

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042721\
 Data File : PQ053213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2021 15:46
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 02:30:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 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...	5.222	4.238	574.1E6	225.5E6	20.462	19.391
2)	SA Decachlor...	11.413	9.579	1128.8E6	494.9E6	39.914	39.762
Target Compounds							
3)	L1 AR-1016-1	6.547	5.496	240.2E6	105.9E6	246.512	240.569
4)	L1 AR-1016-2	6.572	5.516	294.2E6	108.6E6	202.334	171.704
5)	L1 AR-1016-3	6.638	5.709	142.6E6	69600512	162.162	211.056 #
6)	L1 AR-1016-4	6.744	5.759	161.0E6	145.1E6	222.243	556.747 #
7)	L1 AR-1016-5	7.059	5.989	382.6E6	181.6E6	554.010	546.502
8)	L2 AR-1221-1	0.000	4.522	0	1009126	N.D.	7.913 #
9)	L2 AR-1221-2	5.575	4.594	8252525	8906689	39.995	100.238 #
10)	L2 AR-1221-3	5.660	4.683	31673111	9417784	45.628	30.496 #
11)	L3 AR-1232-1	5.660	4.683	31673111	9417784	60.989	41.256 #
12)	L3 AR-1232-2	6.252	5.516	106.5E6	108.6E6	380.221	444.640
13)	L3 AR-1232-3	6.572	5.709	294.2E6	69600512	513.172	569.090
14)	L3 AR-1232-4	6.744	5.804	161.0E6	149.6E6	562.894	1428.964 #
15)	L3 AR-1232-5	6.839	5.989	335.6E6	181.6E6	1644.437	1548.421
16)	L4 AR-1242-1	6.547	5.496	240.2E6	105.9E6	264.869	264.319
17)	L4 AR-1242-2	6.572	5.516	294.2E6	108.6E6	216.632	186.246
18)	L4 AR-1242-3	6.638	5.709	142.6E6	69600512	172.757	229.750 #
19)	L4 AR-1242-4	6.744	5.804	161.0E6	149.6E6	234.990	525.973 #
20)	L4 AR-1242-5	7.528	6.368	435.2E6	274.5E6	596.501	692.859
21)	L5 AR-1248-1	6.547	5.496	240.2E6	105.9E6	388.147	388.979
22)	L5 AR-1248-2	6.839	5.759	335.6E6	145.1E6	384.746	390.302
23)	L5 AR-1248-3	7.059	5.804	382.6E6	149.6E6	390.367	391.865
24)	L5 AR-1248-4	7.487	5.989	436.7E6	181.6E6	382.174	388.499
25)	L5 AR-1248-5	7.528	6.412	435.2E6	188.2E6	381.838	382.383
26)	L6 AR-1254-1	7.457	6.368	336.5E6	274.5E6	214.076	256.000
27)	L6 AR-1254-2	7.693	6.528	423.1E6	78514860	172.800	82.315 #
28)	L6 AR-1254-3	8.069	6.948	221.1E6	121.1E6	84.023	78.190
29)	L6 AR-1254-4	8.365	7.187	153.8E6	96170748	79.940	91.846
30)	L6 AR-1254-5	8.793	7.616	36235694	24051386	17.713	16.482
31)	L7 AR-1260-1	8.234	7.096	23732733	58637954	20.614	90.486 #
32)	L7 AR-1260-2	8.495	7.280	34859778	13593202	25.020	14.664 #
33)	L7 AR-1260-3	8.857	7.435	6288974	13533778	5.874	17.393 #
34)	L7 AR-1260-4	9.102	7.920	16086105	1772142	13.284	2.610 #
35)	L7 AR-1260-5	9.455	8.167	8248126	4316594	3.224	2.333 #
36)	L8 AR-1262-1	8.857	7.616	6288974	24051386	3.144	39.236 #
37)	L8 AR-1262-2	9.455	8.167	8248126	4316594	2.223	1.699
38)	L8 AR-1262-3	9.814	8.457	3734018	202275	1.488	0.199 #
39)	L8 AR-1262-4	9.814f	8.517	3734018	4942227	1.868	2.869 #
41)	L9 AR-1268-1	9.814	8.457	3734018	202275	0.839	0.069 #
42)	L9 AR-1268-2	0.000	8.517	0	4942227	N.D.	1.985 #
43)	L9 AR-1268-3	0.000	8.726	0	2958330	N.D.	1.365 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042721\
 Data File : PQ053213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2021 15:46
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

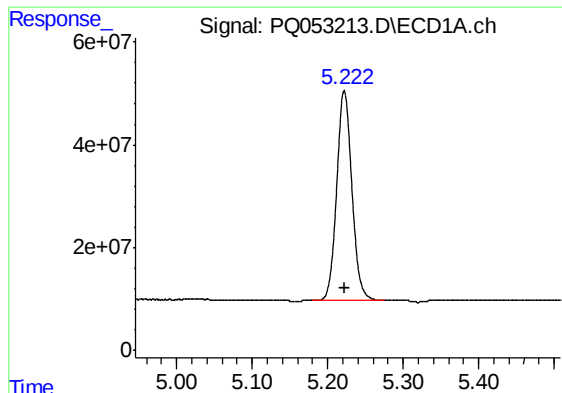
Instrument :
 ECD_Q
 ClientSampleId :
 AR12483011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 02:30:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 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
45) L9	AR-1268-5	11.048	9.320	9868934	3134436	0.766	0.505 #

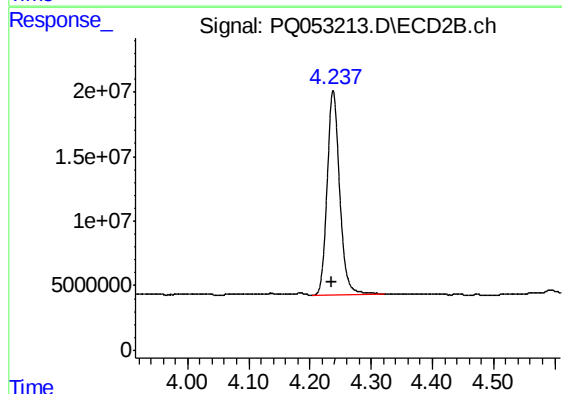
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

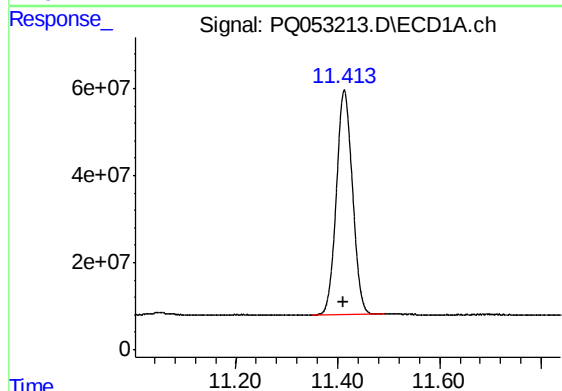
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 574137579
Conc: 20.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



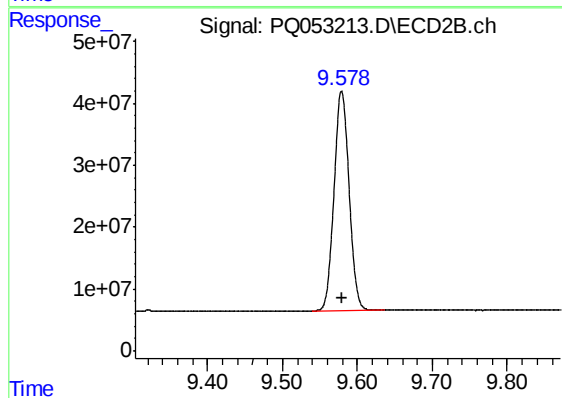
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.001 min
Response: 225486536
Conc: 19.39 ng/ml



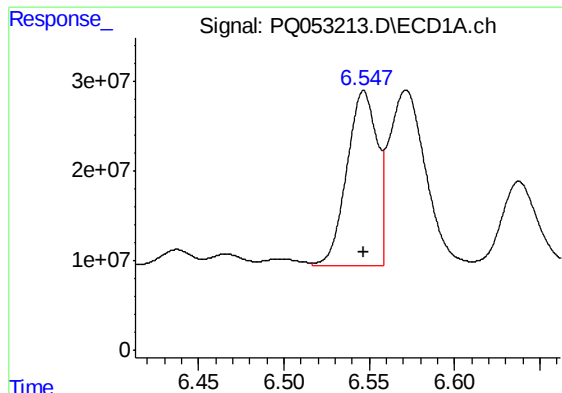
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: 0.001 min
Response: 1128846388
Conc: 39.91 ng/ml



#2 Decachlorobiphenyl

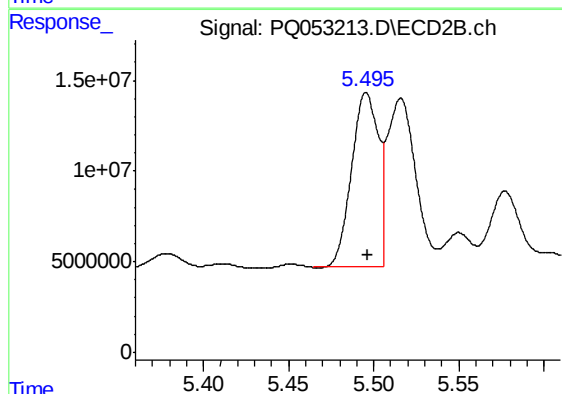
R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 494891390
Conc: 39.76 ng/ml



