

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101524\
 Data File : PQ069109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 10:26
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483160

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 02:39:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 08 08:10:43 2024
 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...	3.330	2.740	238.7E6	196.2E6	20.172	17.392
2)	SA Decachlor...	8.458	7.480	158.3E6	186.4E6	37.779	29.975
Target Compounds							
3)	L1 AR-1016-1	4.418	3.732	94611359	78981475	251.136	211.514
4)	L1 AR-1016-2	4.437	3.747	113.8E6	79236654	203.296	144.512 #
5)	L1 AR-1016-3	4.494	3.907	55663900	55701556	164.015	189.807
6)	L1 AR-1016-4	4.584	3.955	64165620	113.7E6	226.240	463.935 #
7)	L1 AR-1016-5	4.869	4.149	153.6E6	136.6E6	564.971	440.337
8)	L2 AR-1221-1	3.516	2.938	2013287	1310903	15.072	10.056 #
9)	L2 AR-1221-2	3.605	3.008	5531050	3704284	60.628	40.104 #
10)	L2 AR-1221-3	3.675	3.080	9069616	6626103	30.602	22.555 #
11)	L3 AR-1232-1	3.675	3.080	9069616	6626103	37.057	27.118 #
12)	L3 AR-1232-2	4.162	3.747	44185419	79236654	333.818	313.127
13)	L3 AR-1232-3	4.437	3.907	113.8E6	55701556	448.934	419.361
14)	L3 AR-1232-4	4.584	3.992	64165620	109.5E6	511.198	1017.447 #
15)	L3 AR-1232-5	4.681	4.149	125.2E6	136.6E6	1544.547	1064.645 #
16)	L4 AR-1242-1	4.418	3.732	94611359	78981475	303.501	239.567
17)	L4 AR-1242-2	4.437	3.747	113.8E6	79236654	243.061	165.826 #
18)	L4 AR-1242-3	4.494	3.907	55663900	55701556	195.577	216.149
19)	L4 AR-1242-4	4.584	3.992	64165620	109.5E6	269.783	471.950 #
20)	L4 AR-1242-5	5.295	4.484	165.0E6	193.1E6	663.732	604.051
21)	L5 AR-1248-1	4.418	3.732	94611359	78981475	410.229	320.113
22)	L5 AR-1248-2	4.681	3.955	125.2E6	113.7E6	404.133	317.564
23)	L5 AR-1248-3	4.869	3.992	153.6E6	109.5E6	407.475	320.061
24)	L5 AR-1248-4	5.260	4.149	174.3E6	136.6E6	400.837	314.632
25)	L5 AR-1248-5	5.295	4.521	165.0E6	139.7E6	388.708	313.292
26)	L6 AR-1254-1	5.232	4.484	139.1E6	193.1E6	322.353	293.286
27)	L6 AR-1254-2	5.446	4.630	173.4E6	57915714	257.938	100.494 #
28)	L6 AR-1254-3	5.801	5.008	96939184	90552059	133.130	98.118 #
29)	L6 AR-1254-4	6.084	5.234	69381803	62816894	131.279	104.374
30)	L6 AR-1254-5	6.497	5.637	19235830	18481858	32.838	21.882 #
31)	L7 AR-1260-1	5.967	5.140	13536130	44897925	27.687	78.131 #
32)	L7 AR-1260-2	6.225	5.327	9042479	8764644	15.283	12.402
33)	L7 AR-1260-3	6.586	5.462	1190295	10994482	2.719	16.421 #
34)	L7 AR-1260-4	6.799	5.927	1258242	2003897	2.572	3.455 #
35)	L7 AR-1260-5	7.109	6.172	2010078	3306591	1.993	2.441
36)	L8 AR-1262-1	6.799	5.698	1258242	2099621	1.981	2.399
37)	L8 AR-1262-2	7.109	5.927	2010078	2003897	1.635	2.497 #
38)	L8 AR-1262-3	7.397	6.444	2033725	5108595	2.580	7.929 #
39)	L8 AR-1262-4	7.397f	6.510	2033725	4147188	3.425	3.556
41)	L9 AR-1268-1	7.397	6.444	2033725	5108595	1.527	2.867 #
42)	L9 AR-1268-2	7.397f	6.510	2033725	4147188	1.684	2.523 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101524\
Data File : PQ069109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 10:26
Operator : YP\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12483160

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 02:39:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 08 08:10:43 2024
Response via : Initial Calibration
Integrator: ChemStation

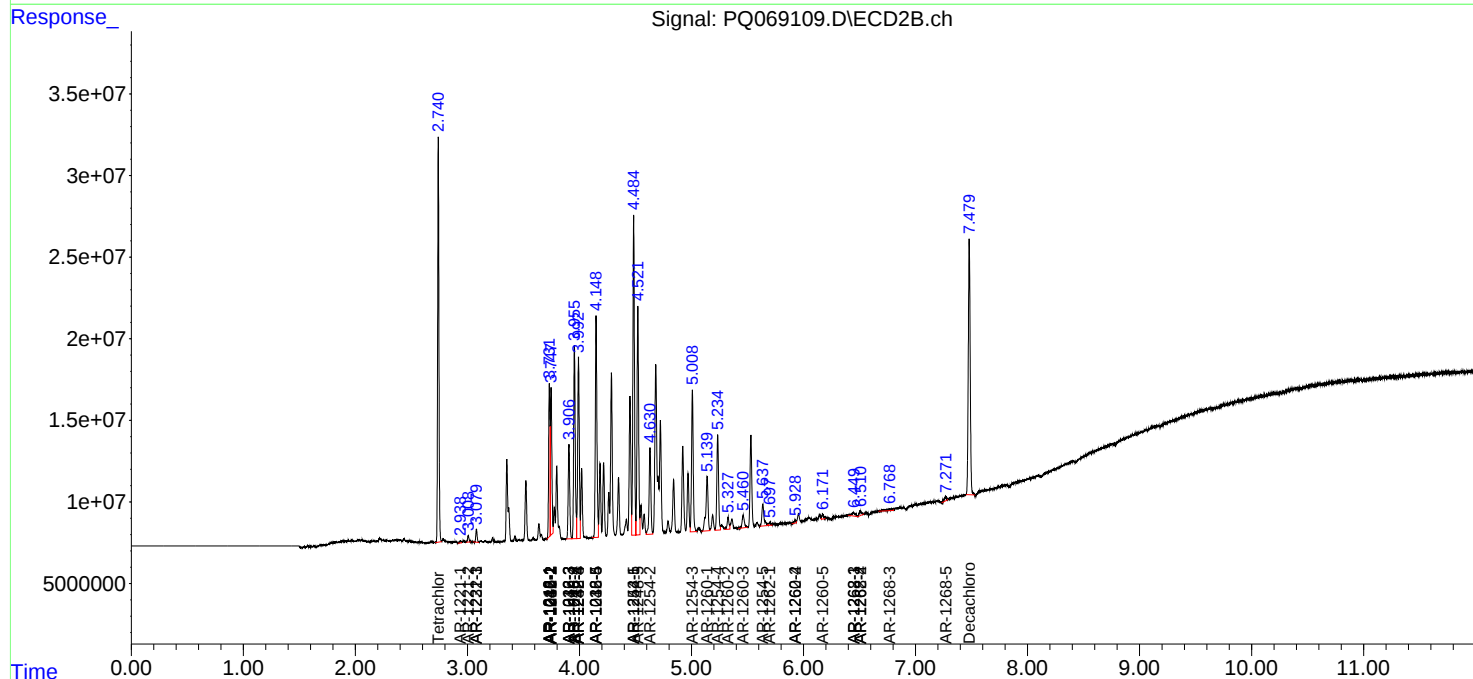
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

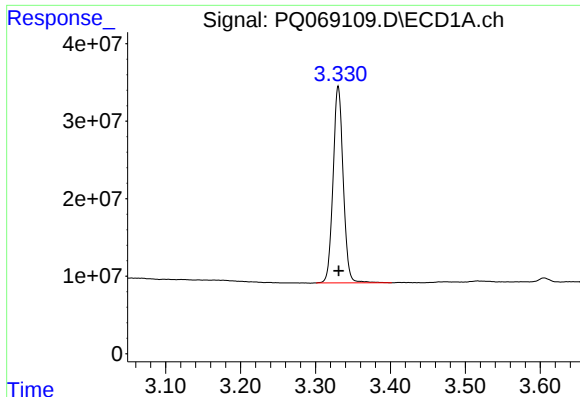
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	7.644	6.769f	1277766	4066575	1.260	2.883 #
45)	L9 AR-1268-5	8.252	7.267	2464309	3463267	0.804	0.798

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

Instrument :
ECD_Q
ClientSampleId :
AR12483160

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

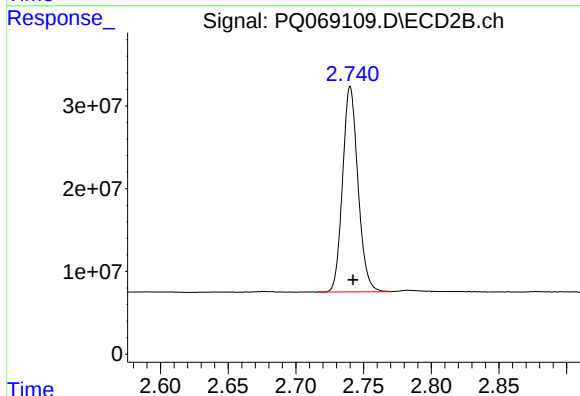




#1 Tetrachloro-m-xylene

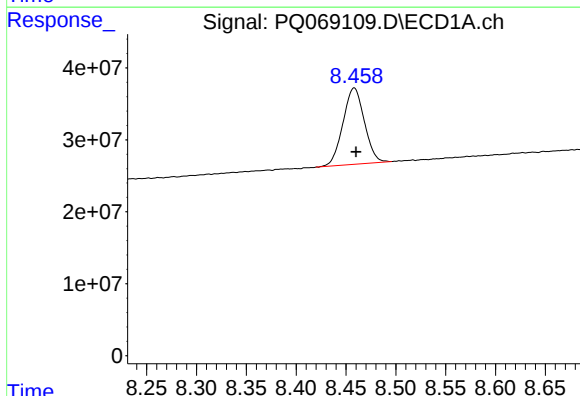
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 238651653
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



