

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062022\
 Data File : PQ058196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2022 16:35
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:39:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 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...	4.687	4.048	297.3E6	297.8E6	20.063	19.329
2)	SA Decachlor...	10.604	9.191	487.0E6	425.0E6	34.853	37.923
Target Compounds							
3)	L1 AR-1016-1	5.871	5.153	87303746	99345469	220.864	200.693
4)	L1 AR-1016-2	5.894	5.173	120.1E6	107.6E6	178.969	152.165
5)	L1 AR-1016-3	5.957	5.355	57502971	74174861	139.215	201.333 #
6)	L1 AR-1016-4	6.057	5.391	75485650	156.4E6	214.193	530.876 #
7)	L1 AR-1016-5	6.351	5.610	158.7E6	195.7E6	517.618	512.871
8)	L2 AR-1221-1	4.900	4.261	824594	1080294	5.308	6.654 #
9)	L2 AR-1221-2	4.997	4.356	5730286	5225311	50.193	46.102
10)	L2 AR-1221-3	5.066	4.431	9499358	9464997	25.581	24.722
11)	L3 AR-1232-1	5.066	4.431	9499358	9464997	34.439	32.088
12)	L3 AR-1232-2	5.602	5.173	46465950	107.6E6	338.384	376.830
13)	L3 AR-1232-3	5.894	5.355	120.1E6	74174861	438.984	505.560
14)	L3 AR-1232-4	6.057	5.435	75485650	164.0E6	538.173	1247.844 #
15)	L3 AR-1232-5	6.143	5.610	130.9E6	195.7E6	1560.203	1327.109
16)	L4 AR-1242-1	5.871	5.153	87303746	99345469	273.481	245.666
17)	L4 AR-1242-2	5.894	5.173	120.1E6	107.6E6	219.179	186.407
18)	L4 AR-1242-3	5.957	5.355	57502971	74174861	170.960	245.486 #
19)	L4 AR-1242-4	6.057	5.435	75485650	164.0E6	261.662	559.775 #
20)	L4 AR-1242-5	6.796	5.964	169.7E6	273.2E6	608.949	730.370
21)	L5 AR-1248-1	5.871	5.153	87303746	99345469	354.822	318.708
22)	L5 AR-1248-2	6.143	5.391	130.9E6	156.4E6	404.637	371.757
23)	L5 AR-1248-3	6.351	5.435	158.7E6	164.0E6	379.921	372.607
24)	L5 AR-1248-4	6.757	5.610	164.9E6	195.7E6	360.079	370.999
25)	L5 AR-1248-5	6.796	6.006	169.7E6	188.0E6	356.981	357.914
26)	L6 AR-1254-1	6.729	5.964	128.3E6	273.2E6	298.083	341.217
27)	L6 AR-1254-2	6.956	6.111	175.4E6	78797242	259.610	113.680 #
28)	L6 AR-1254-3	7.317	6.520	100.3E6	123.5E6	121.607	107.982
29)	L6 AR-1254-4	7.604	6.746	60589905	78961363	109.491	114.655
30)	L6 AR-1254-5	8.023	7.168	19302201	23940754	30.716	25.087
31)	L7 AR-1260-1	7.478	6.669	12189538	42262554	25.675	63.075 #
32)	L7 AR-1260-2	7.732	6.834	22336021	10270179	38.810	12.763 #
33)	L7 AR-1260-3	8.023	6.993	19302201	6998942	26.214	9.257 #
34)	L7 AR-1260-4	8.325	7.467	6525264	1583519	11.936	2.504 #
35)	L7 AR-1260-5	8.670	7.702	3298137	3410102	2.773	2.308
36)	L8 AR-1262-1	8.088	7.168	3383448	23940754	4.786	47.001 #
37)	L8 AR-1262-2	8.670	7.702	3298137	3410102	2.296	1.932
38)	L8 AR-1262-3	9.028	7.986	1704436	1279790	2.319	1.890
39)	L8 AR-1262-4	9.087	8.053	1507457	2749724	2.416	2.198
40)	L8 AR-1262-5	9.798	8.579	1388499	581193	2.318	1.102 #
41)	L9 AR-1268-1	9.028	7.986	1704436	1279790	0.956	0.641 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062022\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2022 16:35
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

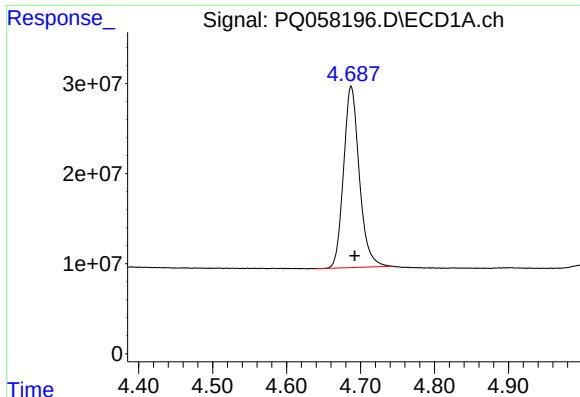
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:39:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.087	8.053	1507457	2749724	0.800	1.518 #
43) L9	AR-1268-3	9.337	8.274	2077806	976914	1.230	0.626 #
44) L9	AR-1268-4	9.798	8.579	1388499	581193	2.205	0.982 #
45) L9	AR-1268-5	10.244	8.903	2754553	2411454	0.498	0.540

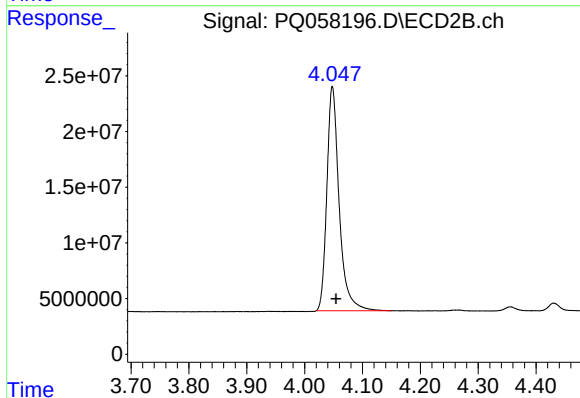
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

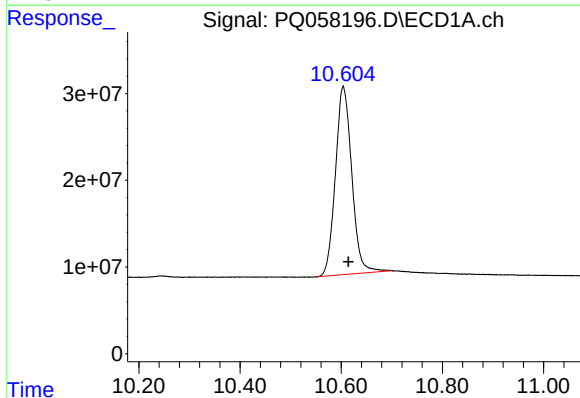
R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 297323416
Conc: 20.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



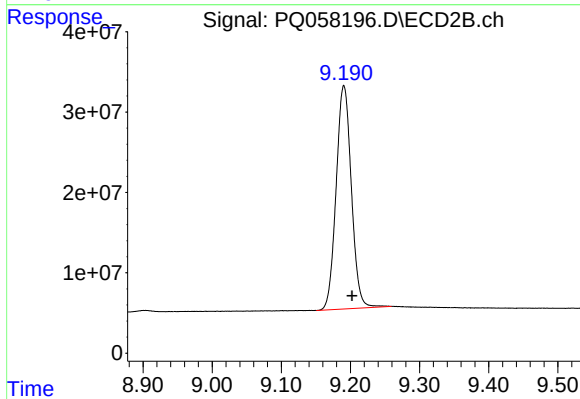
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 297810463
Conc: 19.33 ng/ml



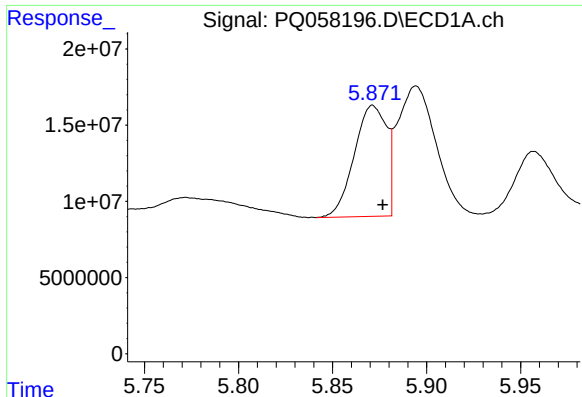
#2 Decachlorobiphenyl

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 486992694
Conc: 34.85 ng/ml



#2 Decachlorobiphenyl

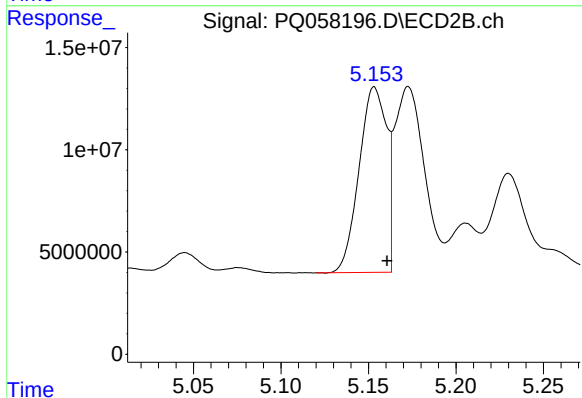
R.T.: 9.191 min
Delta R.T.: -0.012 min
Response: 424988239
Conc: 37.92 ng/ml



#3 AR-1016-1

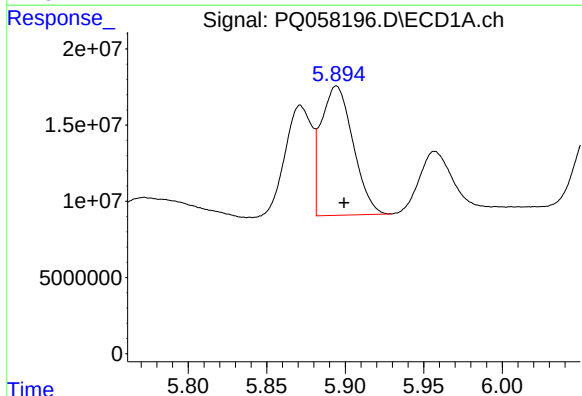
R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 87303746
Conc: 220.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



