

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030320\
 Data File : PQ046722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2020 20:57
 Operator : AJ\MA
 Sample : L1767-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 S4-03-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 07:08:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 13:47:31 2020
 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...	5.180	4.326	329.4E6	163.8E6	21.678	21.548
2)	SA Decachlor...	11.314	9.744	114.9E6	103.3E6	14.113	14.917
Target Compounds							
3)	L1 AR-1016-1	6.522	0.000	6000197	0	10.921	N.D. #
4)	L1 AR-1016-2	6.522	0.000	6000197	0	7.452	N.D. #
5)	L1 AR-1016-3	0.000	5.821	0	7135713	N.D.	38.494 #
6)	L1 AR-1016-4	6.668	5.872	45634975	63869818	114.870	424.468 #
7)	L1 AR-1016-5	7.011	6.106	84406578	22990868	225.020	112.257 #
8)	L2 AR-1221-1	0.000	4.578	0	9090041	N.D.	133.060 #
9)	L2 AR-1221-2	5.532	4.691	3069057	15398610	28.177	307.000 #
10)	L2 AR-1221-3	5.629	4.783	2815102	4300067	8.406	25.984 #
11)	L3 AR-1232-1	5.629	4.783	2815102	4300067	10.424	32.380 #
13)	L3 AR-1232-3	6.522	5.821	6000197	7135713	20.595	111.605 #
14)	L3 AR-1232-4	6.668	5.918	45634975	21513613	320.681	355.888
15)	L3 AR-1232-5	6.792	6.106	109.3E6	22990868	1038.770	341.882 #
16)	L4 AR-1242-1	6.522	0.000	6000197	0	16.633	N.D. #
17)	L4 AR-1242-2	6.522	0.000	6000197	0	11.139	N.D. #
18)	L4 AR-1242-3	0.000	5.821	0	7135713	N.D.	57.085 #
19)	L4 AR-1242-4	6.668	5.918	45634975	21513613	172.654	170.073
20)	L4 AR-1242-5	7.481	6.489	201.3E6	439.1E6	701.606	2669.742 #
21)	L5 AR-1248-1	6.522	0.000	6000197	0	21.376	N.D. #
22)	L5 AR-1248-2	6.792	5.872	109.3E6	63869818	291.957	369.619 #
23)	L5 AR-1248-3	7.011	5.918	84406578	21513613	204.400	118.164 #
24)	L5 AR-1248-4	7.439	6.106	264.3E6	22990868	554.717	104.090 #
25)	L5 AR-1248-5	7.481	6.532	201.3E6	56428456	437.048	255.985 #
26)	L6 AR-1254-1	7.410	6.489	549.3E6	439.1E6	1173.591	1241.743
27)	L6 AR-1254-2	7.638	6.646	1217.6E6	581.6E6	1711.891	1902.063
28)	L6 AR-1254-3	8.022	7.073	1710.7E6	1309.1E6	2359.066	2553.840
29)	L6 AR-1254-4	8.316	7.311	1553.5E6	965.7E6	2926.768	3065.745
30)	L6 AR-1254-5	8.747	7.745	1761.6E6	1636.0E6	3438.533	3725.487
31)	L7 AR-1260-1	8.190	7.208	708.6E6	637.5E6	1202.624	1673.155 #
32)	L7 AR-1260-2	8.453	7.404	1149.1E6	635.0E6	1669.043	1377.492
33)	L7 AR-1260-3	8.812	7.563	239.8E6	591.2E6	472.719	1371.871 #
34)	L7 AR-1260-4	9.050	8.049	696.7E6	106.4E6	1290.950	292.462 #
35)	L7 AR-1260-5	9.399	8.294	264.6E6	195.0E6	254.226	214.916
36)	L8 AR-1262-1	8.812	7.745	239.8E6	1636.0E6	363.275	6688.381 #
37)	L8 AR-1262-2	9.399	8.294	264.6E6	195.0E6	252.891	216.387
38)	L8 AR-1262-3	9.747	8.584	195.9E6	18451570	289.488	55.506 #
39)	L8 AR-1262-4	9.799	8.648	66466103	222.1E6	126.138	342.901 #
40)	L8 AR-1262-5	10.516	9.162	19942583	14280666	59.365	51.702
41)	L9 AR-1268-1	9.747	8.584	195.9E6	18451570	159.701	17.487 #
42)	L9 AR-1268-2	9.799	8.648	66466103	222.1E6	57.176	225.978 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030320\
 Data File : PQ046722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2020 20:57
 Operator : AJ\MA
 Sample : L1767-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

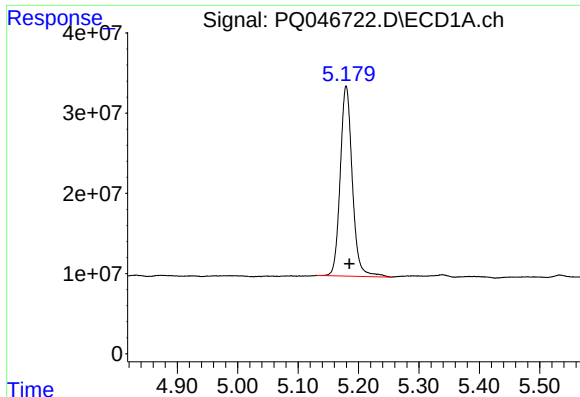
Instrument :
 ECD_Q
 ClientSampleId :
 S4-03-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 07:08:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 13:47:31 2020
 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
43) L9	AR-1268-3	10.064	8.860	7463854	8375384	7.957	10.666 #
44) L9	AR-1268-4	10.516	9.162	19942583	14280666	51.144	44.588
45) L9	AR-1268-5	10.956	9.470	22913781	15523695	8.158	6.139

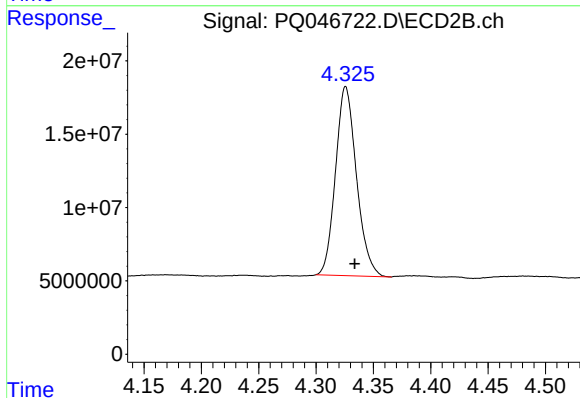
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

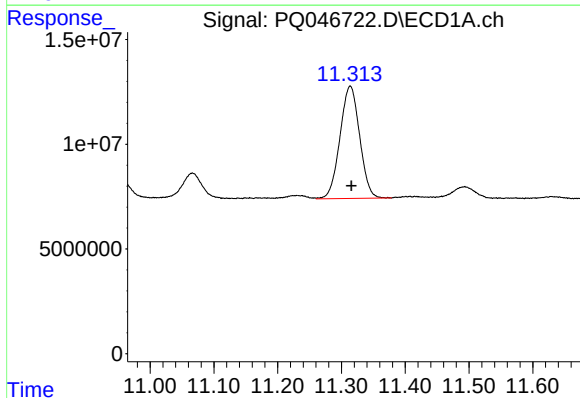
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 329380902
Conc: 21.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



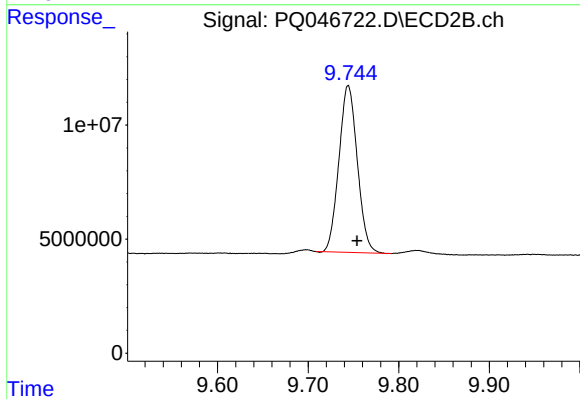
#1 Tetrachloro-m-xylene

R.T.: 4.326 min
Delta R.T.: -0.008 min
Response: 163835677
Conc: 21.55 ng/ml



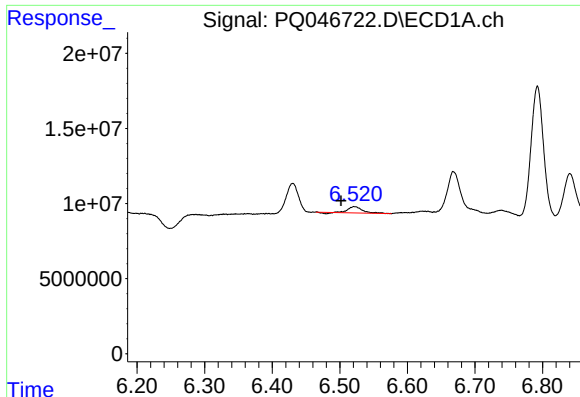
#2 Decachlorobiphenyl

R.T.: 11.314 min
Delta R.T.: -0.002 min
Response: 114887368
Conc: 14.11 ng/ml



#2 Decachlorobiphenyl

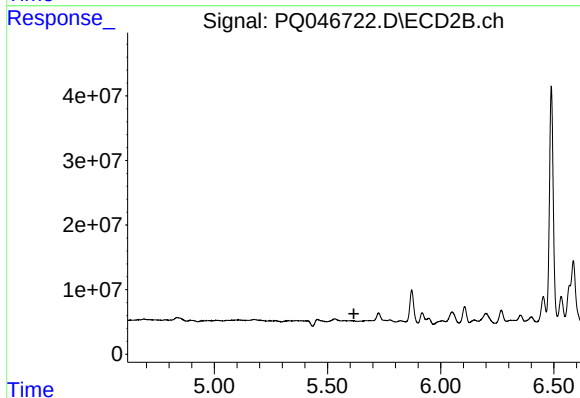
R.T.: 9.744 min
Delta R.T.: -0.010 min
Response: 103326668
Conc: 14.92 ng/ml



#3 AR-1016-1

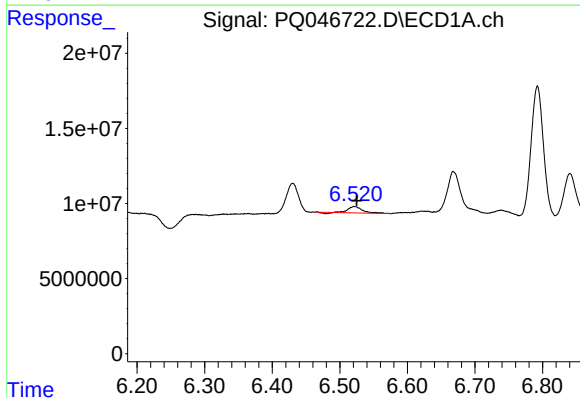
R.T.: 6.522 min
Delta R.T.: 0.020 min
Response: 6000197
Conc: 10.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



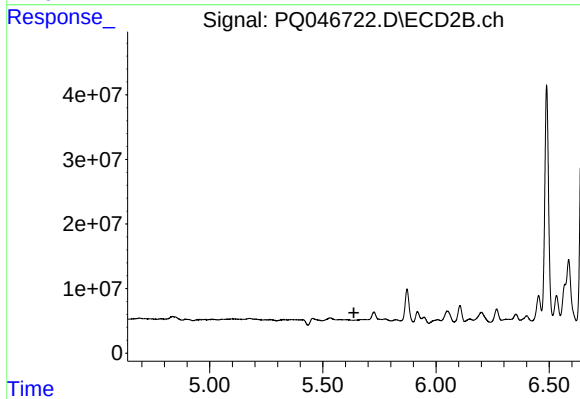
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.617 min
Response: 0
Conc: N.D.