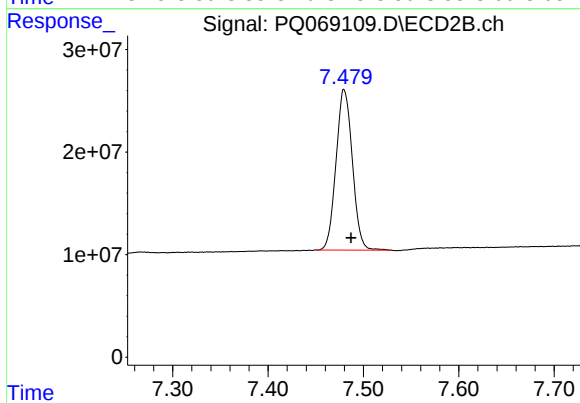
#1 Tetrachloro-m-xylene

R.T.: 2.740 min
Delta R.T.: -0.002 min
Response: 196245829
Conc: 17.39 ng/ml



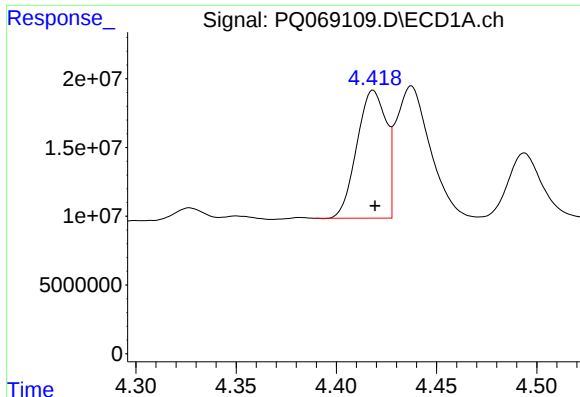
#2 Decachlorobiphenyl

R.T.: 8.458 min
Delta R.T.: -0.002 min
Response: 158329824
Conc: 37.78 ng/ml



#2 Decachlorobiphenyl

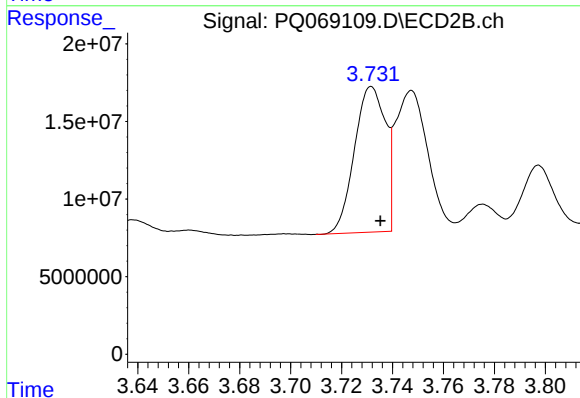
R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 186434526
Conc: 29.98 ng/ml



#3 AR-1016-1

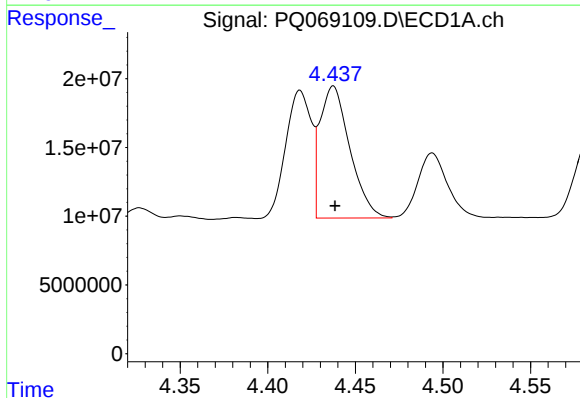
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 94611359
Conc: 251.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



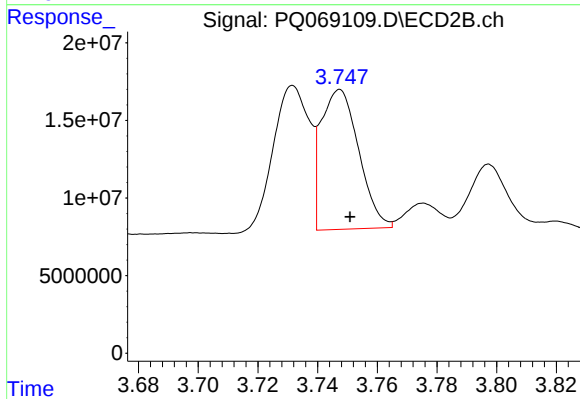
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 78981475
Conc: 211.51 ng/ml



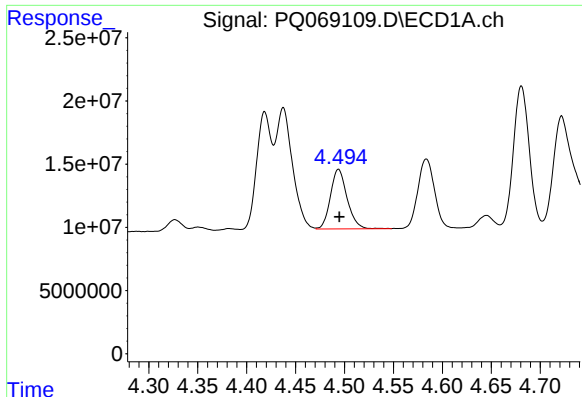
#4 AR-1016-2

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 113780446
Conc: 203.30 ng/ml



#4 AR-1016-2

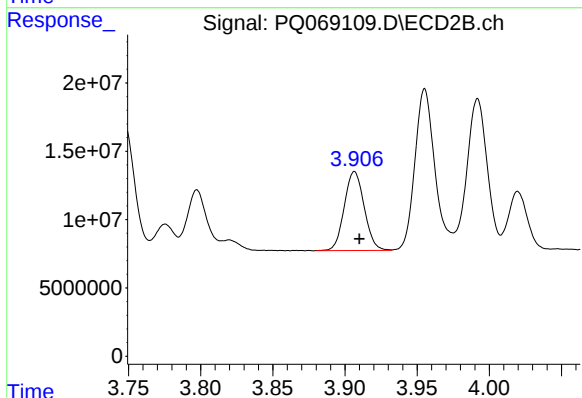
R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 79236654
Conc: 144.51 ng/ml



#5 AR-1016-3

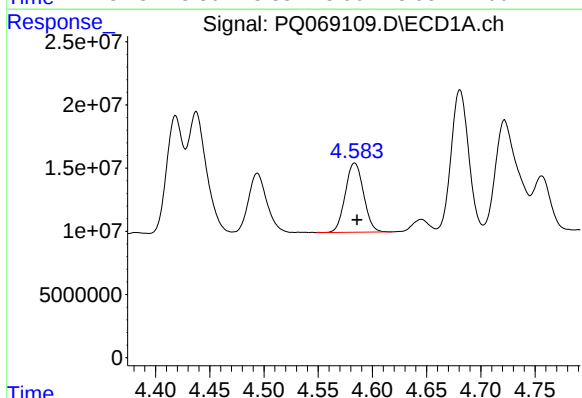
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 55663900
Conc: 164.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



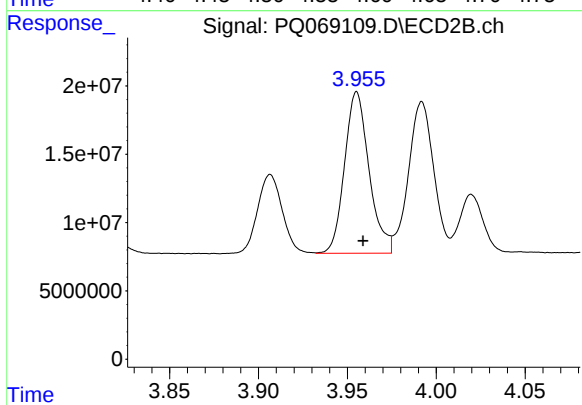
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 55701556
Conc: 189.81 ng/ml



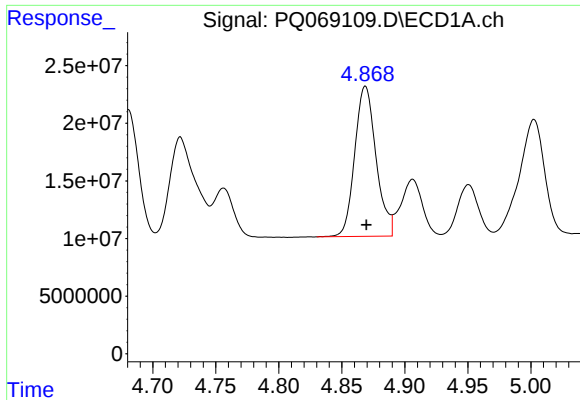
#6 AR-1016-4

R.T.: 4.584 min
Delta R.T.: -0.002 min
Response: 64165620
Conc: 226.24 ng/ml



#6 AR-1016-4

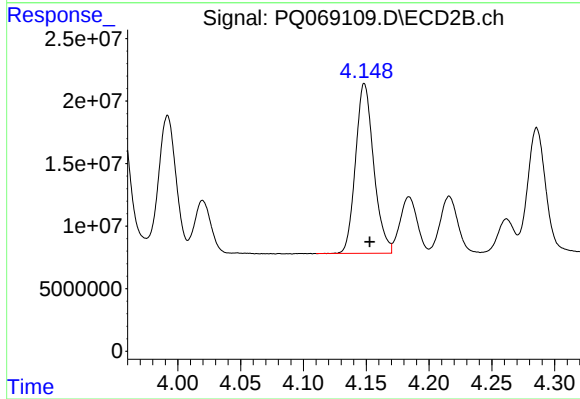
R.T.: 3.955 min
Delta R.T.: -0.004 min
Response: 113702082
Conc: 463.94 ng/ml



#7 AR-1016-5

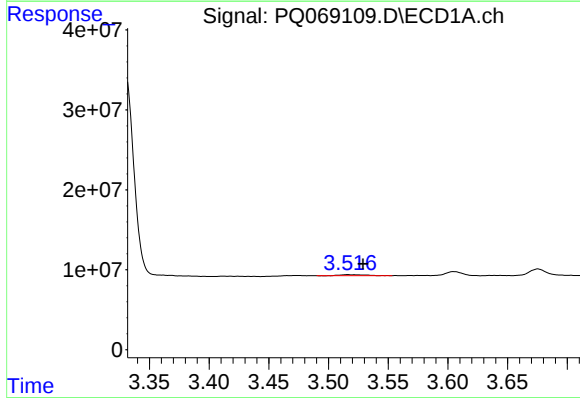
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 153593941
Conc: 564.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