#3 AR-1016-1

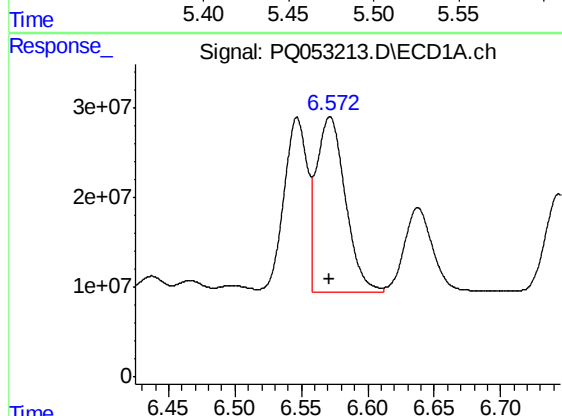
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 240176357
Conc: 246.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



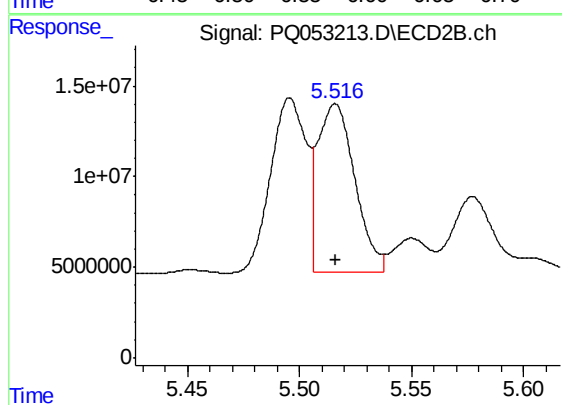
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 105947616
Conc: 240.57 ng/ml



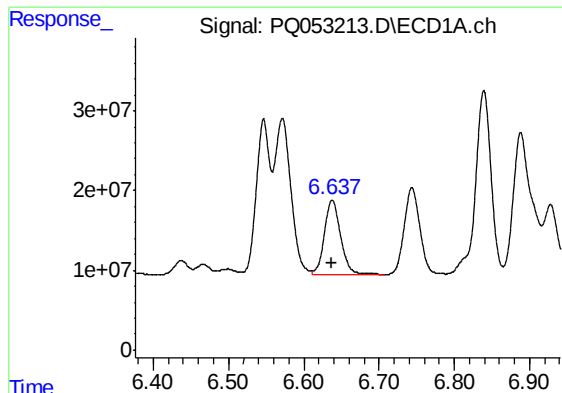
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 294214584
Conc: 202.33 ng/ml



#4 AR-1016-2

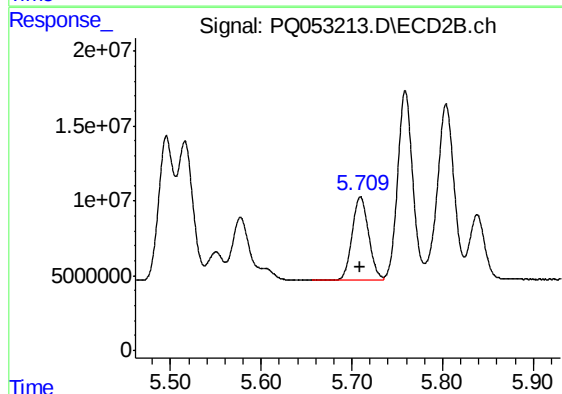
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 108633598
Conc: 171.70 ng/ml



#5 AR-1016-3

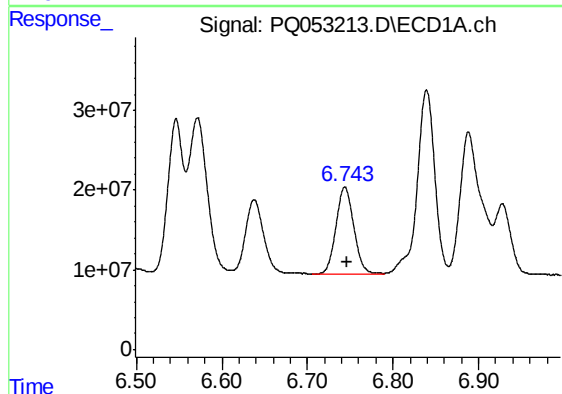
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 142566824
Conc: 162.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



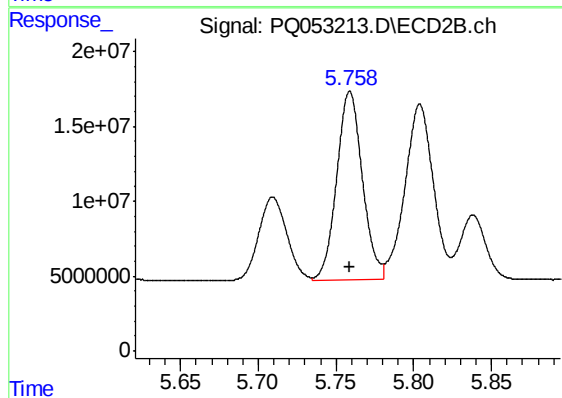
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 69600512
Conc: 211.06 ng/ml



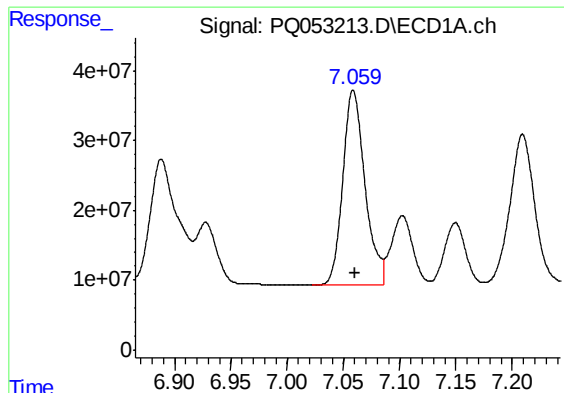
#6 AR-1016-4

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 160993244
Conc: 222.24 ng/ml



#6 AR-1016-4

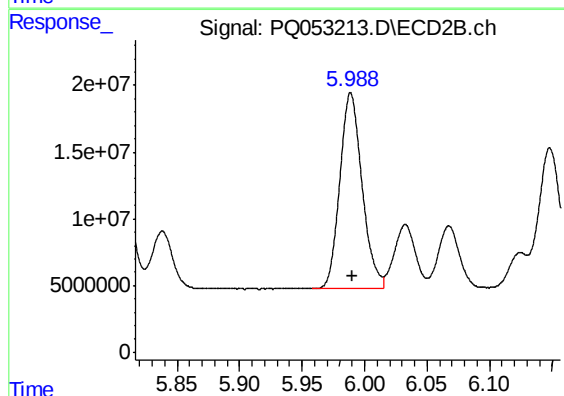
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 145123966
Conc: 556.75 ng/ml



#7 AR-1016-5

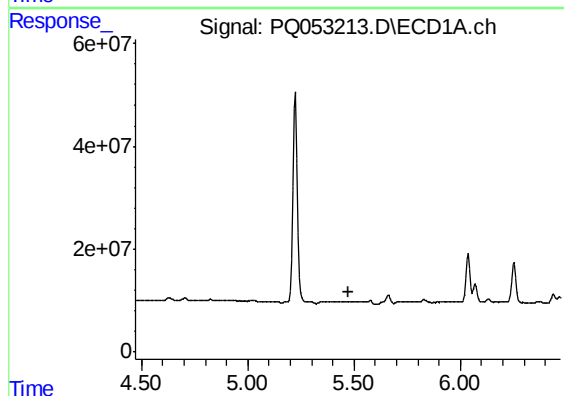
R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 382649861
Conc: 554.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



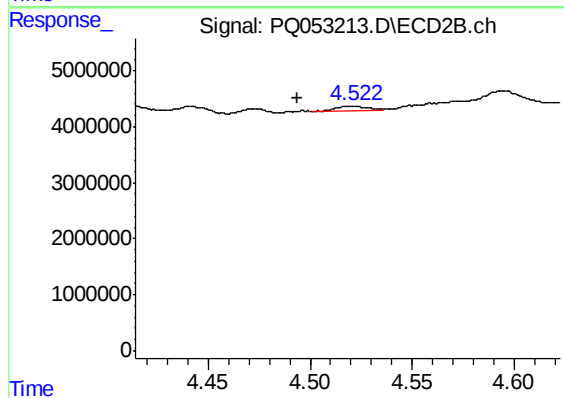
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 181619334
Conc: 546.50 ng/ml



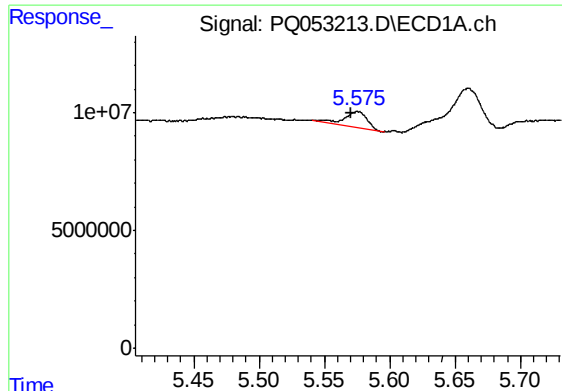
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



#8 AR-1221-1

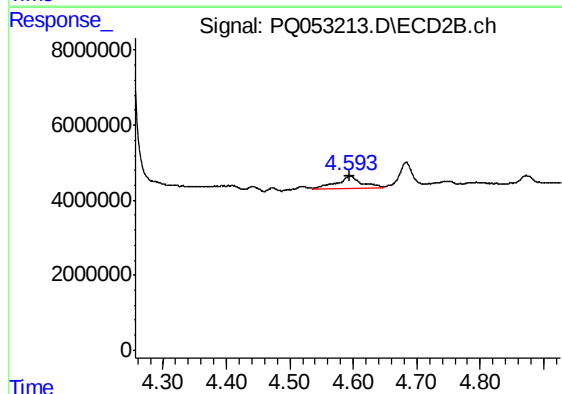
R.T.: 4.522 min
Delta R.T.: 0.028 min
Response: 1009126
Conc: 7.91 ng/ml



