

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
 Data File : PQ045309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 07:20
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248329

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 07:50:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.093	4.301	129.6E6	91852154	16.332	19.480
2)	SA Decachlor...	11.150	9.717	236.3E6	219.8E6	34.124	32.393
Target Compounds							
3)	L1 AR-1016-1	6.406	5.580	61917076	45906452	246.379	249.248
4)	L1 AR-1016-2	6.432	5.600	75288597	49796003	199.100	188.454
5)	L1 AR-1016-3	6.497	5.798	38574168	31554728	166.148	244.505 #
6)	L1 AR-1016-4	6.603	5.845	40338178	64965410	213.057	598.268 #
7)	L1 AR-1016-5	6.918	6.080	96979475	85860521	497.217	561.978
9)	L2 AR-1221-2	5.442	4.664	2825873	2120815	48.130	53.718
10)	L2 AR-1221-3	5.524	4.756	7736677	5691637	39.423	43.543
11)	L3 AR-1232-1	5.524	4.756	7736677	5691637	44.381	49.346
12)	L3 AR-1232-2	6.114	5.600	27319575	49796003	304.610	400.368 #
13)	L3 AR-1232-3	6.432	5.798	75288597	31554728	426.410	532.841
14)	L3 AR-1232-4	6.603	5.891	40338178	67441932	455.927	1121.895 #
15)	L3 AR-1232-5	6.701	6.080	88486284	85860521	1333.829	1178.867
16)	L4 AR-1242-1	6.406	5.580	61917076	45906452	288.060	292.795
17)	L4 AR-1242-2	6.432	5.600	75288597	49796003	234.116	222.557
18)	L4 AR-1242-3	6.497	5.798	38574168	31554728	194.413	283.905 #
19)	L4 AR-1242-4	6.603	5.891	40338178	67441932	249.837	565.575 #
20)	L4 AR-1242-5	7.385	6.462	105.7E6	131.7E6	583.969	801.982 #
21)	L5 AR-1248-1	6.406	5.580	61917076	45906452	367.636	368.870
22)	L5 AR-1248-2	6.701	5.845	88486284	64965410	361.266	381.635
23)	L5 AR-1248-3	6.918	5.891	96979475	67441932	356.336	377.104
24)	L5 AR-1248-4	7.344	6.080	110.6E6	85860521	365.197	394.449
25)	L5 AR-1248-5	7.385	6.506	105.7E6	91384181	369.440	409.817
26)	L6 AR-1254-1	7.314	6.462	85791846	131.7E6	265.152	361.997 #
27)	L6 AR-1254-2	7.548	6.621	110.1E6	38693602	221.764	120.137 #
28)	L6 AR-1254-3	7.926	7.048	62347767	64706059	117.138	116.652
29)	L6 AR-1254-4	8.221	7.288	39875686	45561096	103.227	127.471
30)	L6 AR-1254-5	8.650	7.721	10786257	12036419	24.969	24.072
31)	L7 AR-1260-1	8.094	7.200	8428458	31844882	26.986	103.942 #
32)	L7 AR-1260-2	8.355	7.379	9962262	6756269	24.332	17.111 #
33)	L7 AR-1260-3	8.722	7.540	2900841	7765755	8.885	22.668 #
34)	L7 AR-1260-4	8.950	8.025	5102866	1795865	13.419	5.856 #
35)	L7 AR-1260-5	9.289	8.274	4309499	4517635	5.598	5.772
36)	L8 AR-1262-1	0.000	7.721	0	12036419	N.D.	47.557 #
37)	L8 AR-1262-2	9.289	8.274	4309499	4517635	4.771	4.578
38)	L8 AR-1262-3	0.000	8.562	0	1142688	N.D.	2.966 #
39)	L8 AR-1262-4	0.000	8.628	0	2794672	N.D.	3.793 #
40)	L8 AR-1262-5	0.000	9.141	0	1188899	N.D.	3.415 #
41)	L9 AR-1268-1	0.000	8.562	0	1142688	N.D.	0.950 #
42)	L9 AR-1268-2	0.000	8.628	0	2794672	N.D.	2.510 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
 Data File : PQ045309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 07:20
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

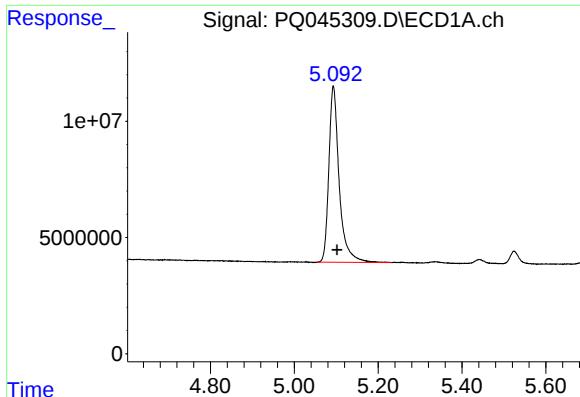
Instrument :
 ECD_Q
 ClientSampleId :
 AR1248329

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 07:50:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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
43) L9	AR-1268-3	0.000	8.835	0	1265503	N.D.	1.360 #
44) L9	AR-1268-4	0.000	9.141	0	1188899	N.D.	2.952 #
45) L9	AR-1268-5	0.000	9.449	0	1635771	N.D.	0.541 #

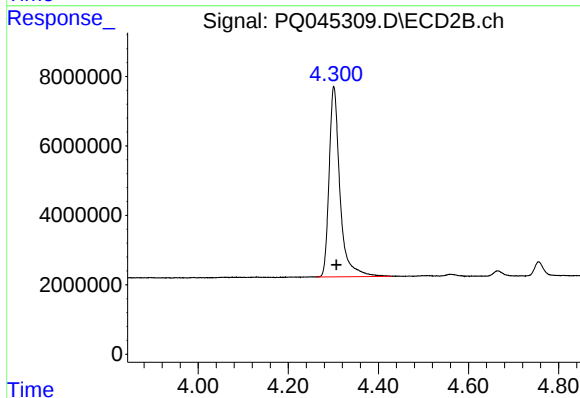
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

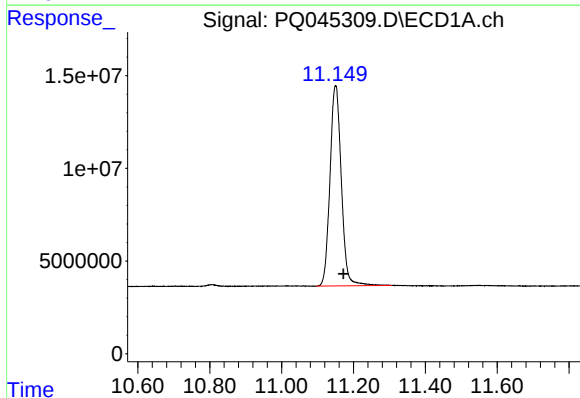
R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 129644414
Conc: 16.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



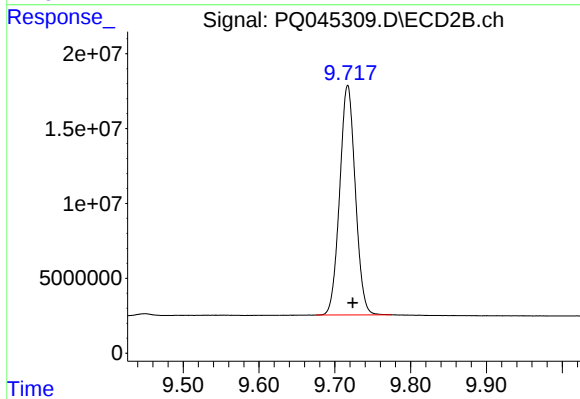
#1 Tetrachloro-m-xylene

R.T.: 4.301 min
Delta R.T.: -0.006 min
Response: 91852154
Conc: 19.48 ng/ml



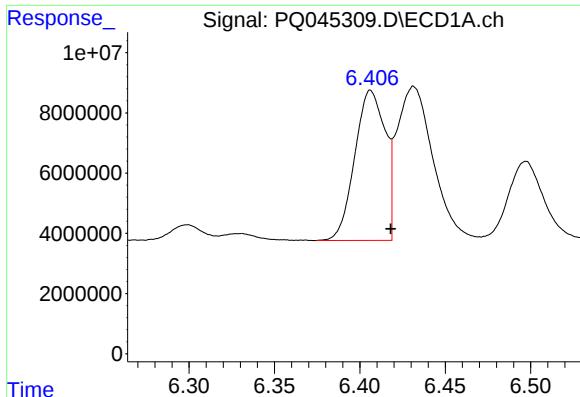
#2 Decachlorobiphenyl

R.T.: 11.150 min
Delta R.T.: -0.021 min
Response: 236339264
Conc: 34.12 ng/ml



#2 Decachlorobiphenyl

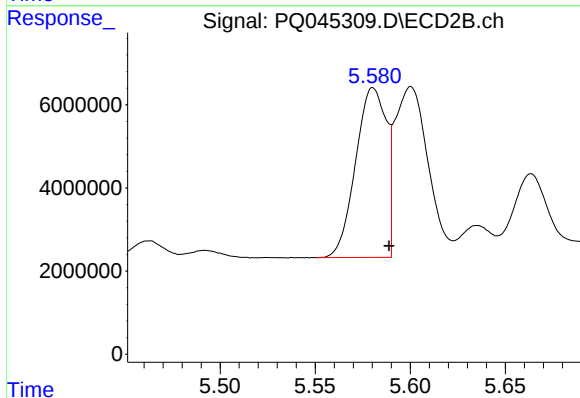
R.T.: 9.717 min
Delta R.T.: -0.007 min
Response: 219788670
Conc: 32.39 ng/ml



#3 AR-1016-1

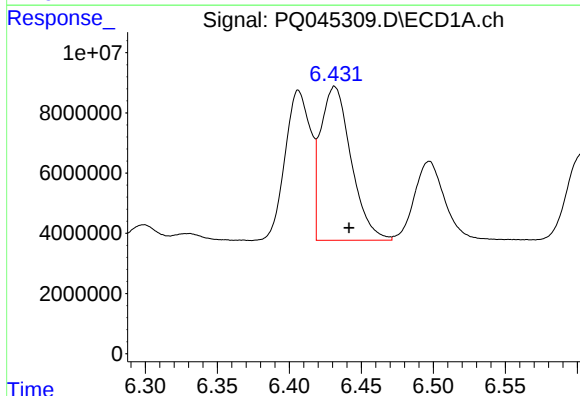
R.T.: 6.406 min
Delta R.T.: -0.012 min
Response: 61917076
Conc: 246.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



