

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 19:31
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:56:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.222	4.237	580.9E6	251.7E6	20.120	19.534
2)	SA Decachlor...	11.410	9.575	643.5E6	299.5E6	21.546	21.093
Target Compounds							
3)	L1 AR-1016-1	6.549	5.518f	788085	1432175	0.796	3.147 #
4)	L1 AR-1016-2	6.572	5.518	1309530	1432175	0.851	2.114 #
5)	L1 AR-1016-3	6.639	0.000	600715	0	0.656	N.D. #
6)	L1 AR-1016-4	6.747	5.759	851234	8242238	1.155	29.138 #
7)	L1 AR-1016-5	7.059	5.989	16534483	7357030	22.923	20.381
8)	L2 AR-1221-1	5.471	4.516f	2777566	9086651	9.520	67.938 #
9)	L2 AR-1221-2	5.580	4.591	22569961	5788379	106.264	57.710 #
10)	L2 AR-1221-3	5.657	4.677	15369821	1764114	22.022	5.410 #
11)	L3 AR-1232-1	5.657	4.677	15369821	1764114	29.827	7.438 #
12)	L3 AR-1232-2	6.243	5.518	23927729	1432175	85.928	5.662 #
13)	L3 AR-1232-3	6.572	0.000	1309530	0	2.230	N.D. #
14)	L3 AR-1232-4	6.747	5.801	851234	1916440	3.119	17.086 #
15)	L3 AR-1232-5	6.838	5.989	17983071	7357030	90.424	59.862 #
16)	L4 AR-1242-1	6.549	5.518f	788085	1432175	1.128	4.462 #
17)	L4 AR-1242-2	6.572	5.518	1309530	1432175	1.209	3.031 #
18)	L4 AR-1242-3	6.639	0.000	600715	0	0.925	N.D. #
19)	L4 AR-1242-4	6.747	5.801	851234	1916440	1.626	8.088 #
20)	L4 AR-1242-5	7.530	6.368	25773324	18153161	44.153	56.906 #
21)	L5 AR-1248-1	6.549	5.518f	788085	1432175	1.514	5.924 #
22)	L5 AR-1248-2	6.838	5.759	17983071	8242238	23.719	23.899
23)	L5 AR-1248-3	7.059	5.801	16534483	1916440	19.254	5.464 #
24)	L5 AR-1248-4	7.488	5.989	20249055	7357030	20.816	17.216
25)	L5 AR-1248-5	7.530	6.410	25773324	2227962	26.364	5.253 #
26)	L6 AR-1254-1	7.457	6.368	39378255	18153161	40.451	26.818 #
27)	L6 AR-1254-2	7.684	6.527	50623258	16772186	33.539	26.939
28)	L6 AR-1254-3	8.069	6.948	52205451	25617787	33.408	25.802
29)	L6 AR-1254-4	8.365	7.187	35525601	15788383	30.629	25.426
30)	L6 AR-1254-5	8.793	7.616	36373393	25196496	28.248	26.057
31)	L7 AR-1260-1	8.234	7.084	21543943	13698060	15.818	16.980
32)	L7 AR-1260-2	8.497	7.280	23677245	12143474	13.779	10.697
33)	L7 AR-1260-3	8.856	7.434	5119269	12111417	4.248	12.696 #
34)	L7 AR-1260-4	9.101	7.921	13420189	1322117	10.537	1.820 #
35)	L7 AR-1260-5	9.451	8.166	7425718	2802894	2.702	1.463 #
36)	L8 AR-1262-1	8.856	7.616	5119269	25196496	2.956	52.568 #
37)	L8 AR-1262-2	9.451	8.166	7425718	2802894	2.451	1.369 #
38)	L8 AR-1262-3	9.756f	8.474f	210021	9356394	0.102	11.108 #
39)	L8 AR-1262-4	9.862f	8.513	2373110	9366370	1.390	6.600 #
40)	L8 AR-1262-5	10.601	9.023	708179	908347	0.622	1.473 #
41)	L9 AR-1268-1	9.756f	8.474f	210021	9356394	0.060	4.038 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 19:31
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

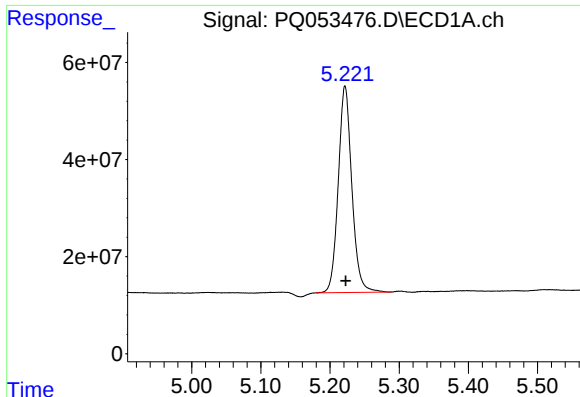
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:56:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.862f	8.513	2373110	9366370	0.711	4.816 #
43) L9	AR-1268-3	10.125	8.725	2670077	1882289	0.911	1.104
44) L9	AR-1268-4	10.601	9.023	708179	908347	0.614	1.418 #
45) L9	AR-1268-5	11.048	9.316	5570542	2485827	0.596	0.513

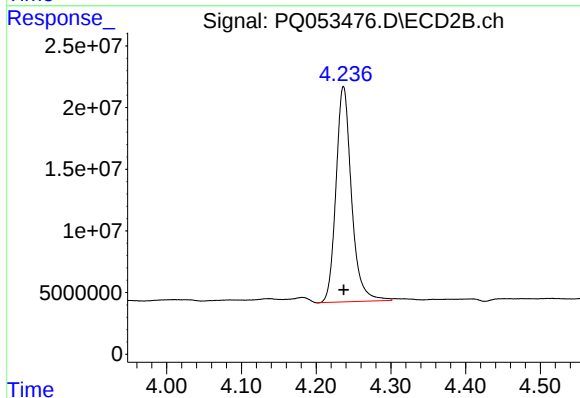
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

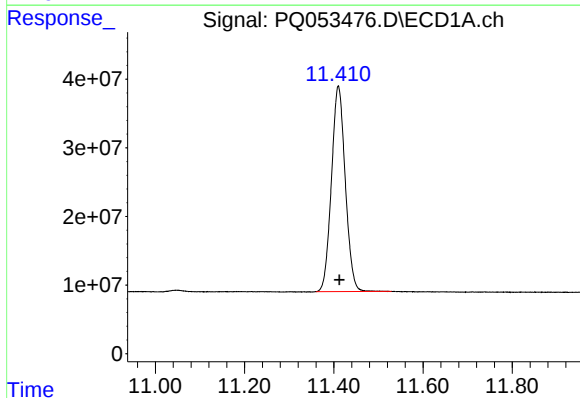
R.T.: 5.222 min
Delta R.T.: -0.001 min
Response: 580871701
Conc: 20.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



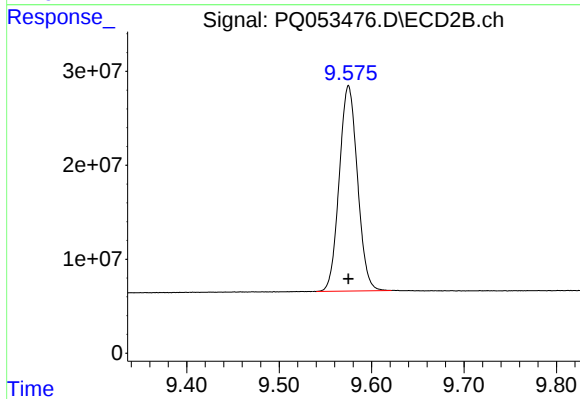
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 251695121
Conc: 19.53 ng/ml



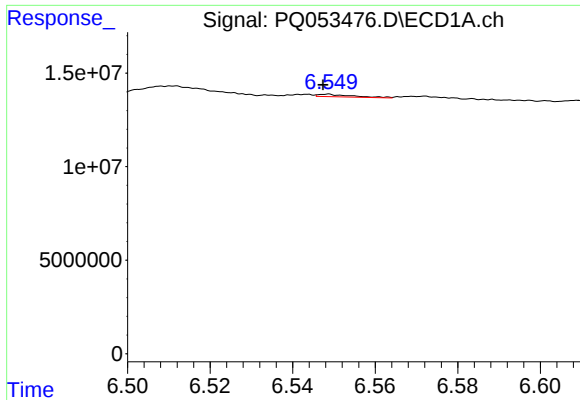
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.002 min
Response: 643515718
Conc: 21.55 ng/ml



#2 Decachlorobiphenyl

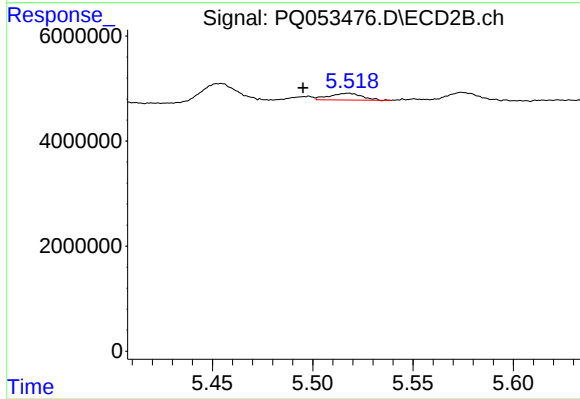
R.T.: 9.575 min
Delta R.T.: 0.000 min
Response: 299485654
Conc: 21.09 ng/ml



#3 AR-1016-1

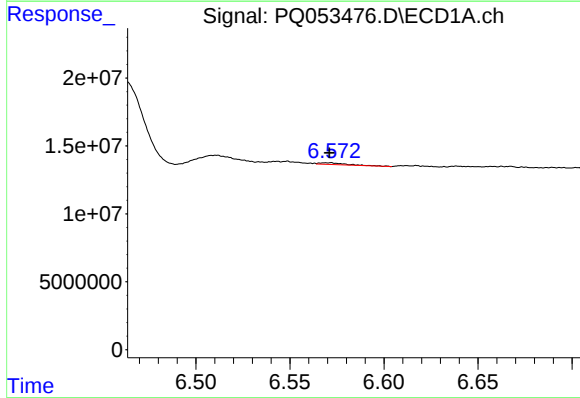
R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 788085
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



