

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060920\
 Data File : PQ048204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2020 15:06
 Operator : AJ\MA
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 04:13:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 10 03:52:33 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...	5.302	4.289	403.2E6	195.9E6	47.189	47.425
2)	SA Decachlor...	11.585	9.664	756.7E6	404.7E6	81.603	90.424
Target Compounds							
3)	L1 AR-1016-1	6.632	5.577	1627190	1906061	5.448	12.253 #
4)	L1 AR-1016-2	6.657	5.577	1880099	1906061	4.604	9.010 #
5)	L1 AR-1016-3	6.657	5.772	1880099	500231	7.437	4.605 #
6)	L1 AR-1016-4	0.000	5.821	0	647955	N.D.	7.248 #
7)	L1 AR-1016-5	7.150	6.096	1358296	554354	6.868	5.674
9)	L2 AR-1221-2	5.661	4.647	5414653	2114305	79.421	64.843
12)	L3 AR-1232-2	0.000	5.577	0	1906061	N.D.	22.322 #
13)	L3 AR-1232-3	6.657	5.772	1880099	500231	11.234	11.599
14)	L3 AR-1232-4	0.000	5.866	0	586061	N.D.	14.951 #
15)	L3 AR-1232-5	0.000	6.096	0	554354	N.D.	14.212 #
16)	L4 AR-1242-1	6.632	5.577	1627190	1906061	7.188	16.544 #
17)	L4 AR-1242-2	6.657	5.577	1880099	1906061	6.090	12.095 #
18)	L4 AR-1242-3	6.657	5.772	1880099	500231	9.816	6.096 #
19)	L4 AR-1242-4	0.000	5.866	0	586061	N.D.	7.250 #
20)	L4 AR-1242-5	7.619	6.432	2609565	1628692	15.358	15.220
21)	L5 AR-1248-1	6.632	5.577	1627190	1906061	9.376	21.578 #
22)	L5 AR-1248-2	0.000	5.821	0	647955	N.D.	5.776 #
23)	L5 AR-1248-3	7.150	5.866	1358296	586061	5.566	5.151
24)	L5 AR-1248-4	7.579	6.096	2467708	554354	8.922	4.087 #
25)	L5 AR-1248-5	7.619	6.474	2609565	1889986	9.926	13.736 #
26)	L6 AR-1254-1	7.551	6.432	3400793	1628692	11.353	6.894 #
27)	L6 AR-1254-2	7.787	6.590	2853788	492244	6.167	2.400 #
28)	L6 AR-1254-3	0.000	7.014	0	1966733	N.D.	5.860 #
29)	L6 AR-1254-4	8.459	7.251	3574069	1347640	9.440	6.136 #
30)	L6 AR-1254-5	8.871	7.724	3997722	60713006	10.002	207.827 #
31)	L7 AR-1260-1	0.000	7.137	0	1986611	N.D.	9.892 #
32)	L7 AR-1260-2	8.593	7.345	3656272	1759946	9.114	7.106
33)	L7 AR-1260-3	8.966	7.511	97973691	4588246	310.073	20.350 #
34)	L7 AR-1260-4	9.232	7.988	129.1E6	79000867	349.913	411.531
35)	L7 AR-1260-5	9.568	8.233	56665418	34341707	66.723	71.845
36)	L8 AR-1262-1	8.966	7.724	97973691	60713006	225.834	429.012 #
37)	L8 AR-1262-2	9.568	8.233	56665418	34341707	68.307	65.145
38)	L8 AR-1262-3	9.907	8.522	576.8E6	359.2E6	1488.830	1670.040
39)	L8 AR-1262-4	10.014	8.588	557.6E6	332.7E6	1230.142	864.356 #
40)	L8 AR-1262-5	10.749	9.092	215.2E6	119.8E6	637.599	652.499
41)	L9 AR-1268-1	9.907	8.522	576.8E6	359.2E6	508.536	523.369
42)	L9 AR-1268-2	10.014	8.588	557.6E6	332.7E6	510.676	523.647
43)	L9 AR-1268-3	10.265	8.799	475.5E6	274.6E6	511.135	518.692
44)	L9 AR-1268-4	10.749	9.092	215.2E6	119.8E6	509.769	514.409

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QLast Update : Wed Jun 10 03:52:33 2020
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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
45) L9	AR-1268-5	11.209	9.397	1630.1E6	926.2E6	512.102	529.057

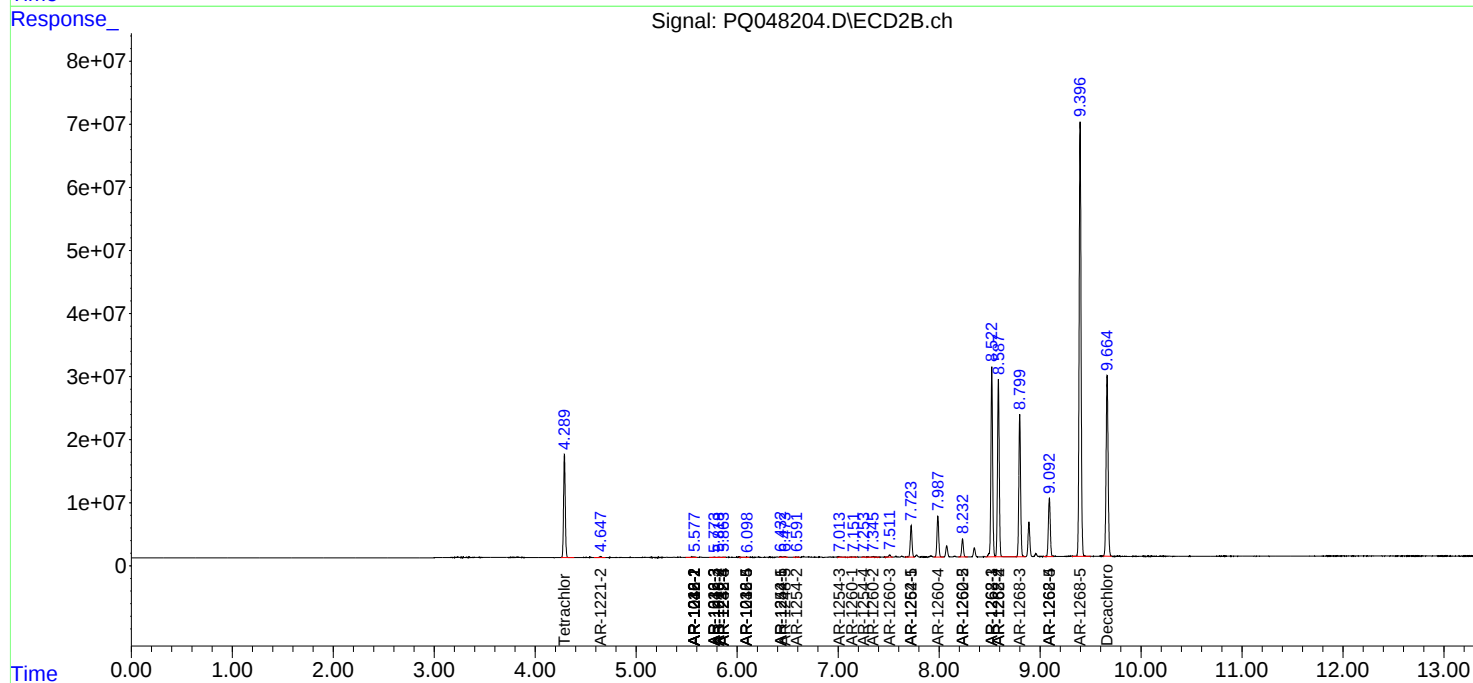
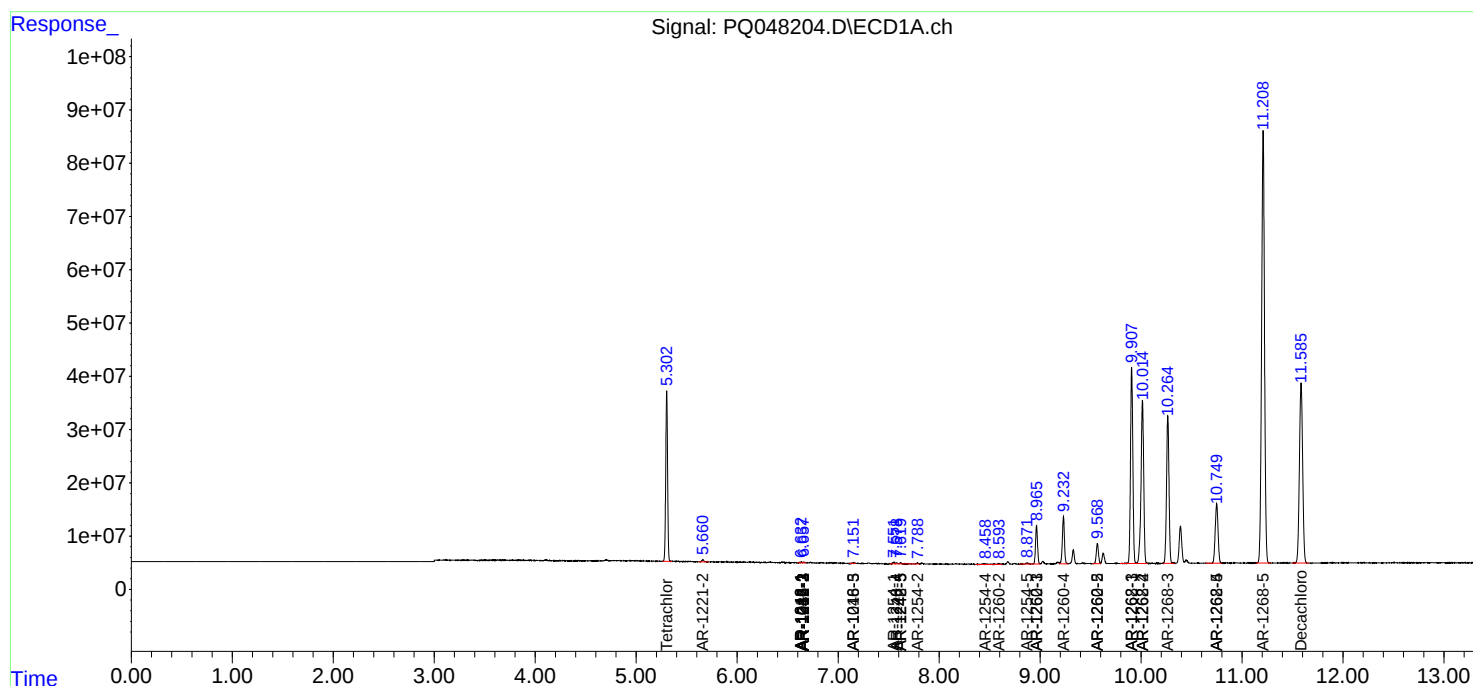
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

