

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030421\
 Data File : PQ052441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2021 12:56
 Operator : DD\AJ
 Sample : M1344-01
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 02:05:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.238	4.241	484.5E6	162.2E6	19.730	19.333
2)	SA Decachlor...	11.439	9.594	846.3E6	324.4E6	41.295	42.056
Target Compounds							
3)	L1 AR-1016-1	6.562	5.503	19704289	7407323	24.523	24.048
4)	L1 AR-1016-2	6.586	5.522	31460801	9966165	26.649	23.244
5)	L1 AR-1016-3	6.654	5.717	19648720	5000447	27.530	22.827
6)	L1 AR-1016-4	6.762	5.766	15619290	4117694	25.945	24.589
7)	L1 AR-1016-5	7.075	5.996	15453711	4926136	27.466	23.067
8)	L2 AR-1221-1	5.482	4.499	4418981	819116	17.327	9.062 #
9)	L2 AR-1221-2	5.593	4.598	7412551	3263532	42.142	51.576
10)	L2 AR-1221-3	5.674	4.687	11829925	3105907	20.092	14.404 #
11)	L3 AR-1232-1	5.674	4.687	11829925	3105907	24.073	17.175 #
12)	L3 AR-1232-2	6.267	5.522	15471902	9966165	60.115	50.479
13)	L3 AR-1232-3	6.586	5.717	31460801	5000447	59.803	50.834
14)	L3 AR-1232-4	6.762	5.811	15619290	5114577	59.583	61.792
15)	L3 AR-1232-5	6.856	5.996	13530201	4926136	73.239	55.370
16)	L4 AR-1242-1	6.562	5.503	19704289	7407323	28.672	28.119
17)	L4 AR-1242-2	6.586	5.522	31460801	9966165	31.162	27.125
18)	L4 AR-1242-3	6.654	5.717	19648720	5000447	32.355	26.229
19)	L4 AR-1242-4	6.762	5.811	15619290	5114577	30.716	28.960
20)	L4 AR-1242-5	7.545	6.377	8937002	5329708	15.841	21.258 #
21)	L5 AR-1248-1	6.562	5.503	19704289	7407323	35.977	36.021
22)	L5 AR-1248-2	6.856	5.766	13530201	4117694	17.603	15.235
23)	L5 AR-1248-3	7.075	5.811	15453711	5114577	17.503	18.342
24)	L5 AR-1248-4	7.503	5.996	6215169	4926136	5.978	14.804 #
25)	L5 AR-1248-5	7.545	6.420	8937002	627817	8.724	1.756 #
26)	L6 AR-1254-1	7.474	6.377	19439939	5329708	19.569	9.994 #
27)	L6 AR-1254-2	7.701	6.534	19390146	4011460	12.545	8.785 #
28)	L6 AR-1254-3	8.085	6.956	8509437	1481198	5.035	1.970 #
29)	L6 AR-1254-4	8.379	7.195	9715896	1570670	7.746	3.113 #
30)	L6 AR-1254-5	8.807	7.626	40638049	16018990	30.241	23.552
31)	L7 AR-1260-1	8.250	7.094	29279622	12952493	29.298	31.624
32)	L7 AR-1260-2	8.513	7.291	38765280	16126745	31.561	30.373
33)	L7 AR-1260-3	8.880	7.447	20127896	13581873	22.010	28.419 #
34)	L7 AR-1260-4	9.125	7.930	27370050	9443955	25.403	23.316
35)	L7 AR-1260-5	9.471	8.177	51546413	23713667	22.718	22.024
36)	L8 AR-1262-1	8.880	7.626	20127896	16018990	12.784	46.390 #
37)	L8 AR-1262-2	9.471	8.177	51546413	23713667	17.206	17.682
38)	L8 AR-1262-3	9.830f	8.464	34548079	5241801	17.355	10.025 #
39)	L8 AR-1262-4	9.886	8.527	19572389	16647688	12.862	17.037 #
40)	L8 AR-1262-5	10.621	9.031	11128605	4801427	10.227	10.594
41)	L9 AR-1268-1	9.830f	8.464	34548079	5241801	9.828	3.255 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030421\
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 Acq On : 04 Mar 2021 12:56
 Operator : DD\AJ
 Sample : M1344-01
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

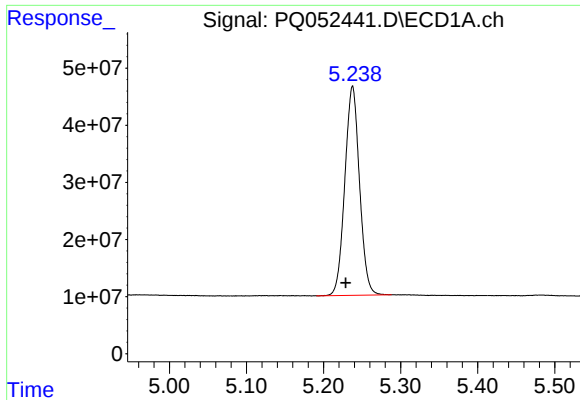
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 02:05:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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	9.886	8.527	19572389	16647688	5.960	11.168 #
43) L9	AR-1268-3	10.148	8.742	2976369	1096449	1.070	0.874
44) L9	AR-1268-4	10.621	9.031	11128605	4801427	9.126	9.186
45) L9	AR-1268-5	11.073	9.333	13103816	3690013	1.341	0.918 #

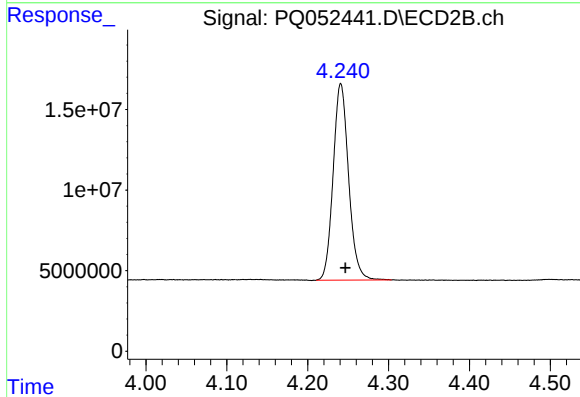
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

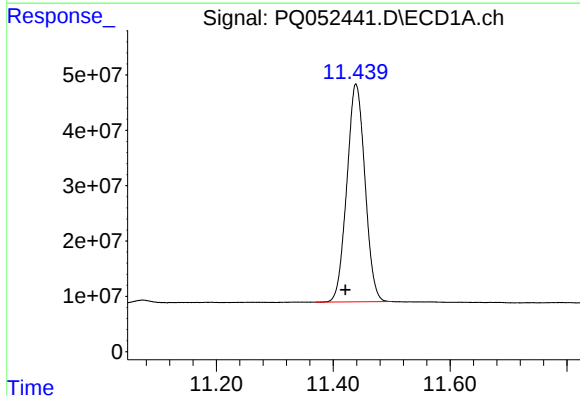
R.T.: 5.238 min
Delta R.T.: 0.009 min
Response: 484533410
Conc: 19.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



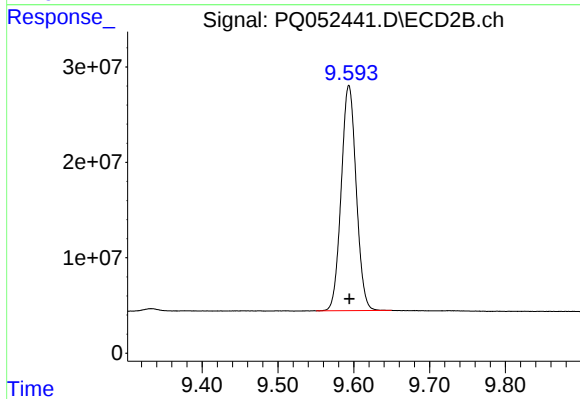
#1 Tetrachloro-m-xylene

R.T.: 4.241 min
Delta R.T.: -0.006 min
Response: 162172620
Conc: 19.33 ng/ml



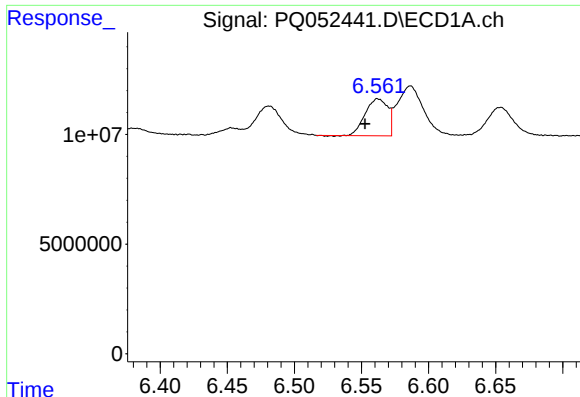
#2 Decachlorobiphenyl

R.T.: 11.439 min
Delta R.T.: 0.018 min
Response: 846346057
Conc: 41.30 ng/ml



#2 Decachlorobiphenyl

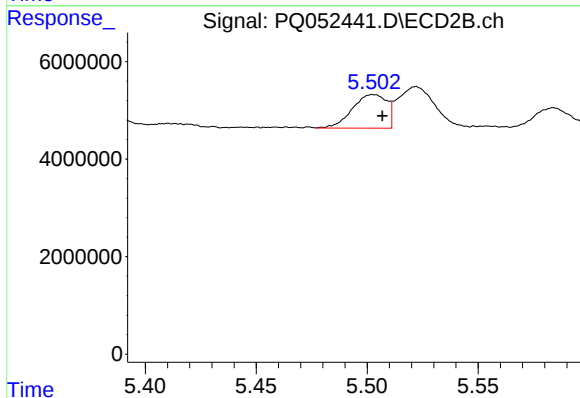
R.T.: 9.594 min
Delta R.T.: 0.000 min
Response: 324372851
Conc: 42.06 ng/ml



#3 AR-1016-1

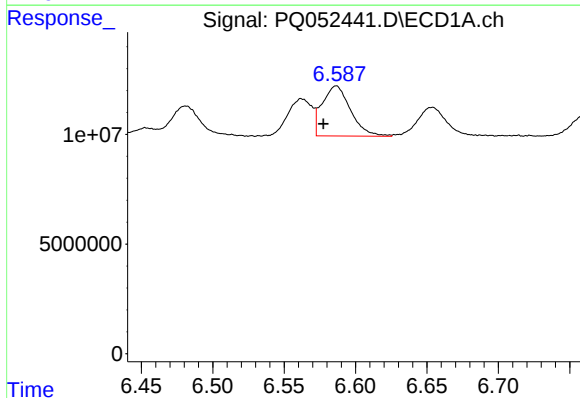
R.T.: 6.562 min
Delta R.T.: 0.010 min
Response: 19704289
Conc: 24.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