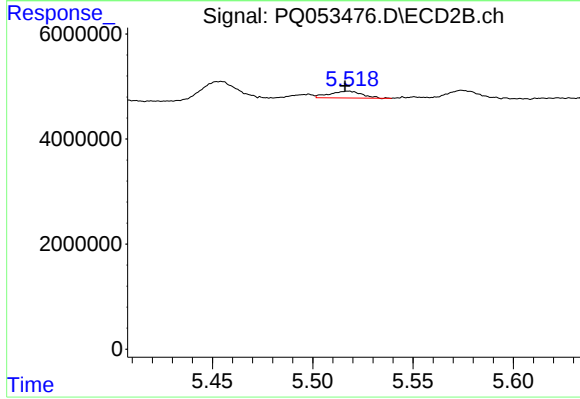
#3 AR-1016-1

R.T.: 5.518 min
Delta R.T.: 0.023 min
Response: 1432175
Conc: 3.15 ng/ml



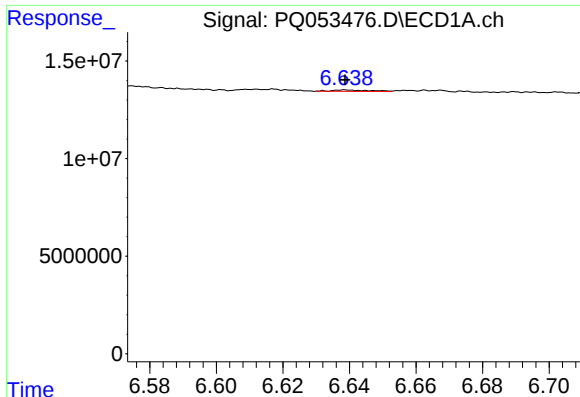
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1309530
Conc: 0.85 ng/ml



#4 AR-1016-2

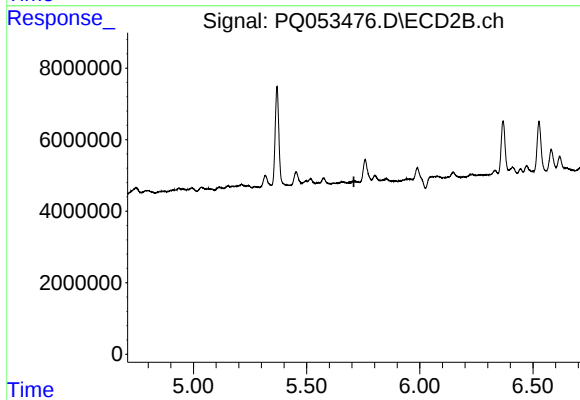
R.T.: 5.518 min
Delta R.T.: 0.002 min
Response: 1432175
Conc: 2.11 ng/ml



#5 AR-1016-3

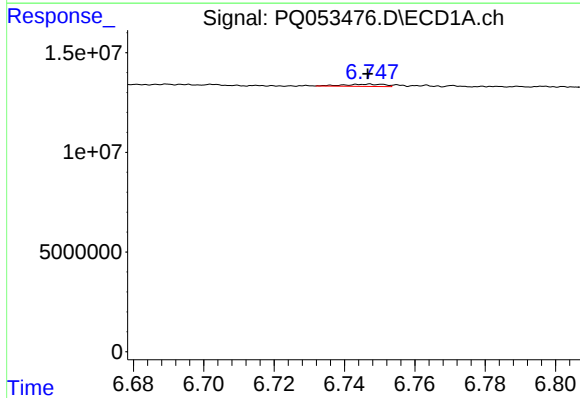
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 600715
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



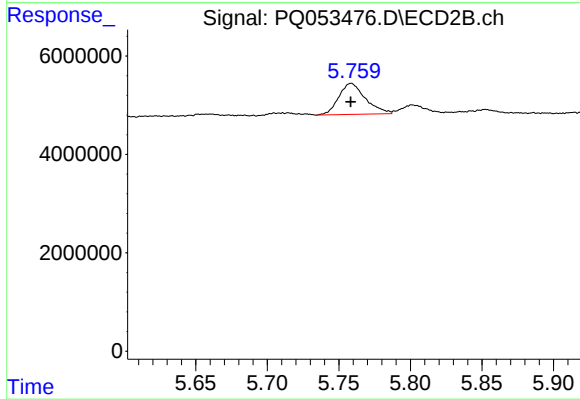
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



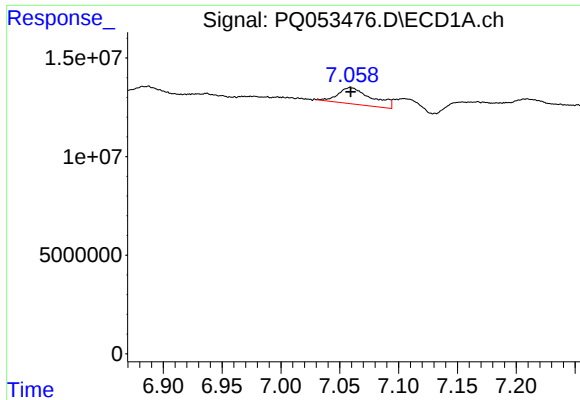
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 851234
Conc: 1.16 ng/ml



#6 AR-1016-4

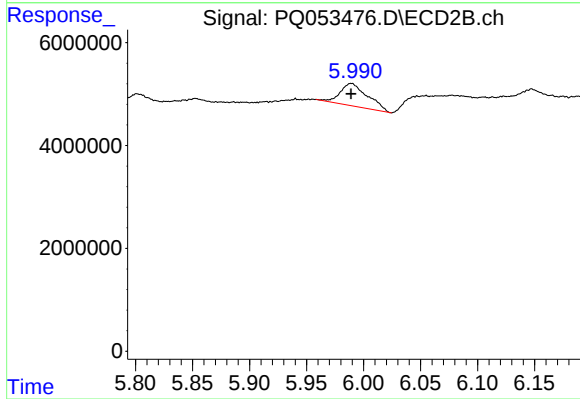
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 8242238
Conc: 29.14 ng/ml



#7 AR-1016-5

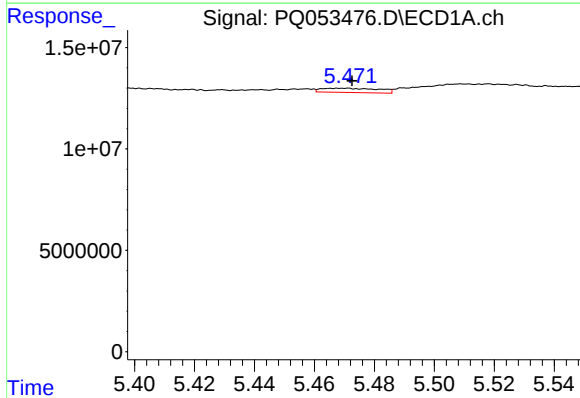
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 16534483
Conc: 22.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



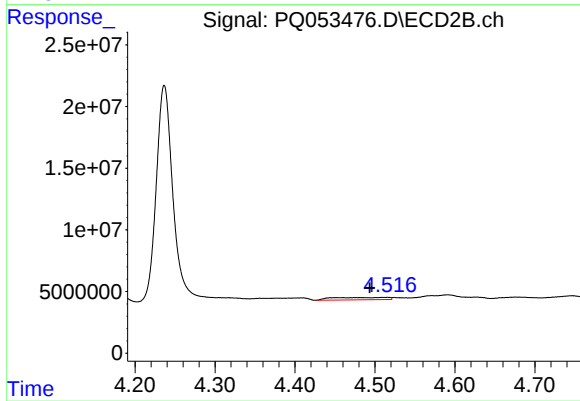
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7357030
Conc: 20.38 ng/ml



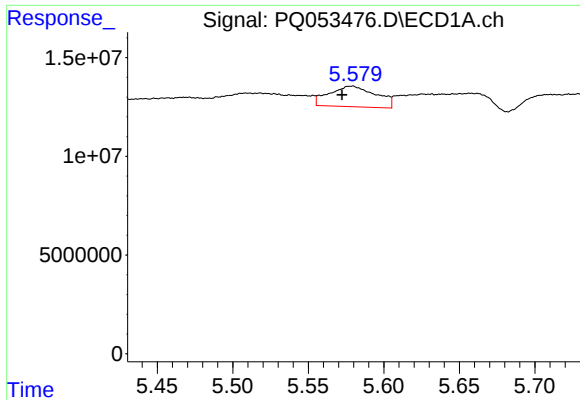
#8 AR-1221-1

R.T.: 5.471 min
Delta R.T.: -0.001 min
Response: 2777566
Conc: 9.52 ng/ml



#8 AR-1221-1

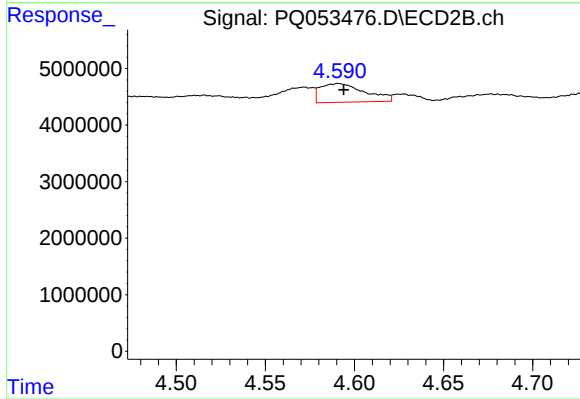
R.T.: 4.516 min
Delta R.T.: 0.022 min
Response: 9086651
Conc: 67.94 ng/ml



#9 AR-1221-2

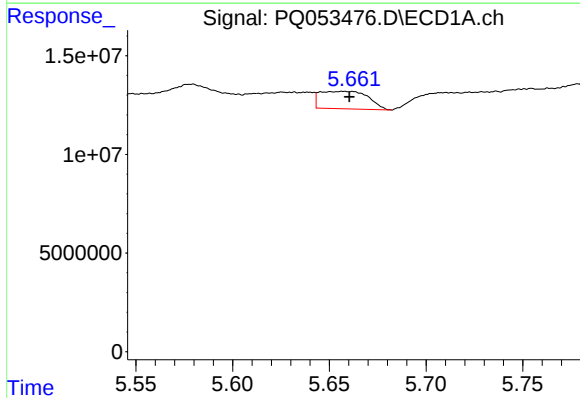
R.T.: 5.580 min
Delta R.T.: 0.007 min
Response: 22569961
Conc: 106.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