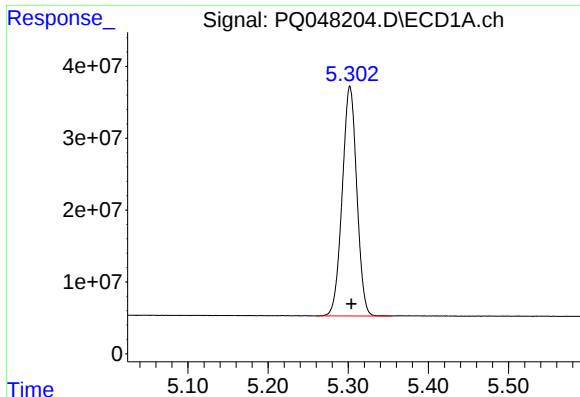
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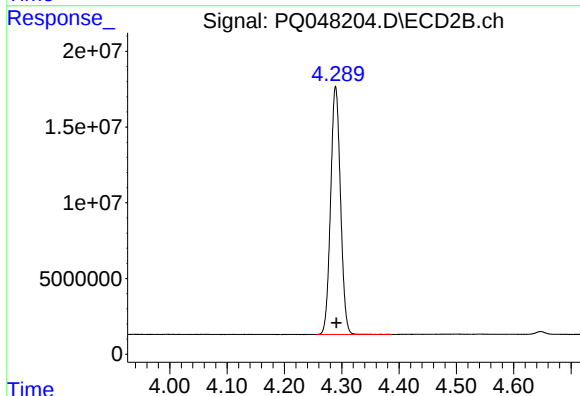




#1 Tetrachloro-m-xylene

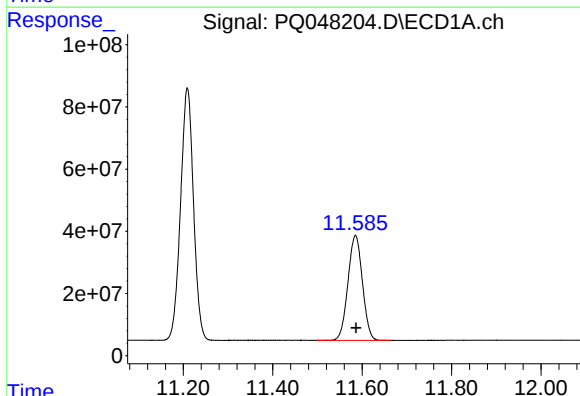
R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 403230770
Conc: 47.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



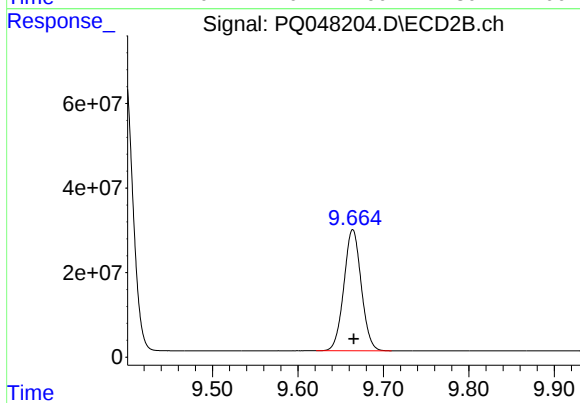
#1 Tetrachloro-m-xylene

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 195881956
Conc: 47.43 ng/ml



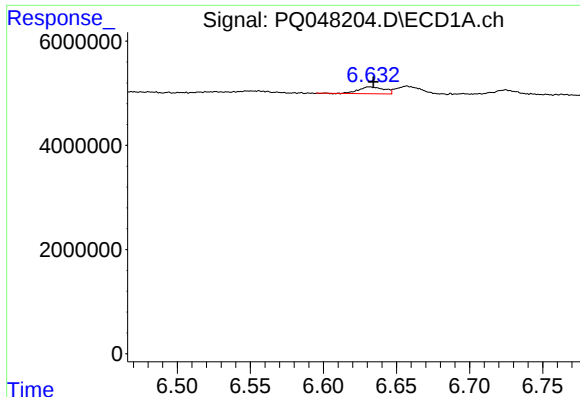
#2 Decachlorobiphenyl

R.T.: 11.585 min
Delta R.T.: -0.001 min
Response: 756677510
Conc: 81.60 ng/ml



#2 Decachlorobiphenyl

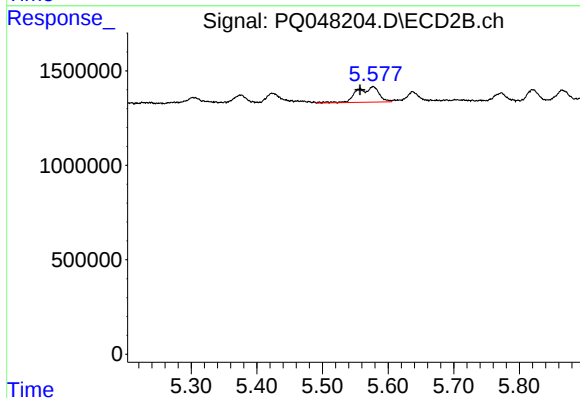
R.T.: 9.664 min
Delta R.T.: -0.001 min
Response: 404723624
Conc: 90.42 ng/ml



#3 AR-1016-1

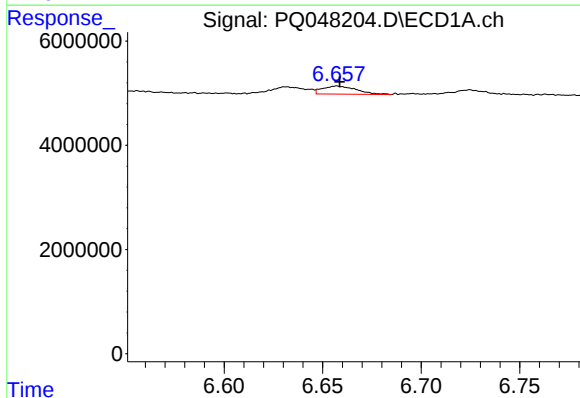
R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 1627190
Conc: 5.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



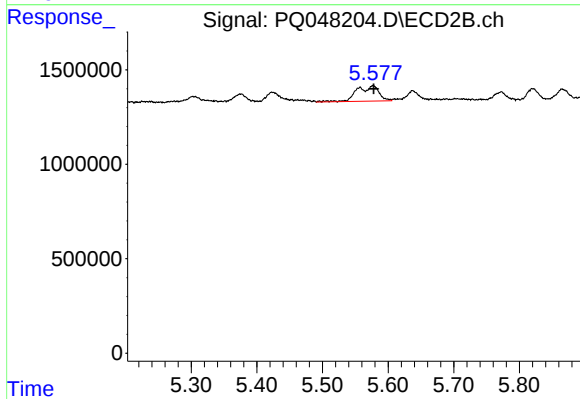
#3 AR-1016-1

R.T.: 5.577 min
Delta R.T.: 0.020 min
Response: 1906061
Conc: 12.25 ng/ml



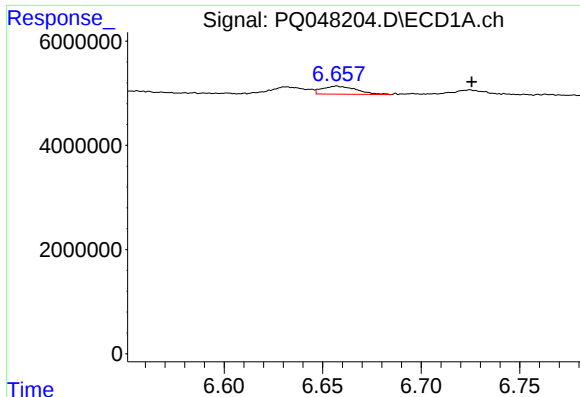
#4 AR-1016-2

R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 1880099
Conc: 4.60 ng/ml



#4 AR-1016-2

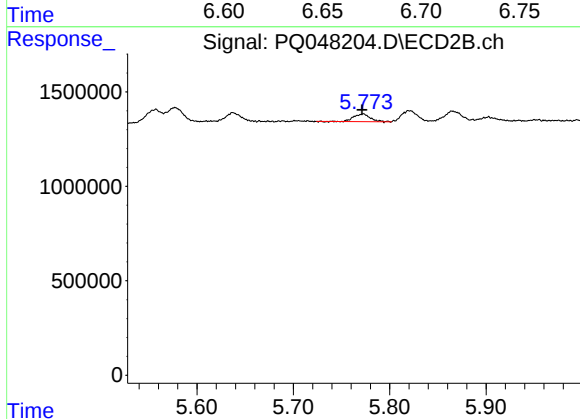
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 1906061
Conc: 9.01 ng/ml



#5 AR-1016-3

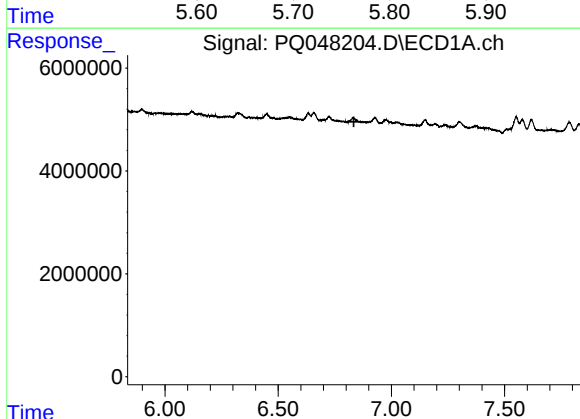
R.T.: 6.657 min
Delta R.T.: -0.069 min
Response: 1880099
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



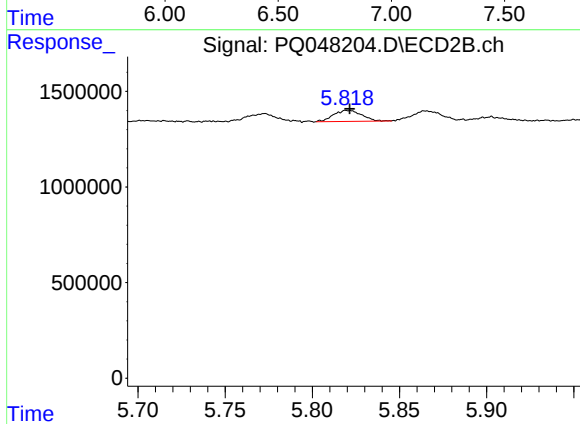
#5 AR-1016-3

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 500231
Conc: 4.61 ng/ml



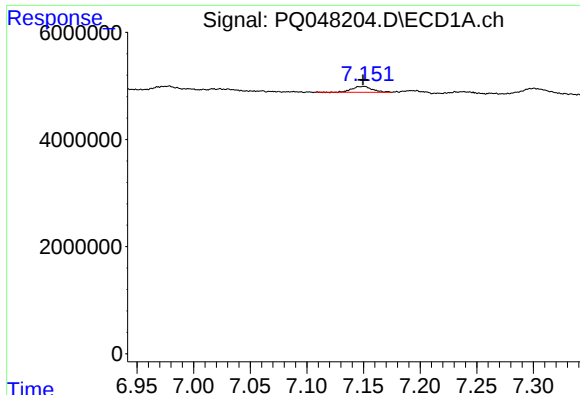
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.834 min
Response: 0
Conc: N.D.