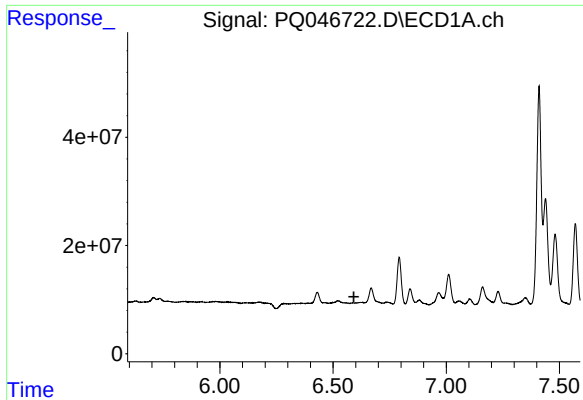
#4 AR-1016-2

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 6000197
Conc: 7.45 ng/ml



#4 AR-1016-2

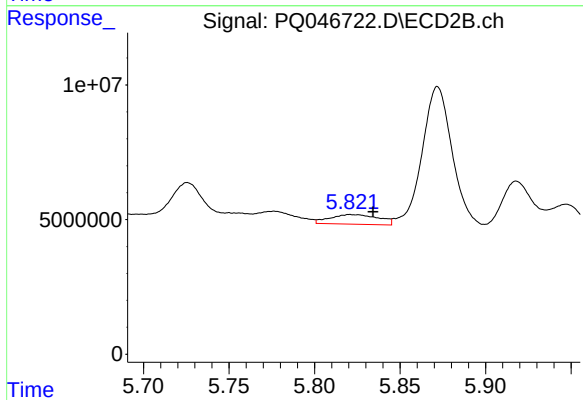
R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



#5 AR-1016-3

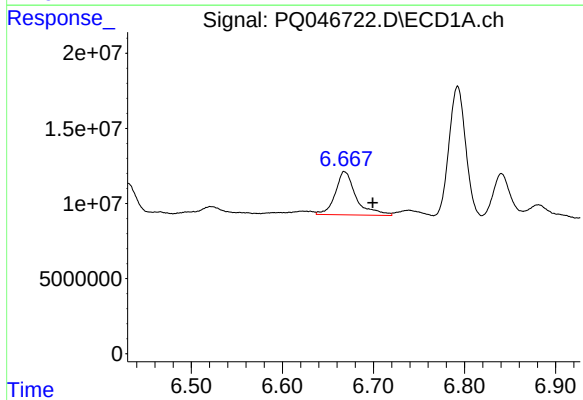
R.T.: 0.000 min
Exp R.T.: 6.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



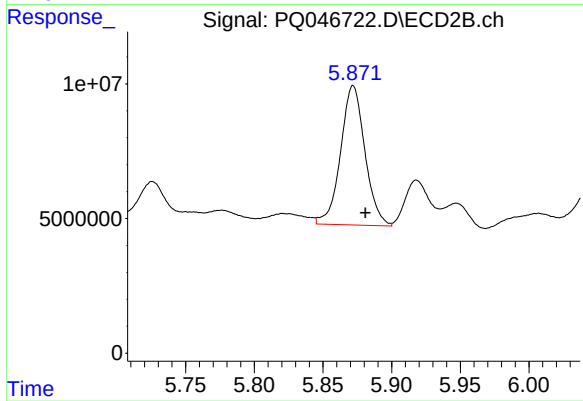
#5 AR-1016-3

R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 7135713
Conc: 38.49 ng/ml



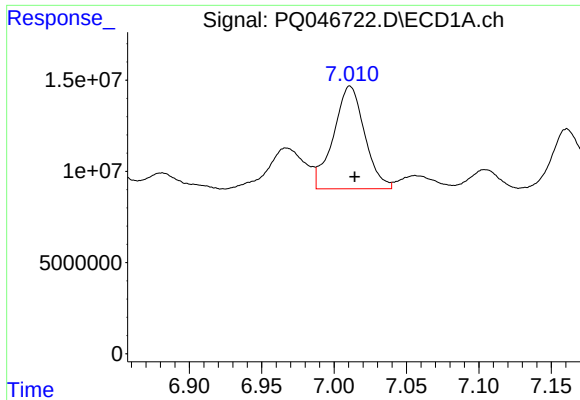
#6 AR-1016-4

R.T.: 6.668 min
Delta R.T.: -0.031 min
Response: 45634975
Conc: 114.87 ng/ml



#6 AR-1016-4

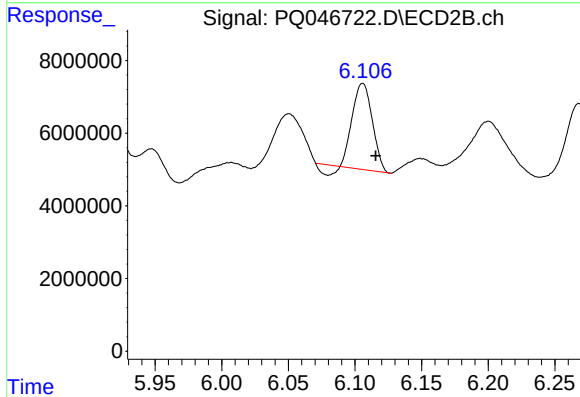
R.T.: 5.872 min
Delta R.T.: -0.009 min
Response: 63869818
Conc: 424.47 ng/ml



#7 AR-1016-5

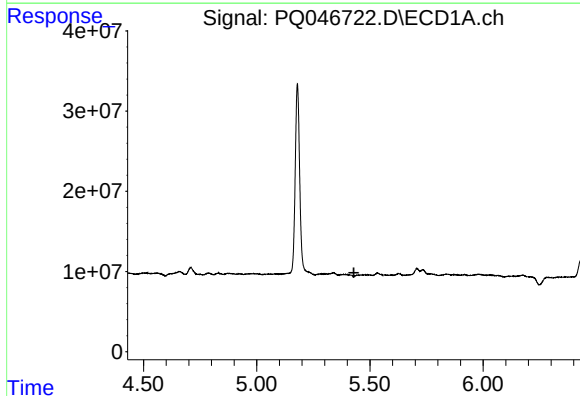
R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 84406578
Conc: 225.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



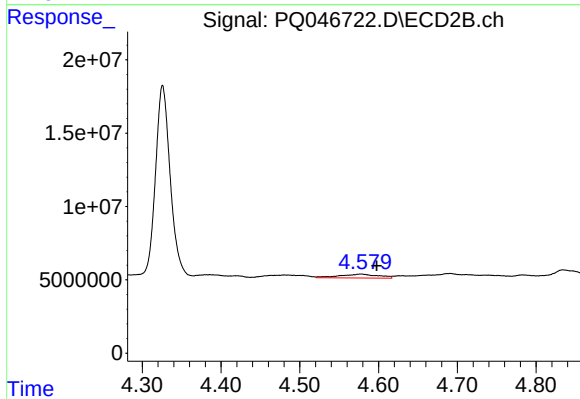
#7 AR-1016-5

R.T.: 6.106 min
Delta R.T.: -0.010 min
Response: 22990868
Conc: 112.26 ng/ml



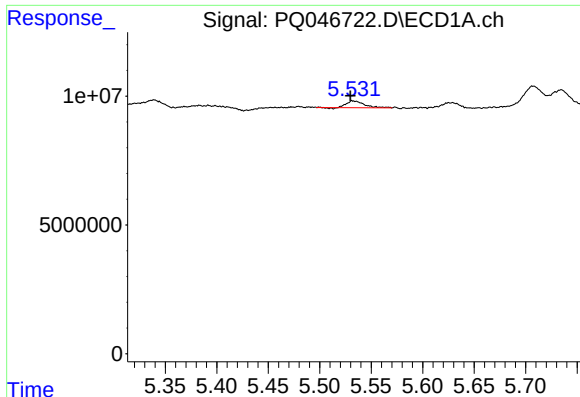
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.429 min
Response: 0
Conc: N.D.



