

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101022\
 Data File : PQ059592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2022 02:06
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 04:55:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 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...	3.483	2.829	248.5E6	181.8E6	18.051	20.068
2)	SA Decachlor...	8.651	7.604	204.9E6	323.7E6	41.268	42.391
Target Compounds							
3)	L1 AR-1016-1	4.583	3.836	134.2E6	92696128	319.915	328.720
4)	L1 AR-1016-2	4.602	3.852	192.9E6	141.2E6	311.204	332.463
5)	L1 AR-1016-3	4.660	4.014	123.1E6	73671888	311.856	331.236
6)	L1 AR-1016-4	4.752	4.061	102.1E6	56139293	309.919	328.370
7)	L1 AR-1016-5	5.038	4.258	99074319	76183582	315.835	338.147
8)	L2 AR-1221-1	3.679	3.031	14282141	9809628	96.553	98.757
9)	L2 AR-1221-2	3.762	3.108	18569163	12768083	179.419	186.531
10)	L2 AR-1221-3	3.831	3.177	72433953	52838256	217.563	230.395
11)	L3 AR-1232-1	3.831	3.177	72433953	52838256	257.379	274.406
12)	L3 AR-1232-2	4.326	3.852	99067329	141.2E6	674.322	749.758
13)	L3 AR-1232-3	4.602	4.014	192.9E6	73671888	676.044	755.474
14)	L3 AR-1232-4	4.752	4.098	102.1E6	68341565	682.090	837.194
15)	L3 AR-1232-5	4.848	4.258	76437083	76183582	728.244	797.856
16)	L4 AR-1242-1	4.583	3.836	134.2E6	92696128	385.156	399.473
17)	L4 AR-1242-2	4.602	3.852	192.9E6	141.2E6	377.188	405.094
18)	L4 AR-1242-3	4.660	4.014	123.1E6	73671888	380.616	403.175
19)	L4 AR-1242-4	4.752	4.098	102.1E6	68341565	378.720	405.172
20)	L4 AR-1242-5	5.466	4.595	105.7E6	89875751	393.118	406.298
21)	L5 AR-1248-1	4.583	3.836	134.2E6	92696128	505.861	521.397
22)	L5 AR-1248-2	4.848	4.061	76437083	56139293	214.401	222.371
23)	L5 AR-1248-3	5.038	4.098	99074319	68341565	230.685	270.683
24)	L5 AR-1248-4	5.430	4.258	99225025	76183582	213.472	243.912
25)	L5 AR-1248-5	5.466	4.632	105.7E6	77128030	229.508	245.473
26)	L6 AR-1254-1	5.402	4.595	78079769	89875751	162.805	183.837
27)	L6 AR-1254-2	5.617	4.740	92049770	22677003	123.762	52.364 #
28)	L6 AR-1254-3	5.972	5.123	37590406	30540492	48.043	44.074
29)	L6 AR-1254-4	6.255	5.348	27552221	22469803	50.402	52.194
30)	L6 AR-1254-5	6.667	5.754	7411153	7816348	12.501	12.628
31)	L7 AR-1260-1	6.138	5.257	4473584	12970884	8.041	28.788 #
32)	L7 AR-1260-2	6.394	5.438	3318341	3312818	5.198	6.024
33)	L7 AR-1260-3	6.722	5.580	868436	3153841	1.942	6.079 #
34)	L7 AR-1260-4	6.943	6.042	3303244	842371	6.850	1.906 #
35)	L7 AR-1260-5	7.270	6.311	949286	685313	1.077	0.672 #
36)	L8 AR-1262-1	6.722	5.817	868436	818795	1.249	1.285
37)	L8 AR-1262-2	7.270	6.311	949286	685313	0.873	0.586 #
38)	L8 AR-1262-3	7.549	6.566	778603	1273123	1.171	2.765 #
39)	L8 AR-1262-4	0.000	6.619	0	1446765	N.D.	1.651 #
40)	L8 AR-1262-5	0.000	7.116	0	487329	N.D.	1.226 #
41)	L9 AR-1268-1	7.549	6.566	778603	1273123	0.666	0.905 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101022\
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 Acq On : 11 Oct 2022 02:06
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

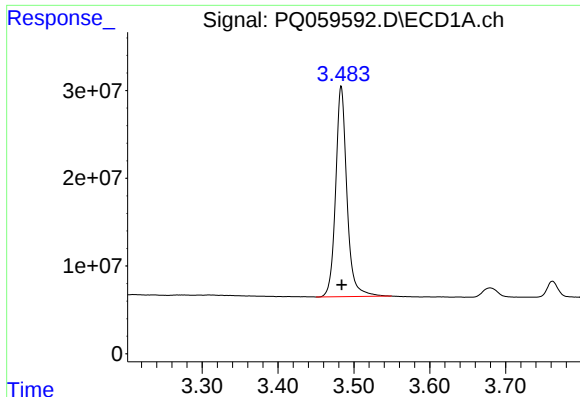
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 04:55:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.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	0.000	6.619	0	1446765	N.D.	1.118 #
43) L9	AR-1268-3	7.803	6.828	539745	860985	0.642	0.780
44) L9	AR-1268-4	0.000	7.116	0	487329	N.D.	1.076 #
45) L9	AR-1268-5	8.418	7.386	1789004	4478935	0.794	1.253 #

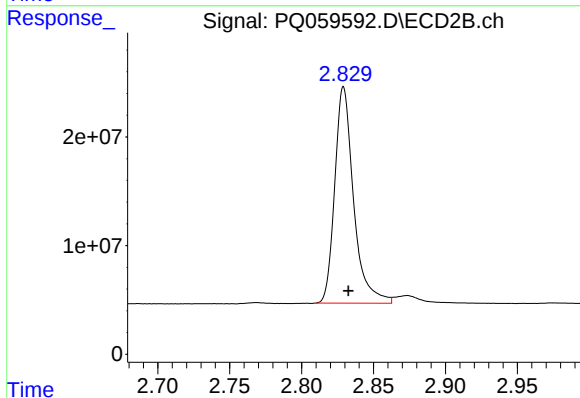
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

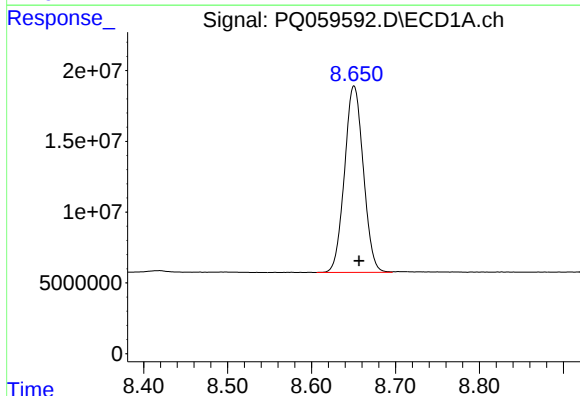
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 248549649
Conc: 18.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



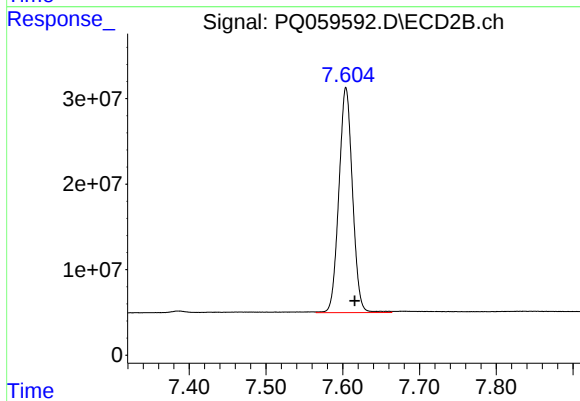
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: -0.003 min
Response: 181789168
Conc: 20.07 ng/ml



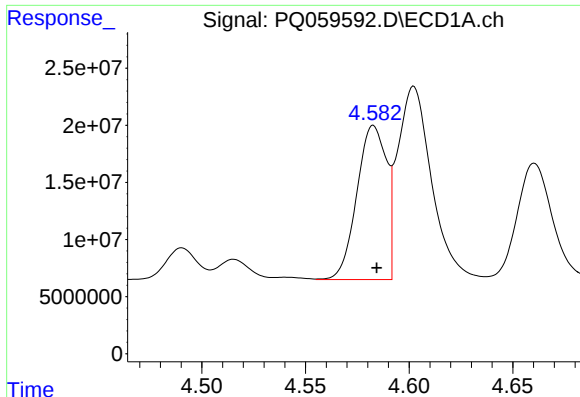
#2 Decachlorobiphenyl

R.T.: 8.651 min
Delta R.T.: -0.006 min
Response: 204942436
Conc: 41.27 ng/ml



#2 Decachlorobiphenyl

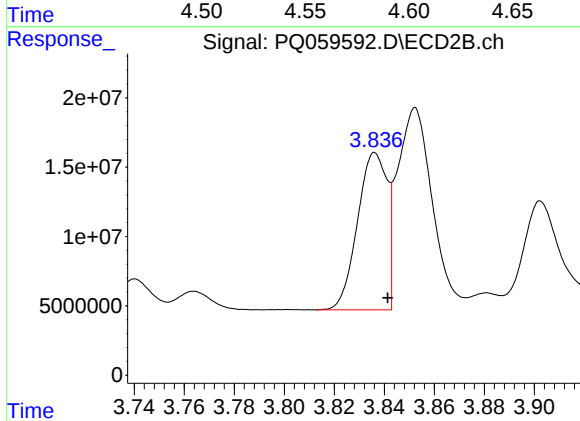
R.T.: 7.604 min
Delta R.T.: -0.012 min
Response: 323707131
Conc: 42.39 ng/ml



#3 AR-1016-1

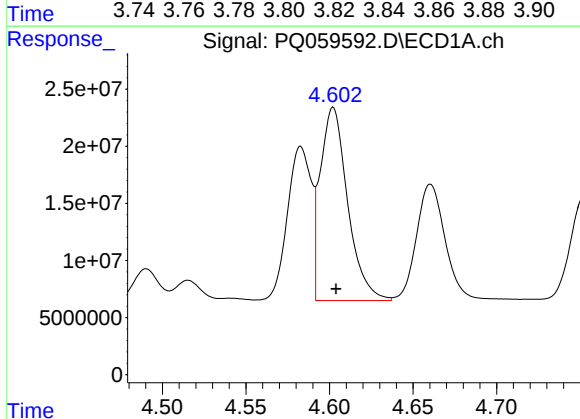
R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 134168546
Conc: 319.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



