

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042321\
 Data File : PQ053173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2021 10:16
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483009

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 01:50:38 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...	5.221	4.237	535.5E6	213.6E6	19.083	18.369
2)	SA Decachlor...	11.414	9.580	1079.4E6	460.0E6	38.164	36.960
Target Compounds							
3)	L1 AR-1016-1	6.545	5.495	226.3E6	97941386	232.254	222.389
4)	L1 AR-1016-2	6.571	5.516	273.2E6	101.3E6	187.862	160.047
5)	L1 AR-1016-3	6.637	5.710	130.9E6	64259849	148.853	194.861 #
6)	L1 AR-1016-4	6.743	5.759	151.2E6	132.2E6	208.749	507.099 #
7)	L1 AR-1016-5	7.058	5.989	355.4E6	166.3E6	514.620	500.494
9)	L2 AR-1221-2	5.576	4.593	9090363	3160388	44.055	35.568
10)	L2 AR-1221-3	5.658	4.682	16889801	6760177	24.331	21.891
11)	L3 AR-1232-1	5.658	4.682	16889801	6760177	32.523	29.614
12)	L3 AR-1232-2	6.251	5.516	92713918	101.3E6	331.105	414.454 #
13)	L3 AR-1232-3	6.571	5.710	273.2E6	64259849	476.466	525.422
14)	L3 AR-1232-4	6.743	5.804	151.2E6	135.9E6	528.718	1298.277 #
15)	L3 AR-1232-5	6.839	5.989	315.2E6	166.3E6	1544.505	1418.067
16)	L4 AR-1242-1	6.545	5.495	226.3E6	97941386	249.549	244.345
17)	L4 AR-1242-2	6.571	5.516	273.2E6	101.3E6	201.136	173.603
18)	L4 AR-1242-3	6.637	5.710	130.9E6	64259849	158.578	212.120 #
19)	L4 AR-1242-4	6.743	5.804	151.2E6	135.9E6	220.723	477.870 #
20)	L4 AR-1242-5	7.527	6.368	411.6E6	254.6E6	564.203	642.706
21)	L5 AR-1248-1	6.545	5.495	226.3E6	97941386	365.697	359.585
22)	L5 AR-1248-2	6.839	5.759	315.2E6	132.2E6	361.366	355.497
23)	L5 AR-1248-3	7.058	5.804	355.4E6	135.9E6	362.612	356.026
24)	L5 AR-1248-4	7.487	5.989	412.9E6	166.3E6	361.330	355.793
25)	L5 AR-1248-5	7.527	6.411	411.6E6	176.5E6	361.162	358.603
26)	L6 AR-1254-1	7.456	6.368	316.7E6	254.6E6	201.485	237.469
27)	L6 AR-1254-2	7.692	6.527	398.8E6	71651389	162.872	75.119 #
28)	L6 AR-1254-3	8.069	6.949	208.6E6	112.6E6	79.269	72.718
29)	L6 AR-1254-4	8.364	7.187	147.5E6	92769688	76.648	88.598
30)	L6 AR-1254-5	8.793	7.617	33768661	23984108	16.507	16.436
31)	L7 AR-1260-1	8.234	7.097	21550777	55372722	18.719	85.447 #
32)	L7 AR-1260-2	8.493	7.281	33461015	12048412	24.016	12.998 #
33)	L7 AR-1260-3	8.857	7.436	6394809	12125952	5.973	15.584 #
34)	L7 AR-1260-4	9.101	7.921	14061996	1427153	11.613	2.102 #
35)	L7 AR-1260-5	9.453	8.167	7109432	3166413	2.779	1.712 #
36)	L8 AR-1262-1	8.857	7.617	6394809	23984108	3.197	39.126 #
37)	L8 AR-1262-2	9.453	8.167	7109432	3166413	1.916	1.246 #
38)	L8 AR-1262-3	9.814	8.453	4017710	565621	1.601	0.557 #
39)	L8 AR-1262-4	9.814f	8.518	4017710	3430827	2.010	1.991
41)	L9 AR-1268-1	9.814	8.453	4017710	565621	0.903	0.193 #
42)	L9 AR-1268-2	0.000	8.518	0	3430827	N.D.	1.378 #
43)	L9 AR-1268-3	0.000	8.729	0	1621414	N.D.	0.748 #
45)	L9 AR-1268-5	11.052	9.319	8355023	3008403	0.649	0.485 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042321\
Data File : PQ053173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2021 10:16
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12483009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 01:50:38 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

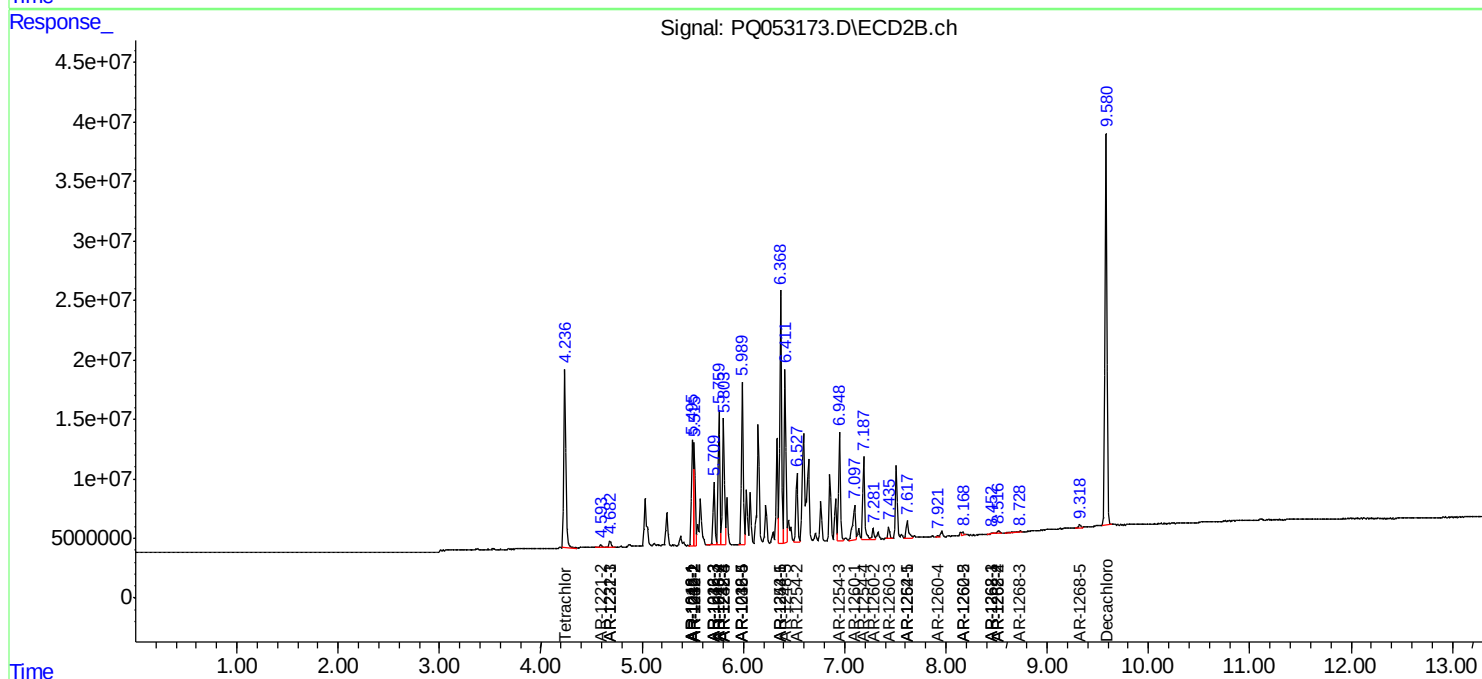
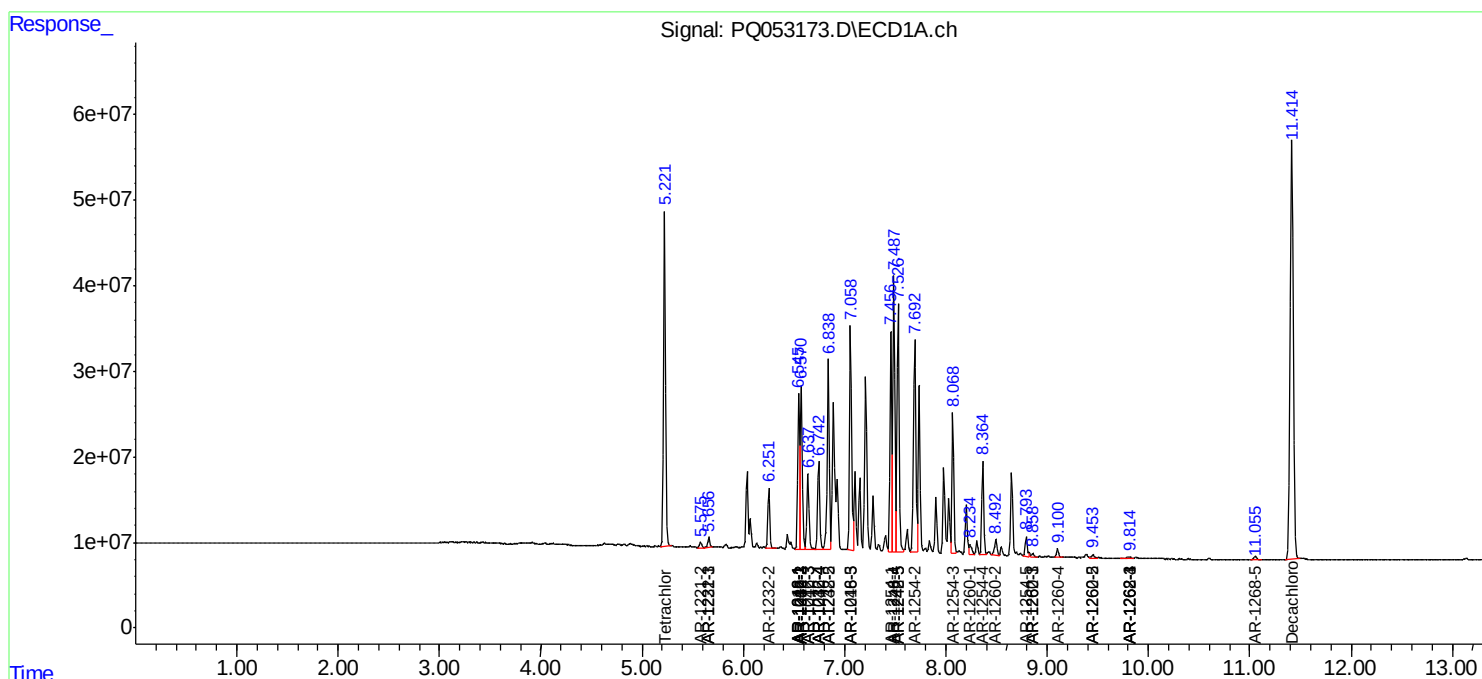
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