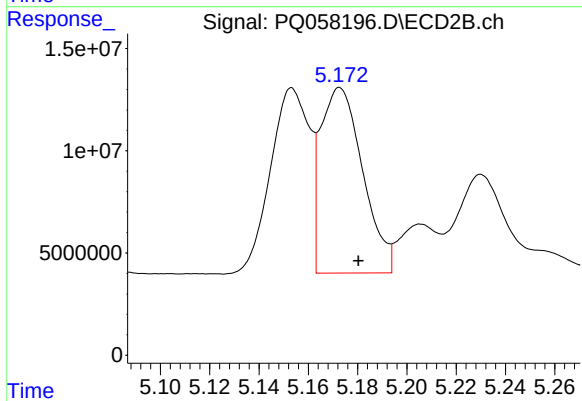
#3 AR-1016-1

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 99345469
Conc: 200.69 ng/ml



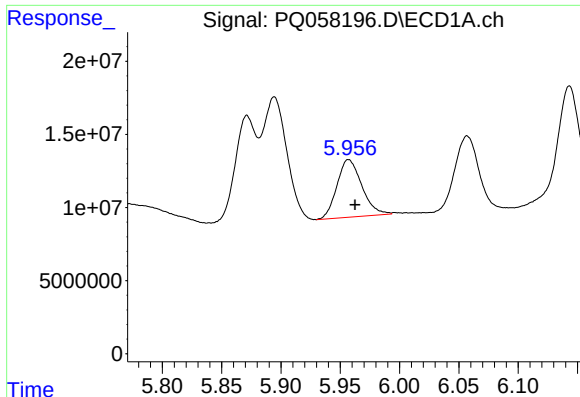
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 120101525
Conc: 178.97 ng/ml



#4 AR-1016-2

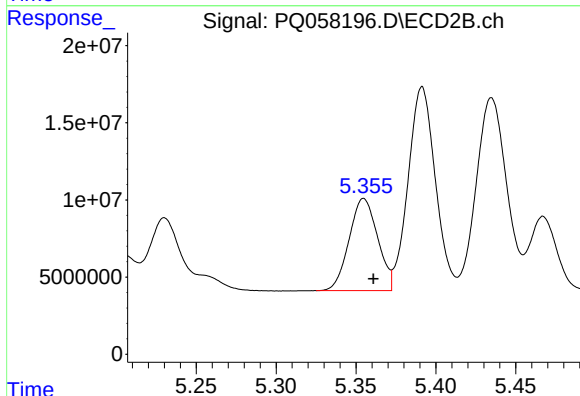
R.T.: 5.173 min
Delta R.T.: -0.008 min
Response: 107623208
Conc: 152.16 ng/ml



#5 AR-1016-3

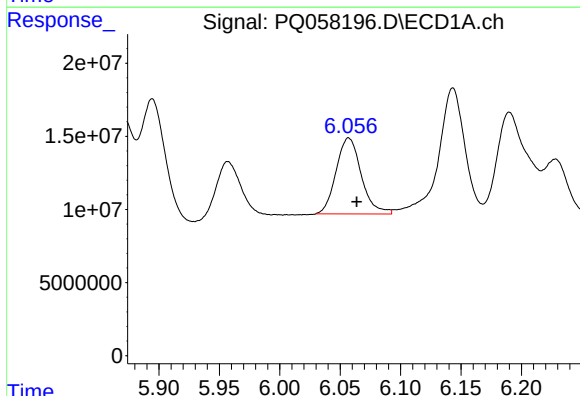
R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 57502971
Conc: 139.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



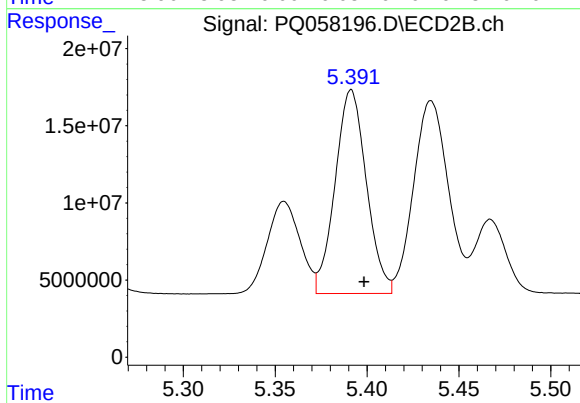
#5 AR-1016-3

R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 74174861
Conc: 201.33 ng/ml



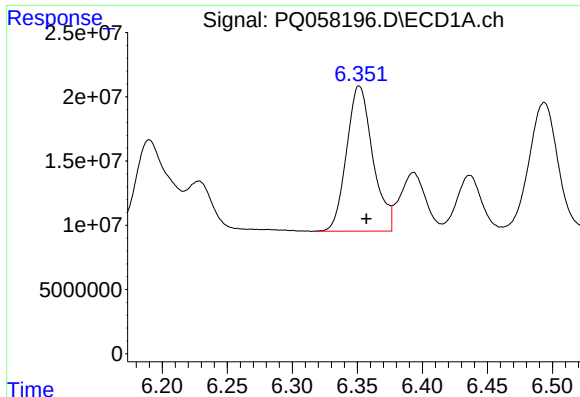
#6 AR-1016-4

R.T.: 6.057 min
Delta R.T.: -0.007 min
Response: 75485650
Conc: 214.19 ng/ml



#6 AR-1016-4

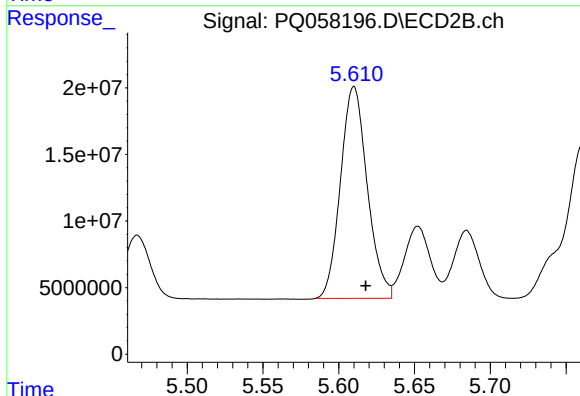
R.T.: 5.391 min
Delta R.T.: -0.007 min
Response: 156372471
Conc: 530.88 ng/ml



#7 AR-1016-5

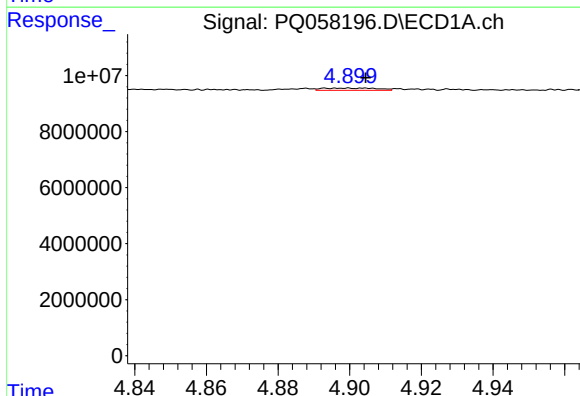
R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 158663953
Conc: 517.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



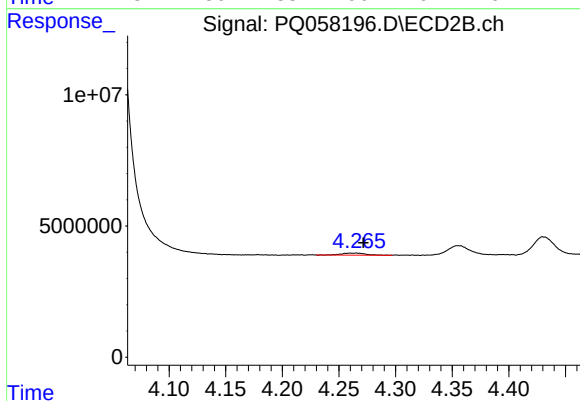
#7 AR-1016-5

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 195676095
Conc: 512.87 ng/ml



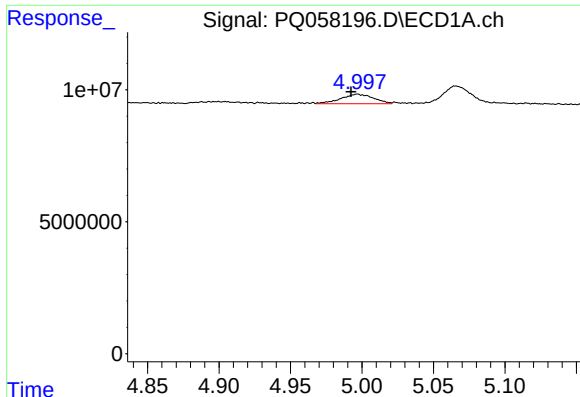
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 824594
Conc: 5.31 ng/ml



#8 AR-1221-1

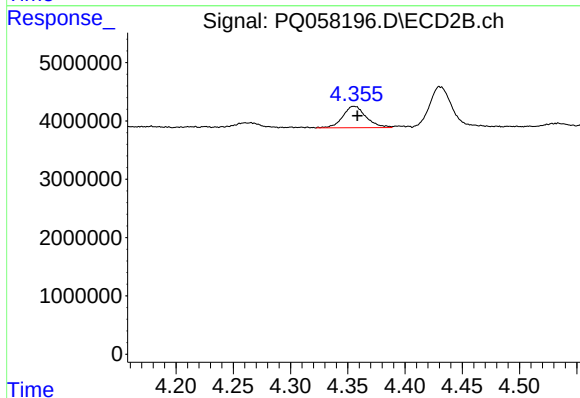
R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 1080294
Conc: 6.65 ng/ml



#9 AR-1221-2

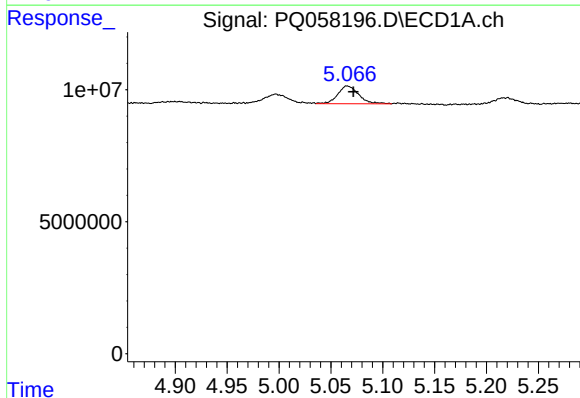
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 5730286
Conc: 50.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