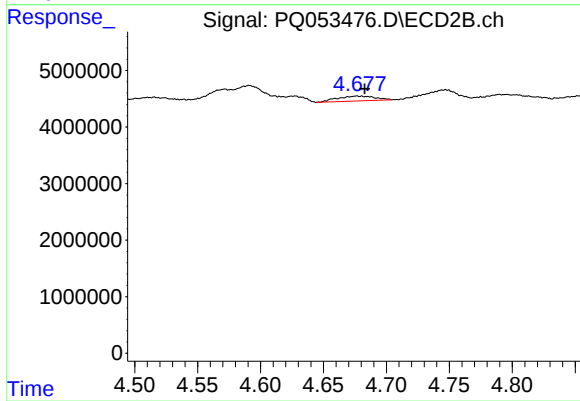
#9 AR-1221-2

R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 5788379
Conc: 57.71 ng/ml



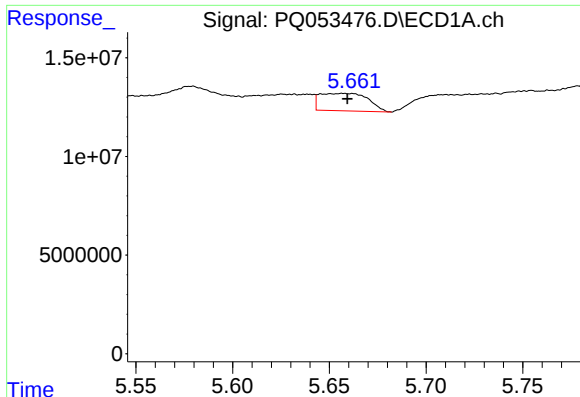
#10 AR-1221-3

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 15369821
Conc: 22.02 ng/ml



#10 AR-1221-3

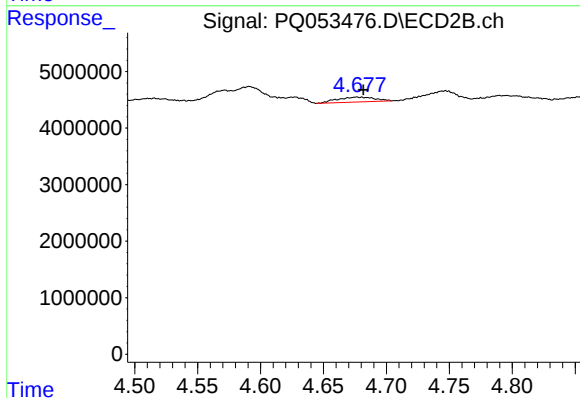
R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 1764114
Conc: 5.41 ng/ml



#11 AR-1232-1

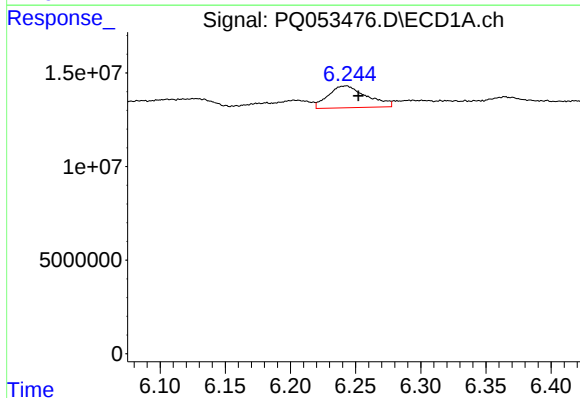
R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 15369821
Conc: 29.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



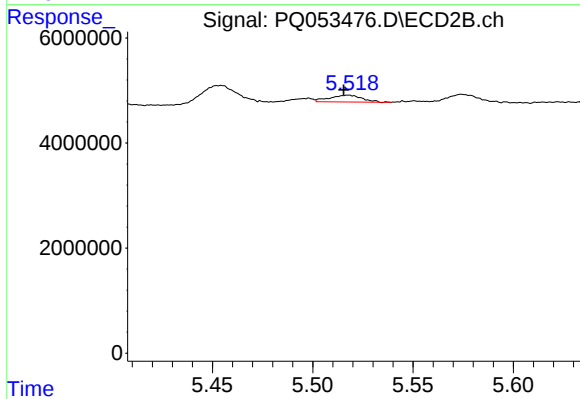
#11 AR-1232-1

R.T.: 4.677 min
Delta R.T.: -0.005 min
Response: 1764114
Conc: 7.44 ng/ml



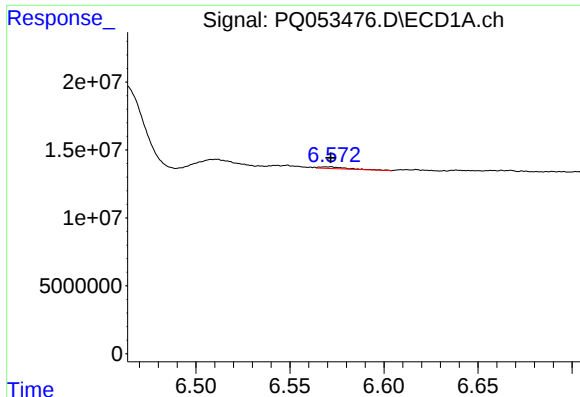
#12 AR-1232-2

R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 23927729
Conc: 85.93 ng/ml



#12 AR-1232-2

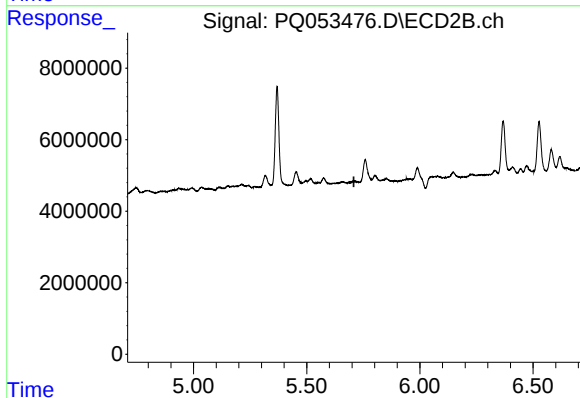
R.T.: 5.518 min
Delta R.T.: 0.002 min
Response: 1432175
Conc: 5.66 ng/ml



#13 AR-1232-3

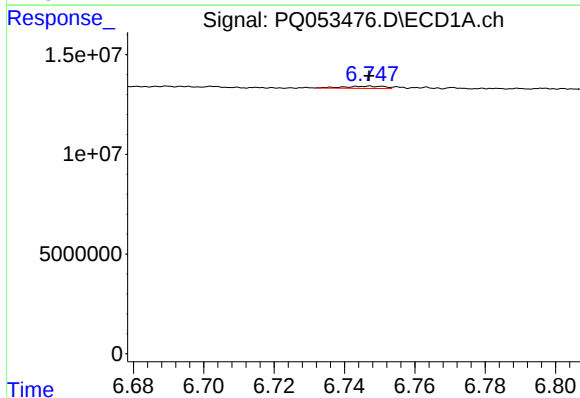
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1309530
Conc: 2.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



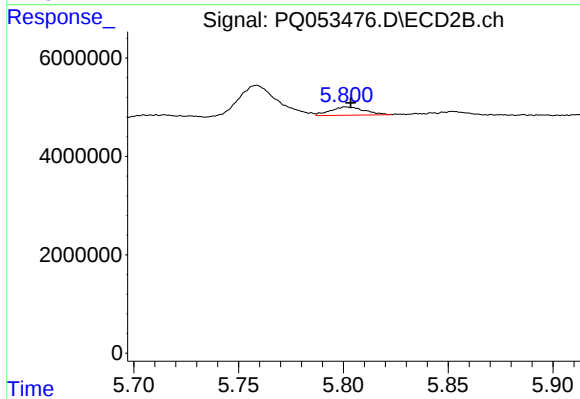
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



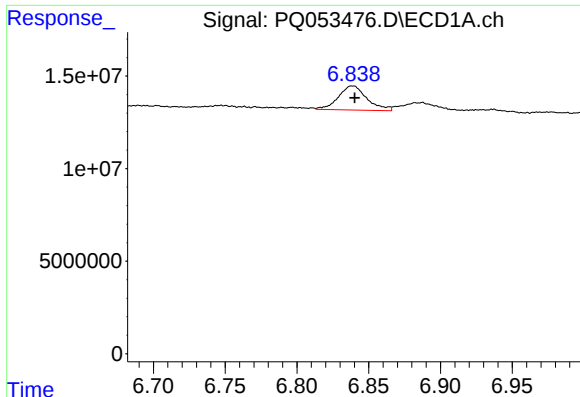
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 851234
Conc: 3.12 ng/ml



#14 AR-1232-4

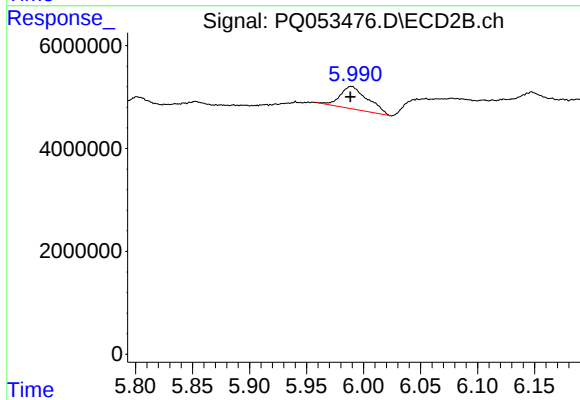
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 1916440
Conc: 17.09 ng/ml



#15 AR-1232-5

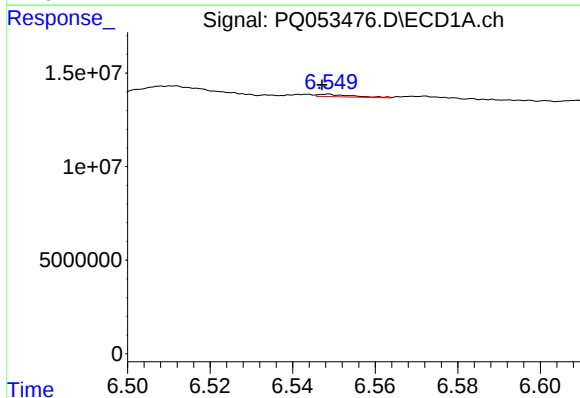
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 17983071
Conc: 90.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