#8 AR-1221-1

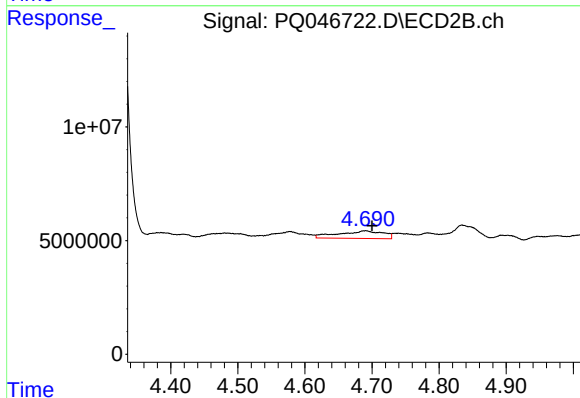
R.T.: 4.578 min
Delta R.T.: -0.020 min
Response: 9090041
Conc: 133.06 ng/ml



#9 AR-1221-2

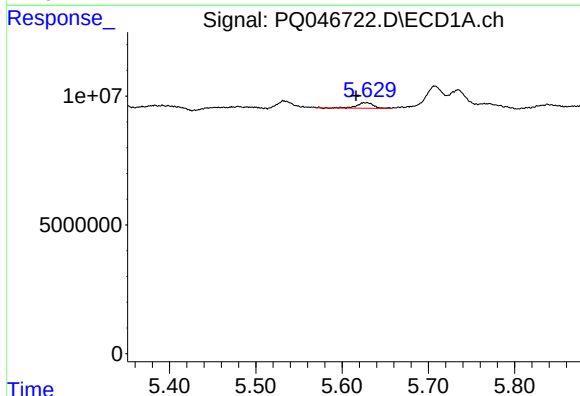
R.T.: 5.532 min
Delta R.T.: 0.003 min
Response: 3069057
Conc: 28.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



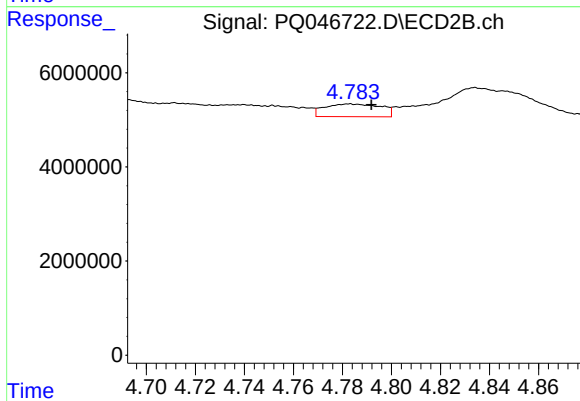
#9 AR-1221-2

R.T.: 4.691 min
Delta R.T.: -0.009 min
Response: 15398610
Conc: 307.00 ng/ml



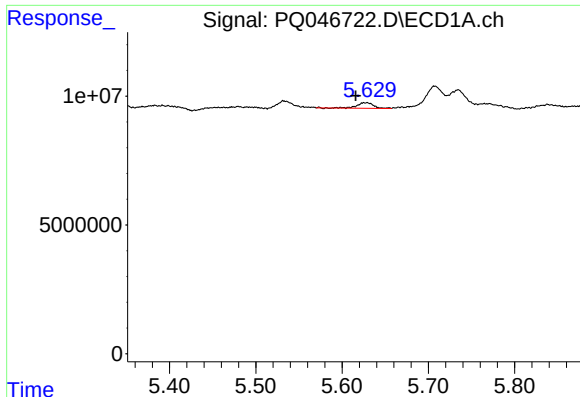
#10 AR-1221-3

R.T.: 5.629 min
Delta R.T.: 0.013 min
Response: 2815102
Conc: 8.41 ng/ml



#10 AR-1221-3

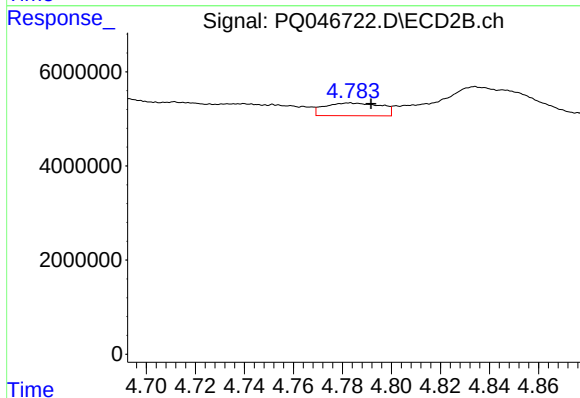
R.T.: 4.783 min
Delta R.T.: -0.009 min
Response: 4300067
Conc: 25.98 ng/ml



#11 AR-1232-1

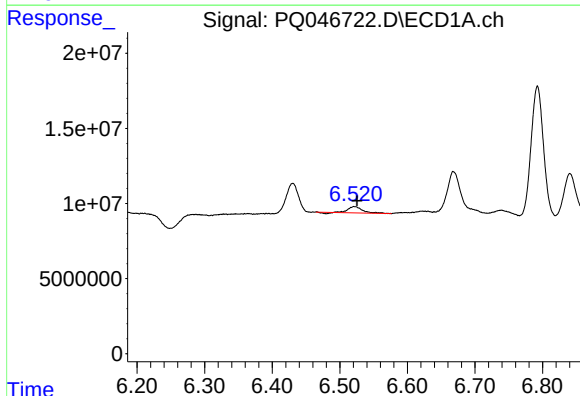
R.T.: 5.629 min
Delta R.T.: 0.013 min
Response: 2815102
Conc: 10.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



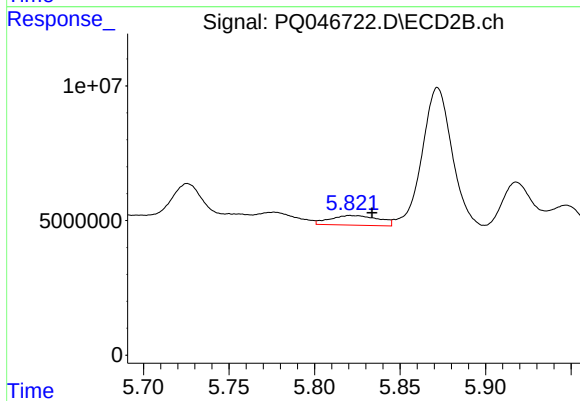
#11 AR-1232-1

R.T.: 4.783 min
Delta R.T.: -0.009 min
Response: 4300067
Conc: 32.38 ng/ml



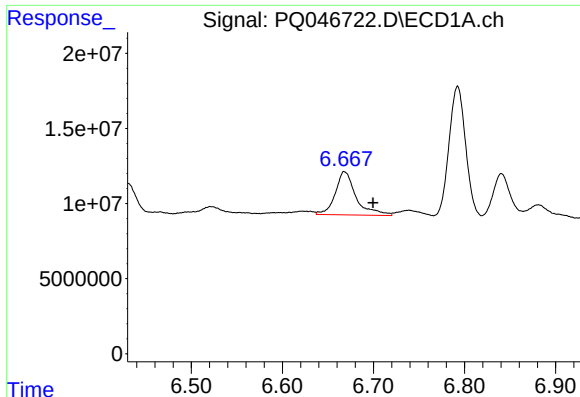
#13 AR-1232-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 6000197
Conc: 20.59 ng/ml



#13 AR-1232-3

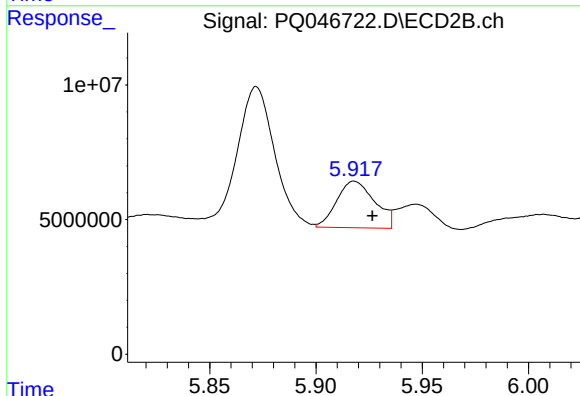
R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 7135713
Conc: 111.61 ng/ml



#14 AR-1232-4

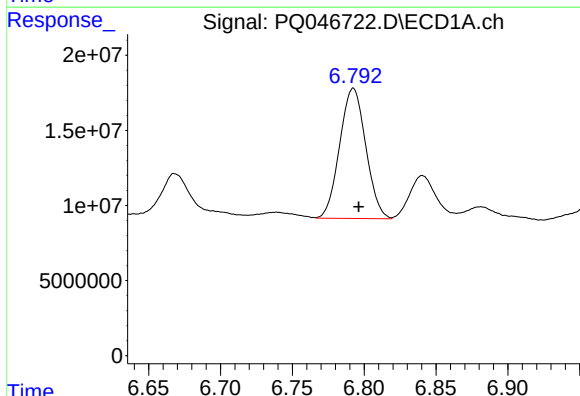
R.T.: 6.668 min
Delta R.T.: -0.031 min
Response: 45634975
Conc: 320.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



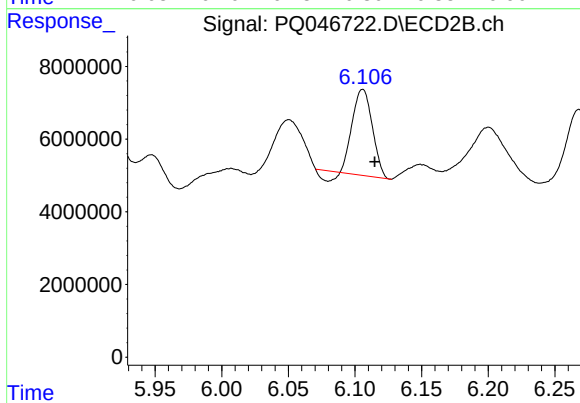
#14 AR-1232-4

R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 21513613
Conc: 355.89 ng/ml



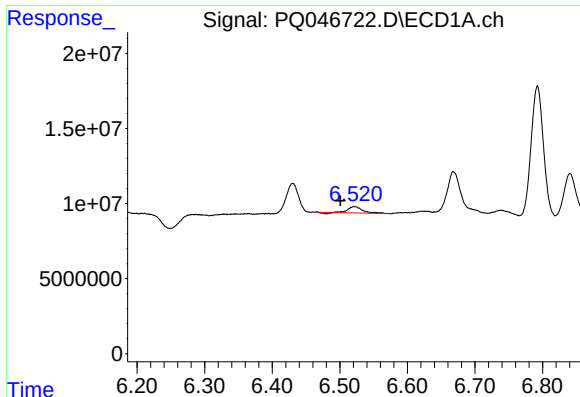
#15 AR-1232-5

R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 109285606
Conc: 1038.77 ng/ml



#15 AR-1232-5

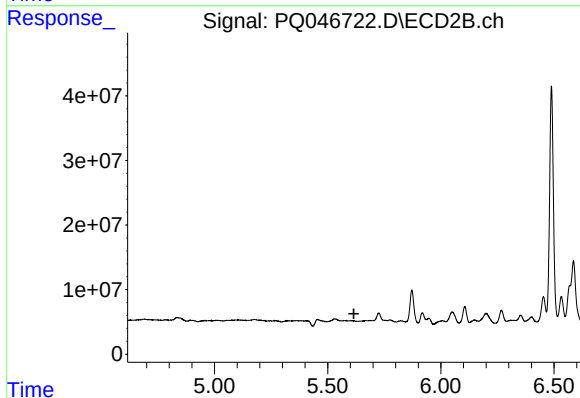
R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 22990868
Conc: 341.88 ng/ml