#6 AR-1016-4

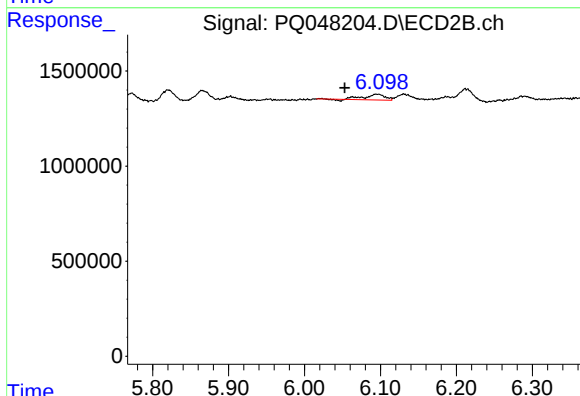
R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 647955
Conc: 7.25 ng/ml



#7 AR-1016-5

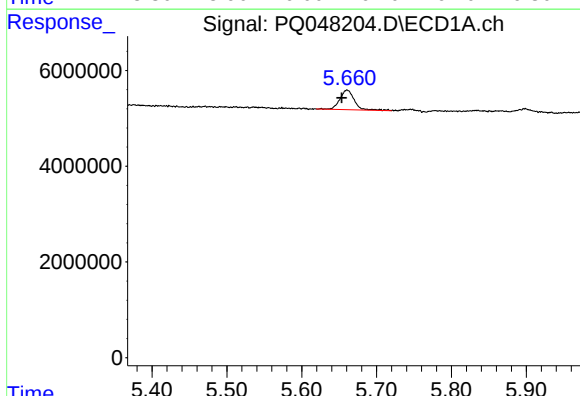
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 1358296
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



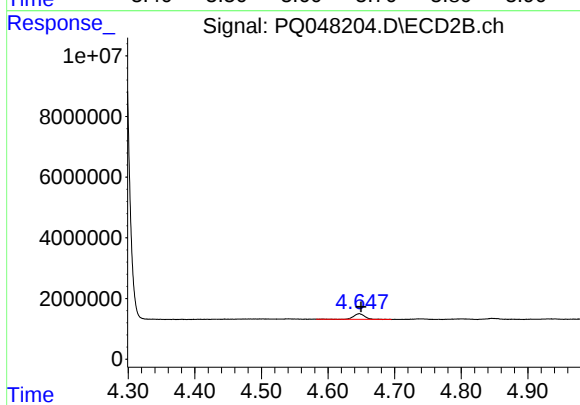
#7 AR-1016-5

R.T.: 6.096 min
Delta R.T.: 0.043 min
Response: 554354
Conc: 5.67 ng/ml



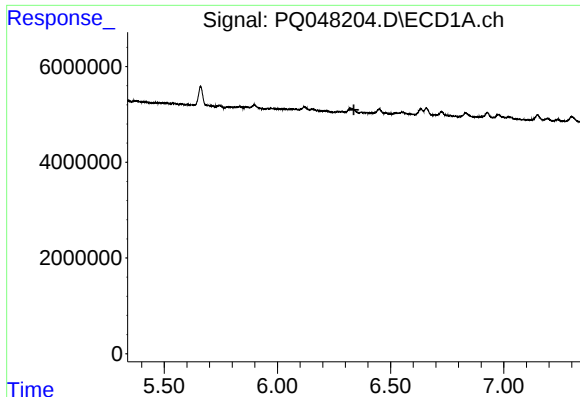
#9 AR-1221-2

R.T.: 5.661 min
Delta R.T.: 0.007 min
Response: 5414653
Conc: 79.42 ng/ml



#9 AR-1221-2

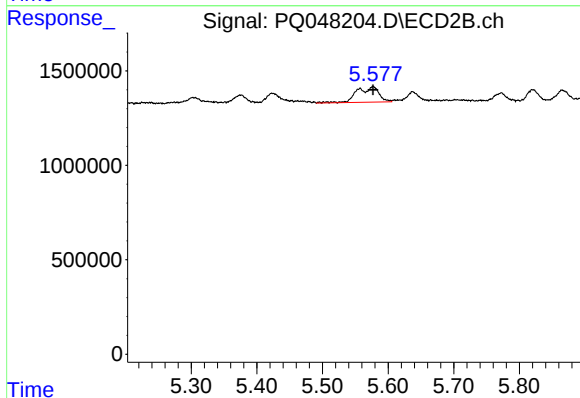
R.T.: 4.647 min
Delta R.T.: -0.003 min
Response: 2114305
Conc: 64.84 ng/ml



#12 AR-1232-2

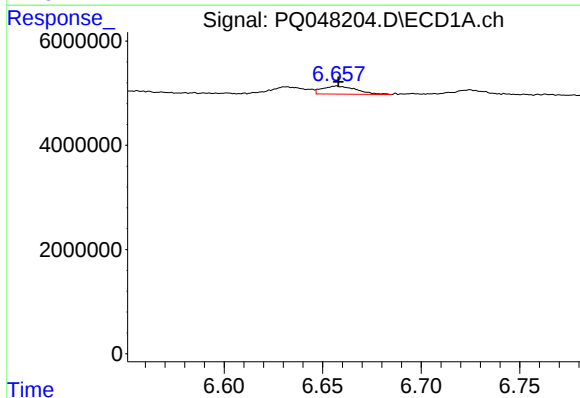
R.T.: 0.000 min
Exp R.T.: 6.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



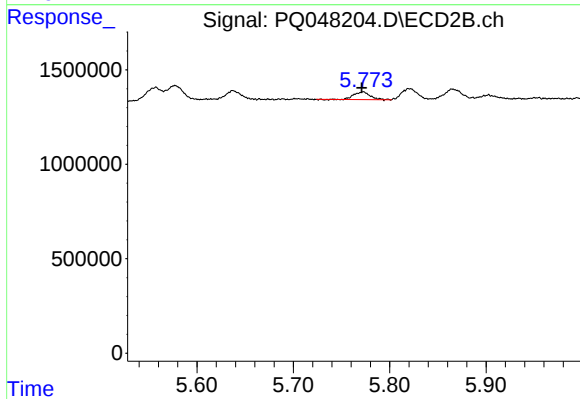
#12 AR-1232-2

R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 1906061
Conc: 22.32 ng/ml



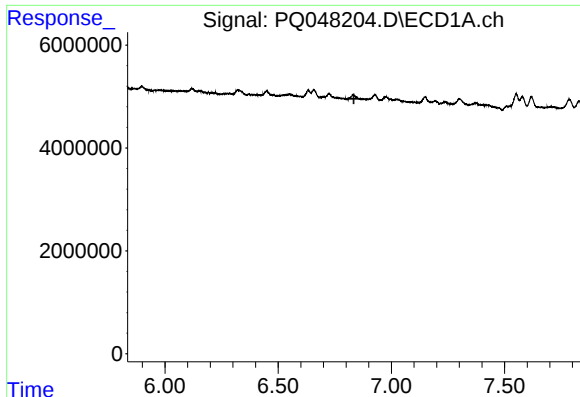
#13 AR-1232-3

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 1880099
Conc: 11.23 ng/ml



#13 AR-1232-3

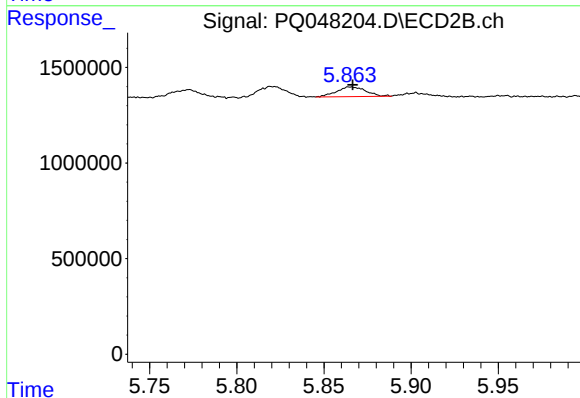
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 500231
Conc: 11.60 ng/ml



#14 AR-1232-4

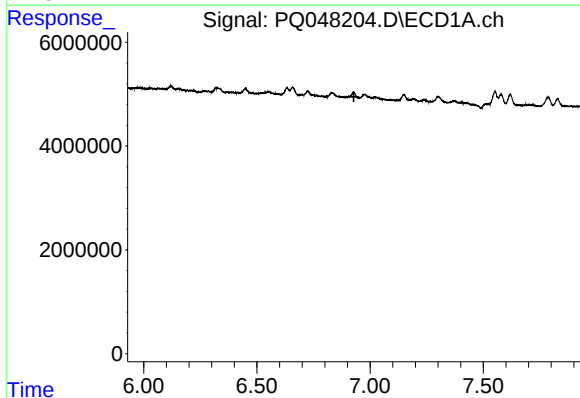
R.T.: 0.000 min
Exp R.T.: 6.835 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



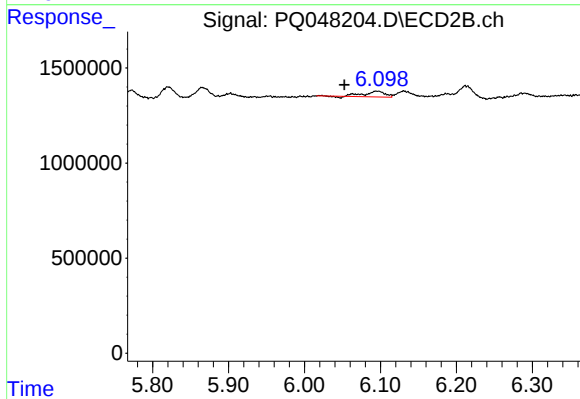
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 586061
Conc: 14.95 ng/ml



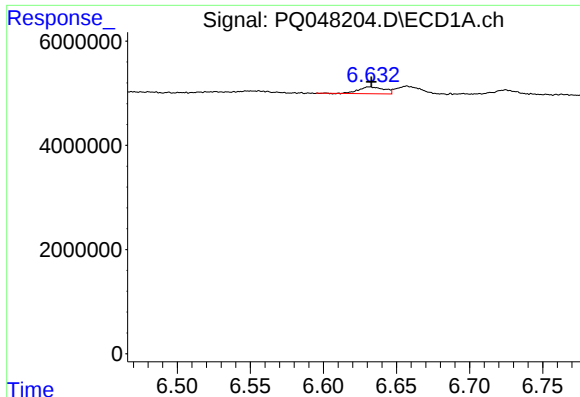
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.929 min
Response: 0
Conc: N.D.