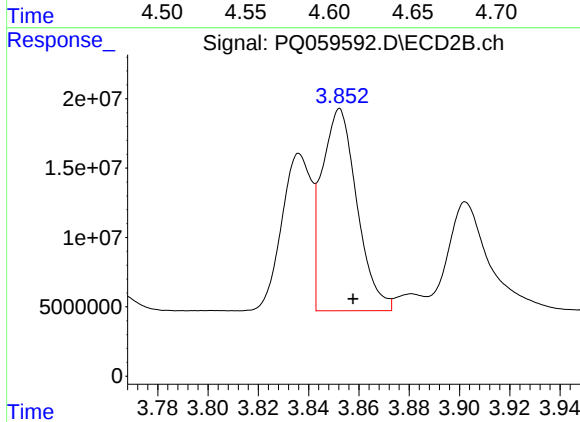
#3 AR-1016-1

R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 92696128
Conc: 328.72 ng/ml



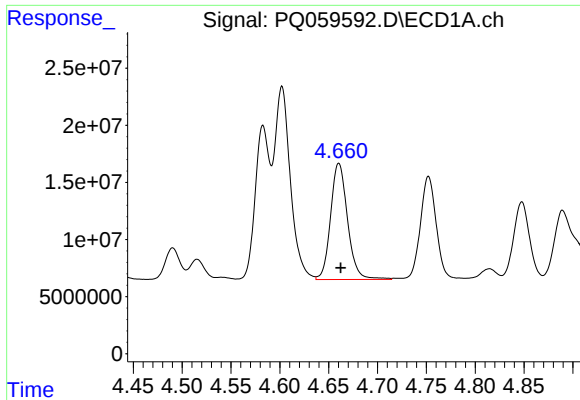
#4 AR-1016-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 192929676
Conc: 311.20 ng/ml



#4 AR-1016-2

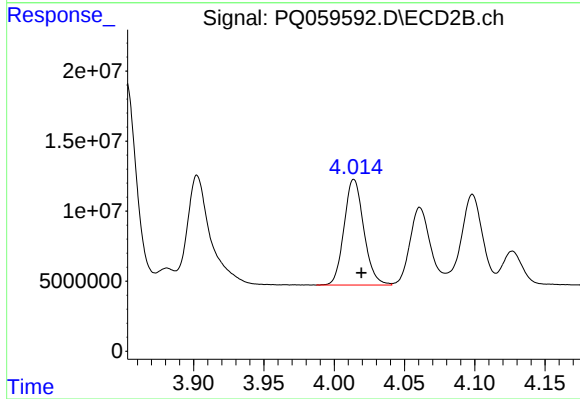
R.T.: 3.852 min
Delta R.T.: -0.005 min
Response: 141212432
Conc: 332.46 ng/ml



#5 AR-1016-3

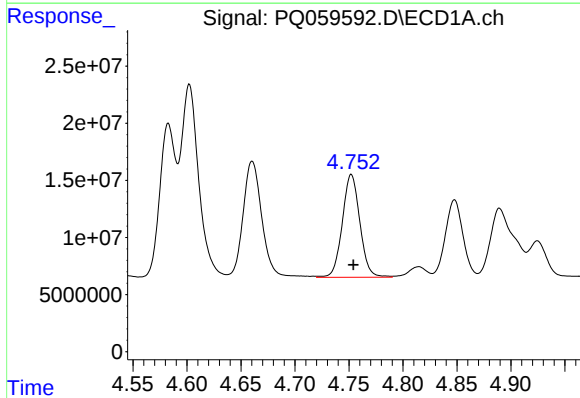
R.T.: 4.660 min
Delta R.T.: -0.002 min
Response: 123085081
Conc: 311.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



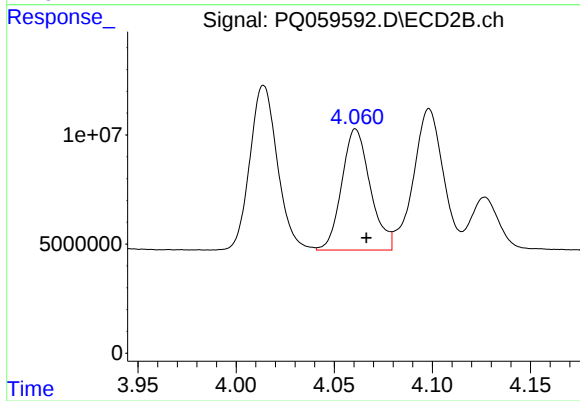
#5 AR-1016-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 73671888
Conc: 331.24 ng/ml



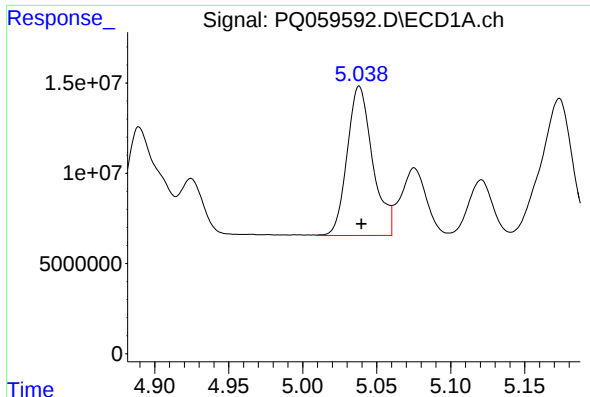
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 102052225
Conc: 309.92 ng/ml



#6 AR-1016-4

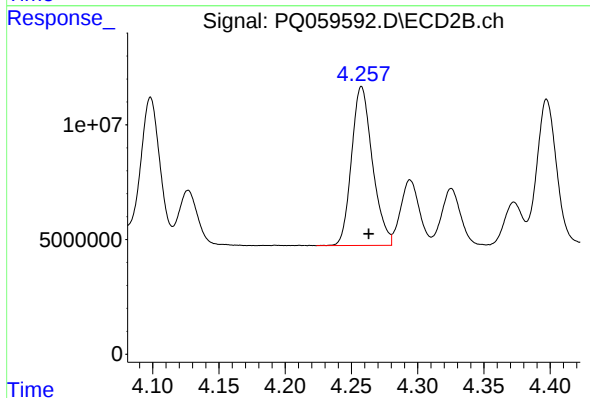
R.T.: 4.061 min
Delta R.T.: -0.006 min
Response: 56139293
Conc: 328.37 ng/ml



#7 AR-1016-5

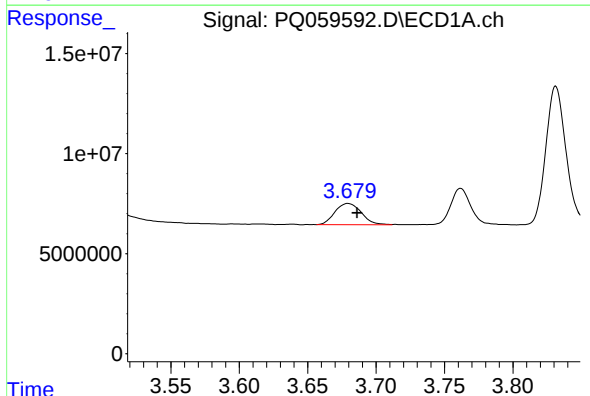
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 99074319
Conc: 315.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



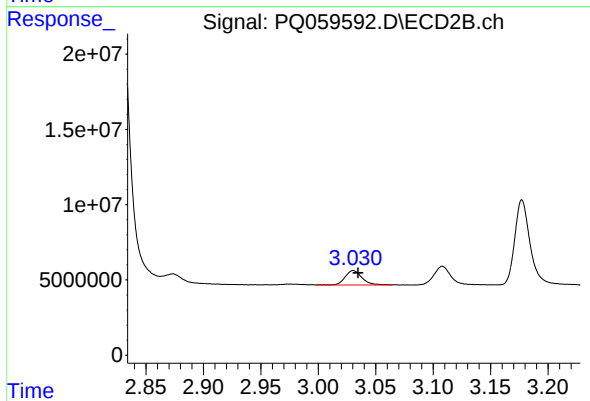
#7 AR-1016-5

R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 76183582
Conc: 338.15 ng/ml



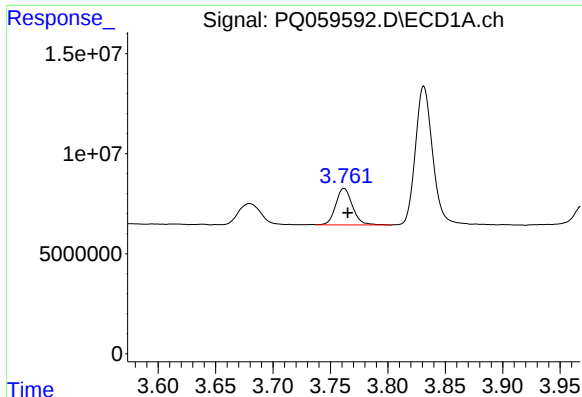
#8 AR-1221-1

R.T.: 3.679 min
Delta R.T.: -0.007 min
Response: 14282141
Conc: 96.55 ng/ml



#8 AR-1221-1

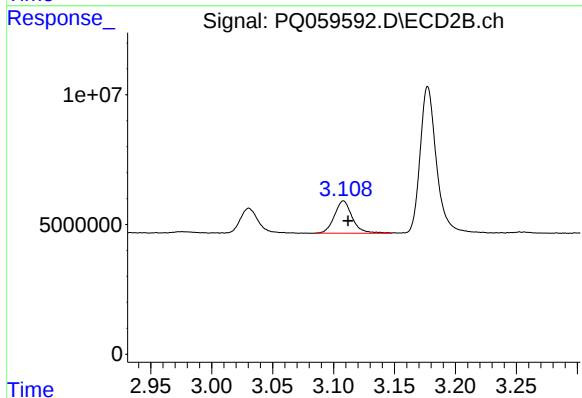
R.T.: 3.031 min
Delta R.T.: -0.004 min
Response: 9809628
Conc: 98.76 ng/ml



#9 AR-1221-2

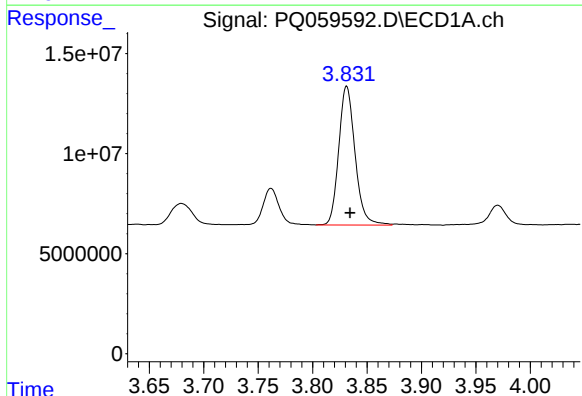
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 18569163
Conc: 179.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