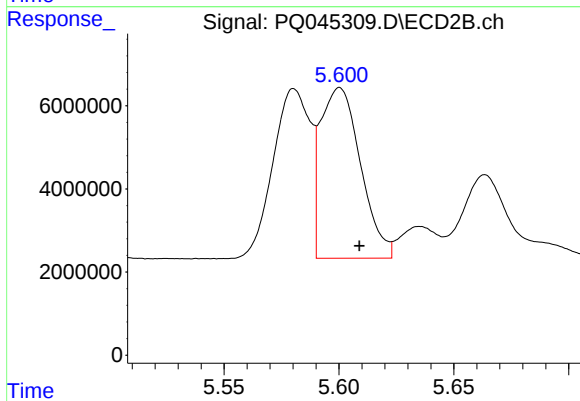
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 45906452
Conc: 249.25 ng/ml



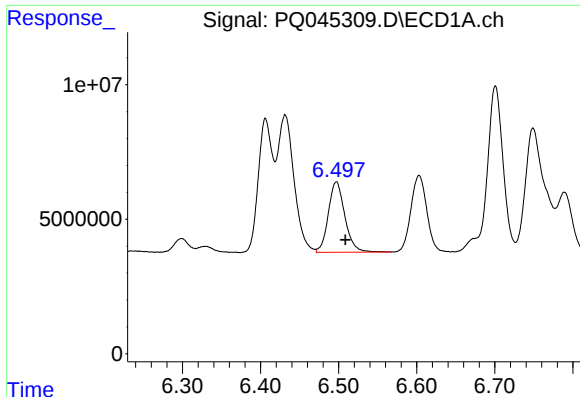
#4 AR-1016-2

R.T.: 6.432 min
Delta R.T.: -0.010 min
Response: 75288597
Conc: 199.10 ng/ml



#4 AR-1016-2

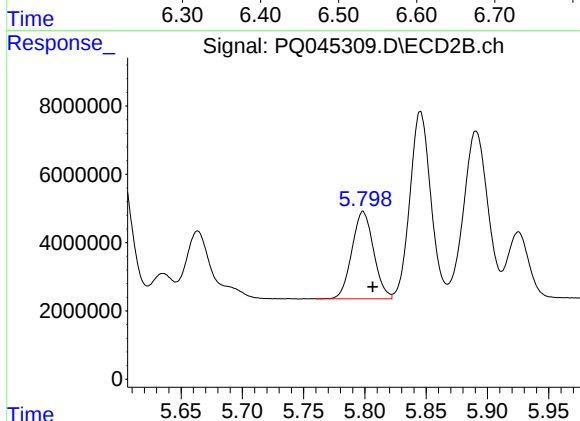
R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 49796003
Conc: 188.45 ng/ml



#5 AR-1016-3

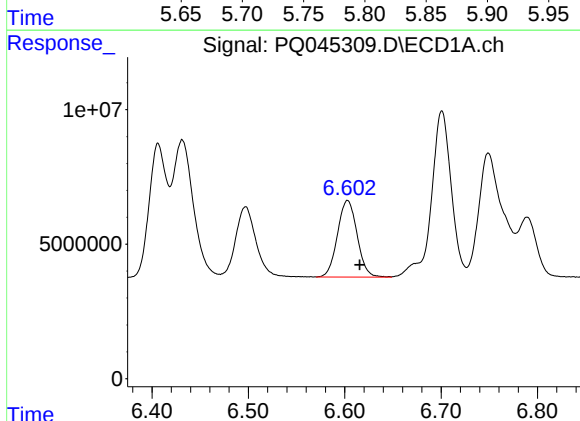
R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 38574168
Conc: 166.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



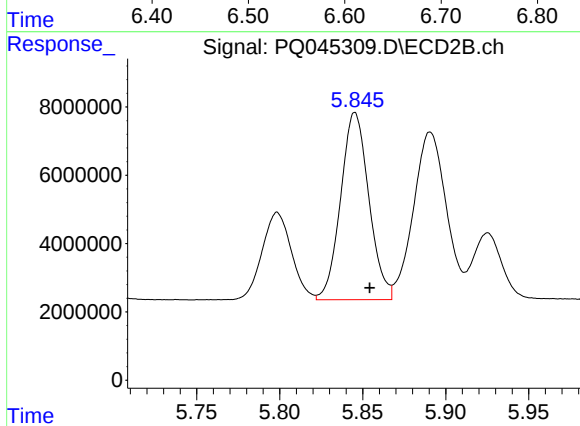
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 31554728
Conc: 244.51 ng/ml



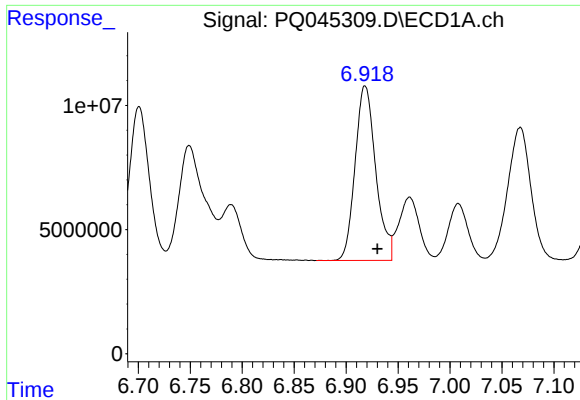
#6 AR-1016-4

R.T.: 6.603 min
Delta R.T.: -0.012 min
Response: 40338178
Conc: 213.06 ng/ml



#6 AR-1016-4

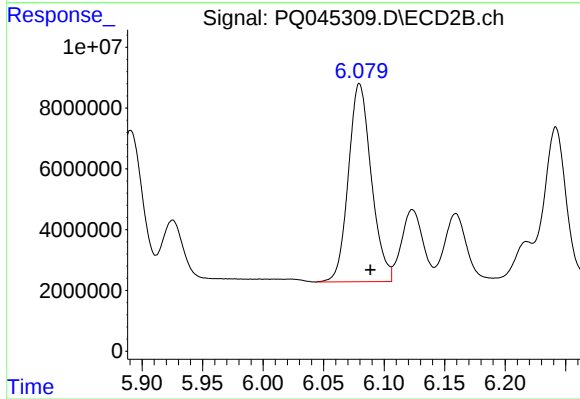
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 64965410
Conc: 598.27 ng/ml



#7 AR-1016-5

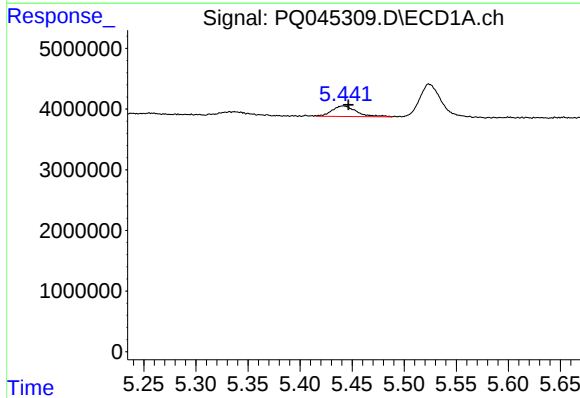
R.T.: 6.918 min
Delta R.T.: -0.012 min
Response: 96979475
Conc: 497.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



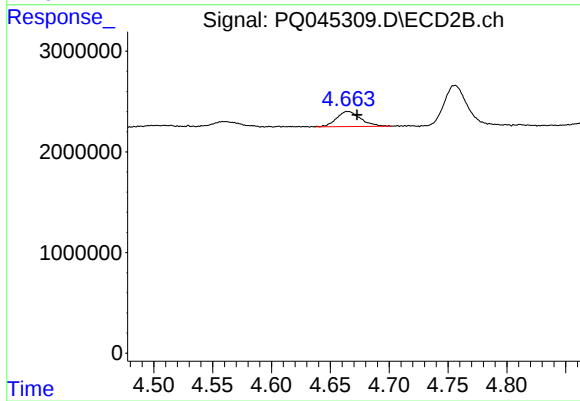
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 85860521
Conc: 561.98 ng/ml



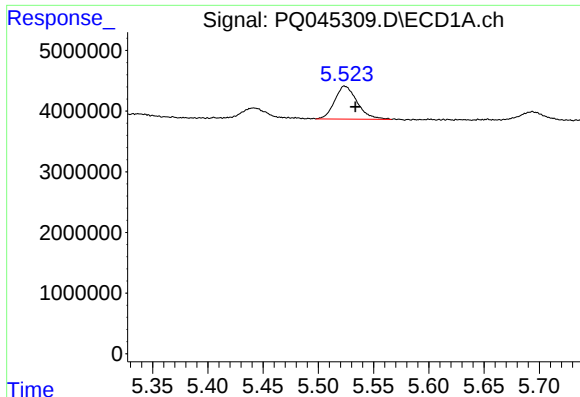
#9 AR-1221-2

R.T.: 5.442 min
Delta R.T.: -0.005 min
Response: 2825873
Conc: 48.13 ng/ml



#9 AR-1221-2

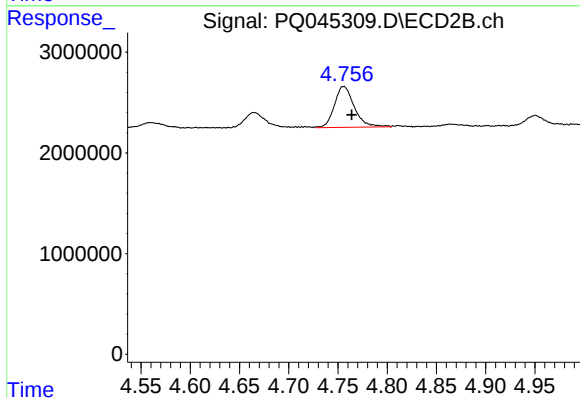
R.T.: 4.664 min
Delta R.T.: -0.009 min
Response: 2120815
Conc: 53.72 ng/ml