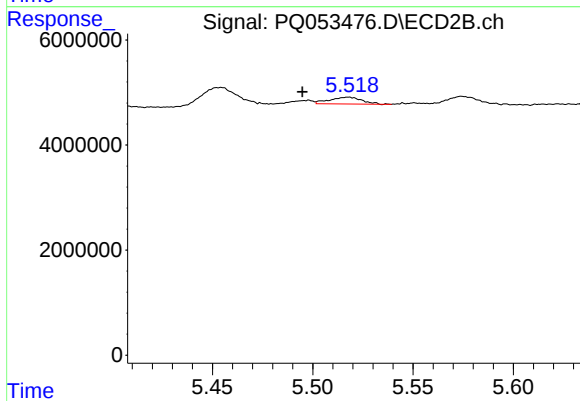
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7357030
Conc: 59.86 ng/ml



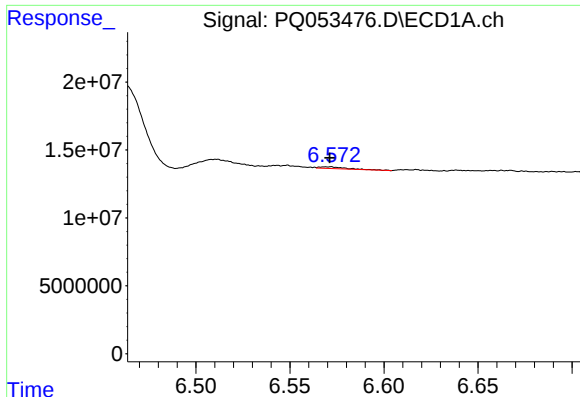
#16 AR-1242-1

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 788085
Conc: 1.13 ng/ml



#16 AR-1242-1

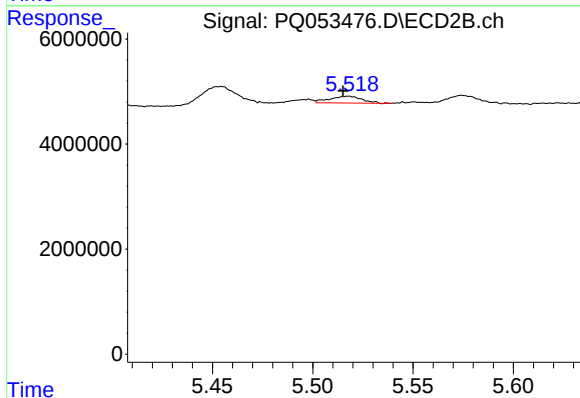
R.T.: 5.518 min
Delta R.T.: 0.023 min
Response: 1432175
Conc: 4.46 ng/ml



#17 AR-1242-2

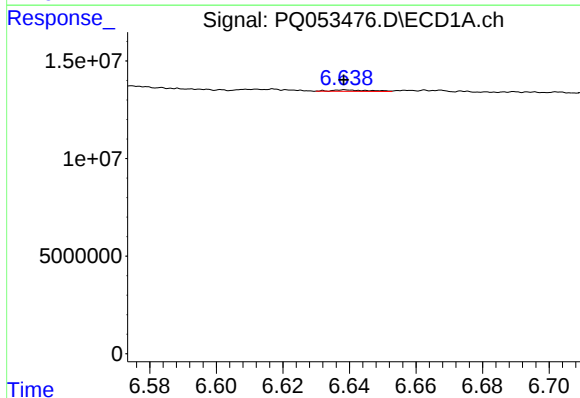
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1309530
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



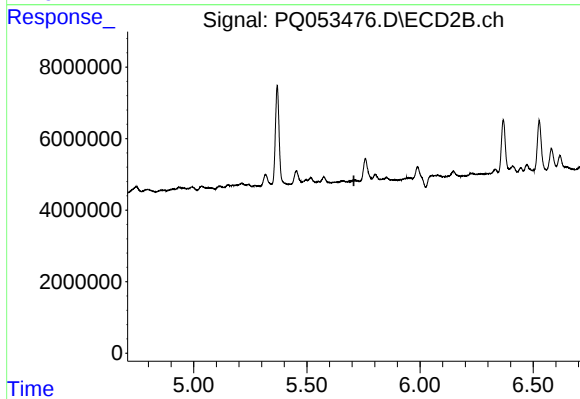
#17 AR-1242-2

R.T.: 5.518 min
Delta R.T.: 0.003 min
Response: 1432175
Conc: 3.03 ng/ml



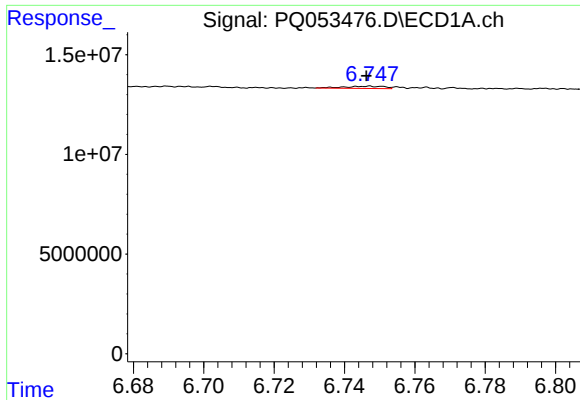
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 600715
Conc: 0.93 ng/ml



#18 AR-1242-3

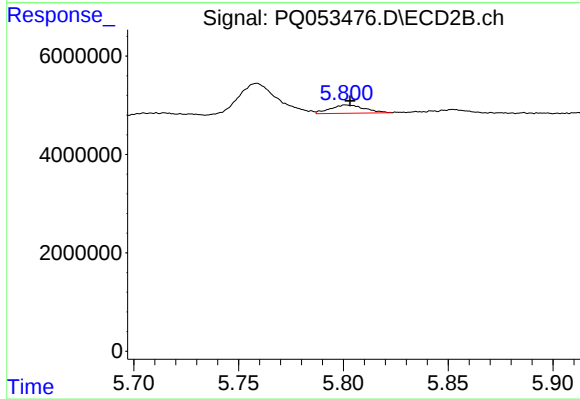
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

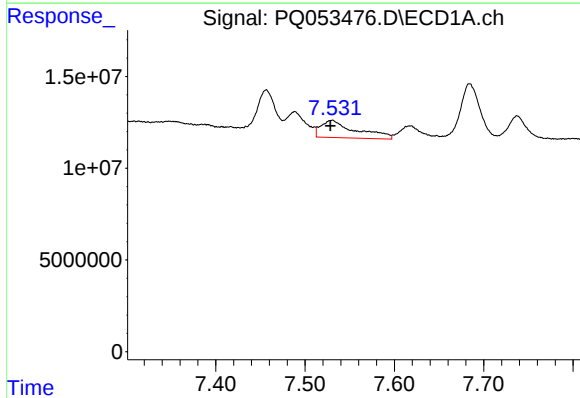
R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 851234
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



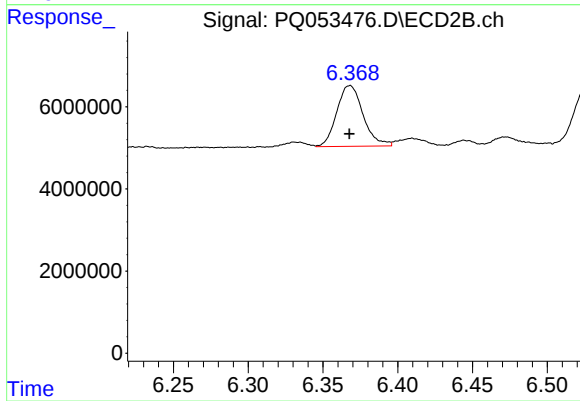
#19 AR-1242-4

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 1916440
Conc: 8.09 ng/ml



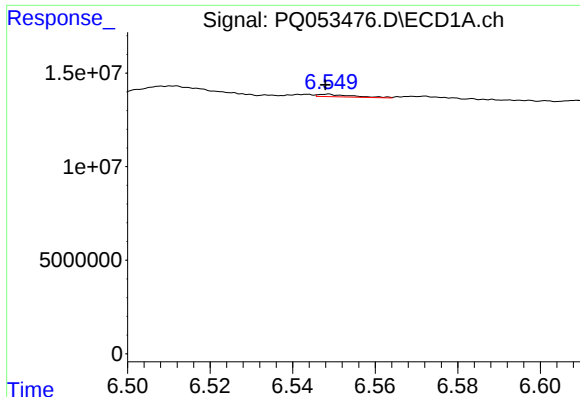
#20 AR-1242-5

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 25773324
Conc: 44.15 ng/ml



#20 AR-1242-5

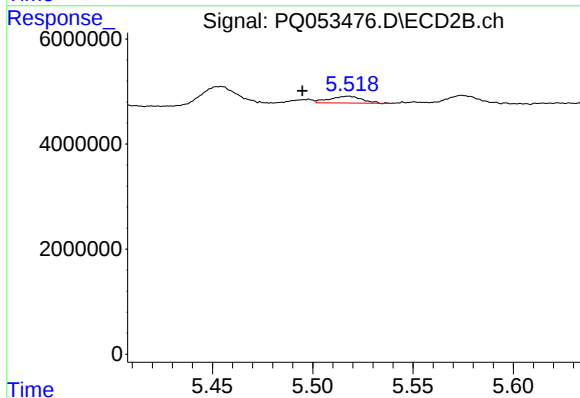
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 18153161
Conc: 56.91 ng/ml



#21 AR-1248-1

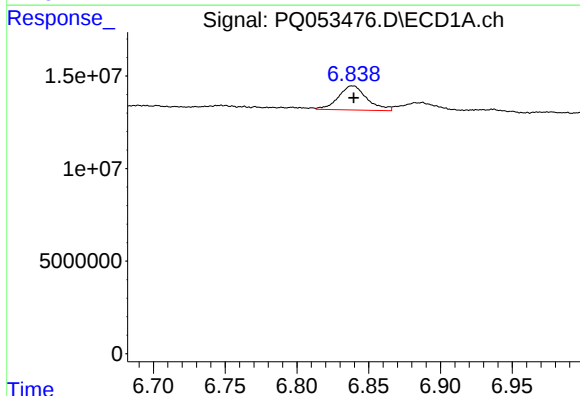
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 788085
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