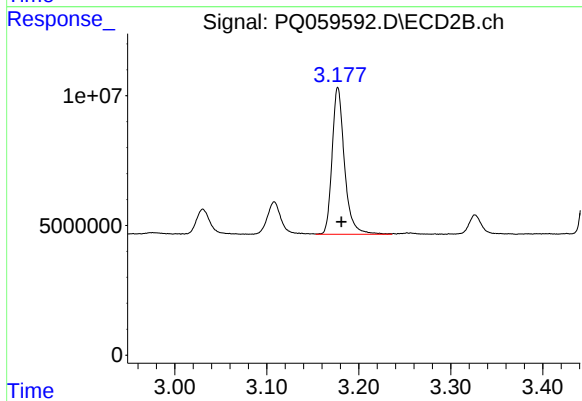
#9 AR-1221-2

R.T.: 3.108 min
Delta R.T.: -0.004 min
Response: 12768083
Conc: 186.53 ng/ml



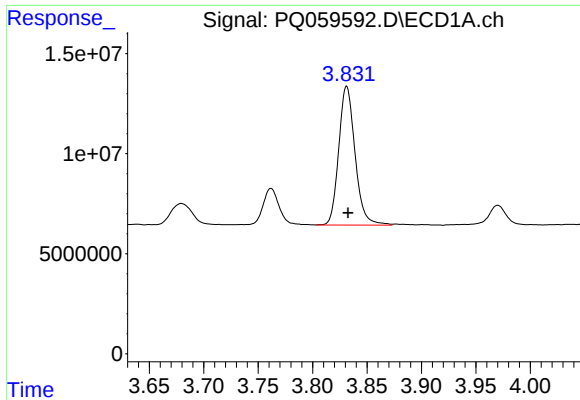
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.003 min
Response: 72433953
Conc: 217.56 ng/ml



#10 AR-1221-3

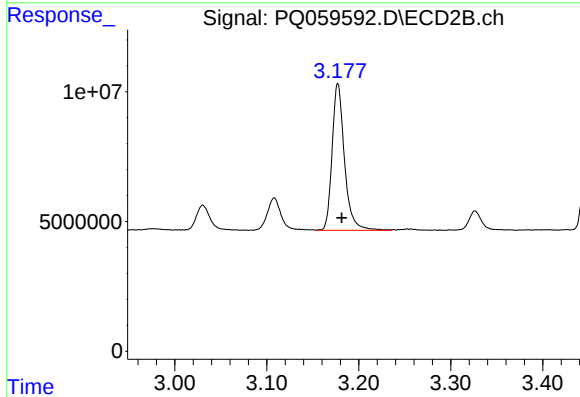
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 52838256
Conc: 230.39 ng/ml



#11 AR-1232-1

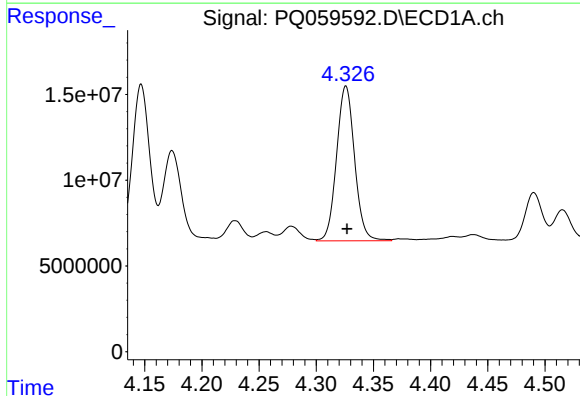
R.T.: 3.831 min
Delta R.T.: -0.001 min
Response: 72433953
Conc: 257.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



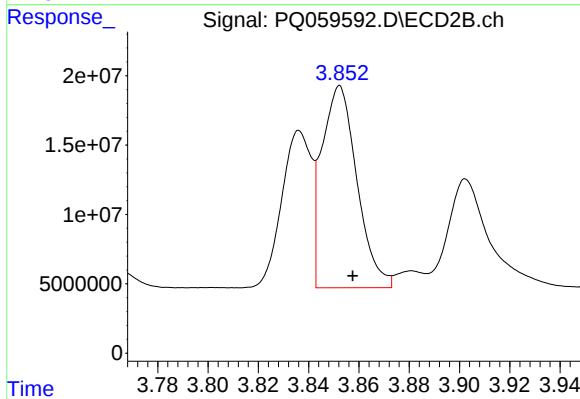
#11 AR-1232-1

R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 52838256
Conc: 274.41 ng/ml



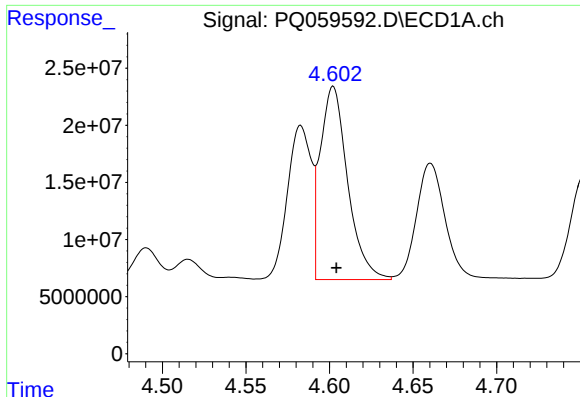
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 99067329
Conc: 674.32 ng/ml



#12 AR-1232-2

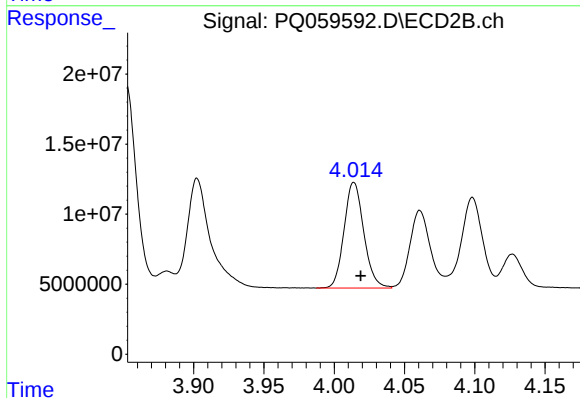
R.T.: 3.852 min
Delta R.T.: -0.005 min
Response: 141212432
Conc: 749.76 ng/ml



#13 AR-1232-3

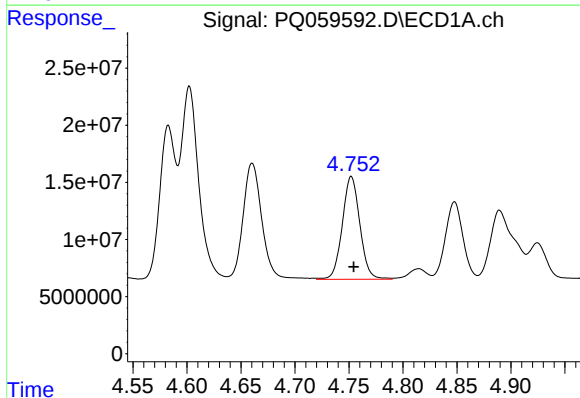
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 192929676
Conc: 676.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



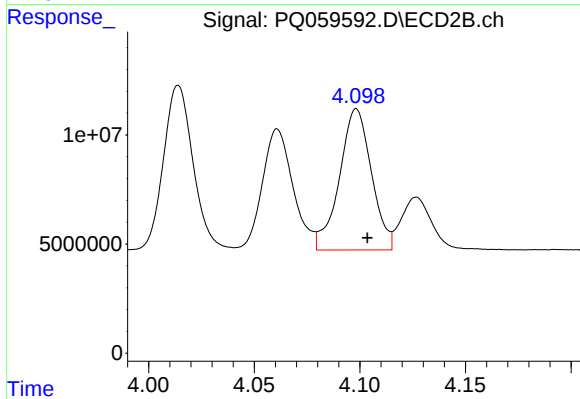
#13 AR-1232-3

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 73671888
Conc: 755.47 ng/ml



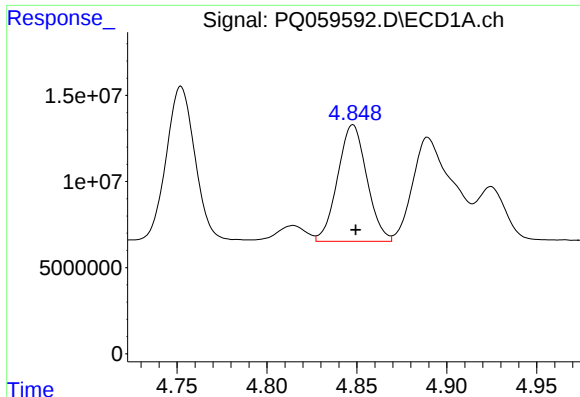
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 102052225
Conc: 682.09 ng/ml



#14 AR-1232-4

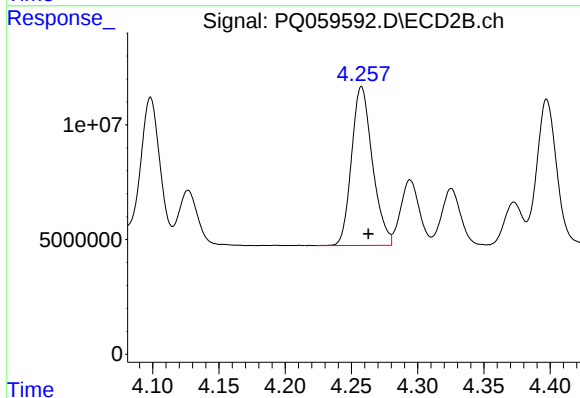
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 68341565
Conc: 837.19 ng/ml



#15 AR-1232-5

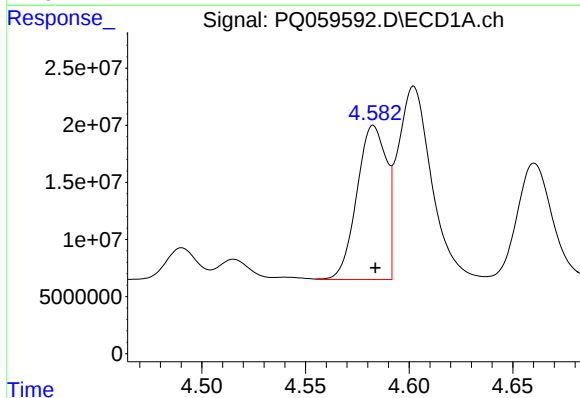
R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 76437083
Conc: 728.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