#16 AR-1242-1

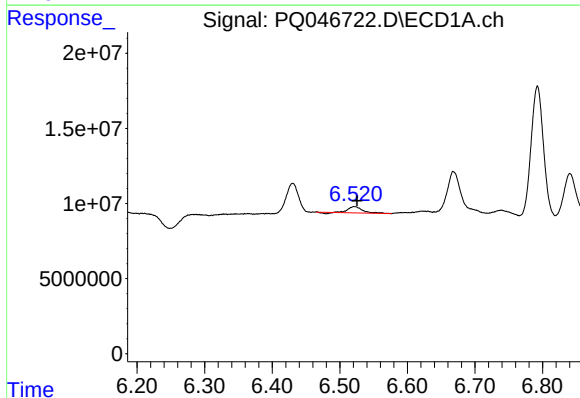
R.T.: 6.522 min
Delta R.T.: 0.021 min
Response: 6000197
Conc: 16.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



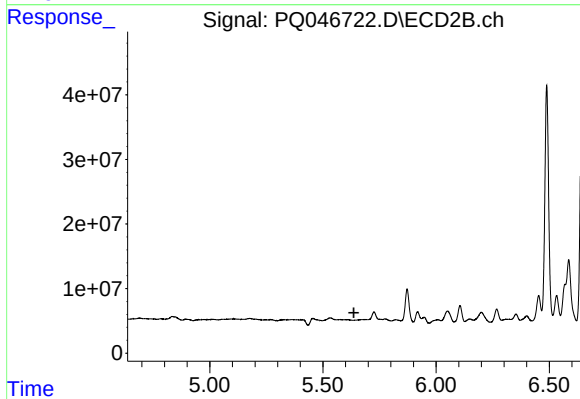
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.616 min
Response: 0
Conc: N.D.



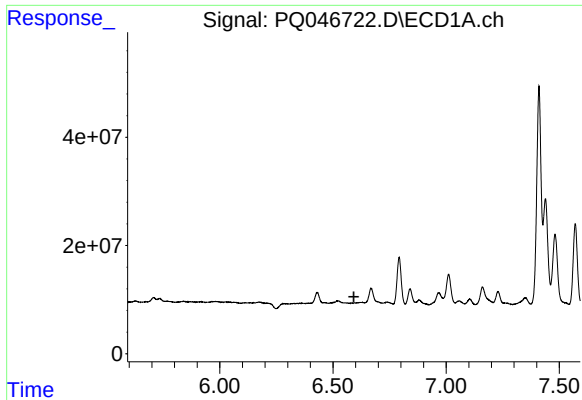
#17 AR-1242-2

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 6000197
Conc: 11.14 ng/ml



#17 AR-1242-2

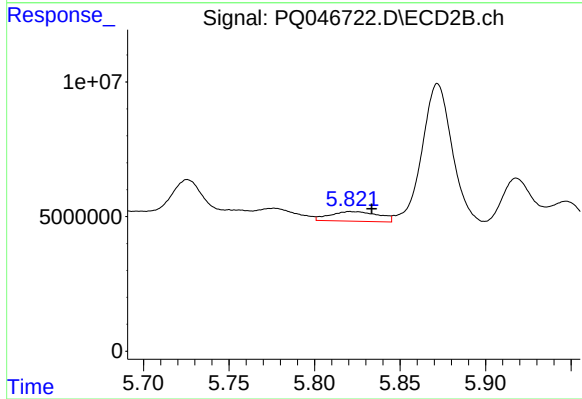
R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



#18 AR-1242-3

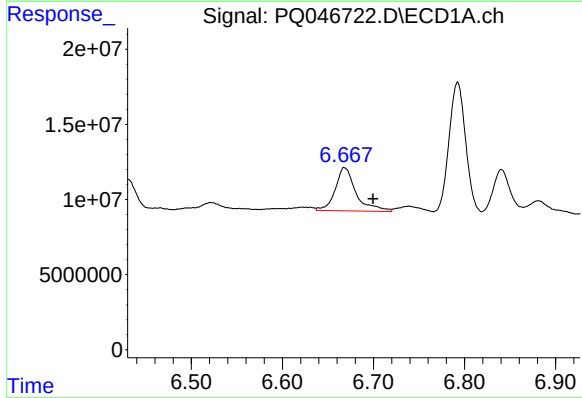
R.T.: 0.000 min
Exp R.T.: 6.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



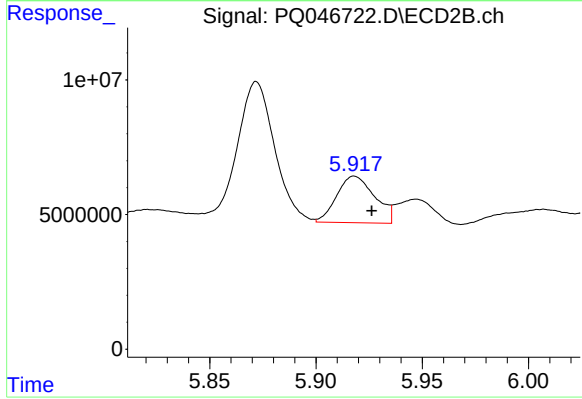
#18 AR-1242-3

R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 7135713
Conc: 57.09 ng/ml



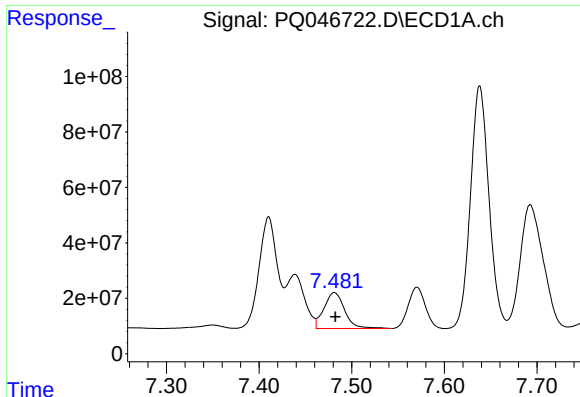
#19 AR-1242-4

R.T.: 6.668 min
Delta R.T.: -0.031 min
Response: 45634975
Conc: 172.65 ng/ml



#19 AR-1242-4

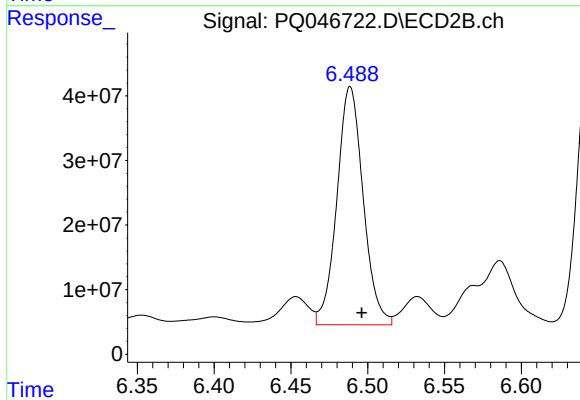
R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 21513613
Conc: 170.07 ng/ml



#20 AR-1242-5

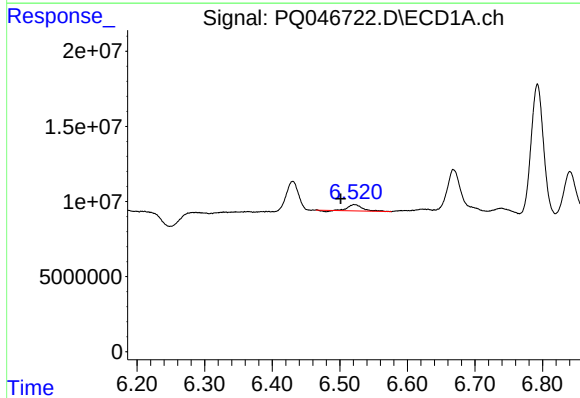
R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 201292383
Conc: 701.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



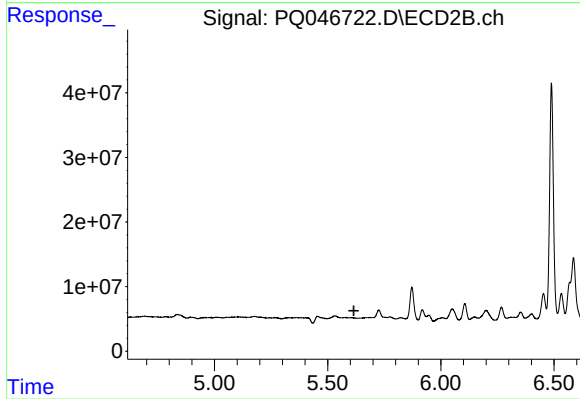
#20 AR-1242-5

R.T.: 6.489 min
Delta R.T.: -0.008 min
Response: 439140379
Conc: 2669.74 ng/ml



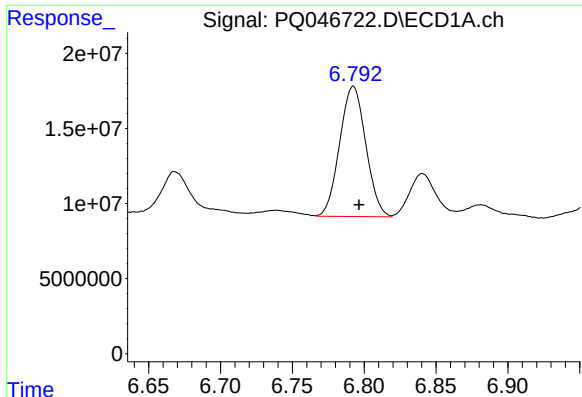
#21 AR-1248-1

R.T.: 6.522 min
Delta R.T.: 0.020 min
Response: 6000197
Conc: 21.38 ng/ml



#21 AR-1248-1

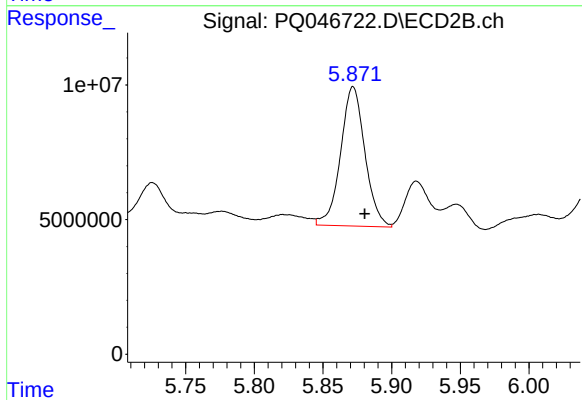
R.T.: 0.000 min
Exp R.T.: 5.616 min
Response: 0
Conc: N.D.