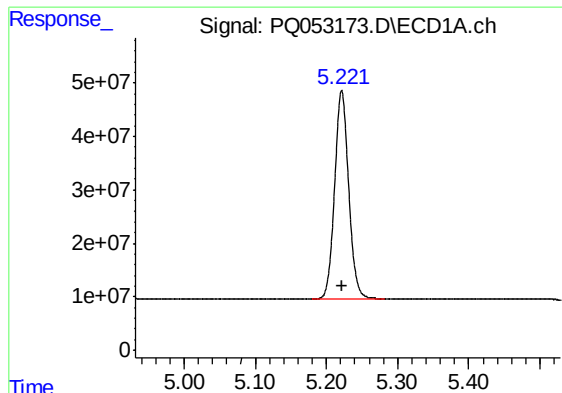
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042321\
Data File : PQ053173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2021 10:16
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
AR12483009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 01:50:38 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

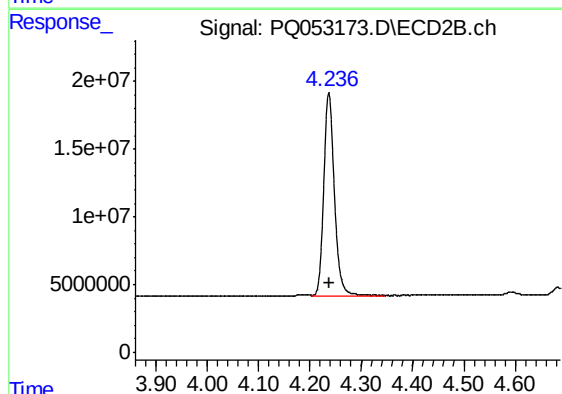




#1 Tetrachloro-m-xylene

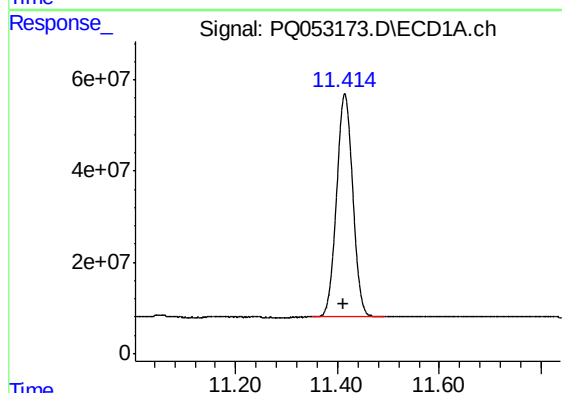
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 535460017
Conc: 19.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



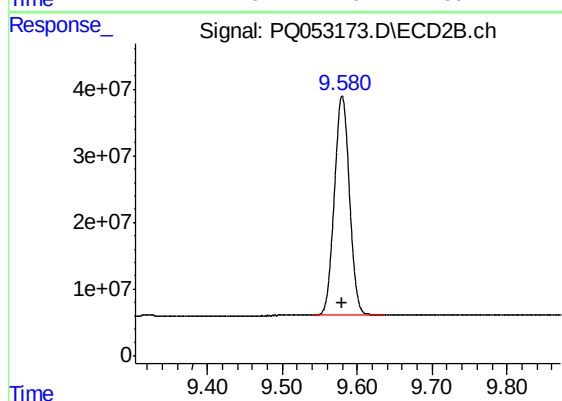
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 213604081
Conc: 18.37 ng/ml



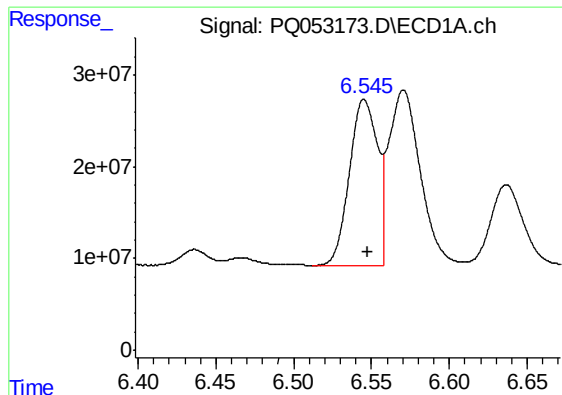
#2 Decachlorobiphenyl

R.T.: 11.414 min
Delta R.T.: 0.003 min
Response: 1079370395
Conc: 38.16 ng/ml



#2 Decachlorobiphenyl

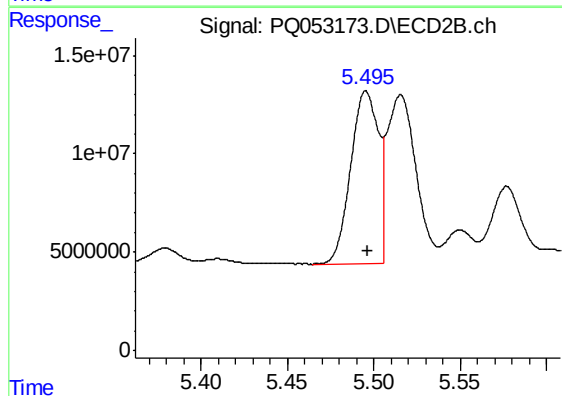
R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 460012687
Conc: 36.96 ng/ml



#3 AR-1016-1

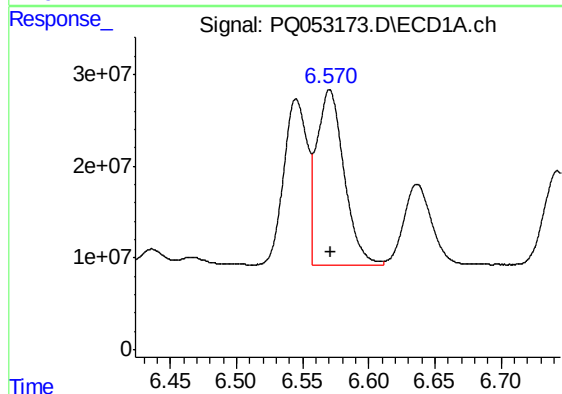
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 226284705
Conc: 232.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



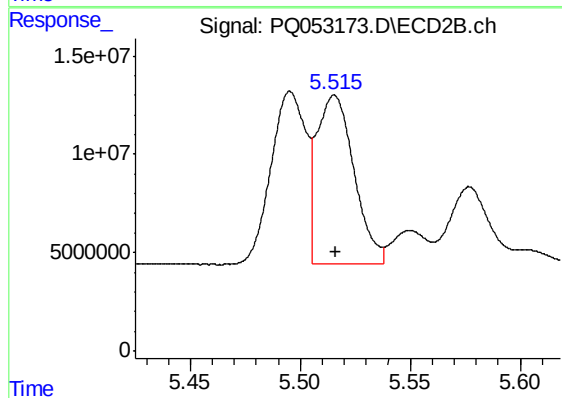
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 97941386
Conc: 222.39 ng/ml



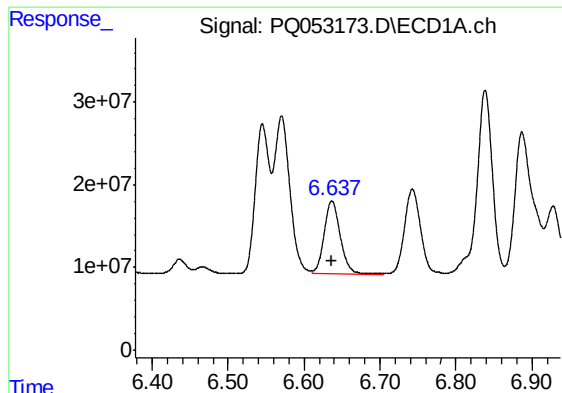
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 273169644
Conc: 187.86 ng/ml



#4 AR-1016-2

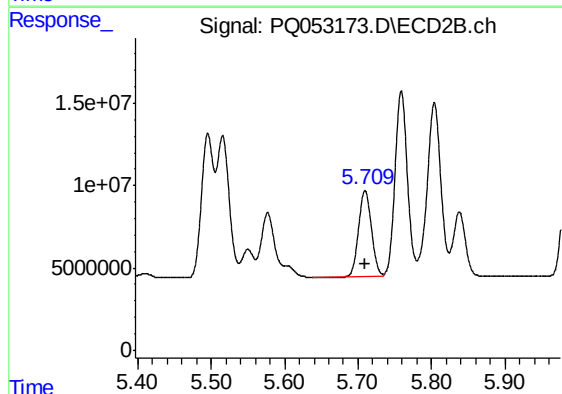
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 101258682
Conc: 160.05 ng/ml



#5 AR-1016-3

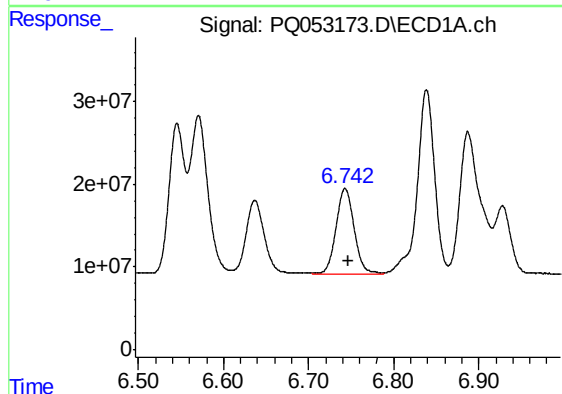
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 130866056
Conc: 148.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