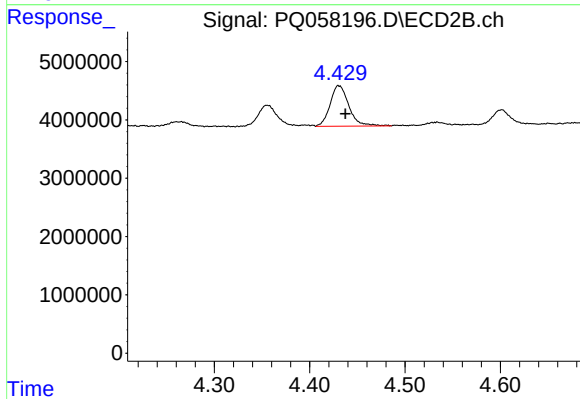
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: -0.003 min
Response: 5225311
Conc: 46.10 ng/ml



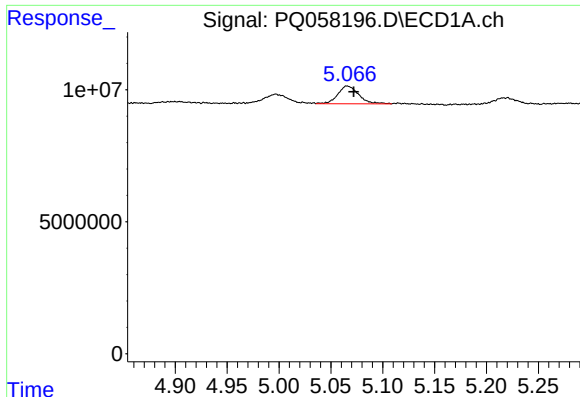
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 9499358
Conc: 25.58 ng/ml



#10 AR-1221-3

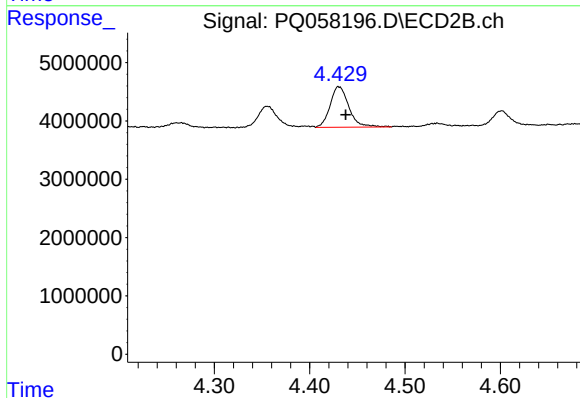
R.T.: 4.431 min
Delta R.T.: -0.007 min
Response: 9464997
Conc: 24.72 ng/ml



#11 AR-1232-1

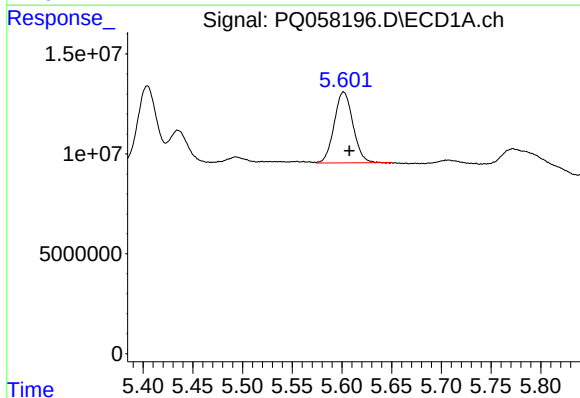
R.T.: 5.066 min
Delta R.T.: -0.007 min
Response: 9499358
Conc: 34.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



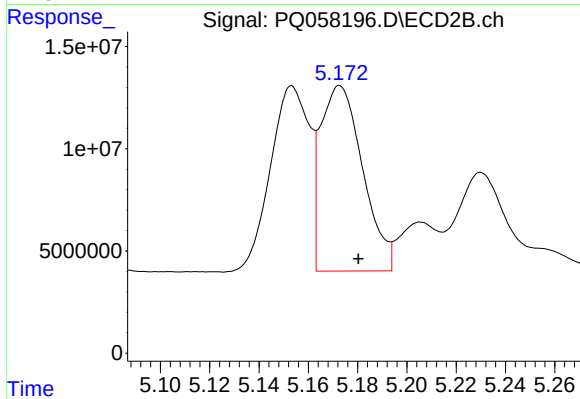
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: -0.007 min
Response: 9464997
Conc: 32.09 ng/ml



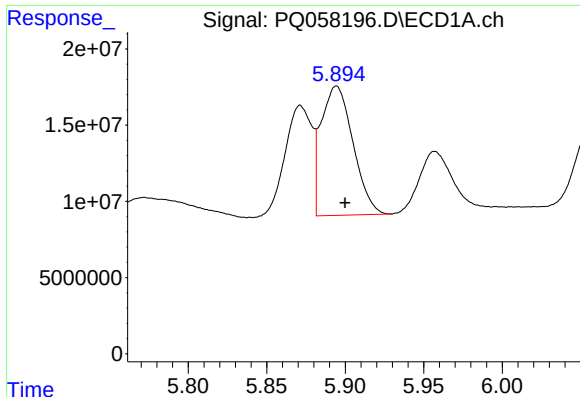
#12 AR-1232-2

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 46465950
Conc: 338.38 ng/ml



#12 AR-1232-2

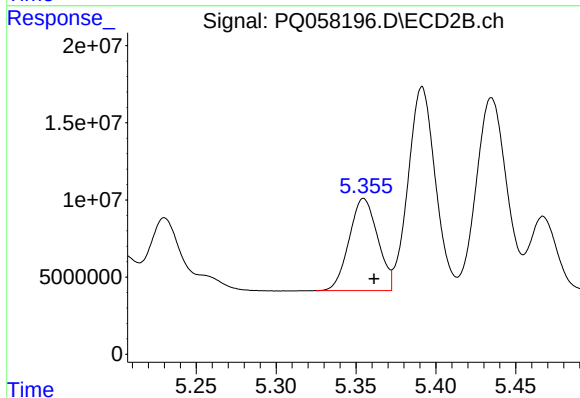
R.T.: 5.173 min
Delta R.T.: -0.007 min
Response: 107623208
Conc: 376.83 ng/ml



#13 AR-1232-3

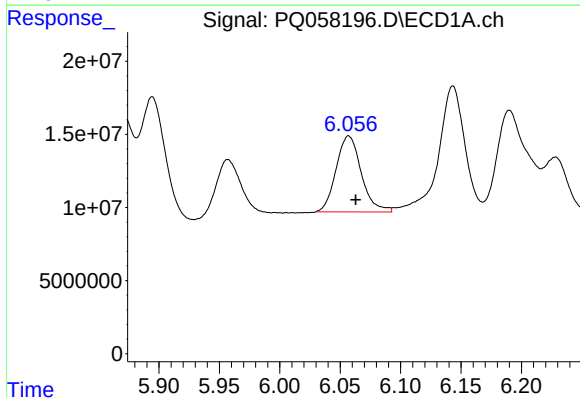
R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 120101525
Conc: 438.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



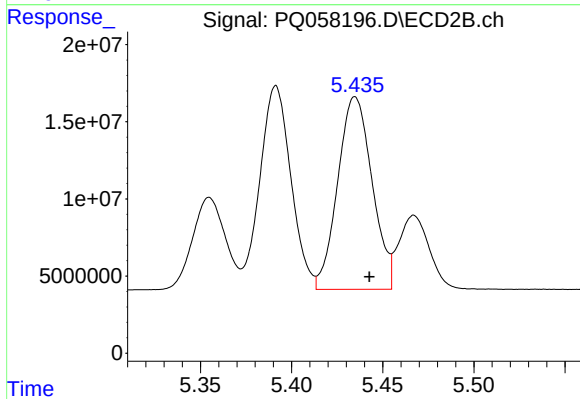
#13 AR-1232-3

R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 74174861
Conc: 505.56 ng/ml



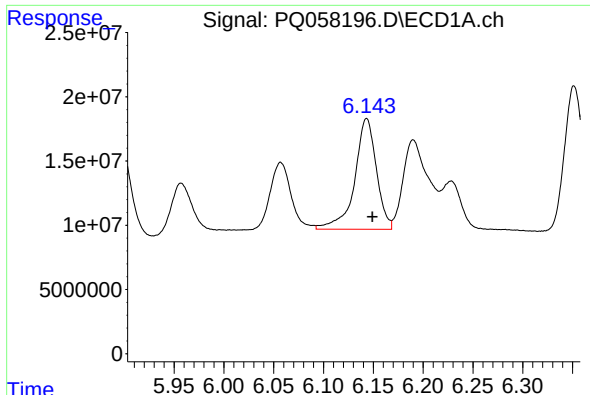
#14 AR-1232-4

R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 75485650
Conc: 538.17 ng/ml



#14 AR-1232-4

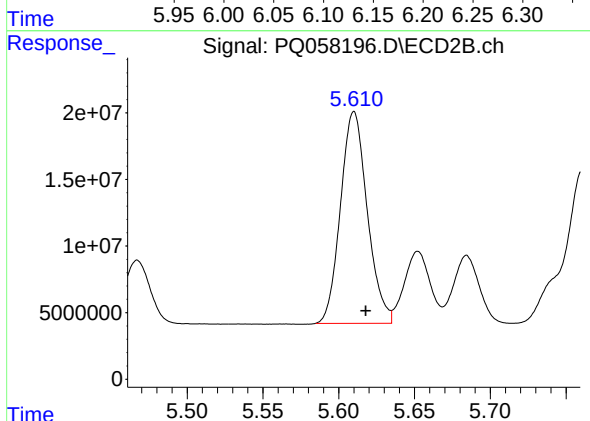
R.T.: 5.435 min
Delta R.T.: -0.008 min
Response: 164005815
Conc: 1247.84 ng/ml



#15 AR-1232-5

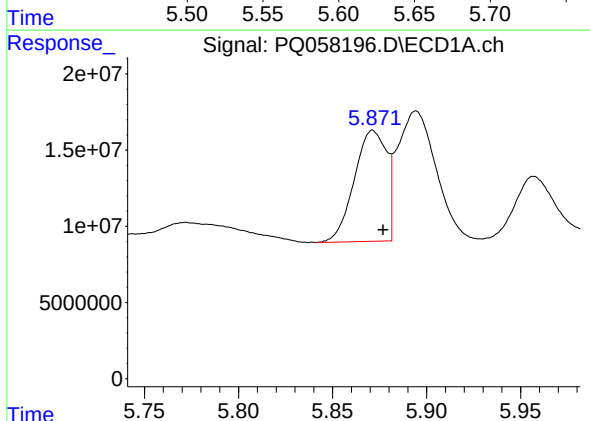
R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 130894881
Conc: 1560.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