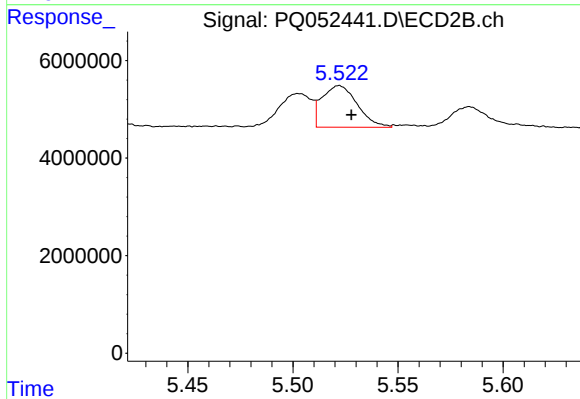
#3 AR-1016-1

R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 7407323
Conc: 24.05 ng/ml



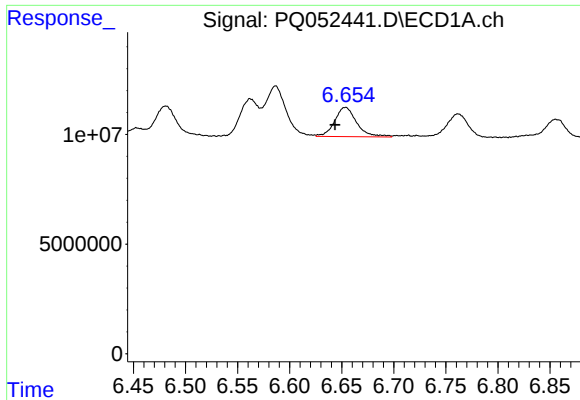
#4 AR-1016-2

R.T.: 6.586 min
Delta R.T.: 0.009 min
Response: 31460801
Conc: 26.65 ng/ml



#4 AR-1016-2

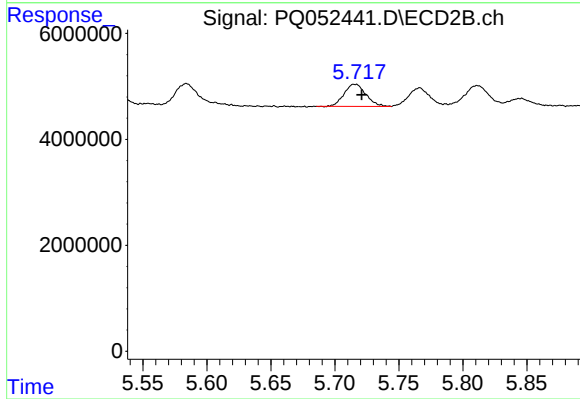
R.T.: 5.522 min
Delta R.T.: -0.006 min
Response: 9966165
Conc: 23.24 ng/ml



#5 AR-1016-3

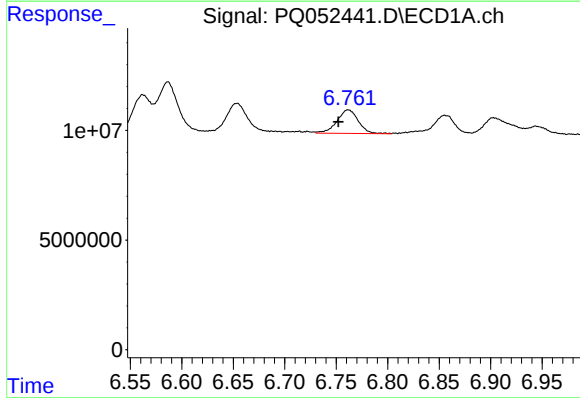
R.T.: 6.654 min
Delta R.T.: 0.010 min
Response: 19648720
Conc: 27.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



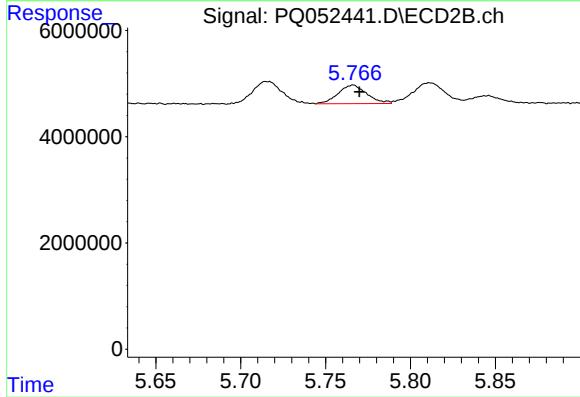
#5 AR-1016-3

R.T.: 5.717 min
Delta R.T.: -0.004 min
Response: 5000447
Conc: 22.83 ng/ml



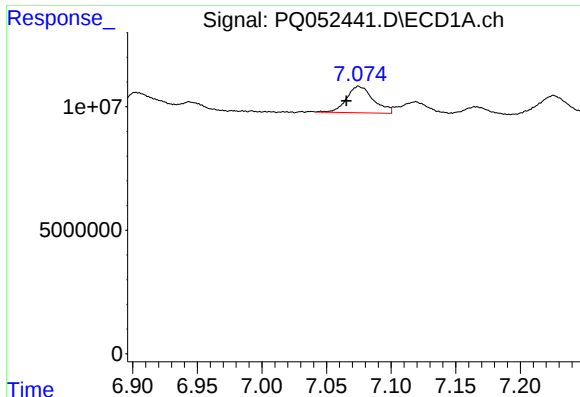
#6 AR-1016-4

R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 15619290
Conc: 25.95 ng/ml



#6 AR-1016-4

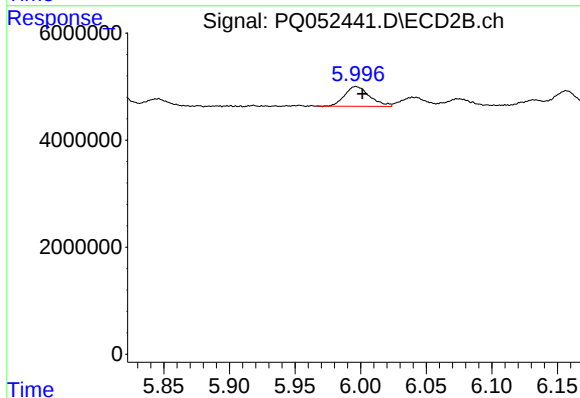
R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 4117694
Conc: 24.59 ng/ml



#7 AR-1016-5

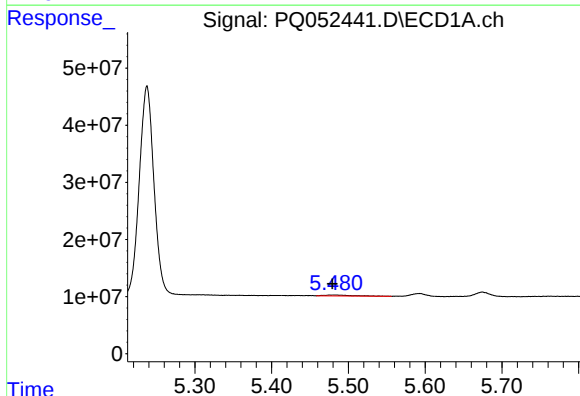
R.T.: 7.075 min
Delta R.T.: 0.009 min
Response: 15453711
Conc: 27.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



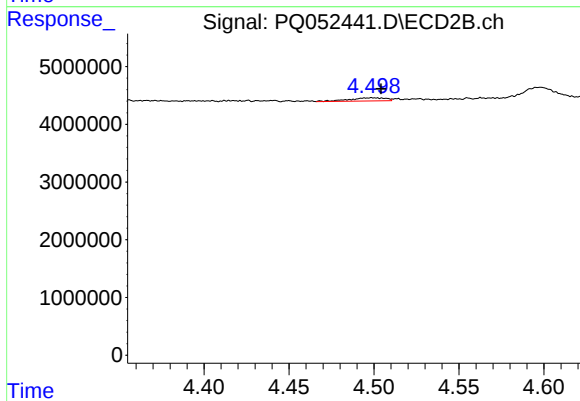
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 4926136
Conc: 23.07 ng/ml



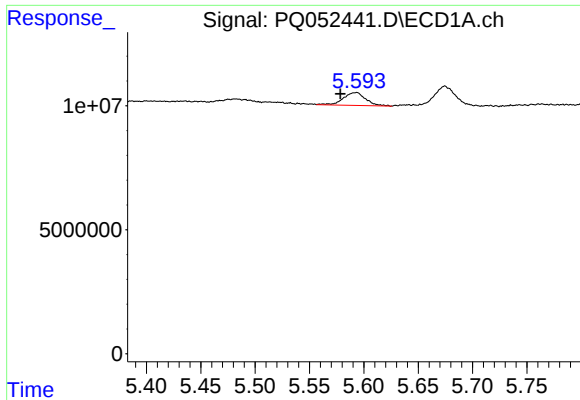
#8 AR-1221-1

R.T.: 5.482 min
Delta R.T.: 0.003 min
Response: 4418981
Conc: 17.33 ng/ml



#8 AR-1221-1

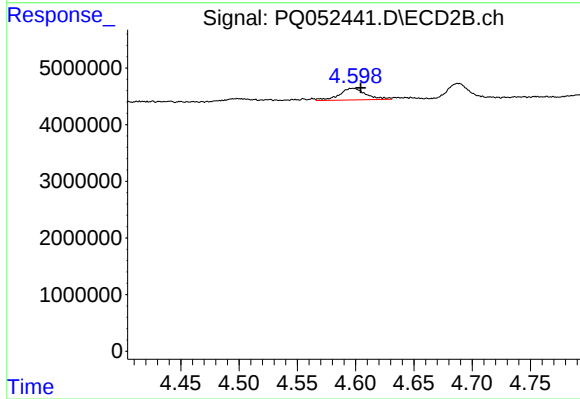
R.T.: 4.499 min
Delta R.T.: -0.005 min
Response: 819116
Conc: 9.06 ng/ml



#9 AR-1221-2

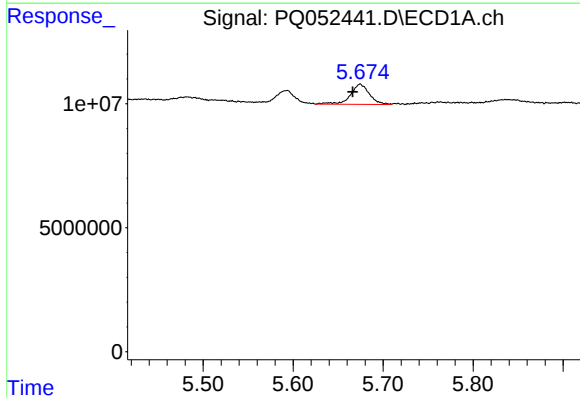
R.T.: 5.593 min
Delta R.T.: 0.015 min
Response: 7412551
Conc: 42.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