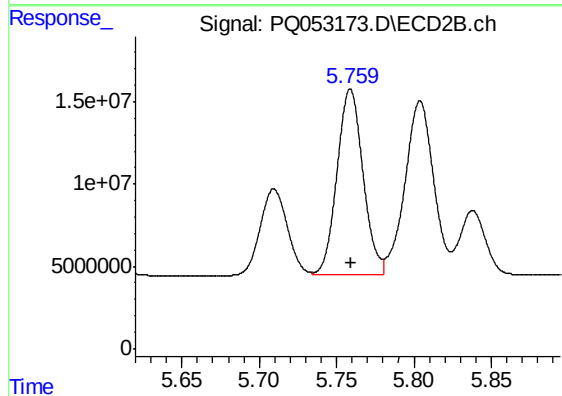
#5 AR-1016-3

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 64259849
Conc: 194.86 ng/ml



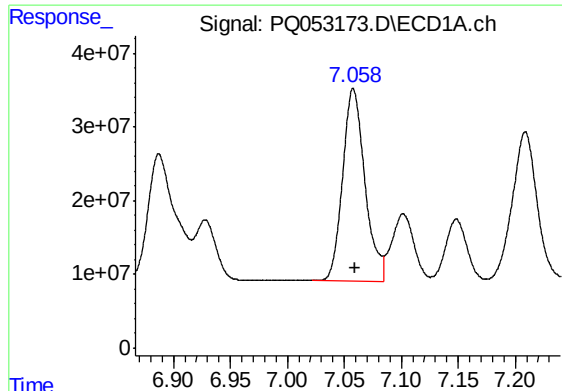
#6 AR-1016-4

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 151218667
Conc: 208.75 ng/ml



#6 AR-1016-4

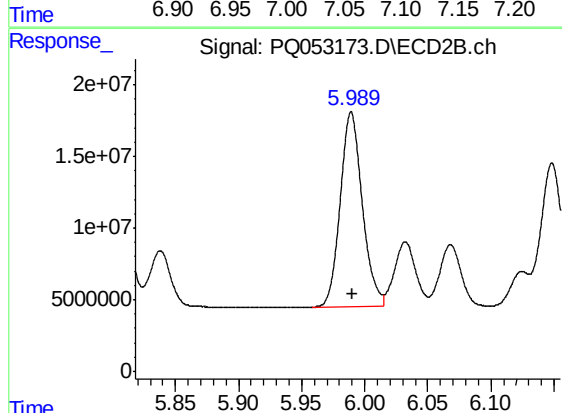
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 132182725
Conc: 507.10 ng/ml



#7 AR-1016-5

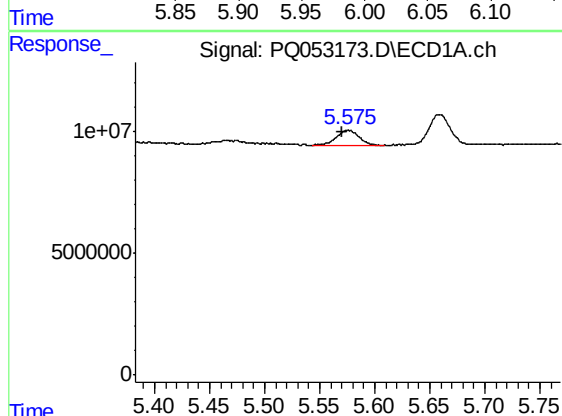
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 355444013
Conc: 514.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



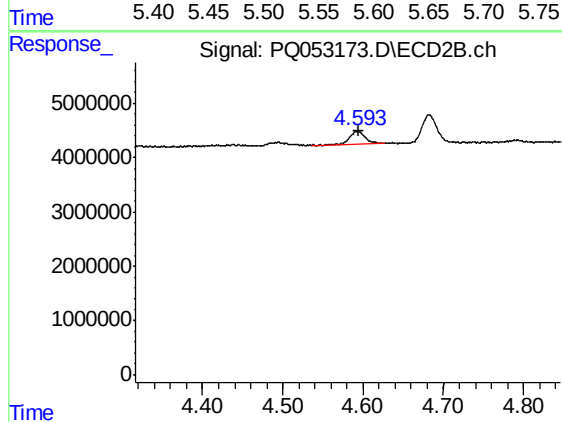
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 166329629
Conc: 500.49 ng/ml



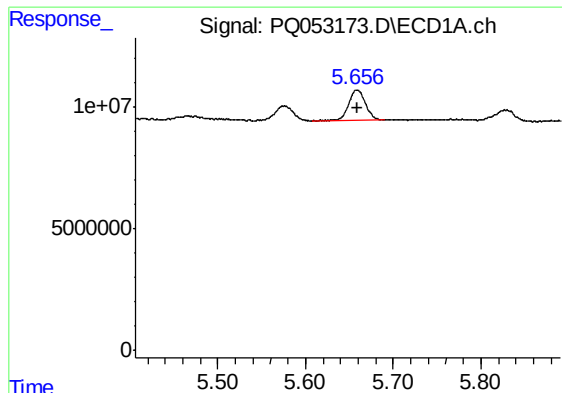
#9 AR-1221-2

R.T.: 5.576 min
Delta R.T.: 0.005 min
Response: 9090363
Conc: 44.06 ng/ml



#9 AR-1221-2

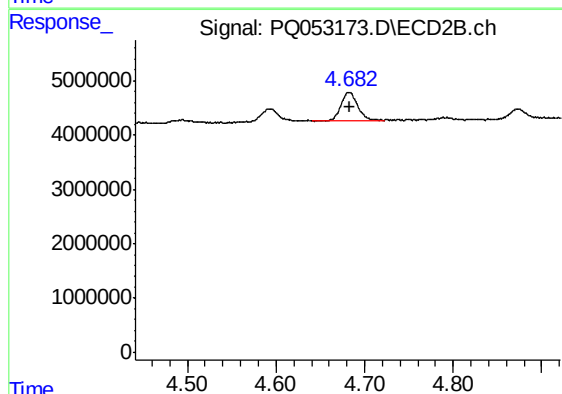
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 3160388
Conc: 35.57 ng/ml



#10 AR-1221-3

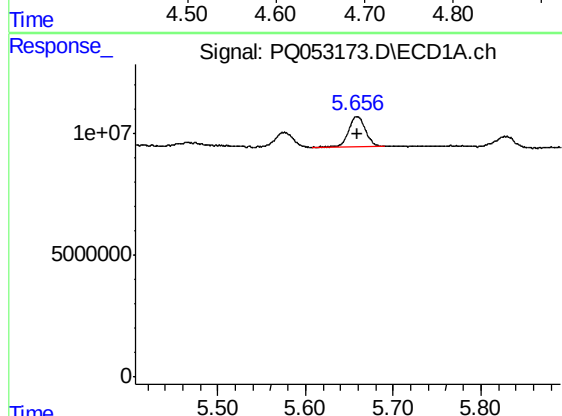
R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 16889801
Conc: 24.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



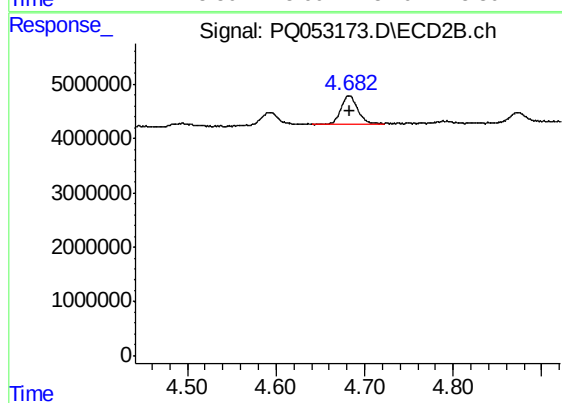
#10 AR-1221-3

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 6760177
Conc: 21.89 ng/ml



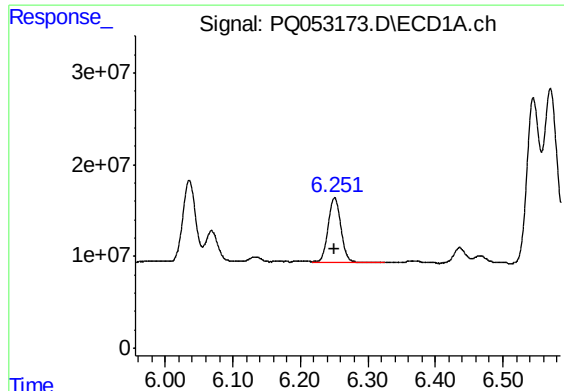
#11 AR-1232-1

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 16889801
Conc: 32.52 ng/ml



#11 AR-1232-1

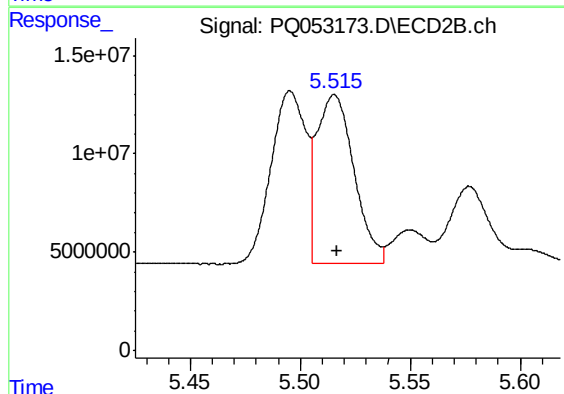
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 6760177
Conc: 29.61 ng/ml



#12 AR-1232-2

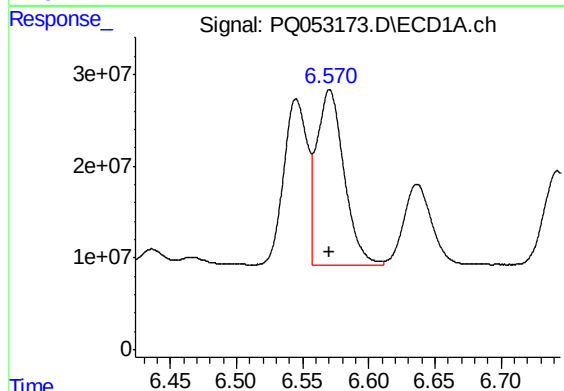
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 92713918
Conc: 331.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



