

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062923\
 Data File : PQ061760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2023 19:29
 Operator : YP\AJ
 Sample : 03471-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:51:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 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...	3.405	2.761	26893007	16583095	5.983	6.210
2) SA Decachlor...	8.586	7.534	25056851	21333015	7.438	6.356
Target Compounds						
4) L1 AR-1016-2	4.526	3.780	570328	1171811	2.500	7.865 #
5) L1 AR-1016-3	4.584	3.940	1253261	401515	8.819	5.081 #
6) L1 AR-1016-4	4.674	3.991	1266733	2814503	11.002	39.637 #
7) L1 AR-1016-5	4.963	4.183	3531081	2145730	30.553	25.063
8) L2 AR-1221-1	3.611	2.968	282779	119714	5.040	3.362 #
9) L2 AR-1221-2	3.683	3.025	1192584	597031	28.260	21.677
10) L2 AR-1221-3	3.773	3.109	2295918	381086	17.515	4.497 #
11) L3 AR-1232-1	3.773	3.109	2295918	381086	24.019	6.188 #
12) L3 AR-1232-2	4.253	3.780	3065704	1171811	55.805	17.008 #
13) L3 AR-1232-3	4.526	3.940	570328	401515	5.460	11.104 #
14) L3 AR-1232-4	4.674	4.025	1266733	1218913	23.875	37.818 #
15) L3 AR-1232-5	4.772	4.183	3179164	2145730	84.300	55.989 #
17) L4 AR-1242-2	4.526	3.780	570328	1171811	3.359	10.574 #
18) L4 AR-1242-3	4.584	3.940	1253261	401515	11.715	6.784 #
19) L4 AR-1242-4	4.674	4.025	1266733	1218913	14.595	20.354 #
20) L4 AR-1242-5	5.391	4.521	7939987	11958956	89.527	149.356 #
22) L5 AR-1248-2	4.772	3.991	3179164	2814503	25.008	29.119
23) L5 AR-1248-3	4.963	4.025	3531081	1218913	22.923	13.334 #
24) L5 AR-1248-4	5.356	4.183	8866136	2145730	52.231	18.950 #
25) L5 AR-1248-5	5.391	4.559	7939987	4566782	48.465	41.465
26) L6 AR-1254-1	5.328	4.521	9160779	11958956	53.634	72.723 #
27) L6 AR-1254-2	5.546	4.668	23187918	11173766	86.721	74.291
28) L6 AR-1254-3	5.900	5.049	31315543	25295712	112.064	108.706
29) L6 AR-1254-4	6.185	5.277	38355312	27613924	187.387	192.203
30) L6 AR-1254-5	6.599	5.683	53699527	48358000	227.653	211.994
31) L7 AR-1260-1	6.066	5.180	14654817	16784194	65.961	97.577 #
32) L7 AR-1260-2	6.326	5.370	28114701	21916571	105.677	105.758
33) L7 AR-1260-3	6.680	5.507	3511920	15497864	20.886	78.030 #
34) L7 AR-1260-4	6.897	5.998f	7928514	37213396	39.505	252.971 #
35) L7 AR-1260-5	7.208	6.220	19746300	15576912	51.883	47.972
36) L8 AR-1262-1	6.680	5.725	3511920	3025908	11.730	12.486
37) L8 AR-1262-2	7.208	6.220	19746300	15576912	39.165	35.641
38) L8 AR-1262-3	7.487	6.499	11002640	5862625	32.557	32.531
39) L8 AR-1262-4	7.531	6.560	1573073	34408655	6.125	103.757 #
40) L8 AR-1262-5	8.020f	7.051	9555140	3039776	56.105	18.949 #
41) L9 AR-1268-1	7.487	6.499	11002640	5862625	19.977	11.933 #
42) L9 AR-1268-2	7.581	6.560	5319117	34408655	10.795	77.342 #
43) L9 AR-1268-3	7.732	6.724f	-1203990	26436794	N.D.	67.530 #
44) L9 AR-1268-4	8.020f	7.051	9555140	3039776	53.981	18.107 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Jun 29 20:51:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

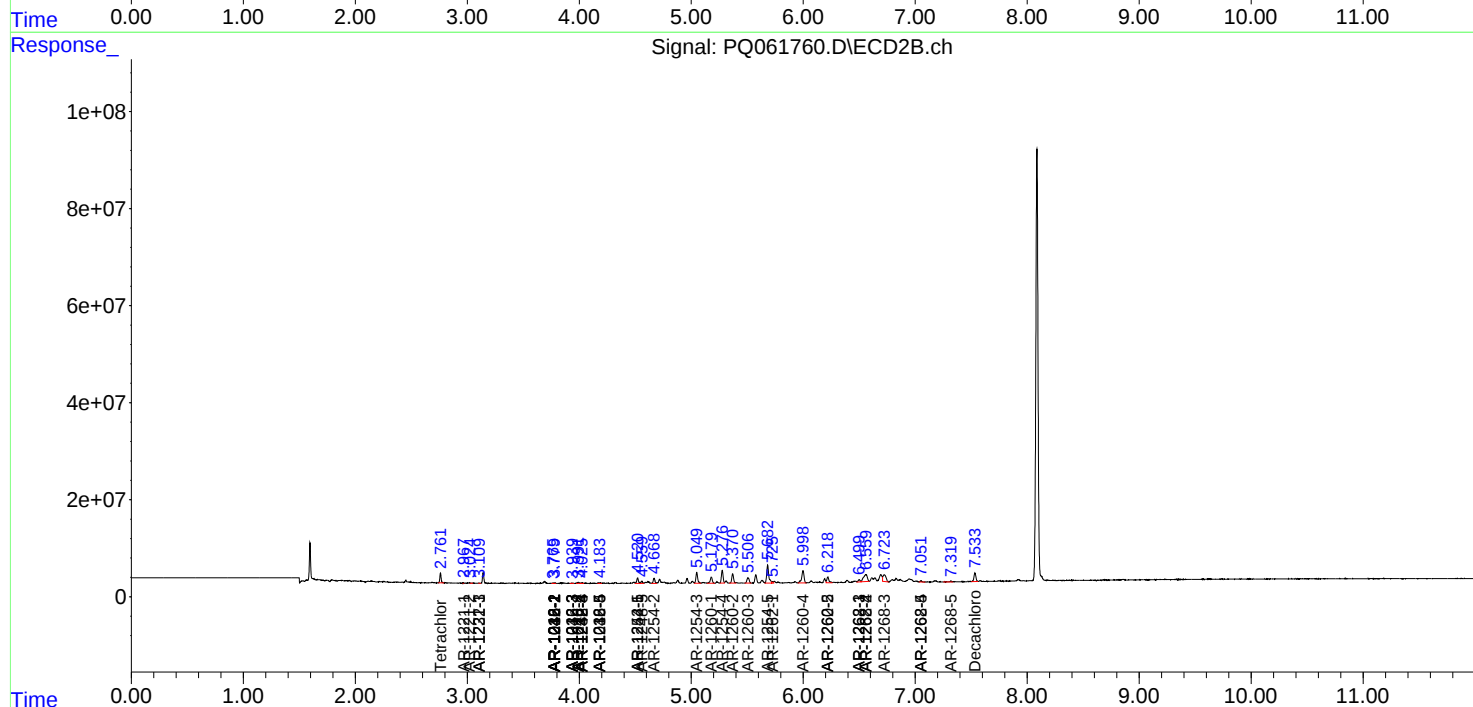
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