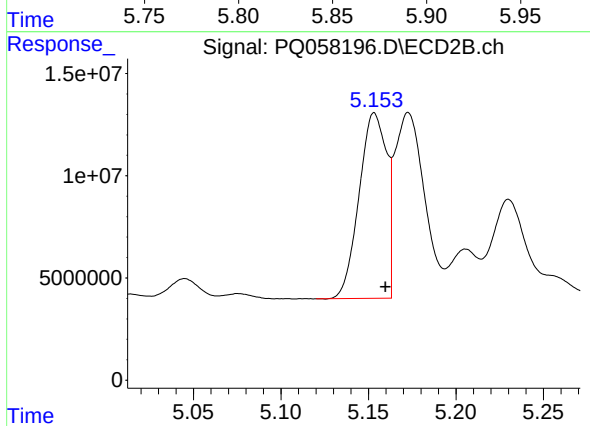
#15 AR-1232-5

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 195676095
Conc: 1327.11 ng/ml



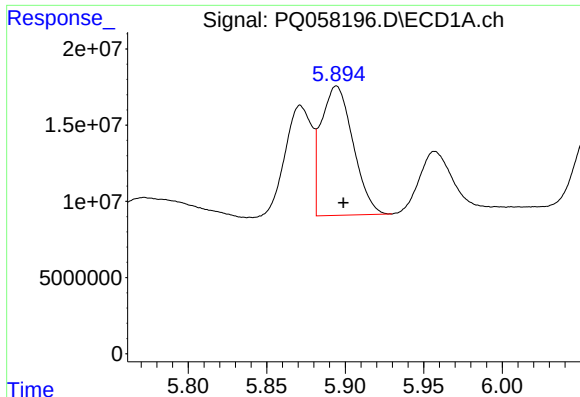
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: -0.006 min
Response: 87303746
Conc: 273.48 ng/ml



#16 AR-1242-1

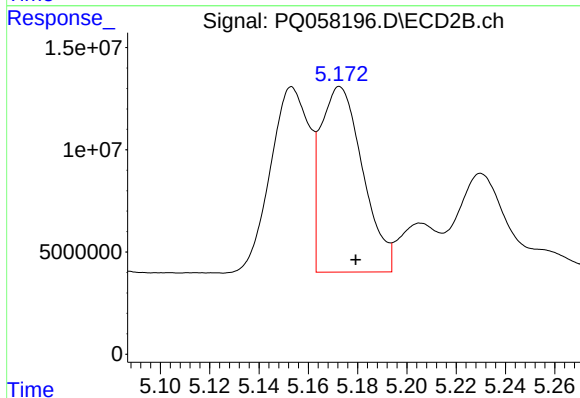
R.T.: 5.153 min
Delta R.T.: -0.006 min
Response: 99345469
Conc: 245.67 ng/ml



#17 AR-1242-2

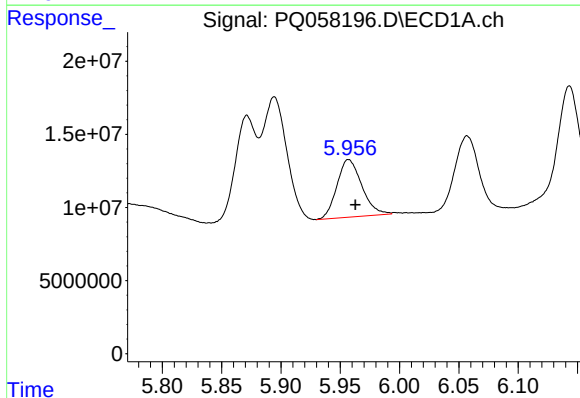
R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 120101525
Conc: 219.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



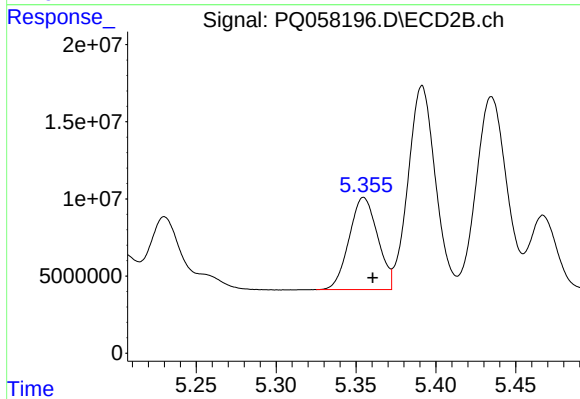
#17 AR-1242-2

R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 107623208
Conc: 186.41 ng/ml



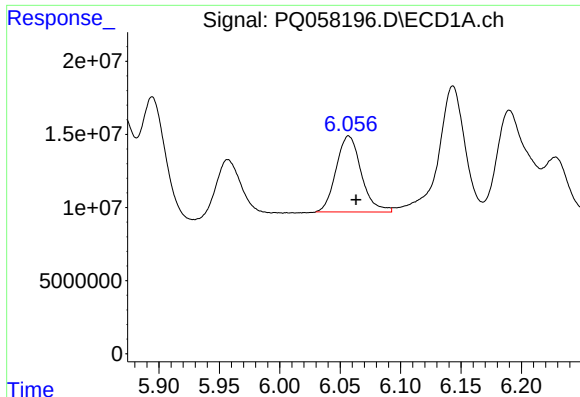
#18 AR-1242-3

R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 57502971
Conc: 170.96 ng/ml



#18 AR-1242-3

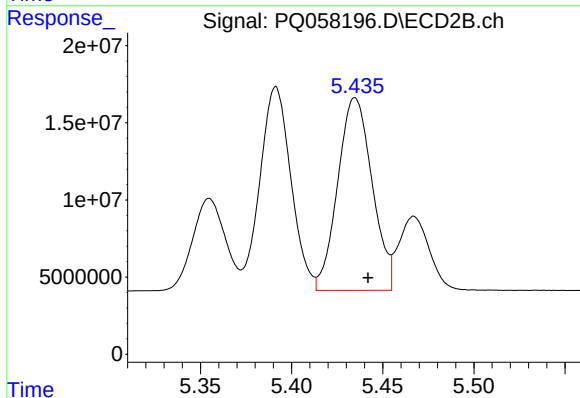
R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 74174861
Conc: 245.49 ng/ml



#19 AR-1242-4

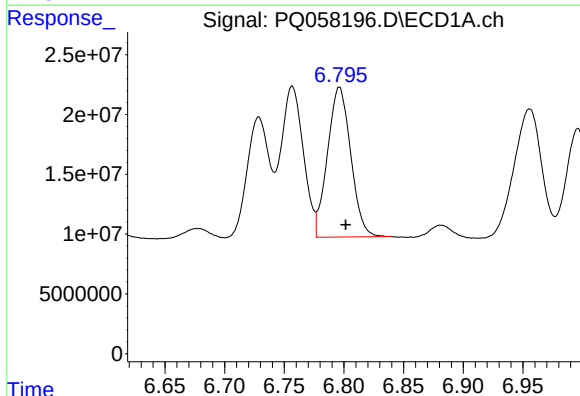
R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 75485650
Conc: 261.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



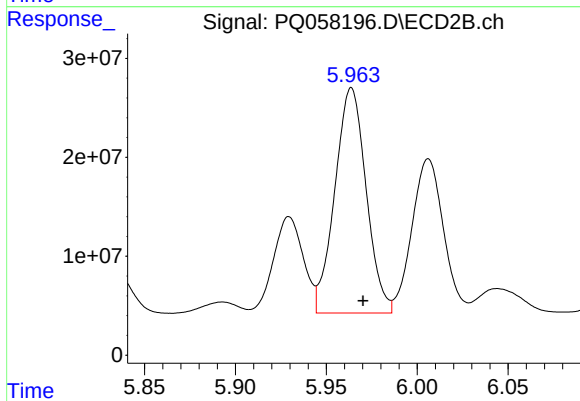
#19 AR-1242-4

R.T.: 5.435 min
Delta R.T.: -0.007 min
Response: 164005815
Conc: 559.78 ng/ml



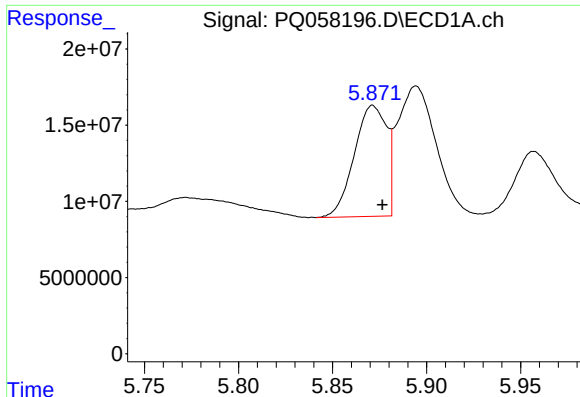
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 169743293
Conc: 608.95 ng/ml



#20 AR-1242-5

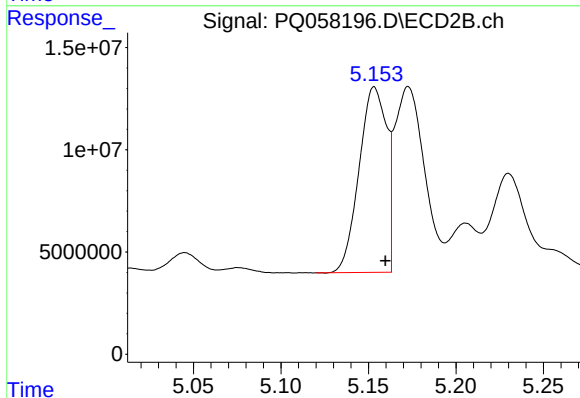
R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 273245118
Conc: 730.37 ng/ml



#21 AR-1248-1

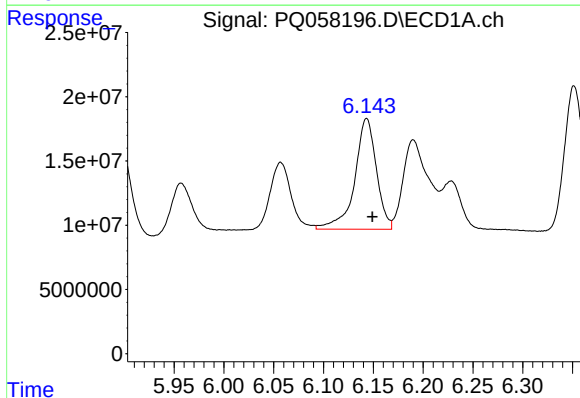
R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 87303746
Conc: 354.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