#10 AR-1221-3

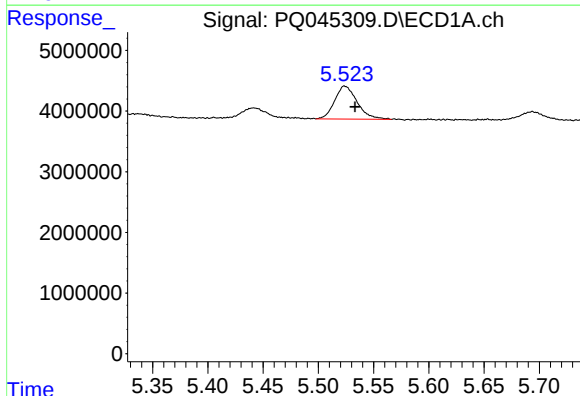
R.T.: 5.524 min
Delta R.T.: -0.010 min
Response: 7736677
Conc: 39.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



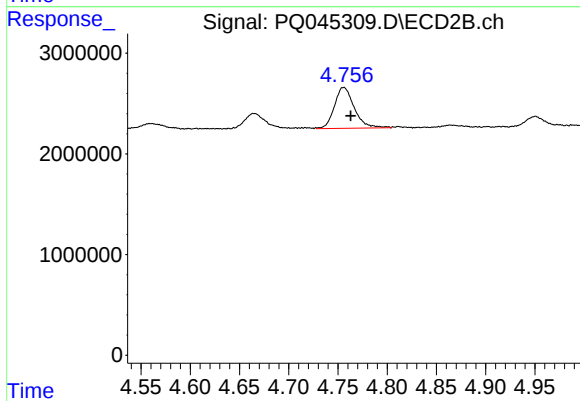
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.008 min
Response: 5691637
Conc: 43.54 ng/ml



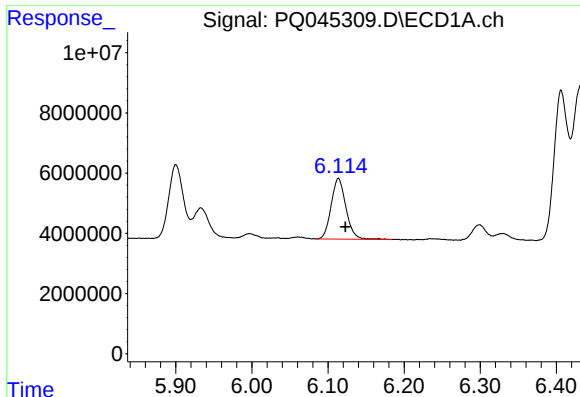
#11 AR-1232-1

R.T.: 5.524 min
Delta R.T.: -0.010 min
Response: 7736677
Conc: 44.38 ng/ml



#11 AR-1232-1

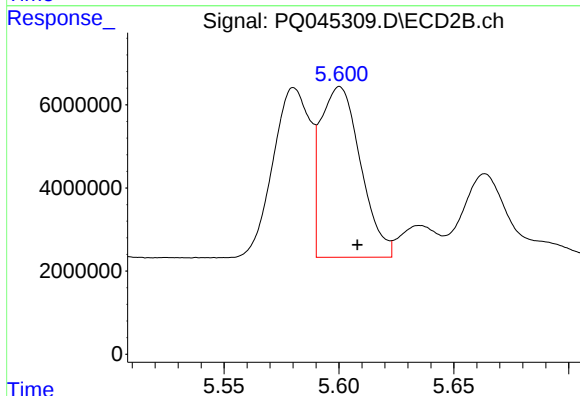
R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 5691637
Conc: 49.35 ng/ml



#12 AR-1232-2

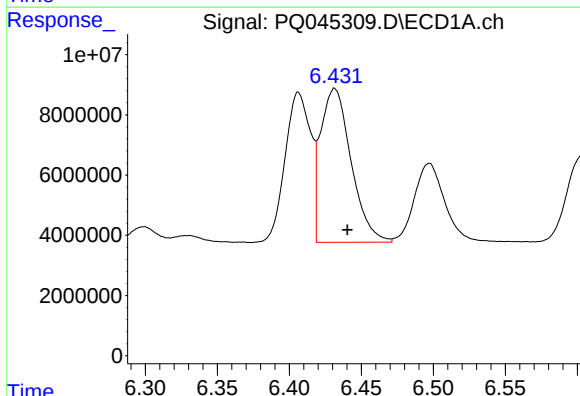
R.T.: 6.114 min
Delta R.T.: -0.009 min
Response: 27319575
Conc: 304.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



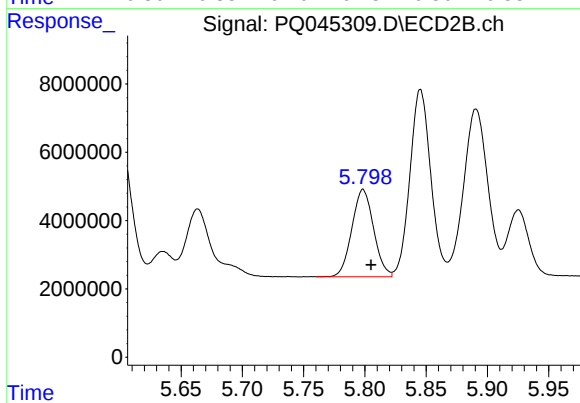
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.008 min
Response: 49796003
Conc: 400.37 ng/ml



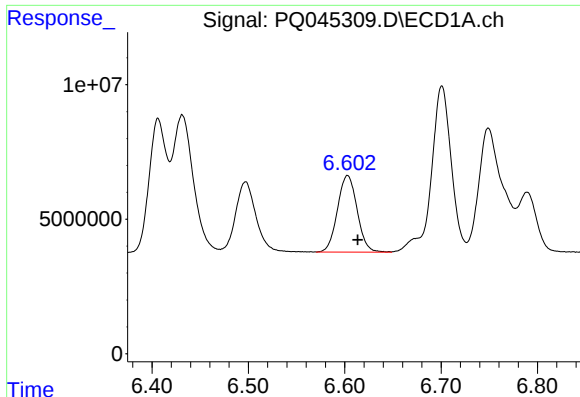
#13 AR-1232-3

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 75288597
Conc: 426.41 ng/ml



#13 AR-1232-3

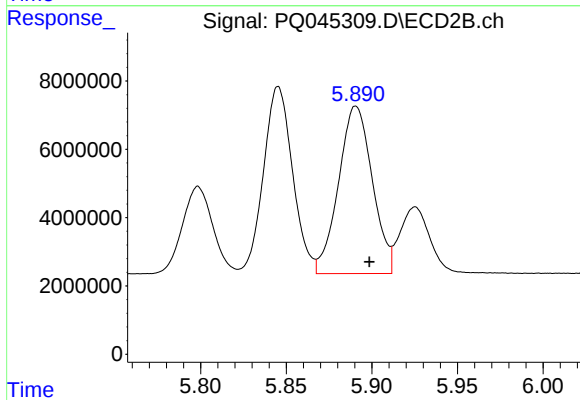
R.T.: 5.798 min
Delta R.T.: -0.006 min
Response: 31554728
Conc: 532.84 ng/ml



#14 AR-1232-4

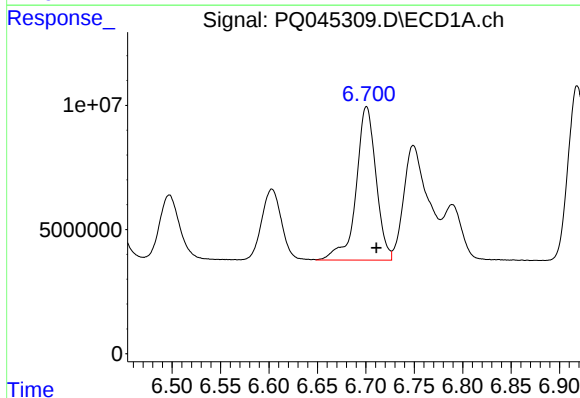
R.T.: 6.603 min
Delta R.T.: -0.010 min
Response: 40338178
Conc: 455.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



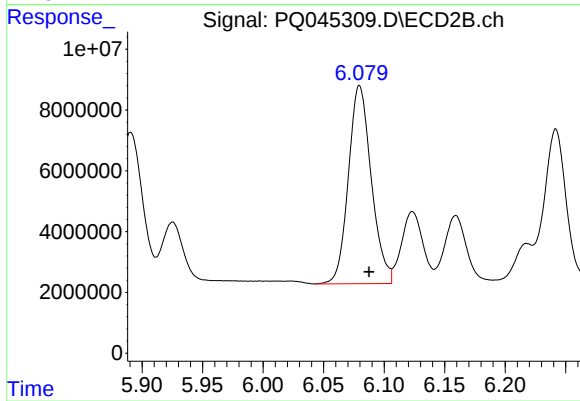
#14 AR-1232-4

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 67441932
Conc: 1121.90 ng/ml



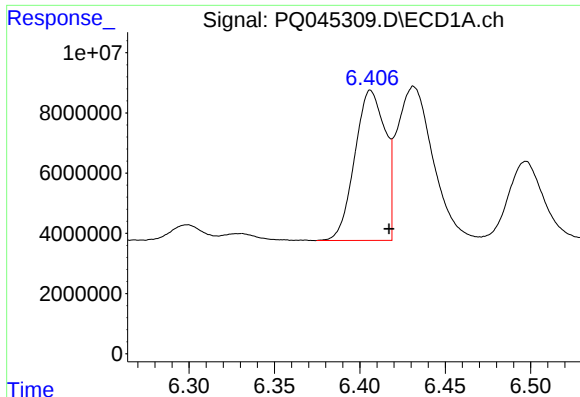
#15 AR-1232-5

R.T.: 6.701 min
Delta R.T.: -0.010 min
Response: 88486284
Conc: 1333.83 ng/ml



#15 AR-1232-5

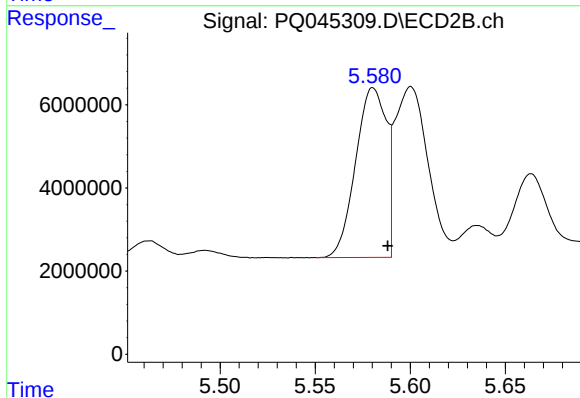
R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 85860521
Conc: 1178.87 ng/ml