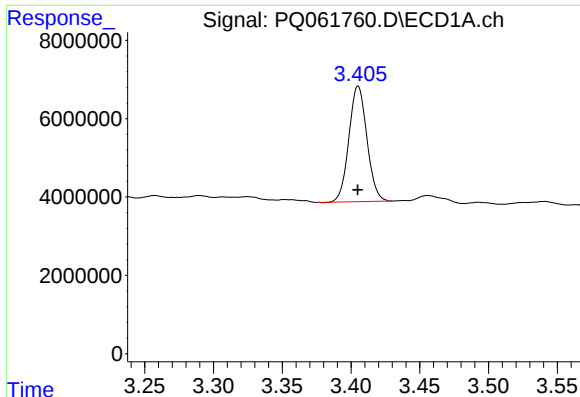
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.353	7.319	114539	1933149	0.096	1.559 #

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

Instrument :
ECD_Q
ClientSampleId :

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

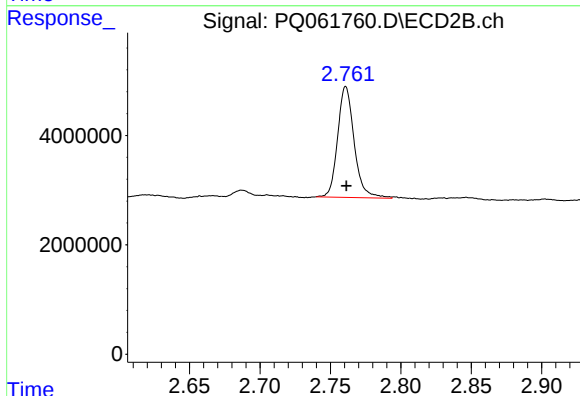




#1 Tetrachloro-m-xylene

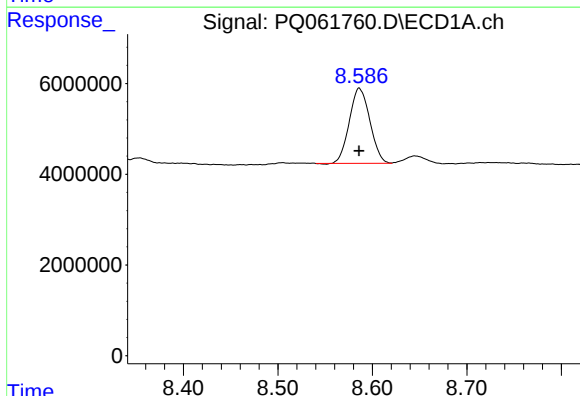
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 26893007
Conc: 5.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



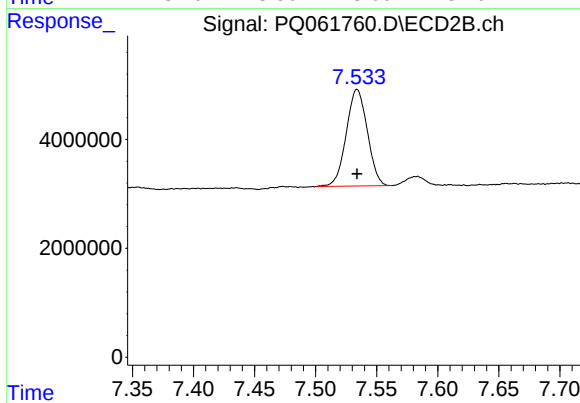
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 16583095
Conc: 6.21 ng/ml



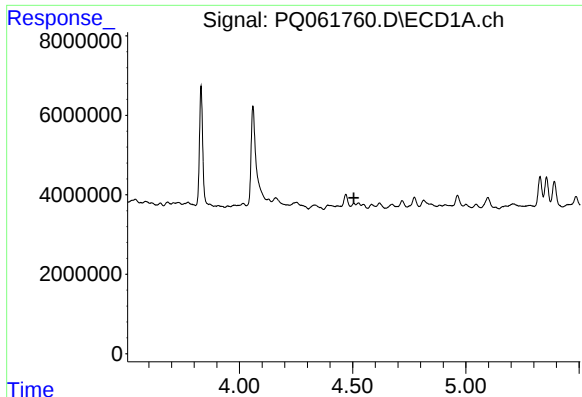
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 25056851
Conc: 7.44 ng/ml



#2 Decachlorobiphenyl

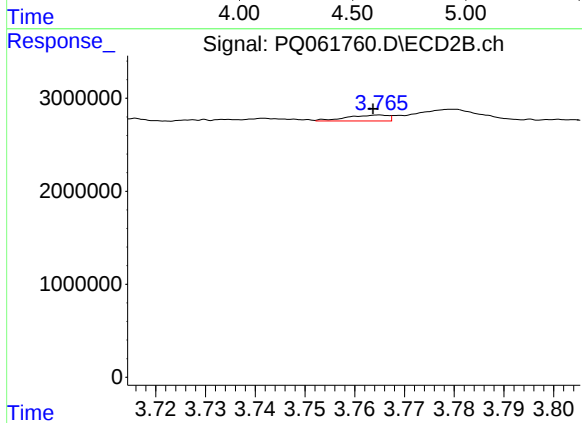
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 21333015
Conc: 6.36 ng/ml



#3 AR-1016-1

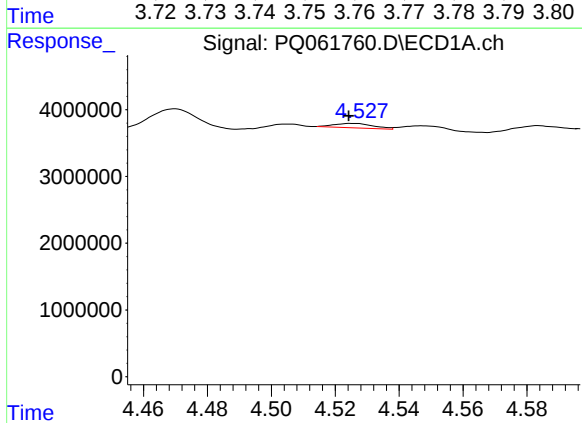
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1242560
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



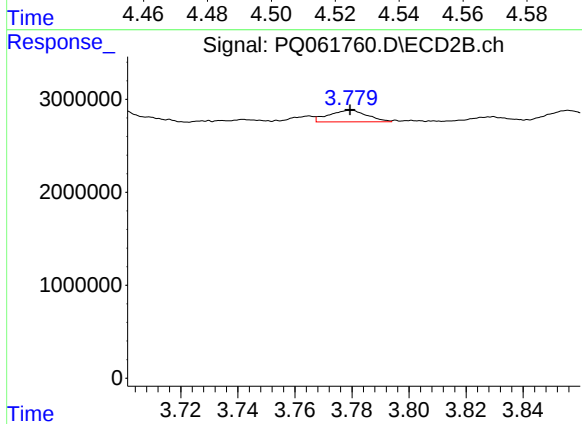
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: 0.001 min
Response: 363506
Conc: 3.52 ng/ml