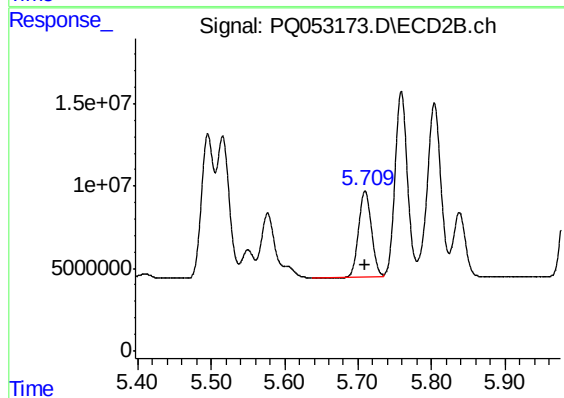
#12 AR-1232-2

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 101258682
Conc: 414.45 ng/ml



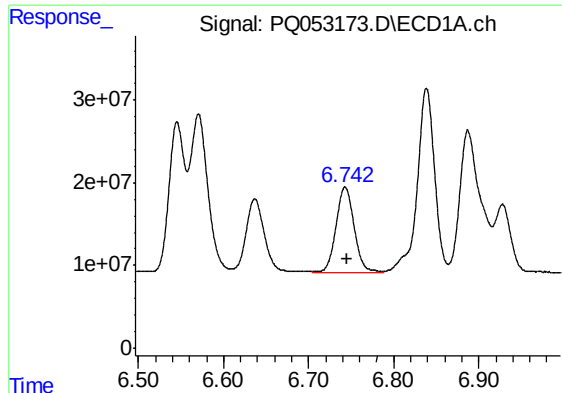
#13 AR-1232-3

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 273169644
Conc: 476.47 ng/ml



#13 AR-1232-3

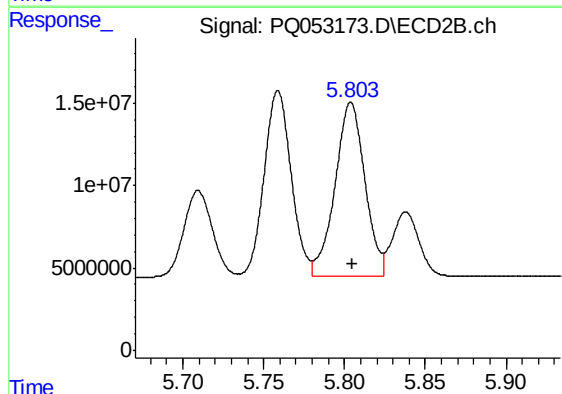
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 64259849
Conc: 525.42 ng/ml



#14 AR-1232-4

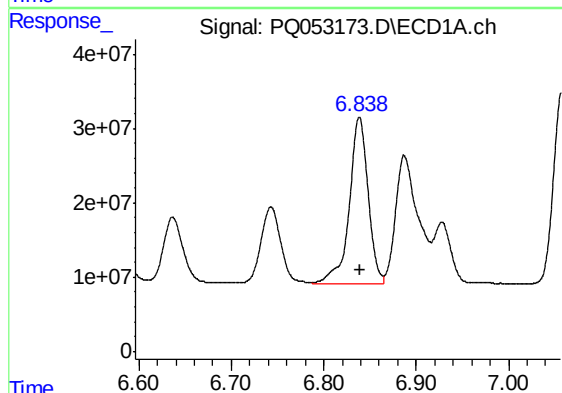
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 151218667
Conc: 528.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



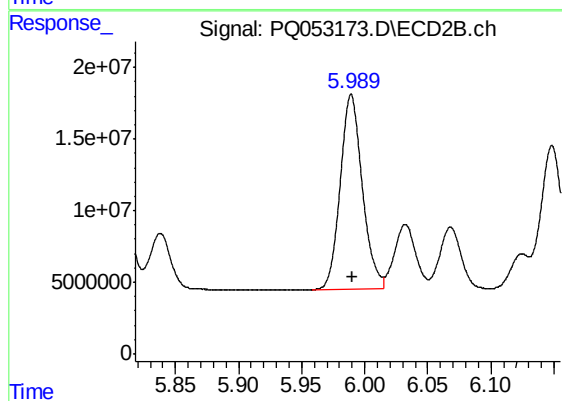
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 135929701
Conc: 1298.28 ng/ml



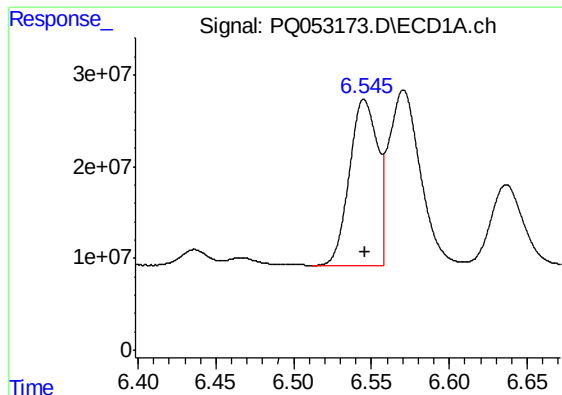
#15 AR-1232-5

R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 315175745
Conc: 1544.51 ng/ml



#15 AR-1232-5

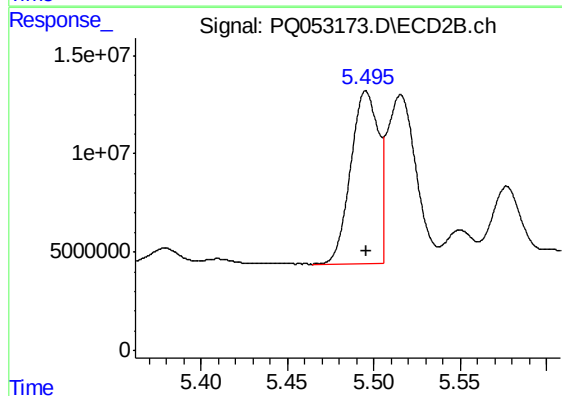
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 166329629
Conc: 1418.07 ng/ml



#16 AR-1242-1

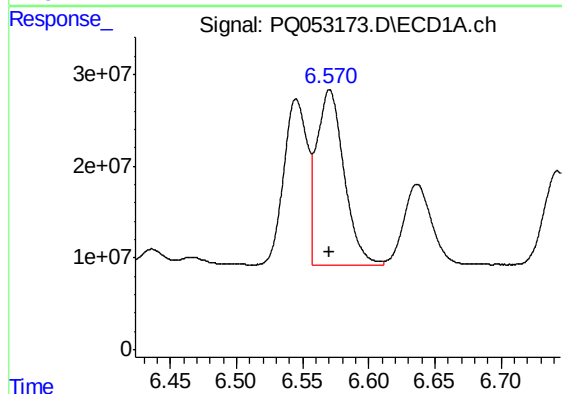
R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 226284705
Conc: 249.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



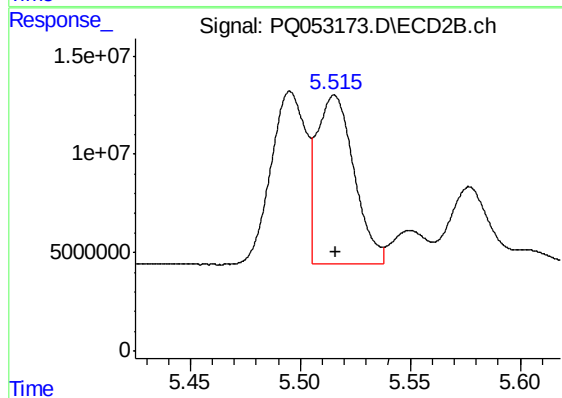
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 97941386
Conc: 244.34 ng/ml



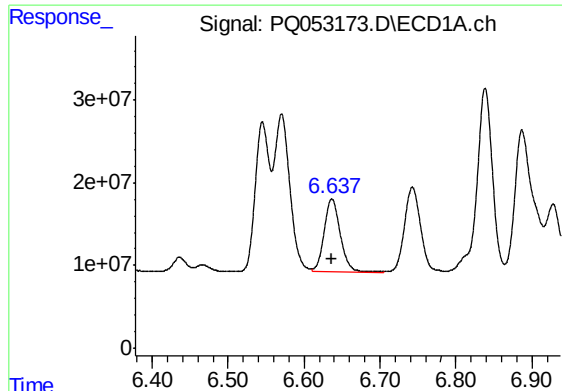
#17 AR-1242-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 273169644
Conc: 201.14 ng/ml



#17 AR-1242-2

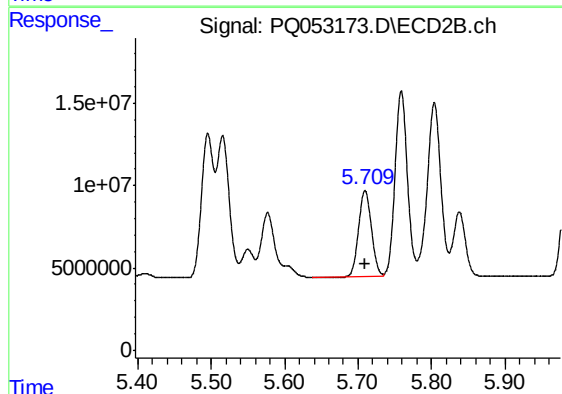
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 101258682
Conc: 173.60 ng/ml



#18 AR-1242-3

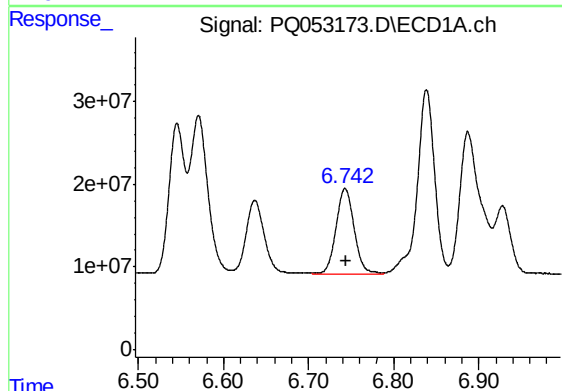
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 130866056
Conc: 158.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



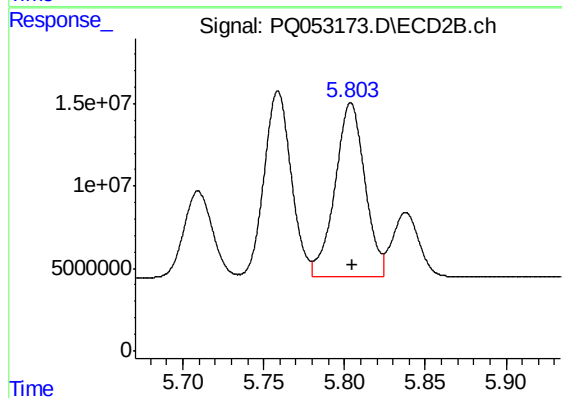
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 64259849
Conc: 212.12 ng/ml



