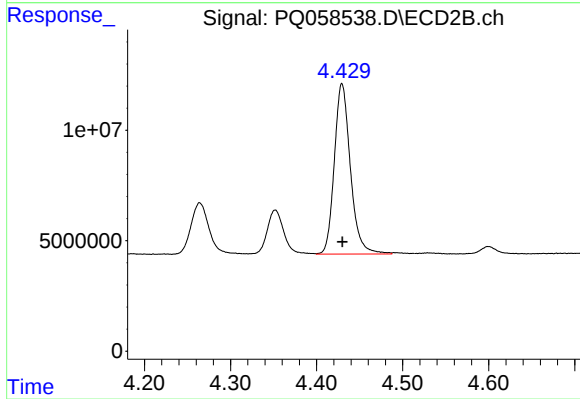
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 26268609
Conc: 641.19 ng/ml



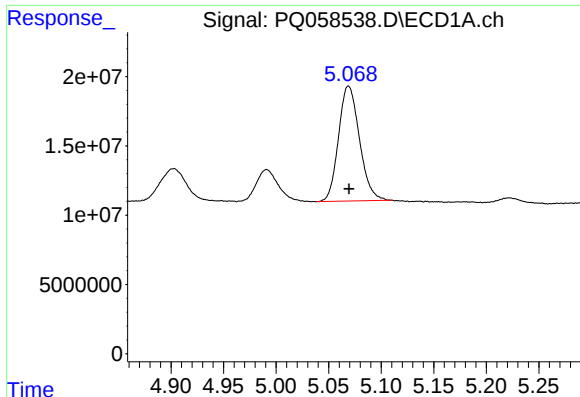
#10 AR-1221-3

R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 114973978
Conc: 657.18 ng/ml



#10 AR-1221-3

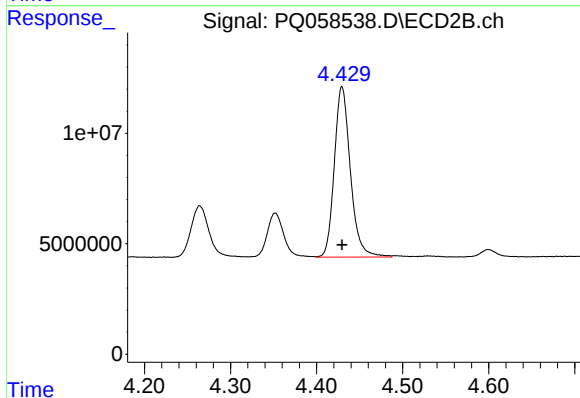
R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 100139646
Conc: 693.40 ng/ml



#11 AR-1232-1

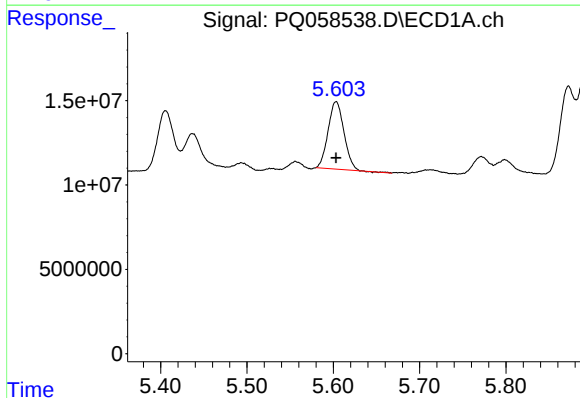
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 114973978
Conc: 726.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



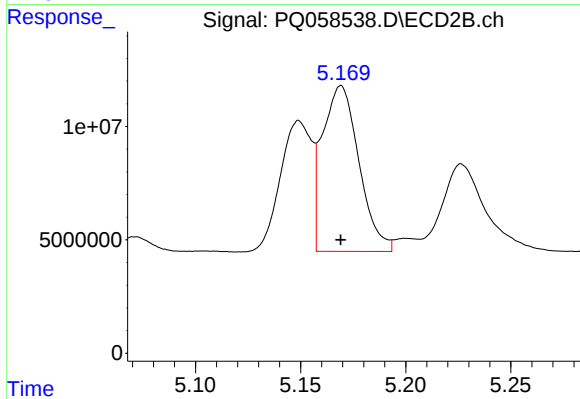
#11 AR-1232-1

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 100139646
Conc: 759.49 ng/ml



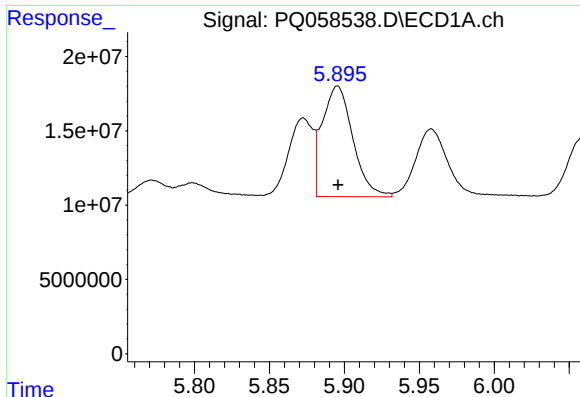
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 51275092
Conc: 668.73 ng/ml



#12 AR-1232-2

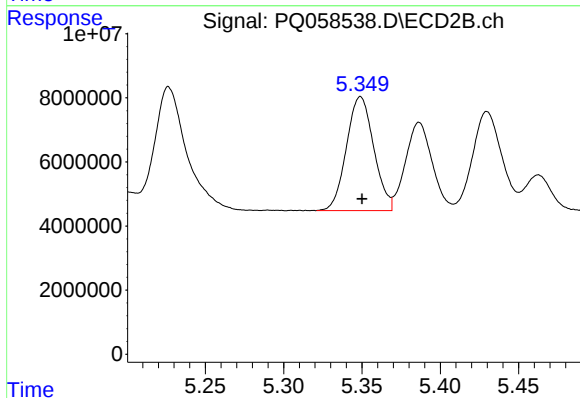
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88357474
Conc: 754.12 ng/ml



#13 AR-1232-3

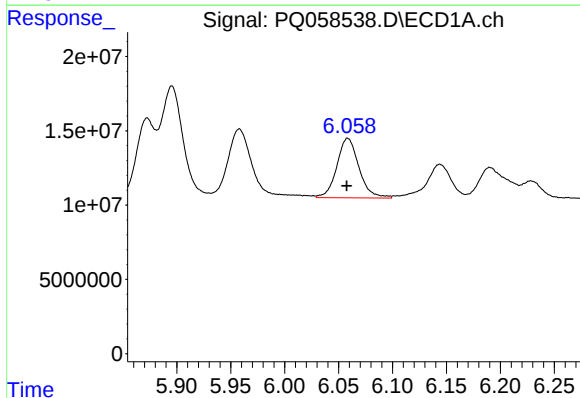
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 105780550
Conc: 752.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



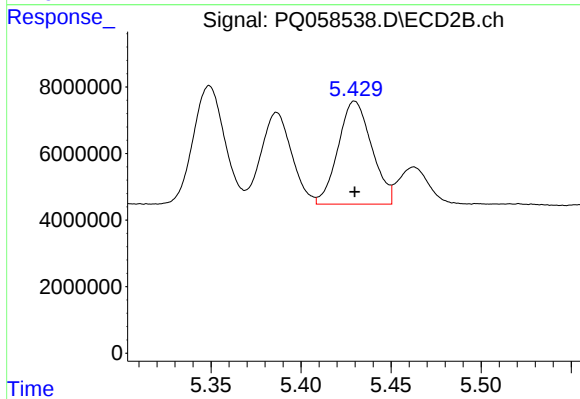
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 43150800
Conc: 786.51 ng/ml