#15 AR-1232-5

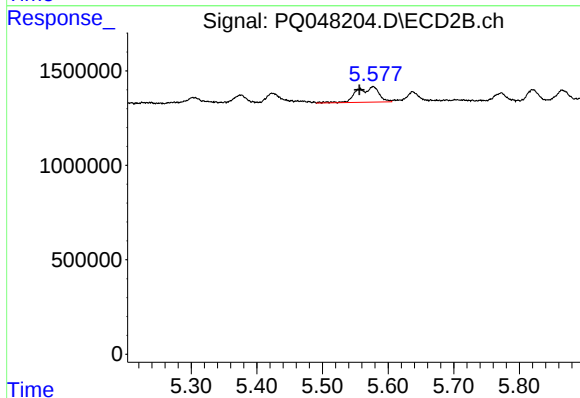
R.T.: 6.096 min
Delta R.T.: 0.043 min
Response: 554354
Conc: 14.21 ng/ml



#16 AR-1242-1

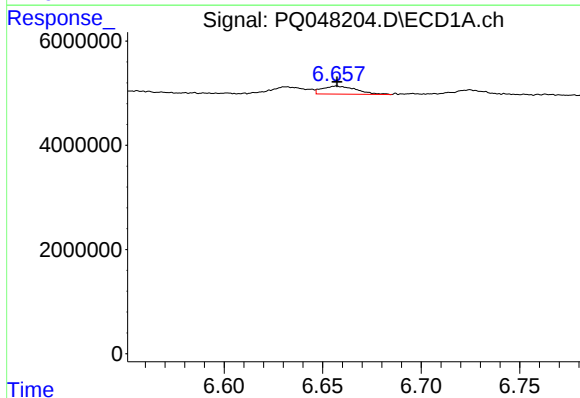
R.T.: 6.632 min
Delta R.T.: -0.001 min
Response: 1627190
Conc: 7.19 ng/ml

Instrument :
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ClientSampleId :
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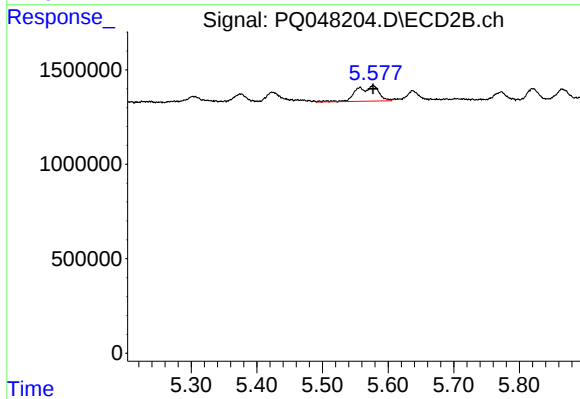
#16 AR-1242-1

R.T.: 5.577 min
Delta R.T.: 0.021 min
Response: 1906061
Conc: 16.54 ng/ml



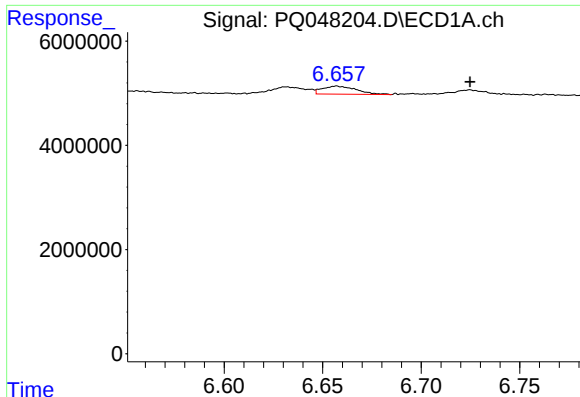
#17 AR-1242-2

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 1880099
Conc: 6.09 ng/ml



#17 AR-1242-2

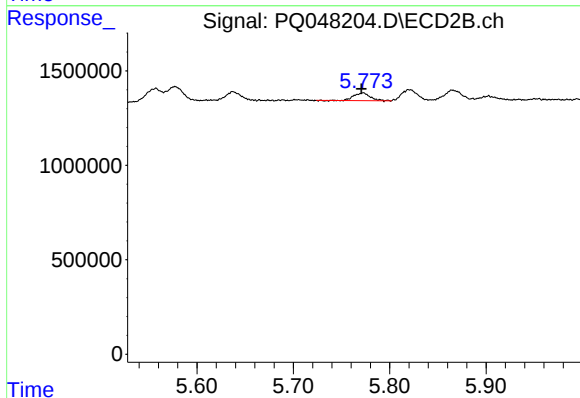
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 1906061
Conc: 12.09 ng/ml



#18 AR-1242-3

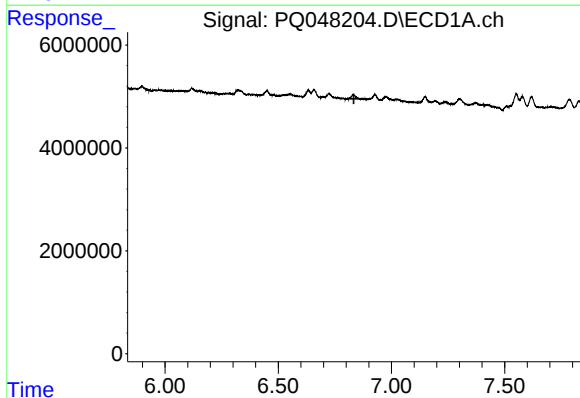
R.T.: 6.657 min
Delta R.T.: -0.068 min
Response: 1880099
Conc: 9.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



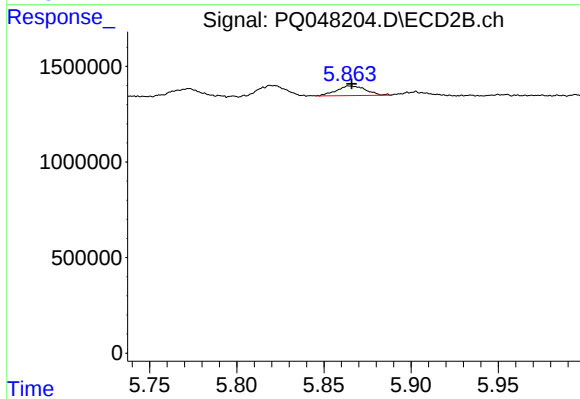
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: 0.001 min
Response: 500231
Conc: 6.10 ng/ml



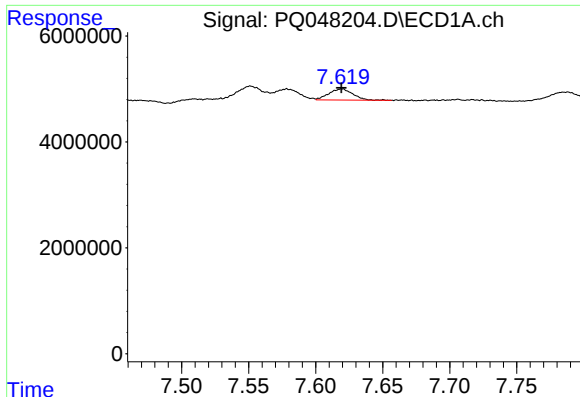
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.834 min
Response: 0
Conc: N.D.



#19 AR-1242-4

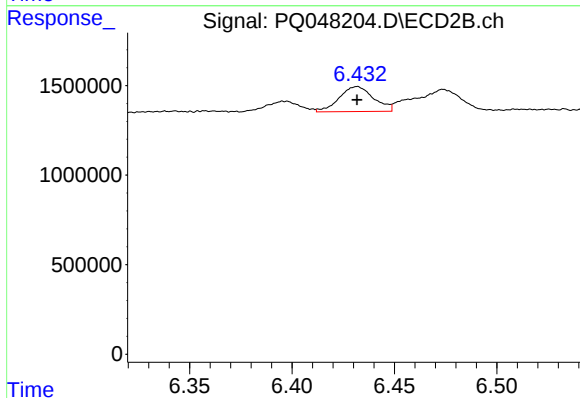
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 586061
Conc: 7.25 ng/ml



#20 AR-1242-5

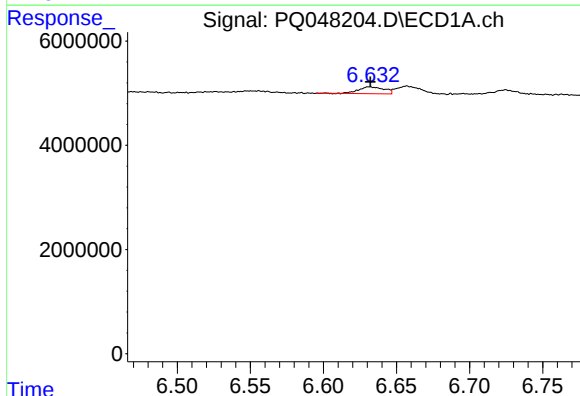
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 2609565
Conc: 15.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



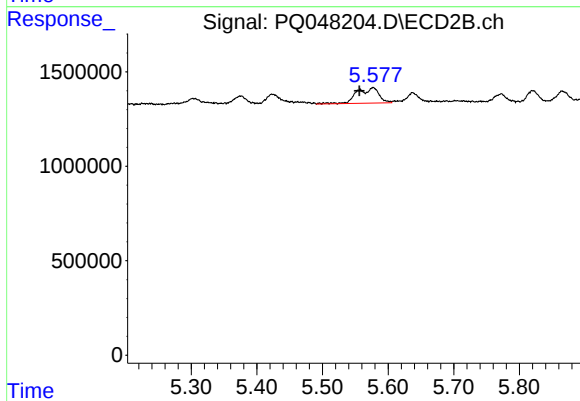
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1628692
Conc: 15.22 ng/ml