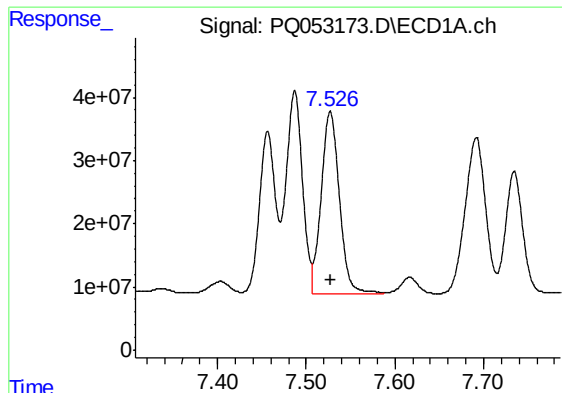
#19 AR-1242-4

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 151218667
Conc: 220.72 ng/ml



#19 AR-1242-4

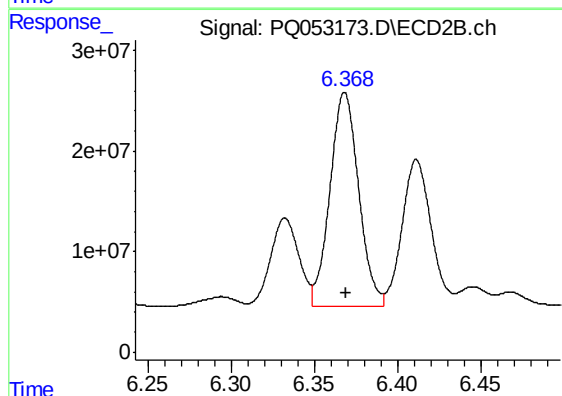
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 135929701
Conc: 477.87 ng/ml



#20 AR-1242-5

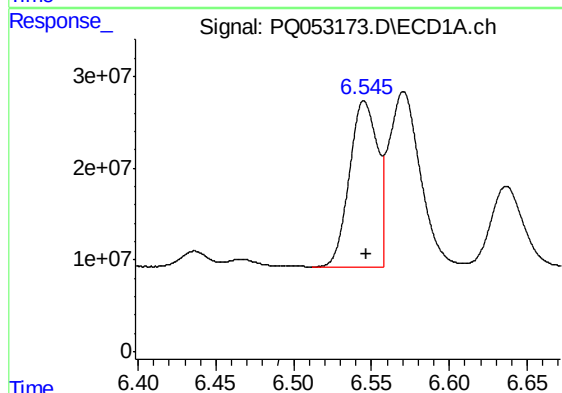
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 411593317
Conc: 564.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



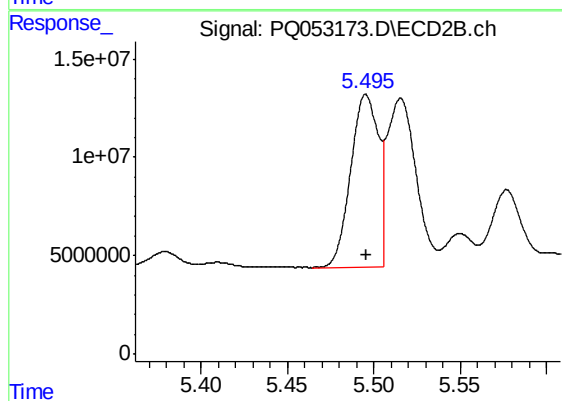
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 254622265
Conc: 642.71 ng/ml



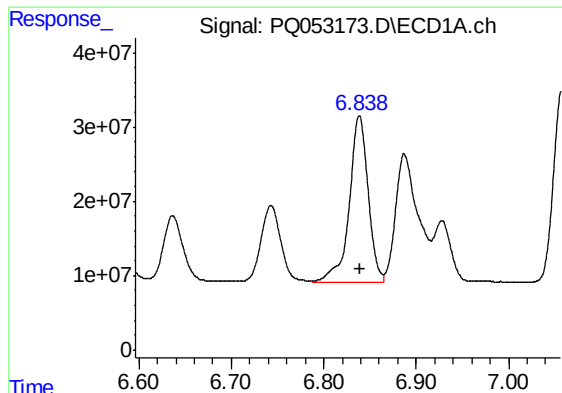
#21 AR-1248-1

R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 226284705
Conc: 365.70 ng/ml



#21 AR-1248-1

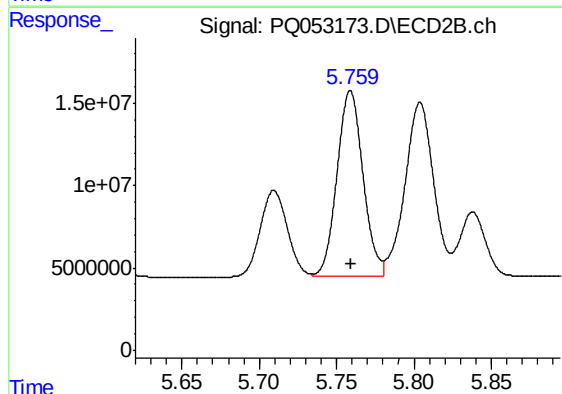
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 97941386
Conc: 359.58 ng/ml



#22 AR-1248-2

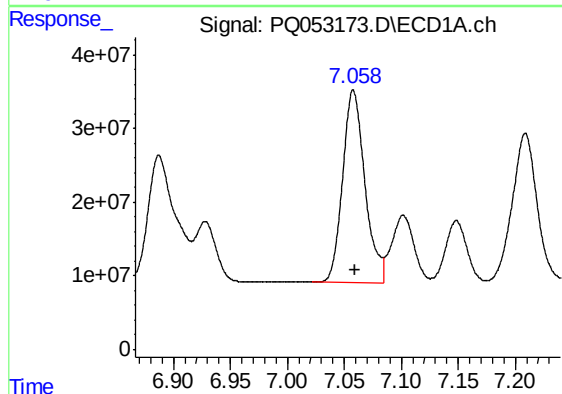
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 315175745
Conc: 361.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



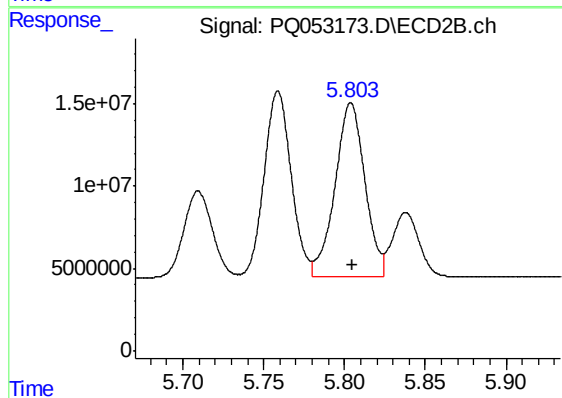
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 132182725
Conc: 355.50 ng/ml



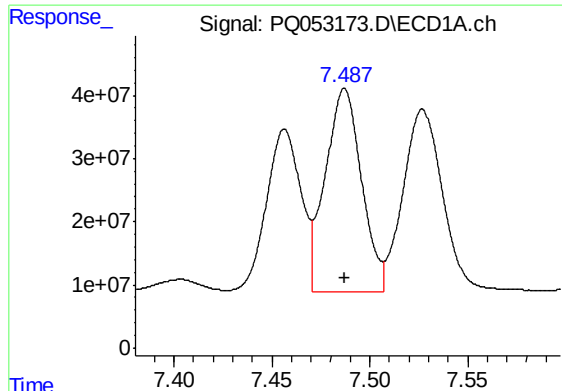
#23 AR-1248-3

R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 355444013
Conc: 362.61 ng/ml



#23 AR-1248-3

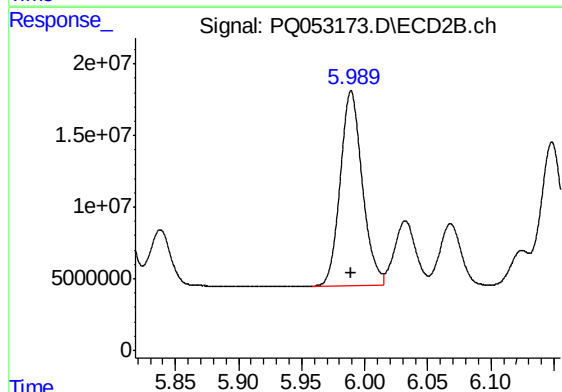
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 135929701
Conc: 356.03 ng/ml



#24 AR-1248-4

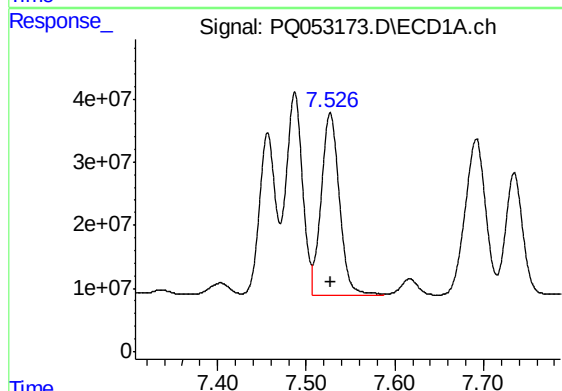
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 412902721
Conc: 361.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



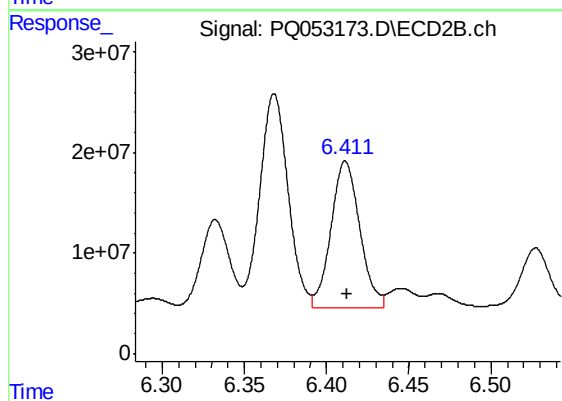
#24 AR-1248-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 166329629
Conc: 355.79 ng/ml