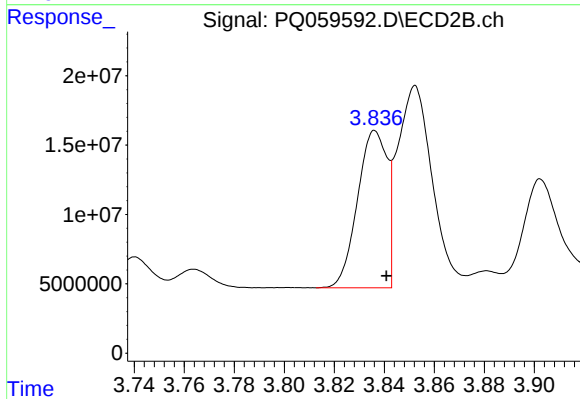
#15 AR-1232-5

R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 76183582
Conc: 797.86 ng/ml



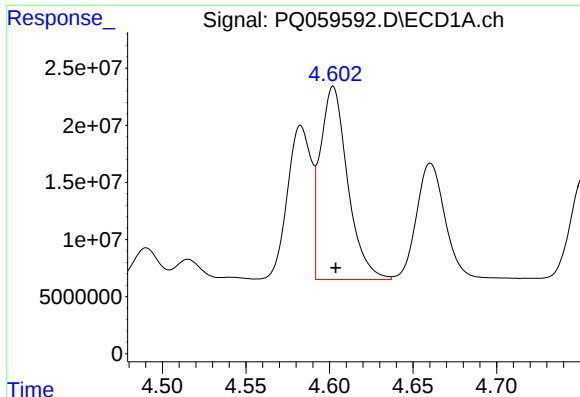
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 134168546
Conc: 385.16 ng/ml



#16 AR-1242-1

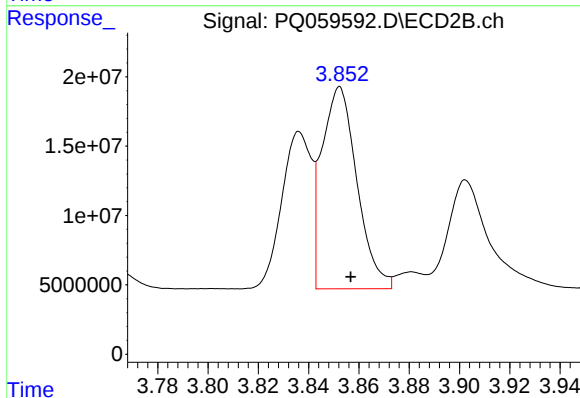
R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 92696128
Conc: 399.47 ng/ml



#17 AR-1242-2

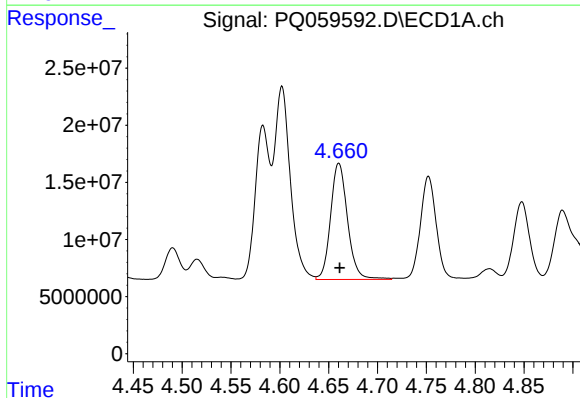
R.T.: 4.602 min
Delta R.T.: -0.001 min
Response: 192929676
Conc: 377.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



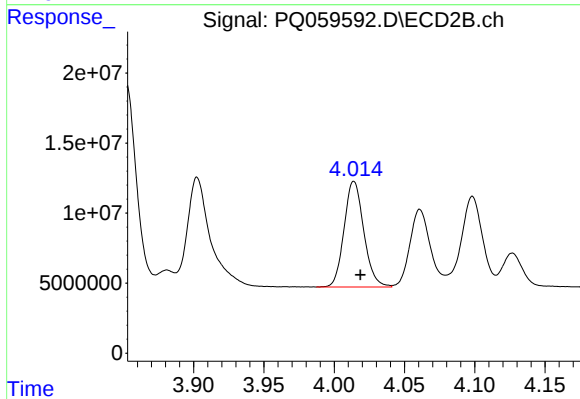
#17 AR-1242-2

R.T.: 3.852 min
Delta R.T.: -0.004 min
Response: 141212432
Conc: 405.09 ng/ml



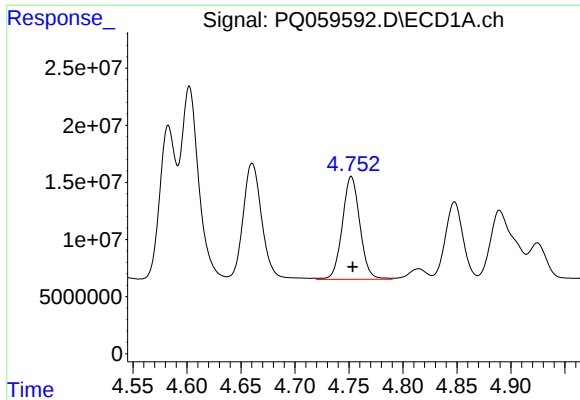
#18 AR-1242-3

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 123085081
Conc: 380.62 ng/ml



#18 AR-1242-3

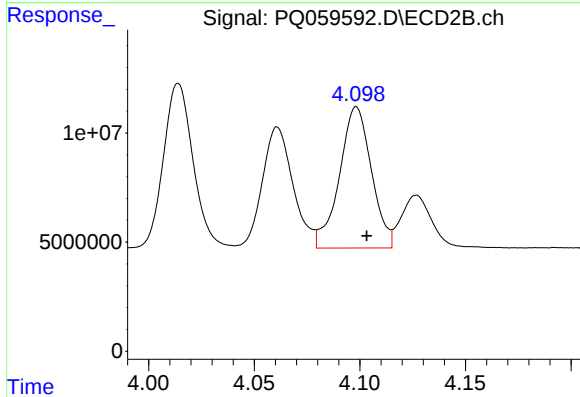
R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 73671888
Conc: 403.18 ng/ml



#19 AR-1242-4

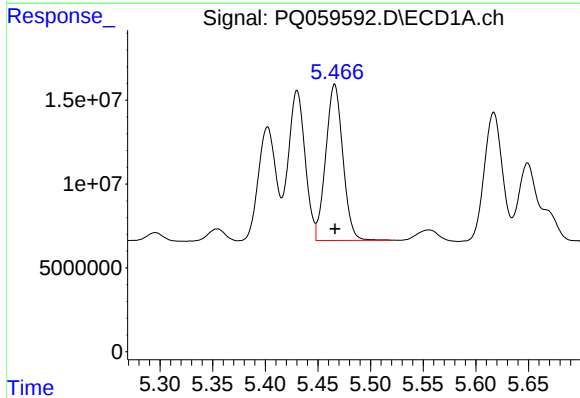
R.T.: 4.752 min
Delta R.T.: -0.001 min
Response: 102052225
Conc: 378.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



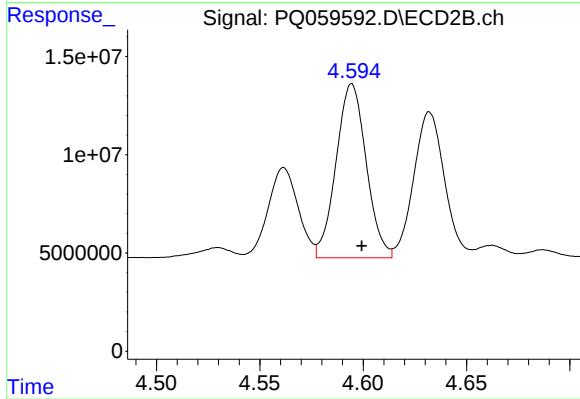
#19 AR-1242-4

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 68341565
Conc: 405.17 ng/ml



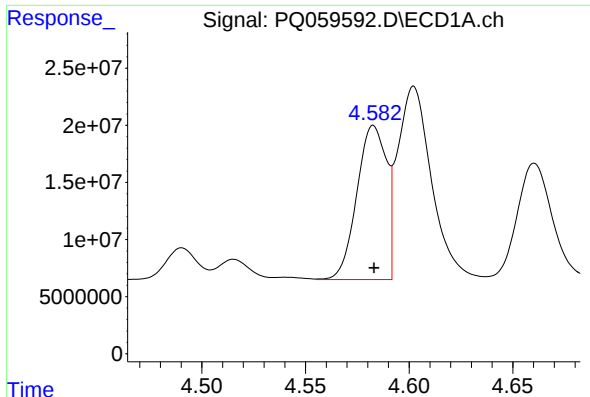
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 105651764
Conc: 393.12 ng/ml



#20 AR-1242-5

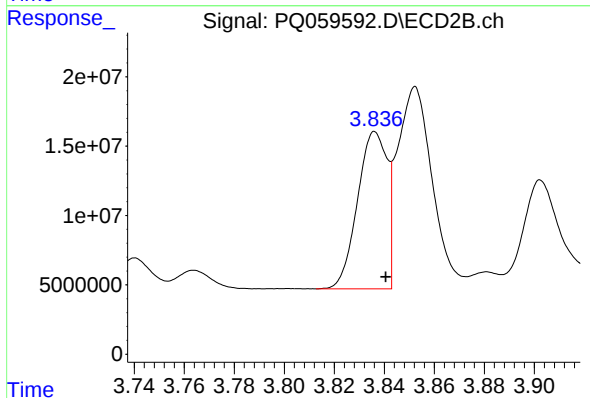
R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 89875751
Conc: 406.30 ng/ml



#21 AR-1248-1

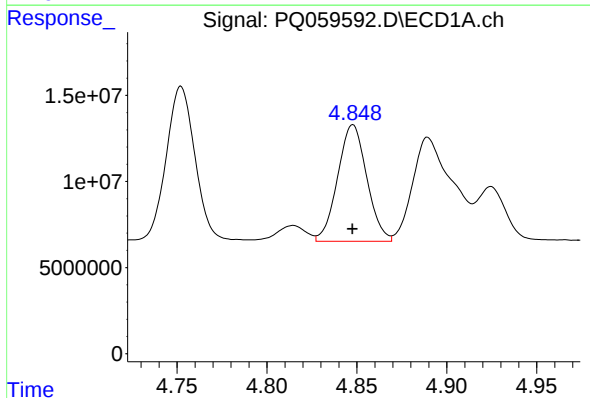
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 134168546
Conc: 505.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