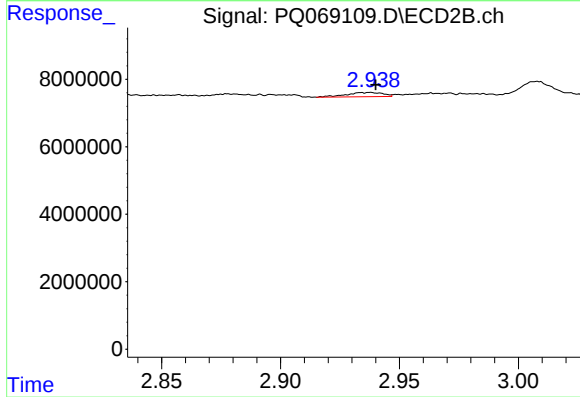
#7 AR-1016-5

R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 136643331
Conc: 440.34 ng/ml



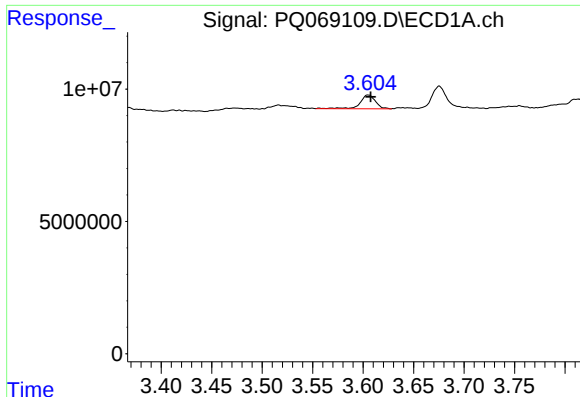
#8 AR-1221-1

R.T.: 3.516 min
Delta R.T.: -0.013 min
Response: 2013287
Conc: 15.07 ng/ml



#8 AR-1221-1

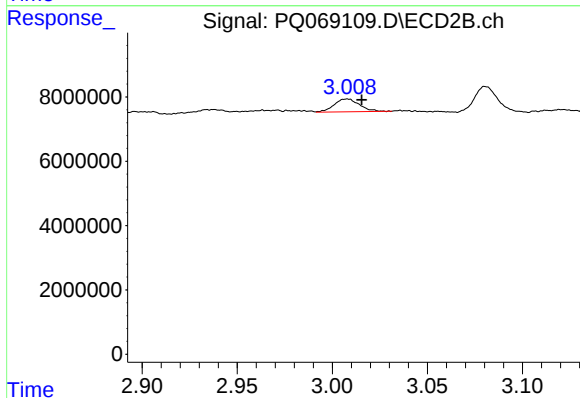
R.T.: 2.938 min
Delta R.T.: -0.002 min
Response: 1310903
Conc: 10.06 ng/ml



#9 AR-1221-2

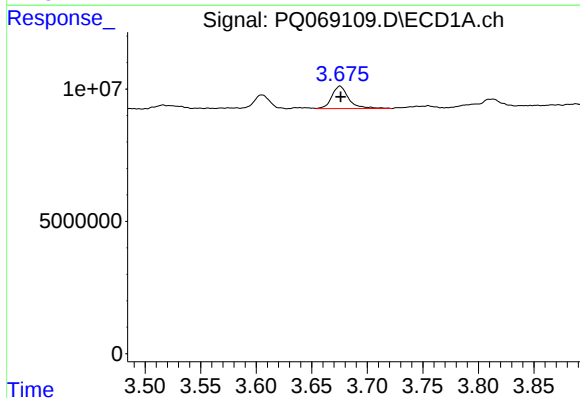
R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 5531050
Conc: 60.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



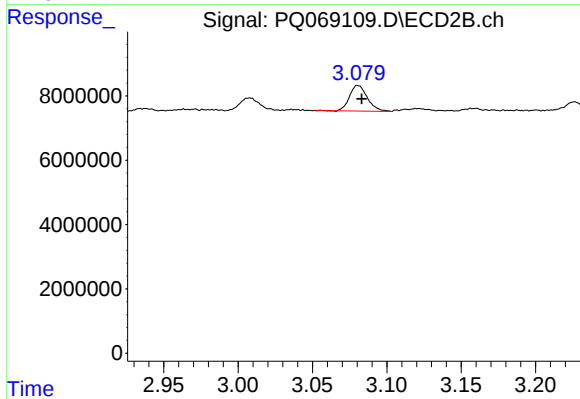
#9 AR-1221-2

R.T.: 3.008 min
Delta R.T.: -0.007 min
Response: 3704284
Conc: 40.10 ng/ml



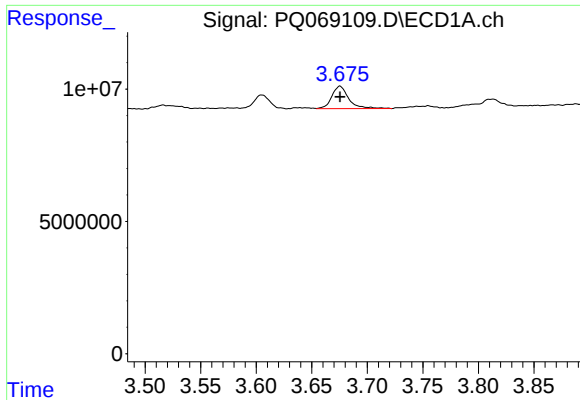
#10 AR-1221-3

R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 9069616
Conc: 30.60 ng/ml



#10 AR-1221-3

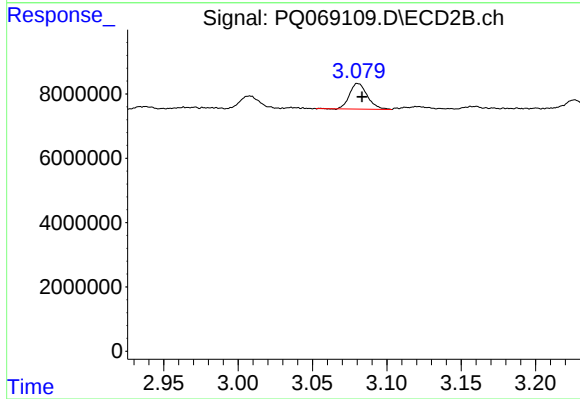
R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 6626103
Conc: 22.55 ng/ml



#11 AR-1232-1

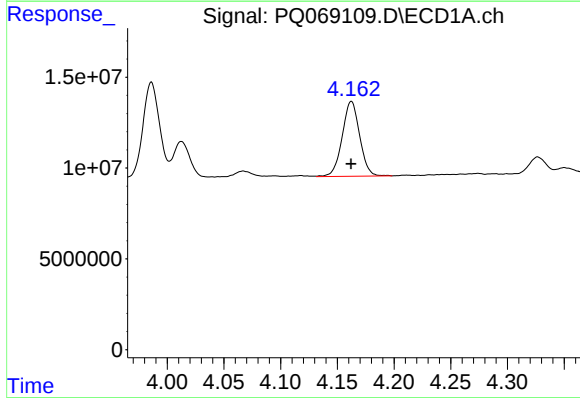
R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 9069616
Conc: 37.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



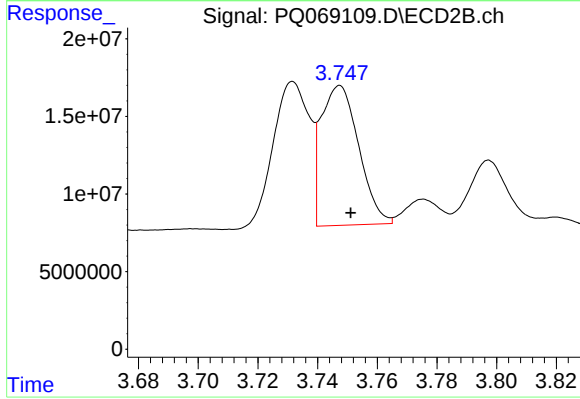
#11 AR-1232-1

R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 6626103
Conc: 27.12 ng/ml



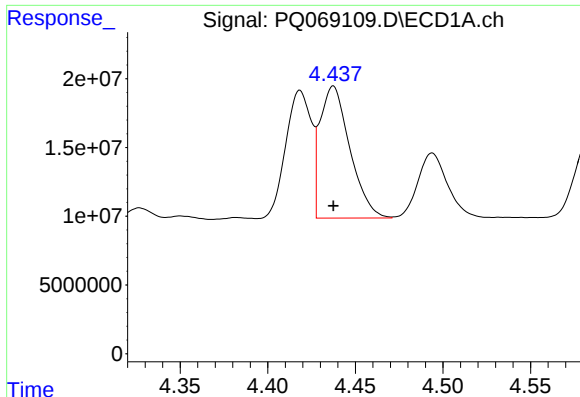
#12 AR-1232-2

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 44185419
Conc: 333.82 ng/ml



#12 AR-1232-2

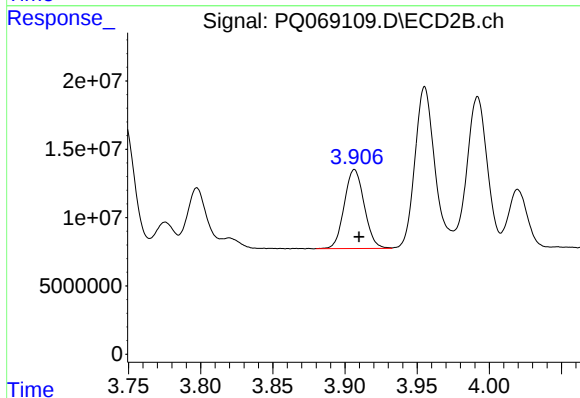
R.T.: 3.747 min
Delta R.T.: -0.004 min
Response: 79236654
Conc: 313.13 ng/ml



#13 AR-1232-3

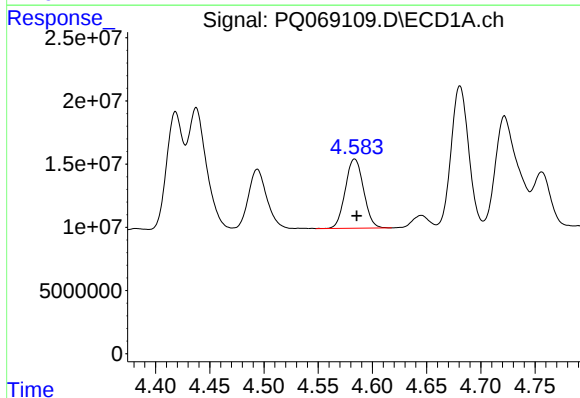
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 113780446
Conc: 448.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