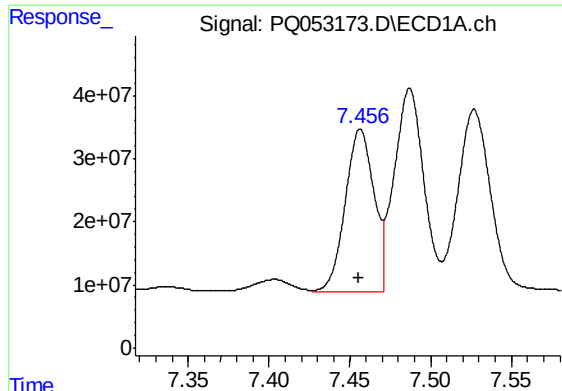
#25 AR-1248-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 411593317
Conc: 361.16 ng/ml



#25 AR-1248-5

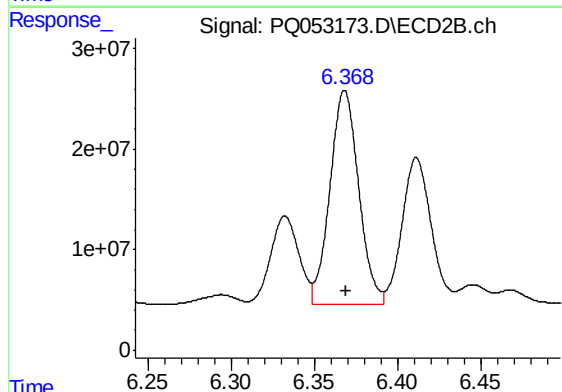
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 176453005
Conc: 358.60 ng/ml



#26 AR-1254-1

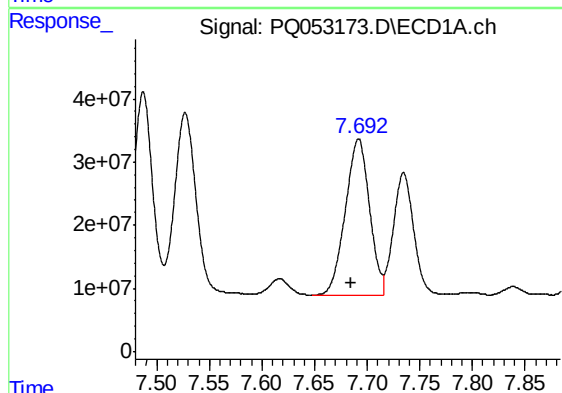
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 316744875
Conc: 201.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



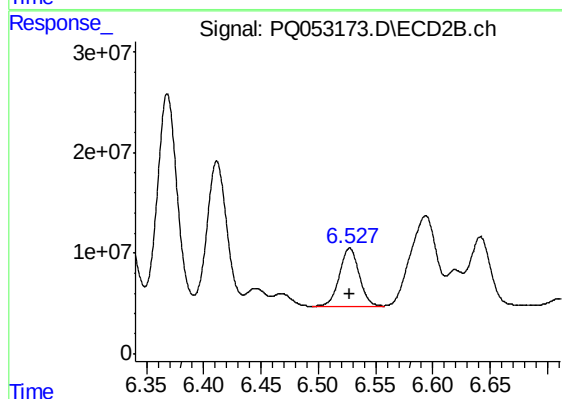
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 254622265
Conc: 237.47 ng/ml



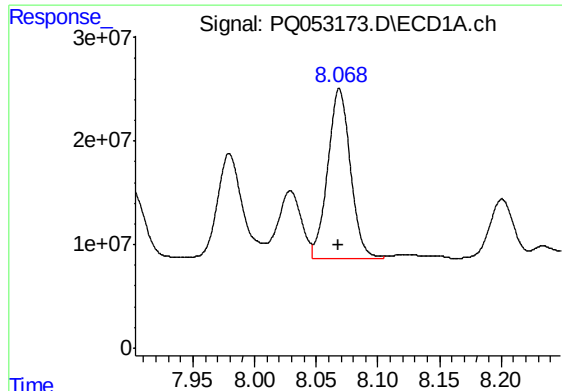
#27 AR-1254-2

R.T.: 7.692 min
Delta R.T.: 0.007 min
Response: 398753618
Conc: 162.87 ng/ml



#27 AR-1254-2

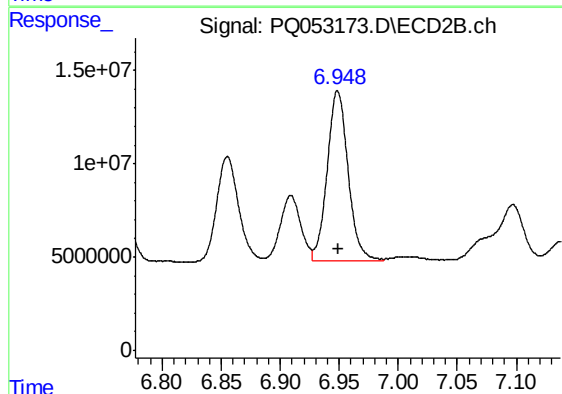
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 71651389
Conc: 75.12 ng/ml



#28 AR-1254-3

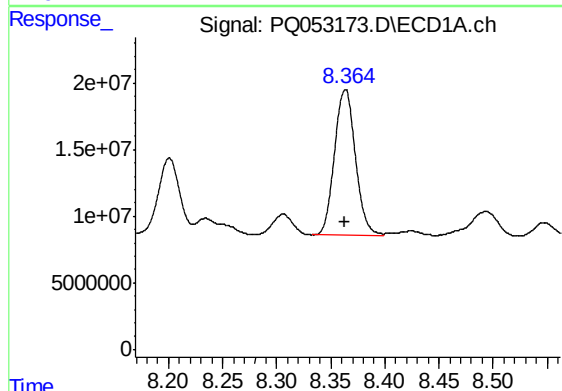
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 208603620
Conc: 79.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



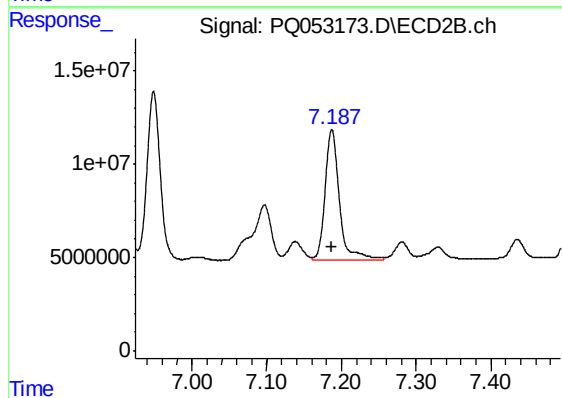
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 112627596
Conc: 72.72 ng/ml



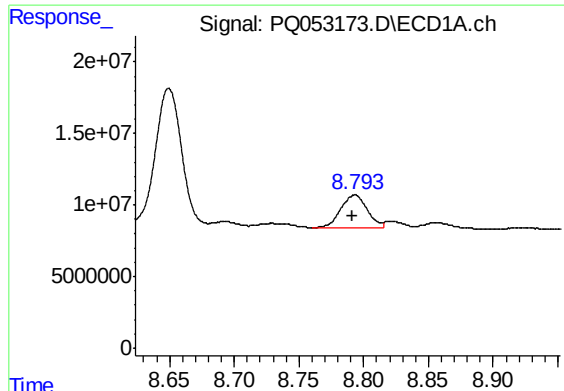
#29 AR-1254-4

R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 147512505
Conc: 76.65 ng/ml



#29 AR-1254-4

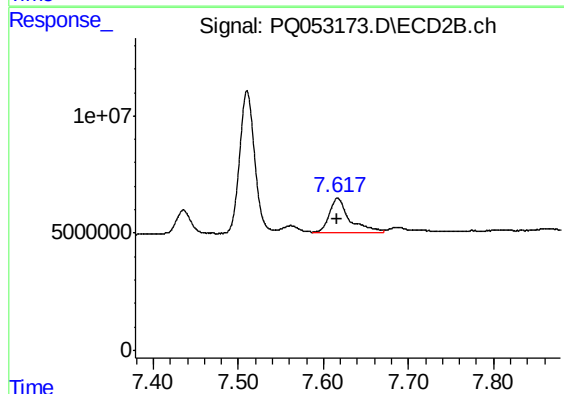
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 92769688
Conc: 88.60 ng/ml



#30 AR-1254-5

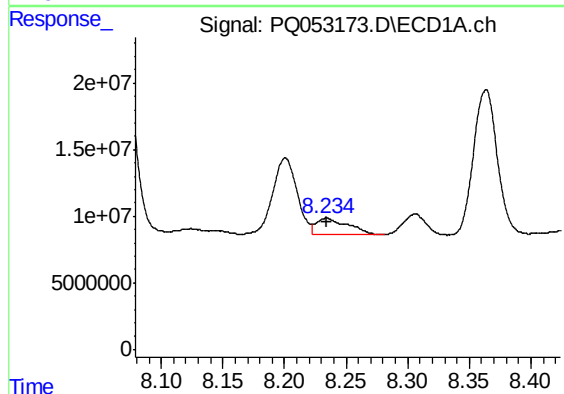
R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 33768661
Conc: 16.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