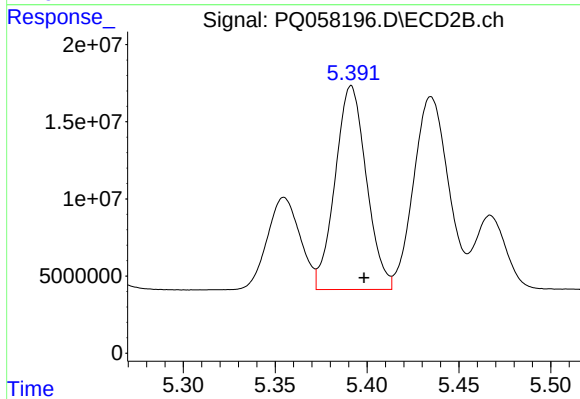
#21 AR-1248-1

R.T.: 5.153 min
Delta R.T.: -0.006 min
Response: 99345469
Conc: 318.71 ng/ml



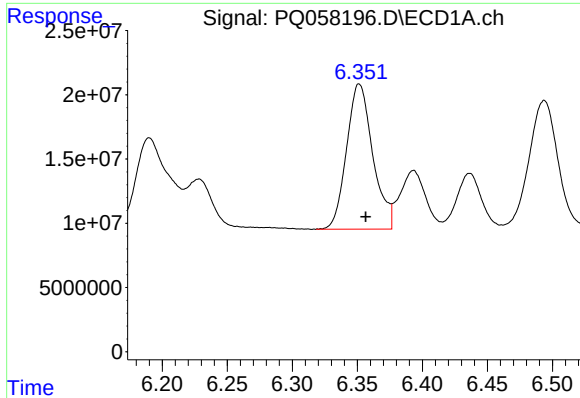
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 130894881
Conc: 404.64 ng/ml



#22 AR-1248-2

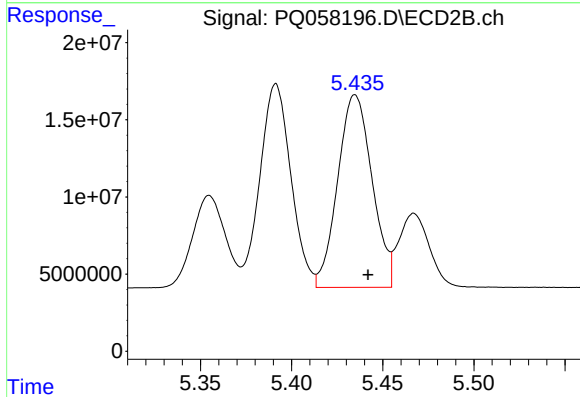
R.T.: 5.391 min
Delta R.T.: -0.007 min
Response: 156372471
Conc: 371.76 ng/ml



#23 AR-1248-3

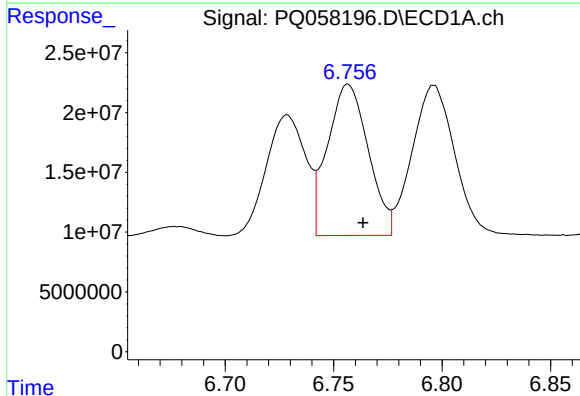
R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 158663953
Conc: 379.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



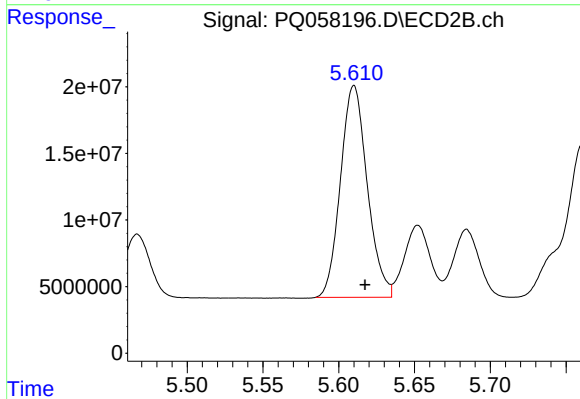
#23 AR-1248-3

R.T.: 5.435 min
Delta R.T.: -0.007 min
Response: 164005815
Conc: 372.61 ng/ml



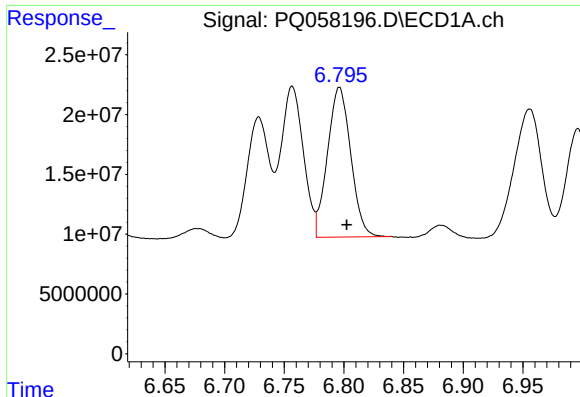
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.007 min
Response: 164853367
Conc: 360.08 ng/ml



#24 AR-1248-4

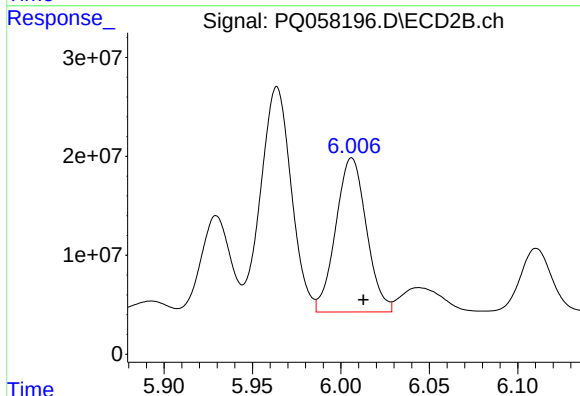
R.T.: 5.610 min
Delta R.T.: -0.007 min
Response: 195676095
Conc: 371.00 ng/ml



#25 AR-1248-5

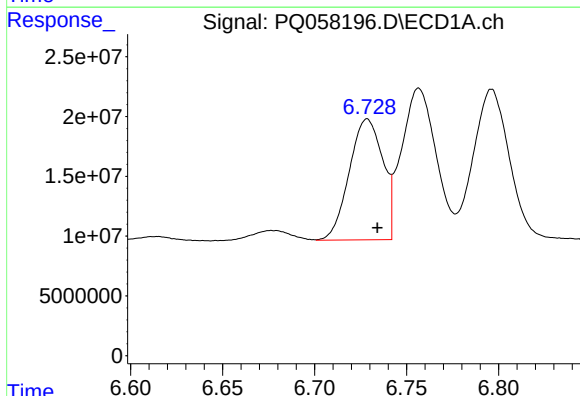
R.T.: 6.796 min
Delta R.T.: -0.006 min
Response: 169743293
Conc: 356.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



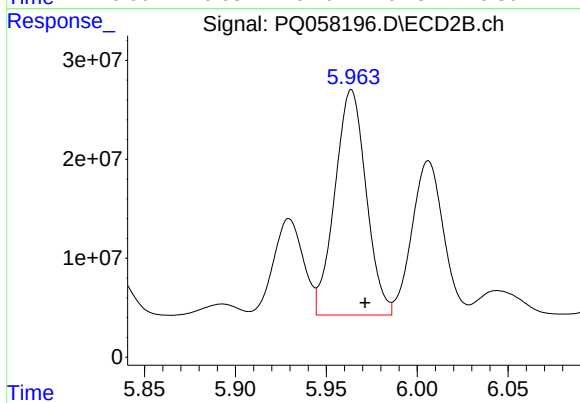
#25 AR-1248-5

R.T.: 6.006 min
Delta R.T.: -0.006 min
Response: 188015668
Conc: 357.91 ng/ml



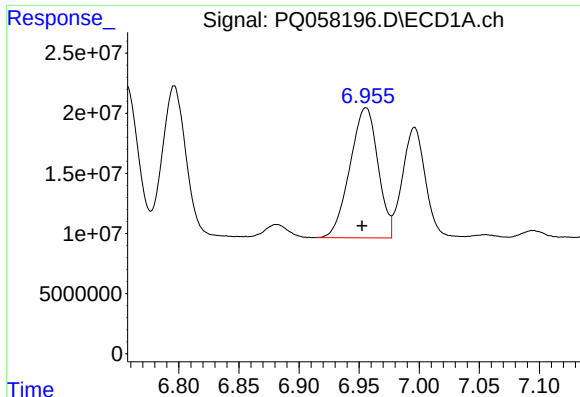
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.006 min
Response: 128290165
Conc: 298.08 ng/ml



#26 AR-1254-1

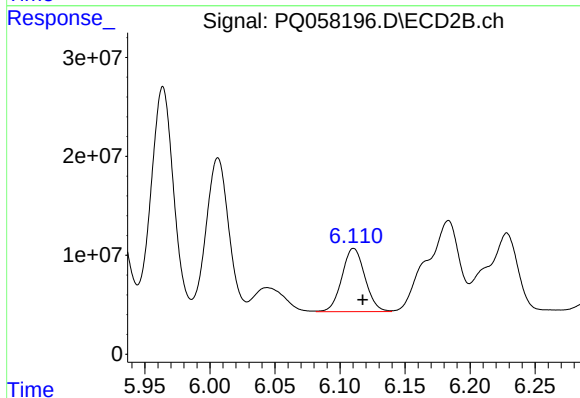
R.T.: 5.964 min
Delta R.T.: -0.007 min
Response: 273245118
Conc: 341.22 ng/ml



#27 AR-1254-2

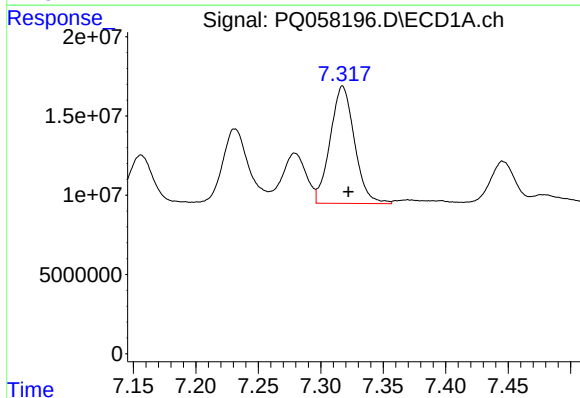
R.T.: 6.956 min
Delta R.T.: 0.003 min
Response: 175412623
Conc: 259.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