#9 AR-1221-2

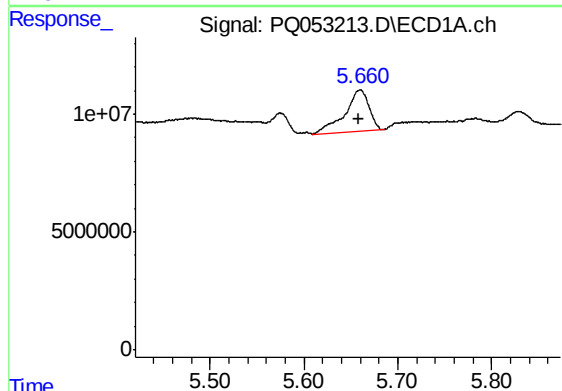
R.T.: 5.575 min
Delta R.T.: 0.004 min
Response: 8252525
Conc: 39.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



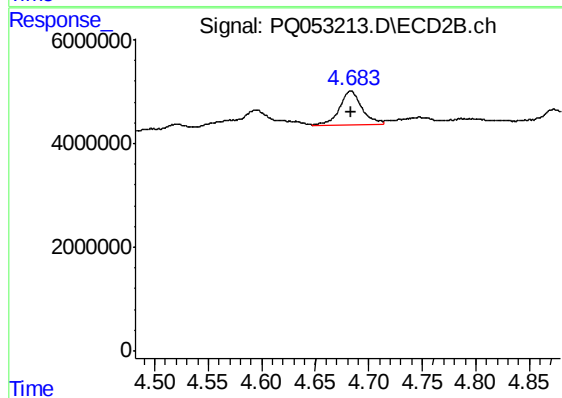
#9 AR-1221-2

R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 8906689
Conc: 100.24 ng/ml



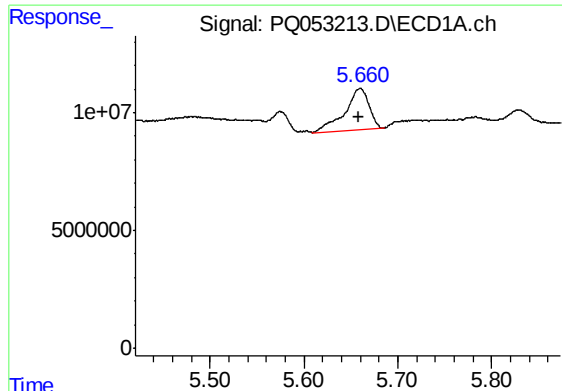
#10 AR-1221-3

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 31673111
Conc: 45.63 ng/ml



#10 AR-1221-3

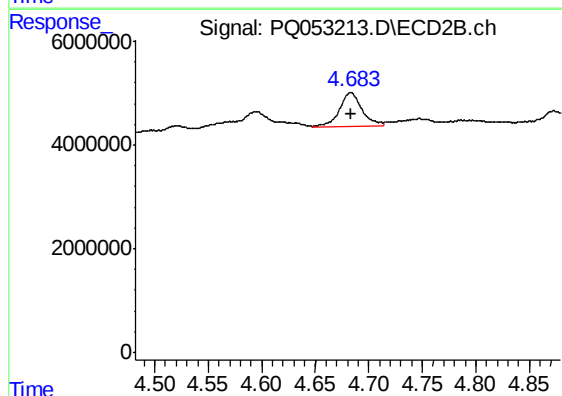
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 9417784
Conc: 30.50 ng/ml



#11 AR-1232-1

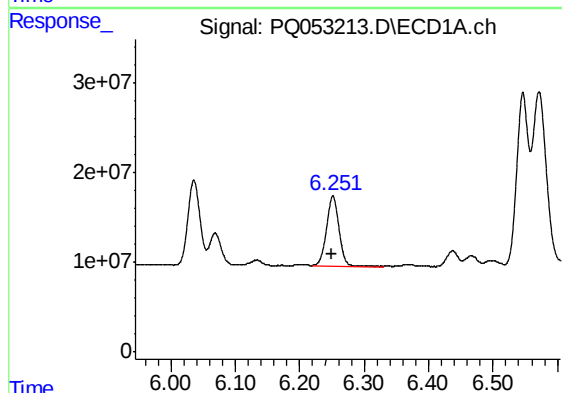
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 31673111
Conc: 60.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



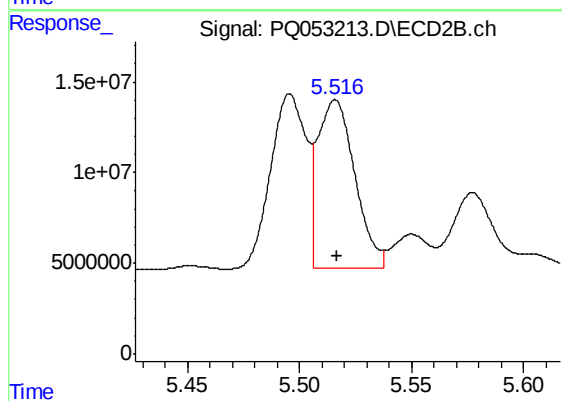
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 9417784
Conc: 41.26 ng/ml



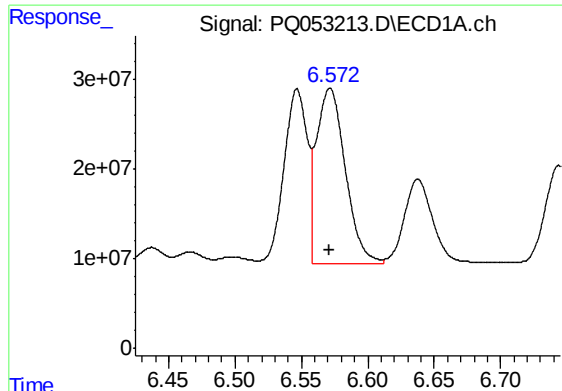
#12 AR-1232-2

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 106467059
Conc: 380.22 ng/ml



#12 AR-1232-2

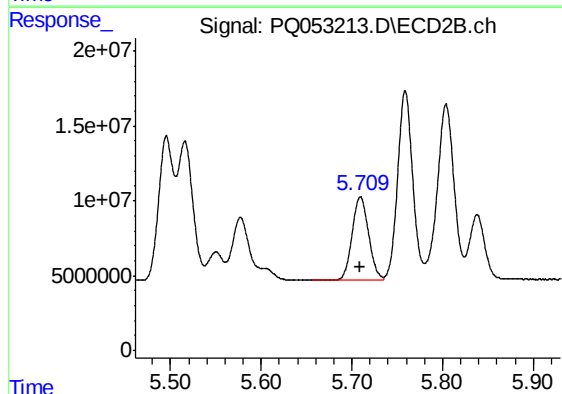
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 108633598
Conc: 444.64 ng/ml



#13 AR-1232-3

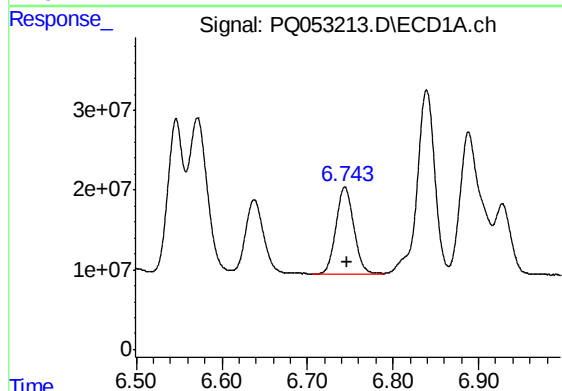
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 294214584
Conc: 513.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



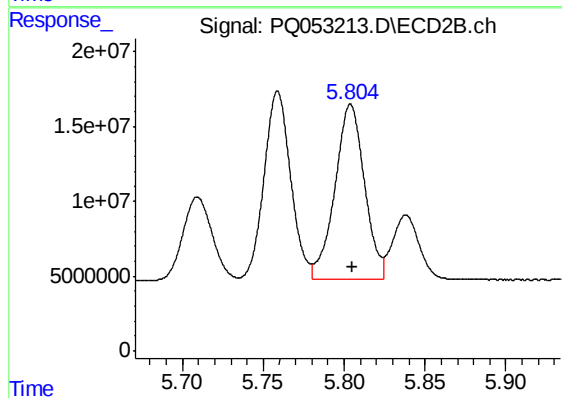
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 69600512
Conc: 569.09 ng/ml



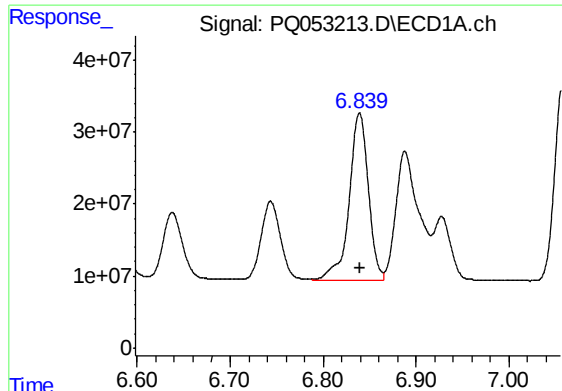
#14 AR-1232-4

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 160993244
Conc: 562.89 ng/ml