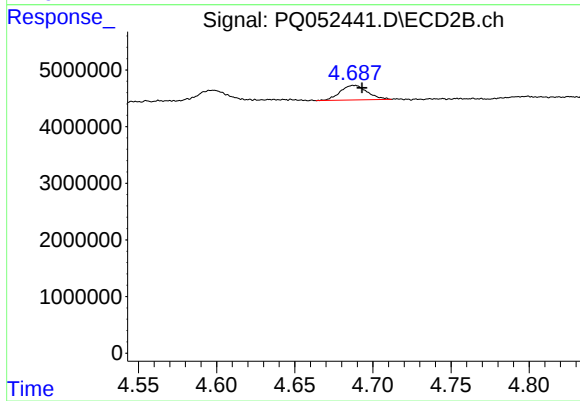
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.006 min
Response: 3263532
Conc: 51.58 ng/ml



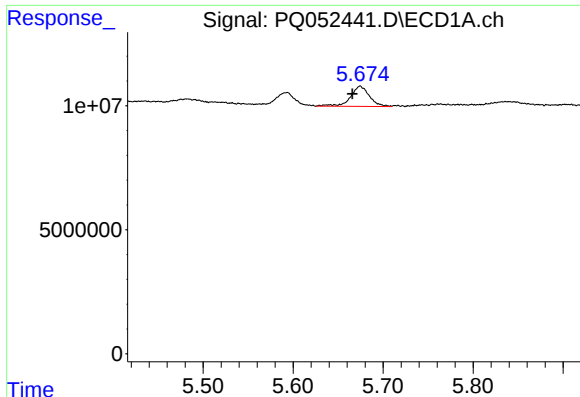
#10 AR-1221-3

R.T.: 5.674 min
Delta R.T.: 0.008 min
Response: 11829925
Conc: 20.09 ng/ml



#10 AR-1221-3

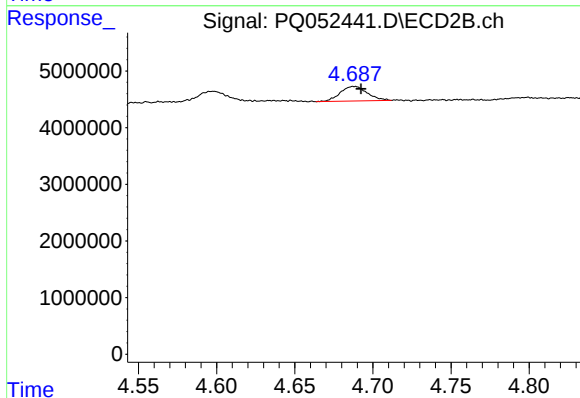
R.T.: 4.687 min
Delta R.T.: -0.006 min
Response: 3105907
Conc: 14.40 ng/ml



#11 AR-1232-1

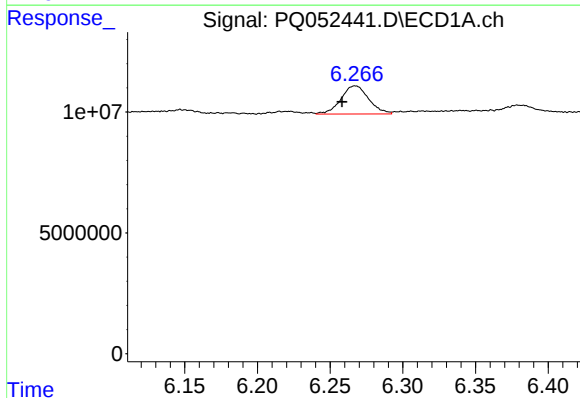
R.T.: 5.674 min
Delta R.T.: 0.009 min
Response: 11829925
Conc: 24.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



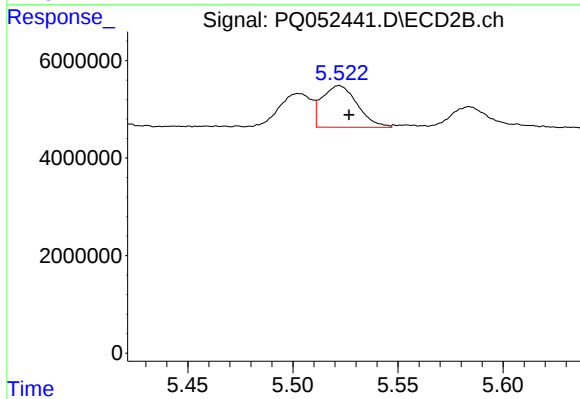
#11 AR-1232-1

R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 3105907
Conc: 17.18 ng/ml



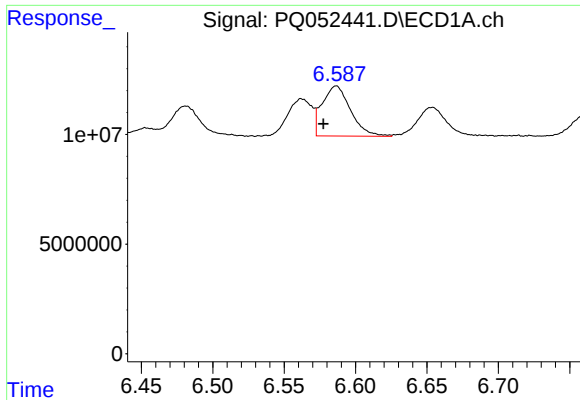
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: 0.009 min
Response: 15471902
Conc: 60.12 ng/ml



#12 AR-1232-2

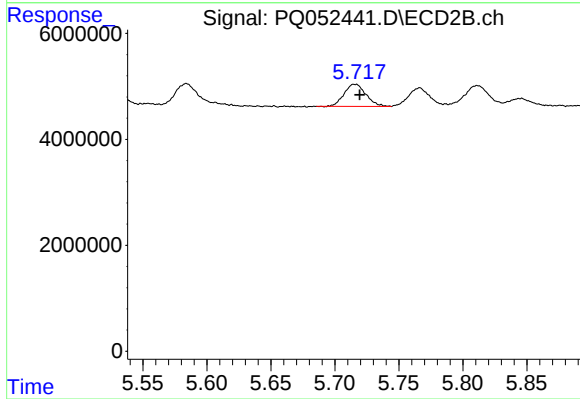
R.T.: 5.522 min
Delta R.T.: -0.005 min
Response: 9966165
Conc: 50.48 ng/ml



#13 AR-1232-3

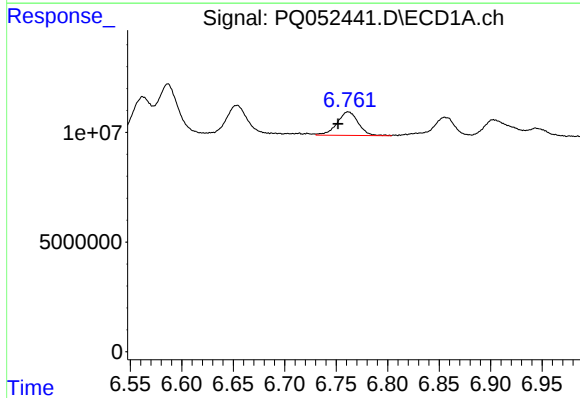
R.T.: 6.586 min
Delta R.T.: 0.009 min
Response: 31460801
Conc: 59.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



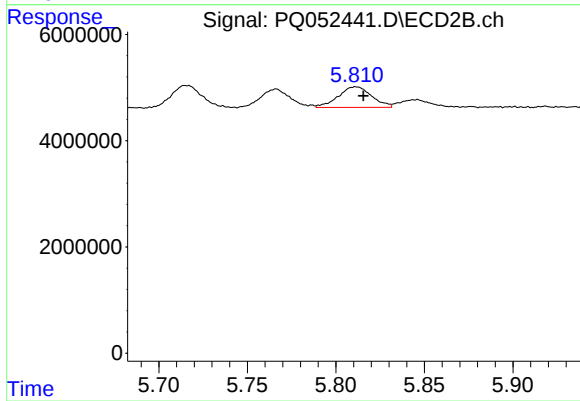
#13 AR-1232-3

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 5000447
Conc: 50.83 ng/ml



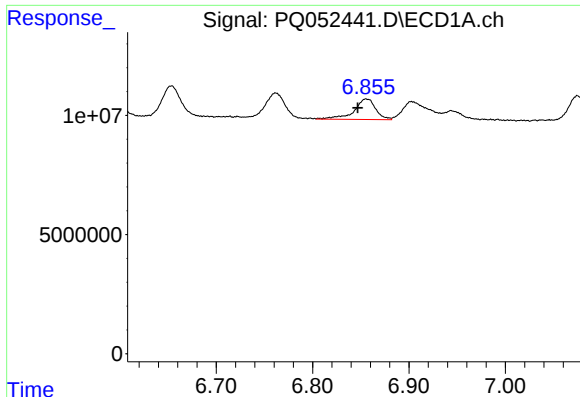
#14 AR-1232-4

R.T.: 6.762 min
Delta R.T.: 0.010 min
Response: 15619290
Conc: 59.58 ng/ml



#14 AR-1232-4

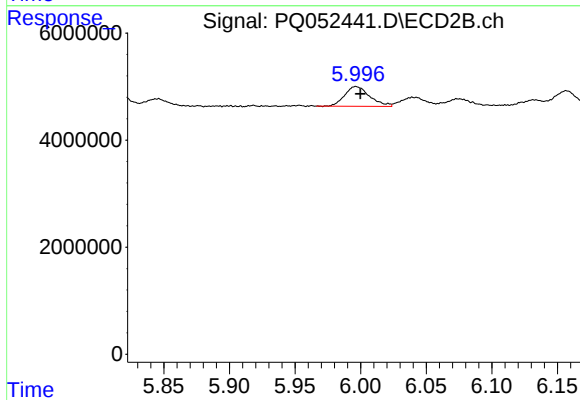
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 5114577
Conc: 61.79 ng/ml



#15 AR-1232-5

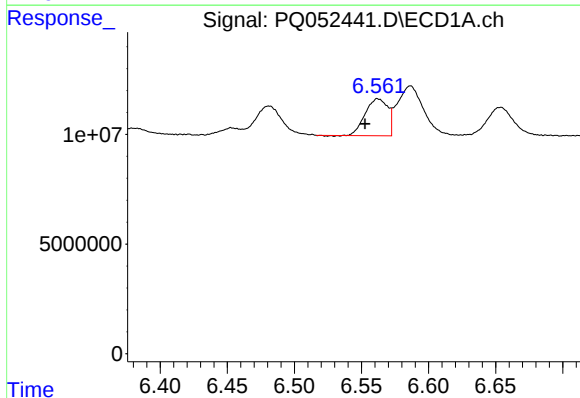
R.T.: 6.856 min
Delta R.T.: 0.009 min
Response: 13530201
Conc: 73.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