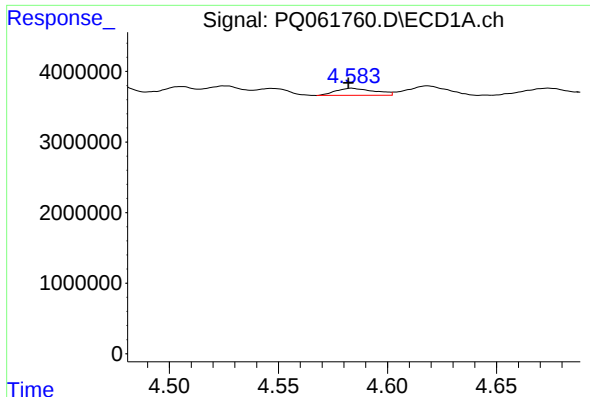
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 570328
Conc: 2.50 ng/ml



#4 AR-1016-2

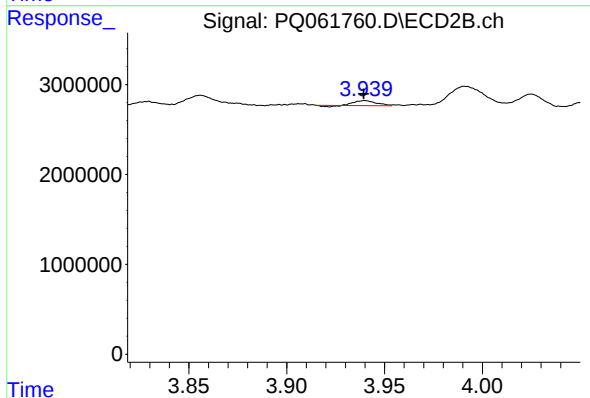
R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 1171811
Conc: 7.87 ng/ml



#5 AR-1016-3

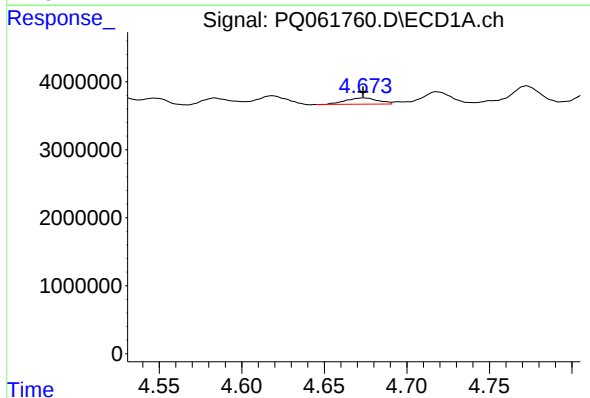
R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 1253261
Conc: 8.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



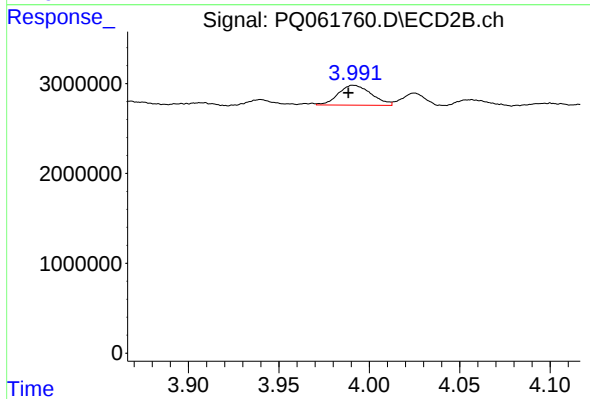
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 401515
Conc: 5.08 ng/ml



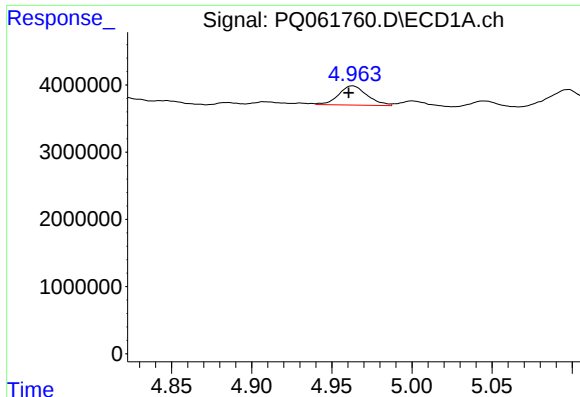
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 1266733
Conc: 11.00 ng/ml



#6 AR-1016-4

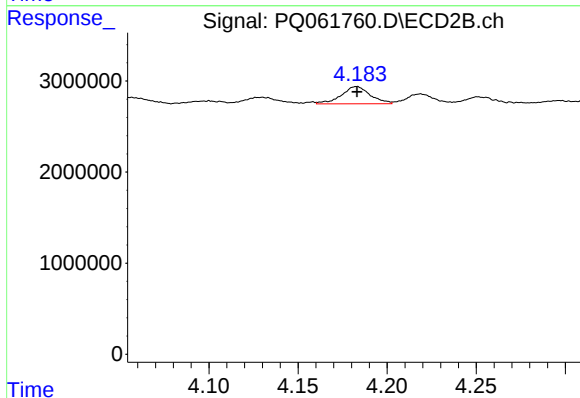
R.T.: 3.991 min
Delta R.T.: 0.002 min
Response: 2814503
Conc: 39.64 ng/ml



#7 AR-1016-5

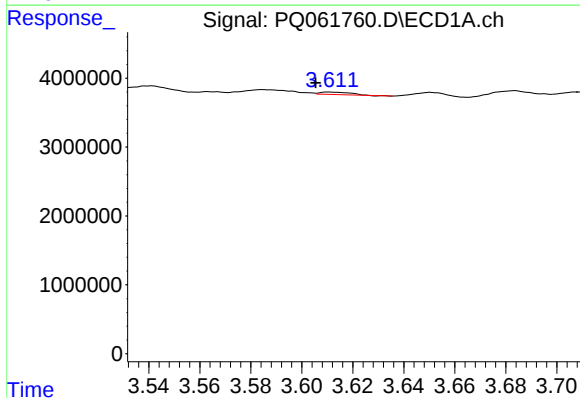
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 3531081
Conc: 30.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



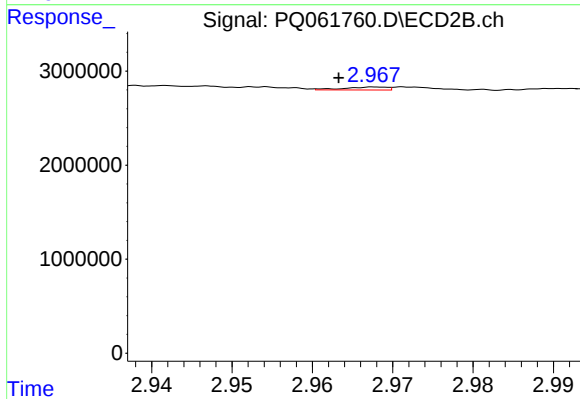
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 2145730
Conc: 25.06 ng/ml