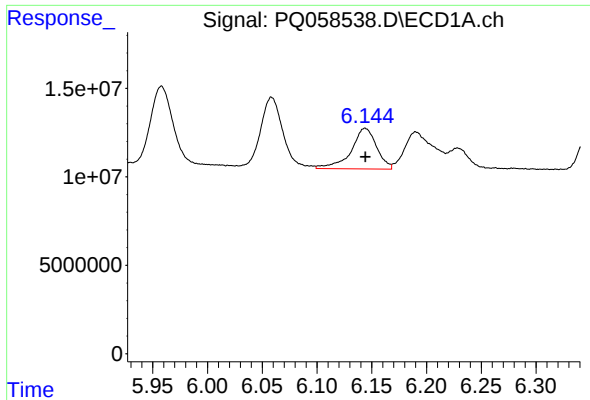
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 57360988
Conc: 809.20 ng/ml



#14 AR-1232-4

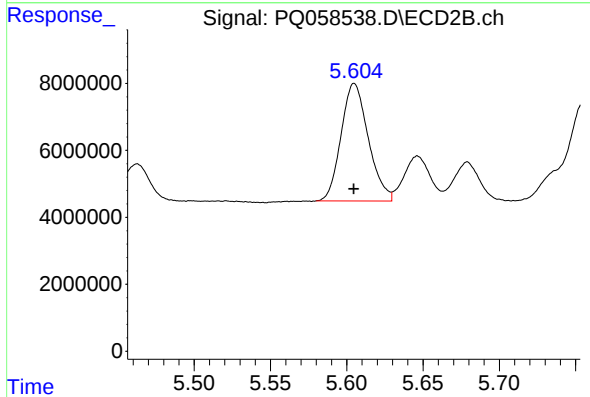
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 40243461
Conc: 765.10 ng/ml



#15 AR-1232-5

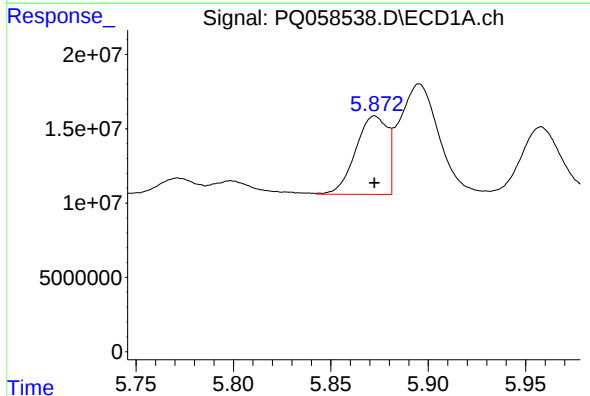
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 37399271
Conc: 826.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



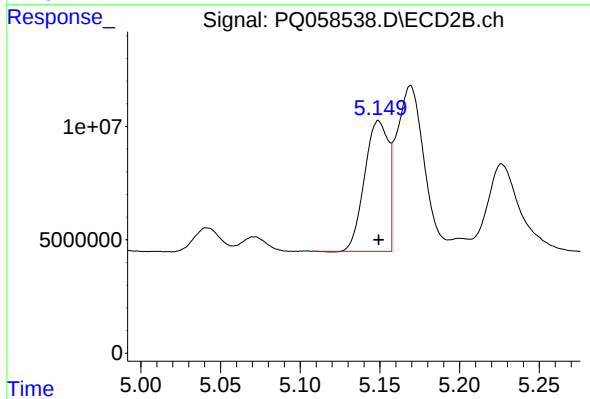
#15 AR-1232-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 43711887
Conc: 766.97 ng/ml



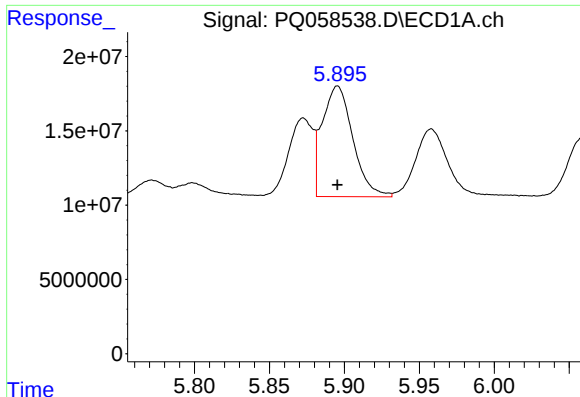
#16 AR-1242-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 60121826
Conc: 436.10 ng/ml



#16 AR-1242-1

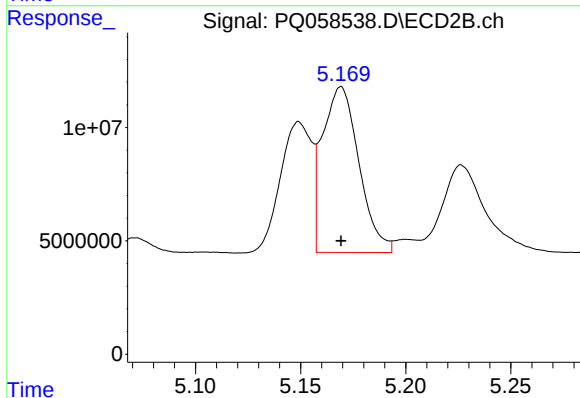
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 59607083
Conc: 429.98 ng/ml



#17 AR-1242-2

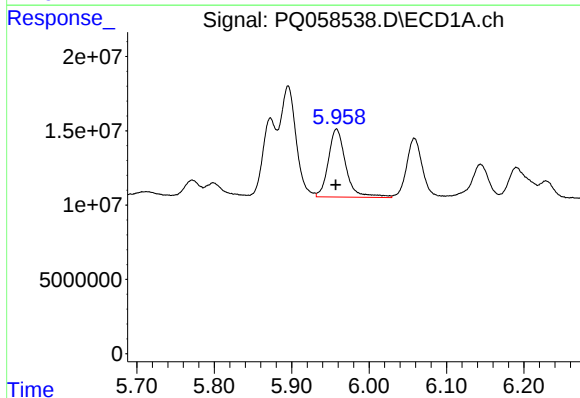
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 105780550
Conc: 440.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



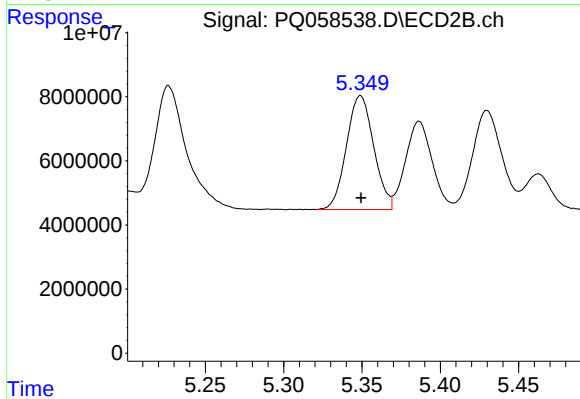
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88357474
Conc: 441.85 ng/ml



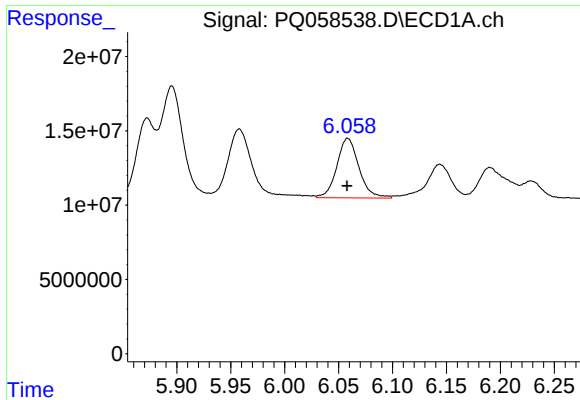
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 71919543
Conc: 452.80 ng/ml