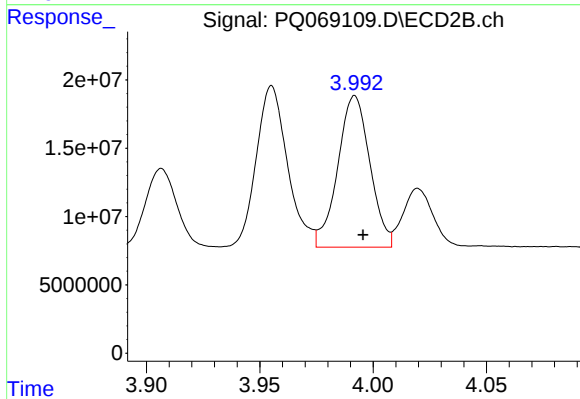
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 55701556
Conc: 419.36 ng/ml



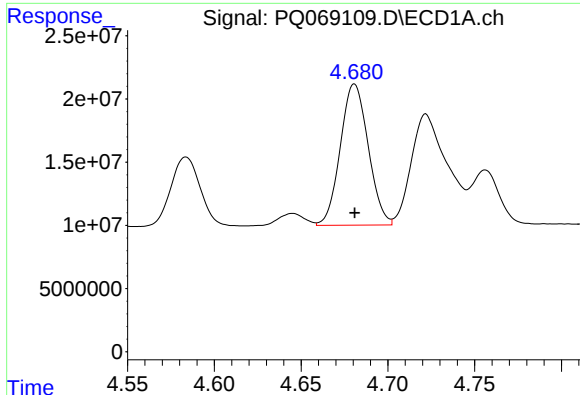
#14 AR-1232-4

R.T.: 4.584 min
Delta R.T.: -0.002 min
Response: 64165620
Conc: 511.20 ng/ml



#14 AR-1232-4

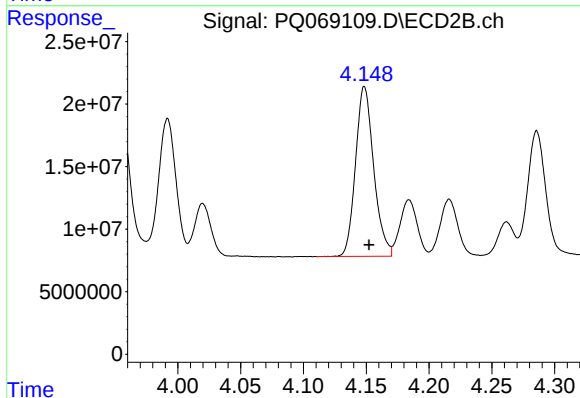
R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 109505517
Conc: 1017.45 ng/ml



#15 AR-1232-5

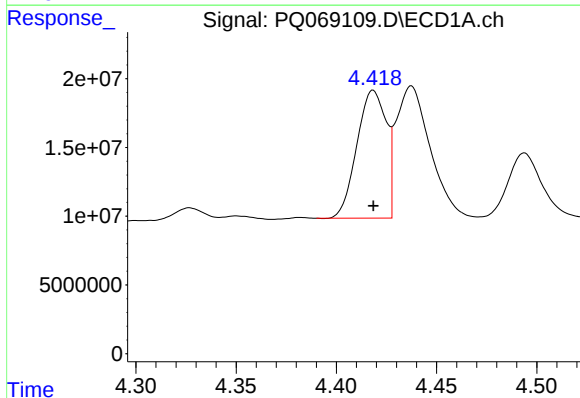
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 125213709
Conc: 1544.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



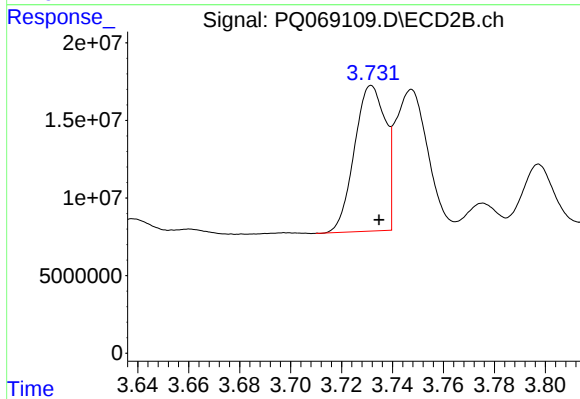
#15 AR-1232-5

R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 136643331
Conc: 1064.65 ng/ml



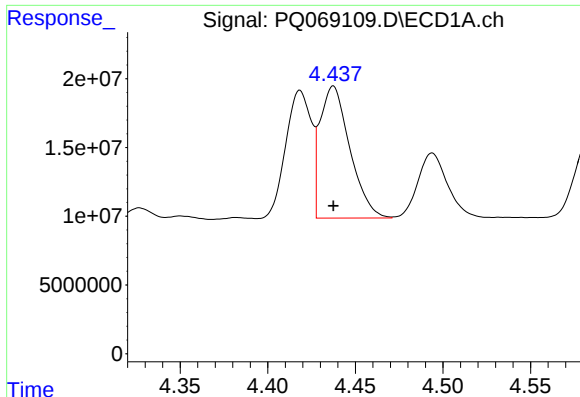
#16 AR-1242-1

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 94611359
Conc: 303.50 ng/ml



#16 AR-1242-1

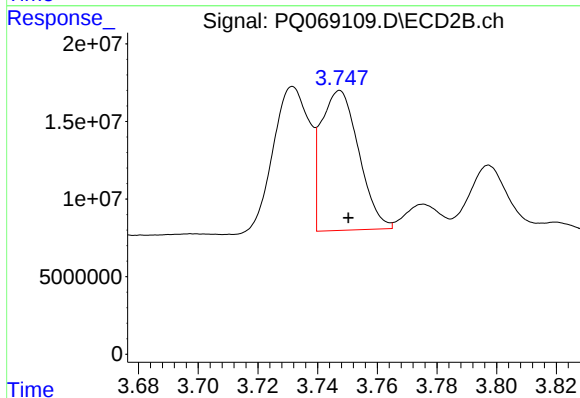
R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 78981475
Conc: 239.57 ng/ml



#17 AR-1242-2

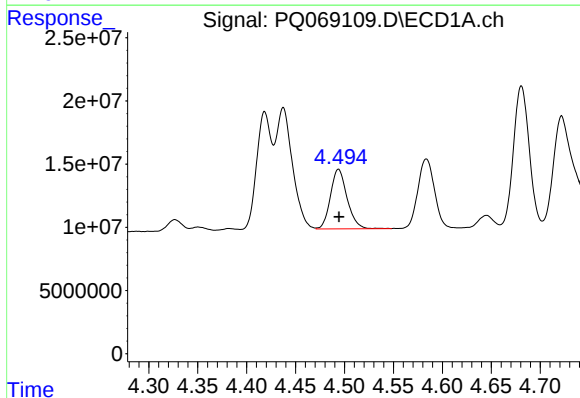
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 113780446
Conc: 243.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



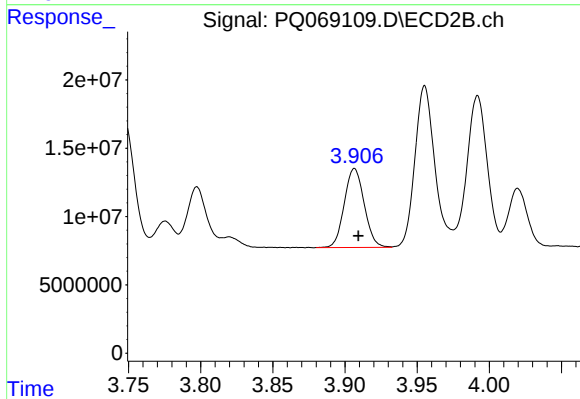
#17 AR-1242-2

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 79236654
Conc: 165.83 ng/ml



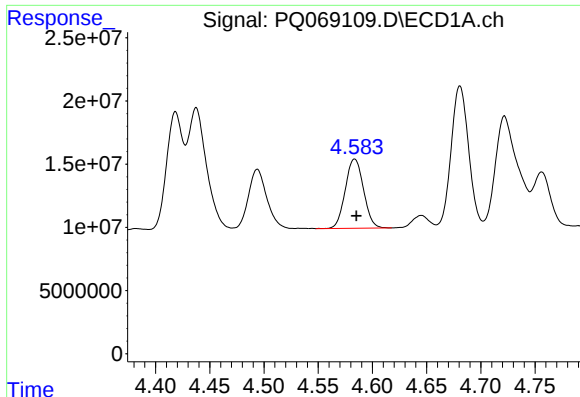
#18 AR-1242-3

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 55663900
Conc: 195.58 ng/ml



#18 AR-1242-3

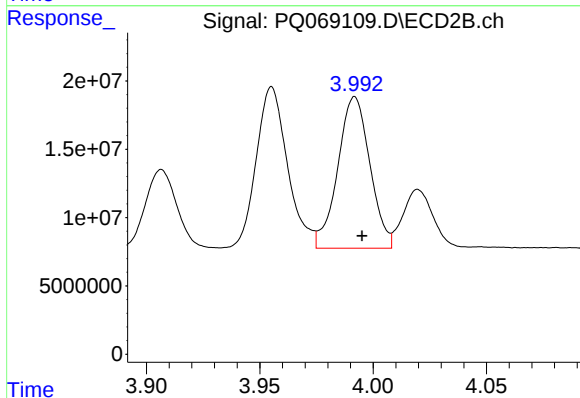
R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 55701556
Conc: 216.15 ng/ml



#19 AR-1242-4

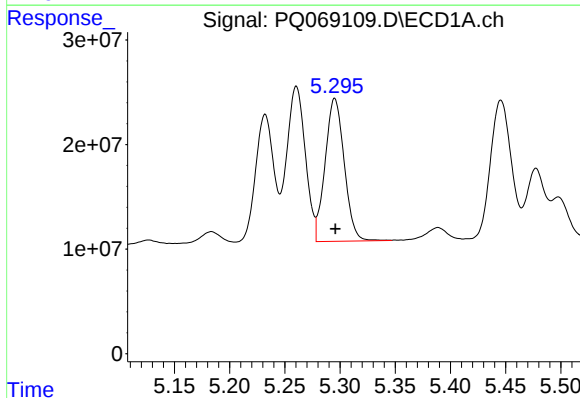
R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 64165620
Conc: 269.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