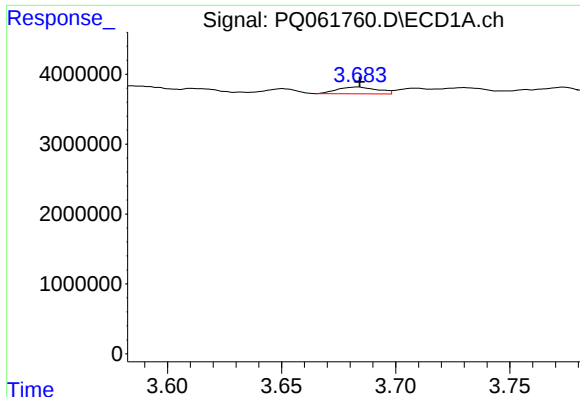
#8 AR-1221-1

R.T.: 3.611 min
Delta R.T.: 0.005 min
Response: 282779
Conc: 5.04 ng/ml



#8 AR-1221-1

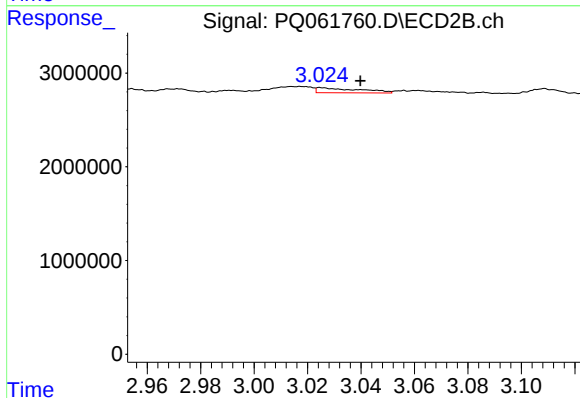
R.T.: 2.968 min
Delta R.T.: 0.005 min
Response: 119714
Conc: 3.36 ng/ml



#9 AR-1221-2

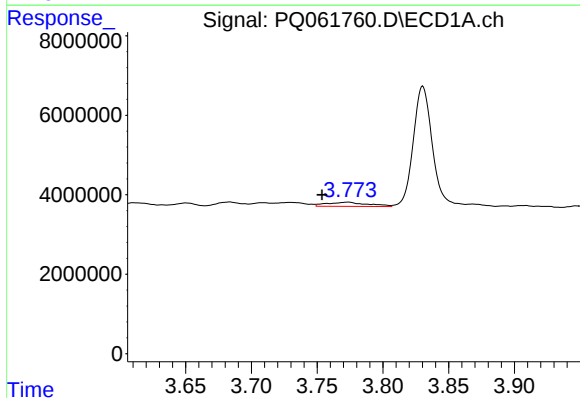
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 1192584
Conc: 28.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



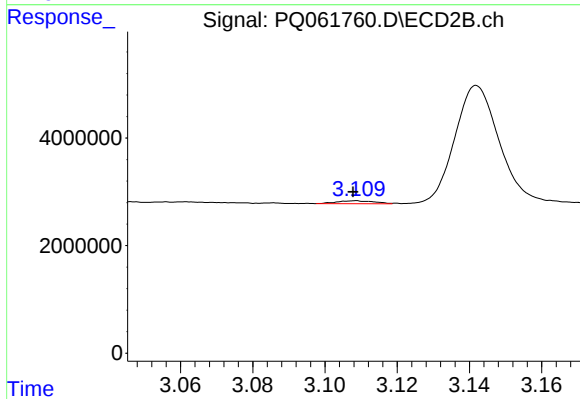
#9 AR-1221-2

R.T.: 3.025 min
Delta R.T.: -0.015 min
Response: 597031
Conc: 21.68 ng/ml



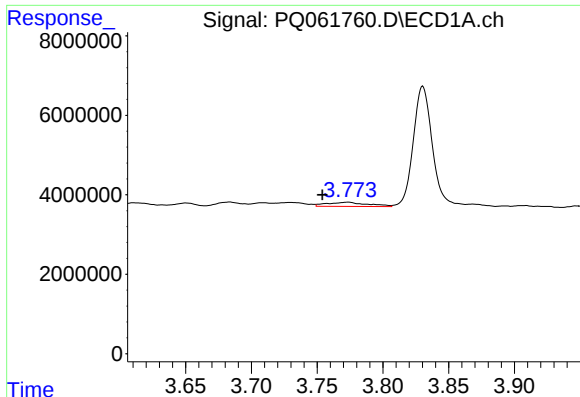
#10 AR-1221-3

R.T.: 3.773 min
Delta R.T.: 0.020 min
Response: 2295918
Conc: 17.52 ng/ml



#10 AR-1221-3

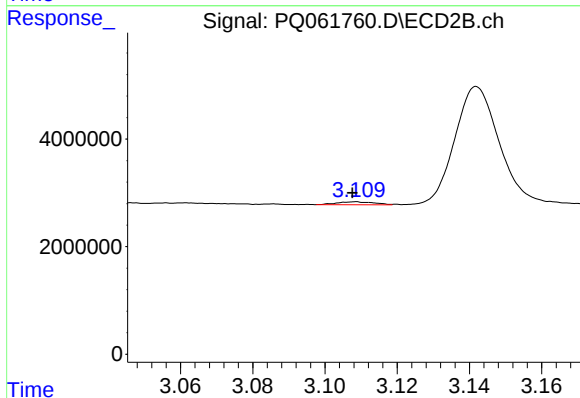
R.T.: 3.109 min
Delta R.T.: 0.001 min
Response: 381086
Conc: 4.50 ng/ml



#11 AR-1232-1

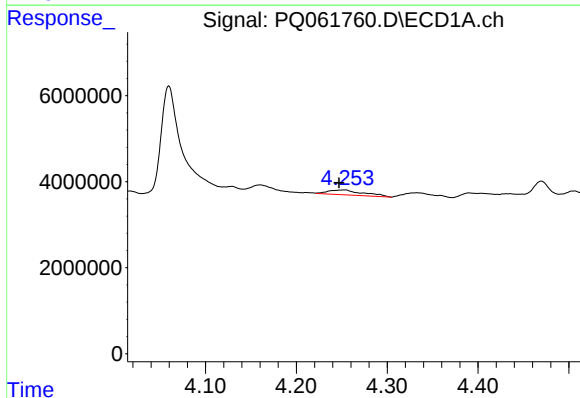
R.T.: 3.773 min
Delta R.T.: 0.020 min
Response: 2295918
Conc: 24.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



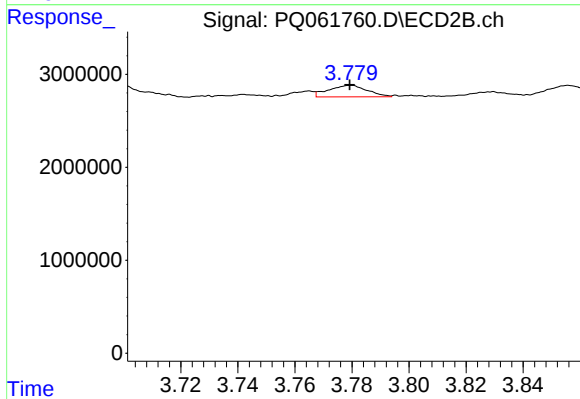
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.001 min
Response: 381086
Conc: 6.19 ng/ml