#18 AR-1242-3

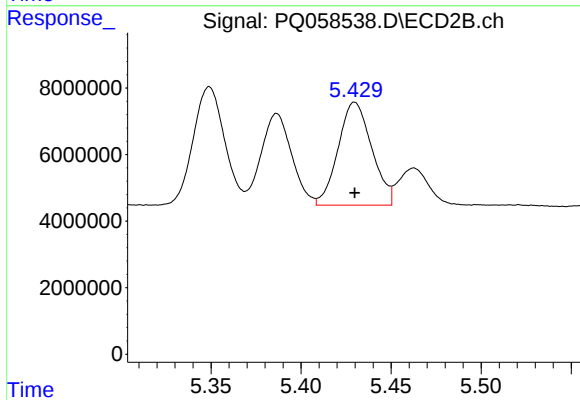
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 43150800
Conc: 436.82 ng/ml



#19 AR-1242-4

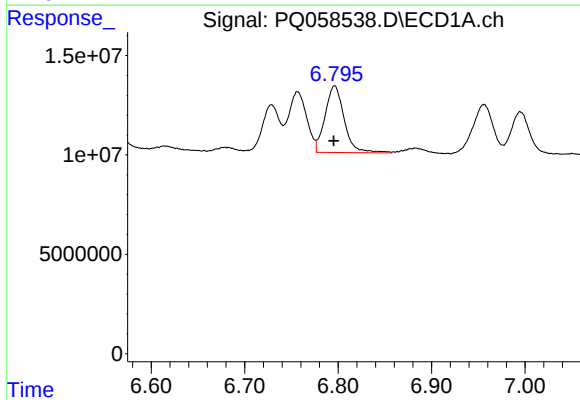
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 57360988
Conc: 436.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



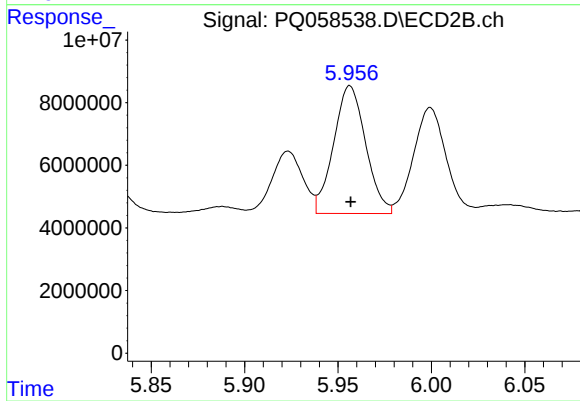
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 40243461
Conc: 395.95 ng/ml



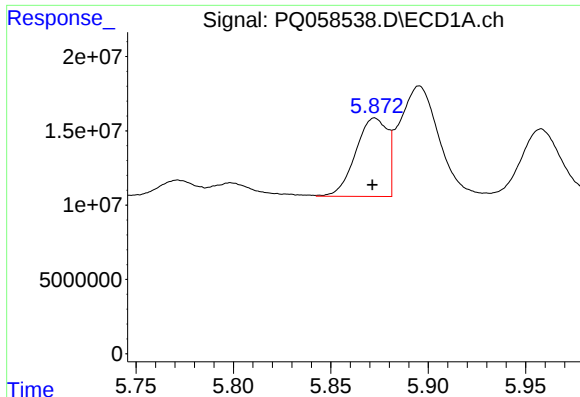
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 47651329
Conc: 418.10 ng/ml



#20 AR-1242-5

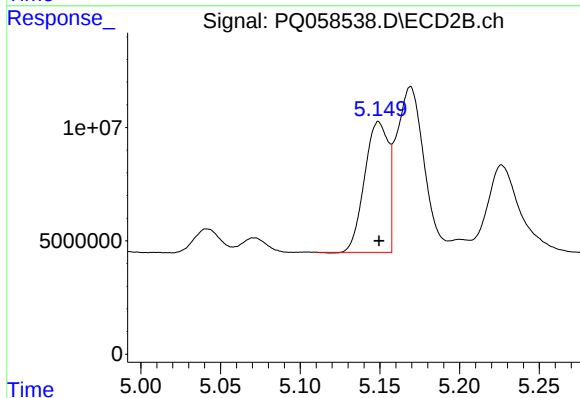
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 48786203
Conc: 417.96 ng/ml



#21 AR-1248-1

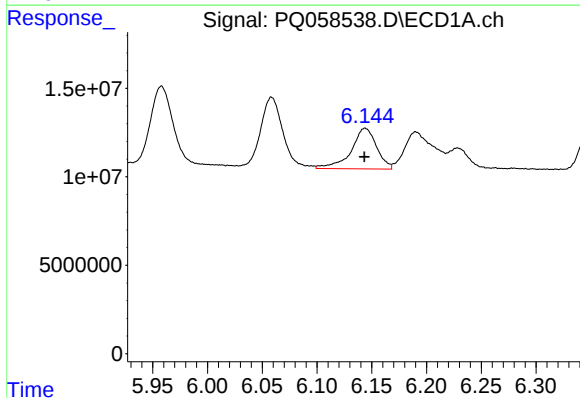
R.T.: 5.873 min
Delta R.T.: 0.001 min
Response: 60121826
Conc: 511.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



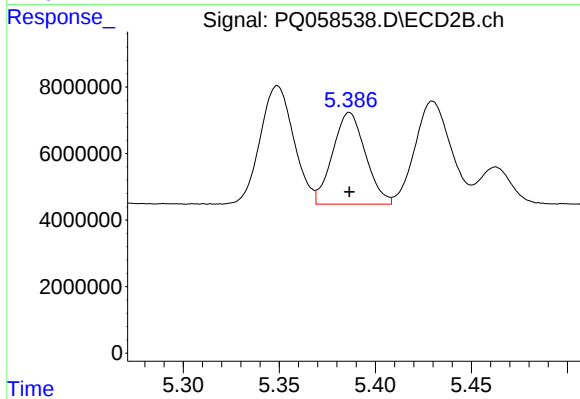
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 59607083
Conc: 514.95 ng/ml



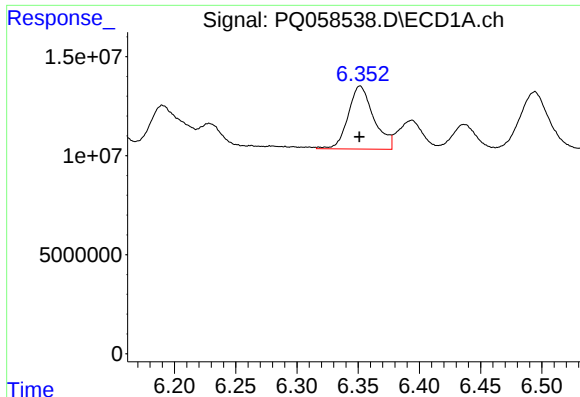
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 37399271
Conc: 222.14 ng/ml



#22 AR-1248-2

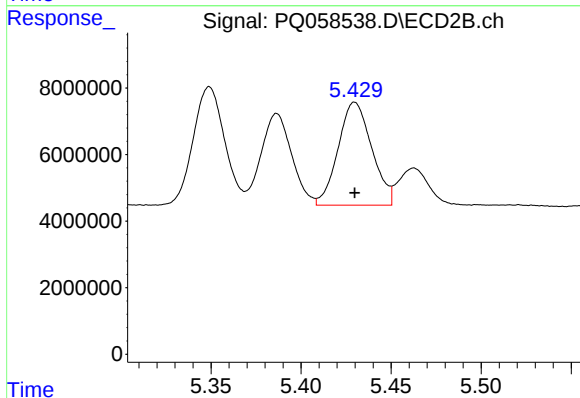
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 32727451
Conc: 196.26 ng/ml