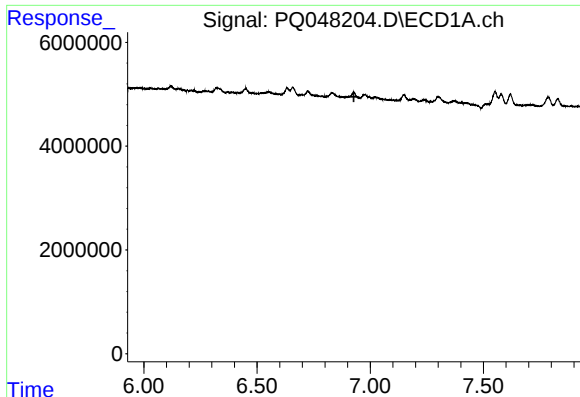
#21 AR-1248-1

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 1627190
Conc: 9.38 ng/ml



#21 AR-1248-1

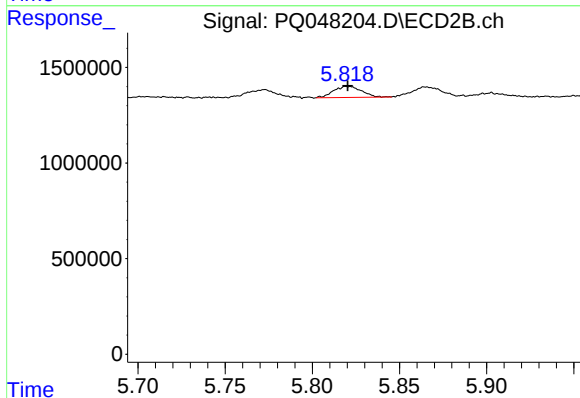
R.T.: 5.577 min
Delta R.T.: 0.021 min
Response: 1906061
Conc: 21.58 ng/ml



#22 AR-1248-2

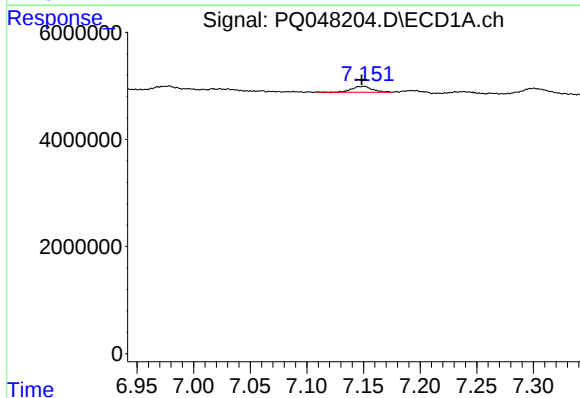
R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



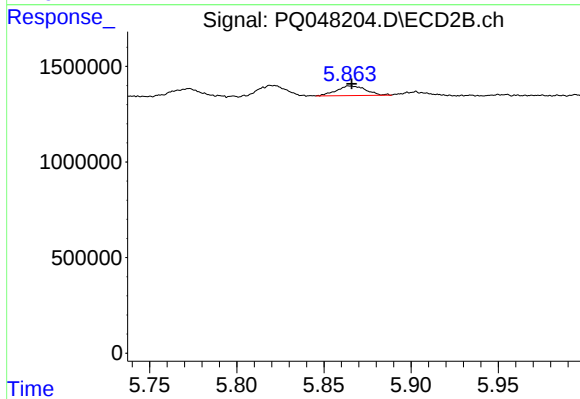
#22 AR-1248-2

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 647955
Conc: 5.78 ng/ml



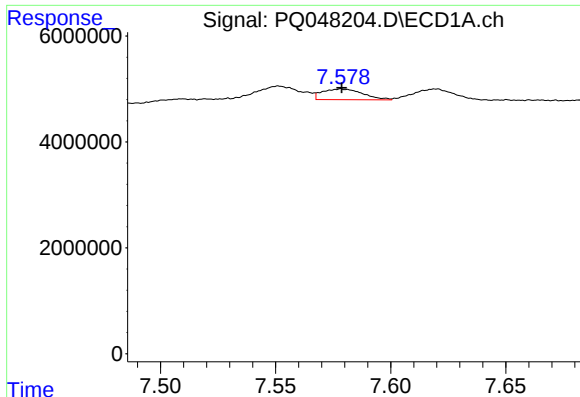
#23 AR-1248-3

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 1358296
Conc: 5.57 ng/ml



#23 AR-1248-3

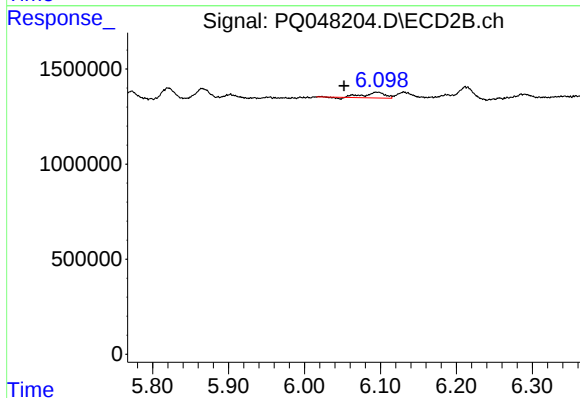
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 586061
Conc: 5.15 ng/ml



#24 AR-1248-4

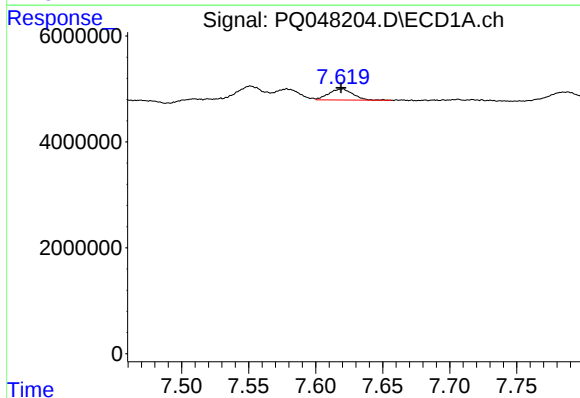
R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 2467708
Conc: 8.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



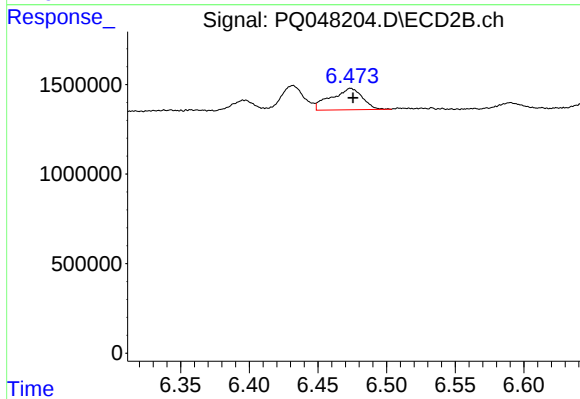
#24 AR-1248-4

R.T.: 6.096 min
Delta R.T.: 0.043 min
Response: 554354
Conc: 4.09 ng/ml



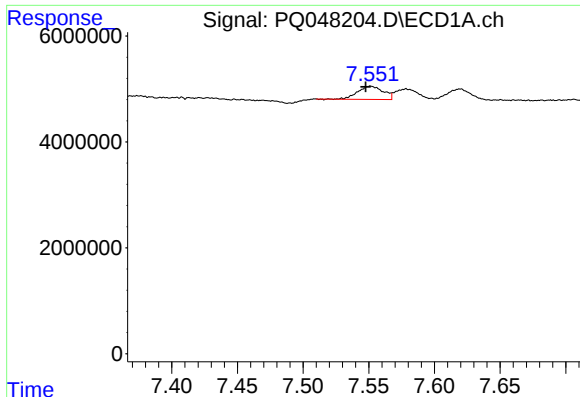
#25 AR-1248-5

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 2609565
Conc: 9.93 ng/ml



#25 AR-1248-5

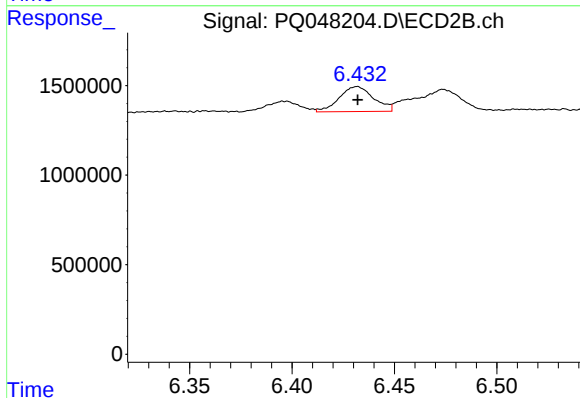
R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 1889986
Conc: 13.74 ng/ml



#26 AR-1254-1

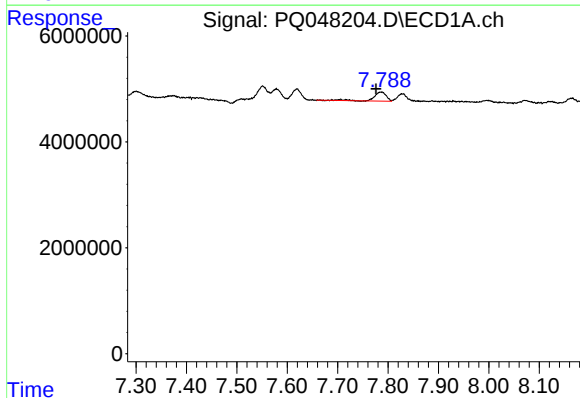
R.T.: 7.551 min
Delta R.T.: 0.003 min
Response: 3400793
Conc: 11.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



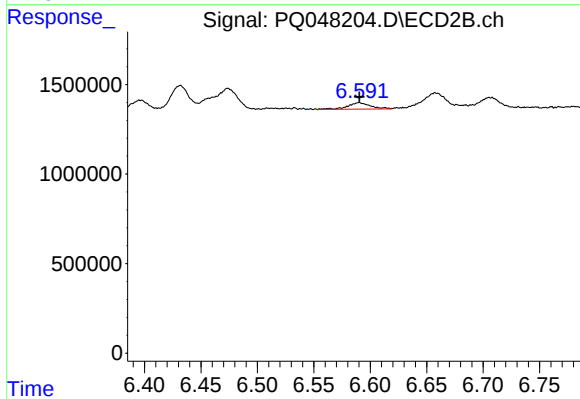
#26 AR-1254-1

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1628692
Conc: 6.89 ng/ml



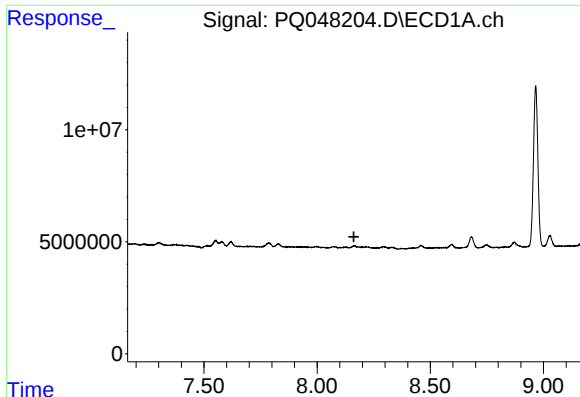
#27 AR-1254-2

R.T.: 7.787 min
Delta R.T.: 0.011 min
Response: 2853788
Conc: 6.17 ng/ml



#27 AR-1254-2

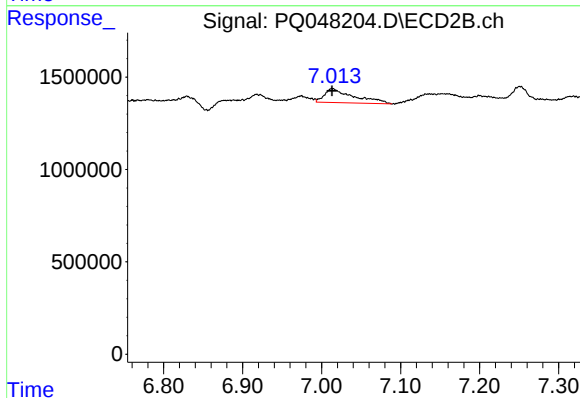
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 492244
Conc: 2.40 ng/ml