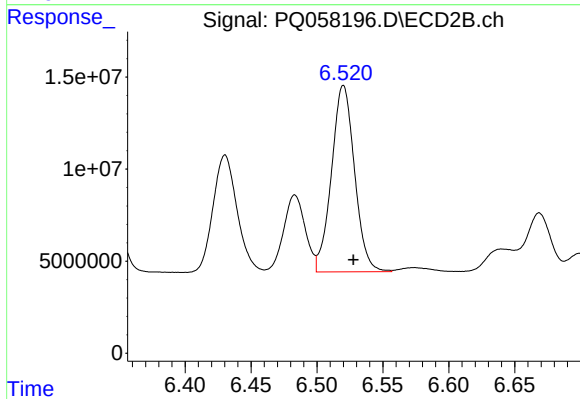
#27 AR-1254-2

R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 78797242
Conc: 113.68 ng/ml



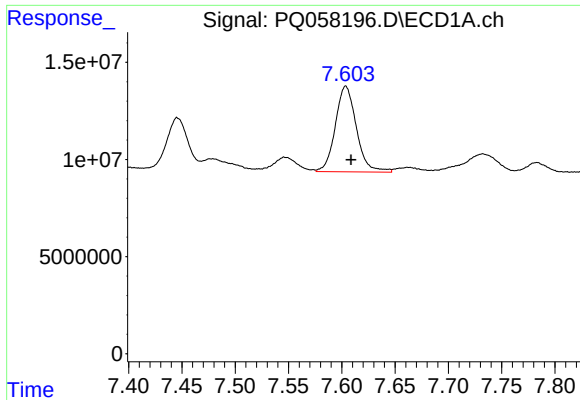
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: -0.005 min
Response: 100305154
Conc: 121.61 ng/ml



#28 AR-1254-3

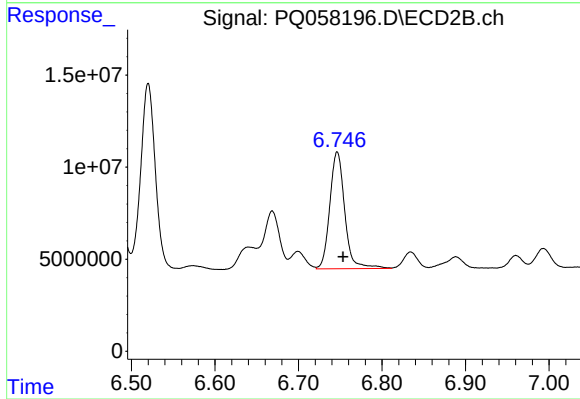
R.T.: 6.520 min
Delta R.T.: -0.008 min
Response: 123501879
Conc: 107.98 ng/ml



#29 AR-1254-4

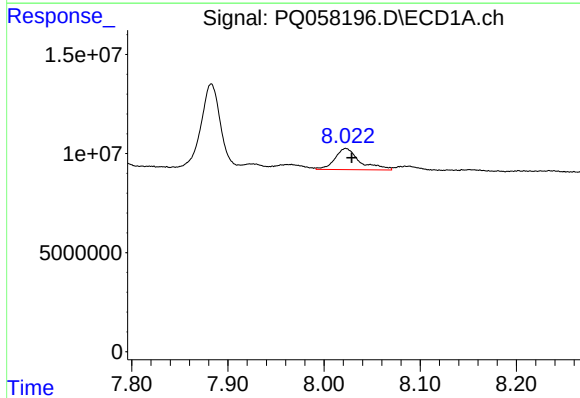
R.T.: 7.604 min
Delta R.T.: -0.005 min
Response: 60589905
Conc: 109.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



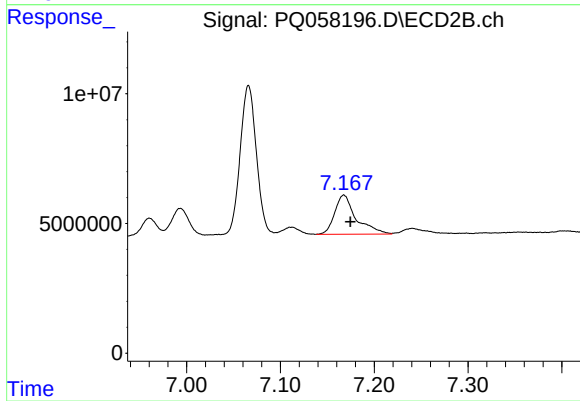
#29 AR-1254-4

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 78961363
Conc: 114.66 ng/ml



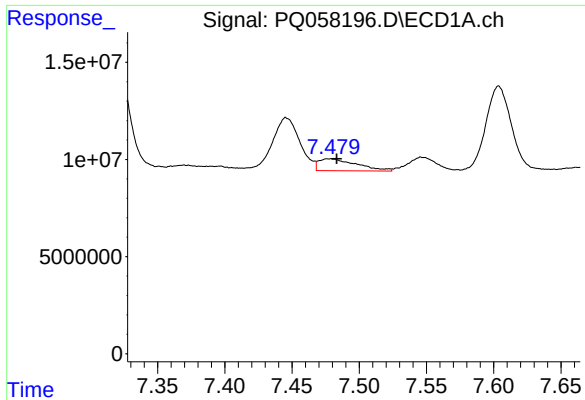
#30 AR-1254-5

R.T.: 8.023 min
Delta R.T.: -0.006 min
Response: 19302201
Conc: 30.72 ng/ml



#30 AR-1254-5

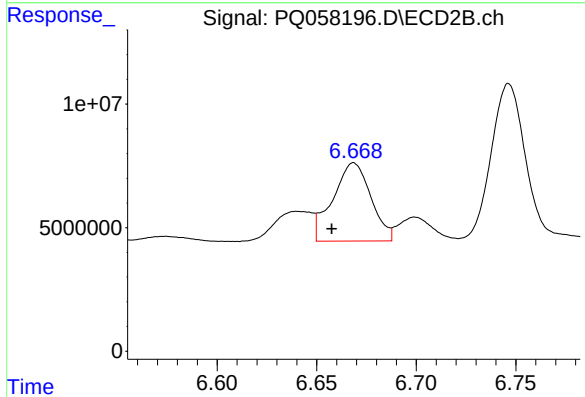
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 23940754
Conc: 25.09 ng/ml



#31 AR-1260-1

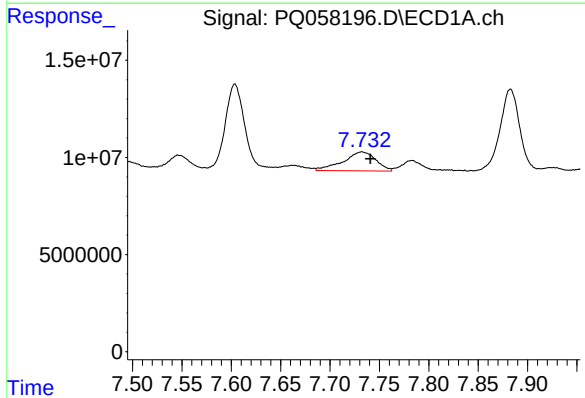
R.T.: 7.478 min
Delta R.T.: -0.006 min
Response: 12189538
Conc: 25.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



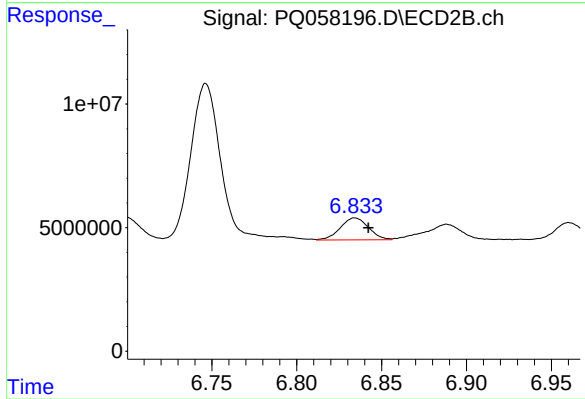
#31 AR-1260-1

R.T.: 6.669 min
Delta R.T.: 0.011 min
Response: 42262554
Conc: 63.07 ng/ml



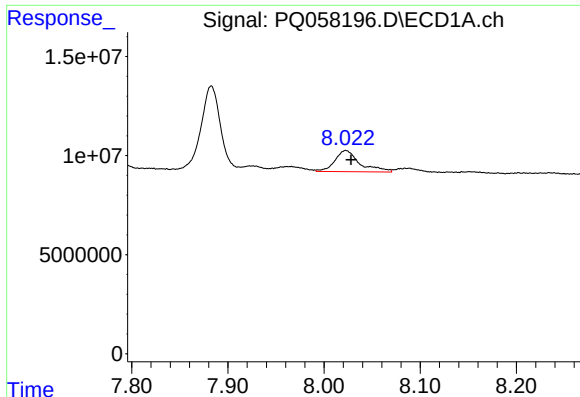
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.008 min
Response: 22336021
Conc: 38.81 ng/ml



#32 AR-1260-2

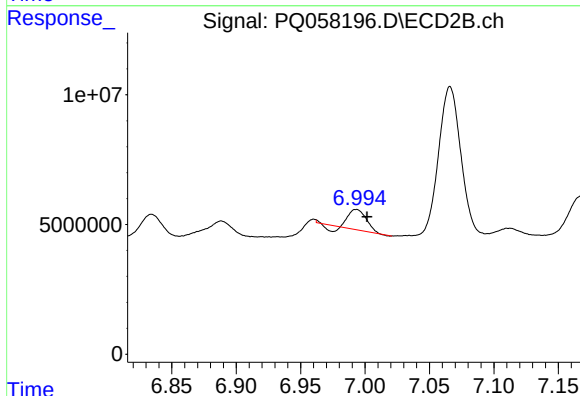
R.T.: 6.834 min
Delta R.T.: -0.008 min
Response: 10270179
Conc: 12.76 ng/ml



#33 AR-1260-3

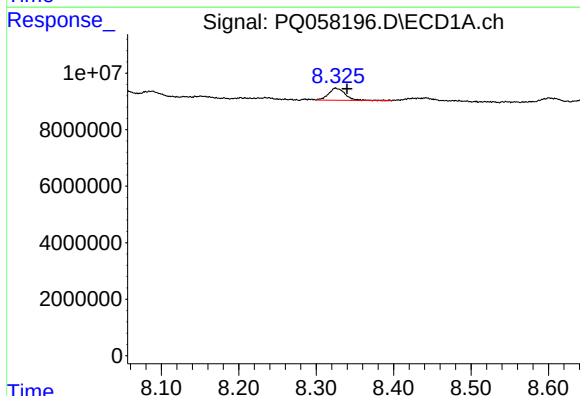
R.T.: 8.023 min
Delta R.T.: -0.005 min
Response: 19302201
Conc: 26.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