#16 AR-1242-1

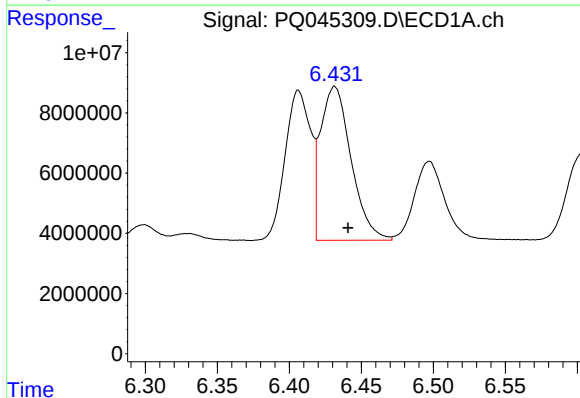
R.T.: 6.406 min
Delta R.T.: -0.011 min
Response: 61917076
Conc: 288.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



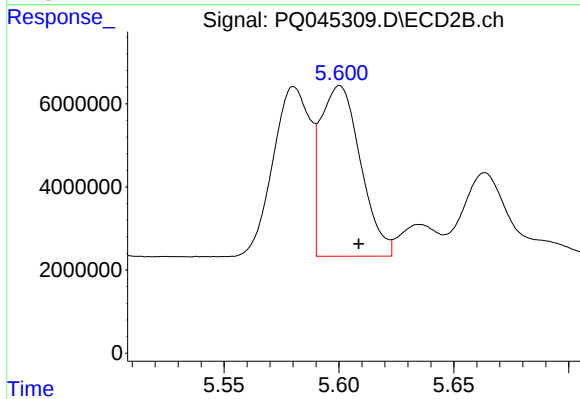
#16 AR-1242-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 45906452
Conc: 292.80 ng/ml



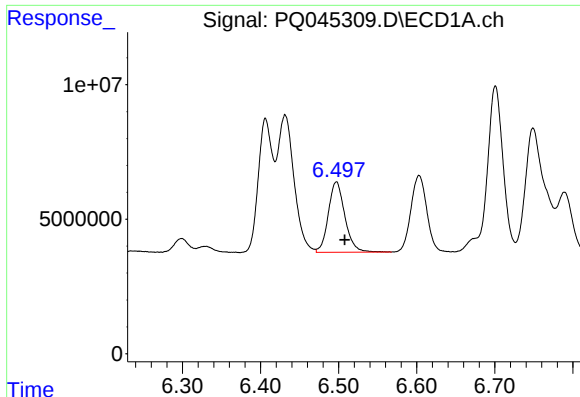
#17 AR-1242-2

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 75288597
Conc: 234.12 ng/ml



#17 AR-1242-2

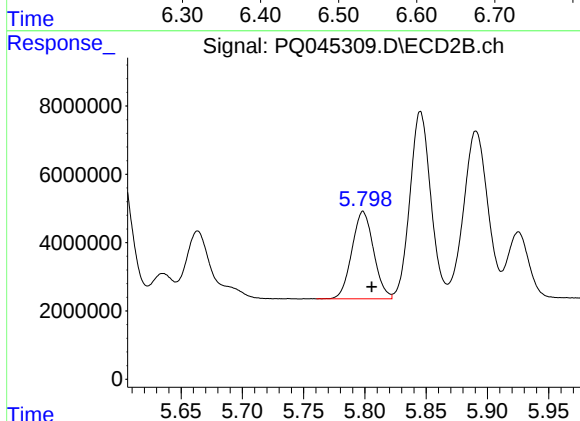
R.T.: 5.600 min
Delta R.T.: -0.008 min
Response: 49796003
Conc: 222.56 ng/ml



#18 AR-1242-3

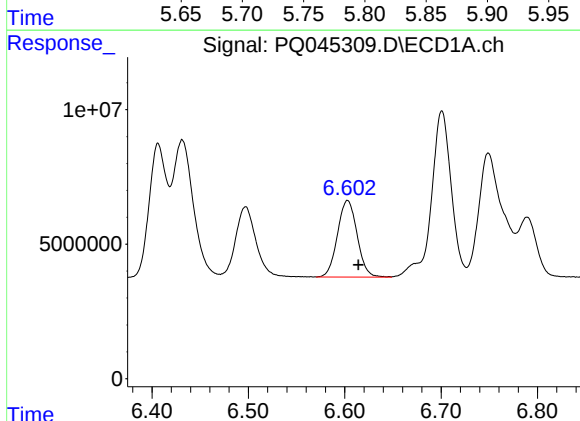
R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 38574168
Conc: 194.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



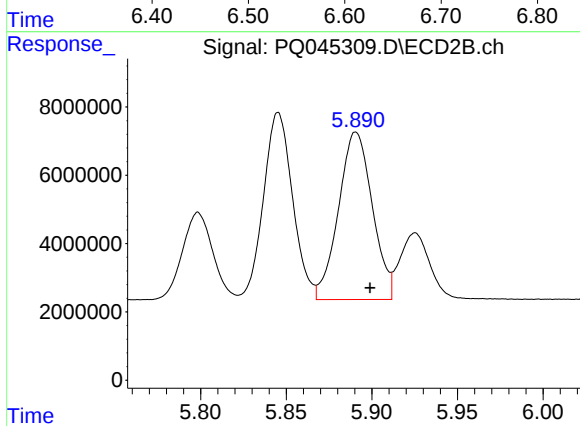
#18 AR-1242-3

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 31554728
Conc: 283.90 ng/ml



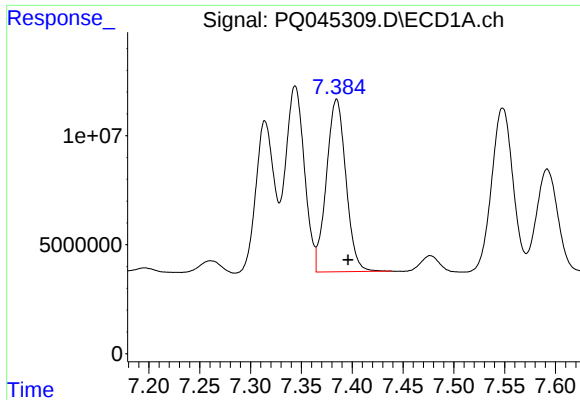
#19 AR-1242-4

R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 40338178
Conc: 249.84 ng/ml



#19 AR-1242-4

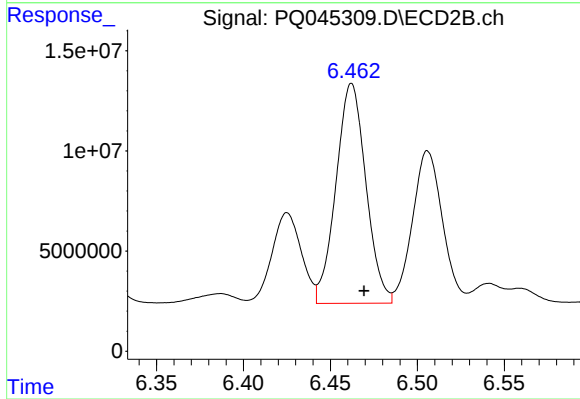
R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 67441932
Conc: 565.57 ng/ml



#20 AR-1242-5

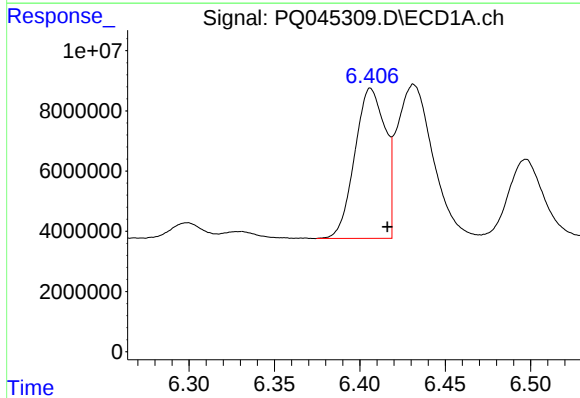
R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 105677707
Conc: 583.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



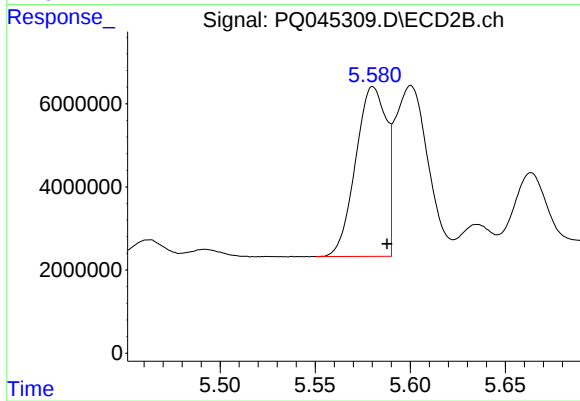
#20 AR-1242-5

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 131687377
Conc: 801.98 ng/ml



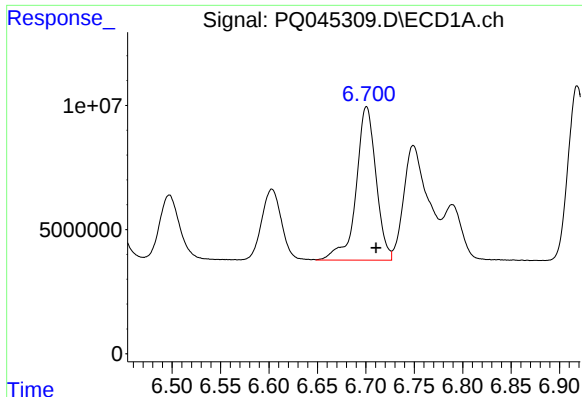
#21 AR-1248-1

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 61917076
Conc: 367.64 ng/ml