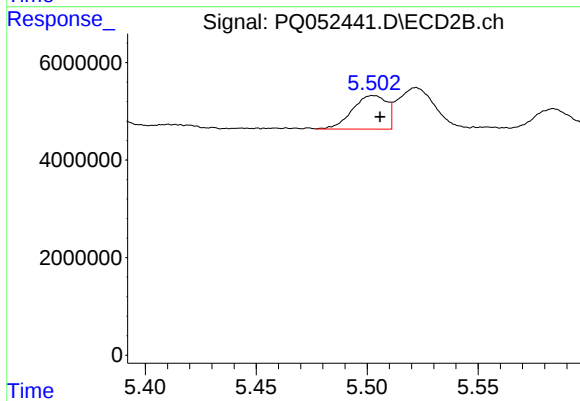
#15 AR-1232-5

R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 4926136
Conc: 55.37 ng/ml



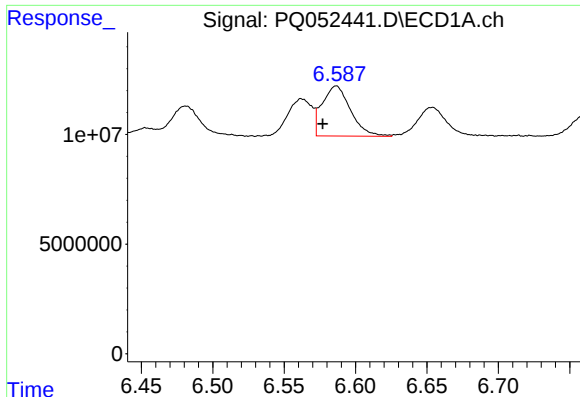
#16 AR-1242-1

R.T.: 6.562 min
Delta R.T.: 0.010 min
Response: 19704289
Conc: 28.67 ng/ml



#16 AR-1242-1

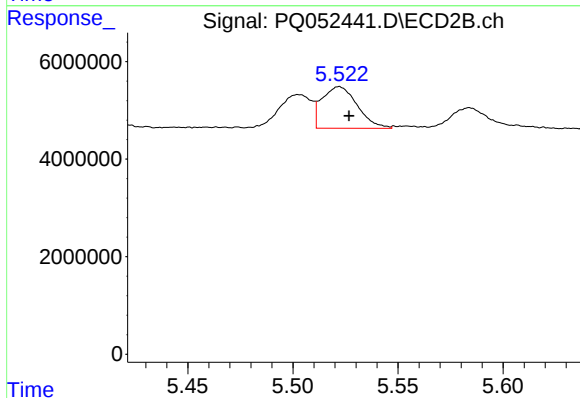
R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 7407323
Conc: 28.12 ng/ml



#17 AR-1242-2

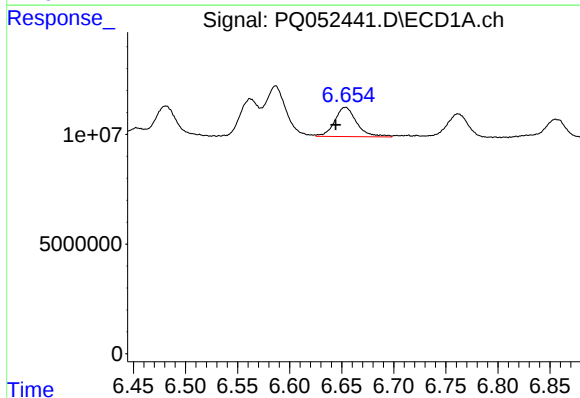
R.T.: 6.586 min
Delta R.T.: 0.009 min
Response: 31460801
Conc: 31.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



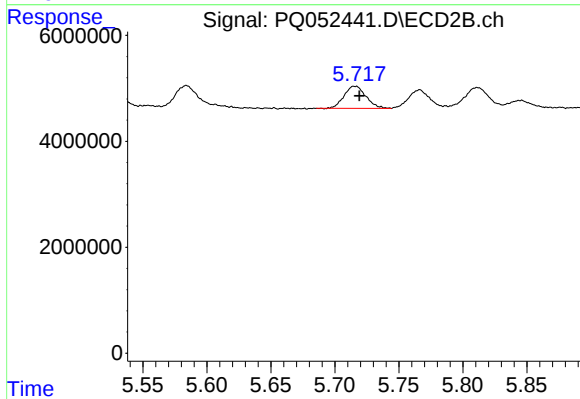
#17 AR-1242-2

R.T.: 5.522 min
Delta R.T.: -0.005 min
Response: 9966165
Conc: 27.12 ng/ml



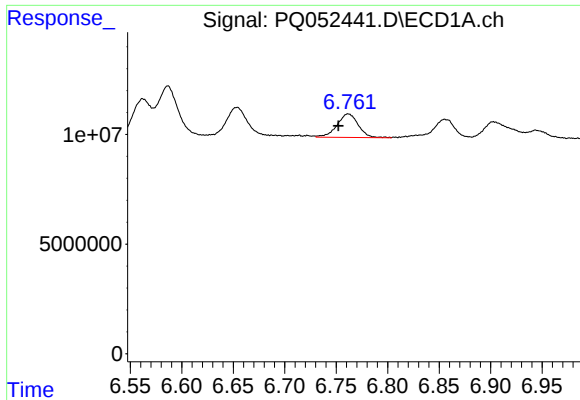
#18 AR-1242-3

R.T.: 6.654 min
Delta R.T.: 0.009 min
Response: 19648720
Conc: 32.36 ng/ml



#18 AR-1242-3

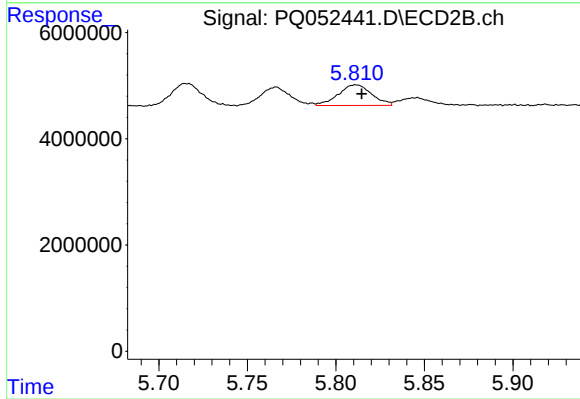
R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 5000447
Conc: 26.23 ng/ml



#19 AR-1242-4

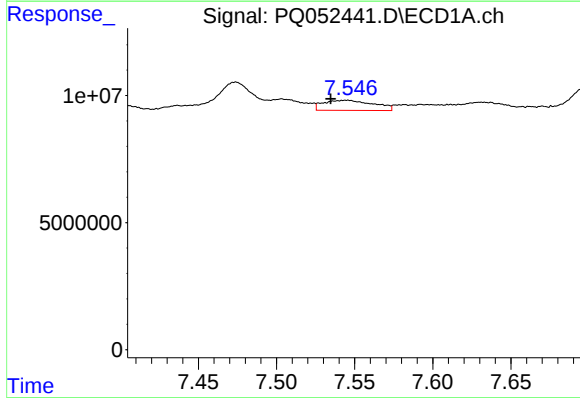
R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 15619290
Conc: 30.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



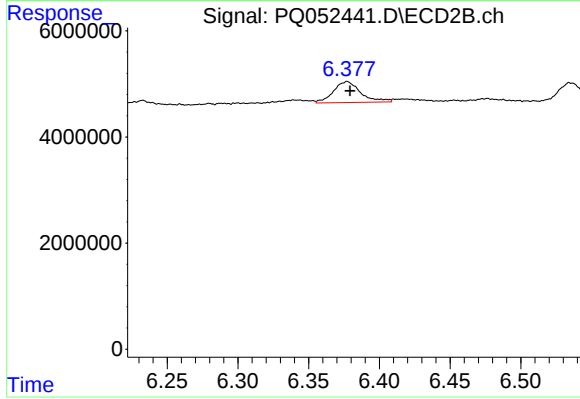
#19 AR-1242-4

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 5114577
Conc: 28.96 ng/ml



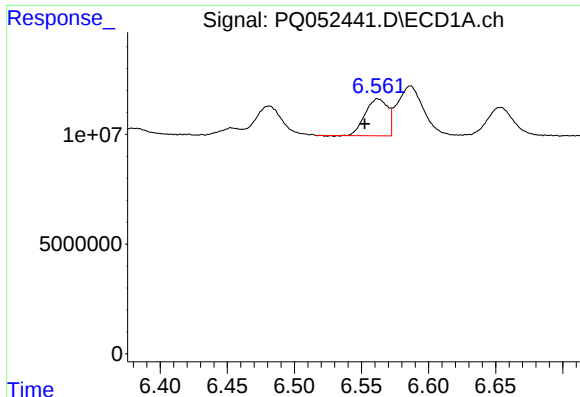
#20 AR-1242-5

R.T.: 7.545 min
Delta R.T.: 0.011 min
Response: 8937002
Conc: 15.84 ng/ml



#20 AR-1242-5

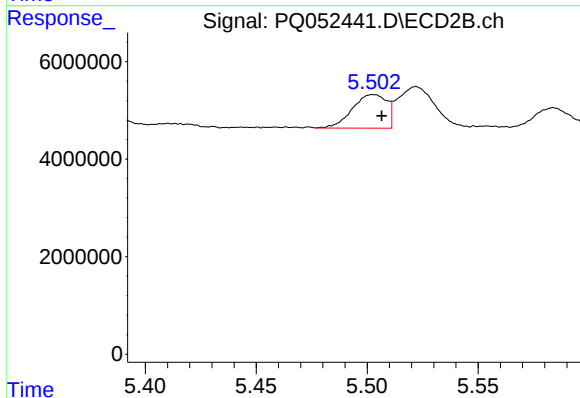
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 5329708
Conc: 21.26 ng/ml



#21 AR-1248-1

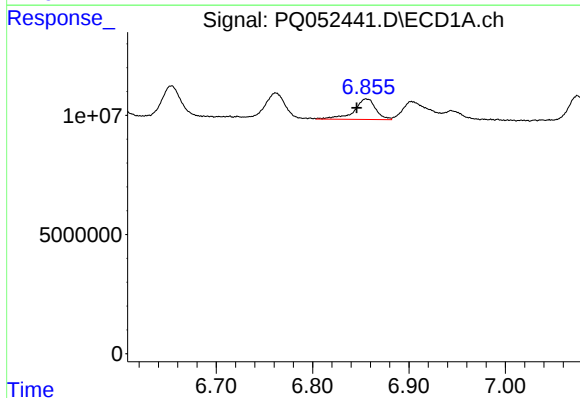
R.T.: 6.562 min
Delta R.T.: 0.010 min
Response: 19704289
Conc: 35.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