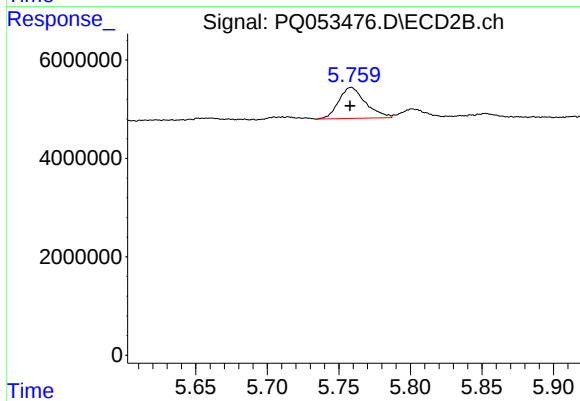
#21 AR-1248-1

R.T.: 5.518 min
Delta R.T.: 0.023 min
Response: 1432175
Conc: 5.92 ng/ml



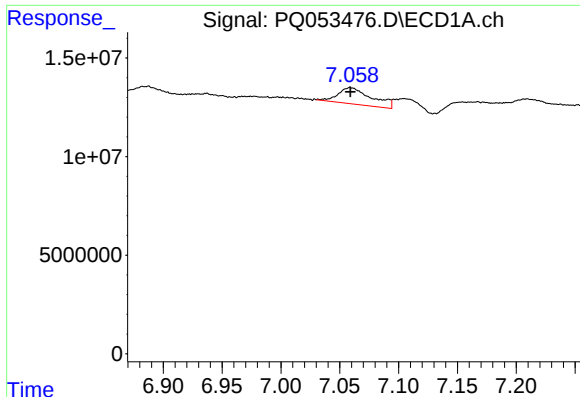
#22 AR-1248-2

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 17983071
Conc: 23.72 ng/ml



#22 AR-1248-2

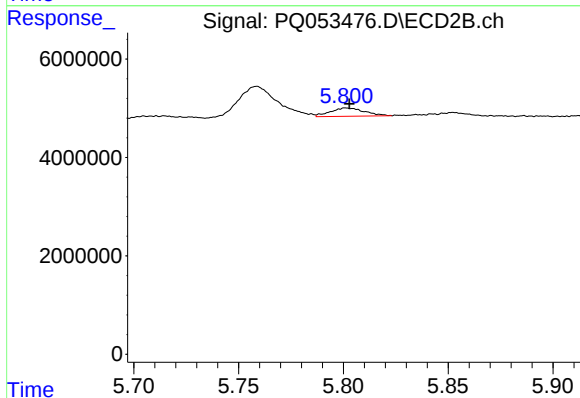
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 8242238
Conc: 23.90 ng/ml



#23 AR-1248-3

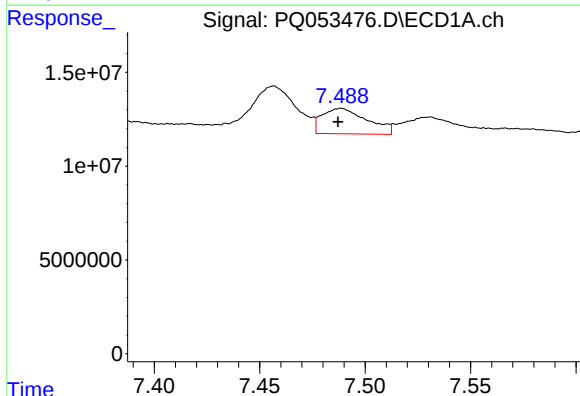
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 16534483
Conc: 19.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



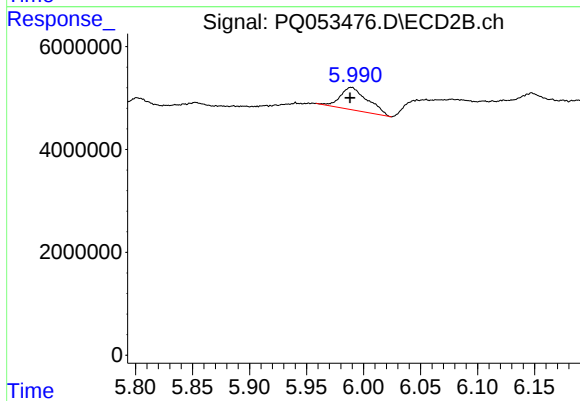
#23 AR-1248-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 1916440
Conc: 5.46 ng/ml



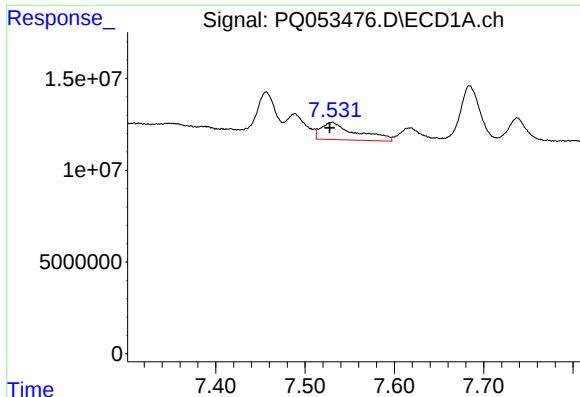
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.001 min
Response: 20249055
Conc: 20.82 ng/ml



#24 AR-1248-4

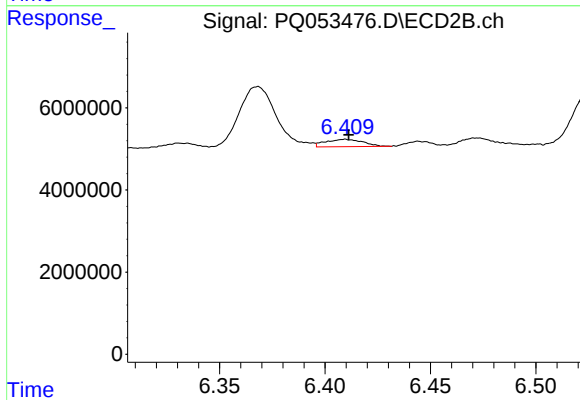
R.T.: 5.989 min
Delta R.T.: 0.001 min
Response: 7357030
Conc: 17.22 ng/ml



#25 AR-1248-5

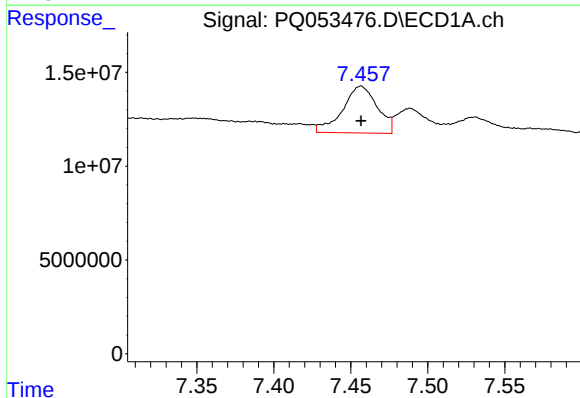
R.T.: 7.530 min
Delta R.T.: 0.003 min
Response: 25773324
Conc: 26.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



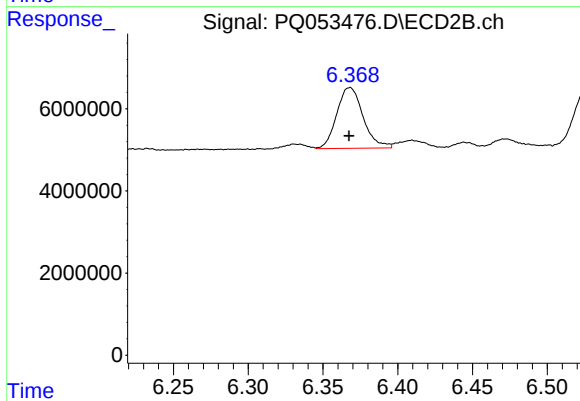
#25 AR-1248-5

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 2227962
Conc: 5.25 ng/ml



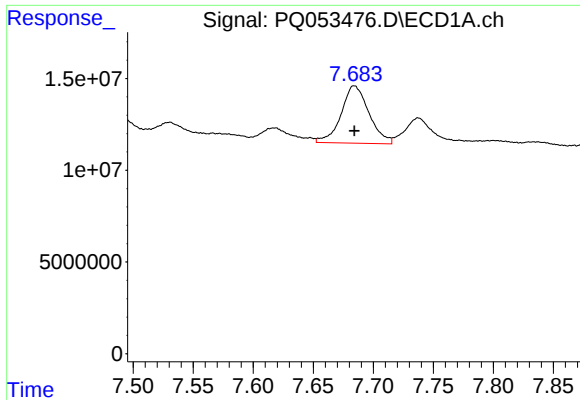
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 39378255
Conc: 40.45 ng/ml



#26 AR-1254-1

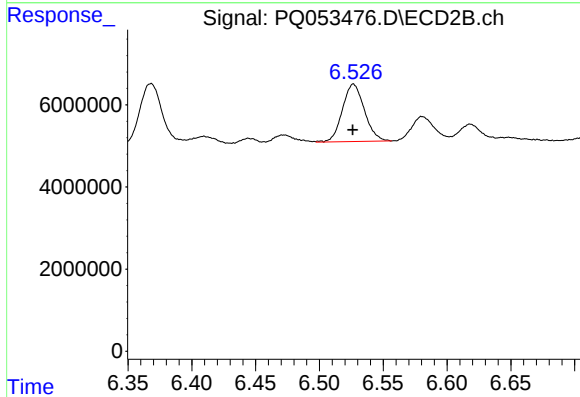
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 18153161
Conc: 26.82 ng/ml



#27 AR-1254-2

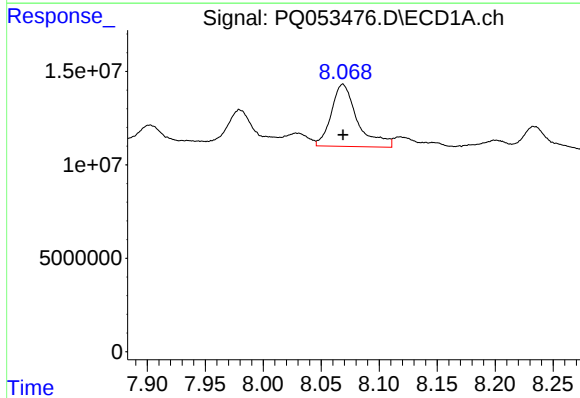
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 50623258
Conc: 33.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