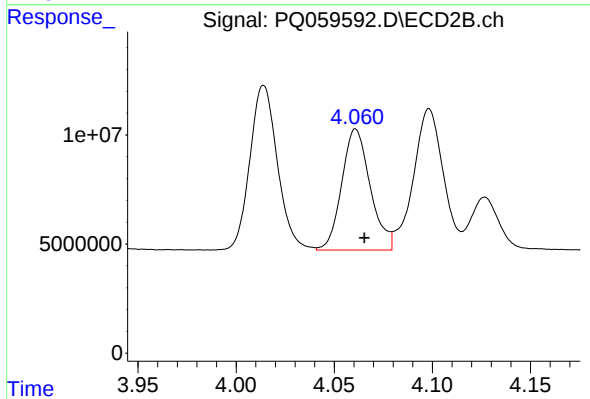
#21 AR-1248-1

R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 92696128
Conc: 521.40 ng/ml



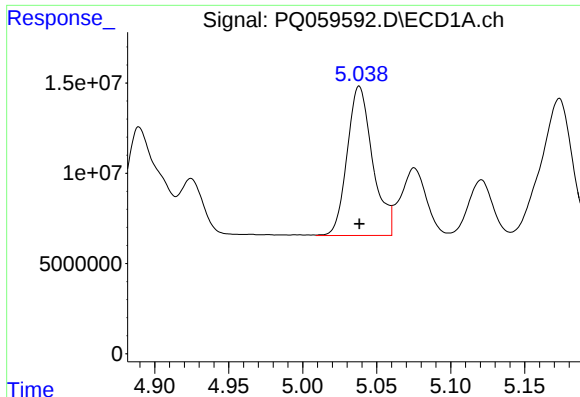
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 76437083
Conc: 214.40 ng/ml



#22 AR-1248-2

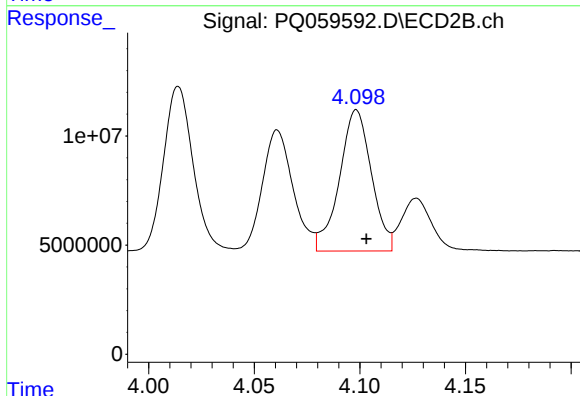
R.T.: 4.061 min
Delta R.T.: -0.004 min
Response: 56139293
Conc: 222.37 ng/ml



#23 AR-1248-3

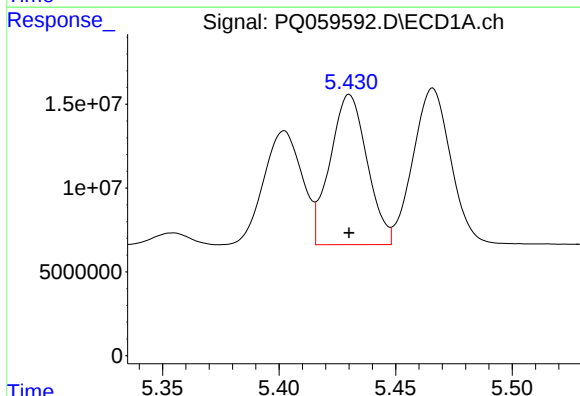
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 99074319
Conc: 230.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



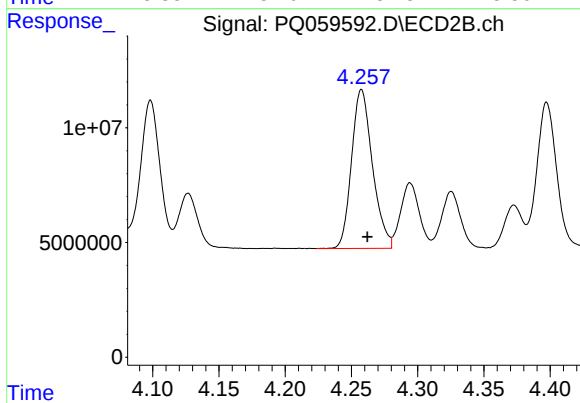
#23 AR-1248-3

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 68341565
Conc: 270.68 ng/ml



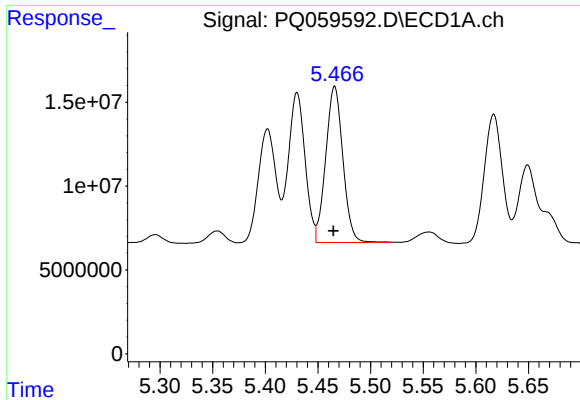
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 99225025
Conc: 213.47 ng/ml



#24 AR-1248-4

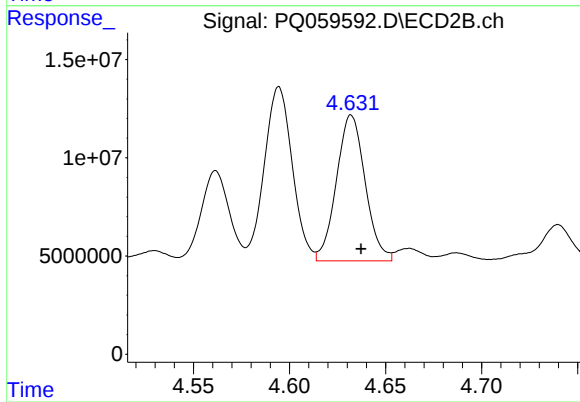
R.T.: 4.258 min
Delta R.T.: -0.004 min
Response: 76183582
Conc: 243.91 ng/ml



#25 AR-1248-5

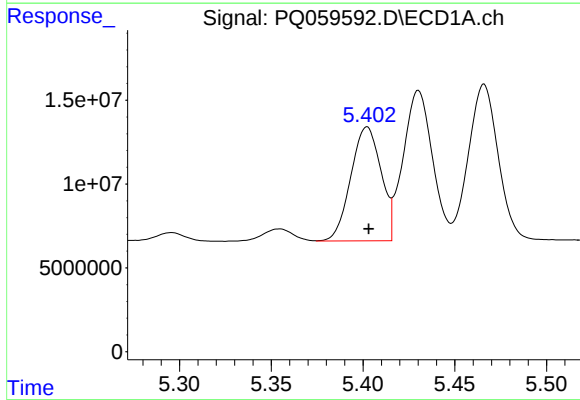
R.T.: 5.466 min
Delta R.T.: 0.001 min
Response: 105651764
Conc: 229.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



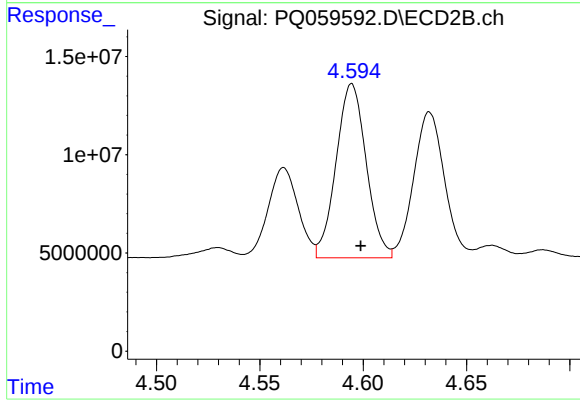
#25 AR-1248-5

R.T.: 4.632 min
Delta R.T.: -0.005 min
Response: 77128030
Conc: 245.47 ng/ml



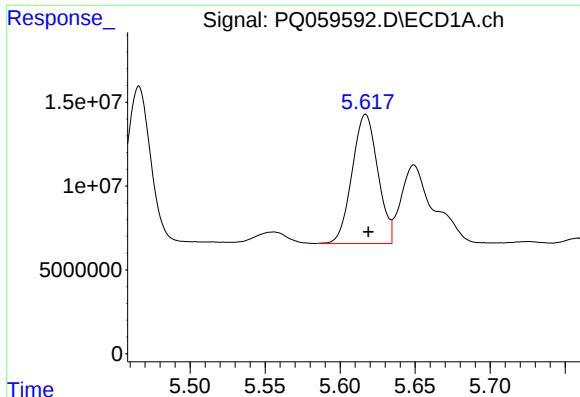
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 78079769
Conc: 162.81 ng/ml



#26 AR-1254-1

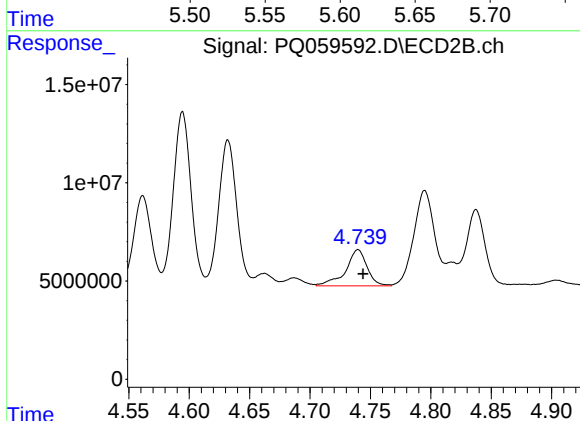
R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 89875751
Conc: 183.84 ng/ml



#27 AR-1254-2

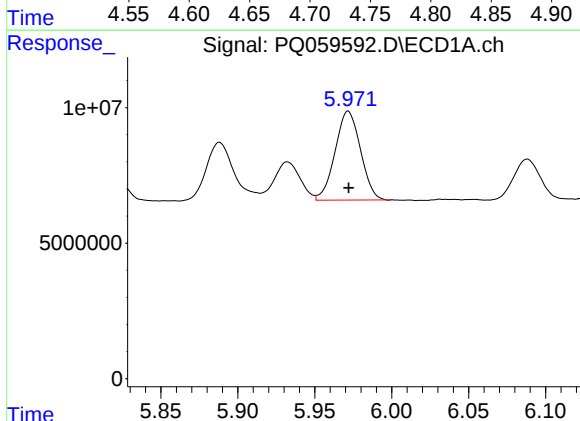
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 92049770
Conc: 123.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