#28 AR-1254-3

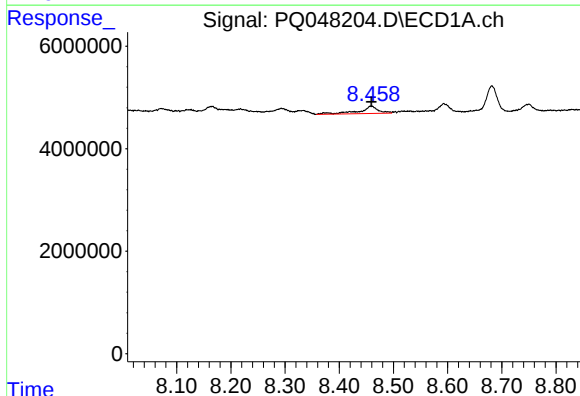
R.T.: 0.000 min
Exp R.T.: 8.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



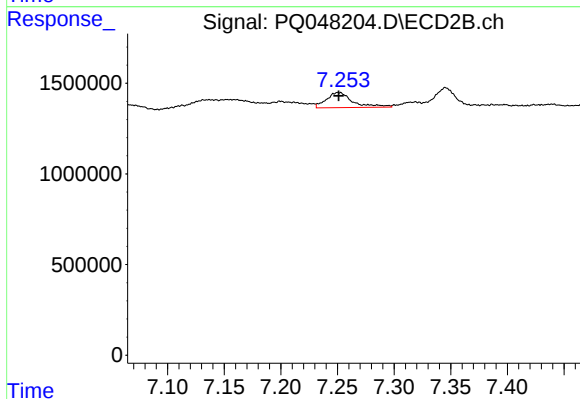
#28 AR-1254-3

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 1966733
Conc: 5.86 ng/ml



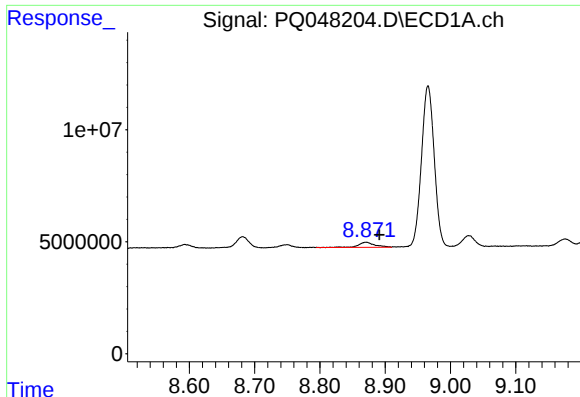
#29 AR-1254-4

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3574069
Conc: 9.44 ng/ml



#29 AR-1254-4

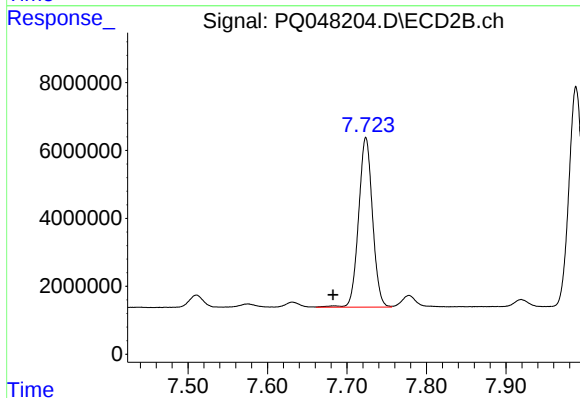
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 1347640
Conc: 6.14 ng/ml



#30 AR-1254-5

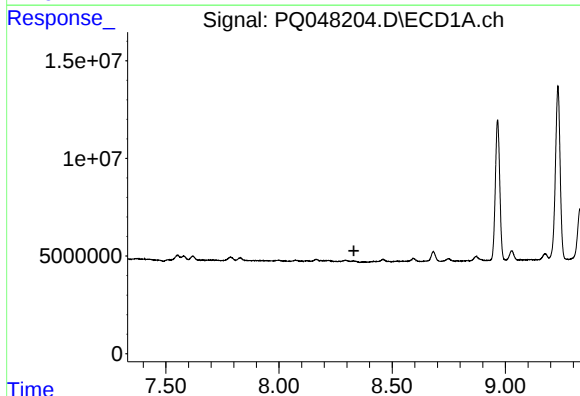
R.T.: 8.871 min
Delta R.T.: -0.021 min
Response: 3997722
Conc: 10.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



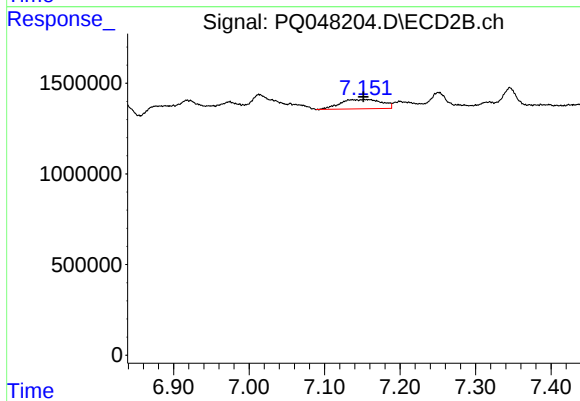
#30 AR-1254-5

R.T.: 7.724 min
Delta R.T.: 0.041 min
Response: 60713006
Conc: 207.83 ng/ml



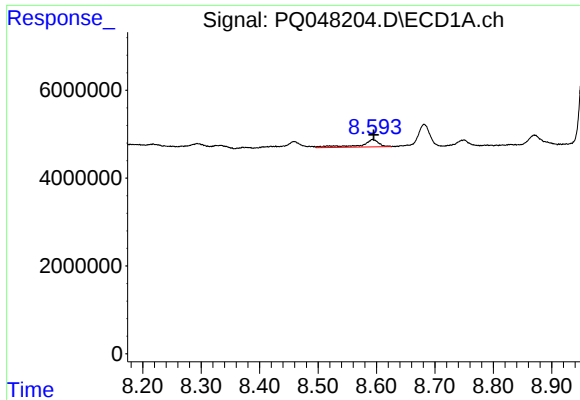
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.331 min
Response: 0
Conc: N.D.



#31 AR-1260-1

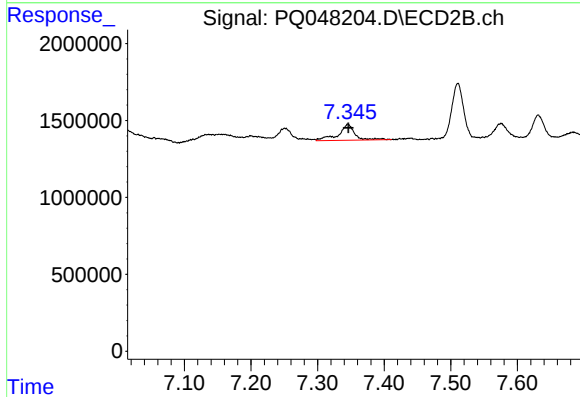
R.T.: 7.137 min
Delta R.T.: -0.014 min
Response: 1986611
Conc: 9.89 ng/ml



#32 AR-1260-2

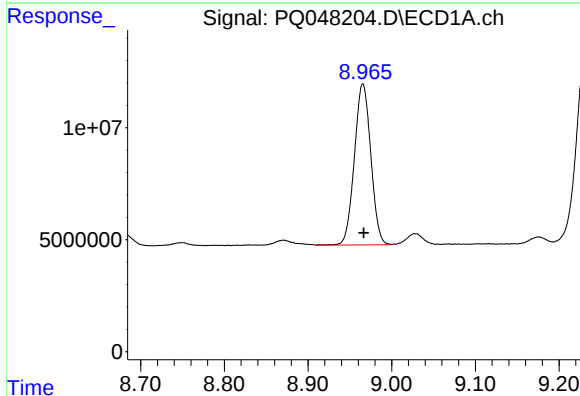
R.T.: 8.593 min
Delta R.T.: -0.002 min
Response: 3656272
Conc: 9.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



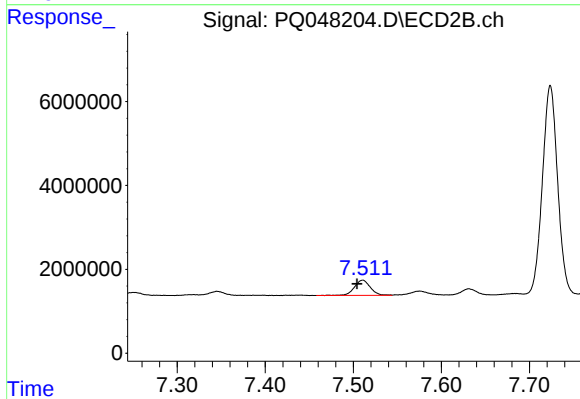
#32 AR-1260-2

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 1759946
Conc: 7.11 ng/ml



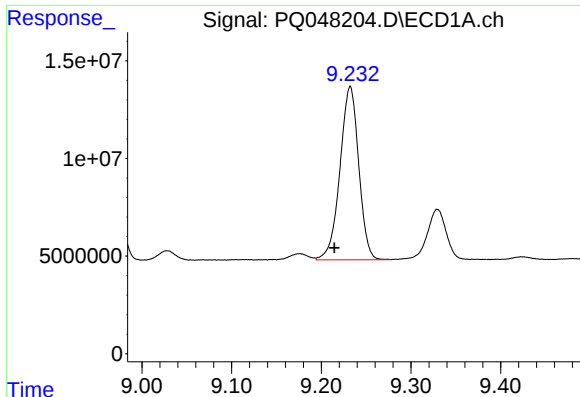
#33 AR-1260-3

R.T.: 8.966 min
Delta R.T.: -0.001 min
Response: 97973691
Conc: 310.07 ng/ml



#33 AR-1260-3

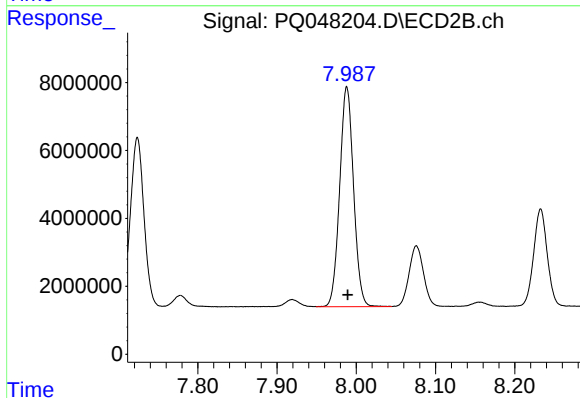
R.T.: 7.511 min
Delta R.T.: 0.006 min
Response: 4588246
Conc: 20.35 ng/ml