#21 AR-1248-1

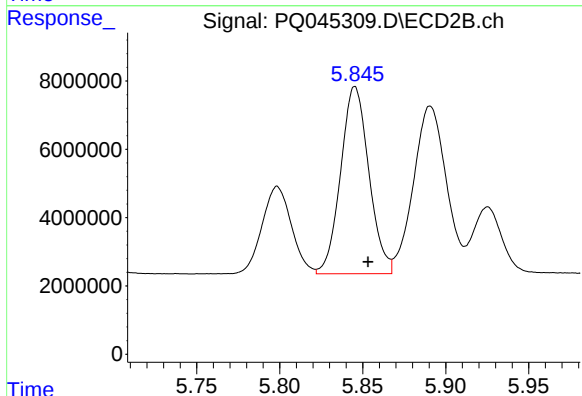
R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 45906452
Conc: 368.87 ng/ml



#22 AR-1248-2

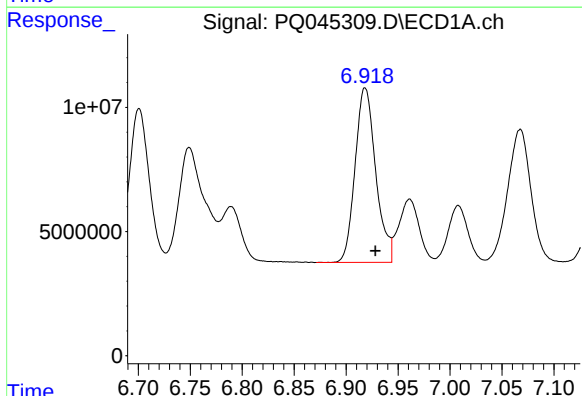
R.T.: 6.701 min
Delta R.T.: -0.010 min
Response: 88486284
Conc: 361.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



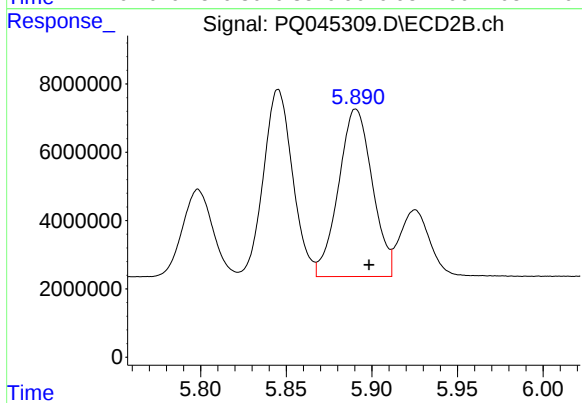
#22 AR-1248-2

R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 64965410
Conc: 381.64 ng/ml



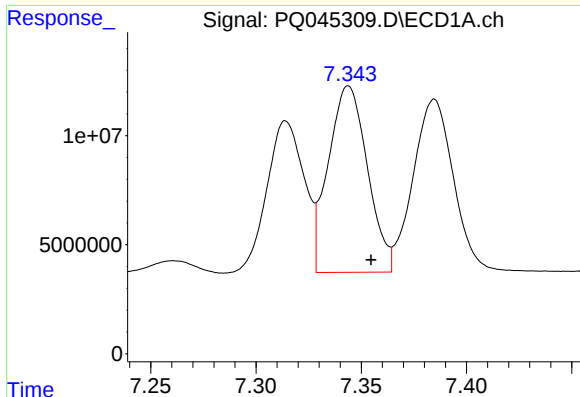
#23 AR-1248-3

R.T.: 6.918 min
Delta R.T.: -0.010 min
Response: 96979475
Conc: 356.34 ng/ml



#23 AR-1248-3

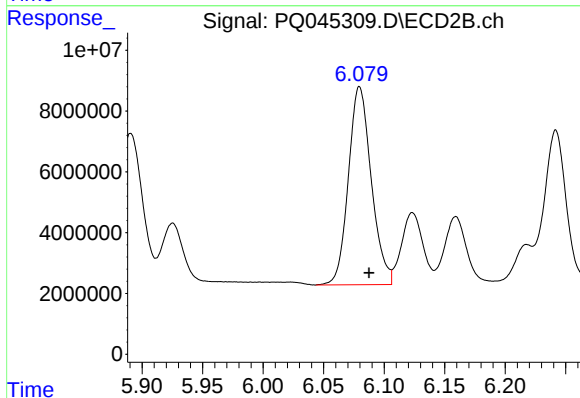
R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 67441932
Conc: 377.10 ng/ml



#24 AR-1248-4

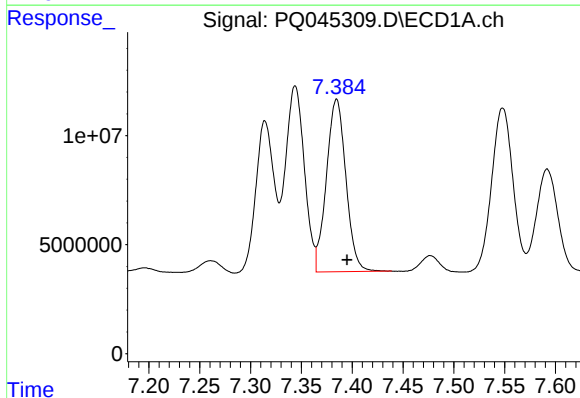
R.T.: 7.344 min
Delta R.T.: -0.011 min
Response: 110606194
Conc: 365.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



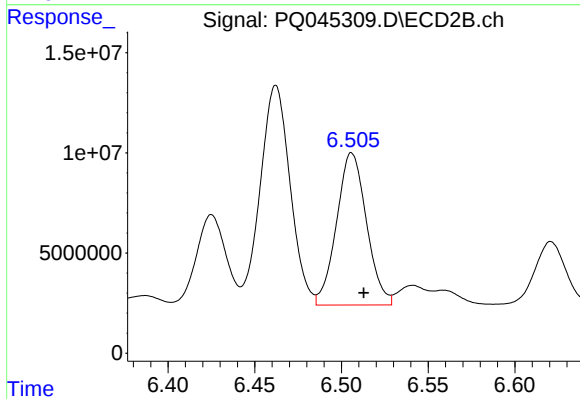
#24 AR-1248-4

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 85860521
Conc: 394.45 ng/ml



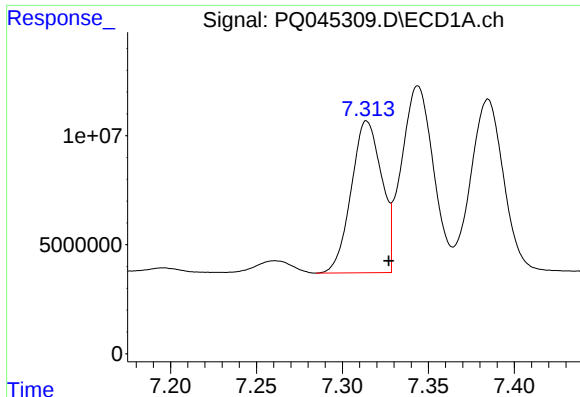
#25 AR-1248-5

R.T.: 7.385 min
Delta R.T.: -0.010 min
Response: 105677707
Conc: 369.44 ng/ml



#25 AR-1248-5

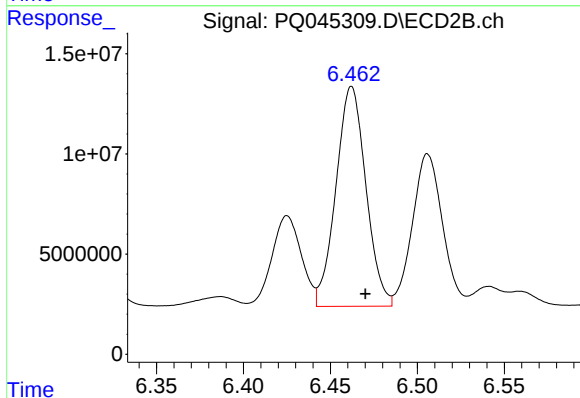
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 91384181
Conc: 409.82 ng/ml



#26 AR-1254-1

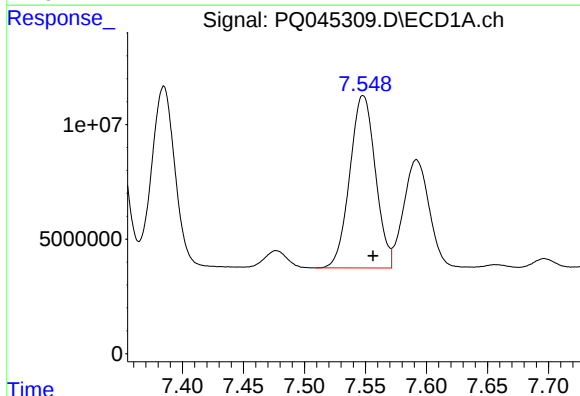
R.T.: 7.314 min
Delta R.T.: -0.013 min
Response: 85791846
Conc: 265.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



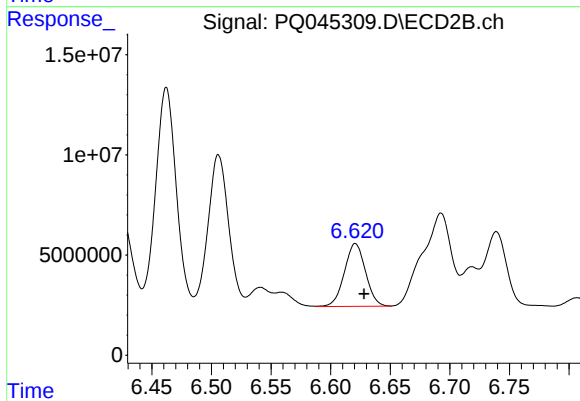
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 131687377
Conc: 362.00 ng/ml