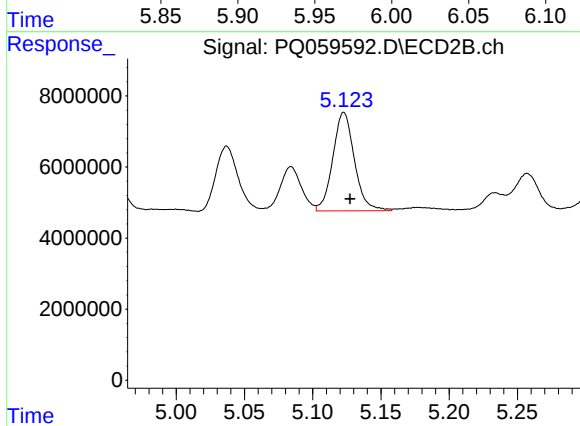
#27 AR-1254-2

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 22677003
Conc: 52.36 ng/ml



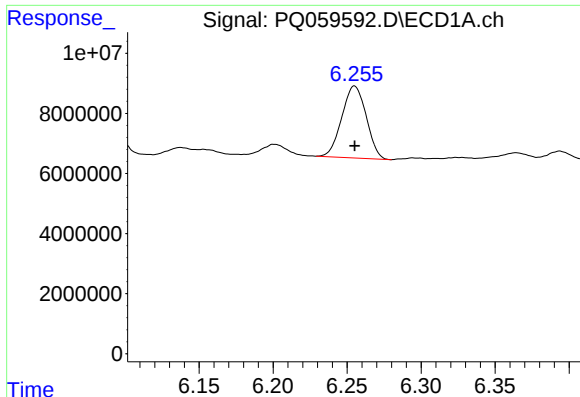
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 37590406
Conc: 48.04 ng/ml



#28 AR-1254-3

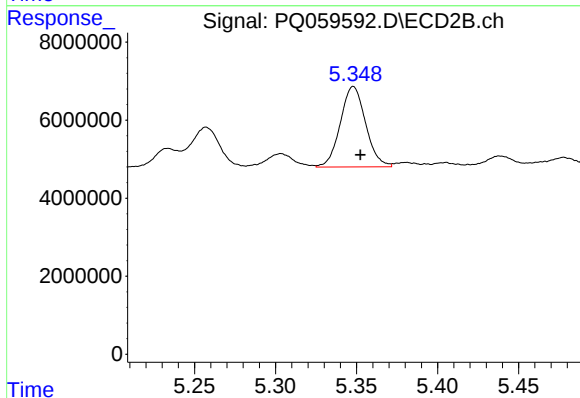
R.T.: 5.123 min
Delta R.T.: -0.005 min
Response: 30540492
Conc: 44.07 ng/ml



#29 AR-1254-4

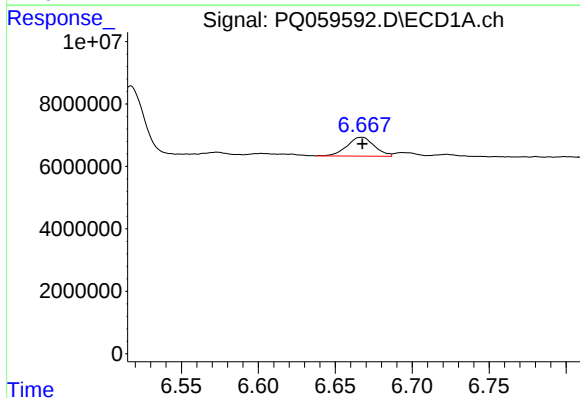
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 27552221
Conc: 50.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



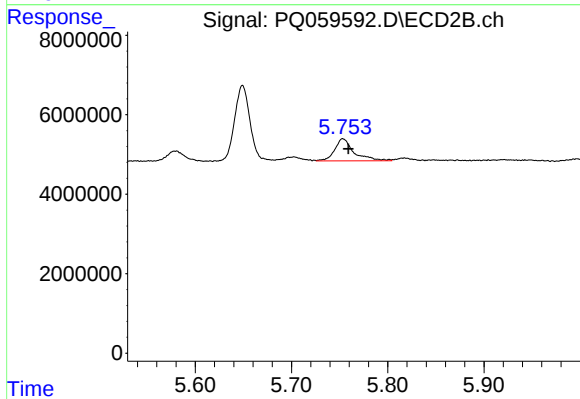
#29 AR-1254-4

R.T.: 5.348 min
Delta R.T.: -0.004 min
Response: 22469803
Conc: 52.19 ng/ml



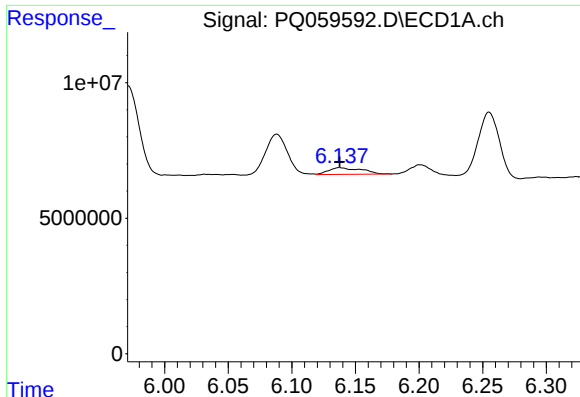
#30 AR-1254-5

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 7411153
Conc: 12.50 ng/ml



#30 AR-1254-5

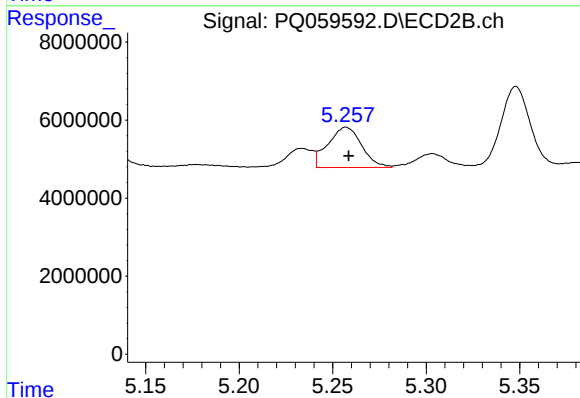
R.T.: 5.754 min
Delta R.T.: -0.006 min
Response: 7816348
Conc: 12.63 ng/ml



#31 AR-1260-1

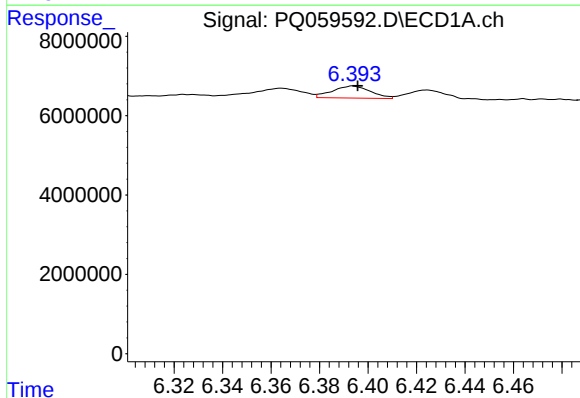
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 4473584
Conc: 8.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



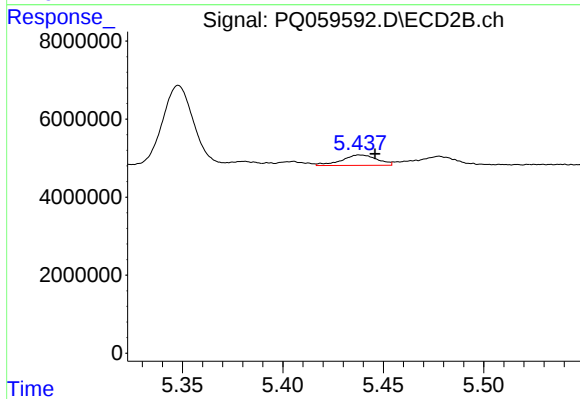
#31 AR-1260-1

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 12970884
Conc: 28.79 ng/ml



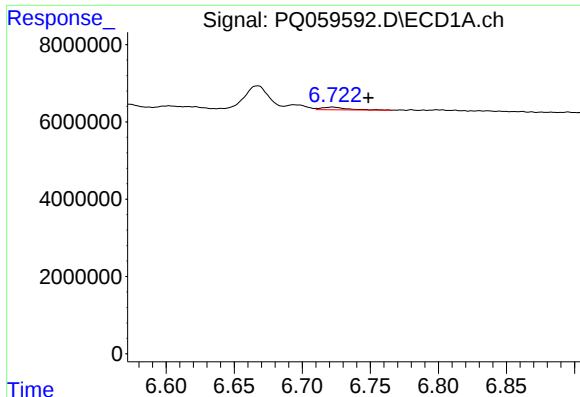
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 3318341
Conc: 5.20 ng/ml



#32 AR-1260-2

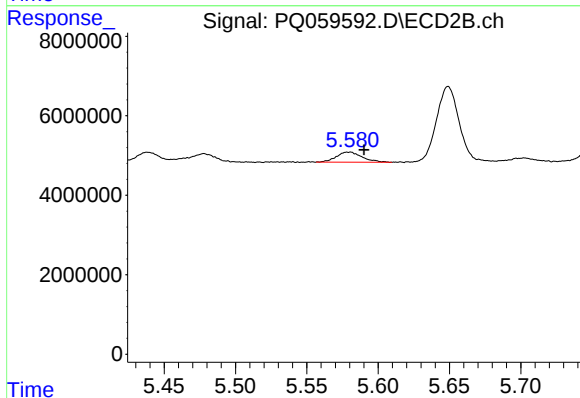
R.T.: 5.438 min
Delta R.T.: -0.007 min
Response: 3312818
Conc: 6.02 ng/ml



#33 AR-1260-3

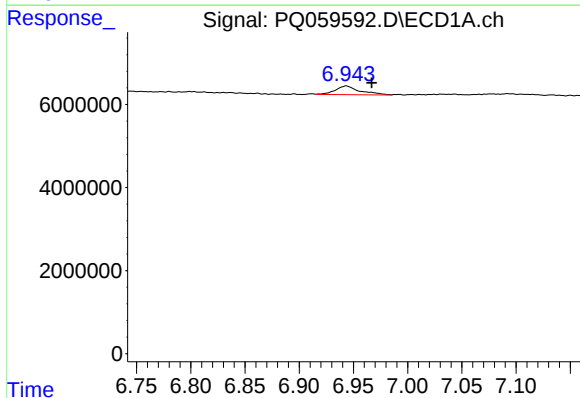
R.T.: 6.722 min
Delta R.T.: -0.026 min
Response: 868436
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