#22 AR-1248-2

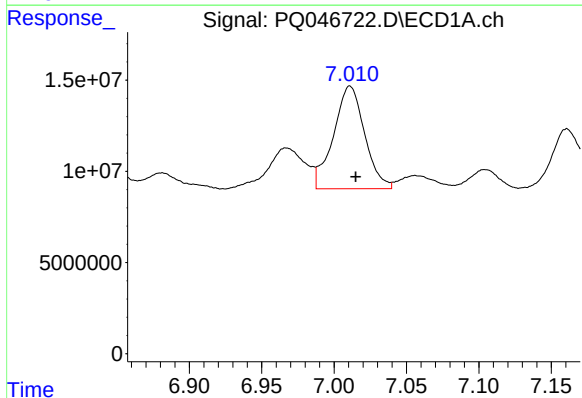
R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 109285606
Conc: 291.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



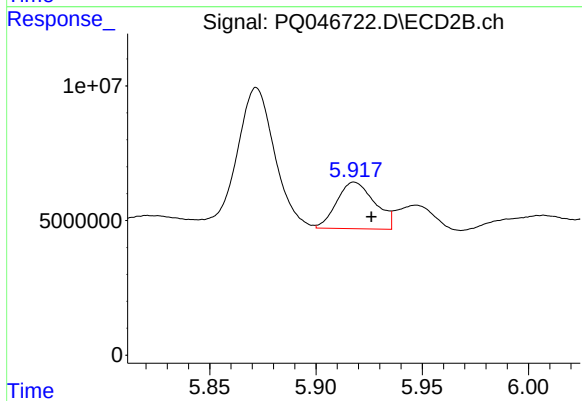
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: -0.008 min
Response: 63869818
Conc: 369.62 ng/ml



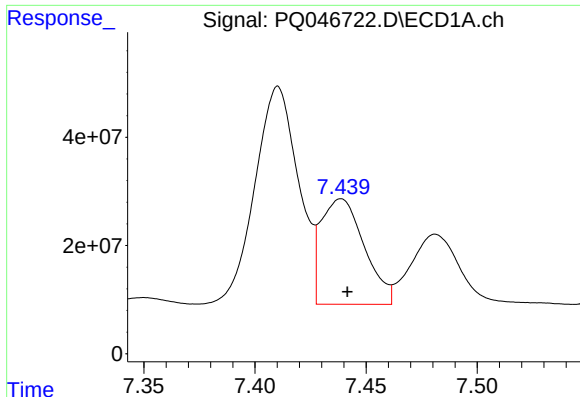
#23 AR-1248-3

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 84406578
Conc: 204.40 ng/ml



#23 AR-1248-3

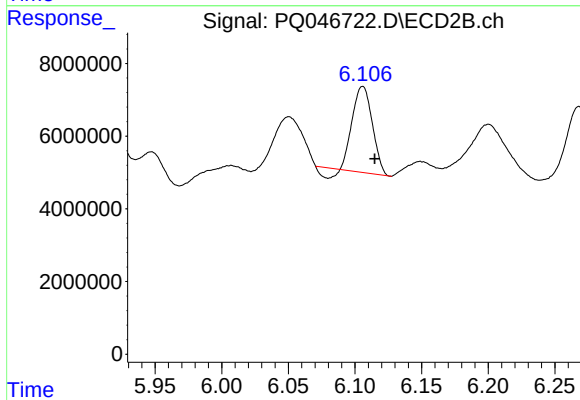
R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 21513613
Conc: 118.16 ng/ml



#24 AR-1248-4

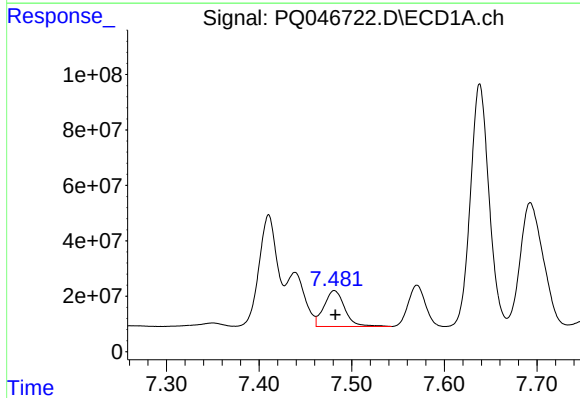
R.T.: 7.439 min
Delta R.T.: -0.003 min
Response: 264268633
Conc: 554.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



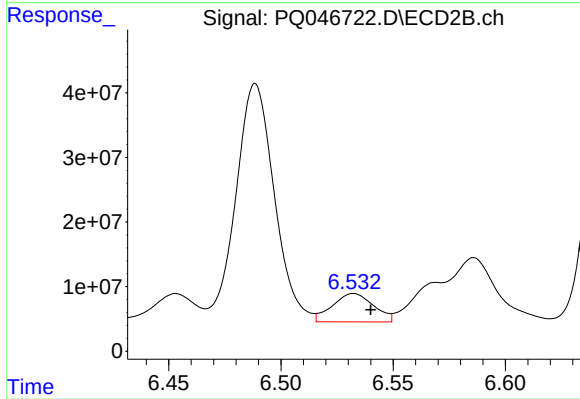
#24 AR-1248-4

R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 22990868
Conc: 104.09 ng/ml



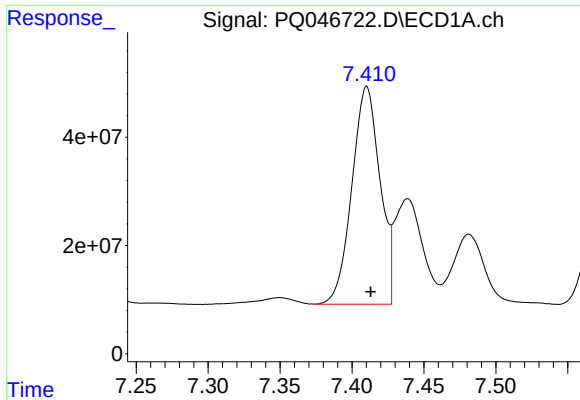
#25 AR-1248-5

R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 201292383
Conc: 437.05 ng/ml



#25 AR-1248-5

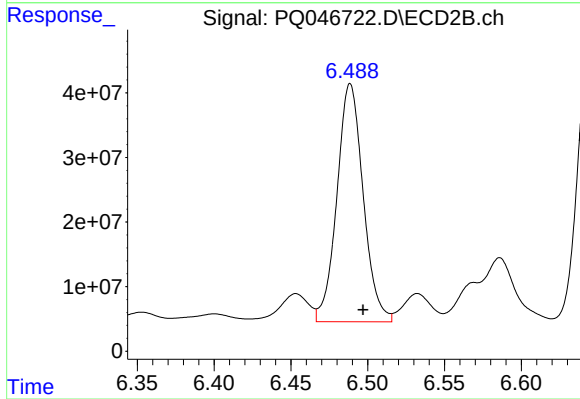
R.T.: 6.532 min
Delta R.T.: -0.008 min
Response: 56428456
Conc: 255.99 ng/ml



#26 AR-1254-1

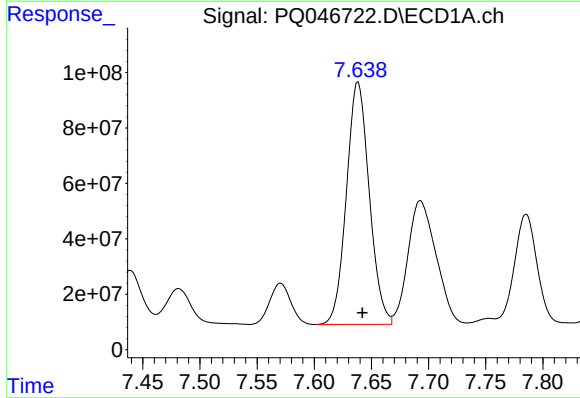
R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 549253654
Conc: 1173.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



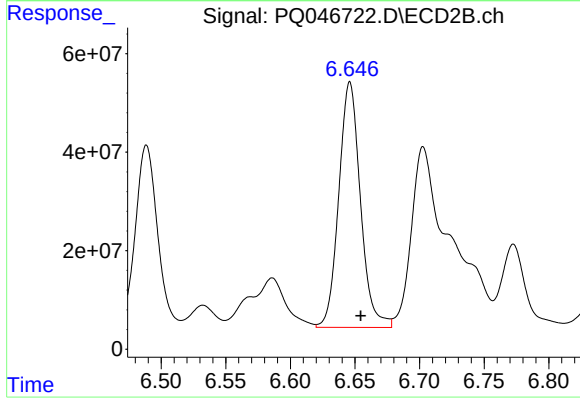
#26 AR-1254-1

R.T.: 6.489 min
Delta R.T.: -0.008 min
Response: 439140379
Conc: 1241.74 ng/ml



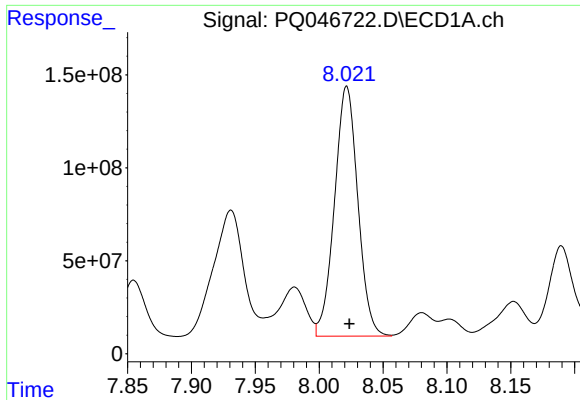
#27 AR-1254-2

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 1217614427
Conc: 1711.89 ng/ml



#27 AR-1254-2

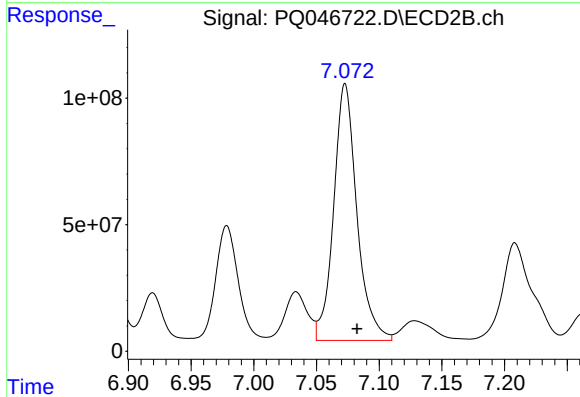
R.T.: 6.646 min
Delta R.T.: -0.008 min
Response: 581576120
Conc: 1902.06 ng/ml