#14 AR-1232-4

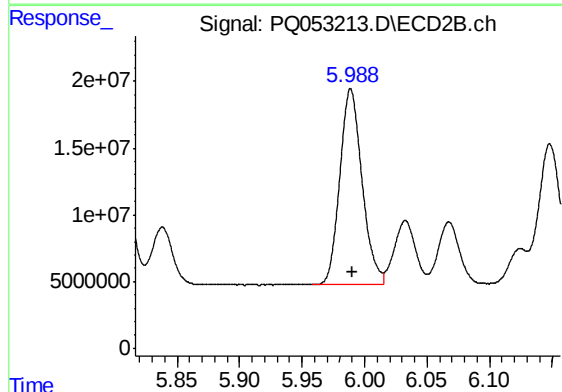
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 149612605
Conc: 1428.96 ng/ml



#15 AR-1232-5

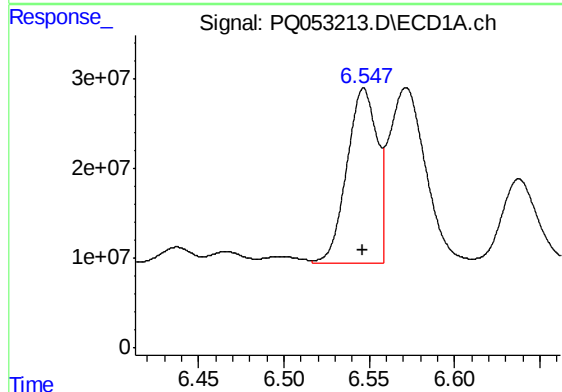
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 335567963
Conc: 1644.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



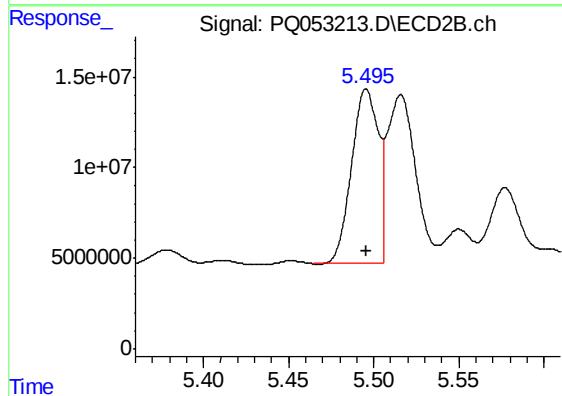
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 181619334
Conc: 1548.42 ng/ml



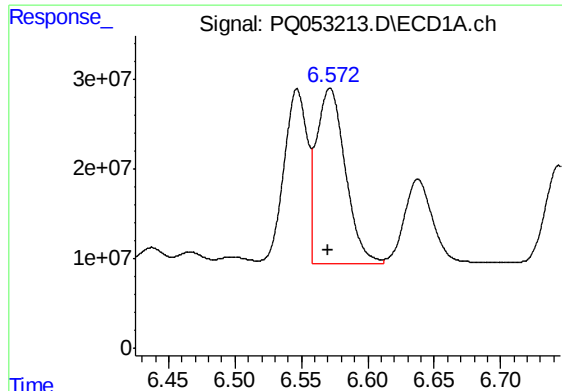
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 240176357
Conc: 264.87 ng/ml



#16 AR-1242-1

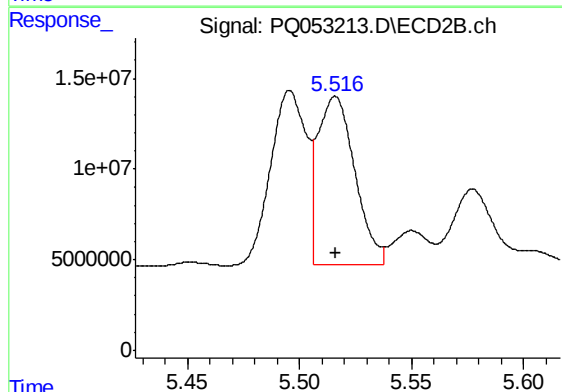
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 105947616
Conc: 264.32 ng/ml



#17 AR-1242-2

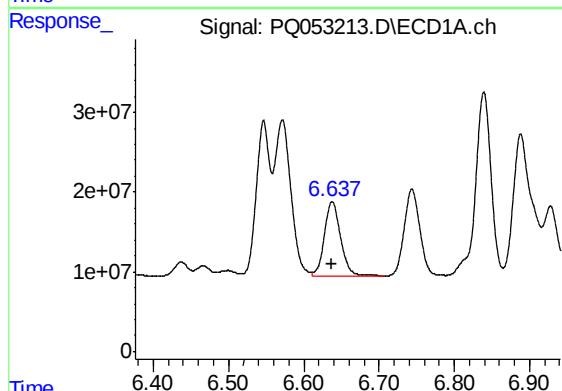
R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 294214584
Conc: 216.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



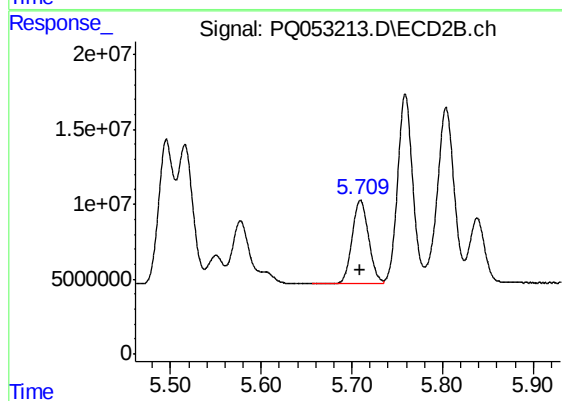
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 108633598
Conc: 186.25 ng/ml



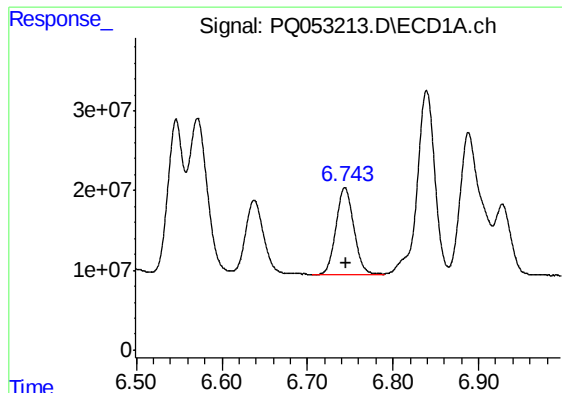
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 142566824
Conc: 172.76 ng/ml



#18 AR-1242-3

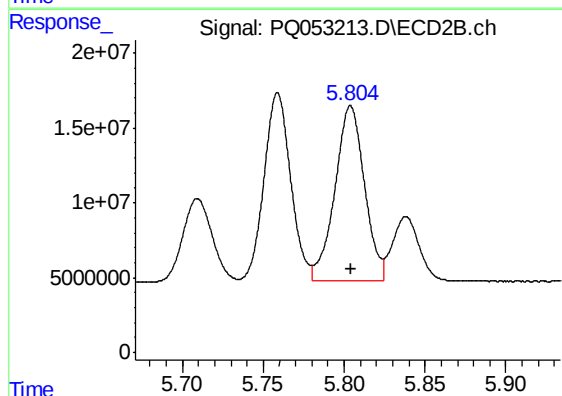
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 69600512
Conc: 229.75 ng/ml



#19 AR-1242-4

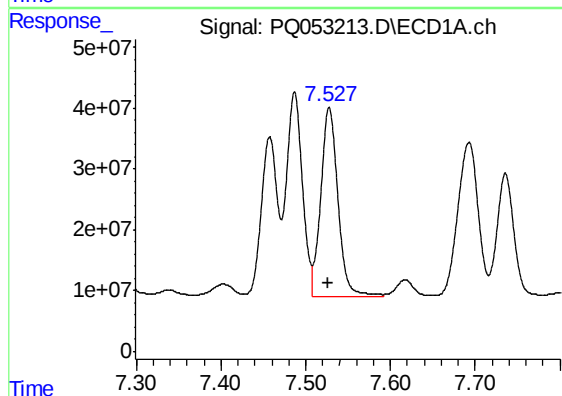
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 160993244
Conc: 234.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



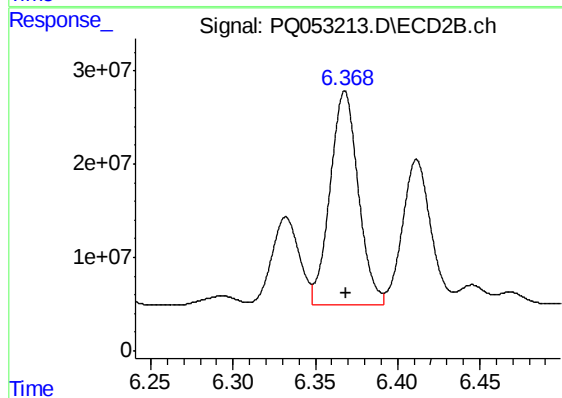
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 149612605
Conc: 525.97 ng/ml



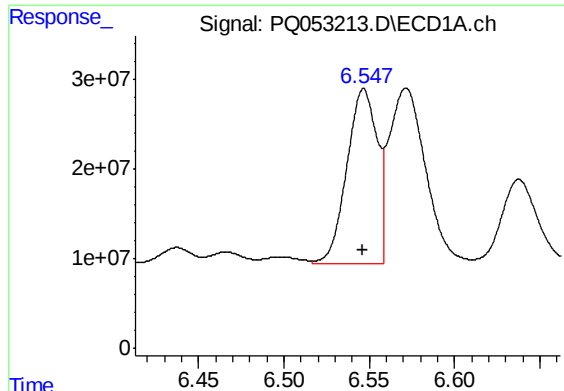
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 435155360
Conc: 596.50 ng/ml