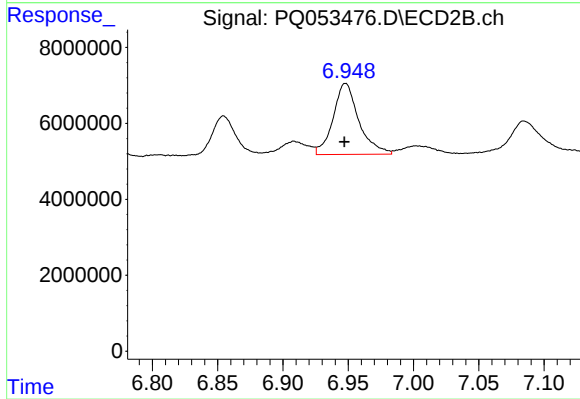
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 16772186
Conc: 26.94 ng/ml



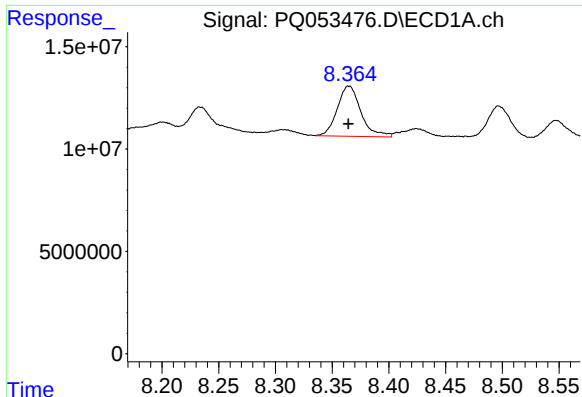
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 52205451
Conc: 33.41 ng/ml



#28 AR-1254-3

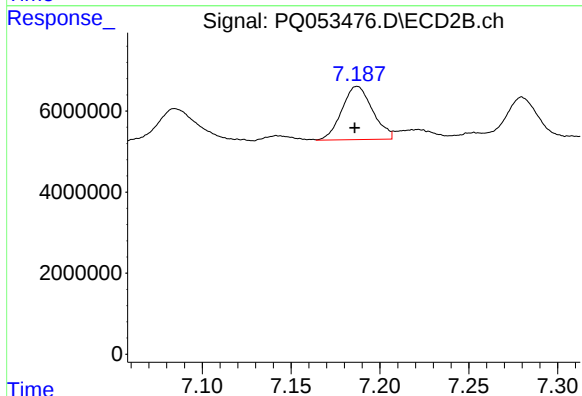
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 25617787
Conc: 25.80 ng/ml



#29 AR-1254-4

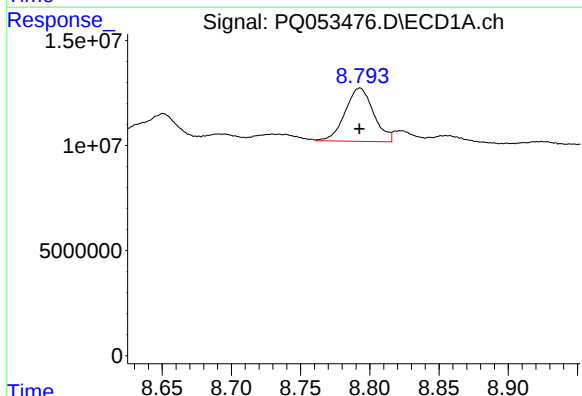
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 35525601
Conc: 30.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



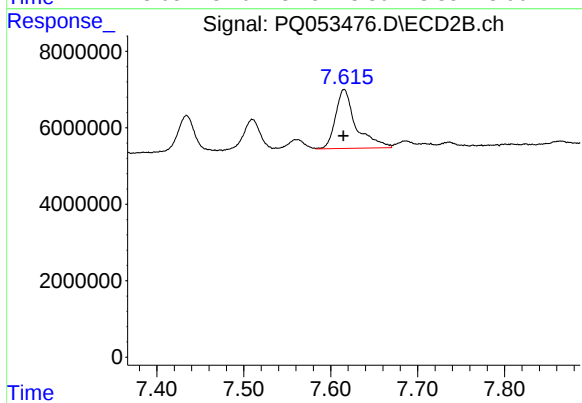
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 15788383
Conc: 25.43 ng/ml



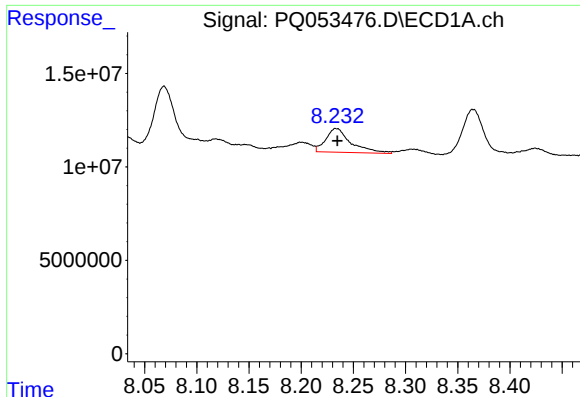
#30 AR-1254-5

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 36373393
Conc: 28.25 ng/ml



#30 AR-1254-5

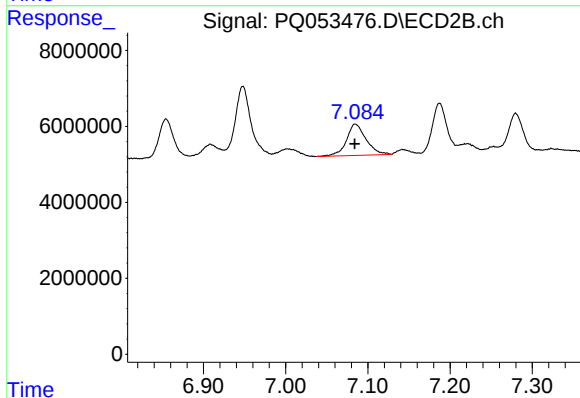
R.T.: 7.616 min
Delta R.T.: 0.001 min
Response: 25196496
Conc: 26.06 ng/ml



#31 AR-1260-1

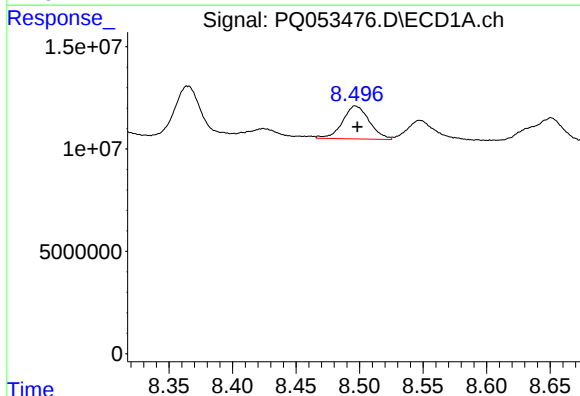
R.T.: 8.234 min
Delta R.T.: -0.001 min
Response: 21543943
Conc: 15.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



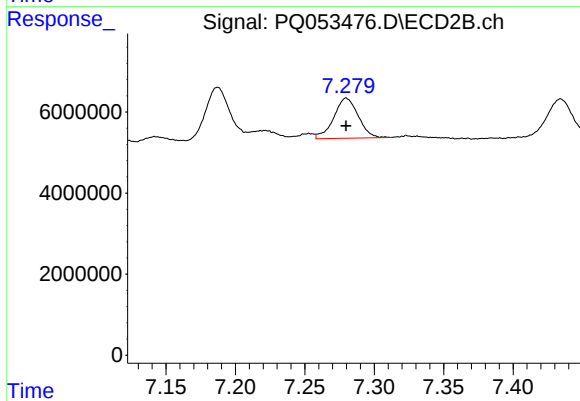
#31 AR-1260-1

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 13698060
Conc: 16.98 ng/ml



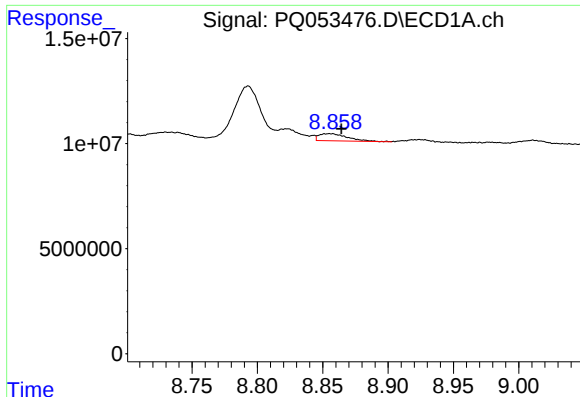
#32 AR-1260-2

R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 23677245
Conc: 13.78 ng/ml



#32 AR-1260-2

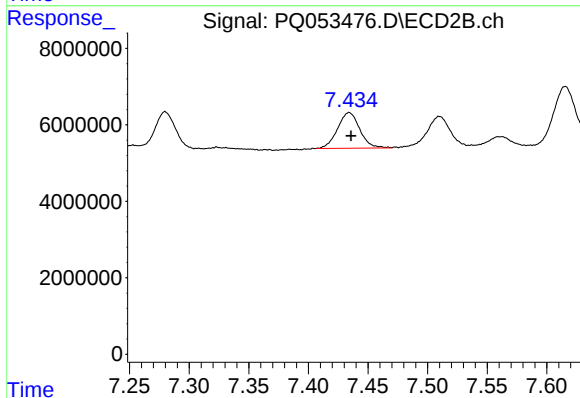
R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 12143474
Conc: 10.70 ng/ml



#33 AR-1260-3

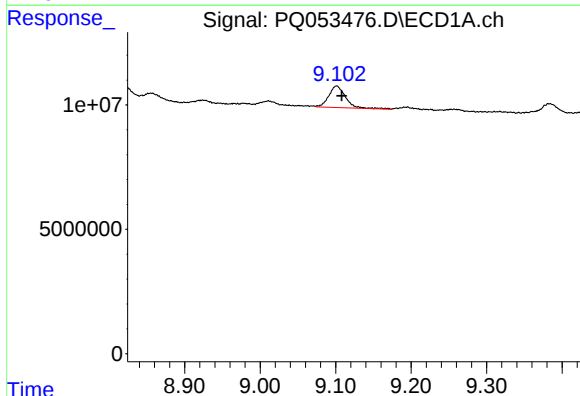
R.T.: 8.856 min
Delta R.T.: -0.009 min
Response: 5119269
Conc: 4.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