#28 AR-1254-3

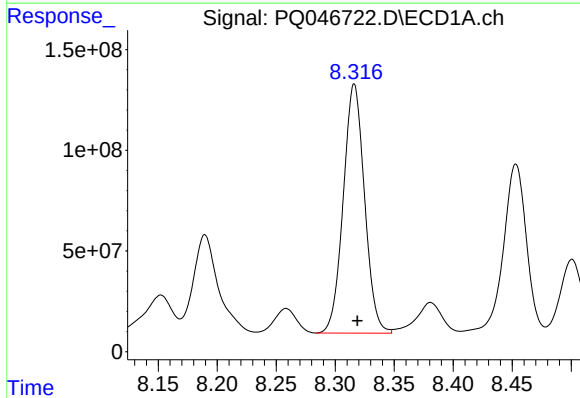
R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 1710704841
Conc: 2359.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



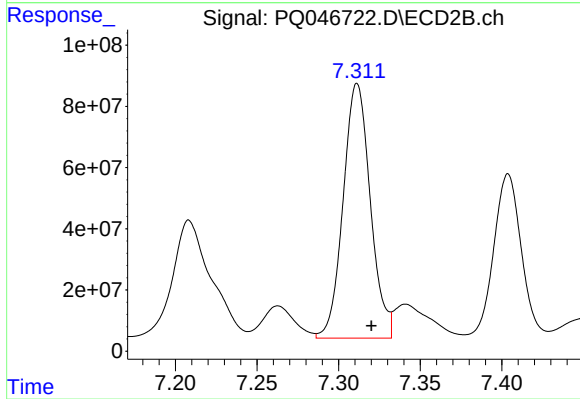
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.010 min
Response: 1309110478
Conc: 2553.84 ng/ml



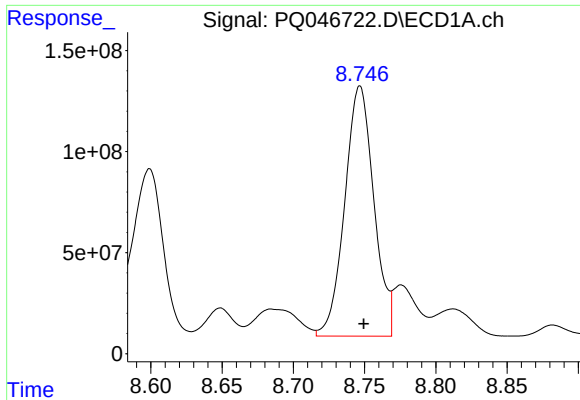
#29 AR-1254-4

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 1553507569
Conc: 2926.77 ng/ml



#29 AR-1254-4

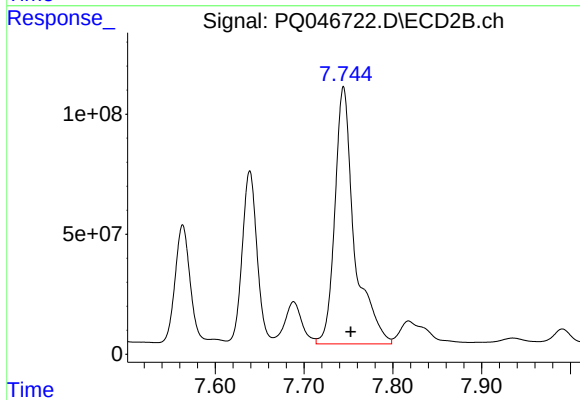
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 965689084
Conc: 3065.74 ng/ml



#30 AR-1254-5

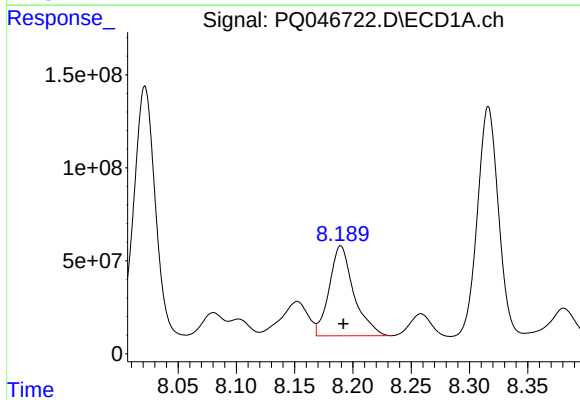
R.T.: 8.747 min
Delta R.T.: -0.003 min
Response: 1761552241
Conc: 3438.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



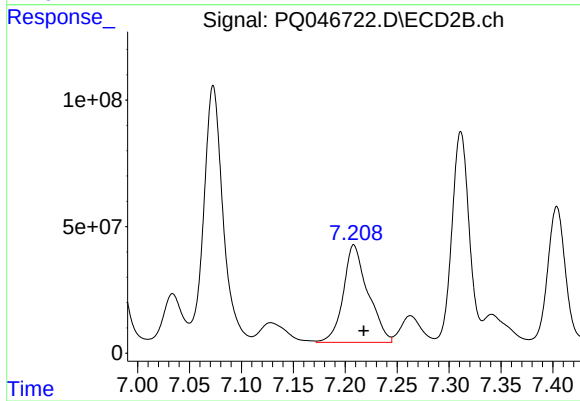
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.008 min
Response: 1635978007
Conc: 3725.49 ng/ml



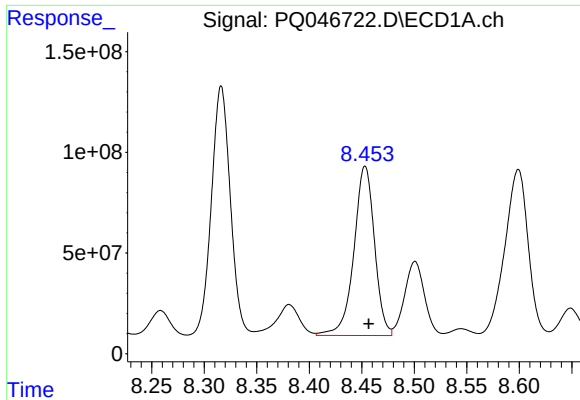
#31 AR-1260-1

R.T.: 8.190 min
Delta R.T.: -0.002 min
Response: 708597370
Conc: 1202.62 ng/ml



#31 AR-1260-1

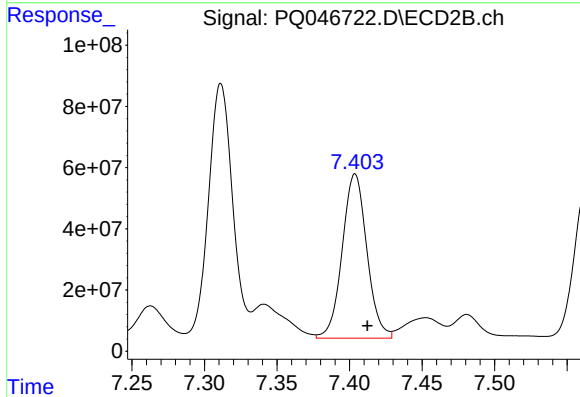
R.T.: 7.208 min
Delta R.T.: -0.009 min
Response: 637501288
Conc: 1673.16 ng/ml



#32 AR-1260-2

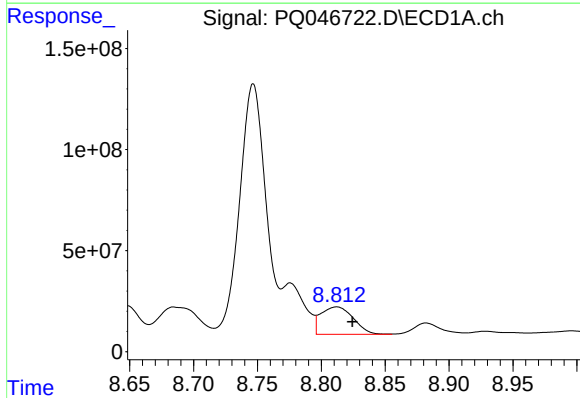
R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 1149054375
Conc: 1669.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



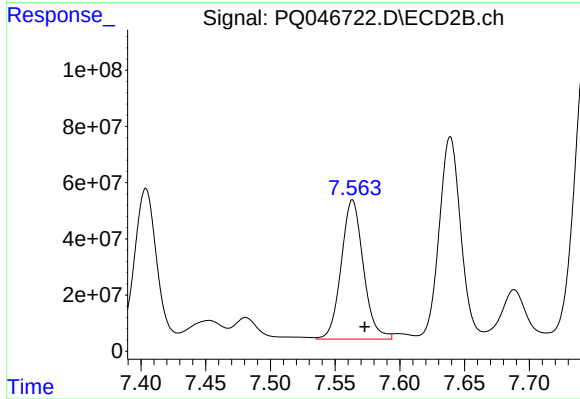
#32 AR-1260-2

R.T.: 7.404 min
Delta R.T.: -0.008 min
Response: 634989520
Conc: 1377.49 ng/ml



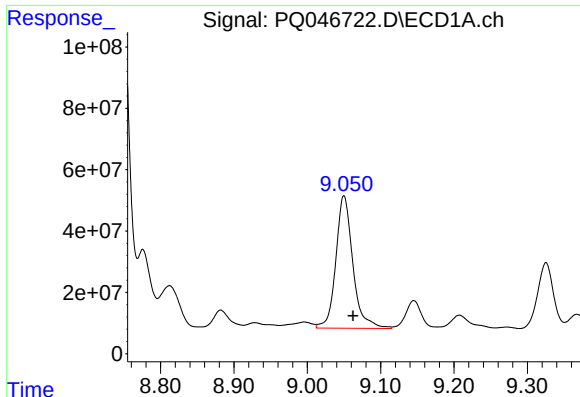
#33 AR-1260-3

R.T.: 8.812 min
Delta R.T.: -0.012 min
Response: 239754800
Conc: 472.72 ng/ml



#33 AR-1260-3

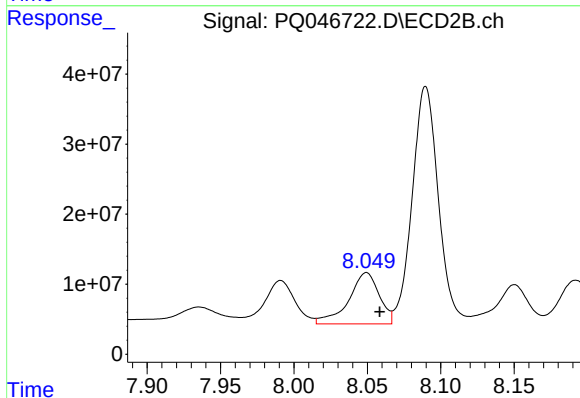
R.T.: 7.563 min
Delta R.T.: -0.010 min
Response: 591204682
Conc: 1371.87 ng/ml