#23 AR-1248-3

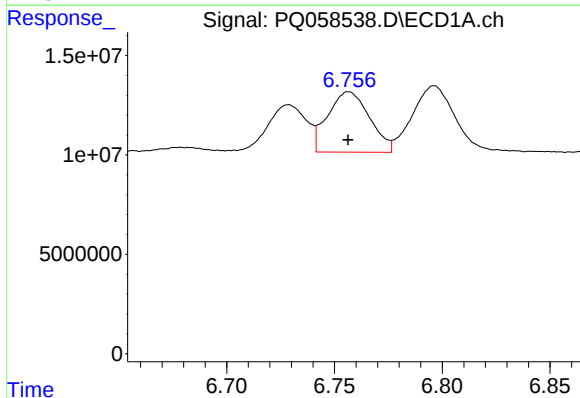
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 46171915
Conc: 228.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



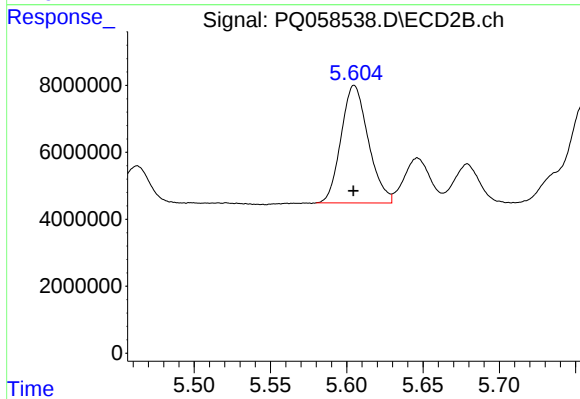
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 40243461
Conc: 232.94 ng/ml



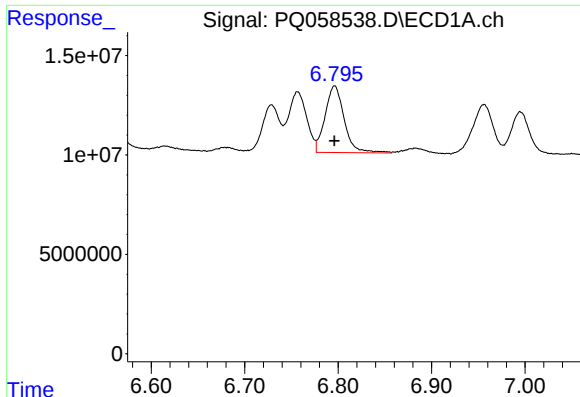
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 41066362
Conc: 207.25 ng/ml



#24 AR-1248-4

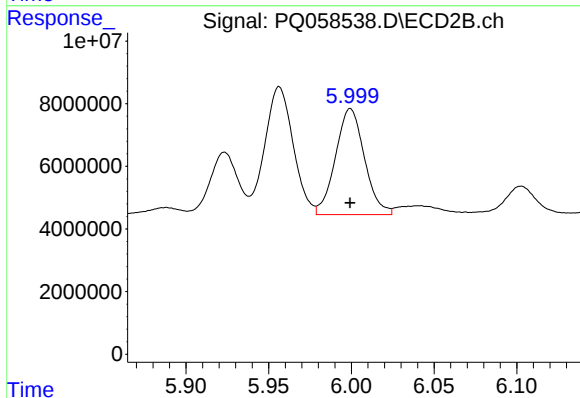
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 43711887
Conc: 220.40 ng/ml



#25 AR-1248-5

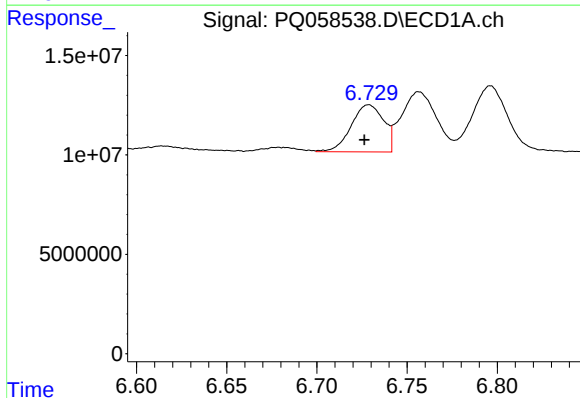
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 47651329
Conc: 225.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



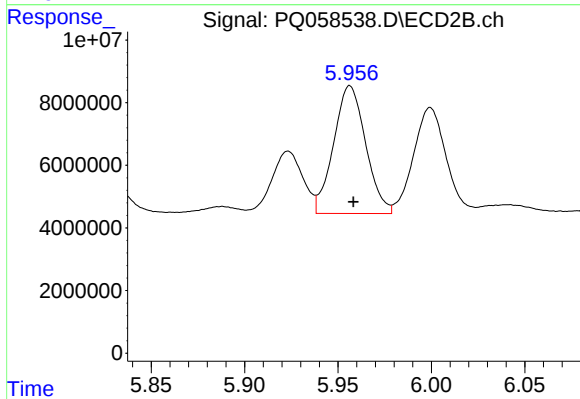
#25 AR-1248-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 41313747
Conc: 232.79 ng/ml



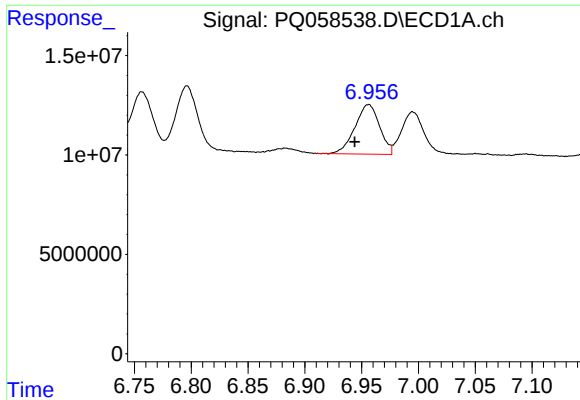
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 29670608
Conc: 142.49 ng/ml



#26 AR-1254-1

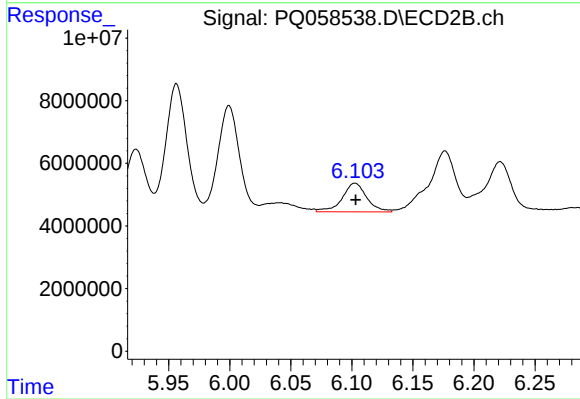
R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 48786203
Conc: 161.35 ng/ml



#27 AR-1254-2

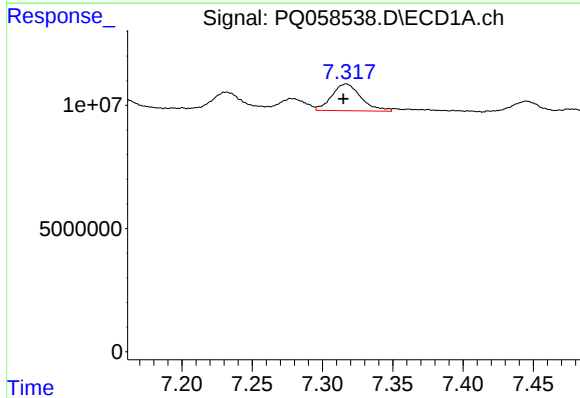
R.T.: 6.956 min
Delta R.T.: 0.012 min
Response: 37573736
Conc: 120.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