#20 AR-1242-5

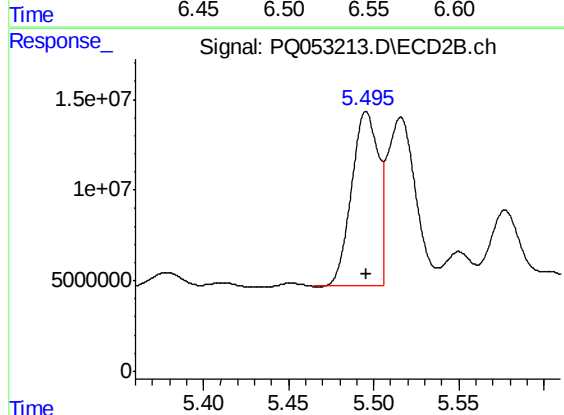
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 274491569
Conc: 692.86 ng/ml



#21 AR-1248-1

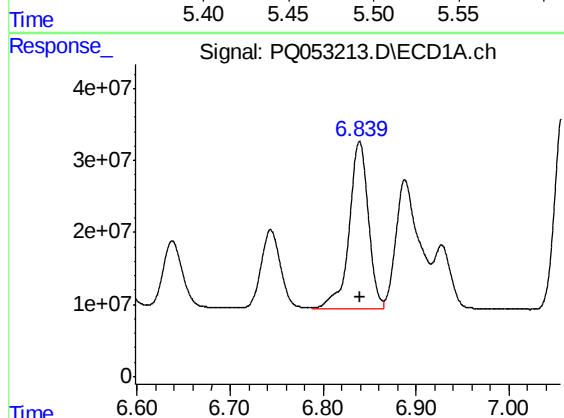
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 240176357
Conc: 388.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



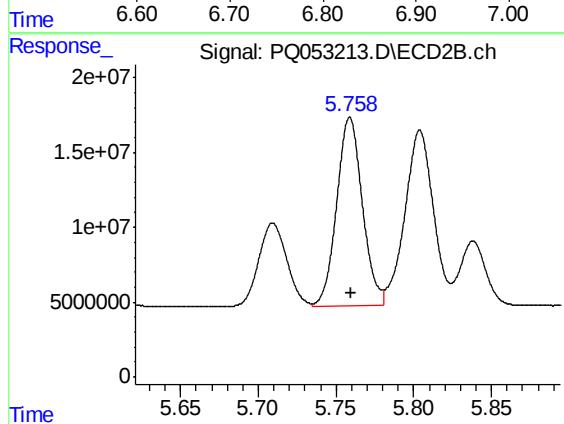
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 105947616
Conc: 388.98 ng/ml



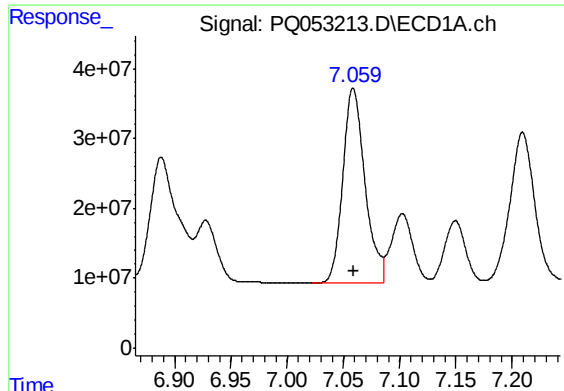
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 335567963
Conc: 384.75 ng/ml



#22 AR-1248-2

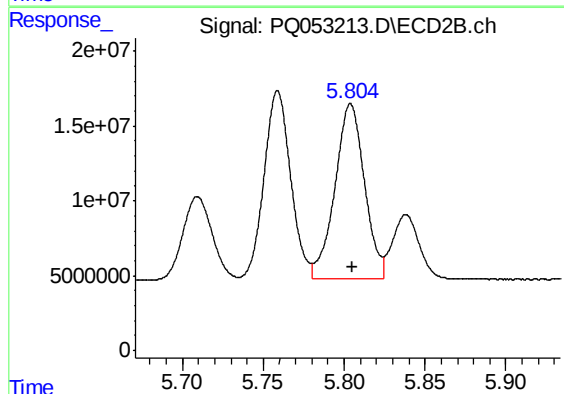
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 145123966
Conc: 390.30 ng/ml



#23 AR-1248-3

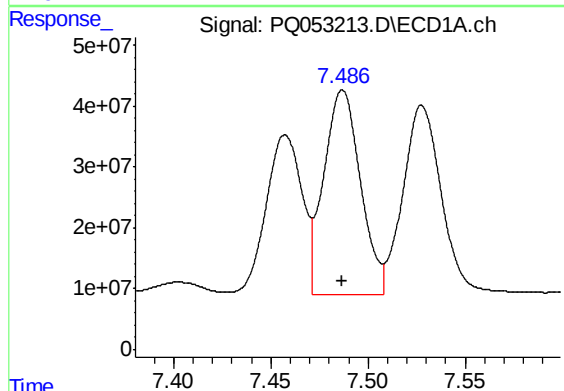
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 382649861
Conc: 390.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



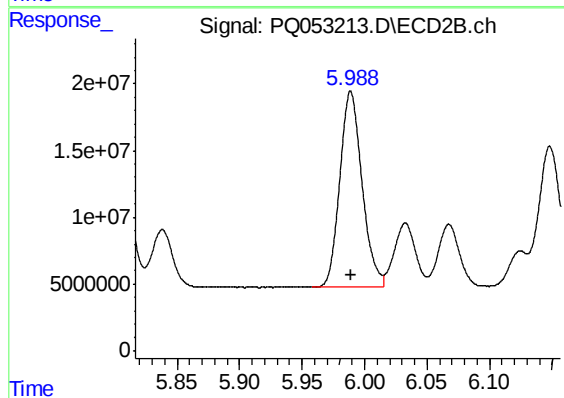
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 149612605
Conc: 391.86 ng/ml



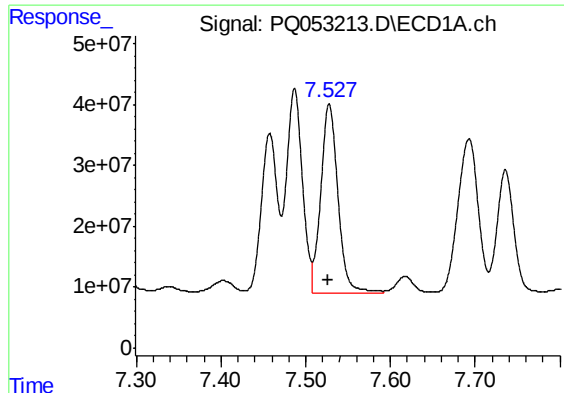
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 436721299
Conc: 382.17 ng/ml



#24 AR-1248-4

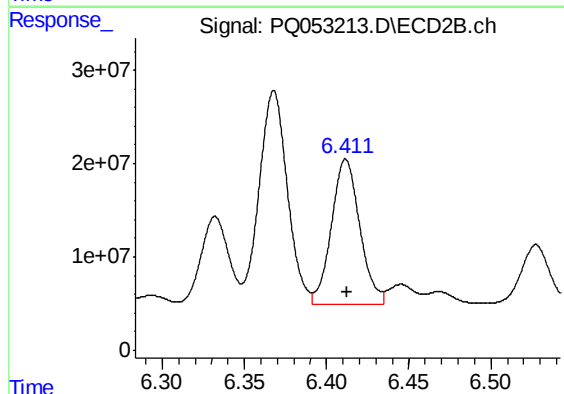
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 181619334
Conc: 388.50 ng/ml



#25 AR-1248-5

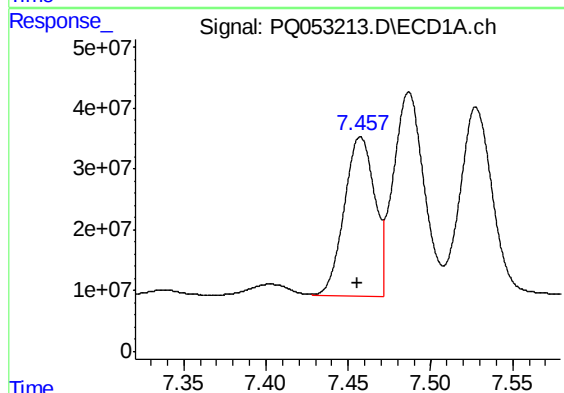
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 435155360
Conc: 381.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



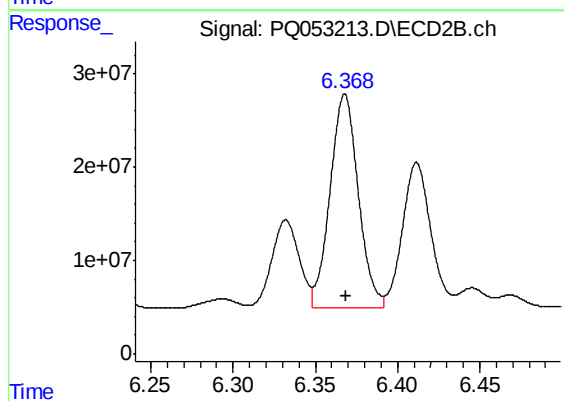
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 188154175
Conc: 382.38 ng/ml



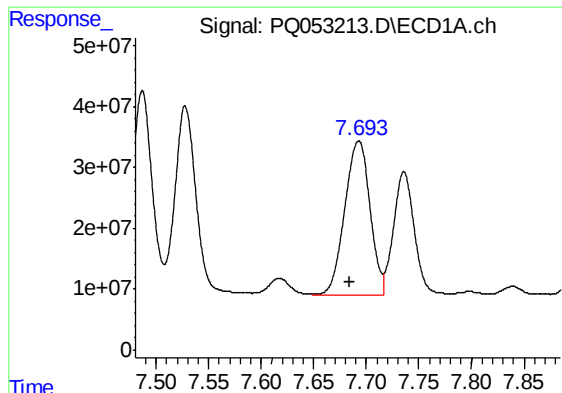
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.002 min
Response: 336538566
Conc: 214.08 ng/ml