#34 AR-1260-4

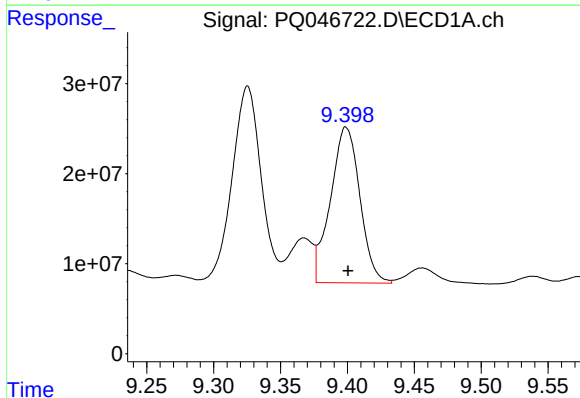
R.T.: 9.050 min
Delta R.T.: -0.012 min
Response: 696705268
Conc: 1290.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



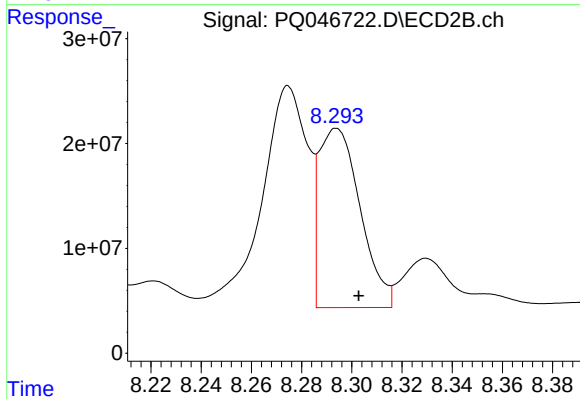
#34 AR-1260-4

R.T.: 8.049 min
Delta R.T.: -0.009 min
Response: 106389058
Conc: 292.46 ng/ml



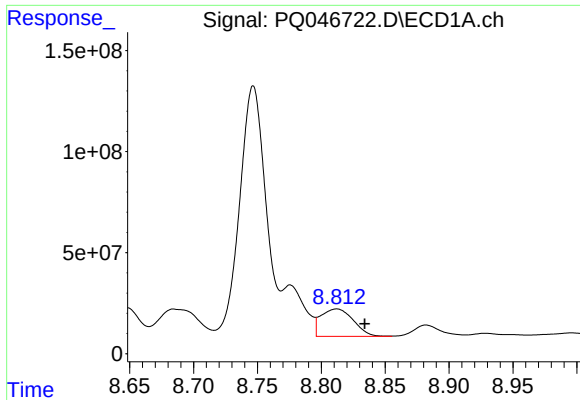
#35 AR-1260-5

R.T.: 9.399 min
Delta R.T.: -0.001 min
Response: 264600007
Conc: 254.23 ng/ml



#35 AR-1260-5

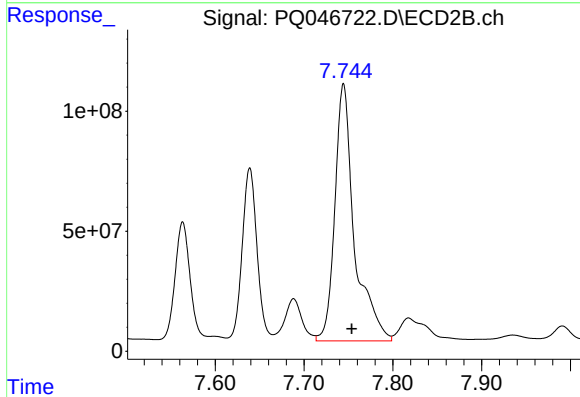
R.T.: 8.294 min
Delta R.T.: -0.009 min
Response: 194972199
Conc: 214.92 ng/ml



#36 AR-1262-1

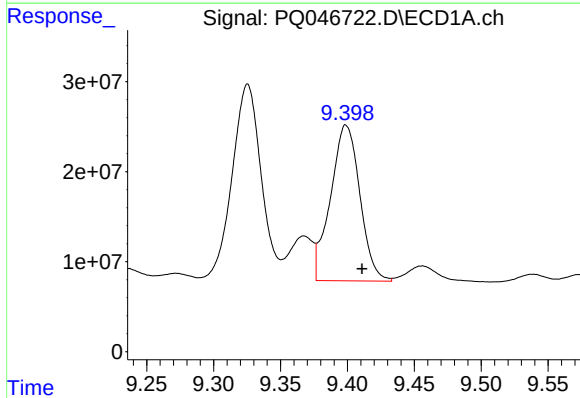
R.T.: 8.812 min
Delta R.T.: -0.022 min
Response: 239754800
Conc: 363.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



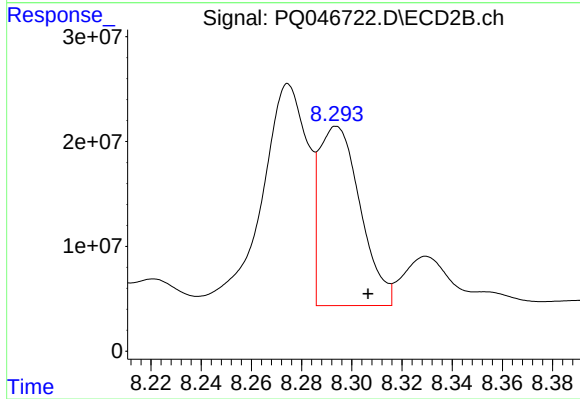
#36 AR-1262-1

R.T.: 7.745 min
Delta R.T.: -0.009 min
Response: 1635978007
Conc: 6688.38 ng/ml



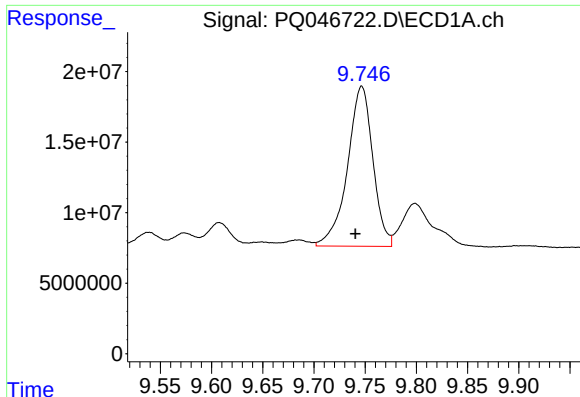
#37 AR-1262-2

R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 264600007
Conc: 252.89 ng/ml



#37 AR-1262-2

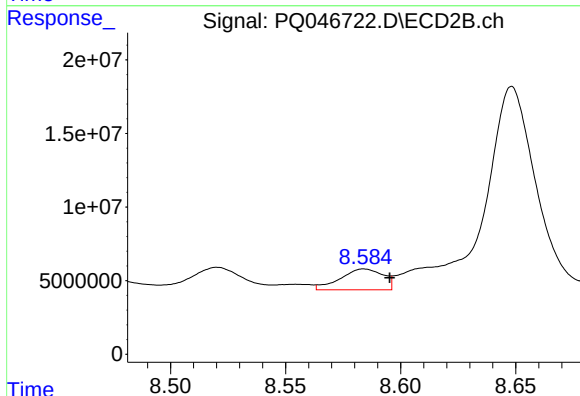
R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 194972199
Conc: 216.39 ng/ml



#38 AR-1262-3

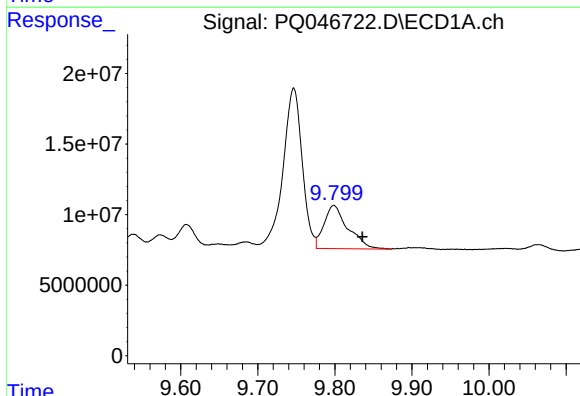
R.T.: 9.747 min
Delta R.T.: 0.006 min
Response: 195885598
Conc: 289.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



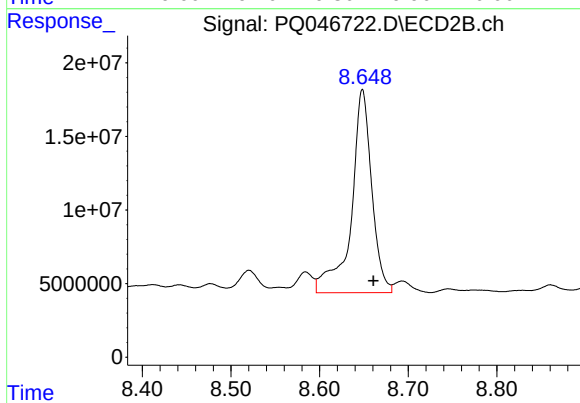
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: -0.011 min
Response: 18451570
Conc: 55.51 ng/ml