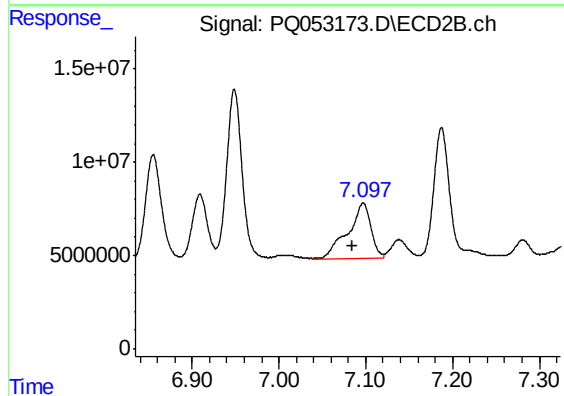
#30 AR-1254-5

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 23984108
Conc: 16.44 ng/ml



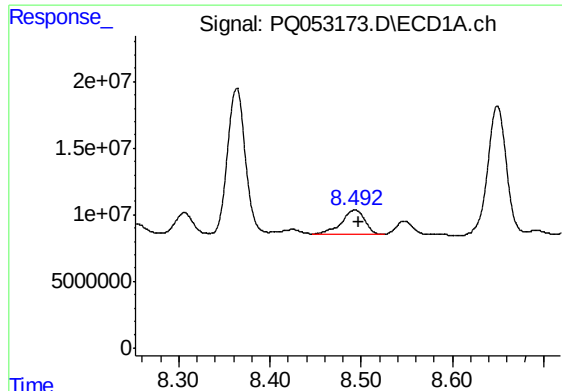
#31 AR-1260-1

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 21550777
Conc: 18.72 ng/ml



#31 AR-1260-1

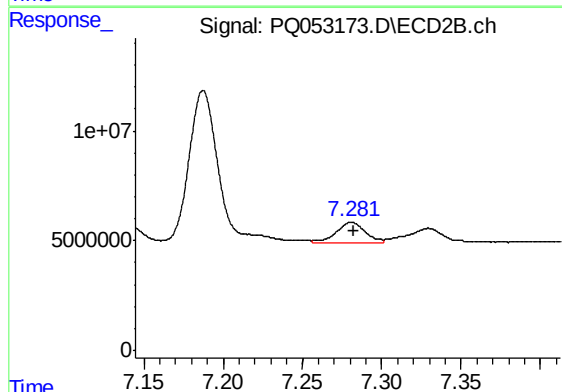
R.T.: 7.097 min
Delta R.T.: 0.013 min
Response: 55372722
Conc: 85.45 ng/ml



#32 AR-1260-2

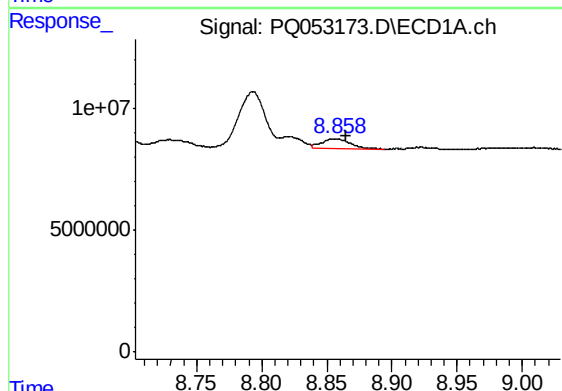
R.T.: 8.493 min
Delta R.T.: -0.005 min
Response: 33461015
Conc: 24.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



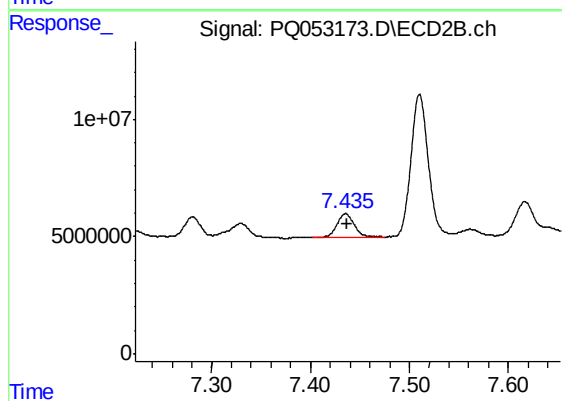
#32 AR-1260-2

R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 12048412
Conc: 13.00 ng/ml



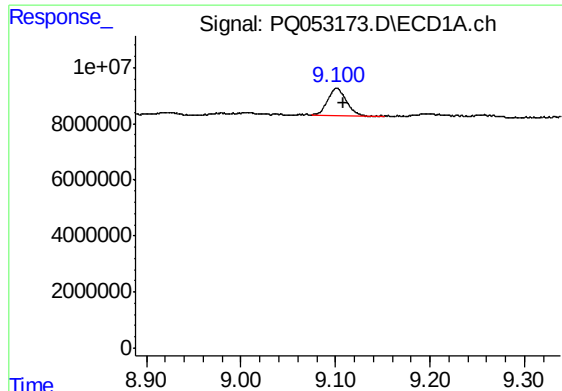
#33 AR-1260-3

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 6394809
Conc: 5.97 ng/ml



#33 AR-1260-3

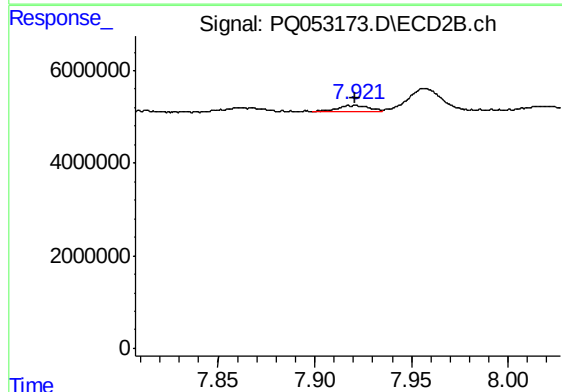
R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 12125952
Conc: 15.58 ng/ml



#34 AR-1260-4

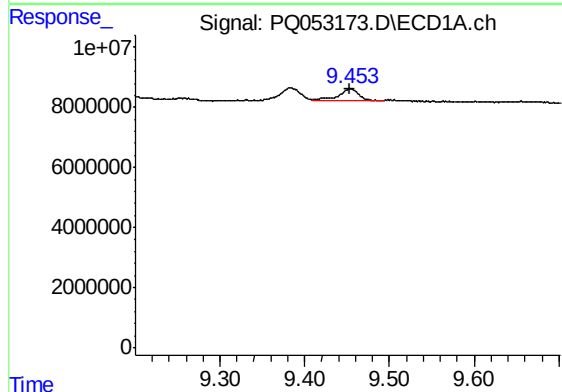
R.T.: 9.101 min
Delta R.T.: -0.007 min
Response: 14061996
Conc: 11.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



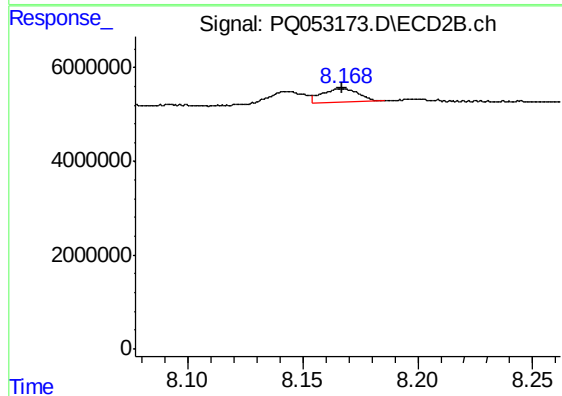
#34 AR-1260-4

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 1427153
Conc: 2.10 ng/ml



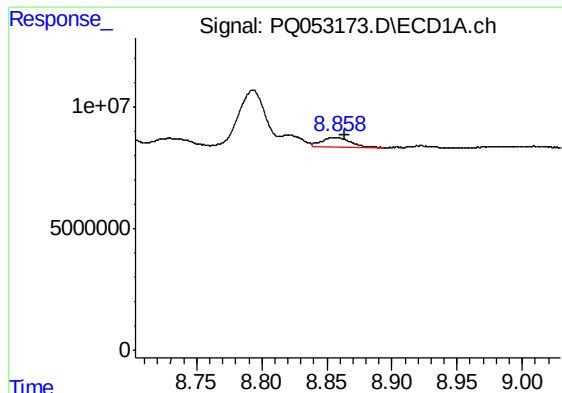
#35 AR-1260-5

R.T.: 9.453 min
Delta R.T.: 0.000 min
Response: 7109432
Conc: 2.78 ng/ml



#35 AR-1260-5

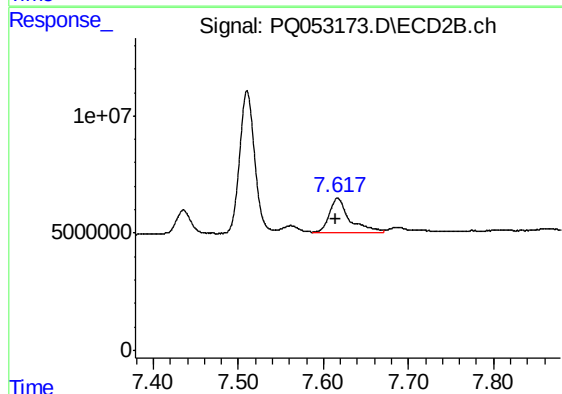
R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 3166413
Conc: 1.71 ng/ml



#36 AR-1262-1

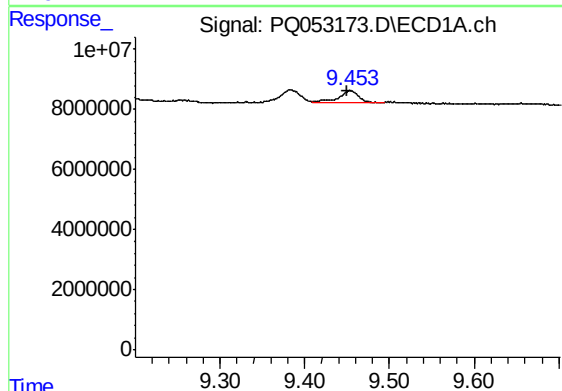
R.T.: 8.857 min
Delta R.T.: -0.006 min
Response: 6394809
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