#26 AR-1254-1

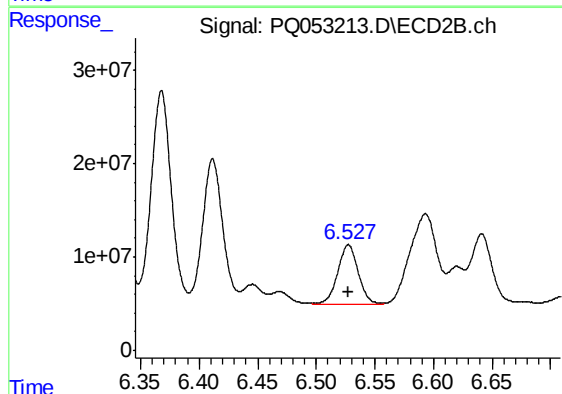
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 274491569
Conc: 256.00 ng/ml



#27 AR-1254-2

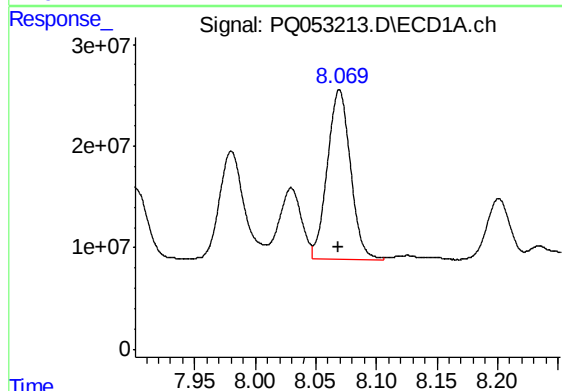
R.T.: 7.693 min
Delta R.T.: 0.008 min
Response: 423060644
Conc: 172.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



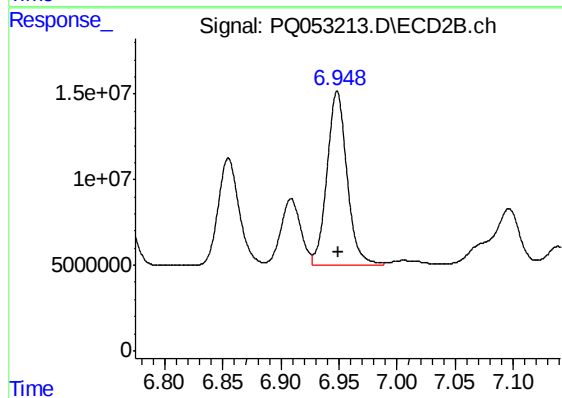
#27 AR-1254-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 78514860
Conc: 82.31 ng/ml



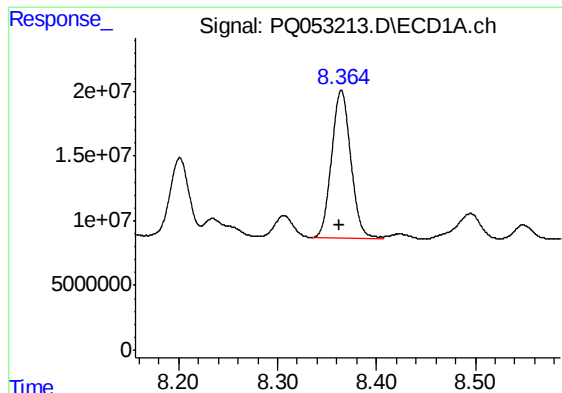
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.001 min
Response: 221113176
Conc: 84.02 ng/ml



#28 AR-1254-3

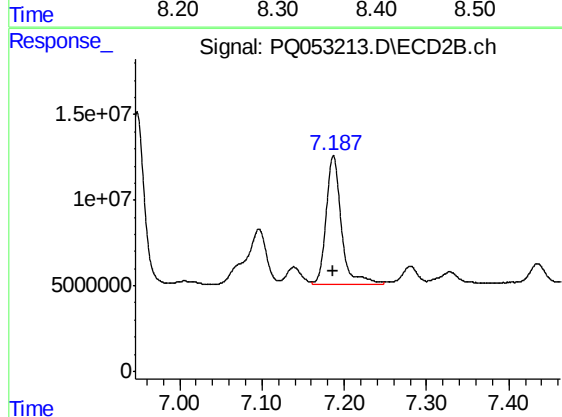
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 121102511
Conc: 78.19 ng/ml



#29 AR-1254-4

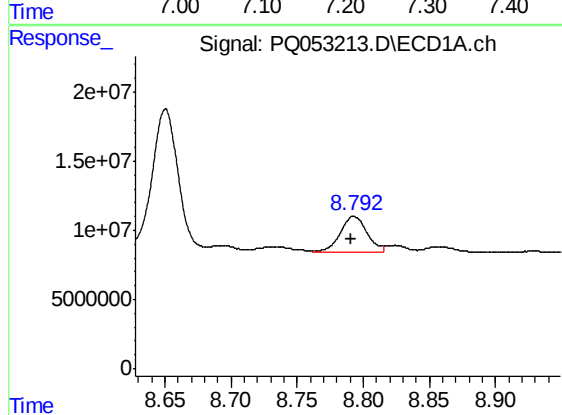
R.T.: 8.365 min
Delta R.T.: 0.002 min
Response: 153847938
Conc: 79.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



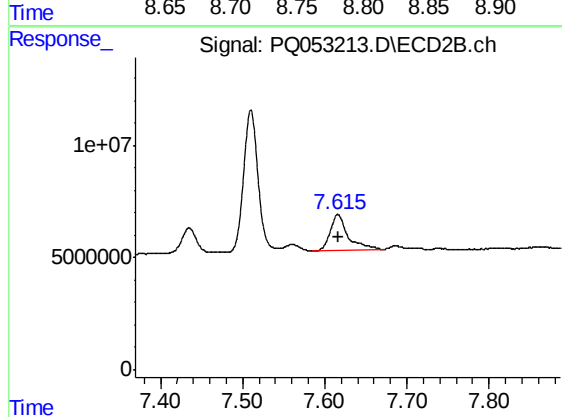
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 96170748
Conc: 91.85 ng/ml



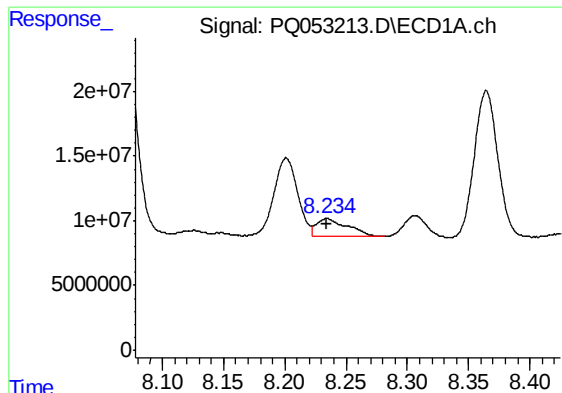
#30 AR-1254-5

R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 36235694
Conc: 17.71 ng/ml



#30 AR-1254-5

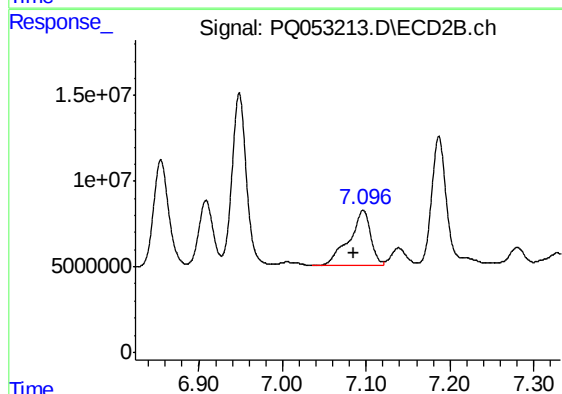
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 24051386
Conc: 16.48 ng/ml



#31 AR-1260-1

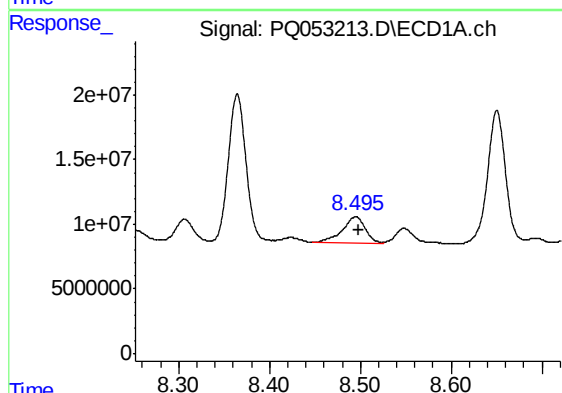
R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 23732733
Conc: 20.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



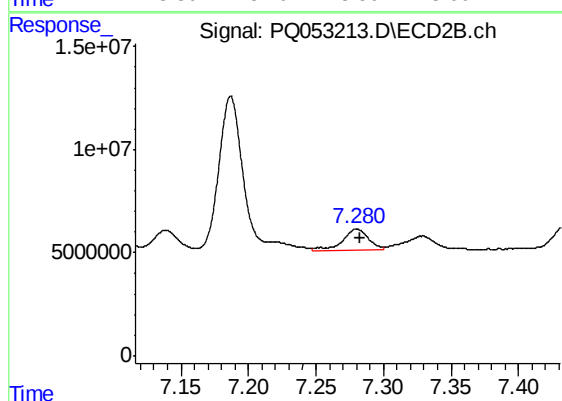
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.012 min
Response: 58637954
Conc: 90.49 ng/ml