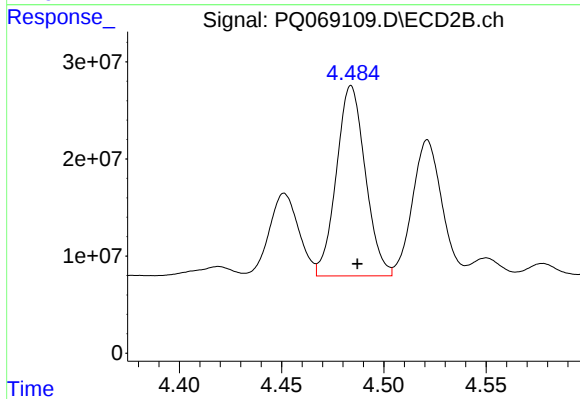
#19 AR-1242-4

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 109505517
Conc: 471.95 ng/ml



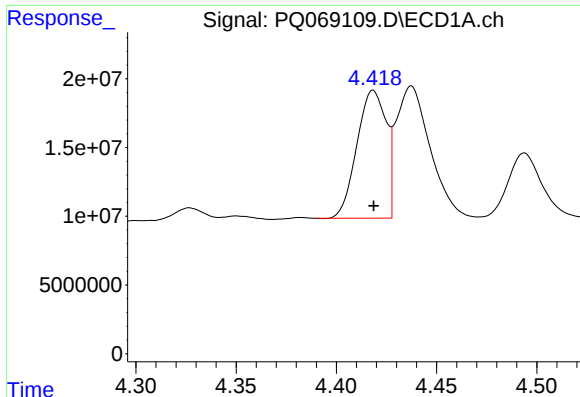
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 165002269
Conc: 663.73 ng/ml



#20 AR-1242-5

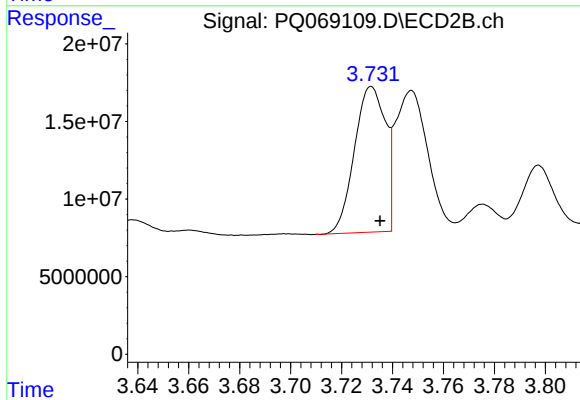
R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 193130063
Conc: 604.05 ng/ml



#21 AR-1248-1

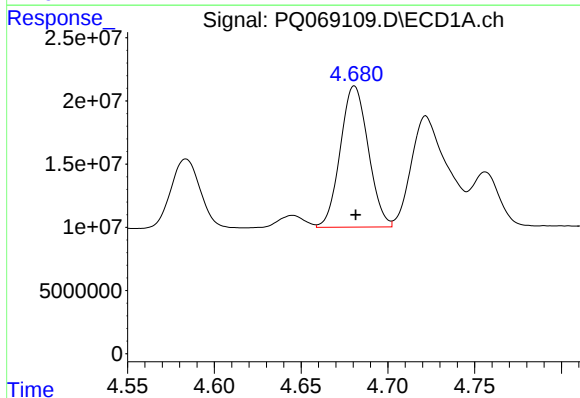
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 94611359
Conc: 410.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



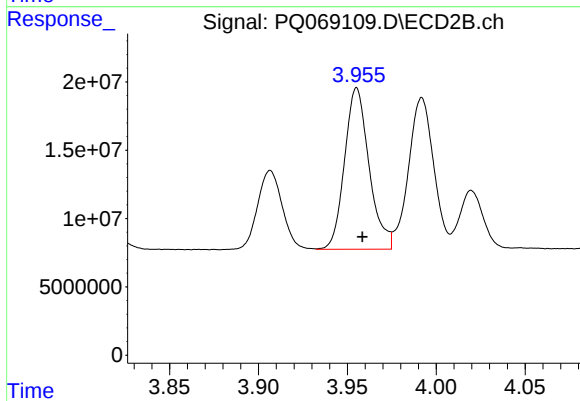
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 78981475
Conc: 320.11 ng/ml



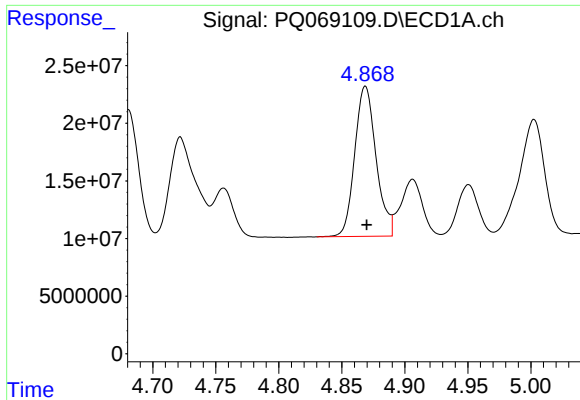
#22 AR-1248-2

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 125213709
Conc: 404.13 ng/ml



#22 AR-1248-2

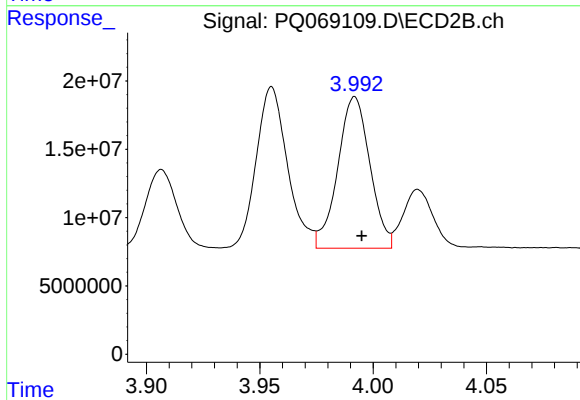
R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 113702082
Conc: 317.56 ng/ml



#23 AR-1248-3

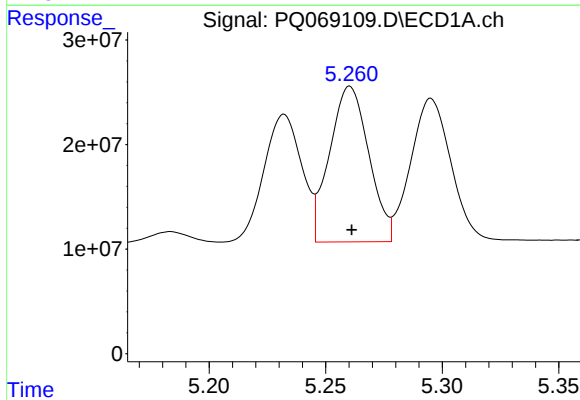
R.T.: 4.869 min
Delta R.T.: -0.001 min
Response: 153593941
Conc: 407.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



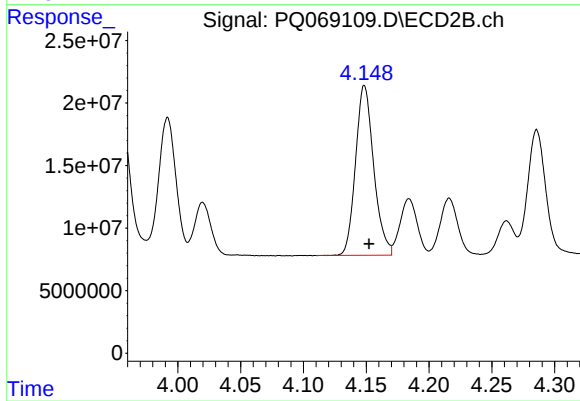
#23 AR-1248-3

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 109505517
Conc: 320.06 ng/ml



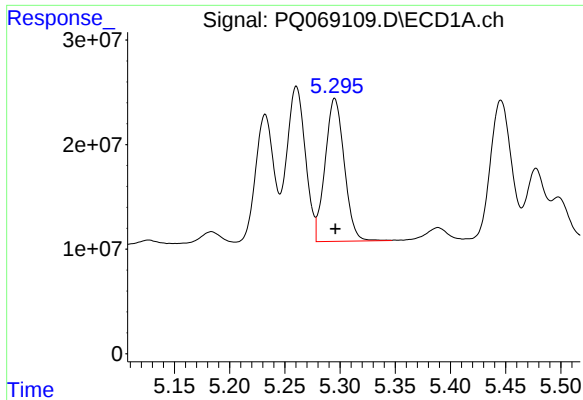
#24 AR-1248-4

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 174299525
Conc: 400.84 ng/ml



#24 AR-1248-4

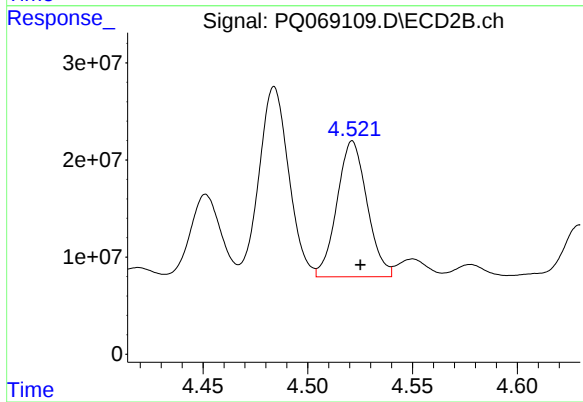
R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 136643331
Conc: 314.63 ng/ml



#25 AR-1248-5

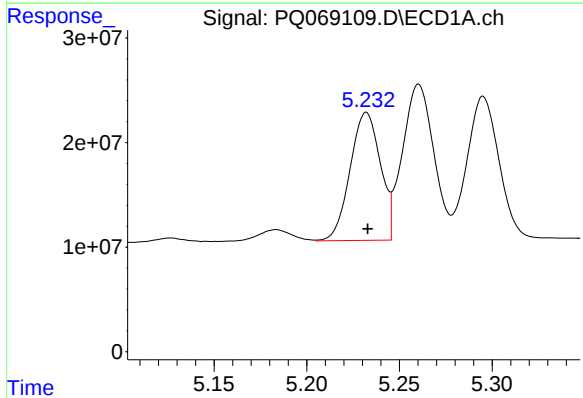
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 165002269
Conc: 388.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