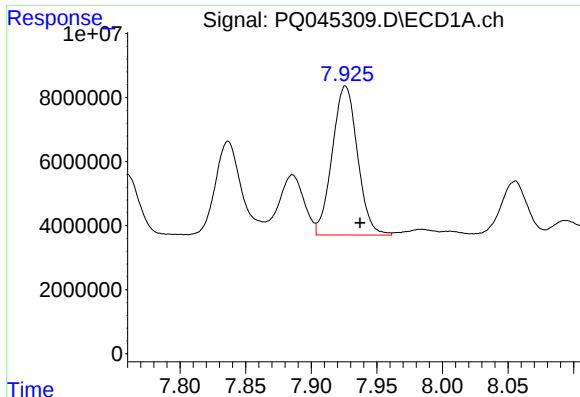
#27 AR-1254-2

R.T.: 7.548 min
Delta R.T.: -0.008 min
Response: 110105949
Conc: 221.76 ng/ml



#27 AR-1254-2

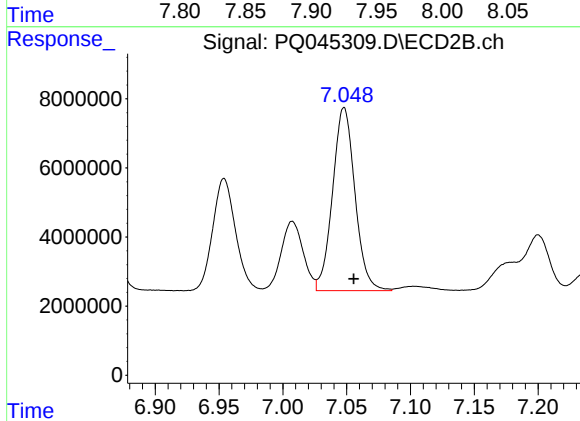
R.T.: 6.621 min
Delta R.T.: -0.007 min
Response: 38693602
Conc: 120.14 ng/ml



#28 AR-1254-3

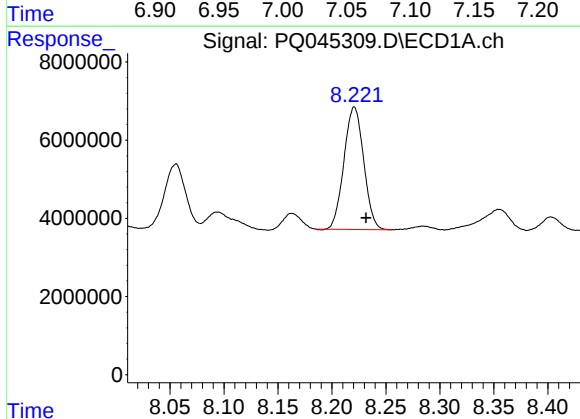
R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 62347767
Conc: 117.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



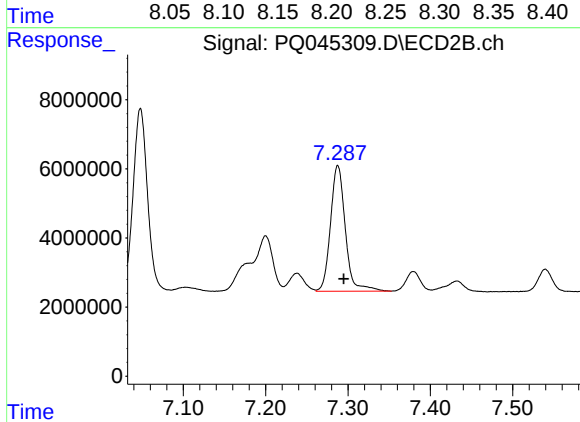
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 64706059
Conc: 116.65 ng/ml



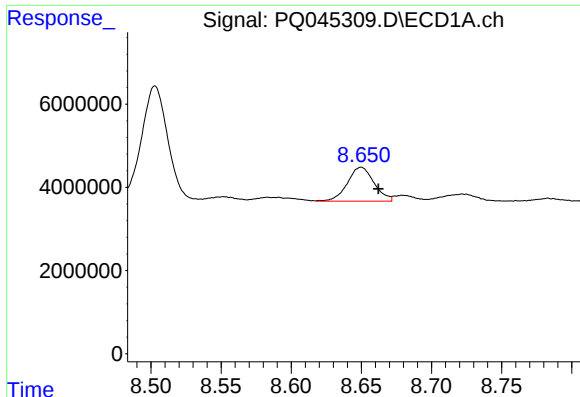
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.011 min
Response: 39875686
Conc: 103.23 ng/ml



#29 AR-1254-4

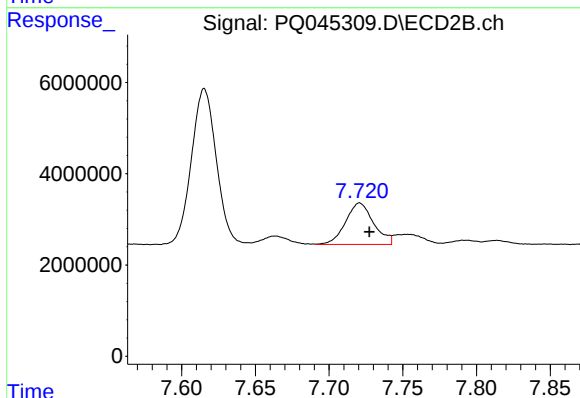
R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 45561096
Conc: 127.47 ng/ml



#30 AR-1254-5

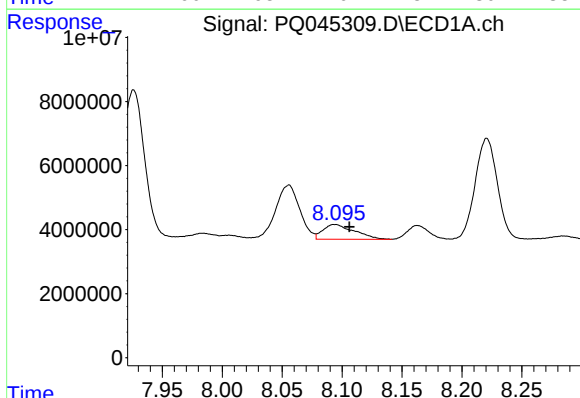
R.T.: 8.650 min
Delta R.T.: -0.012 min
Response: 10786257
Conc: 24.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



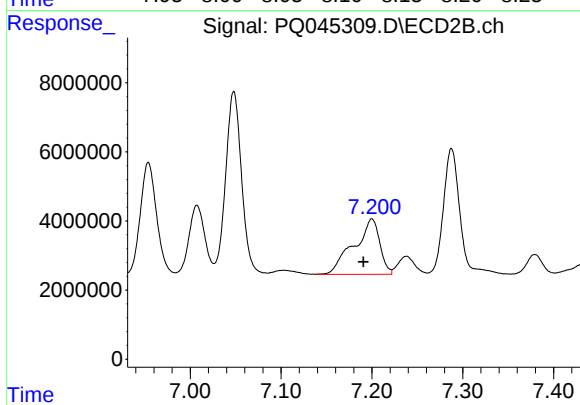
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 12036419
Conc: 24.07 ng/ml



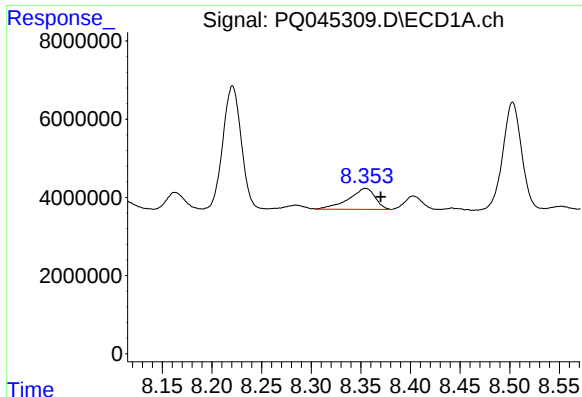
#31 AR-1260-1

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 8428458
Conc: 26.99 ng/ml



#31 AR-1260-1

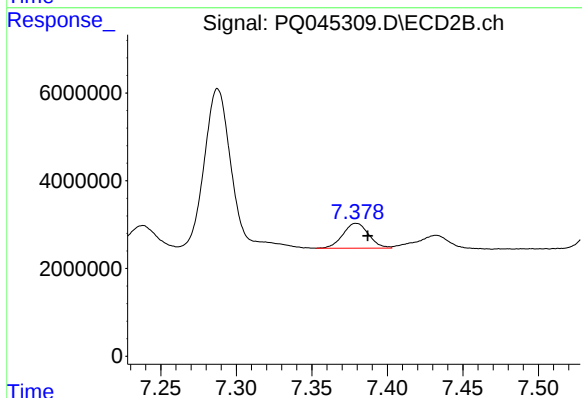
R.T.: 7.200 min
Delta R.T.: 0.009 min
Response: 31844882
Conc: 103.94 ng/ml



#32 AR-1260-2

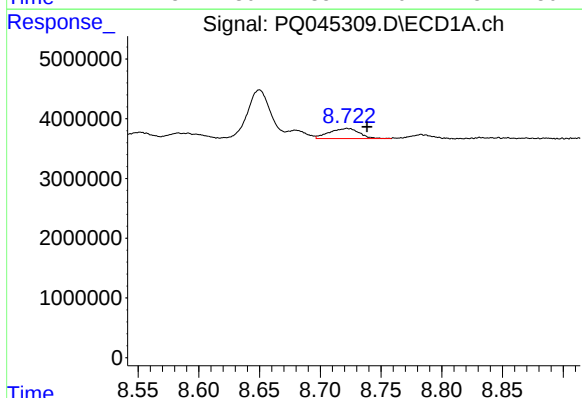
R.T.: 8.355 min
Delta R.T.: -0.015 min
Response: 9962262
Conc: 24.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



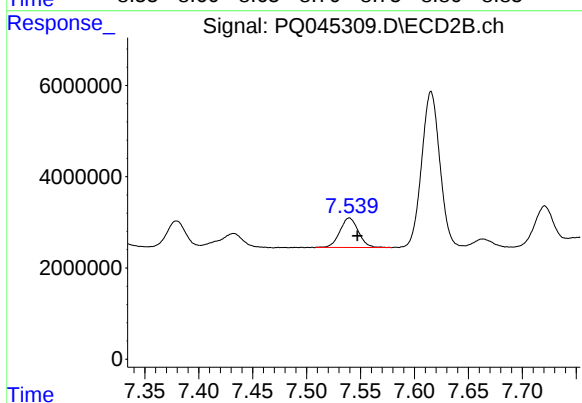
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.007 min
Response: 6756269
Conc: 17.11 ng/ml