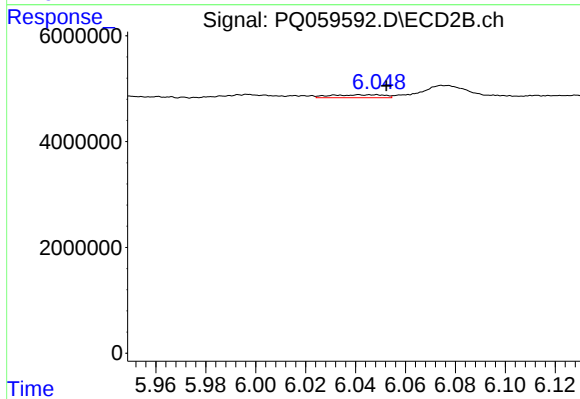
#33 AR-1260-3

R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 3153841
Conc: 6.08 ng/ml



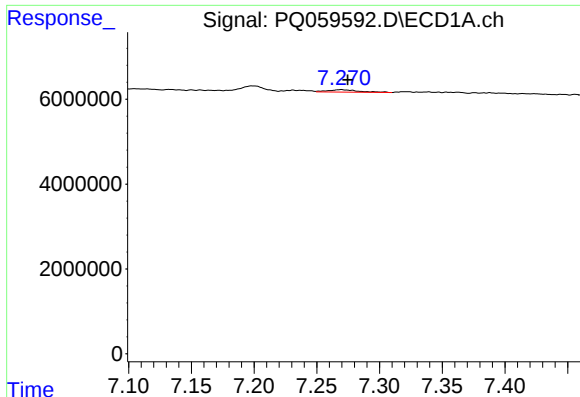
#34 AR-1260-4

R.T.: 6.943 min
Delta R.T.: -0.023 min
Response: 3303244
Conc: 6.85 ng/ml



#34 AR-1260-4

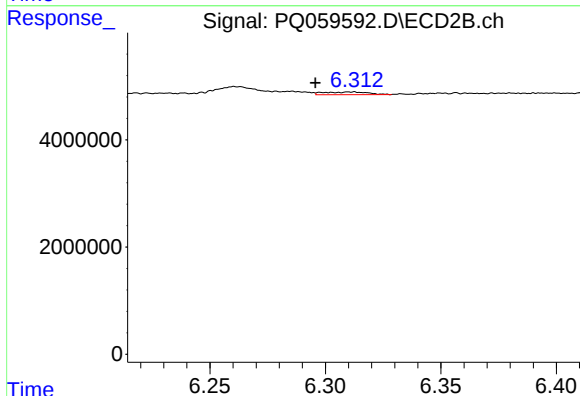
R.T.: 6.042 min
Delta R.T.: -0.011 min
Response: 842371
Conc: 1.91 ng/ml



#35 AR-1260-5

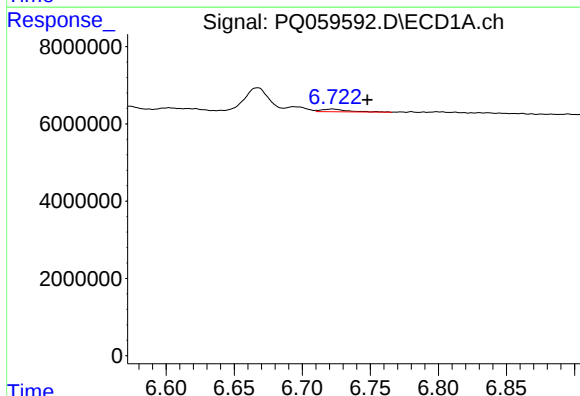
R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 949286
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



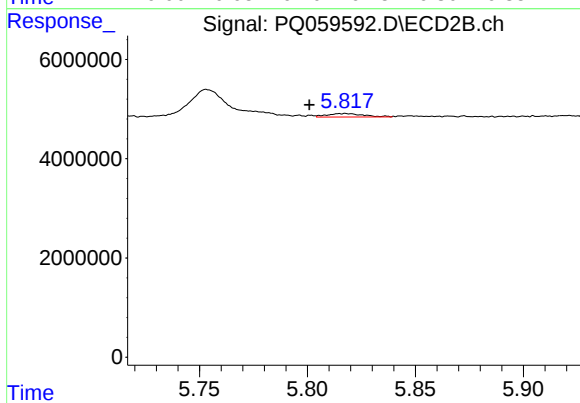
#35 AR-1260-5

R.T.: 6.311 min
Delta R.T.: 0.015 min
Response: 685313
Conc: 0.67 ng/ml



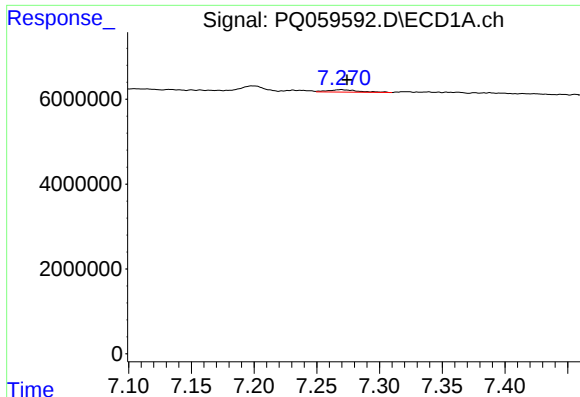
#36 AR-1262-1

R.T.: 6.722 min
Delta R.T.: -0.025 min
Response: 868436
Conc: 1.25 ng/ml



#36 AR-1262-1

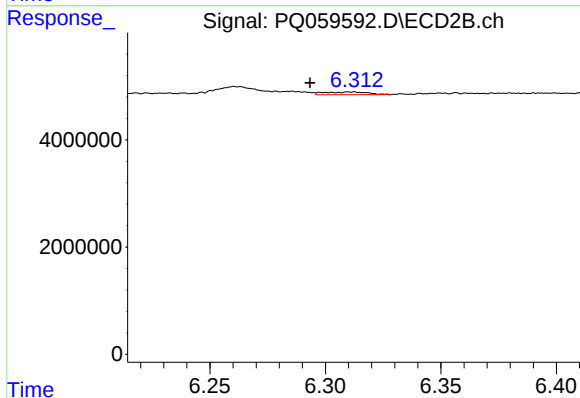
R.T.: 5.817 min
Delta R.T.: 0.017 min
Response: 818795
Conc: 1.28 ng/ml



#37 AR-1262-2

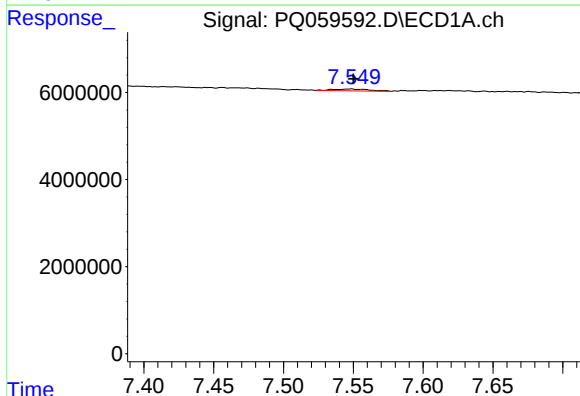
R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 949286
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



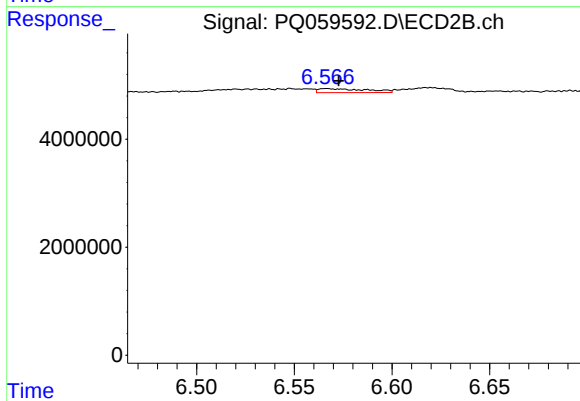
#37 AR-1262-2

R.T.: 6.311 min
Delta R.T.: 0.018 min
Response: 685313
Conc: 0.59 ng/ml



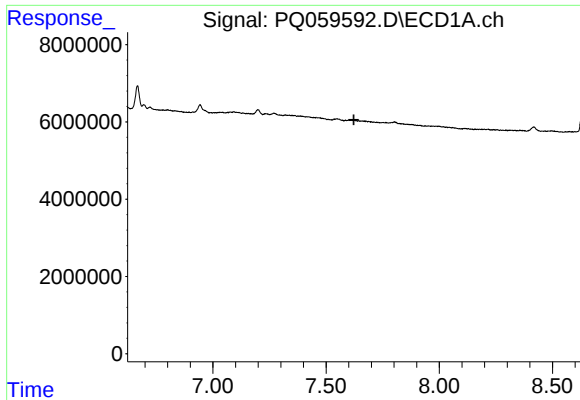
#38 AR-1262-3

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 778603
Conc: 1.17 ng/ml



#38 AR-1262-3

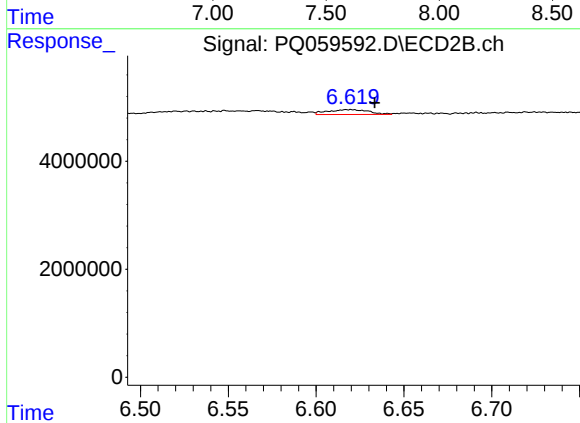
R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 1273123
Conc: 2.76 ng/ml