#34 AR-1260-4

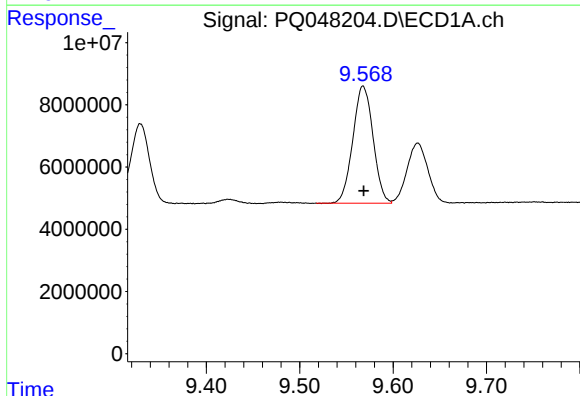
R.T.: 9.232 min
Delta R.T.: 0.018 min
Response: 129129512
Conc: 349.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



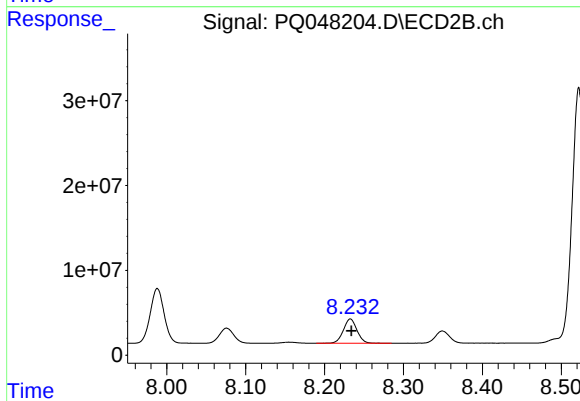
#34 AR-1260-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 79000867
Conc: 411.53 ng/ml



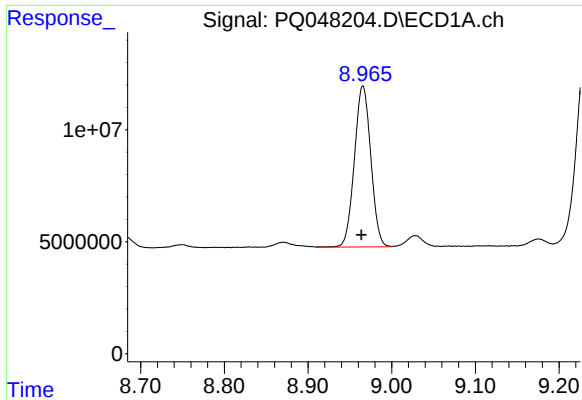
#35 AR-1260-5

R.T.: 9.568 min
Delta R.T.: 0.000 min
Response: 56665418
Conc: 66.72 ng/ml



#35 AR-1260-5

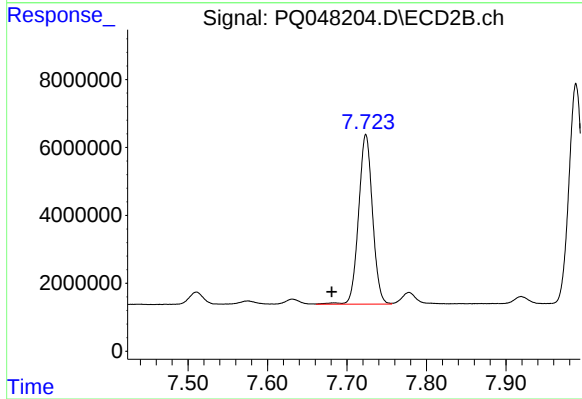
R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 34341707
Conc: 71.85 ng/ml



#36 AR-1262-1

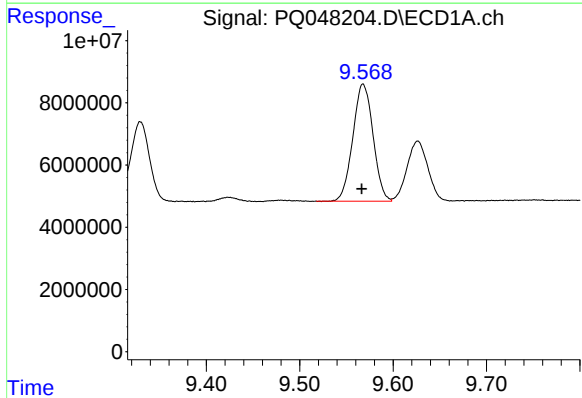
R.T.: 8.966 min
Delta R.T.: 0.002 min
Response: 97973691
Conc: 225.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



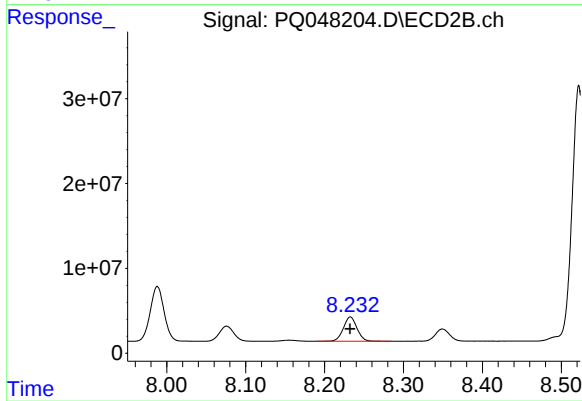
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: 0.043 min
Response: 60713006
Conc: 429.01 ng/ml



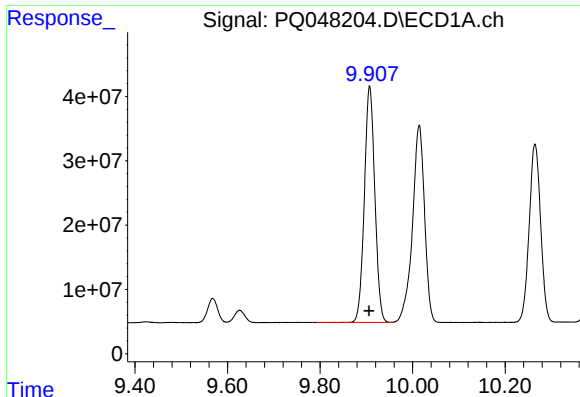
#37 AR-1262-2

R.T.: 9.568 min
Delta R.T.: 0.001 min
Response: 56665418
Conc: 68.31 ng/ml



#37 AR-1262-2

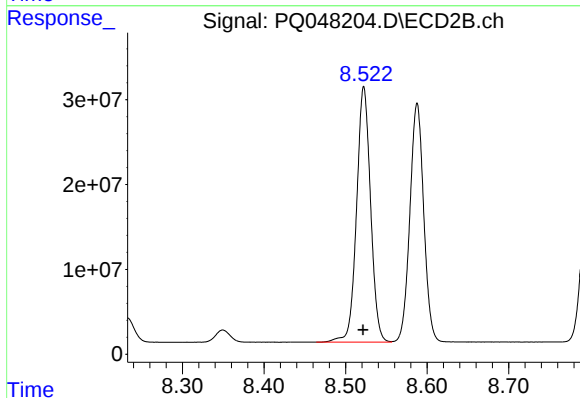
R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 34341707
Conc: 65.15 ng/ml



#38 AR-1262-3

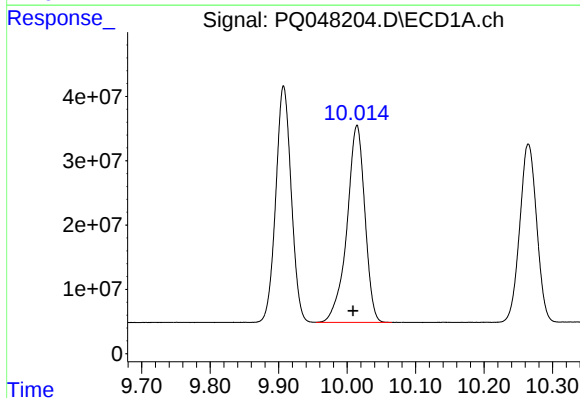
R.T.: 9.907 min
Delta R.T.: 0.001 min
Response: 576758525
Conc: 1488.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



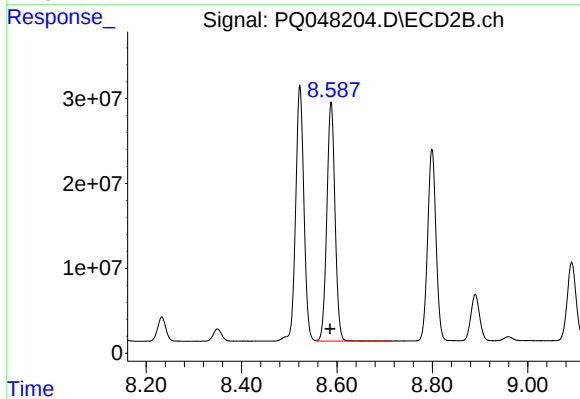
#38 AR-1262-3

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 359184226
Conc: 1670.04 ng/ml