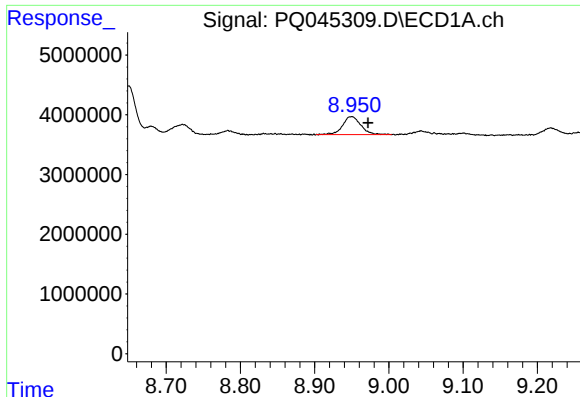
#33 AR-1260-3

R.T.: 8.722 min
Delta R.T.: -0.016 min
Response: 2900841
Conc: 8.89 ng/ml



#33 AR-1260-3

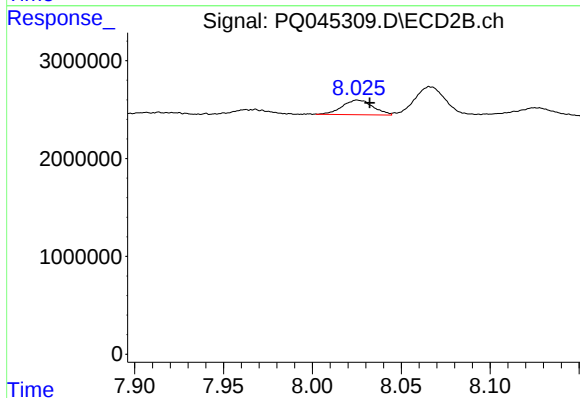
R.T.: 7.540 min
Delta R.T.: -0.007 min
Response: 7765755
Conc: 22.67 ng/ml



#34 AR-1260-4

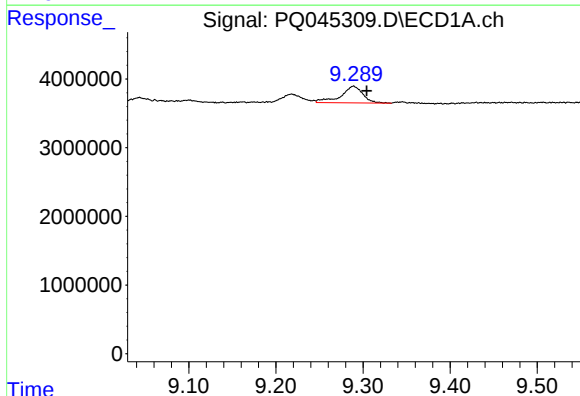
R.T.: 8.950 min
Delta R.T.: -0.022 min
Response: 5102866
Conc: 13.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248329



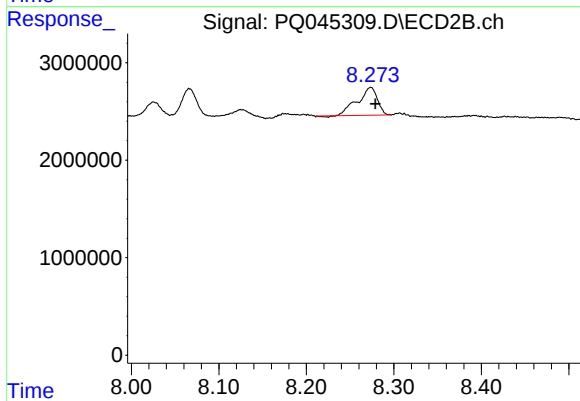
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 1795865
Conc: 5.86 ng/ml



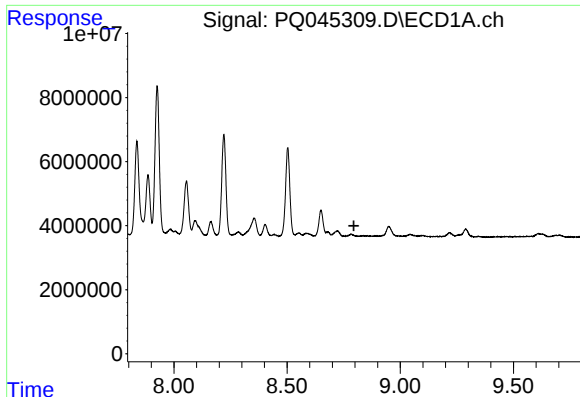
#35 AR-1260-5

R.T.: 9.289 min
Delta R.T.: -0.015 min
Response: 4309499
Conc: 5.60 ng/ml



#35 AR-1260-5

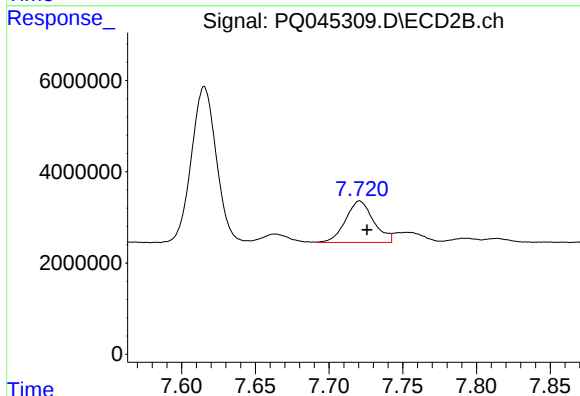
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 4517635
Conc: 5.77 ng/ml



#36 AR-1262-1

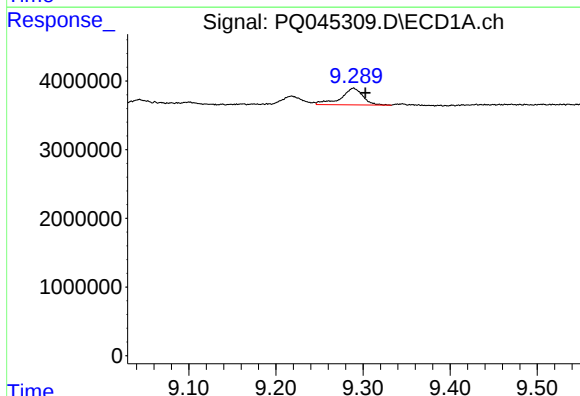
R.T.: 0.000 min
Exp R.T.: 8.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248329



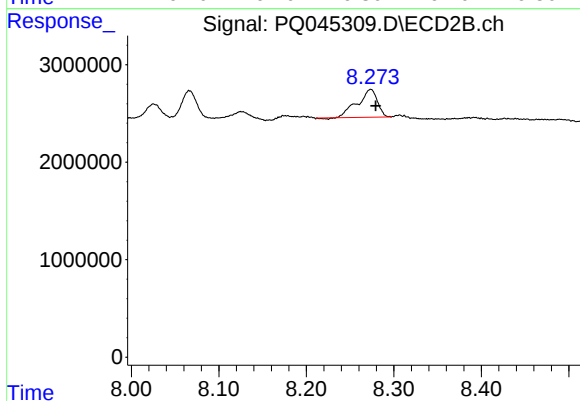
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 12036419
Conc: 47.56 ng/ml



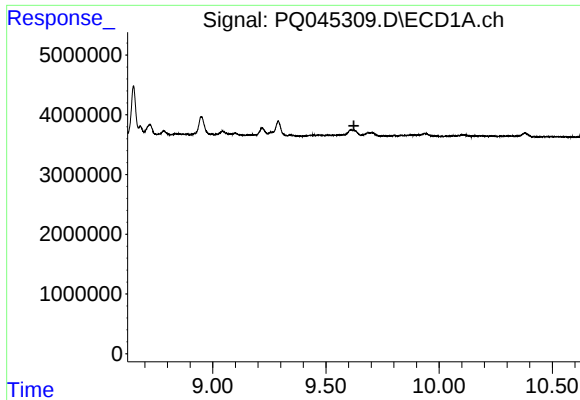
#37 AR-1262-2

R.T.: 9.289 min
Delta R.T.: -0.014 min
Response: 4309499
Conc: 4.77 ng/ml



#37 AR-1262-2

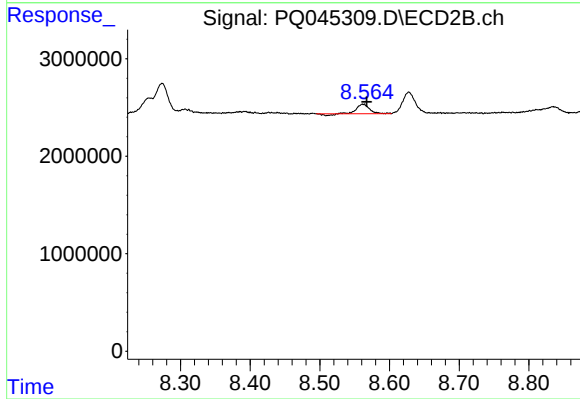
R.T.: 8.274 min
Delta R.T.: -0.006 min
Response: 4517635
Conc: 4.58 ng/ml



#38 AR-1262-3

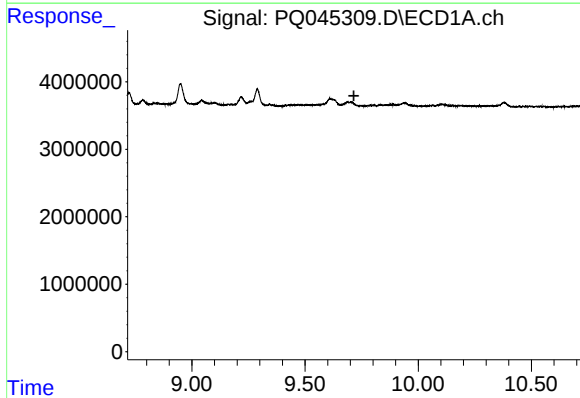
R.T.: 0.000 min
Exp R.T.: 9.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248329



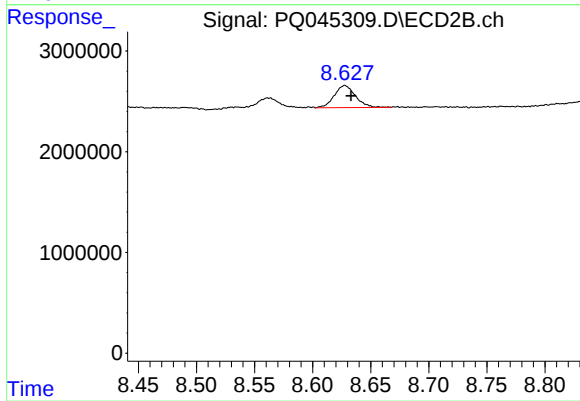
#38 AR-1262-3

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 1142688
Conc: 2.97 ng/ml



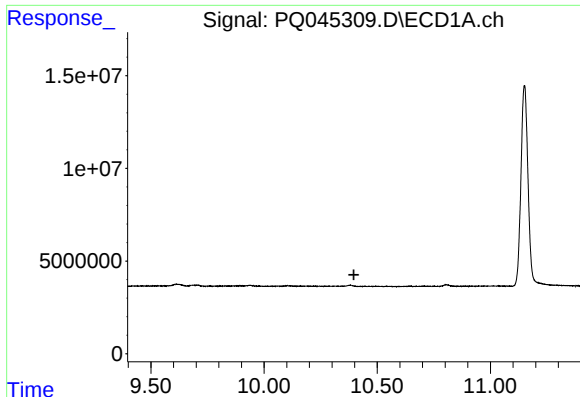
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.