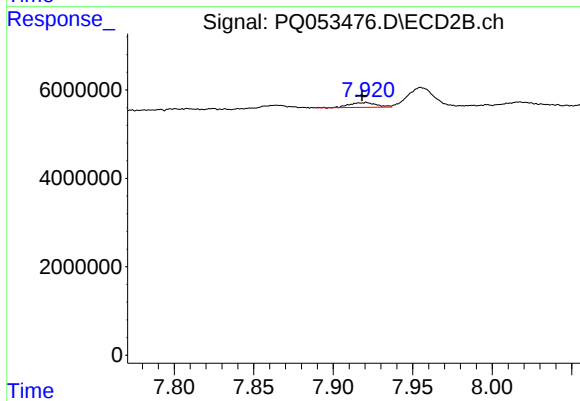
#33 AR-1260-3

R.T.: 7.434 min
Delta R.T.: -0.002 min
Response: 12111417
Conc: 12.70 ng/ml



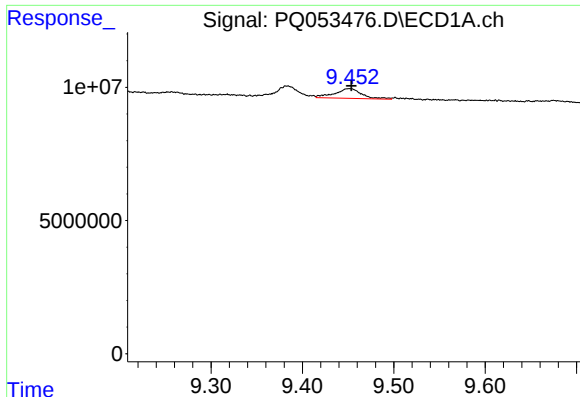
#34 AR-1260-4

R.T.: 9.101 min
Delta R.T.: -0.007 min
Response: 13420189
Conc: 10.54 ng/ml



#34 AR-1260-4

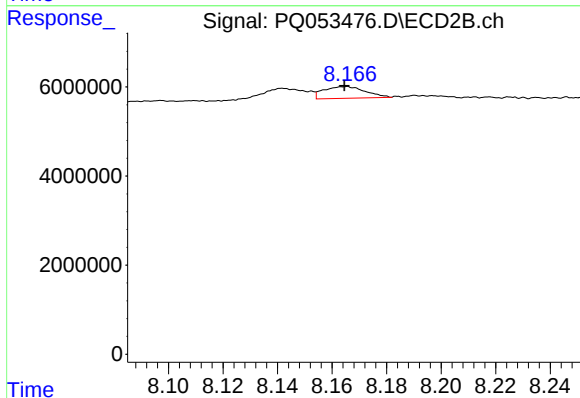
R.T.: 7.921 min
Delta R.T.: 0.003 min
Response: 1322117
Conc: 1.82 ng/ml



#35 AR-1260-5

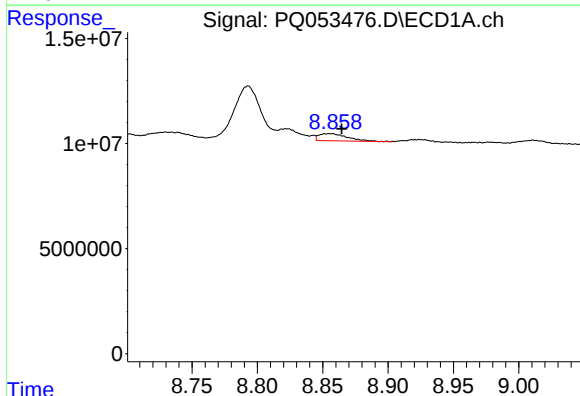
R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 7425718
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



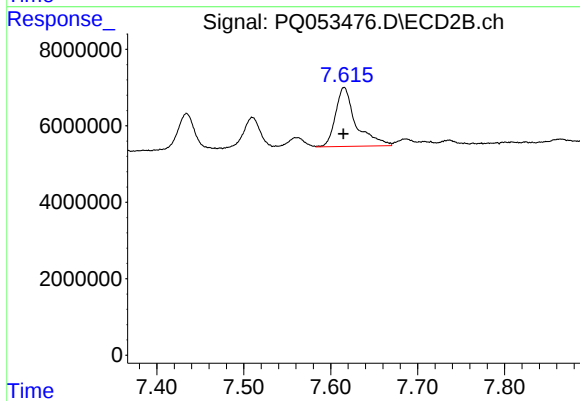
#35 AR-1260-5

R.T.: 8.166 min
Delta R.T.: 0.001 min
Response: 2802894
Conc: 1.46 ng/ml



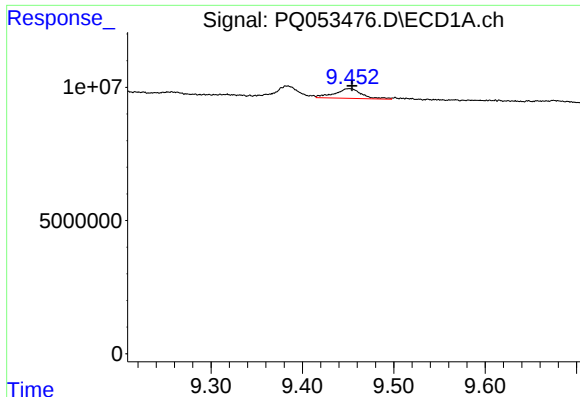
#36 AR-1262-1

R.T.: 8.856 min
Delta R.T.: -0.009 min
Response: 5119269
Conc: 2.96 ng/ml



#36 AR-1262-1

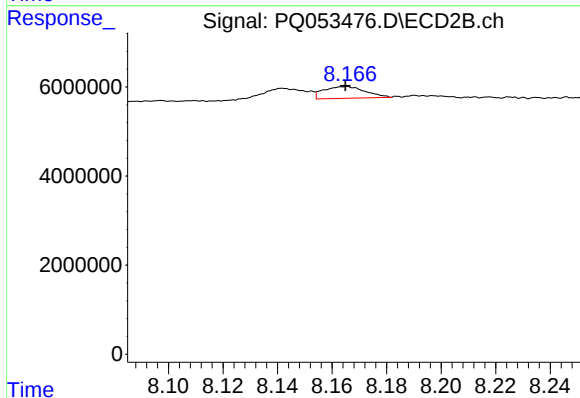
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 25196496
Conc: 52.57 ng/ml



#37 AR-1262-2

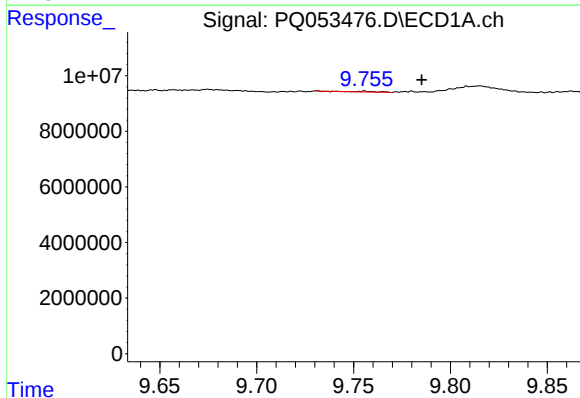
R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 7425718
Conc: 2.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



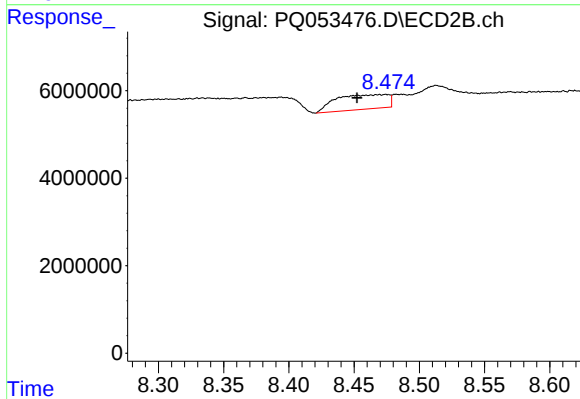
#37 AR-1262-2

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 2802894
Conc: 1.37 ng/ml



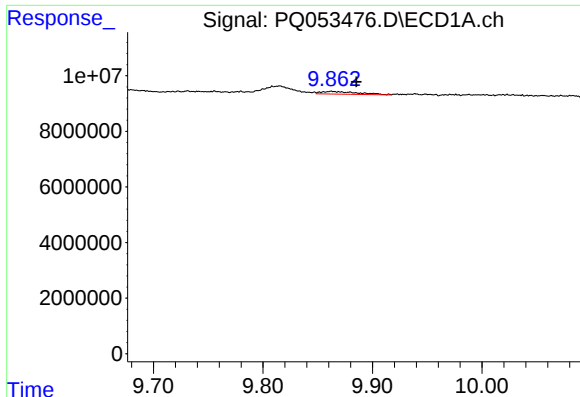
#38 AR-1262-3

R.T.: 9.756 min
Delta R.T.: -0.030 min
Response: 210021
Conc: 0.10 ng/ml



#38 AR-1262-3

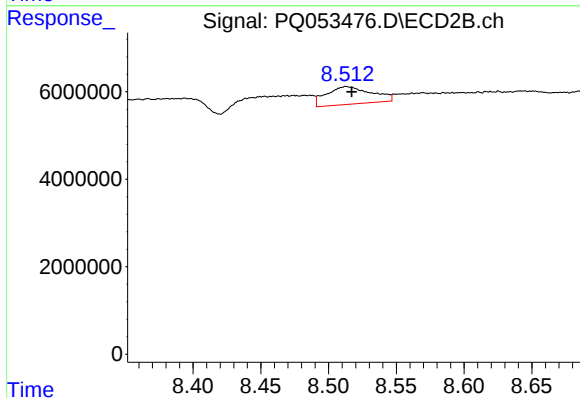
R.T.: 8.474 min
Delta R.T.: 0.022 min
Response: 9356394
Conc: 11.11 ng/ml