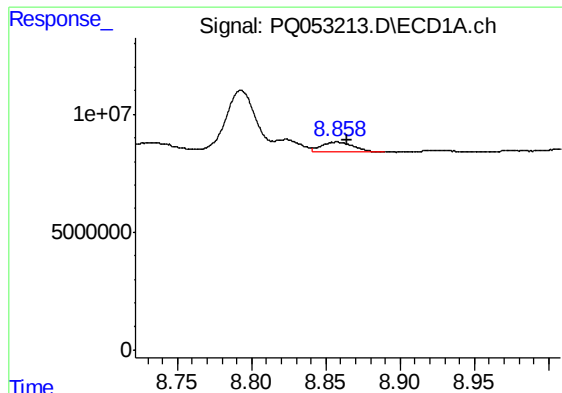
#32 AR-1260-2

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 34859778
Conc: 25.02 ng/ml



#32 AR-1260-2

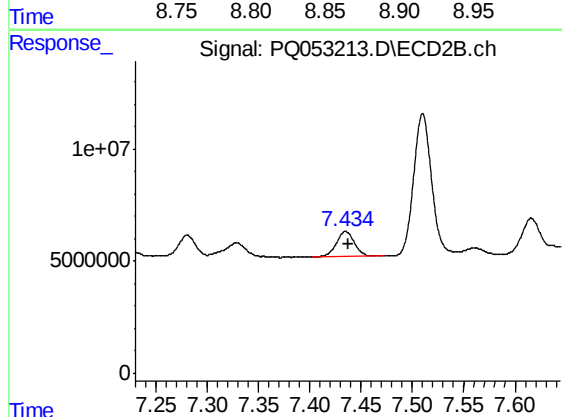
R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 13593202
Conc: 14.66 ng/ml



#33 AR-1260-3

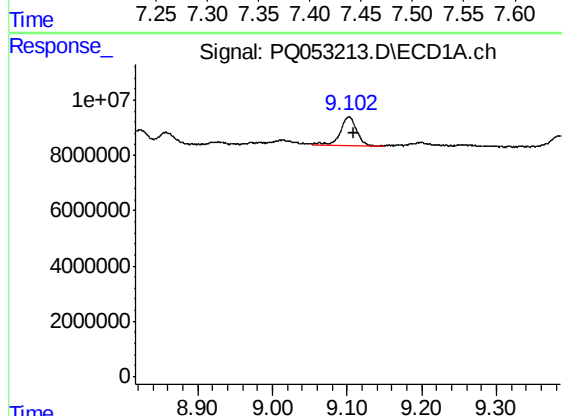
R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 6288974
Conc: 5.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



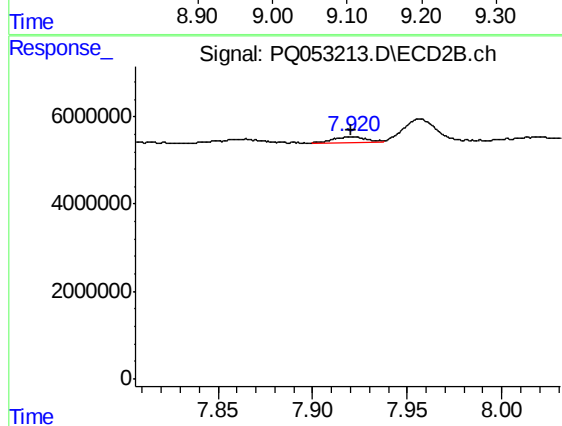
#33 AR-1260-3

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 13533778
Conc: 17.39 ng/ml



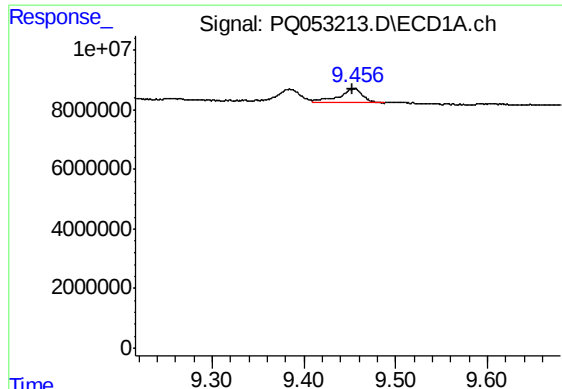
#34 AR-1260-4

R.T.: 9.102 min
Delta R.T.: -0.006 min
Response: 16086105
Conc: 13.28 ng/ml



#34 AR-1260-4

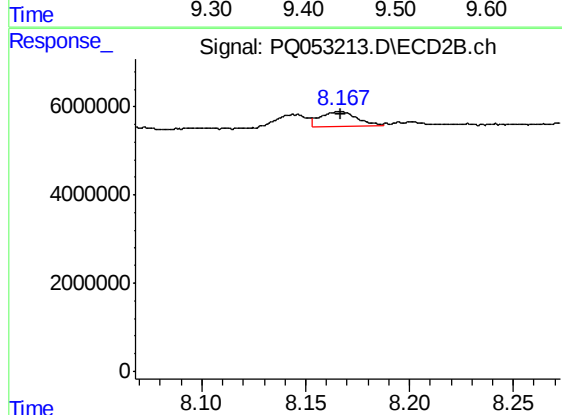
R.T.: 7.920 min
Delta R.T.: -0.001 min
Response: 1772142
Conc: 2.61 ng/ml



#35 AR-1260-5

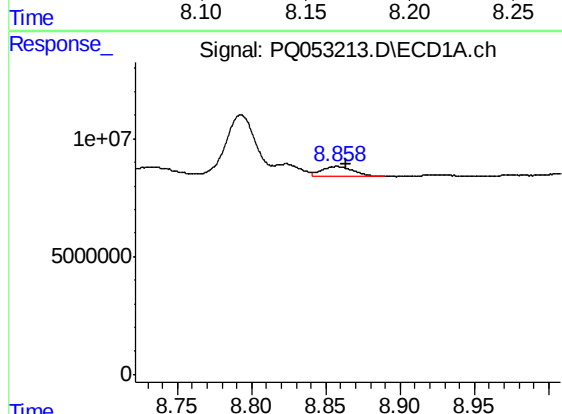
R.T.: 9.455 min
Delta R.T.: 0.002 min
Response: 8248126
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



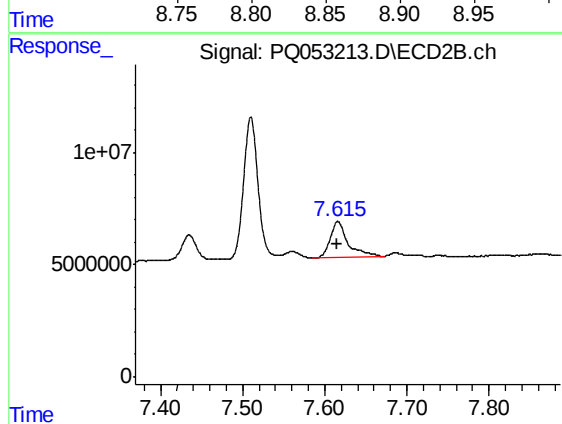
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 4316594
Conc: 2.33 ng/ml



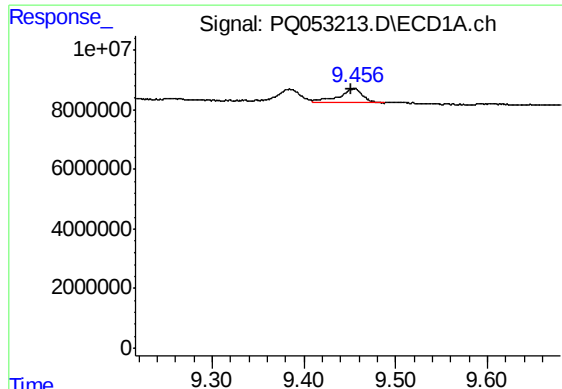
#36 AR-1262-1

R.T.: 8.857 min
Delta R.T.: -0.006 min
Response: 6288974
Conc: 3.14 ng/ml



#36 AR-1262-1

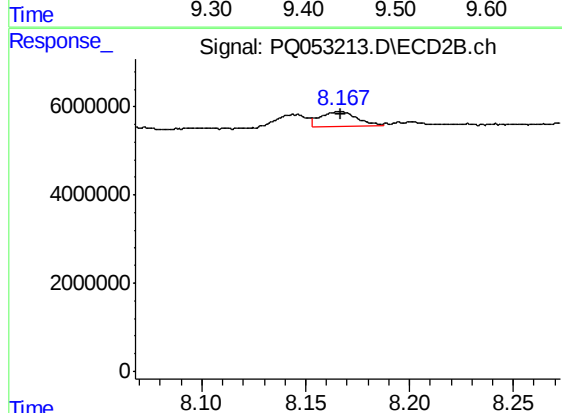
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 24051386
Conc: 39.24 ng/ml



#37 AR-1262-2

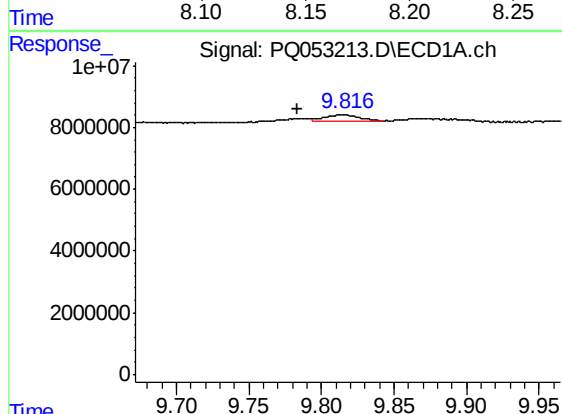
R.T.: 9.455 min
Delta R.T.: 0.004 min
Response: 8248126
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