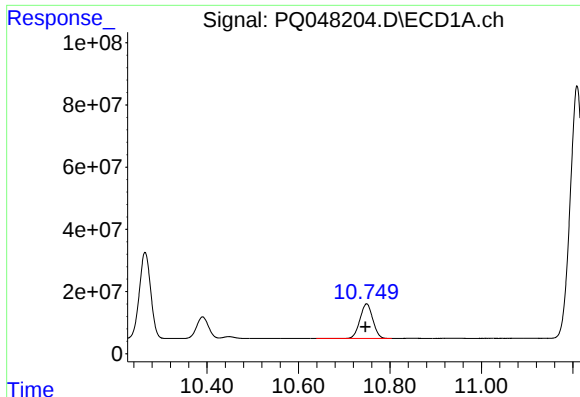
#39 AR-1262-4

R.T.: 10.014 min
Delta R.T.: 0.006 min
Response: 557628660
Conc: 1230.14 ng/ml



#39 AR-1262-4

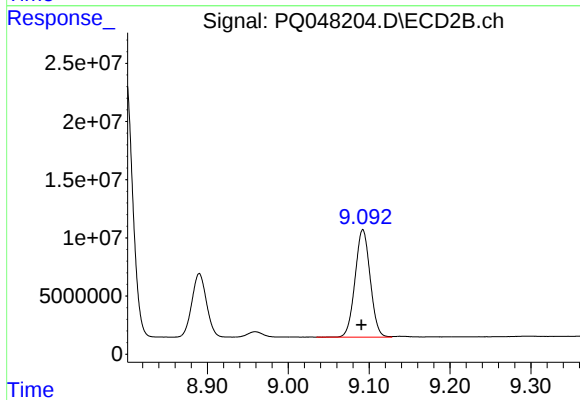
R.T.: 8.588 min
Delta R.T.: 0.002 min
Response: 332693386
Conc: 864.36 ng/ml



#40 AR-1262-5

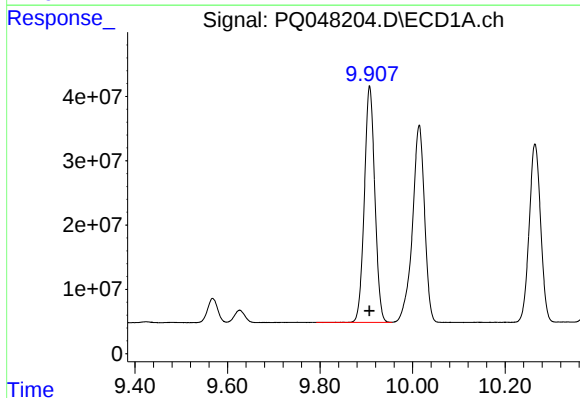
R.T.: 10.749 min
Delta R.T.: 0.003 min
Response: 215182005
Conc: 637.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



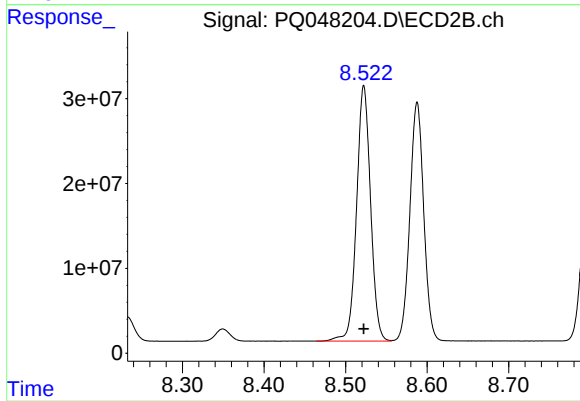
#40 AR-1262-5

R.T.: 9.092 min
Delta R.T.: 0.002 min
Response: 119846529
Conc: 652.50 ng/ml



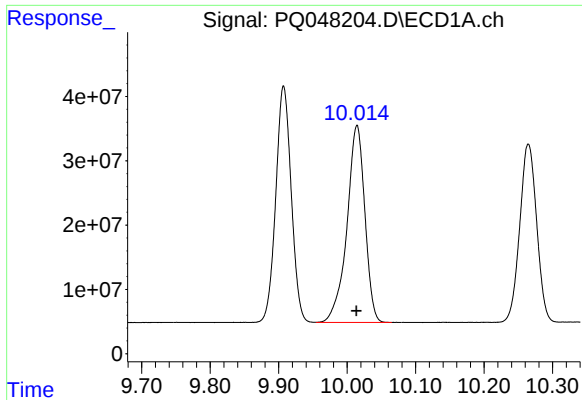
#41 AR-1268-1

R.T.: 9.907 min
Delta R.T.: 0.000 min
Response: 576758525
Conc: 508.54 ng/ml



#41 AR-1268-1

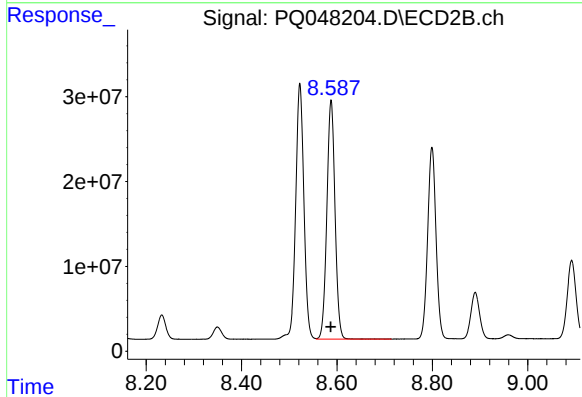
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 359184226
Conc: 523.37 ng/ml



#42 AR-1268-2

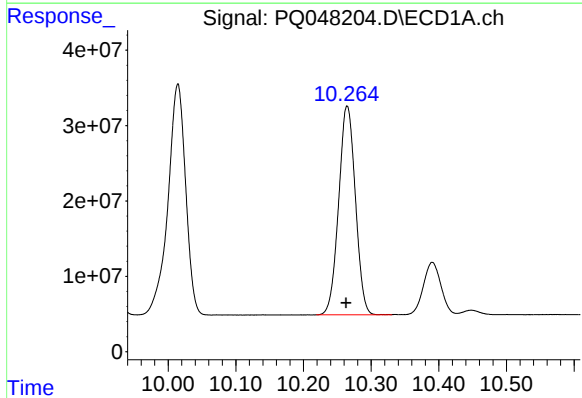
R.T.: 10.014 min
Delta R.T.: 0.000 min
Response: 557628660
Conc: 510.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



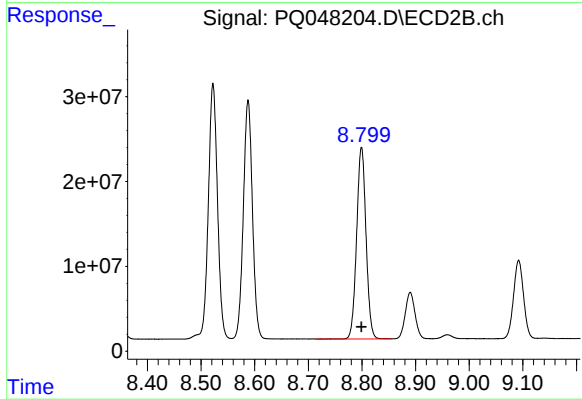
#42 AR-1268-2

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 332693386
Conc: 523.65 ng/ml



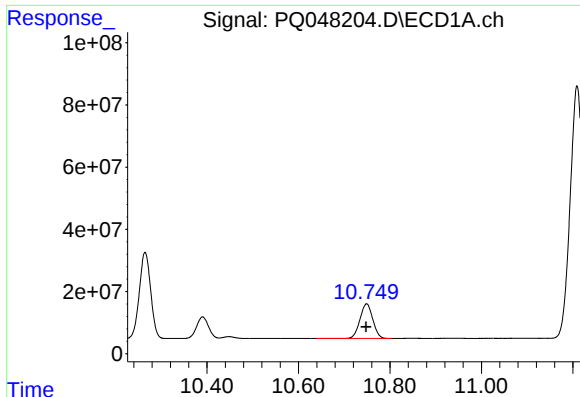
#43 AR-1268-3

R.T.: 10.265 min
Delta R.T.: 0.001 min
Response: 475470586
Conc: 511.13 ng/ml



#43 AR-1268-3

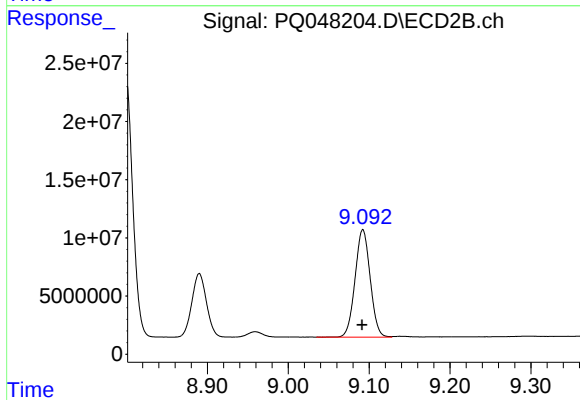
R.T.: 8.799 min
Delta R.T.: 0.000 min
Response: 274626986
Conc: 518.69 ng/ml



#44 AR-1268-4

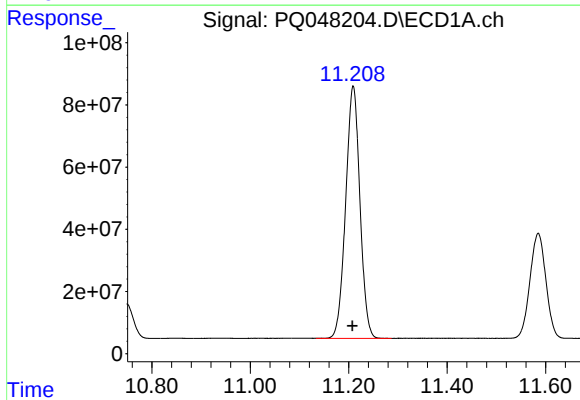
R.T.: 10.749 min
Delta R.T.: 0.001 min
Response: 215182005
Conc: 509.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268CCC500



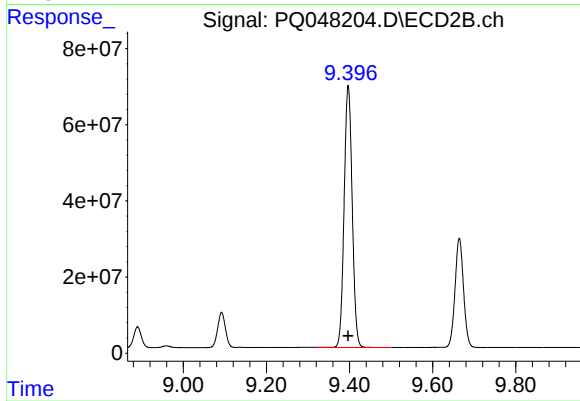
#44 AR-1268-4

R.T.: 9.092 min
Delta R.T.: 0.001 min
Response: 119846529
Conc: 514.41 ng/ml



#45 AR-1268-5

R.T.: 11.209 min
Delta R.T.: 0.002 min
Response: 1630116130
Conc: 512.10 ng/ml



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: 0.000 min
Response: 926248429
Conc: 529.06 ng/ml