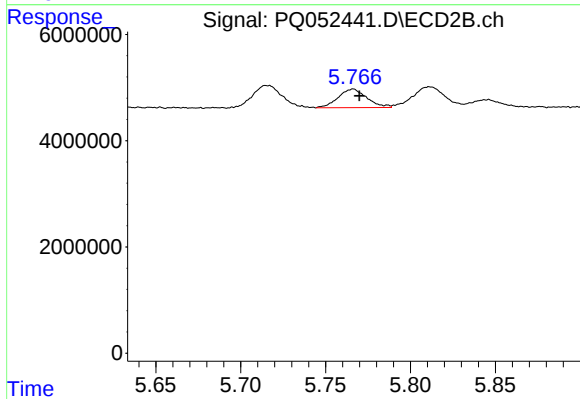
#21 AR-1248-1

R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 7407323
Conc: 36.02 ng/ml



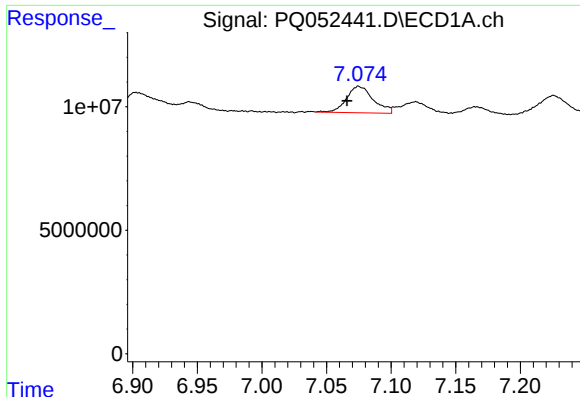
#22 AR-1248-2

R.T.: 6.856 min
Delta R.T.: 0.010 min
Response: 13530201
Conc: 17.60 ng/ml



#22 AR-1248-2

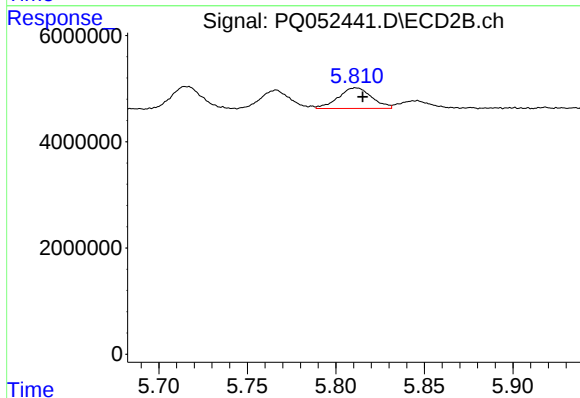
R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 4117694
Conc: 15.23 ng/ml



#23 AR-1248-3

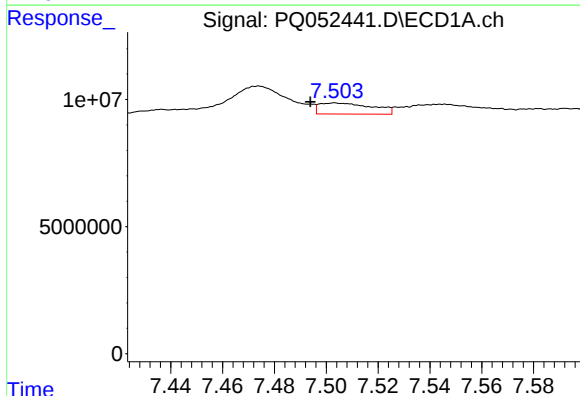
R.T.: 7.075 min
Delta R.T.: 0.009 min
Response: 15453711
Conc: 17.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



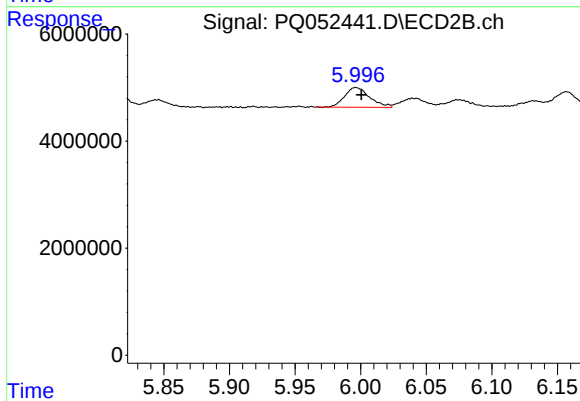
#23 AR-1248-3

R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 5114577
Conc: 18.34 ng/ml



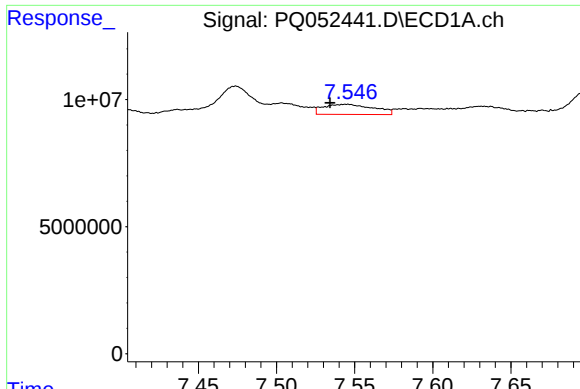
#24 AR-1248-4

R.T.: 7.503 min
Delta R.T.: 0.009 min
Response: 6215169
Conc: 5.98 ng/ml



#24 AR-1248-4

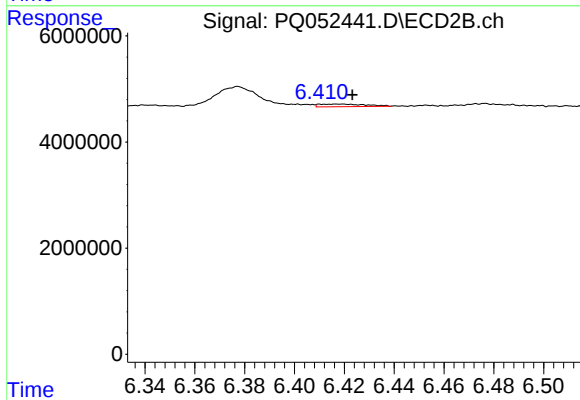
R.T.: 5.996 min
Delta R.T.: -0.004 min
Response: 4926136
Conc: 14.80 ng/ml



#25 AR-1248-5

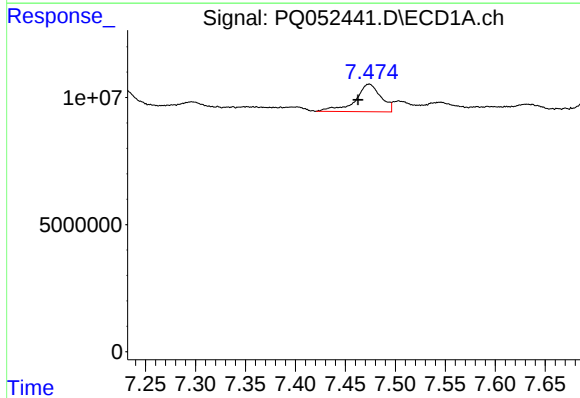
R.T.: 7.545 min
Delta R.T.: 0.011 min
Response: 8937002
Conc: 8.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



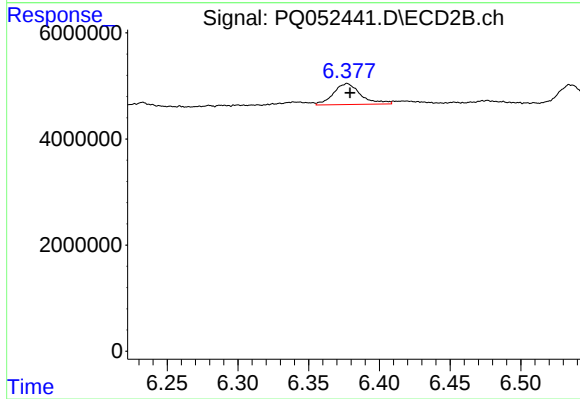
#25 AR-1248-5

R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 627817
Conc: 1.76 ng/ml



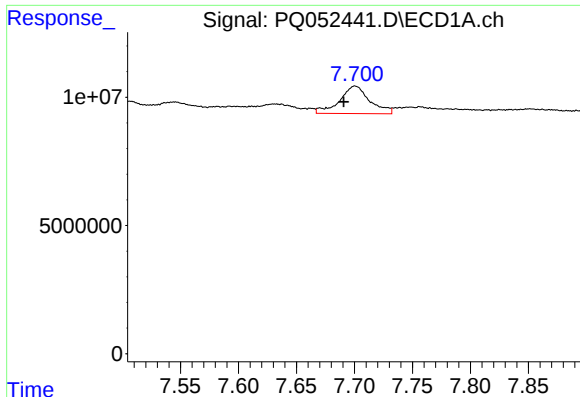
#26 AR-1254-1

R.T.: 7.474 min
Delta R.T.: 0.011 min
Response: 19439939
Conc: 19.57 ng/ml



#26 AR-1254-1

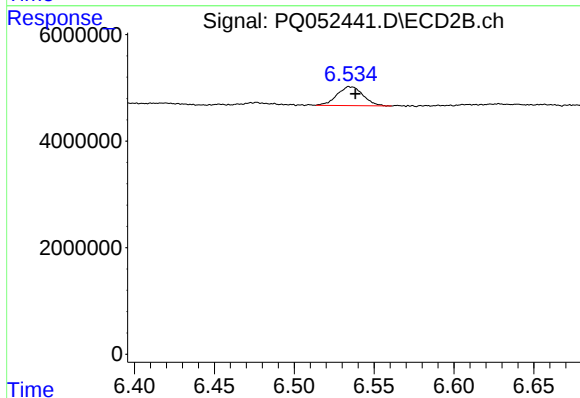
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 5329708
Conc: 9.99 ng/ml



#27 AR-1254-2

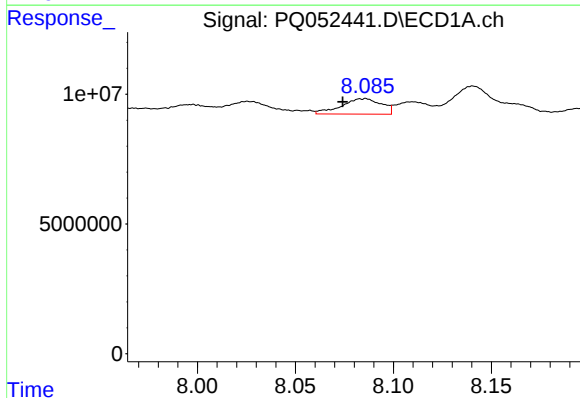
R.T.: 7.701 min
Delta R.T.: 0.010 min
Response: 19390146
Conc: 12.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