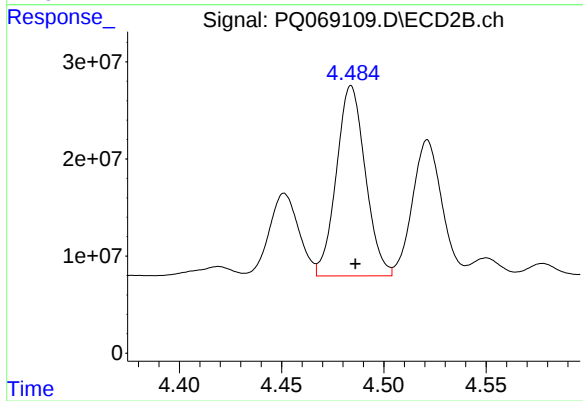
#25 AR-1248-5

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 139681886
Conc: 313.29 ng/ml



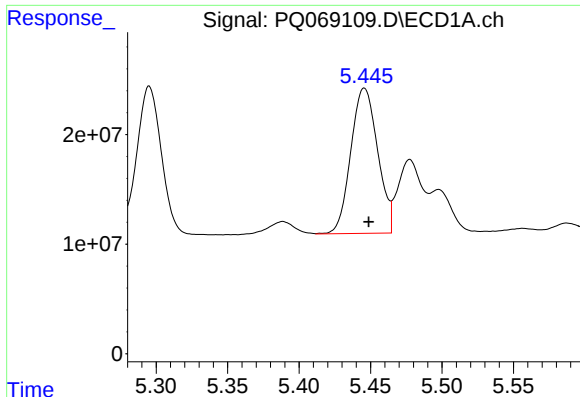
#26 AR-1254-1

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 139149337
Conc: 322.35 ng/ml



#26 AR-1254-1

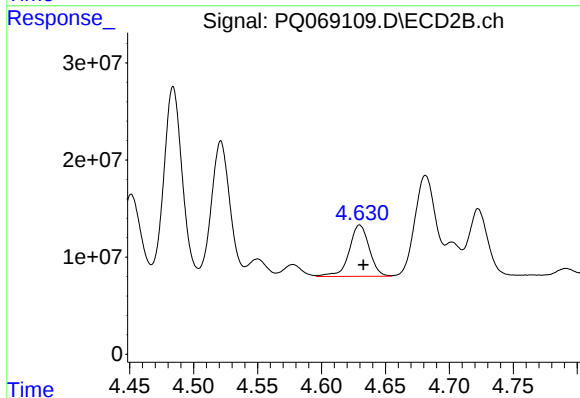
R.T.: 4.484 min
Delta R.T.: -0.002 min
Response: 193130063
Conc: 293.29 ng/ml



#27 AR-1254-2

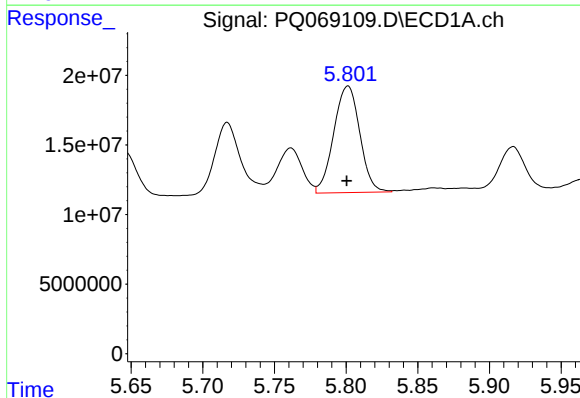
R.T.: 5.446 min
Delta R.T.: -0.003 min
Response: 173406137
Conc: 257.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



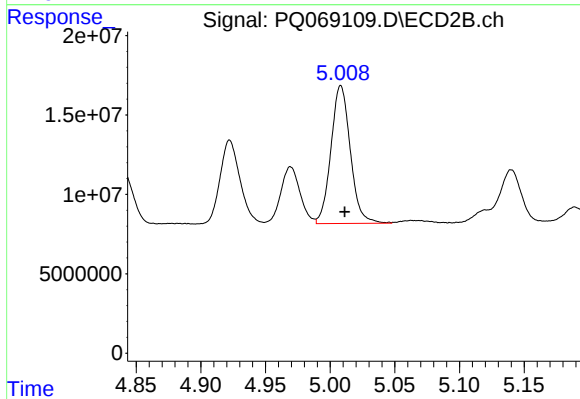
#27 AR-1254-2

R.T.: 4.630 min
Delta R.T.: -0.003 min
Response: 57915714
Conc: 100.49 ng/ml



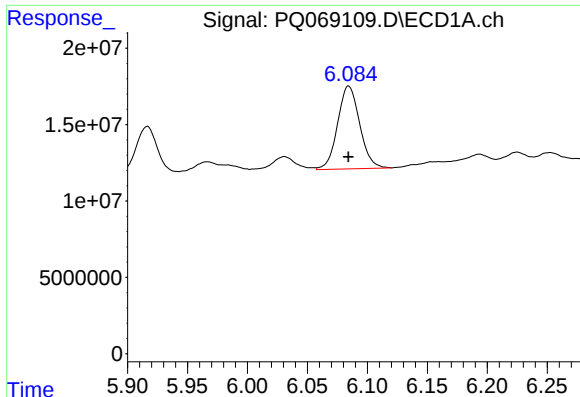
#28 AR-1254-3

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 96939184
Conc: 133.13 ng/ml



#28 AR-1254-3

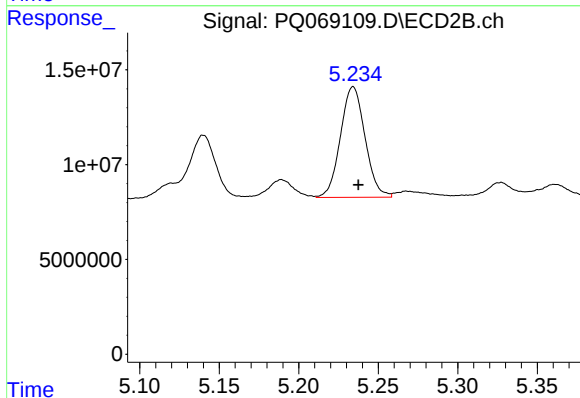
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 90552059
Conc: 98.12 ng/ml



#29 AR-1254-4

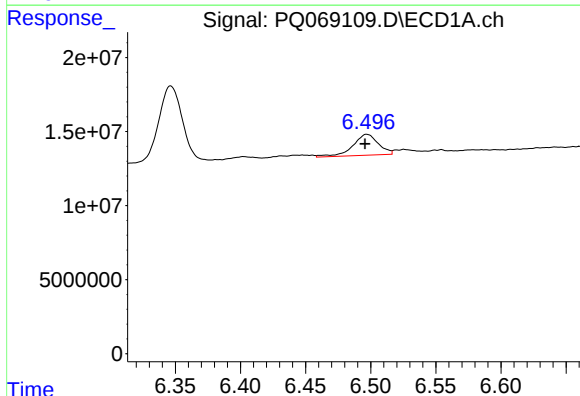
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 69381803
Conc: 131.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



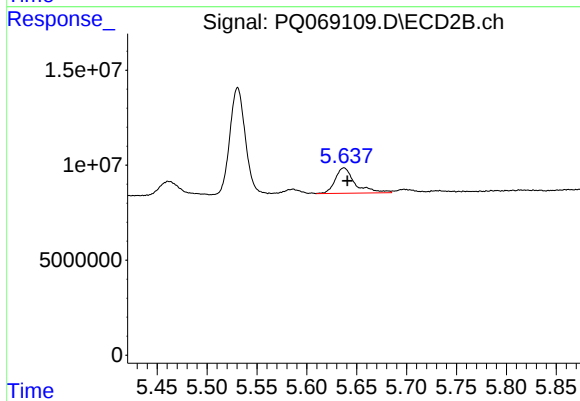
#29 AR-1254-4

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 62816894
Conc: 104.37 ng/ml



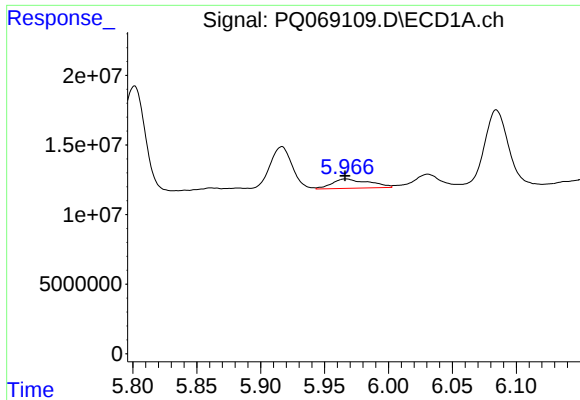
#30 AR-1254-5

R.T.: 6.497 min
Delta R.T.: 0.002 min
Response: 19235830
Conc: 32.84 ng/ml



#30 AR-1254-5

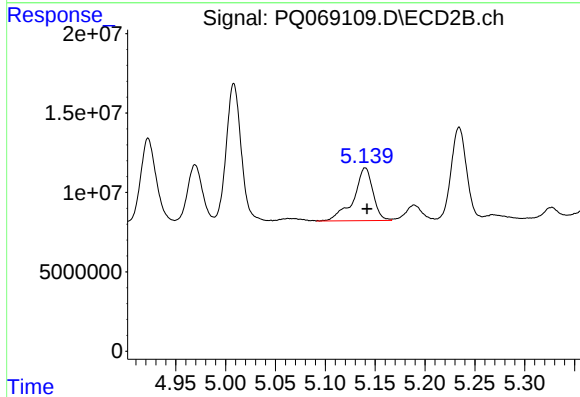
R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 18481858
Conc: 21.88 ng/ml



#31 AR-1260-1

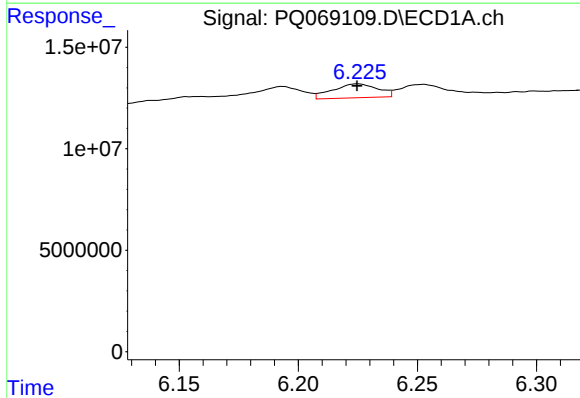
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 13536130
Conc: 27.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