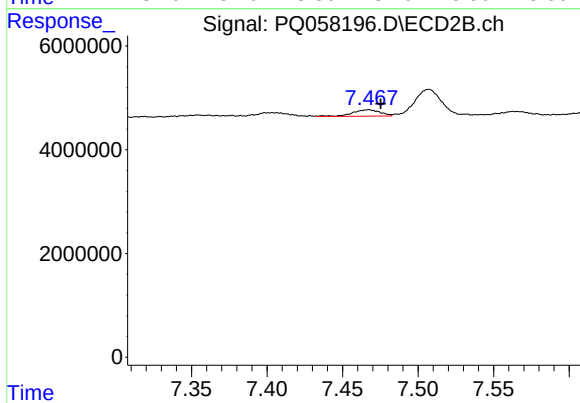
#33 AR-1260-3

R.T.: 6.993 min
Delta R.T.: -0.008 min
Response: 6998942
Conc: 9.26 ng/ml



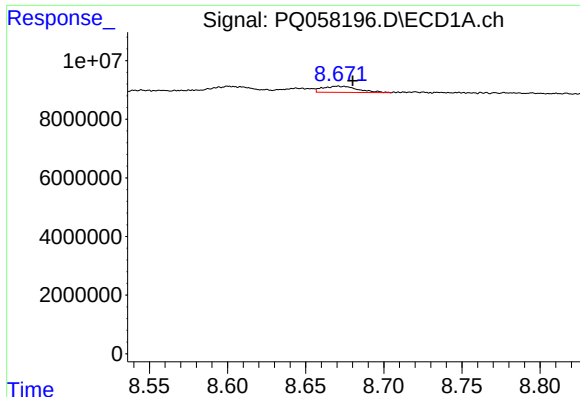
#34 AR-1260-4

R.T.: 8.325 min
Delta R.T.: -0.015 min
Response: 6525264
Conc: 11.94 ng/ml



#34 AR-1260-4

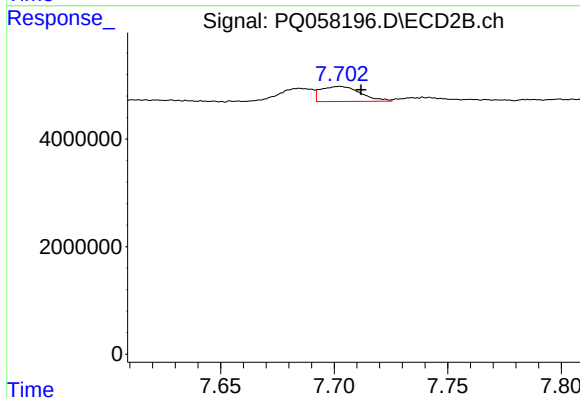
R.T.: 7.467 min
Delta R.T.: -0.008 min
Response: 1583519
Conc: 2.50 ng/ml



#35 AR-1260-5

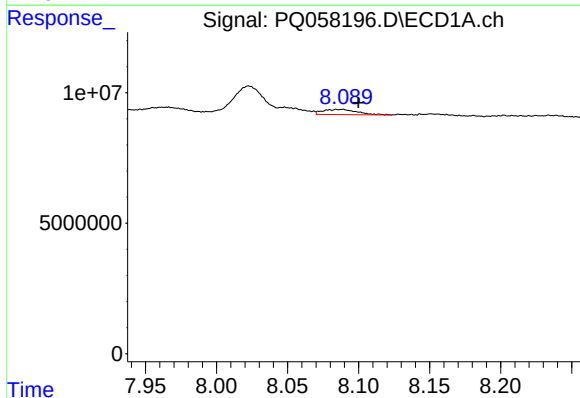
R.T.: 8.670 min
Delta R.T.: -0.010 min
Response: 3298137
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



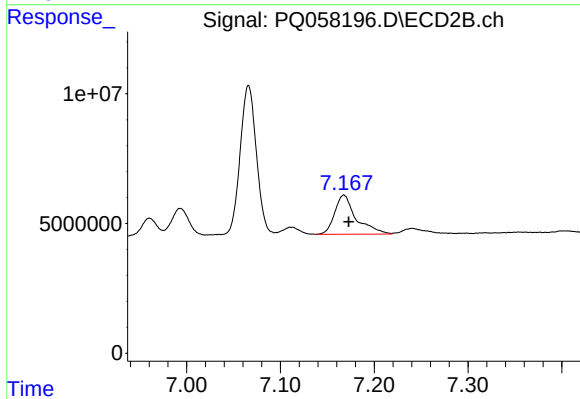
#35 AR-1260-5

R.T.: 7.702 min
Delta R.T.: -0.009 min
Response: 3410102
Conc: 2.31 ng/ml



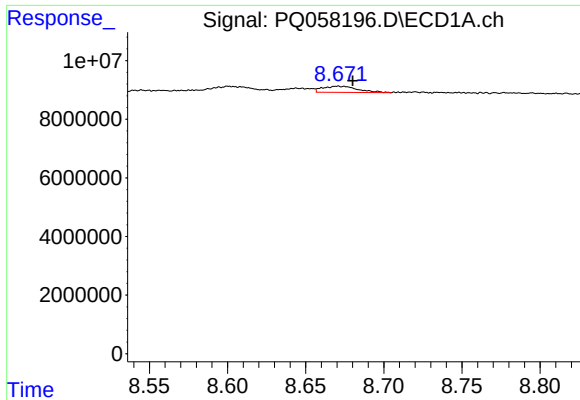
#36 AR-1262-1

R.T.: 8.088 min
Delta R.T.: -0.011 min
Response: 3383448
Conc: 4.79 ng/ml



#36 AR-1262-1

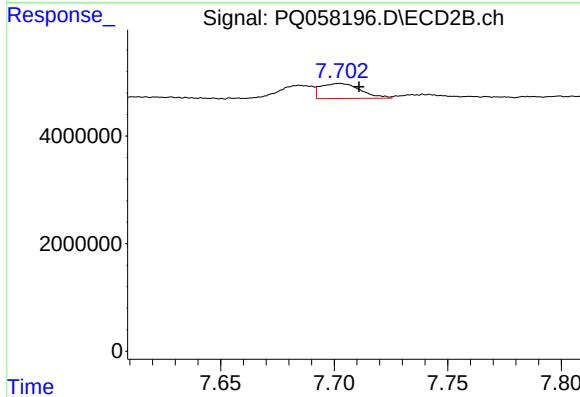
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 23940754
Conc: 47.00 ng/ml



#37 AR-1262-2

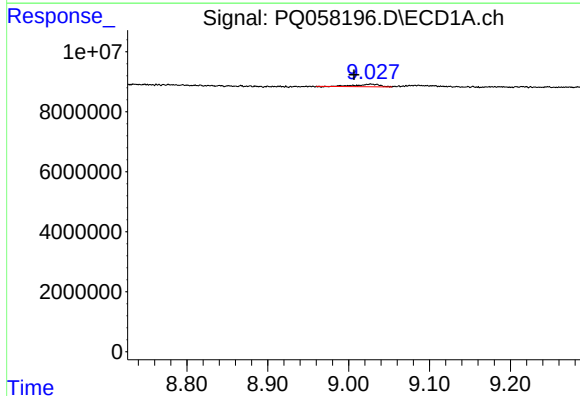
R.T.: 8.670 min
Delta R.T.: -0.010 min
Response: 3298137
Conc: 2.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



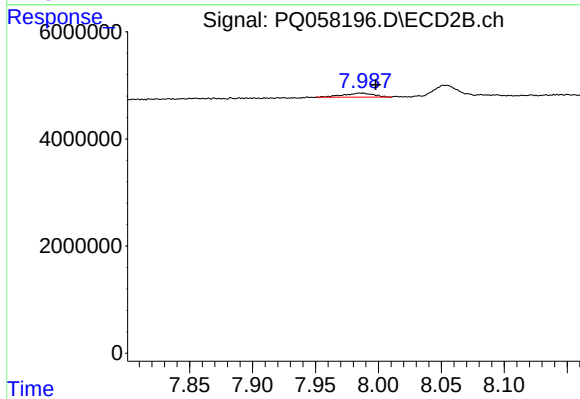
#37 AR-1262-2

R.T.: 7.702 min
Delta R.T.: -0.009 min
Response: 3410102
Conc: 1.93 ng/ml



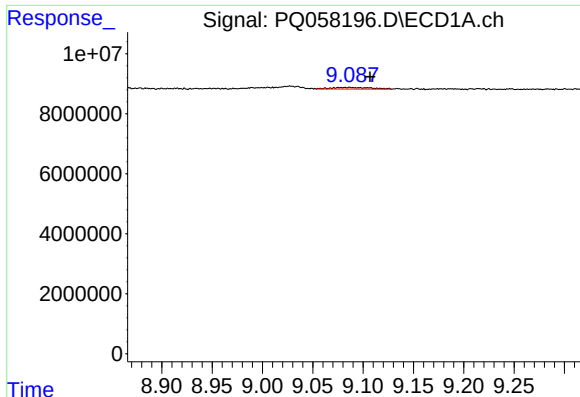
#38 AR-1262-3

R.T.: 9.028 min
Delta R.T.: 0.021 min
Response: 1704436
Conc: 2.32 ng/ml



#38 AR-1262-3

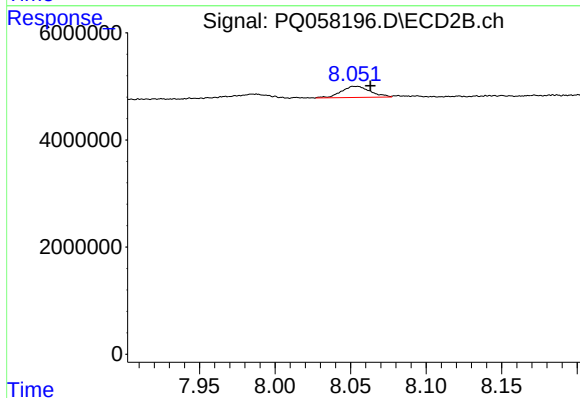
R.T.: 7.986 min
Delta R.T.: -0.012 min
Response: 1279790
Conc: 1.89 ng/ml



#39 AR-1262-4

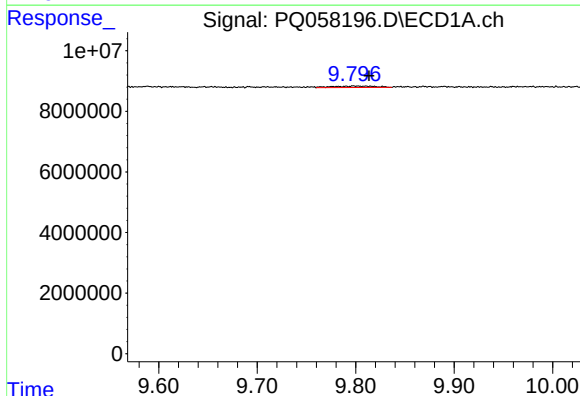
R.T.: 9.087 min
Delta R.T.: -0.020 min
Response: 1507457
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