#39 AR-1262-4

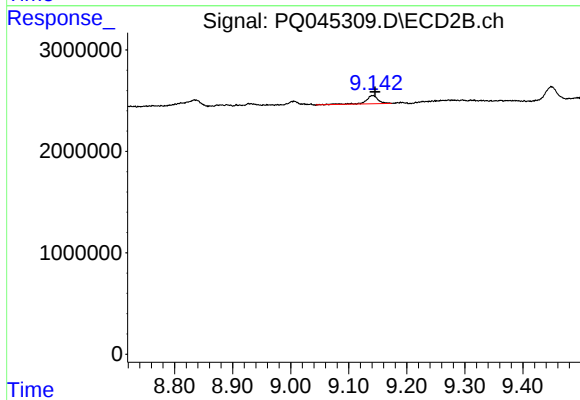
R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 2794672
Conc: 3.79 ng/ml



#40 AR-1262-5

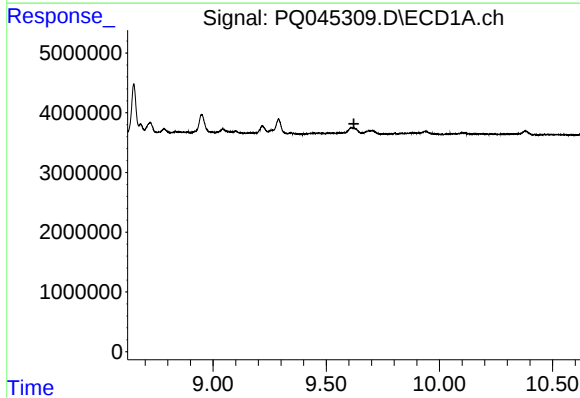
R.T.: 0.000 min
Exp R.T. : 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248329



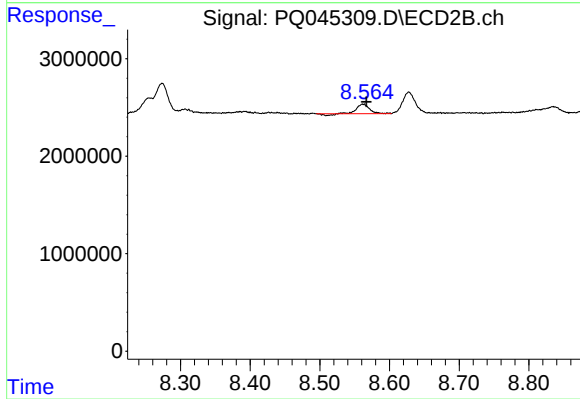
#40 AR-1262-5

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1188899
Conc: 3.41 ng/ml



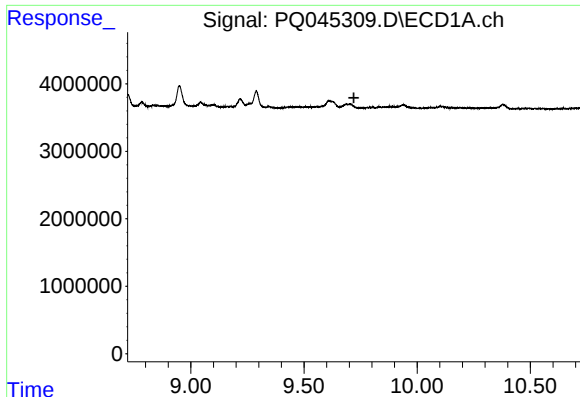
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.622 min
Response: 0
Conc: N.D.



#41 AR-1268-1

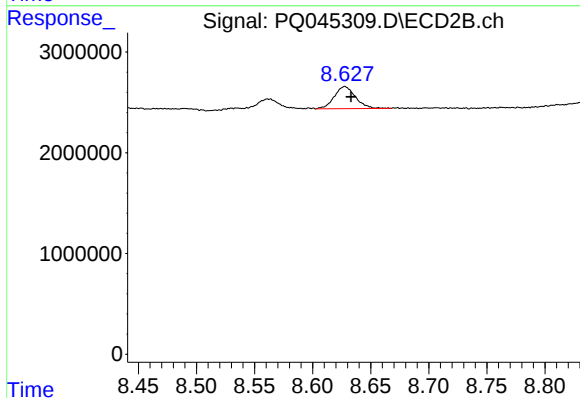
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 1142688
Conc: 0.95 ng/ml



#42 AR-1268-2

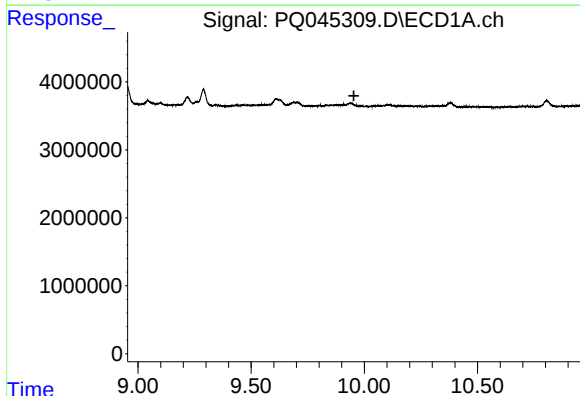
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248329



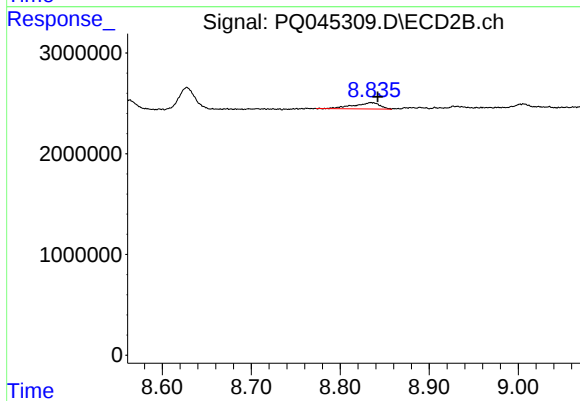
#42 AR-1268-2

R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 2794672
Conc: 2.51 ng/ml



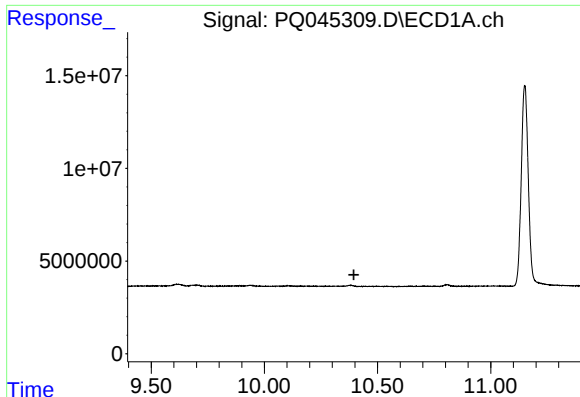
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

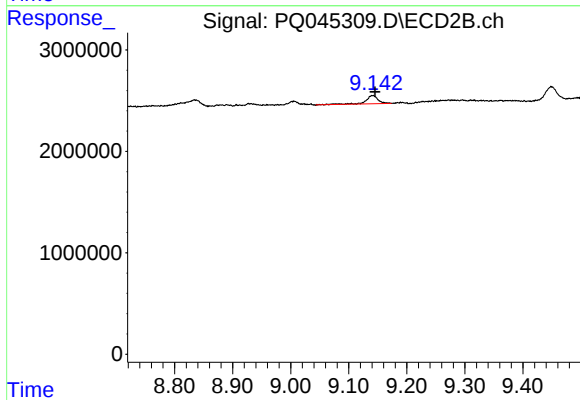
R.T.: 8.835 min
Delta R.T.: -0.008 min
Response: 1265503
Conc: 1.36 ng/ml



#44 AR-1268-4

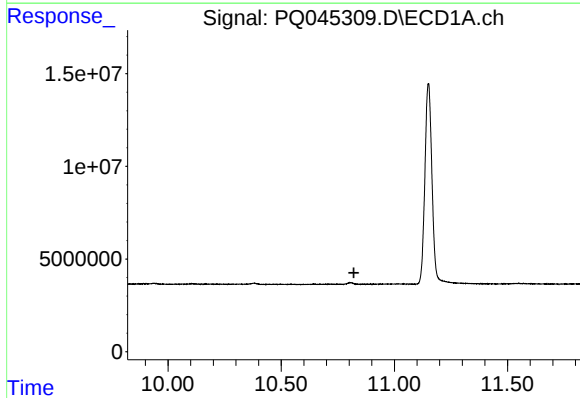
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248329



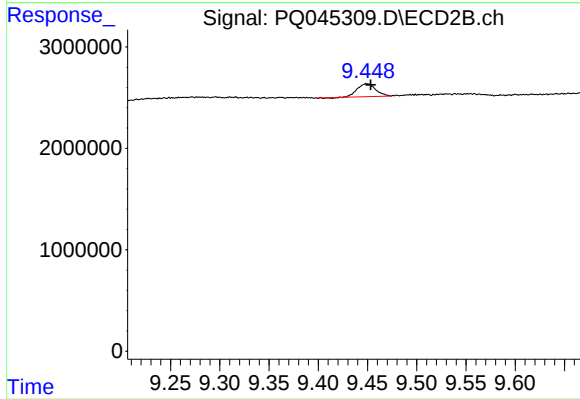
#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1188899
Conc: 2.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.449 min
Delta R.T.: -0.004 min
Response: 1635771
Conc: 0.54 ng/ml