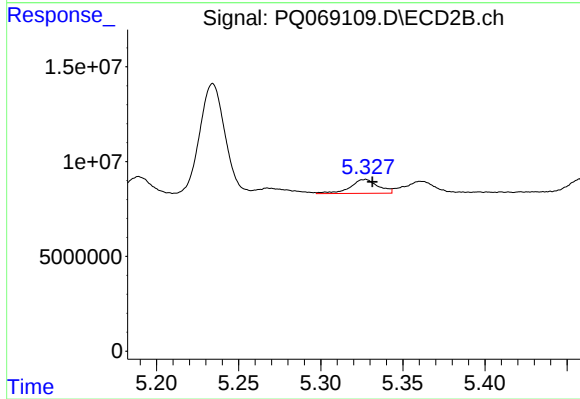
#31 AR-1260-1

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 44897925
Conc: 78.13 ng/ml



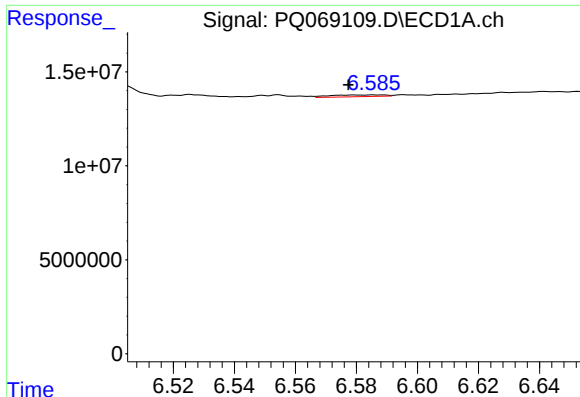
#32 AR-1260-2

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 9042479
Conc: 15.28 ng/ml



#32 AR-1260-2

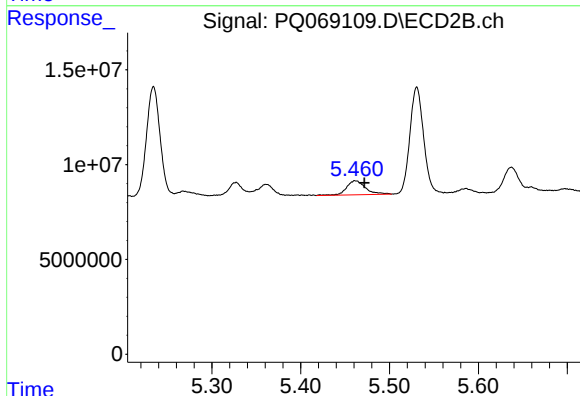
R.T.: 5.327 min
Delta R.T.: -0.004 min
Response: 8764644
Conc: 12.40 ng/ml



#33 AR-1260-3

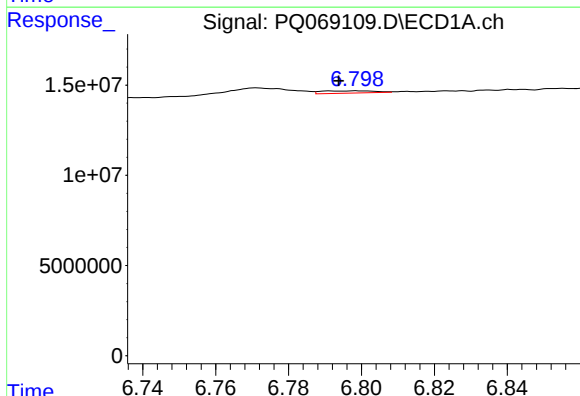
R.T.: 6.586 min
Delta R.T.: 0.009 min
Response: 1190295
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



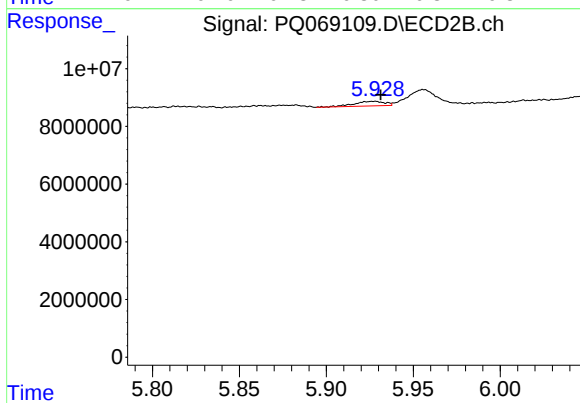
#33 AR-1260-3

R.T.: 5.462 min
Delta R.T.: -0.010 min
Response: 10994482
Conc: 16.42 ng/ml



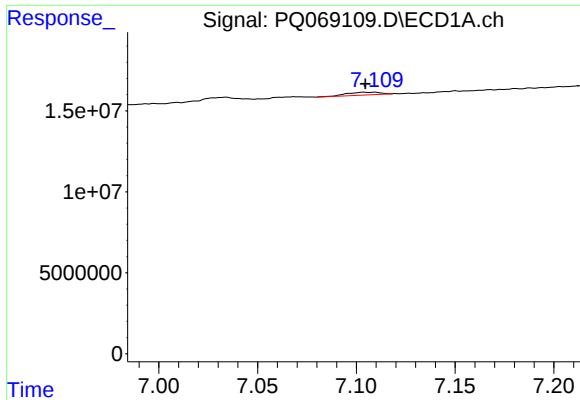
#34 AR-1260-4

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 1258242
Conc: 2.57 ng/ml



#34 AR-1260-4

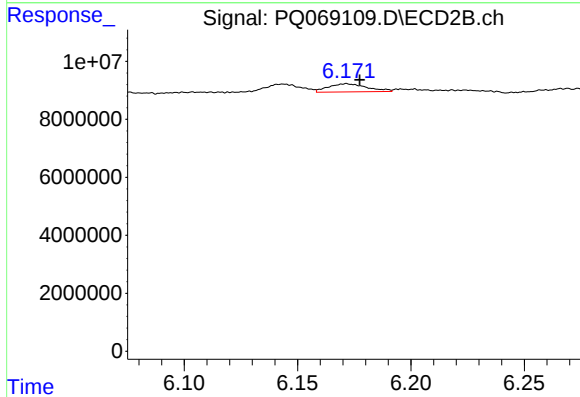
R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 2003897
Conc: 3.45 ng/ml



#35 AR-1260-5

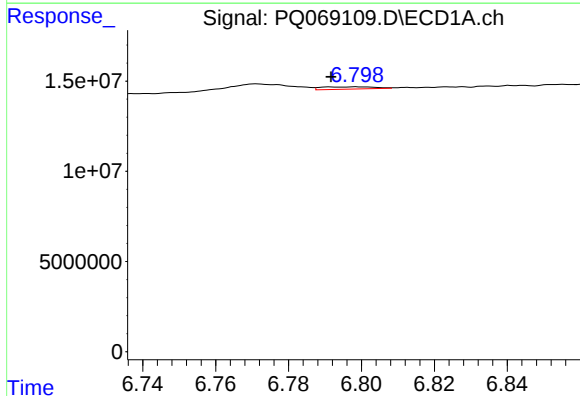
R.T.: 7.109 min
Delta R.T.: 0.005 min
Response: 2010078
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



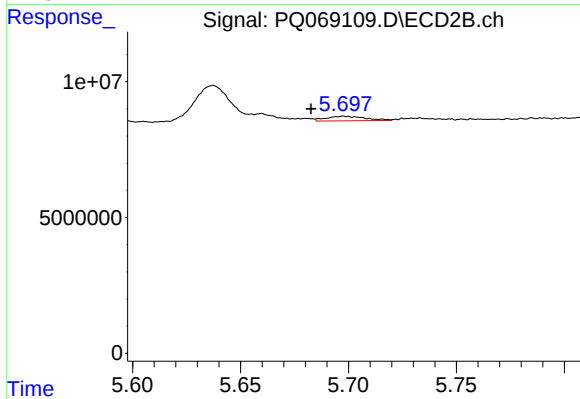
#35 AR-1260-5

R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 3306591
Conc: 2.44 ng/ml



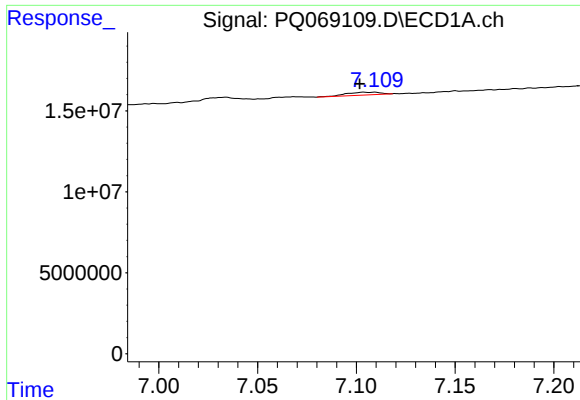
#36 AR-1262-1

R.T.: 6.799 min
Delta R.T.: 0.007 min
Response: 1258242
Conc: 1.98 ng/ml



#36 AR-1262-1

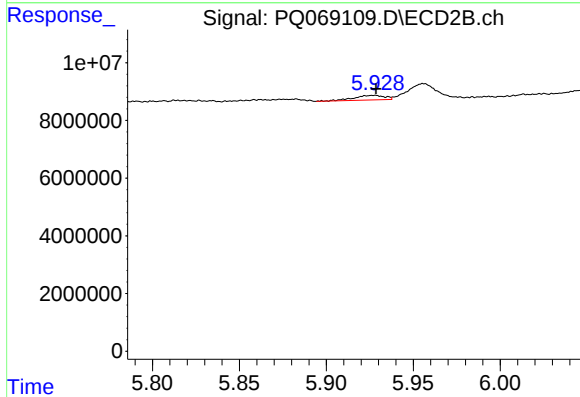
R.T.: 5.698 min
Delta R.T.: 0.015 min
Response: 2099621
Conc: 2.40 ng/ml



#37 AR-1262-2

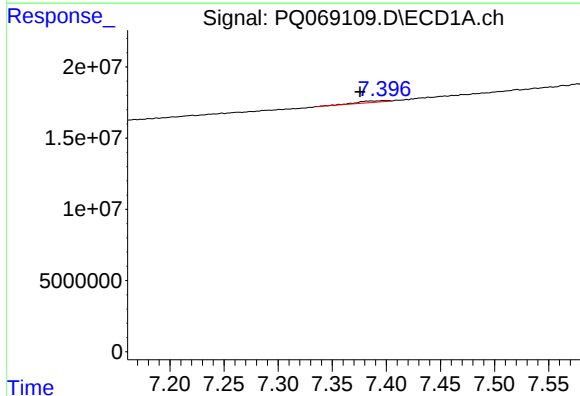
R.T.: 7.109 min
Delta R.T.: 0.007 min
Response: 2010078
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