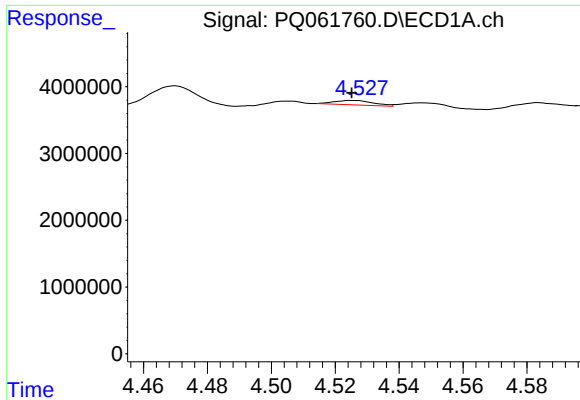
#12 AR-1232-2

R.T.: 4.253 min
Delta R.T.: 0.006 min
Response: 3065704
Conc: 55.81 ng/ml



#12 AR-1232-2

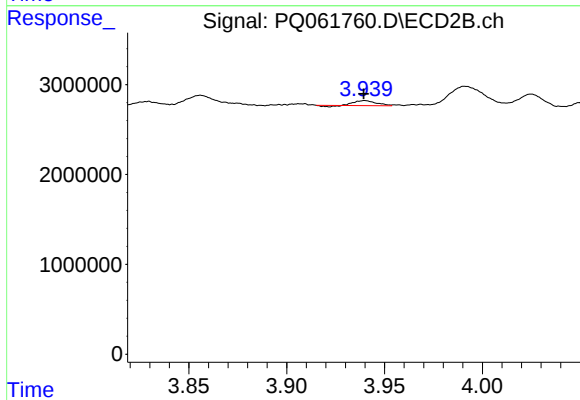
R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 1171811
Conc: 17.01 ng/ml



#13 AR-1232-3

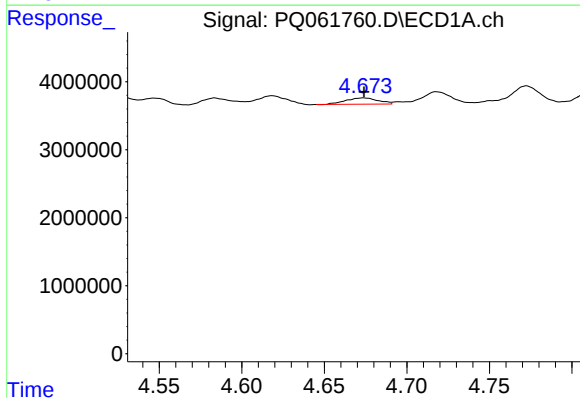
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 570328
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



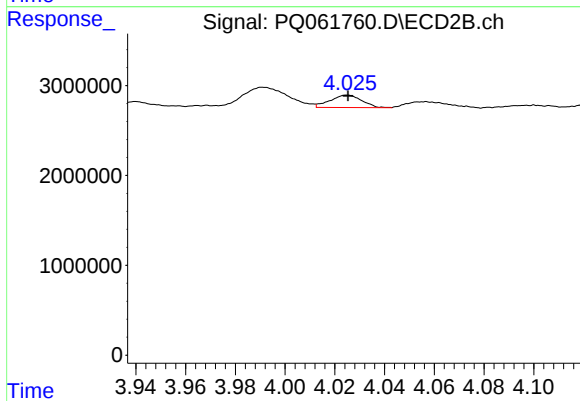
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 401515
Conc: 11.10 ng/ml



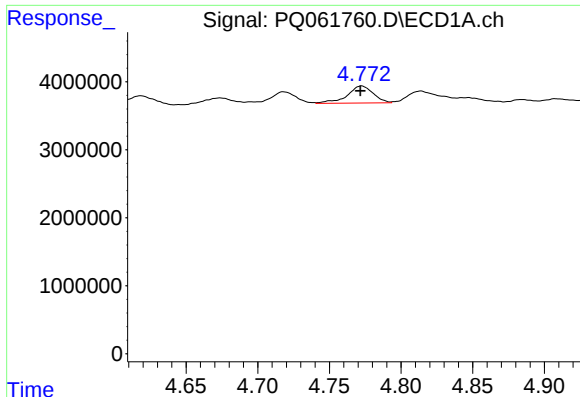
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 1266733
Conc: 23.87 ng/ml



#14 AR-1232-4

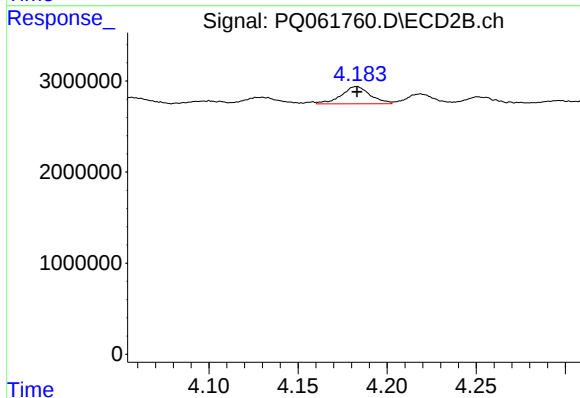
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1218913
Conc: 37.82 ng/ml



#15 AR-1232-5

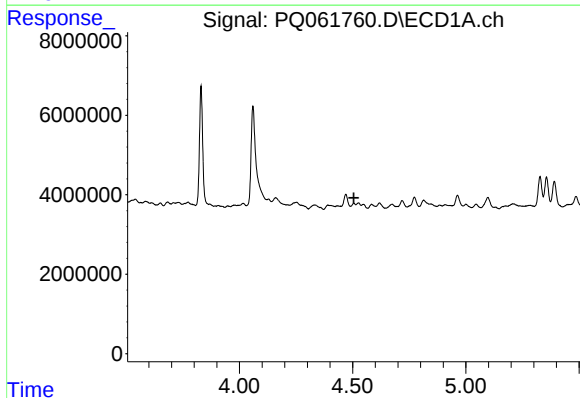
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 3179164
Conc: 84.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



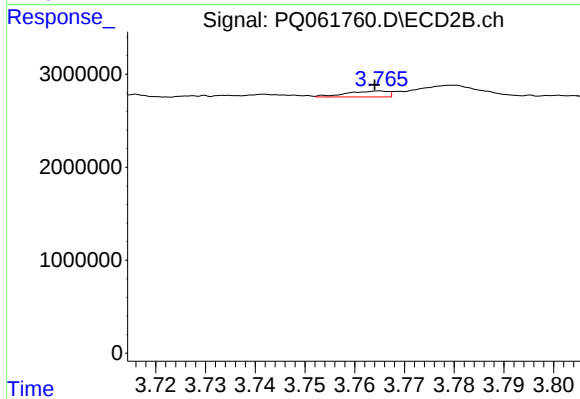
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 2145730
Conc: 55.99 ng/ml



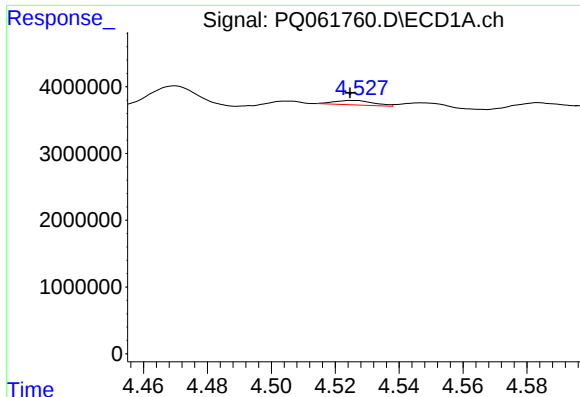
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1242560
Conc: N.D.