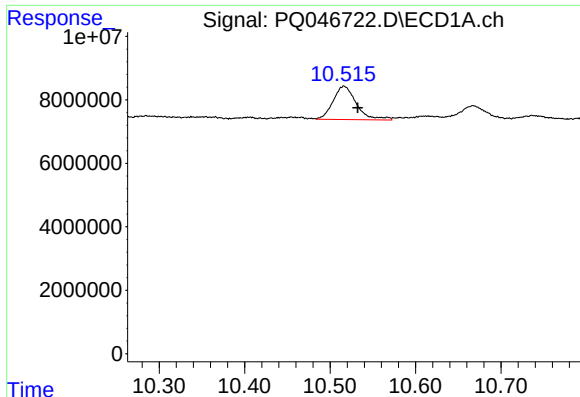
#39 AR-1262-4

R.T.: 9.799 min
Delta R.T.: -0.037 min
Response: 66466103
Conc: 126.14 ng/ml



#39 AR-1262-4

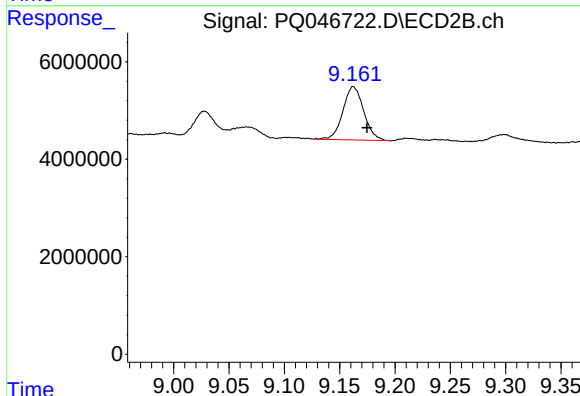
R.T.: 8.648 min
Delta R.T.: -0.013 min
Response: 222124040
Conc: 342.90 ng/ml



#40 AR-1262-5

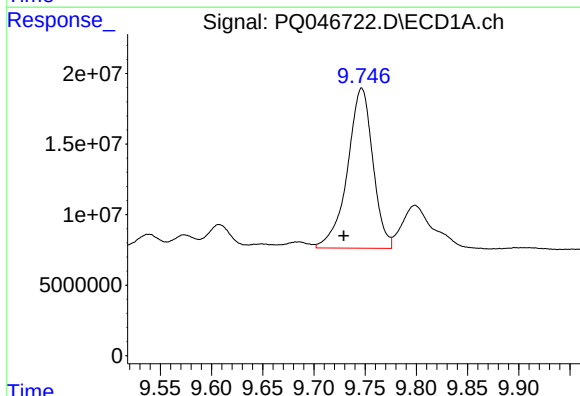
R.T.: 10.516 min
Delta R.T.: -0.016 min
Response: 19942583
Conc: 59.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



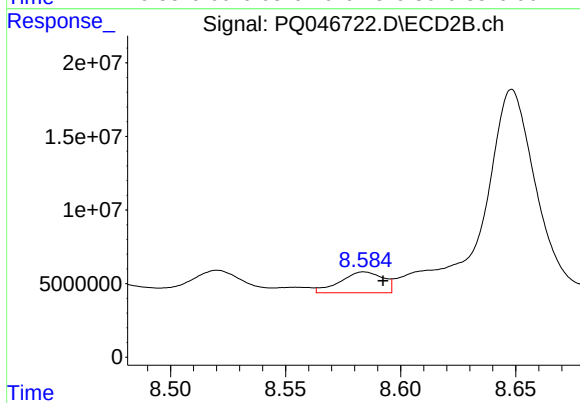
#40 AR-1262-5

R.T.: 9.162 min
Delta R.T.: -0.012 min
Response: 14280666
Conc: 51.70 ng/ml



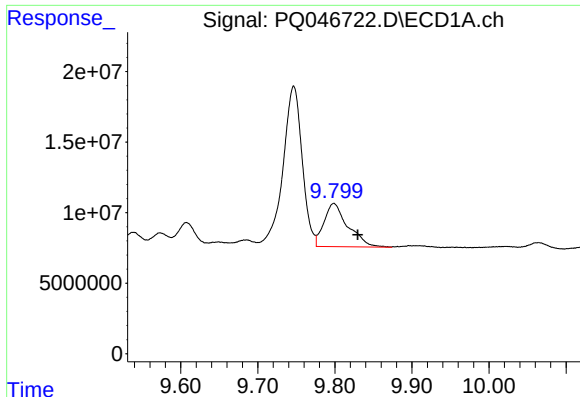
#41 AR-1268-1

R.T.: 9.747 min
Delta R.T.: 0.017 min
Response: 195885598
Conc: 159.70 ng/ml



#41 AR-1268-1

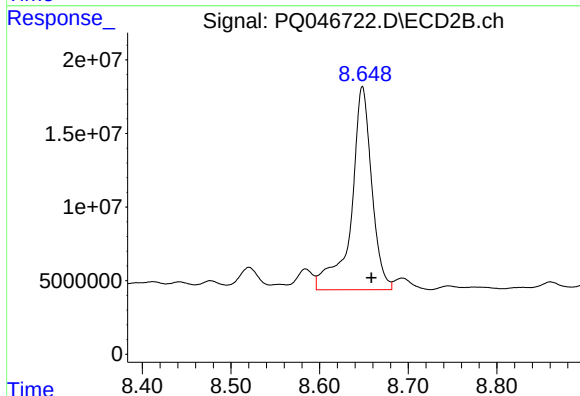
R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 18451570
Conc: 17.49 ng/ml



#42 AR-1268-2

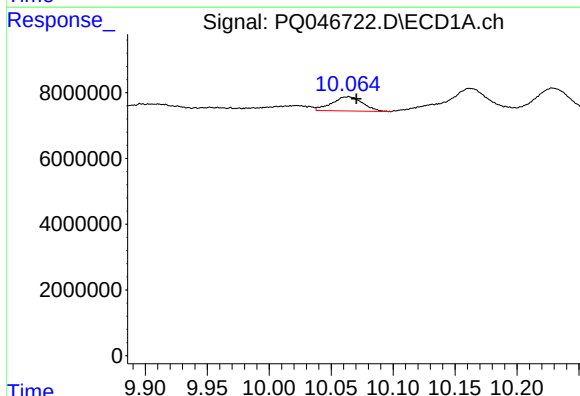
R.T.: 9.799 min
Delta R.T.: -0.031 min
Response: 66466103
Conc: 57.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



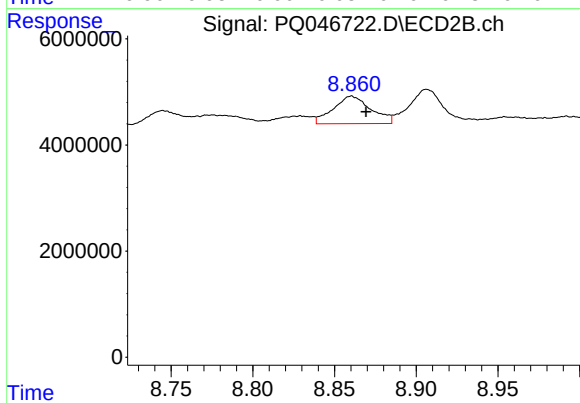
#42 AR-1268-2

R.T.: 8.648 min
Delta R.T.: -0.010 min
Response: 222124040
Conc: 225.98 ng/ml



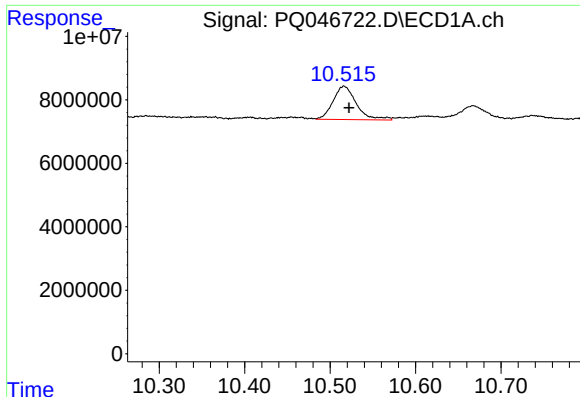
#43 AR-1268-3

R.T.: 10.064 min
Delta R.T.: -0.006 min
Response: 7463854
Conc: 7.96 ng/ml



#43 AR-1268-3

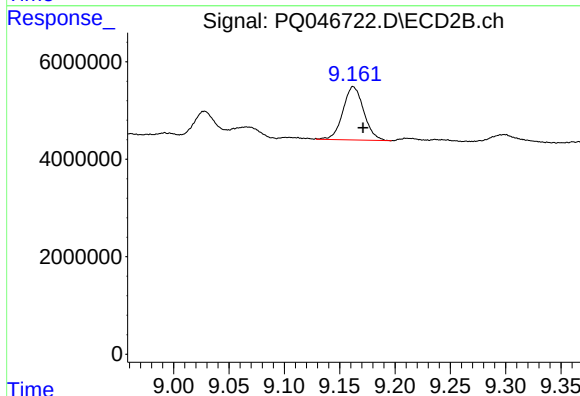
R.T.: 8.860 min
Delta R.T.: -0.009 min
Response: 8375384
Conc: 10.67 ng/ml



#44 AR-1268-4

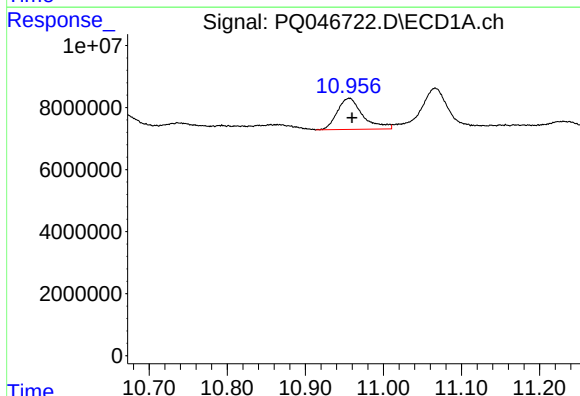
R.T.: 10.516 min
Delta R.T.: -0.006 min
Response: 19942583
Conc: 51.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
S4-03-A



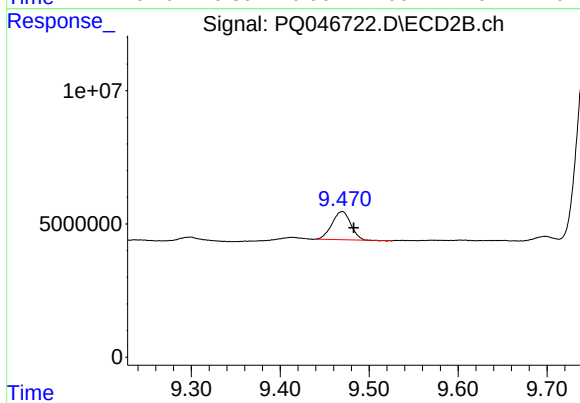
#44 AR-1268-4

R.T.: 9.162 min
Delta R.T.: -0.009 min
Response: 14280666
Conc: 44.59 ng/ml



#45 AR-1268-5

R.T.: 10.956 min
Delta R.T.: -0.003 min
Response: 22913781
Conc: 8.16 ng/ml



#45 AR-1268-5

R.T.: 9.470 min
Delta R.T.: -0.013 min
Response: 15523695
Conc: 6.14 ng/ml