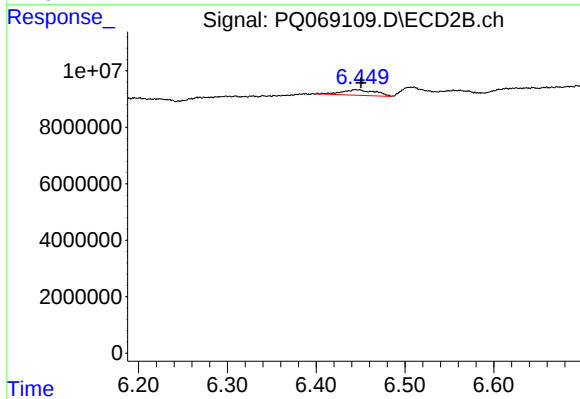
#37 AR-1262-2

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 2003897
Conc: 2.50 ng/ml



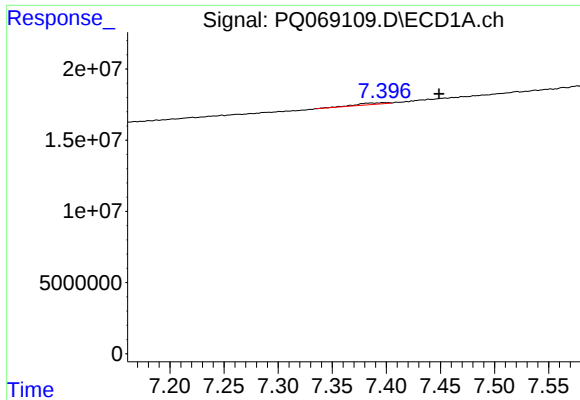
#38 AR-1262-3

R.T.: 7.397 min
Delta R.T.: 0.022 min
Response: 2033725
Conc: 2.58 ng/ml



#38 AR-1262-3

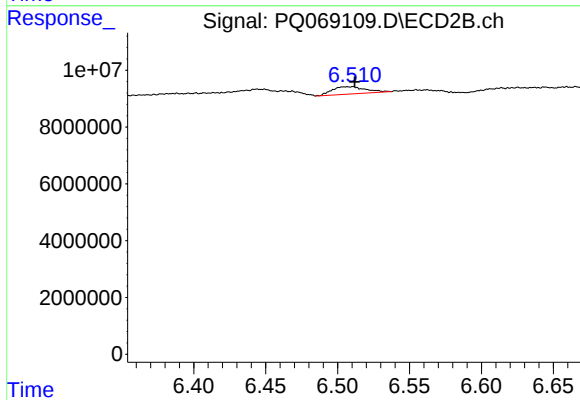
R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 5108595
Conc: 7.93 ng/ml



#39 AR-1262-4

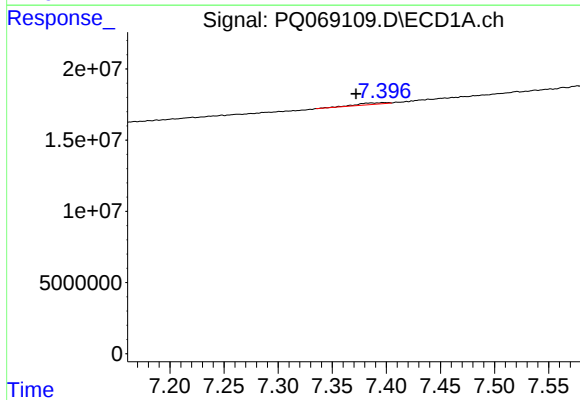
R.T.: 7.397 min
Delta R.T.: -0.051 min
Response: 2033725
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



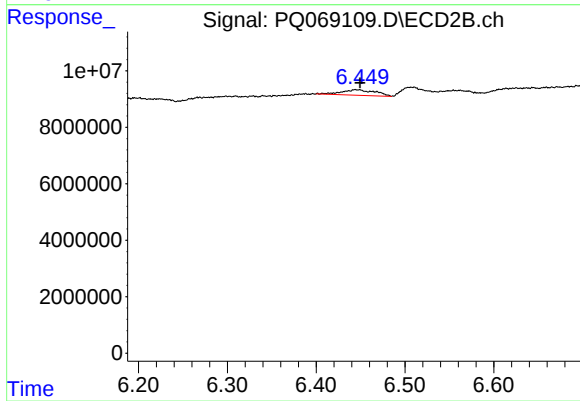
#39 AR-1262-4

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 4147188
Conc: 3.56 ng/ml



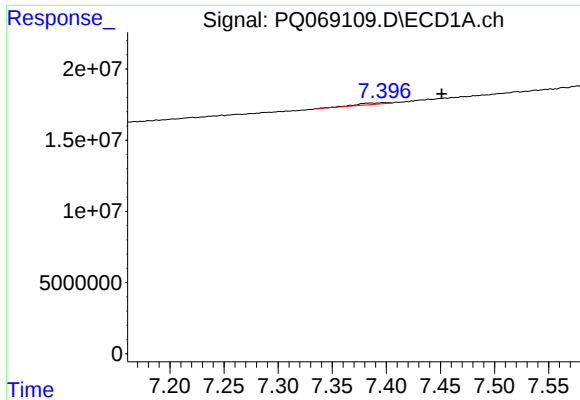
#41 AR-1268-1

R.T.: 7.397 min
Delta R.T.: 0.026 min
Response: 2033725
Conc: 1.53 ng/ml



#41 AR-1268-1

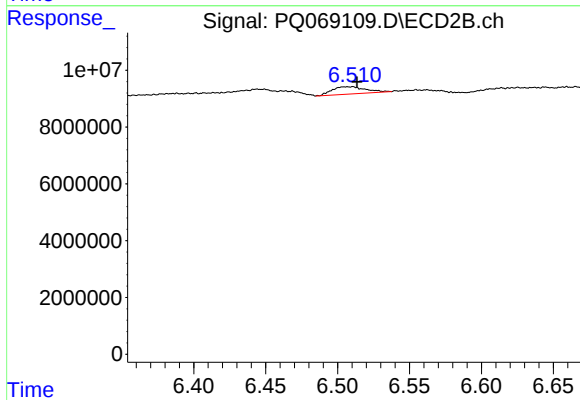
R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 5108595
Conc: 2.87 ng/ml



#42 AR-1268-2

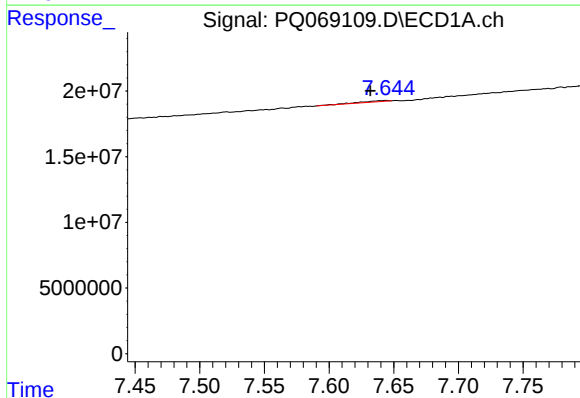
R.T.: 7.397 min
Delta R.T.: -0.054 min
Response: 2033725
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



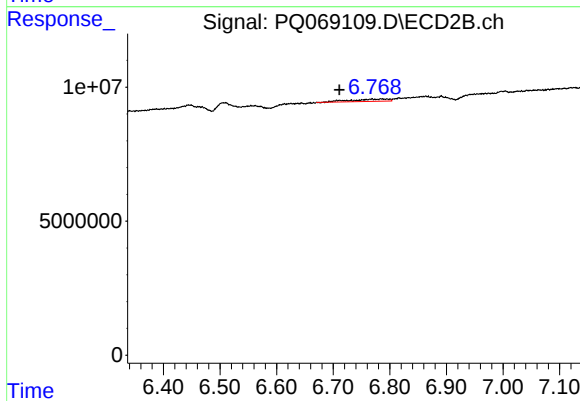
#42 AR-1268-2

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 4147188
Conc: 2.52 ng/ml



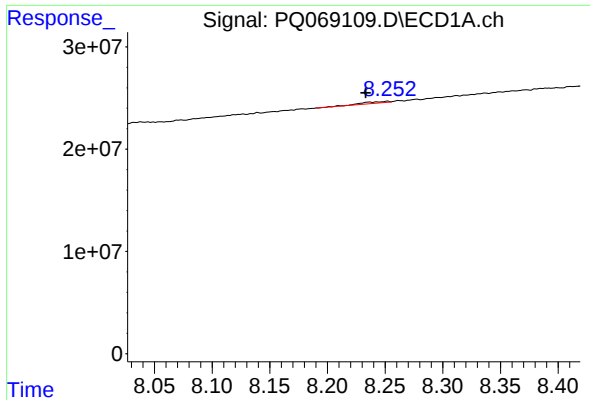
#43 AR-1268-3

R.T.: 7.644 min
Delta R.T.: 0.012 min
Response: 1277766
Conc: 1.26 ng/ml



#43 AR-1268-3

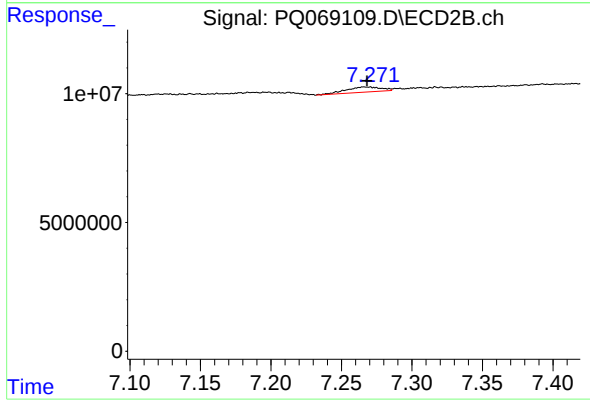
R.T.: 6.769 min
Delta R.T.: 0.057 min
Response: 4066575
Conc: 2.88 ng/ml



#45 AR-1268-5

R.T.: 8.252 min
Delta R.T.: 0.019 min
Response: 2464309
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483160



#45 AR-1268-5

R.T.: 7.267 min
Delta R.T.: -0.001 min
Response: 3463267
Conc: 0.80 ng/ml