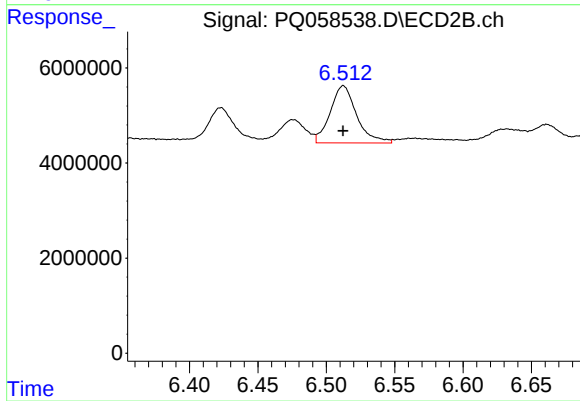
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 12806935
Conc: 49.27 ng/ml



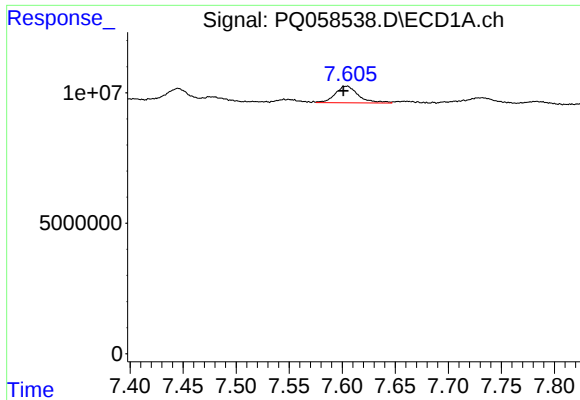
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.002 min
Response: 15718373
Conc: 43.85 ng/ml



#28 AR-1254-3

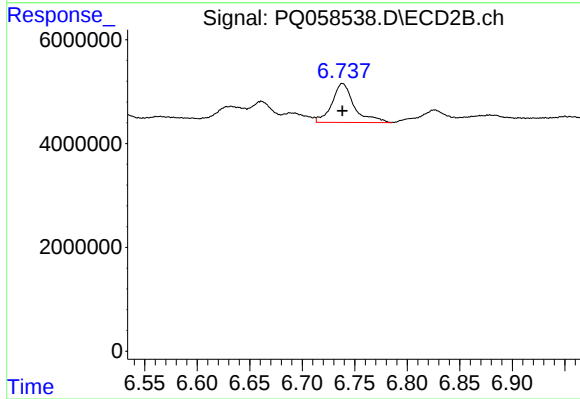
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 16253632
Conc: 40.58 ng/ml



#29 AR-1254-4

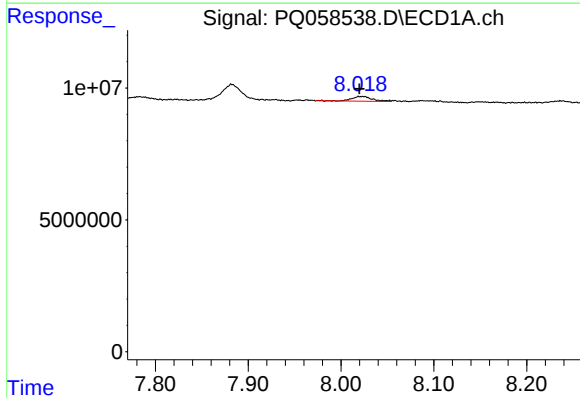
R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 9747126
Conc: 44.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



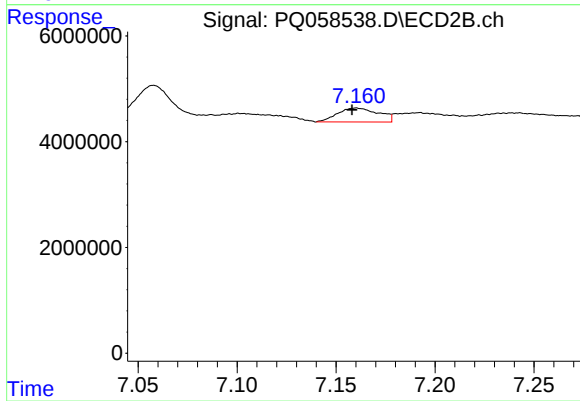
#29 AR-1254-4

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 11135520
Conc: 43.48 ng/ml



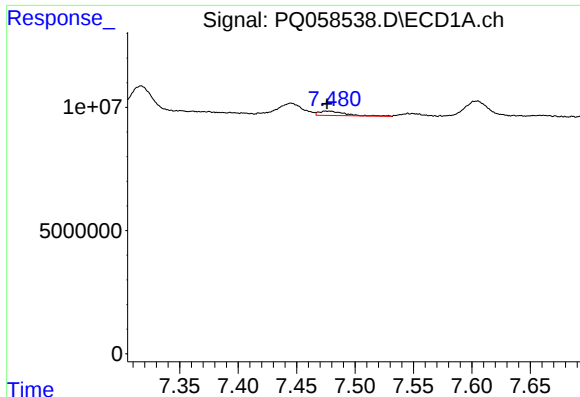
#30 AR-1254-5

R.T.: 8.023 min
Delta R.T.: 0.004 min
Response: 2896312
Conc: 11.13 ng/ml



#30 AR-1254-5

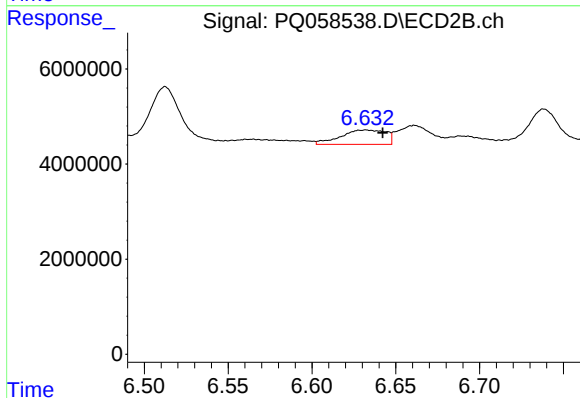
R.T.: 7.160 min
Delta R.T.: 0.002 min
Response: 3808239
Conc: 12.48 ng/ml



#31 AR-1260-1

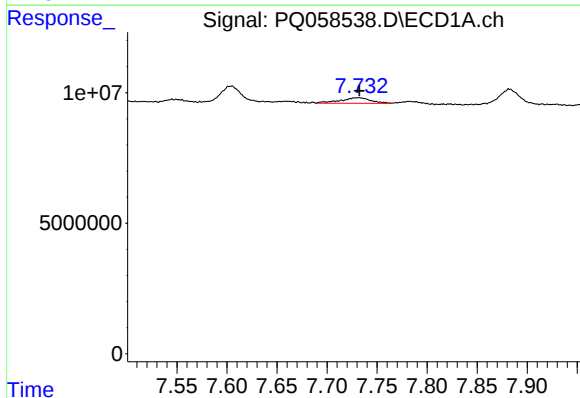
R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 2833755
Conc: 16.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



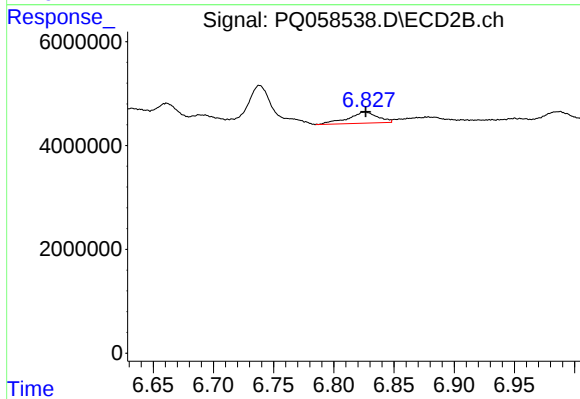
#31 AR-1260-1

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 5681494
Conc: 28.38 ng/ml



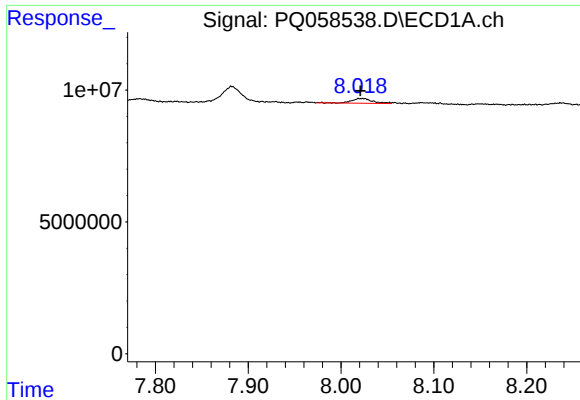
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 4436435
Conc: 21.18 ng/ml