#39 AR-1262-4

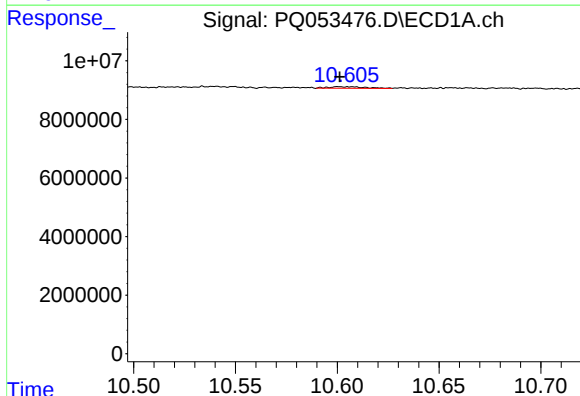
R.T.: 9.862 min
Delta R.T.: -0.023 min
Response: 2373110
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



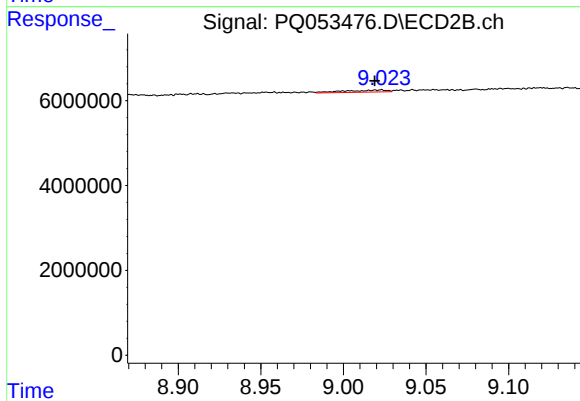
#39 AR-1262-4

R.T.: 8.513 min
Delta R.T.: -0.004 min
Response: 9366370
Conc: 6.60 ng/ml



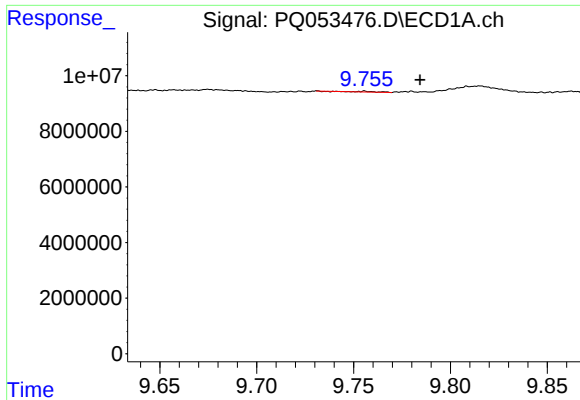
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 708179
Conc: 0.62 ng/ml



#40 AR-1262-5

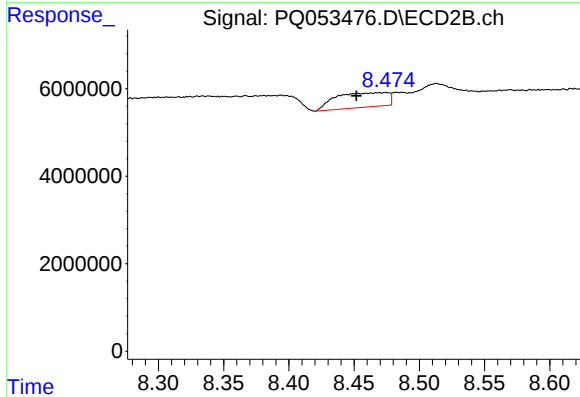
R.T.: 9.023 min
Delta R.T.: 0.004 min
Response: 908347
Conc: 1.47 ng/ml



#41 AR-1268-1

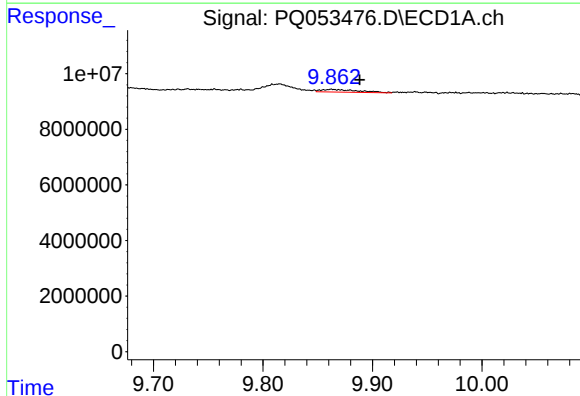
R.T.: 9.756 min
Delta R.T.: -0.029 min
Response: 210021
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



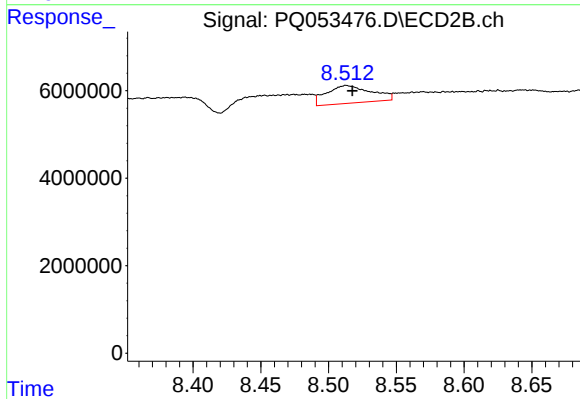
#41 AR-1268-1

R.T.: 8.474 min
Delta R.T.: 0.022 min
Response: 9356394
Conc: 4.04 ng/ml



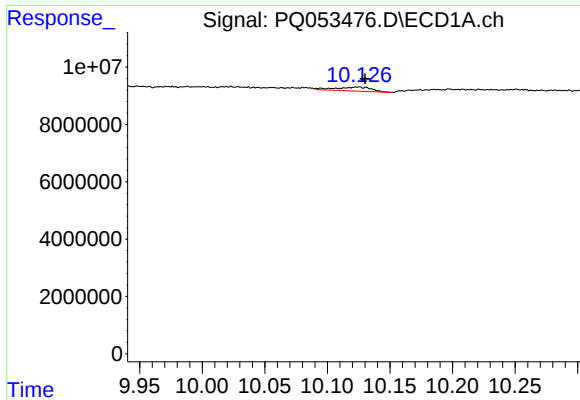
#42 AR-1268-2

R.T.: 9.862 min
Delta R.T.: -0.026 min
Response: 2373110
Conc: 0.71 ng/ml



#42 AR-1268-2

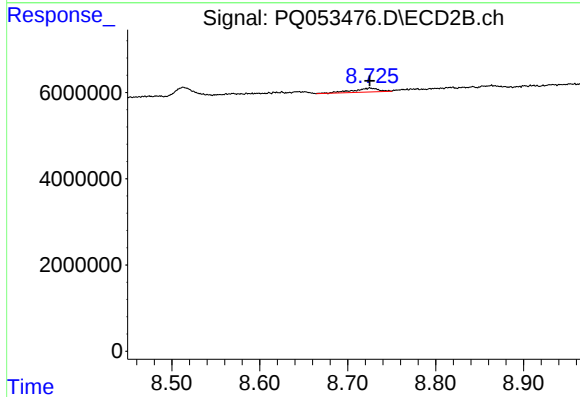
R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 9366370
Conc: 4.82 ng/ml



#43 AR-1268-3

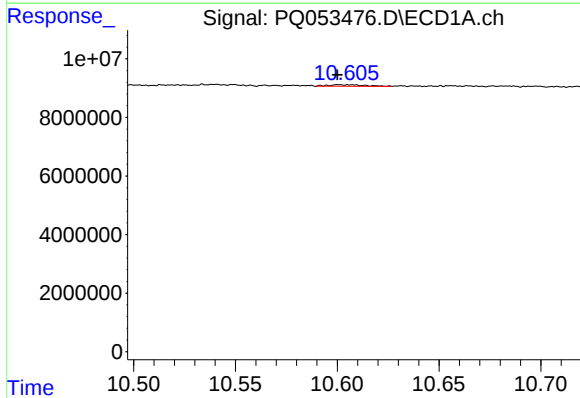
R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 2670077
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



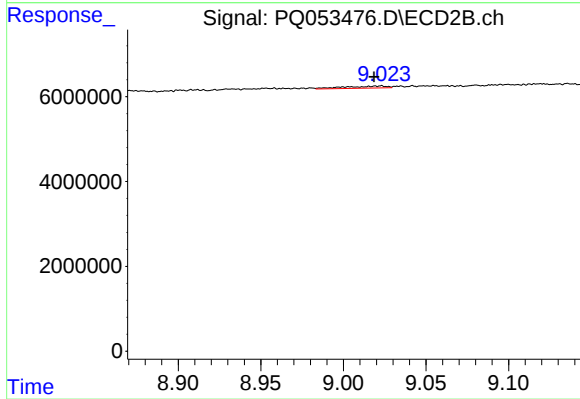
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 1882289
Conc: 1.10 ng/ml



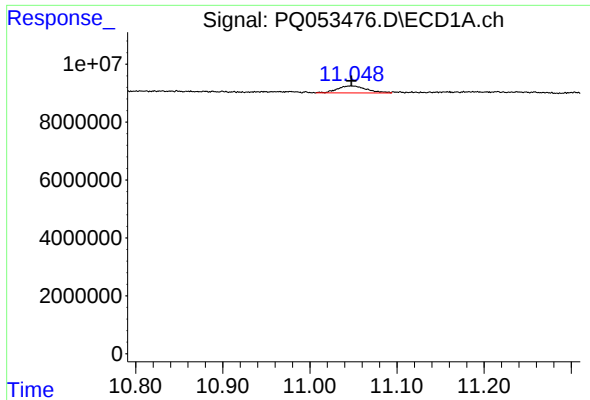
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 708179
Conc: 0.61 ng/ml



#44 AR-1268-4

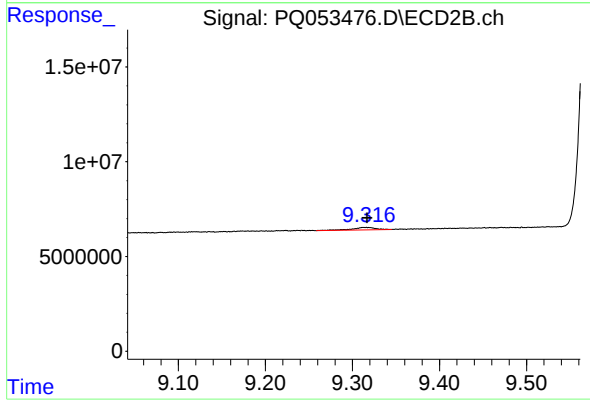
R.T.: 9.023 min
Delta R.T.: 0.005 min
Response: 908347
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: 0.000 min
Response: 5570542
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 2485827
Conc: 0.51 ng/ml