#16 AR-1242-1

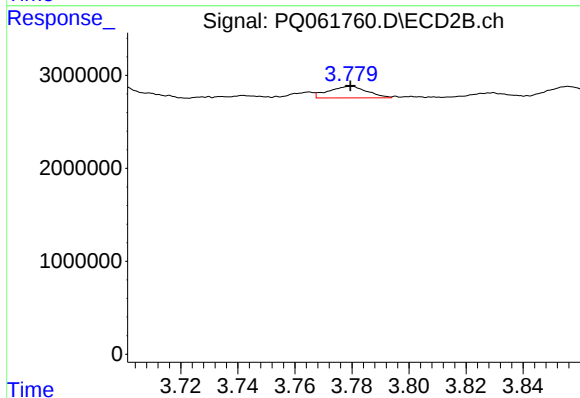
R.T.: 3.765 min
Delta R.T.: 0.001 min
Response: 363506
Conc: 4.75 ng/ml



#17 AR-1242-2

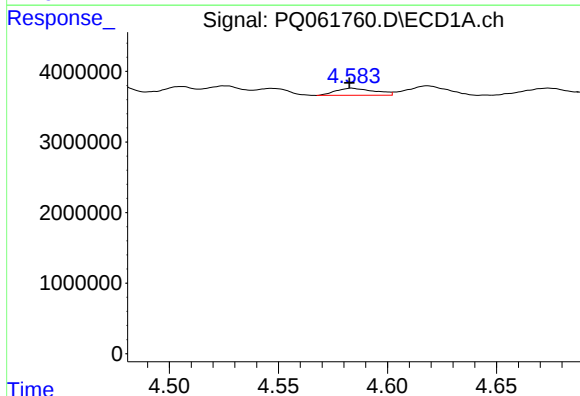
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 570328
Conc: 3.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



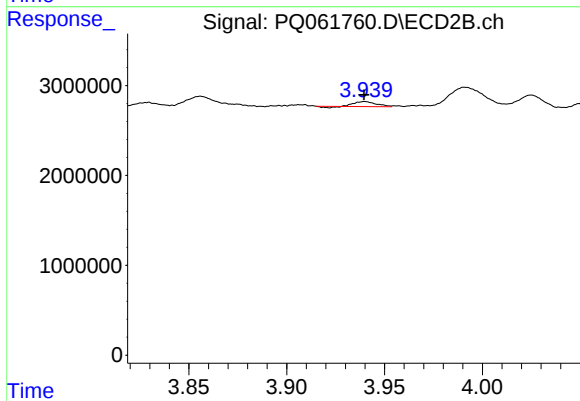
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 1171811
Conc: 10.57 ng/ml



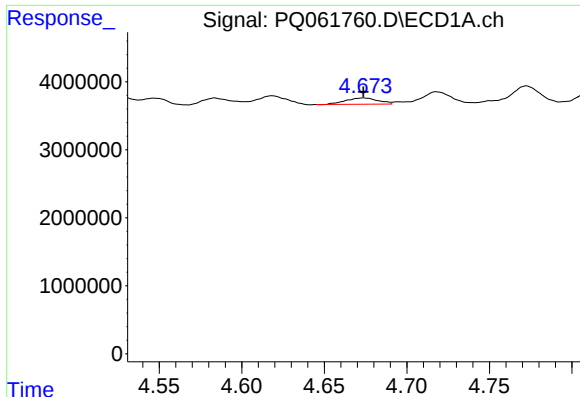
#18 AR-1242-3

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 1253261
Conc: 11.71 ng/ml



#18 AR-1242-3

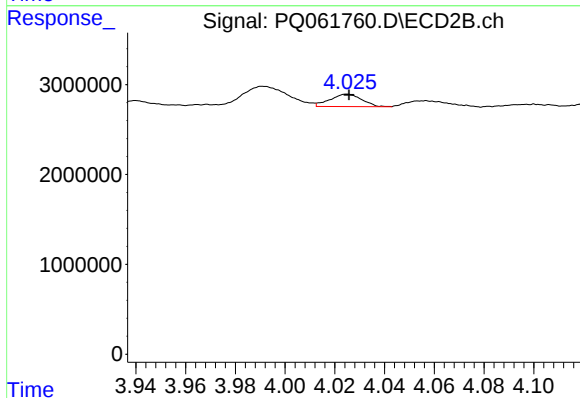
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 401515
Conc: 6.78 ng/ml



#19 AR-1242-4

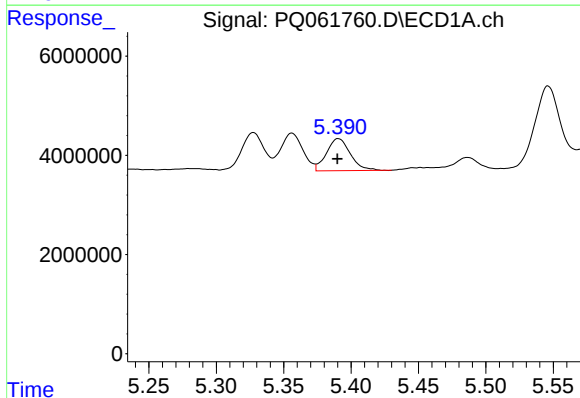
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 1266733
Conc: 14.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



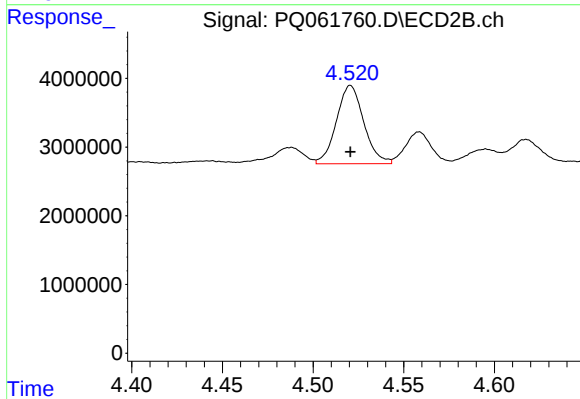
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1218913
Conc: 20.35 ng/ml



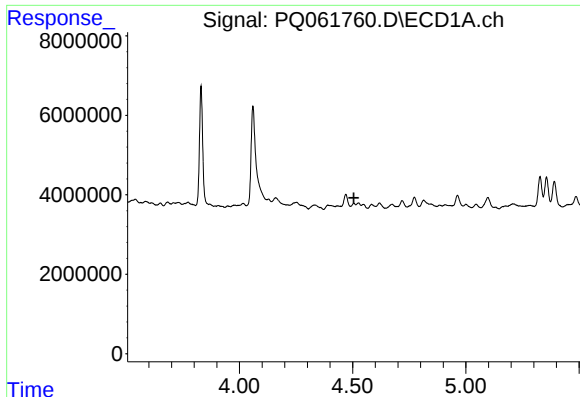
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 7939987
Conc: 89.53 ng/ml