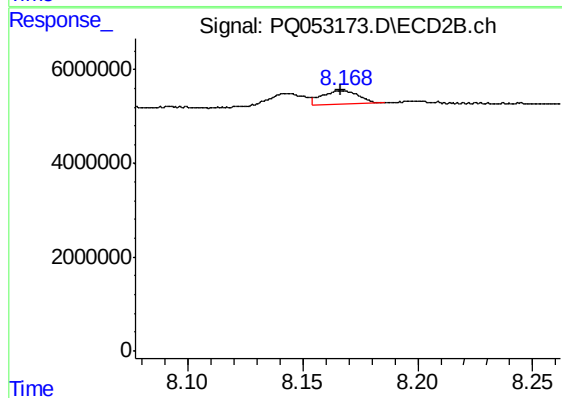
#36 AR-1262-1

R.T.: 7.617 min
Delta R.T.: 0.002 min
Response: 23984108
Conc: 39.13 ng/ml



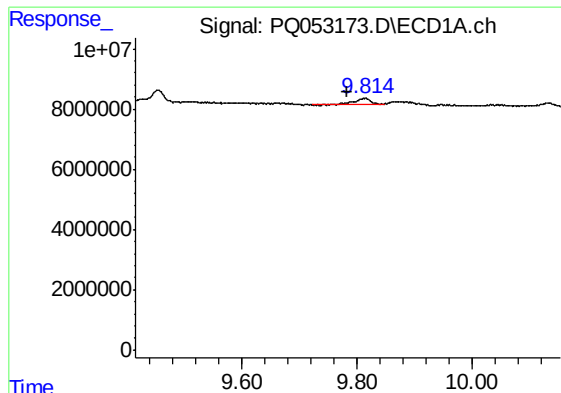
#37 AR-1262-2

R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 7109432
Conc: 1.92 ng/ml



#37 AR-1262-2

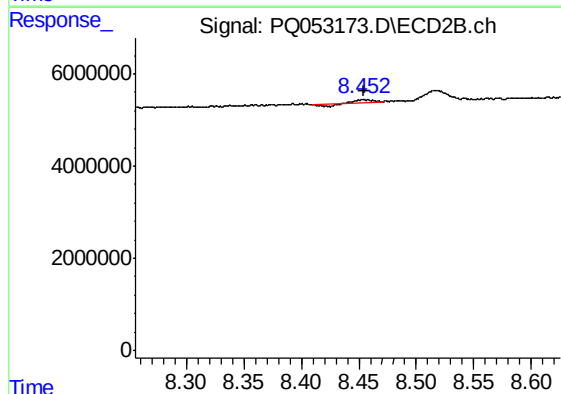
R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 3166413
Conc: 1.25 ng/ml



#38 AR-1262-3

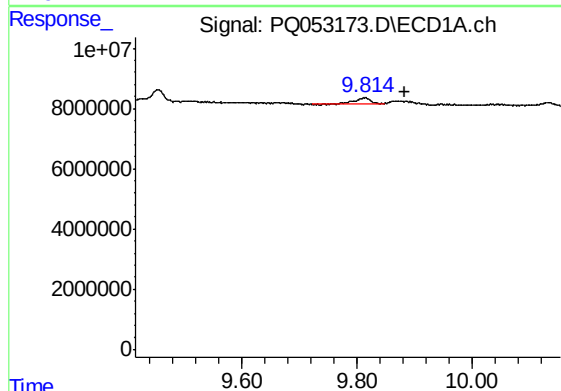
R.T.: 9.814 min
Delta R.T.: 0.031 min
Response: 4017710
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



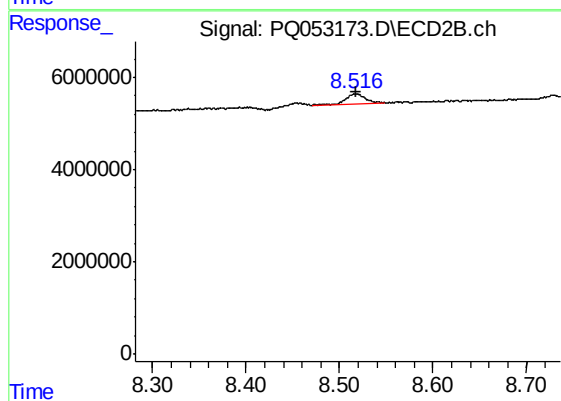
#38 AR-1262-3

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 565621
Conc: 0.56 ng/ml



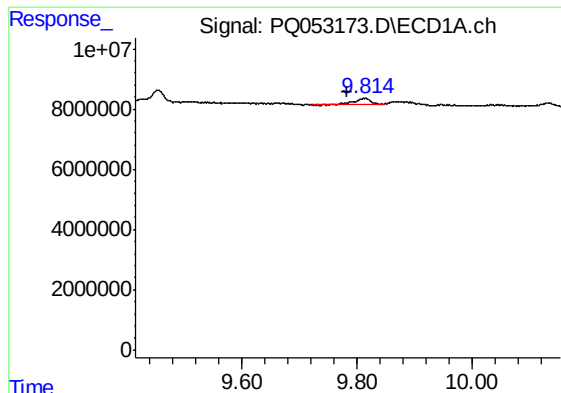
#39 AR-1262-4

R.T.: 9.814 min
Delta R.T.: -0.069 min
Response: 4017710
Conc: 2.01 ng/ml



#39 AR-1262-4

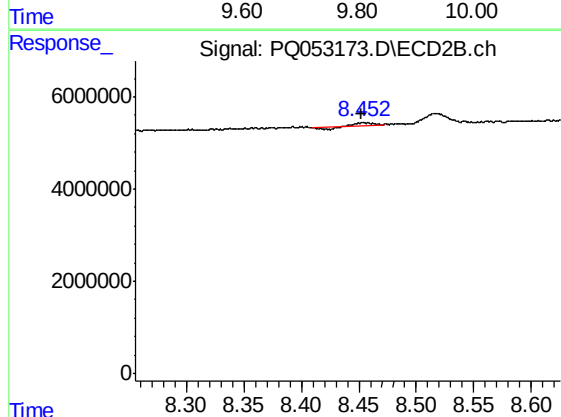
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3430827
Conc: 1.99 ng/ml



#41 AR-1268-1

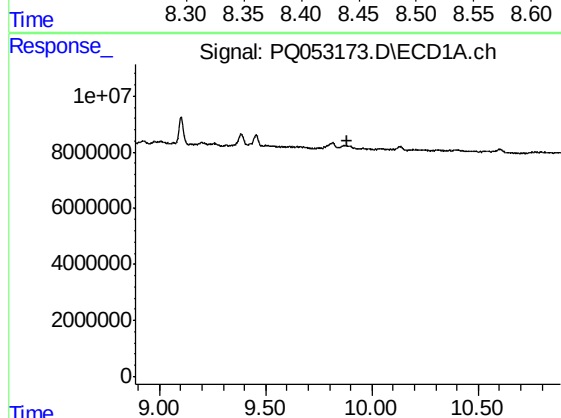
R.T.: 9.814 min
Delta R.T.: 0.031 min
Response: 4017710
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483009



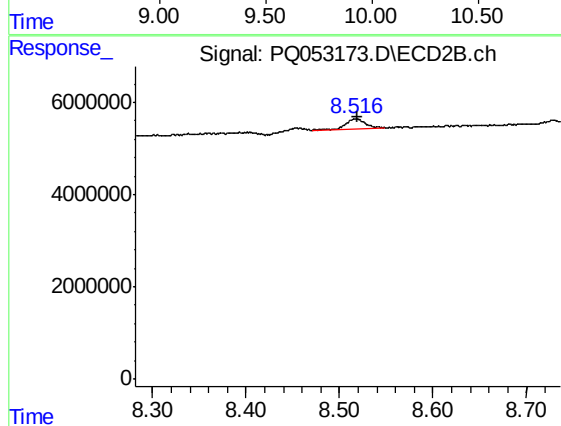
#41 AR-1268-1

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 565621
Conc: 0.19 ng/ml



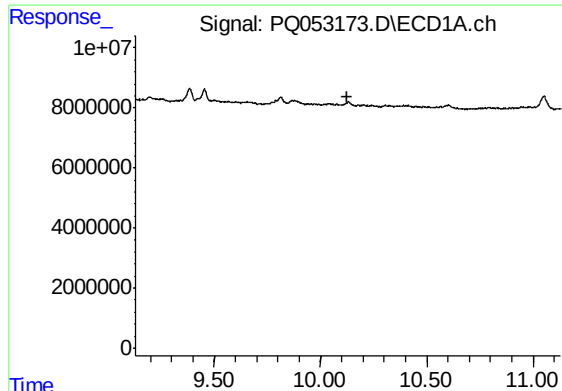
#42 AR-1268-2

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



#42 AR-1268-2

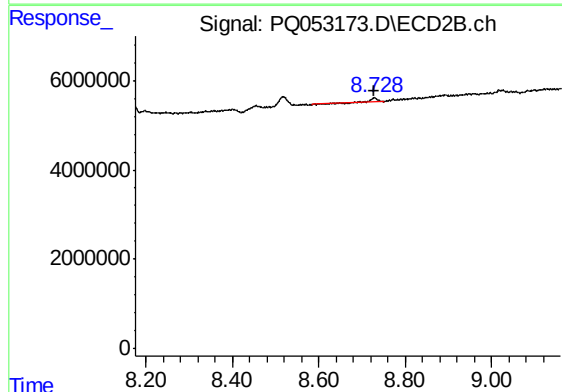
R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 3430827
Conc: 1.38 ng/ml



#43 AR-1268-3

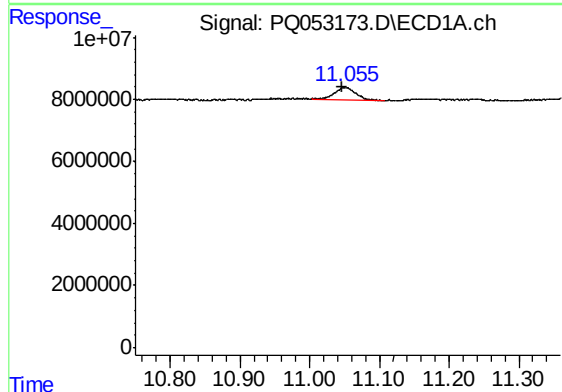
R.T.: 0.000 min
Exp R.T.: 10.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12483009



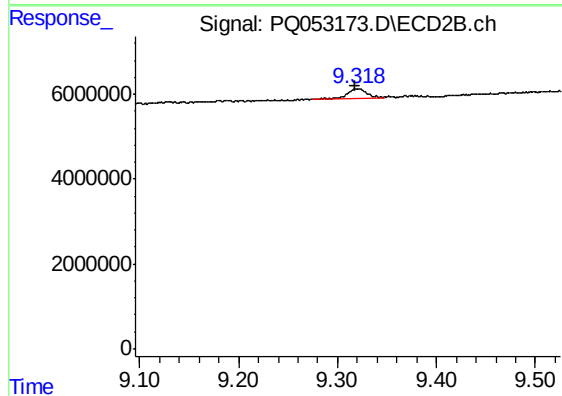
#43 AR-1268-3

R.T.: 8.729 min
Delta R.T.: 0.002 min
Response: 1621414
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 11.052 min
Delta R.T.: 0.005 min
Response: 8355023
Conc: 0.65 ng/ml



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: 0.001 min
Response: 3008403
Conc: 0.49 ng/ml