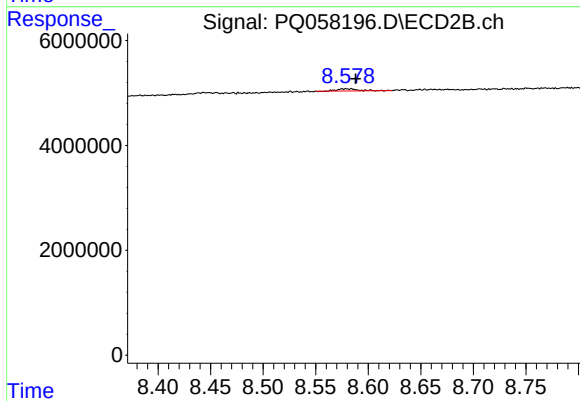
#39 AR-1262-4

R.T.: 8.053 min
Delta R.T.: -0.010 min
Response: 2749724
Conc: 2.20 ng/ml



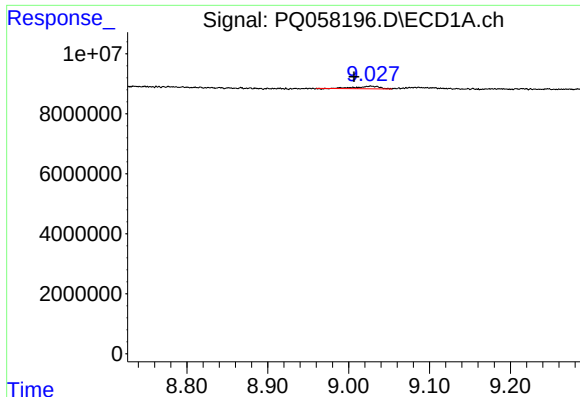
#40 AR-1262-5

R.T.: 9.798 min
Delta R.T.: -0.016 min
Response: 1388499
Conc: 2.32 ng/ml



#40 AR-1262-5

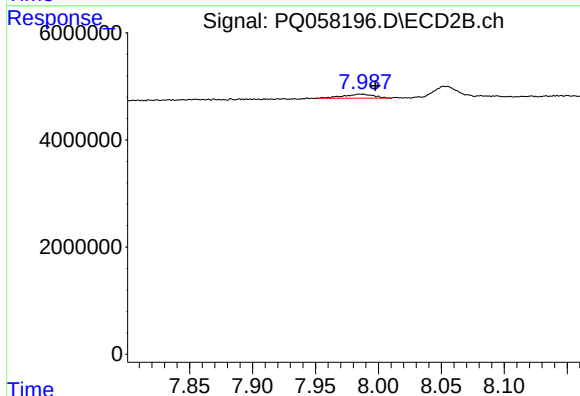
R.T.: 8.579 min
Delta R.T.: -0.009 min
Response: 581193
Conc: 1.10 ng/ml



#41 AR-1268-1

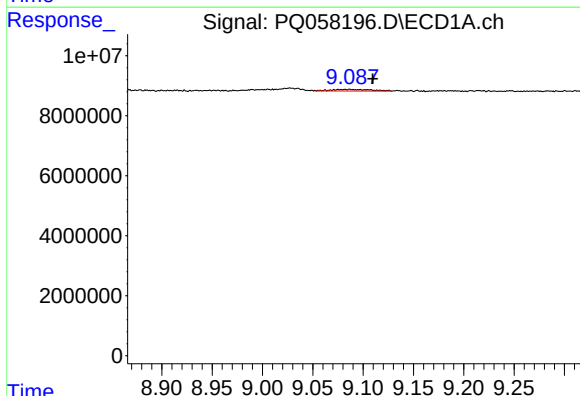
R.T.: 9.028 min
Delta R.T.: 0.021 min
Response: 1704436
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



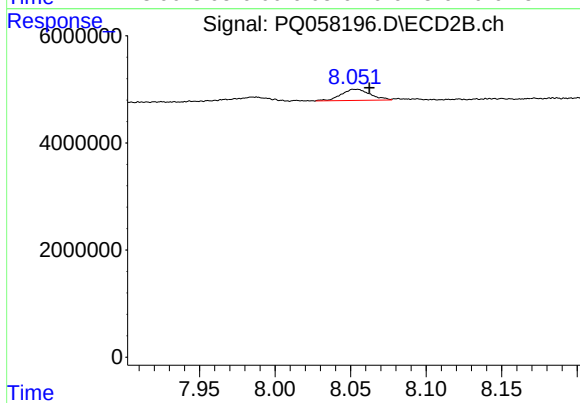
#41 AR-1268-1

R.T.: 7.986 min
Delta R.T.: -0.012 min
Response: 1279790
Conc: 0.64 ng/ml



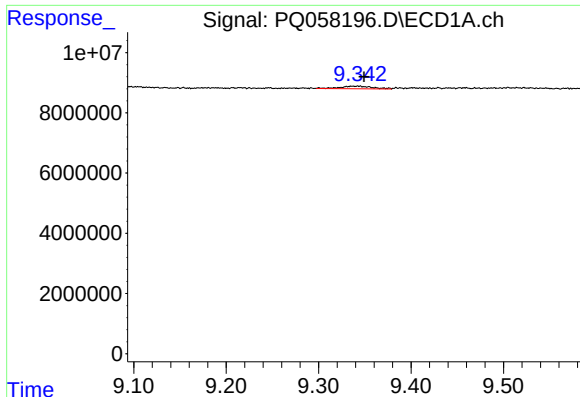
#42 AR-1268-2

R.T.: 9.087 min
Delta R.T.: -0.022 min
Response: 1507457
Conc: 0.80 ng/ml



#42 AR-1268-2

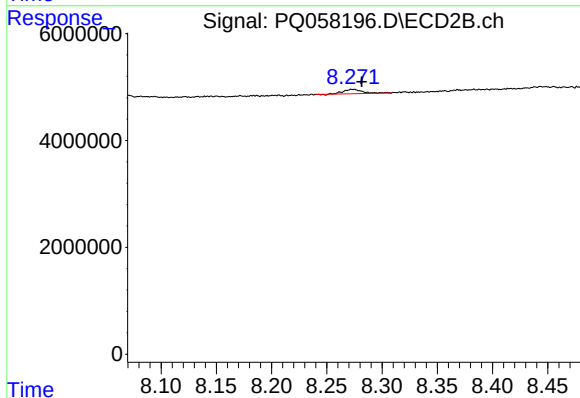
R.T.: 8.053 min
Delta R.T.: -0.009 min
Response: 2749724
Conc: 1.52 ng/ml



#43 AR-1268-3

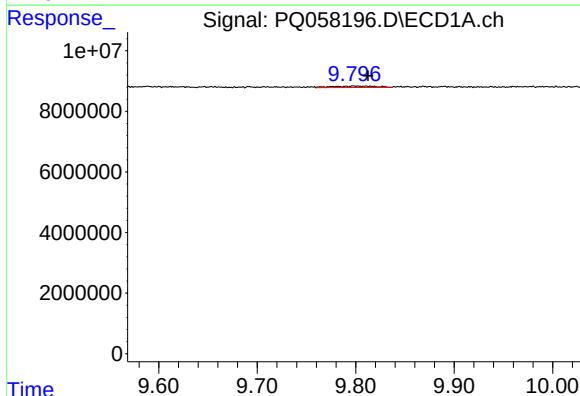
R.T.: 9.337 min
Delta R.T.: -0.012 min
Response: 2077806
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



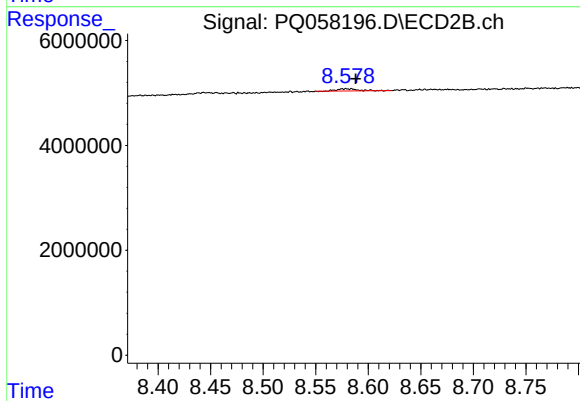
#43 AR-1268-3

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 976914
Conc: 0.63 ng/ml



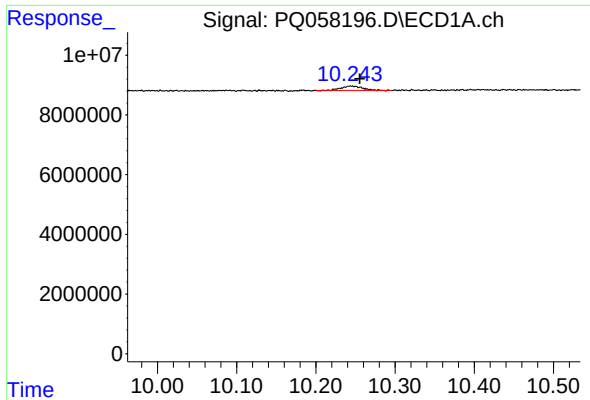
#44 AR-1268-4

R.T.: 9.798 min
Delta R.T.: -0.015 min
Response: 1388499
Conc: 2.20 ng/ml



#44 AR-1268-4

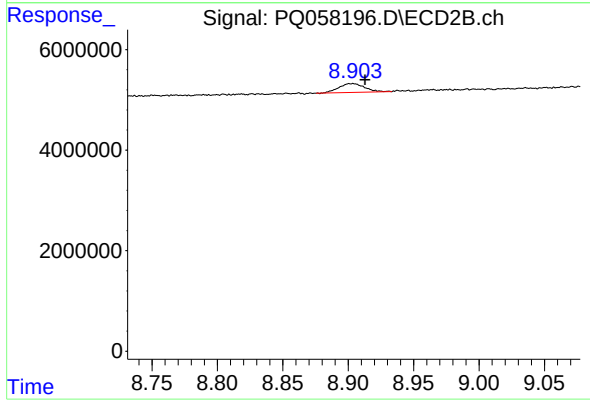
R.T.: 8.579 min
Delta R.T.: -0.009 min
Response: 581193
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.011 min
Response: 2754553
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.903 min
Delta R.T.: -0.010 min
Response: 2411454
Conc: 0.54 ng/ml