#20 AR-1242-5

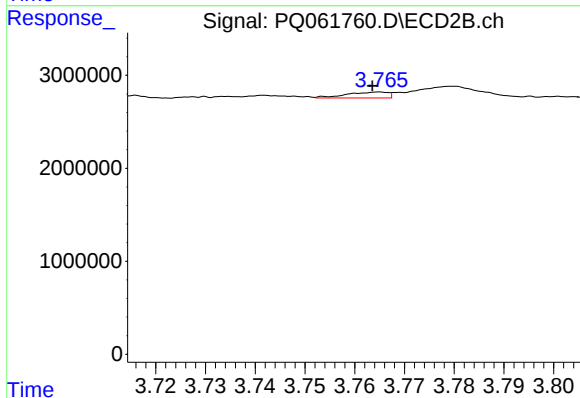
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 11958956
Conc: 149.36 ng/ml



#21 AR-1248-1

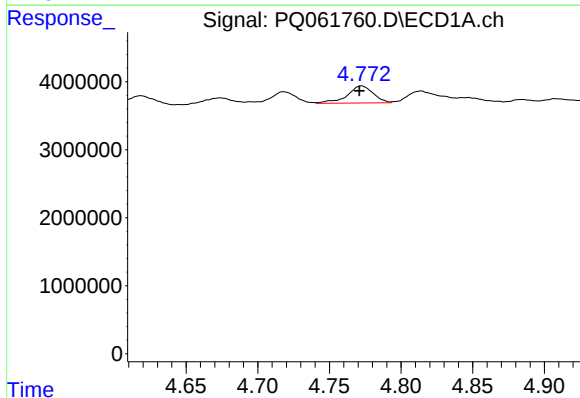
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1242560
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



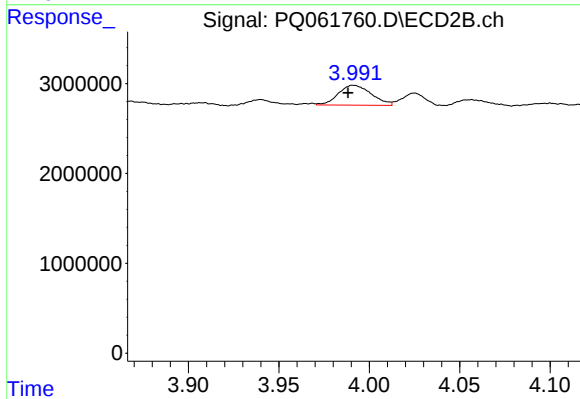
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: 0.002 min
Response: 363506
Conc: 5.84 ng/ml



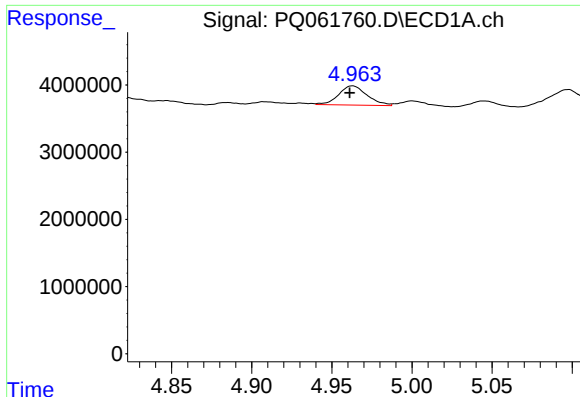
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.001 min
Response: 3179164
Conc: 25.01 ng/ml



#22 AR-1248-2

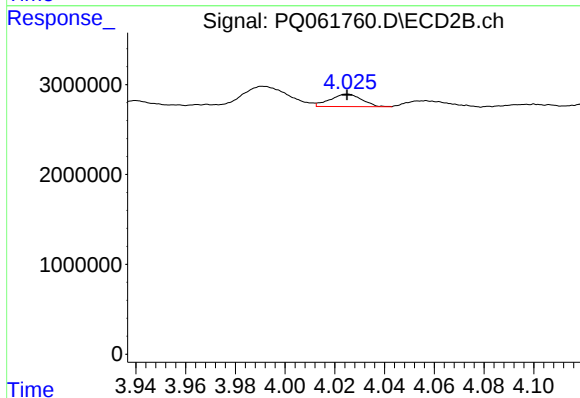
R.T.: 3.991 min
Delta R.T.: 0.003 min
Response: 2814503
Conc: 29.12 ng/ml



#23 AR-1248-3

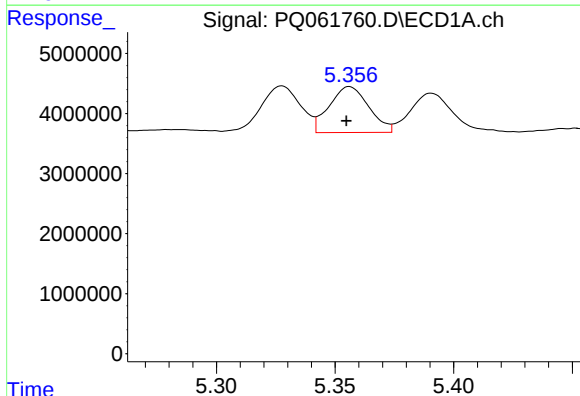
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 3531081
Conc: 22.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



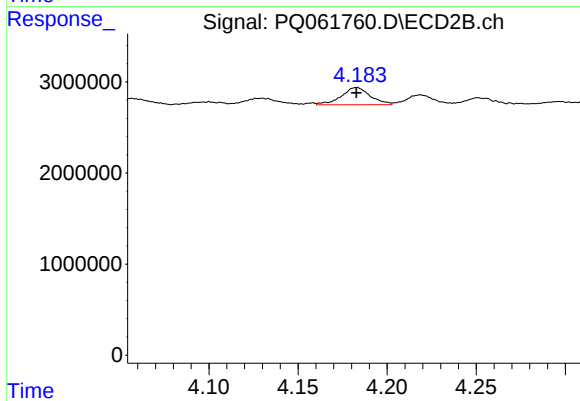
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1218913
Conc: 13.33 ng/ml



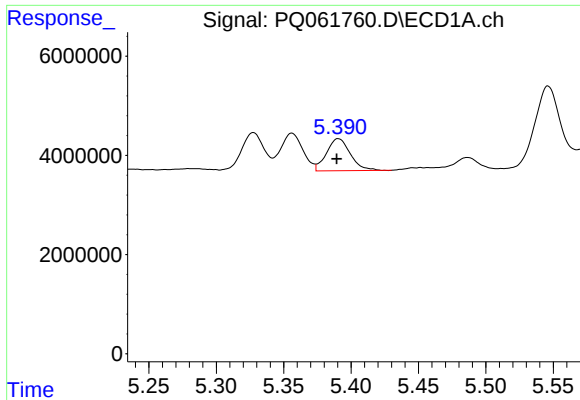
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.001 min
Response: 8866136
Conc: 52.23 ng/ml



#24 AR-1248-4

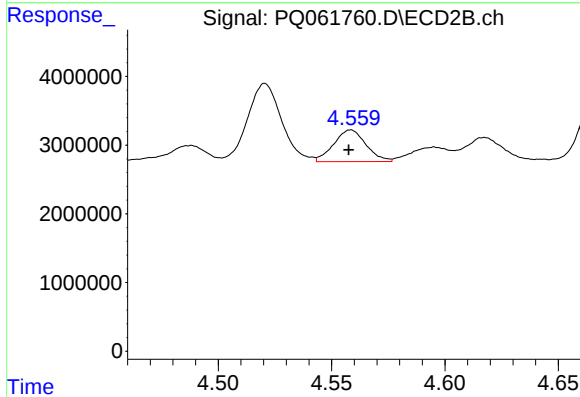
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 2145730
Conc: 18.95 ng/ml