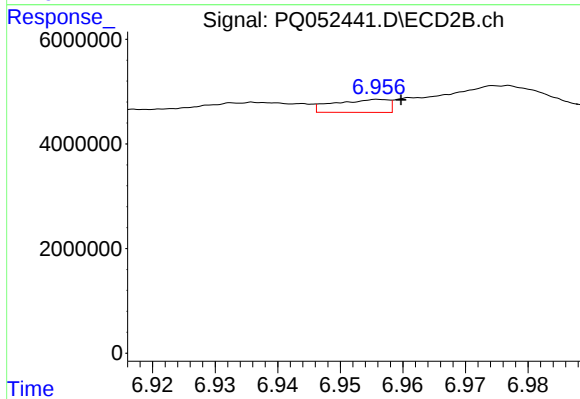
#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 4011460
Conc: 8.79 ng/ml



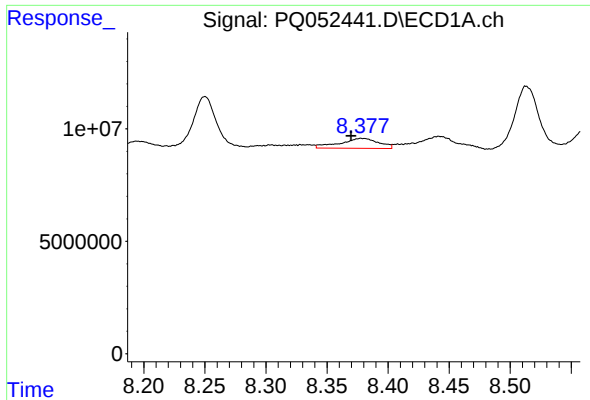
#28 AR-1254-3

R.T.: 8.085 min
Delta R.T.: 0.011 min
Response: 8509437
Conc: 5.03 ng/ml



#28 AR-1254-3

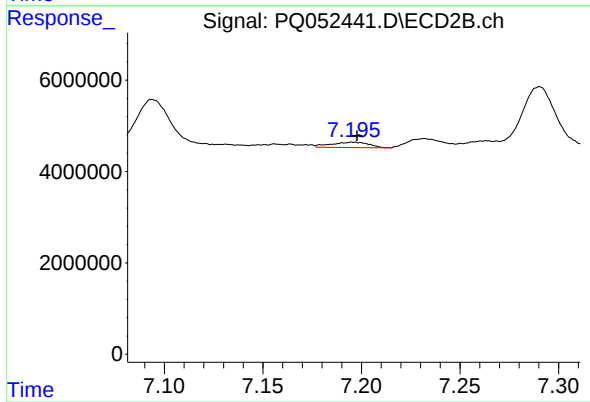
R.T.: 6.956 min
Delta R.T.: -0.003 min
Response: 1481198
Conc: 1.97 ng/ml



#29 AR-1254-4

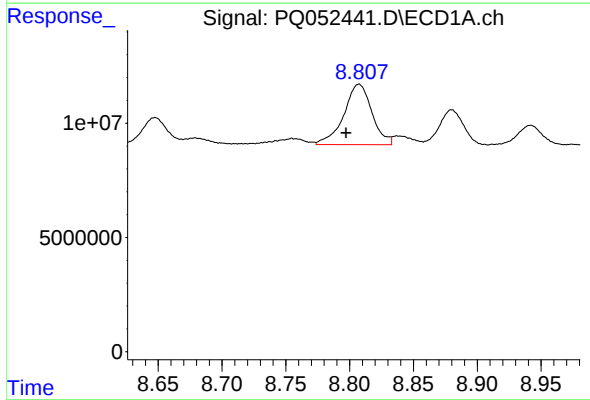
R.T.: 8.379 min
Delta R.T.: 0.009 min
Response: 9715896
Conc: 7.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



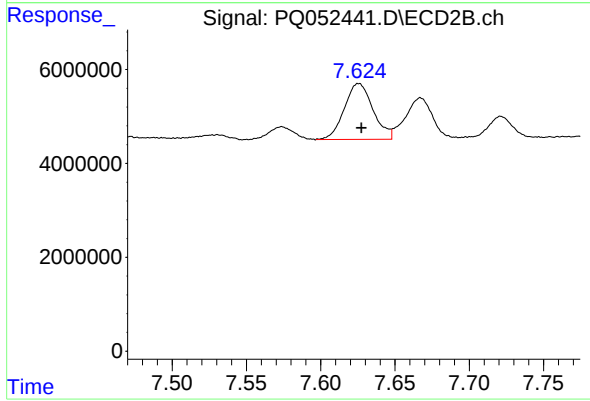
#29 AR-1254-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 1570670
Conc: 3.11 ng/ml



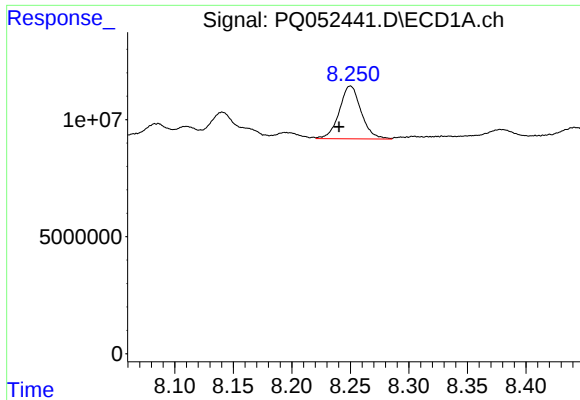
#30 AR-1254-5

R.T.: 8.807 min
Delta R.T.: 0.010 min
Response: 40638049
Conc: 30.24 ng/ml



#30 AR-1254-5

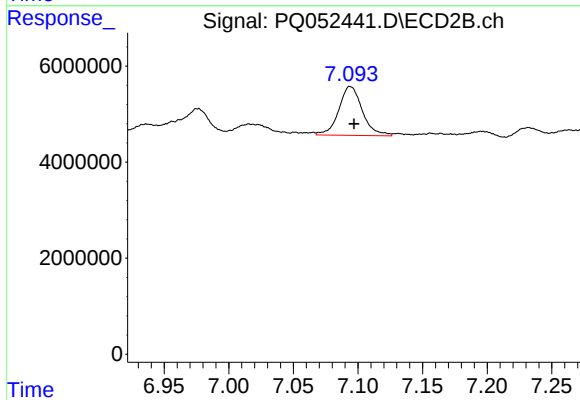
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 16018990
Conc: 23.55 ng/ml



#31 AR-1260-1

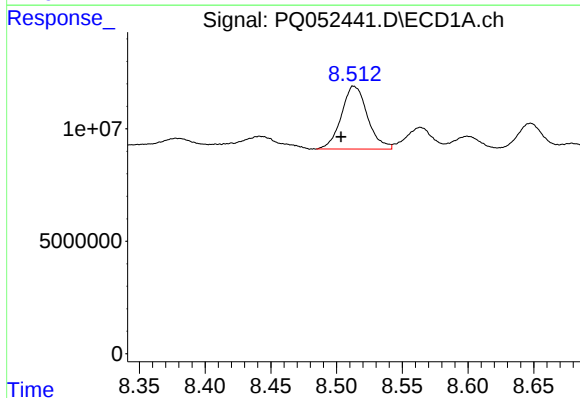
R.T.: 8.250 min
Delta R.T.: 0.010 min
Response: 29279622
Conc: 29.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



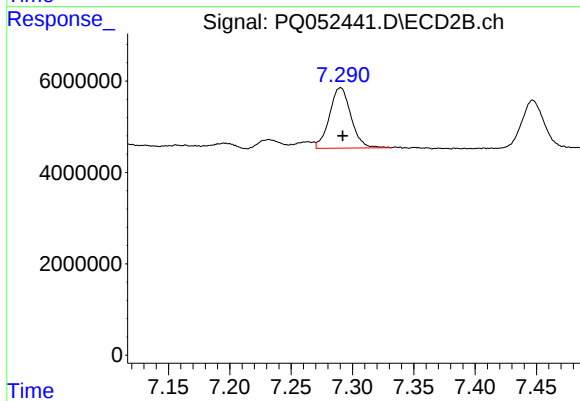
#31 AR-1260-1

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 12952493
Conc: 31.62 ng/ml



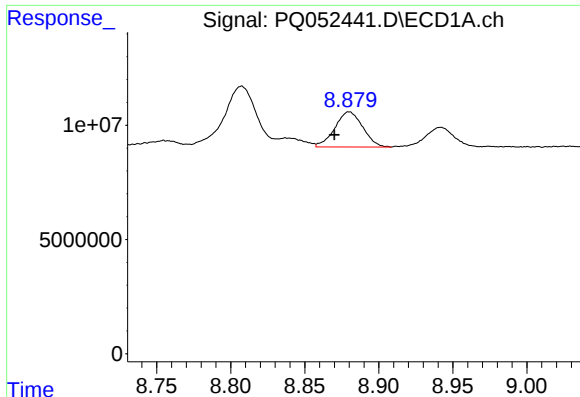
#32 AR-1260-2

R.T.: 8.513 min
Delta R.T.: 0.010 min
Response: 38765280
Conc: 31.56 ng/ml



#32 AR-1260-2

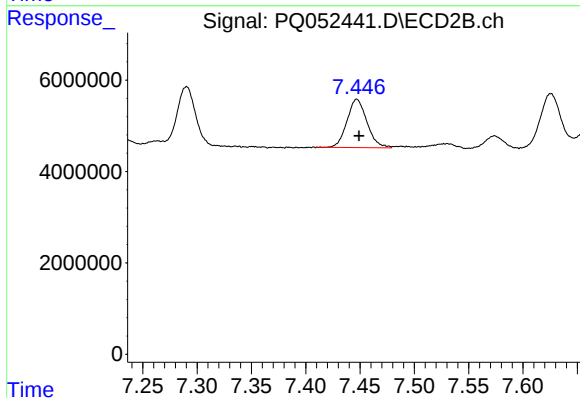
R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 16126745
Conc: 30.37 ng/ml