#32 AR-1260-2

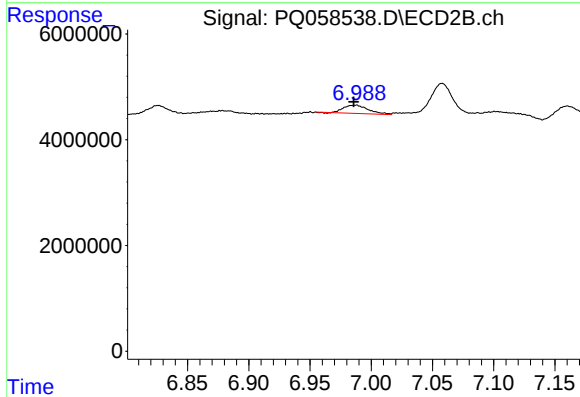
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3678086
Conc: 15.80 ng/ml



#33 AR-1260-3

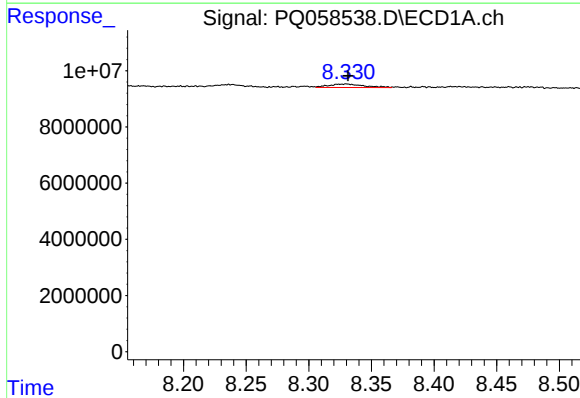
R.T.: 8.023 min
Delta R.T.: 0.003 min
Response: 2896312
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



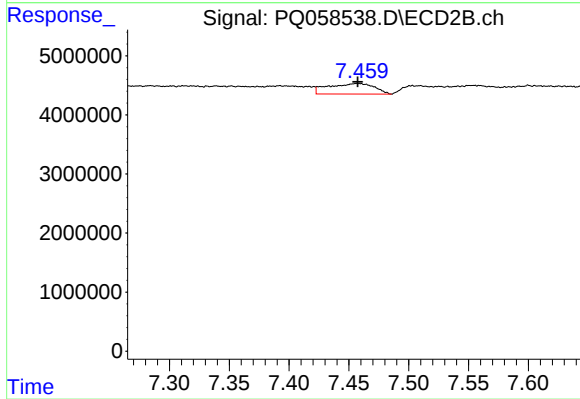
#33 AR-1260-3

R.T.: 6.987 min
Delta R.T.: 0.002 min
Response: 2207554
Conc: 10.32 ng/ml



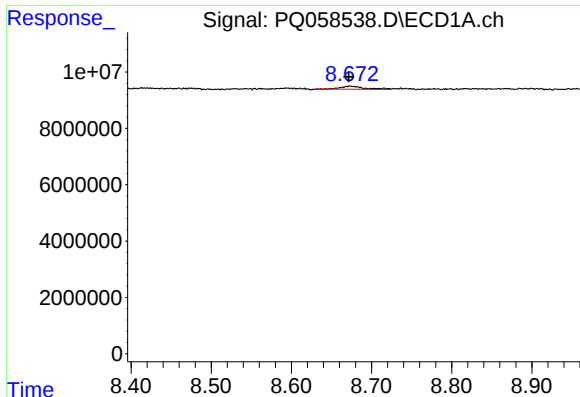
#34 AR-1260-4

R.T.: 8.330 min
Delta R.T.: -0.001 min
Response: 2421883
Conc: 11.91 ng/ml



#34 AR-1260-4

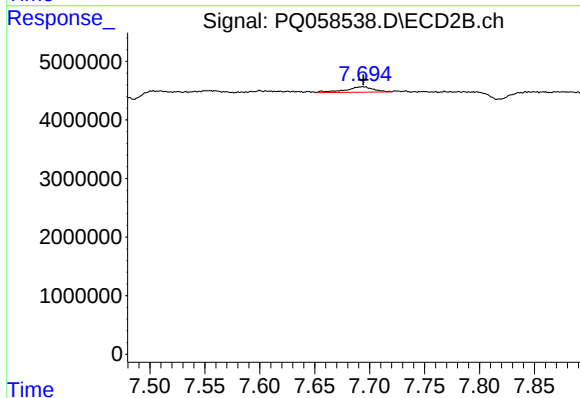
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 4776719
Conc: 27.03 ng/ml



#35 AR-1260-5

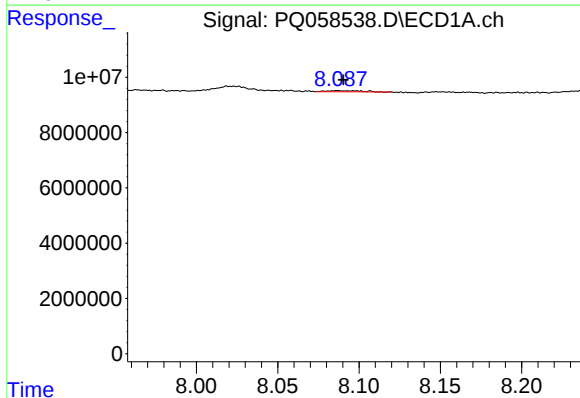
R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 2327206
Conc: 5.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



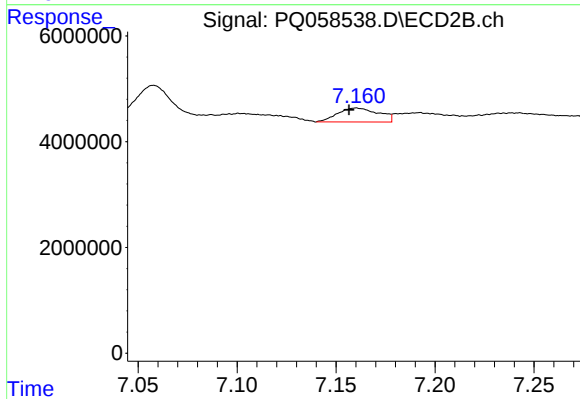
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 1607658
Conc: 4.04 ng/ml



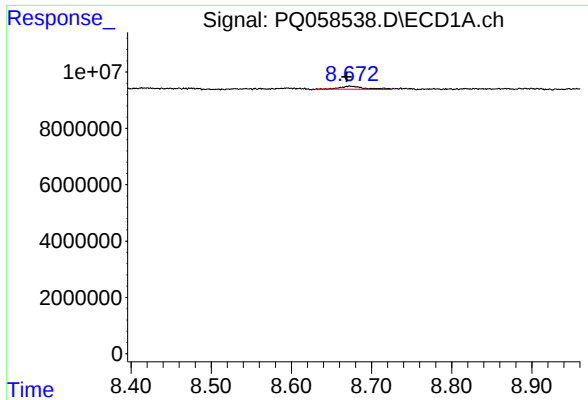
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: -0.004 min
Response: 634542
Conc: 1.95 ng/ml