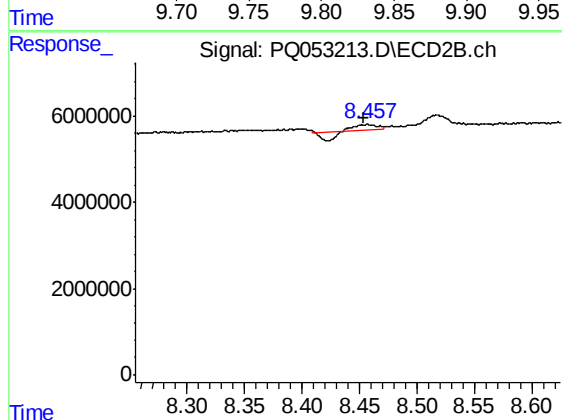
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 4316594
Conc: 1.70 ng/ml



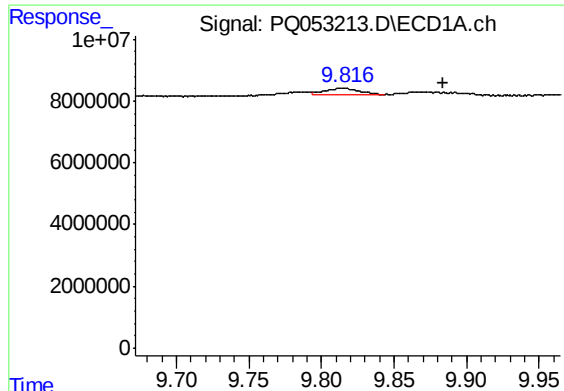
#38 AR-1262-3

R.T.: 9.814 min
Delta R.T.: 0.031 min
Response: 3734018
Conc: 1.49 ng/ml



#38 AR-1262-3

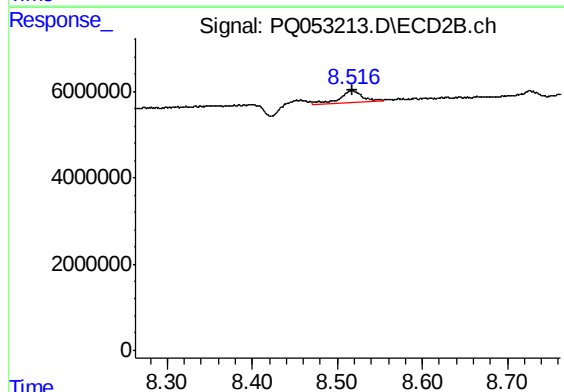
R.T.: 8.457 min
Delta R.T.: 0.003 min
Response: 202275
Conc: 0.20 ng/ml



#39 AR-1262-4

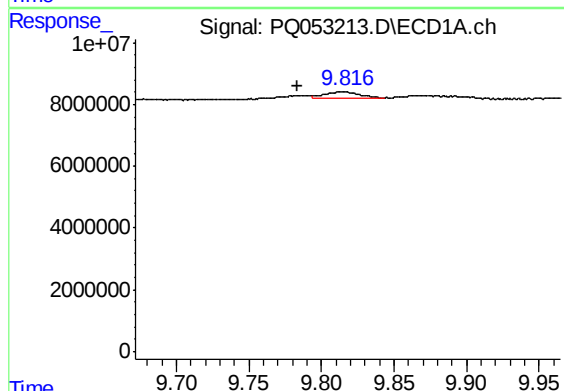
R.T.: 9.814 min
Delta R.T.: -0.069 min
Response: 3734018
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



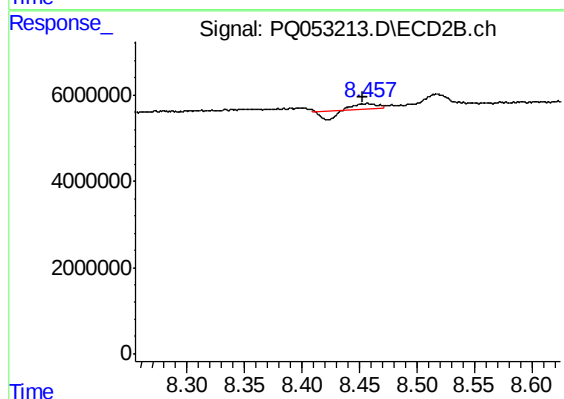
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 4942227
Conc: 2.87 ng/ml



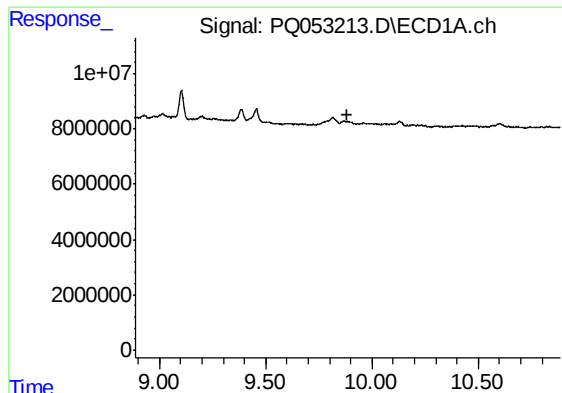
#41 AR-1268-1

R.T.: 9.814 min
Delta R.T.: 0.031 min
Response: 3734018
Conc: 0.84 ng/ml



#41 AR-1268-1

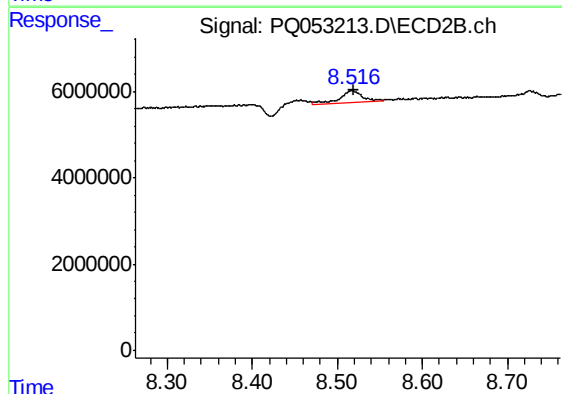
R.T.: 8.457 min
Delta R.T.: 0.004 min
Response: 202275
Conc: 0.07 ng/ml



#42 AR-1268-2

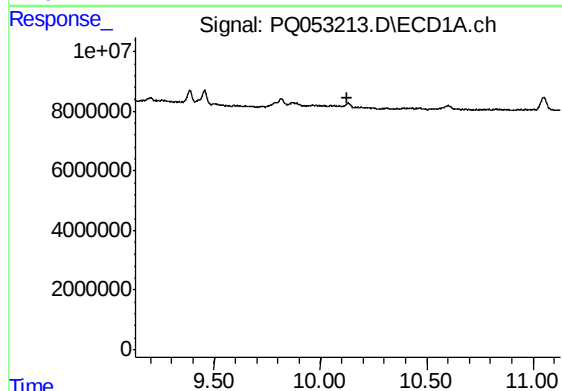
R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12483011



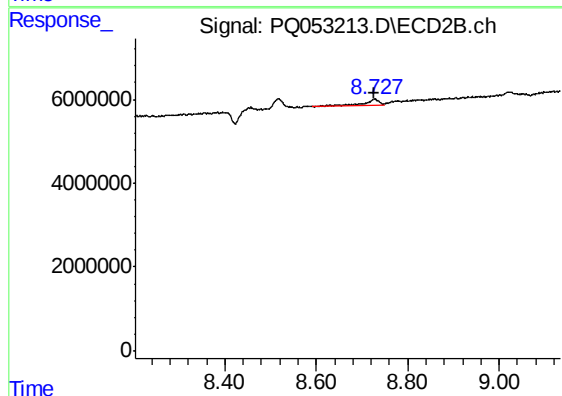
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 4942227
Conc: 1.99 ng/ml



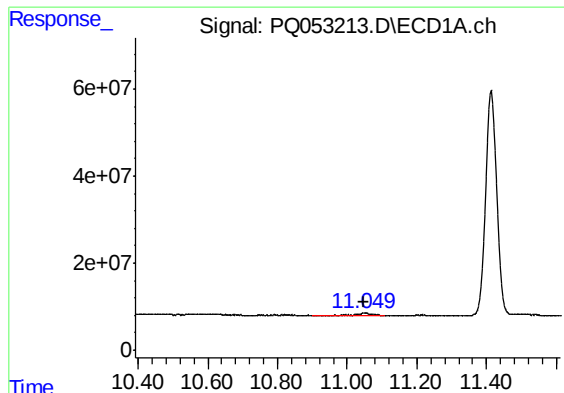
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

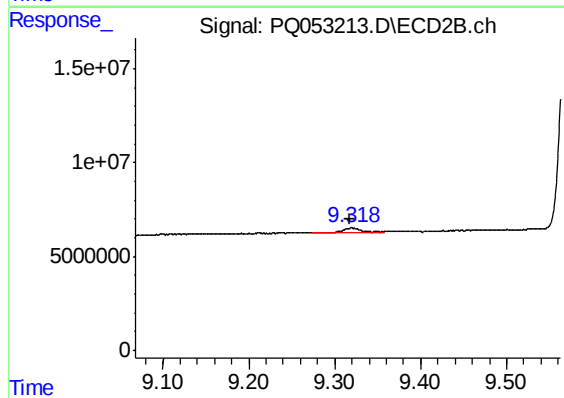
R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 2958330
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: 0.002 min
Response: 9868934
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483011



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: 0.003 min
Response: 3134436
Conc: 0.51 ng/ml