#39 AR-1262-4

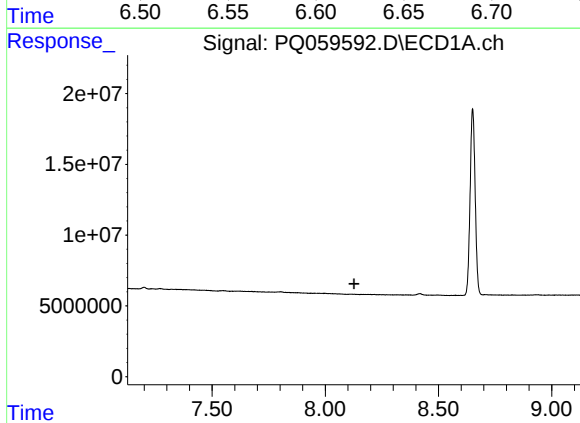
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



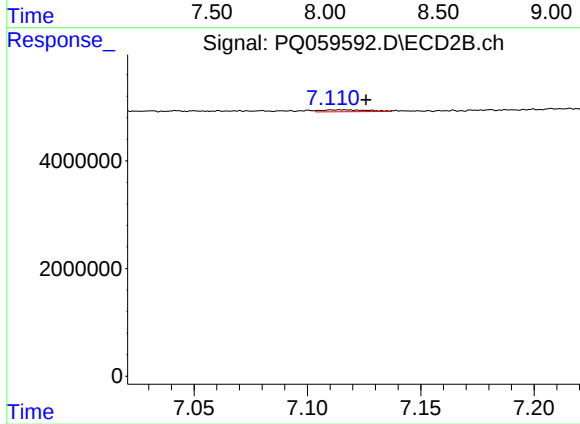
#39 AR-1262-4

R.T.: 6.619 min
Delta R.T.: -0.014 min
Response: 1446765
Conc: 1.65 ng/ml



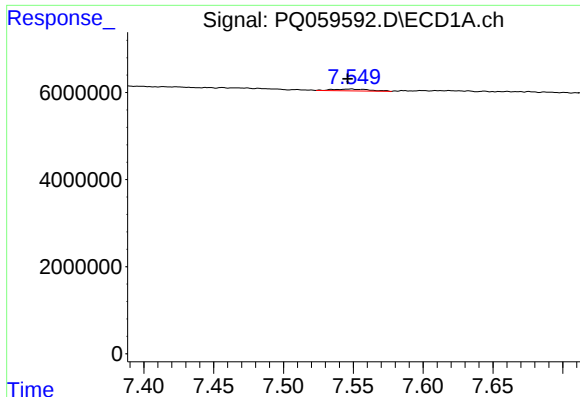
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.



#40 AR-1262-5

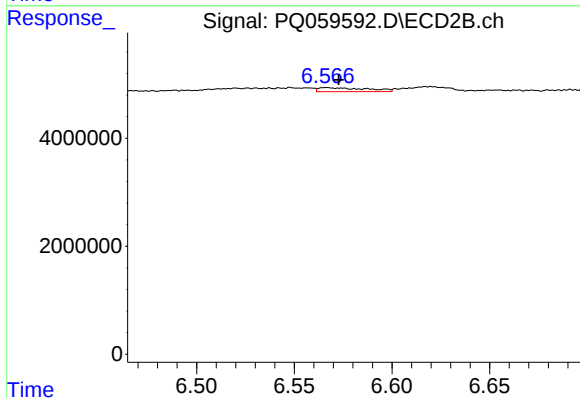
R.T.: 7.116 min
Delta R.T.: -0.010 min
Response: 487329
Conc: 1.23 ng/ml



#41 AR-1268-1

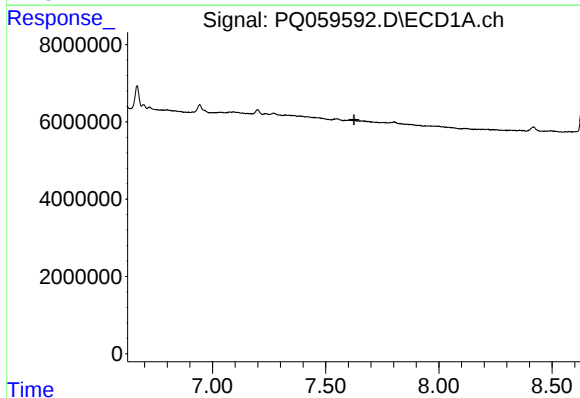
R.T.: 7.549 min
Delta R.T.: 0.003 min
Response: 778603
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



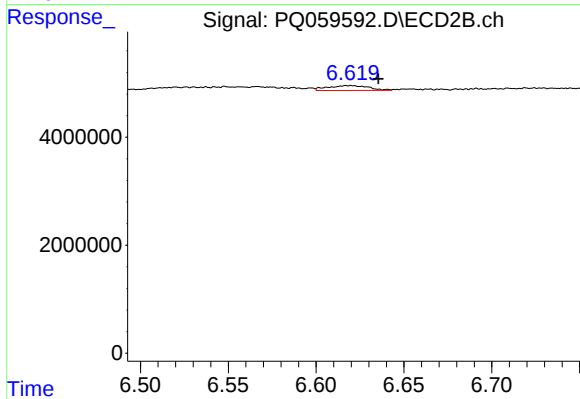
#41 AR-1268-1

R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 1273123
Conc: 0.90 ng/ml



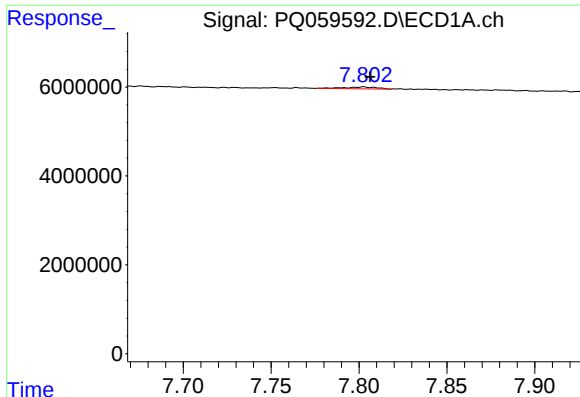
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.625 min
Response: 0
Conc: N.D.



#42 AR-1268-2

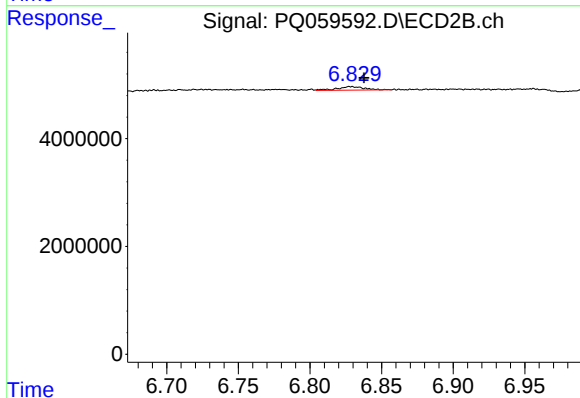
R.T.: 6.619 min
Delta R.T.: -0.016 min
Response: 1446765
Conc: 1.12 ng/ml



#43 AR-1268-3

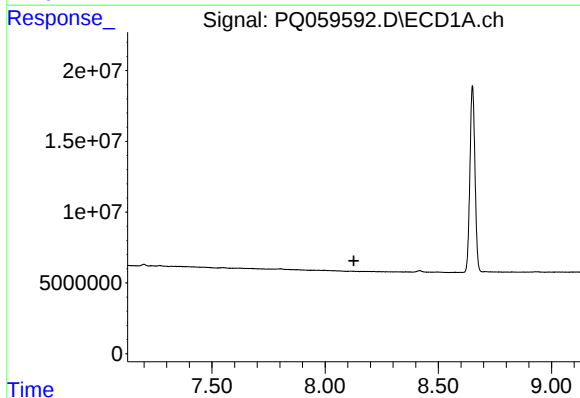
R.T.: 7.803 min
Delta R.T.: -0.004 min
Response: 539745
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



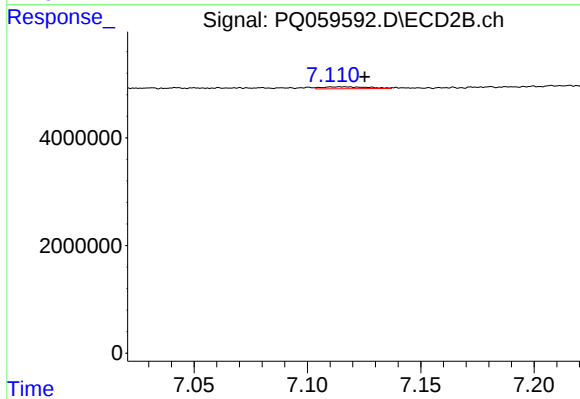
#43 AR-1268-3

R.T.: 6.828 min
Delta R.T.: -0.010 min
Response: 860985
Conc: 0.78 ng/ml



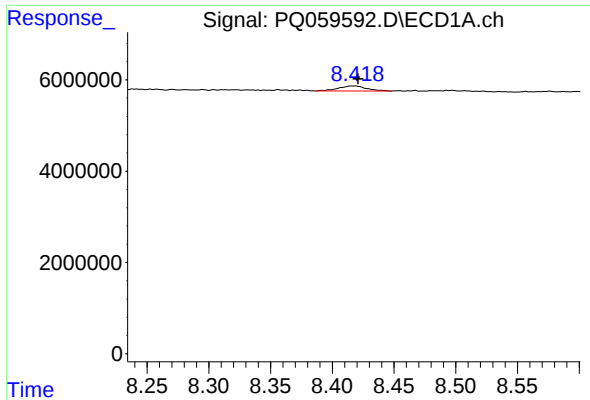
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

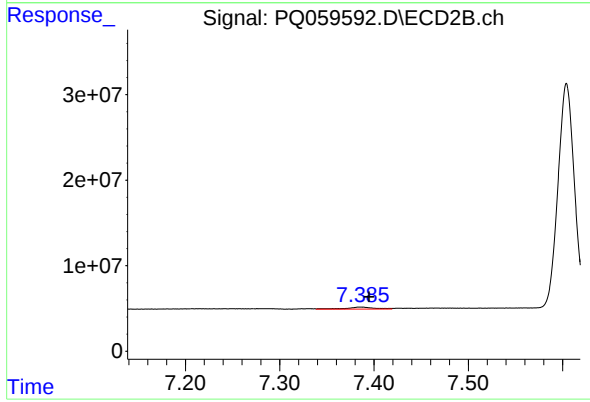
R.T.: 7.116 min
Delta R.T.: -0.009 min
Response: 487329
Conc: 1.08 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 1789004
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 4478935
Conc: 1.25 ng/ml