#36 AR-1262-1

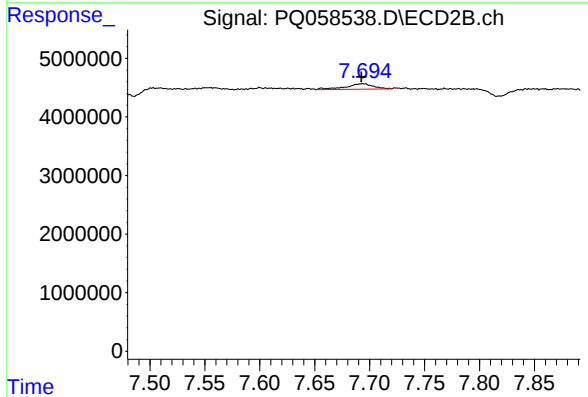
R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 3808239
Conc: 23.62 ng/ml



#37 AR-1262-2

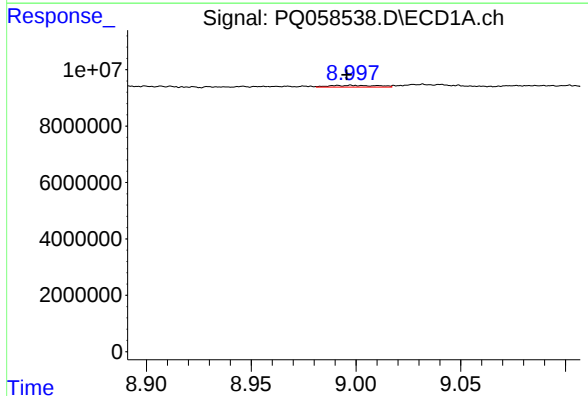
R.T.: 8.673 min
Delta R.T.: 0.004 min
Response: 2327206
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



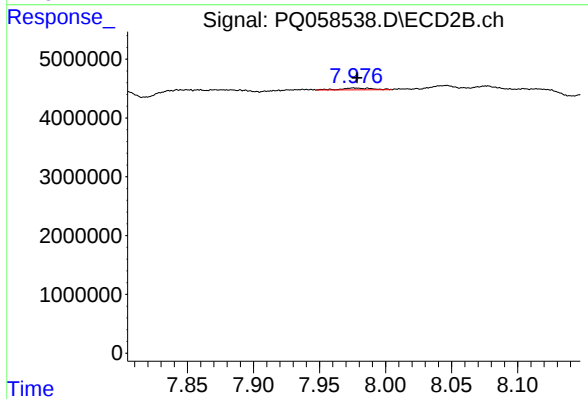
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: 0.001 min
Response: 1607658
Conc: 2.88 ng/ml



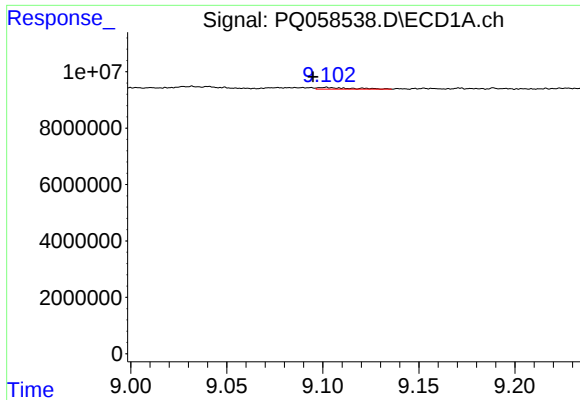
#38 AR-1262-3

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 969023
Conc: 2.77 ng/ml



#38 AR-1262-3

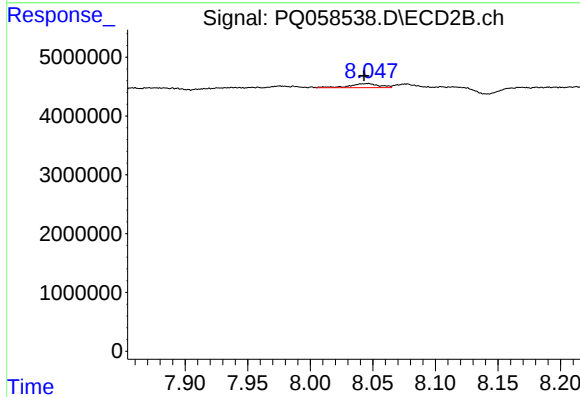
R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 542299
Conc: 2.49 ng/ml



#39 AR-1262-4

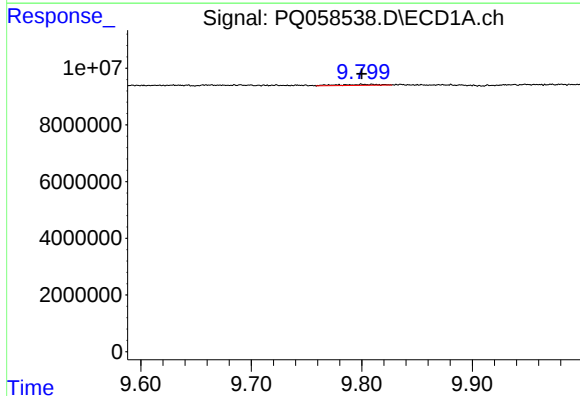
R.T.: 9.102 min
Delta R.T.: 0.007 min
Response: 671836
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



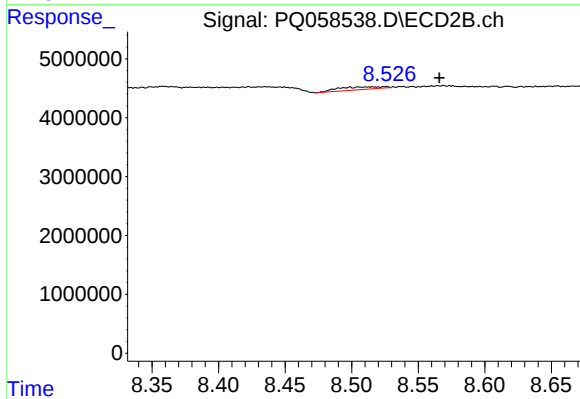
#39 AR-1262-4

R.T.: 8.046 min
Delta R.T.: 0.003 min
Response: 1154584
Conc: 2.89 ng/ml



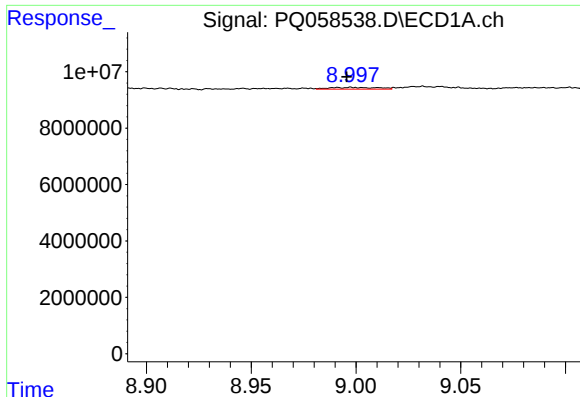
#40 AR-1262-5

R.T.: 9.809 min
Delta R.T.: 0.009 min
Response: 806578
Conc: 3.18 ng/ml



#40 AR-1262-5

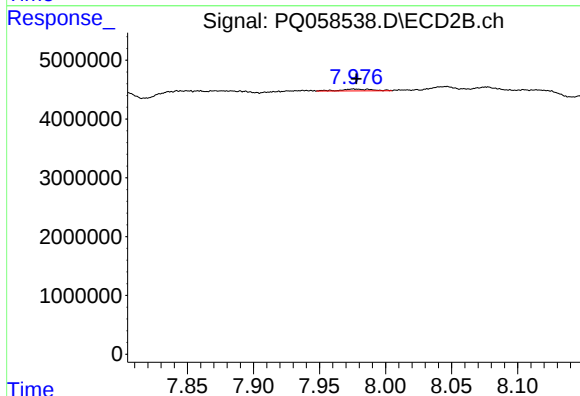
R.T.: 8.526 min
Delta R.T.: -0.040 min
Response: 1115318
Conc: 7.03 ng/ml