#33 AR-1260-3

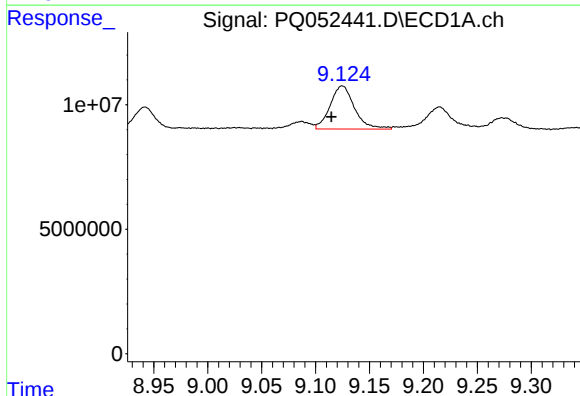
R.T.: 8.880 min
Delta R.T.: 0.010 min
Response: 20127896
Conc: 22.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



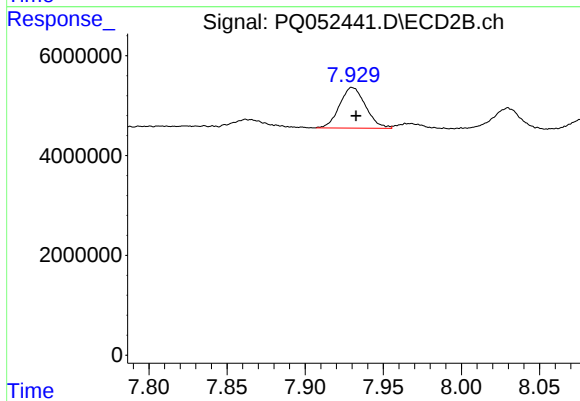
#33 AR-1260-3

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 13581873
Conc: 28.42 ng/ml



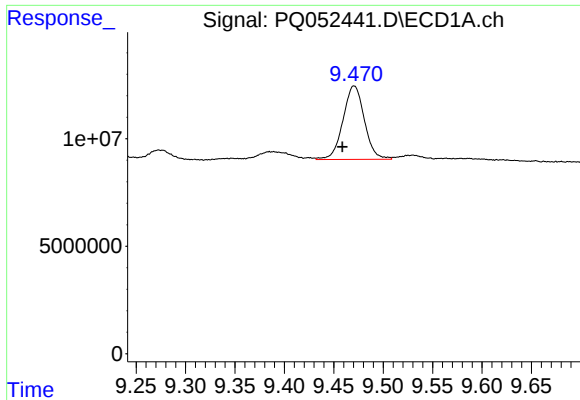
#34 AR-1260-4

R.T.: 9.125 min
Delta R.T.: 0.010 min
Response: 27370050
Conc: 25.40 ng/ml



#34 AR-1260-4

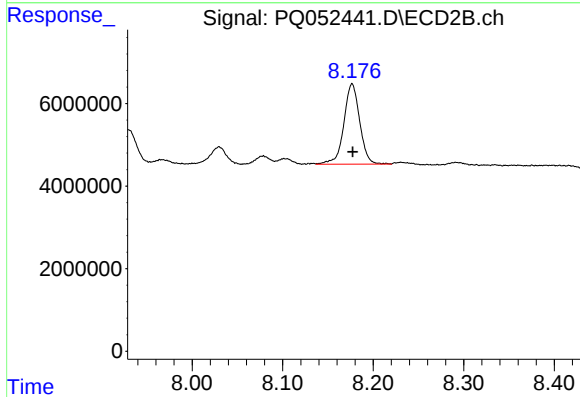
R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 9443955
Conc: 23.32 ng/ml



#35 AR-1260-5

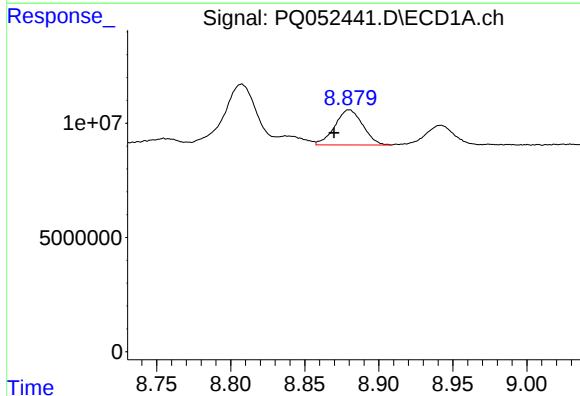
R.T.: 9.471 min
Delta R.T.: 0.012 min
Response: 51546413
Conc: 22.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



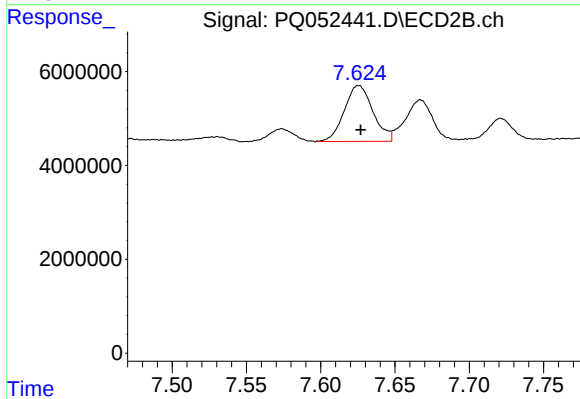
#35 AR-1260-5

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 23713667
Conc: 22.02 ng/ml



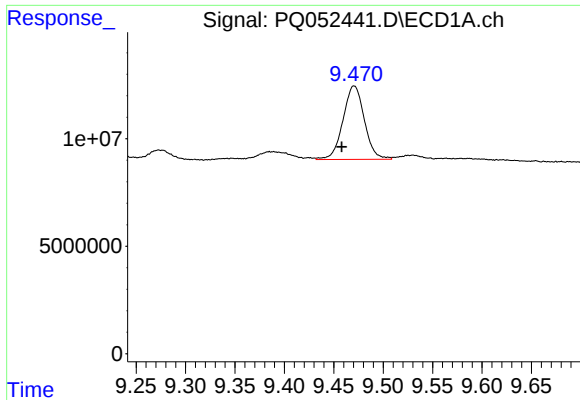
#36 AR-1262-1

R.T.: 8.880 min
Delta R.T.: 0.010 min
Response: 20127896
Conc: 12.78 ng/ml



#36 AR-1262-1

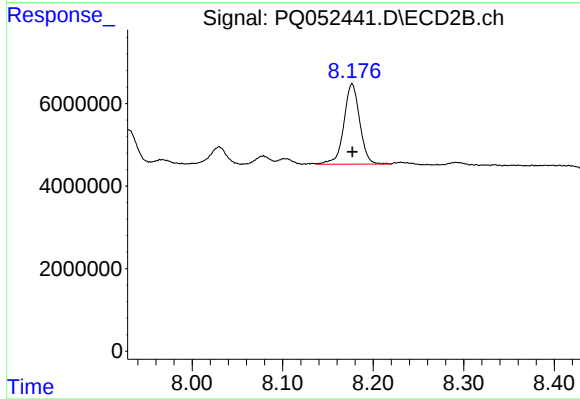
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 16018990
Conc: 46.39 ng/ml



#37 AR-1262-2

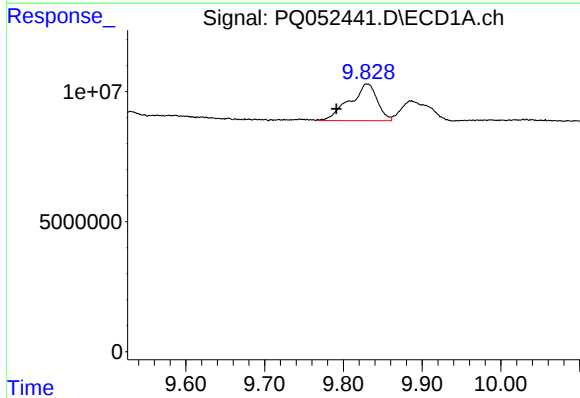
R.T.: 9.471 min
Delta R.T.: 0.012 min
Response: 51546413
Conc: 17.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



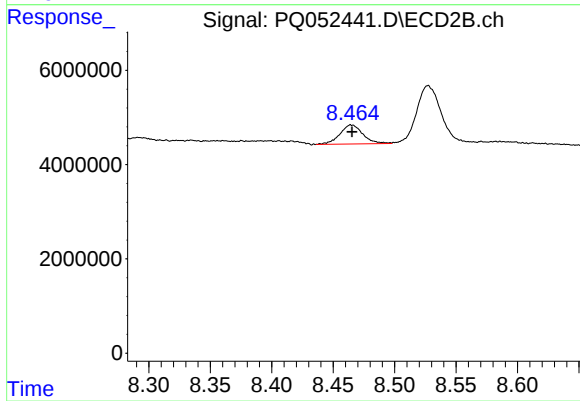
#37 AR-1262-2

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 23713667
Conc: 17.68 ng/ml



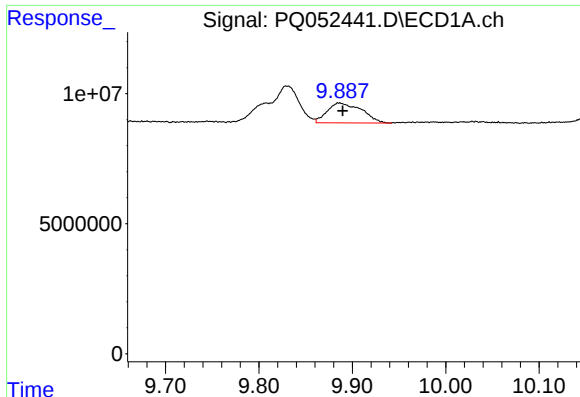
#38 AR-1262-3

R.T.: 9.830 min
Delta R.T.: 0.039 min
Response: 34548079
Conc: 17.36 ng/ml



#38 AR-1262-3

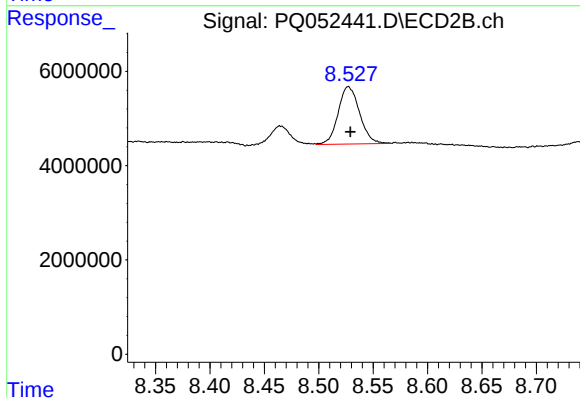
R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 5241801
Conc: 10.03 ng/ml