#41 AR-1268-1

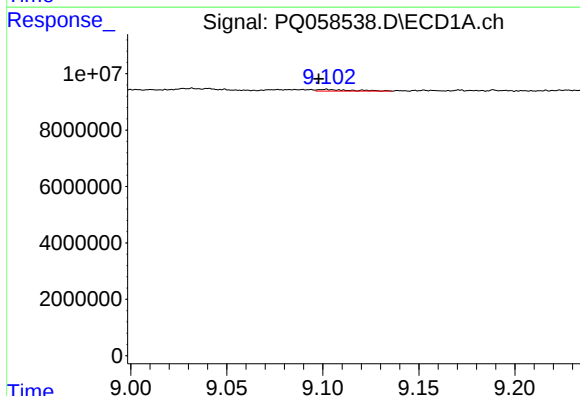
R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 969023
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



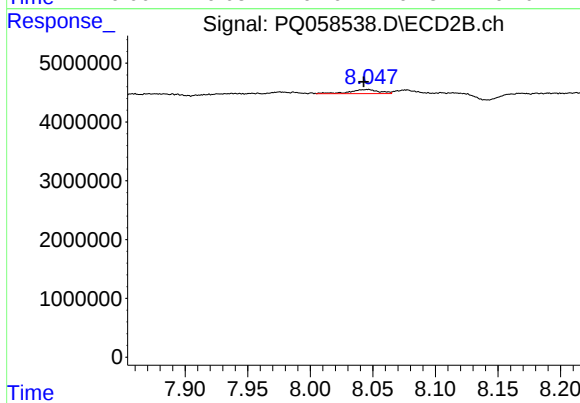
#41 AR-1268-1

R.T.: 7.976 min
Delta R.T.: -0.002 min
Response: 542299
Conc: 0.70 ng/ml



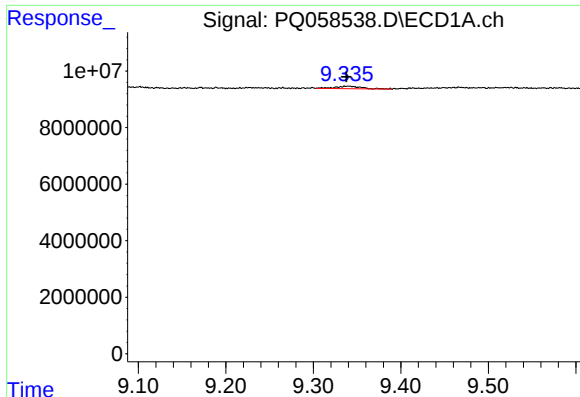
#42 AR-1268-2

R.T.: 9.102 min
Delta R.T.: 0.004 min
Response: 671836
Conc: 0.62 ng/ml



#42 AR-1268-2

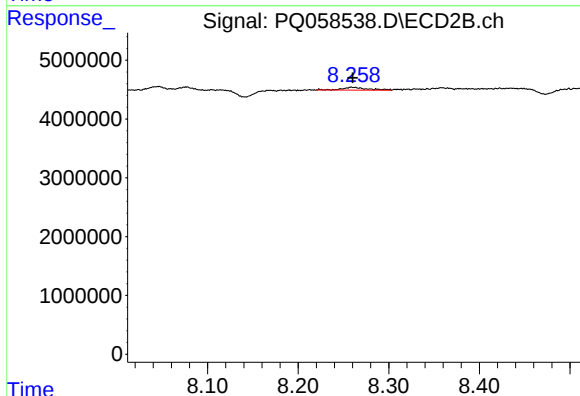
R.T.: 8.046 min
Delta R.T.: 0.003 min
Response: 1154584
Conc: 1.63 ng/ml



#43 AR-1268-3

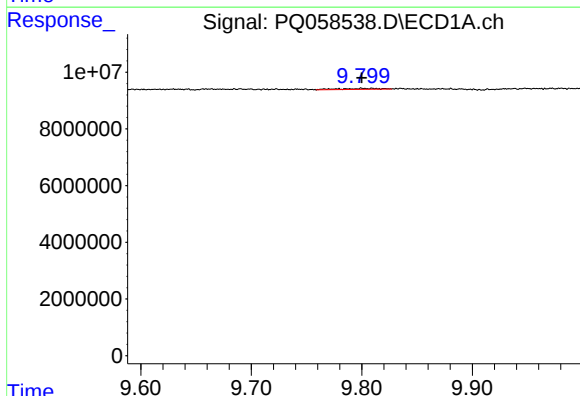
R.T.: 9.340 min
Delta R.T.: 0.002 min
Response: 1809893
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



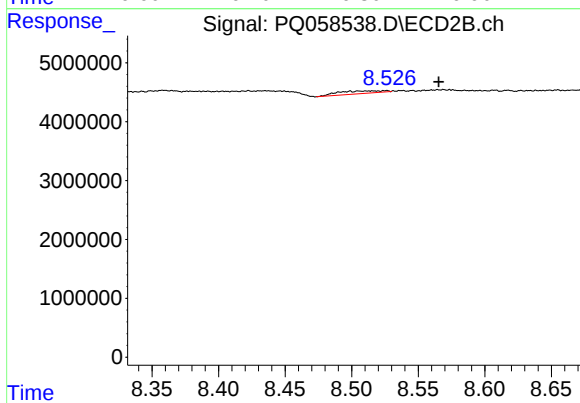
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: -0.001 min
Response: 880426
Conc: 1.44 ng/ml



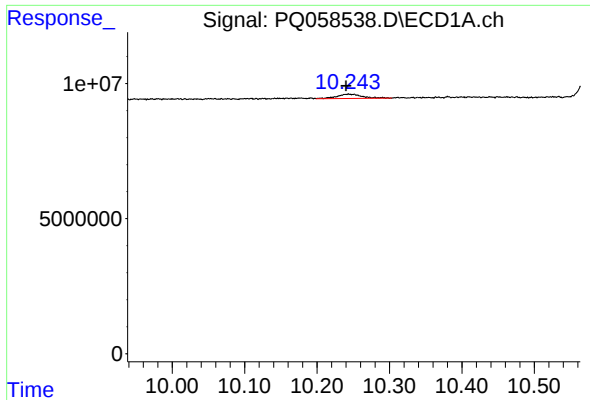
#44 AR-1268-4

R.T.: 9.809 min
Delta R.T.: 0.009 min
Response: 806578
Conc: 2.43 ng/ml



#44 AR-1268-4

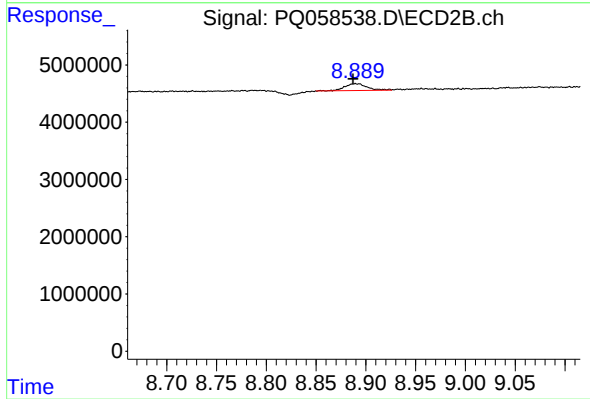
R.T.: 8.526 min
Delta R.T.: -0.040 min
Response: 1115318
Conc: 5.24 ng/ml



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: 0.003 min
Response: 3748240
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.889 min
Delta R.T.: 0.002 min
Response: 1871033
Conc: 1.02 ng/ml