#39 AR-1262-4

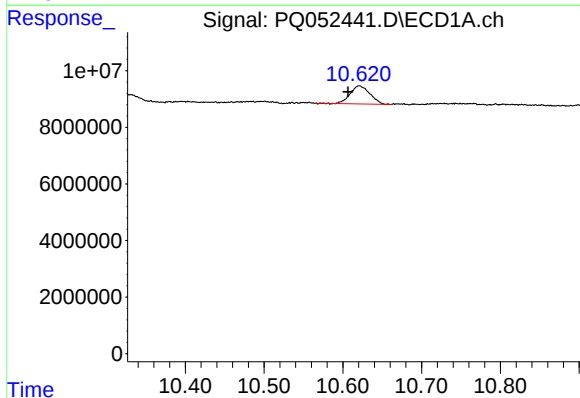
R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 19572389
Conc: 12.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



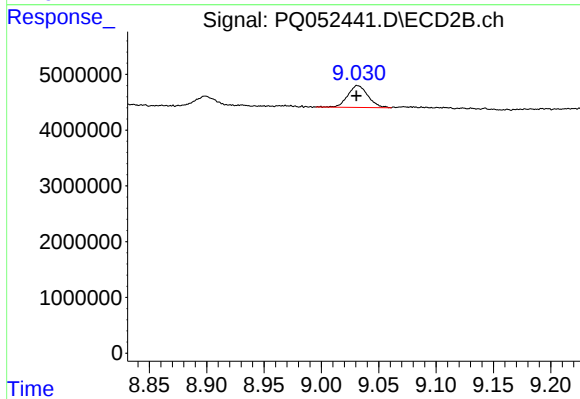
#39 AR-1262-4

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 16647688
Conc: 17.04 ng/ml



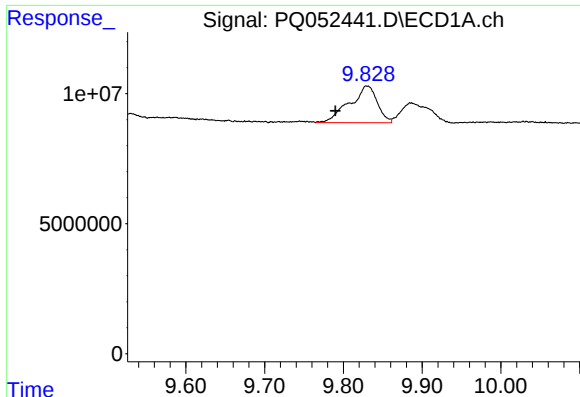
#40 AR-1262-5

R.T.: 10.621 min
Delta R.T.: 0.014 min
Response: 11128605
Conc: 10.23 ng/ml



#40 AR-1262-5

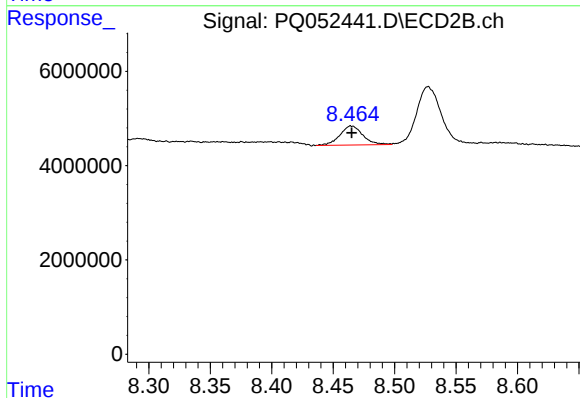
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 4801427
Conc: 10.59 ng/ml



#41 AR-1268-1

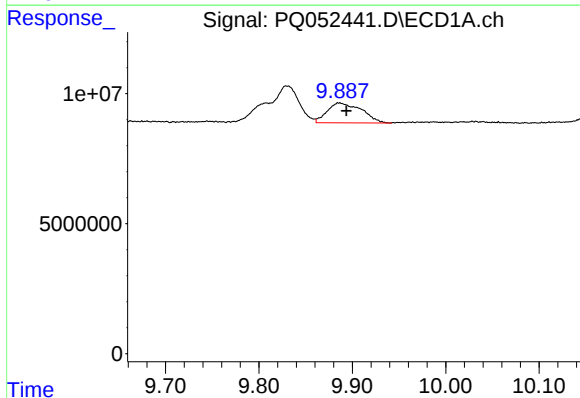
R.T.: 9.830 min
Delta R.T.: 0.040 min
Response: 34548079
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



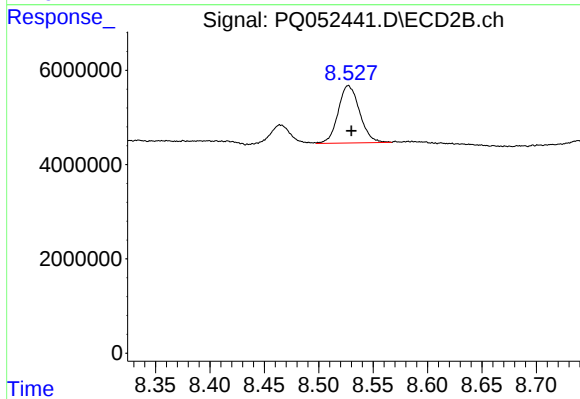
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 5241801
Conc: 3.25 ng/ml



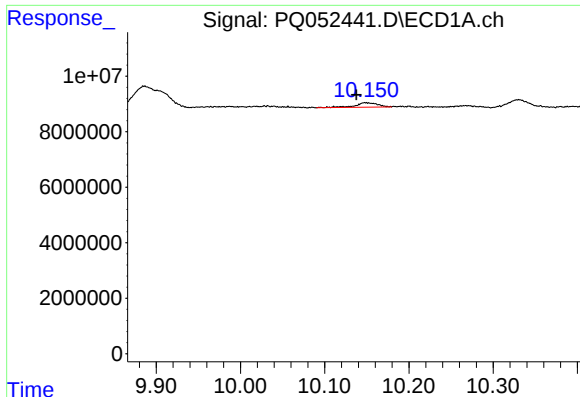
#42 AR-1268-2

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 19572389
Conc: 5.96 ng/ml



#42 AR-1268-2

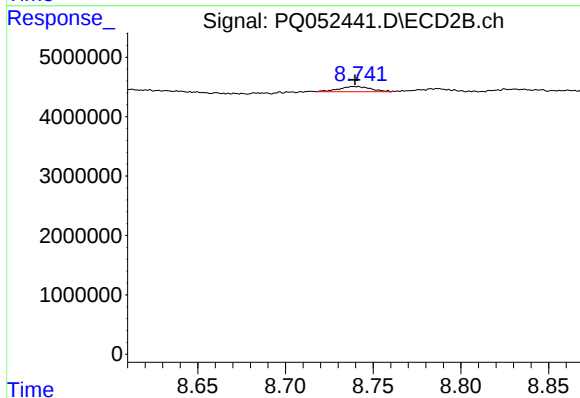
R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 16647688
Conc: 11.17 ng/ml



#43 AR-1268-3

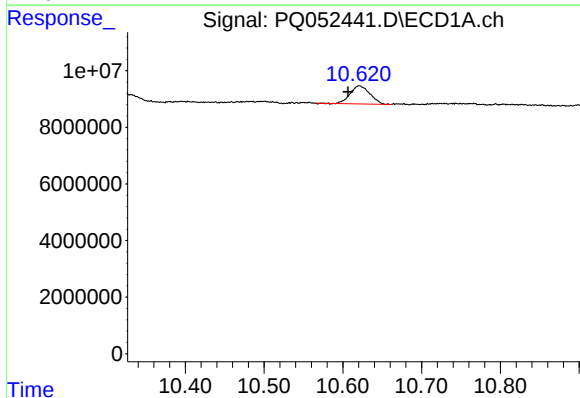
R.T.: 10.148 min
Delta R.T.: 0.010 min
Response: 2976369
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



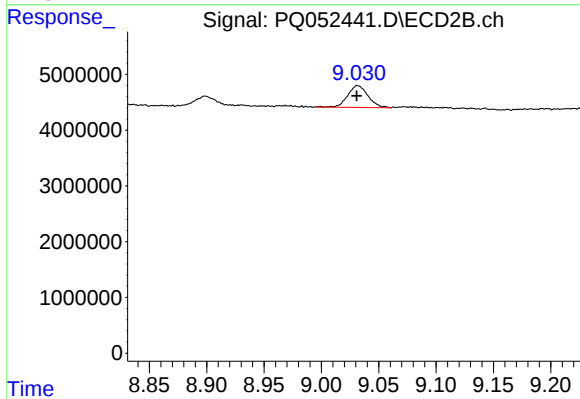
#43 AR-1268-3

R.T.: 8.742 min
Delta R.T.: 0.002 min
Response: 1096449
Conc: 0.87 ng/ml



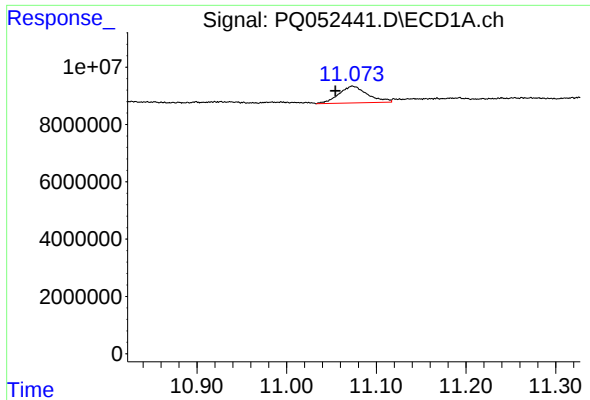
#44 AR-1268-4

R.T.: 10.621 min
Delta R.T.: 0.014 min
Response: 11128605
Conc: 9.13 ng/ml



#44 AR-1268-4

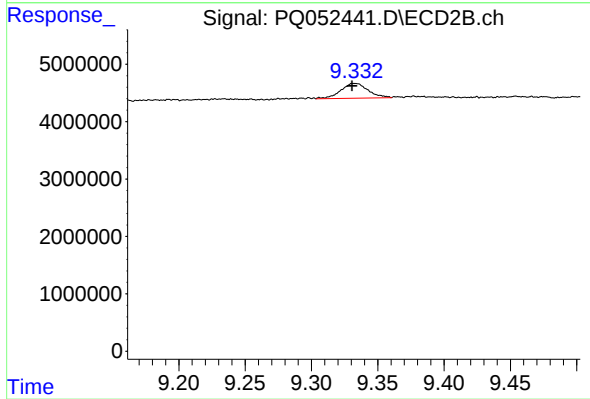
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 4801427
Conc: 9.19 ng/ml



#45 AR-1268-5

R.T.: 11.073 min
Delta R.T.: 0.019 min
Response: 13103816
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.333 min
Delta R.T.: 0.002 min
Response: 3690013
Conc: 0.92 ng/ml