#25 AR-1248-5

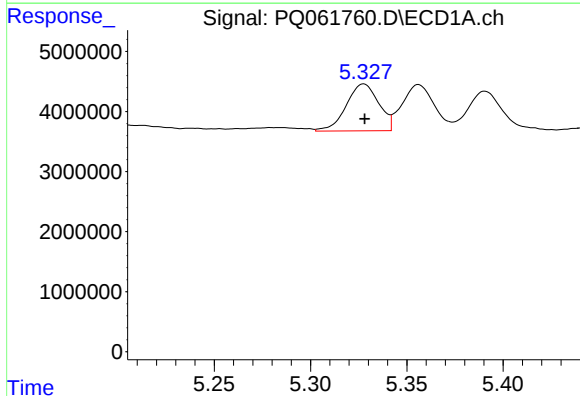
R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 7939987
Conc: 48.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



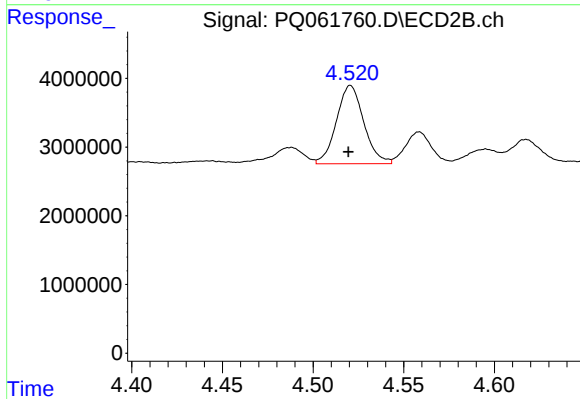
#25 AR-1248-5

R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 4566782
Conc: 41.47 ng/ml



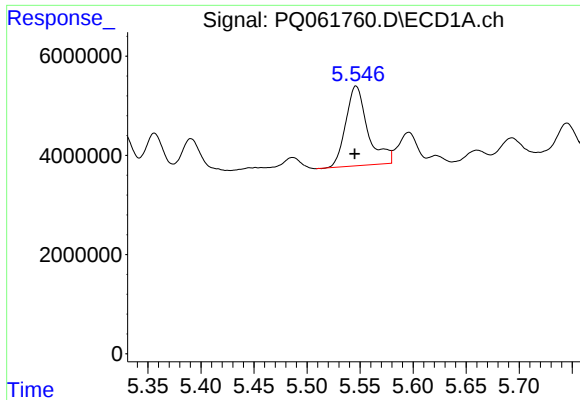
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 9160779
Conc: 53.63 ng/ml



#26 AR-1254-1

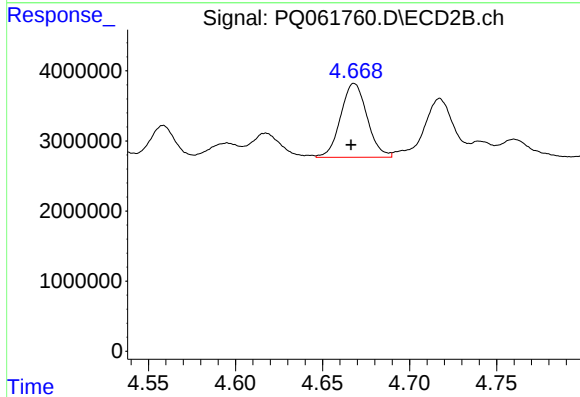
R.T.: 4.521 min
Delta R.T.: 0.001 min
Response: 11958956
Conc: 72.72 ng/ml



#27 AR-1254-2

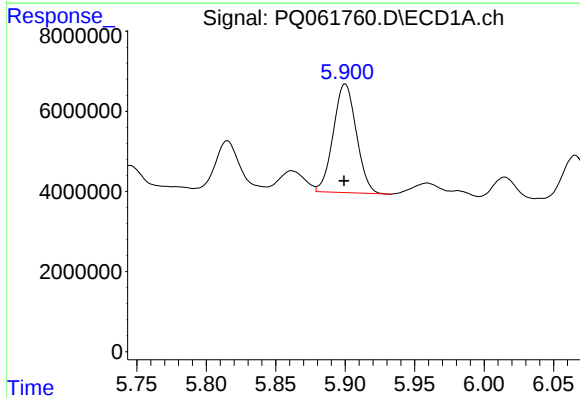
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 23187918
Conc: 86.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



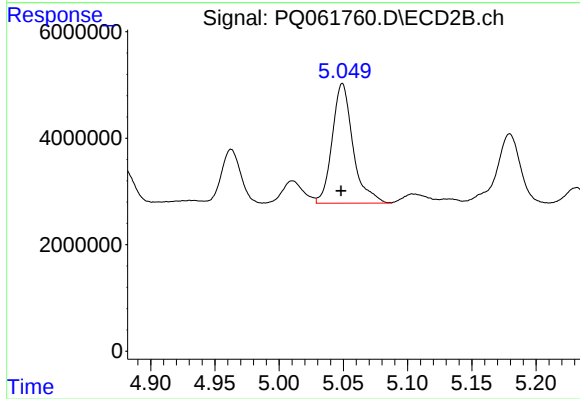
#27 AR-1254-2

R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 11173766
Conc: 74.29 ng/ml



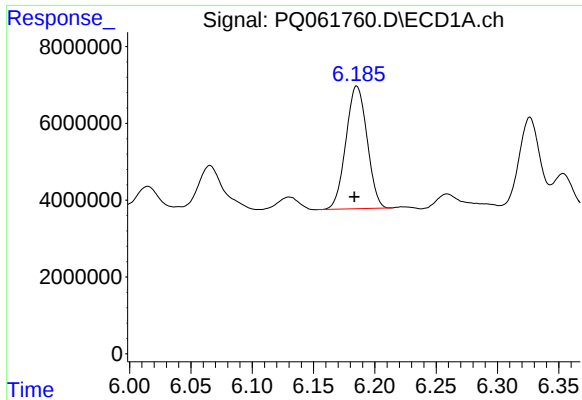
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 31315543
Conc: 112.06 ng/ml



#28 AR-1254-3

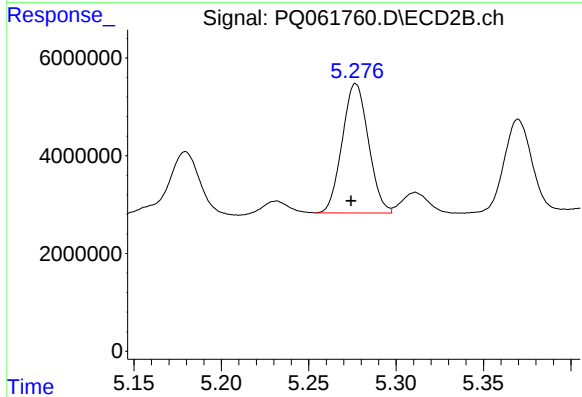
R.T.: 5.049 min
Delta R.T.: 0.001 min
Response: 25295712
Conc: 108.71 ng/ml



#29 AR-1254-4

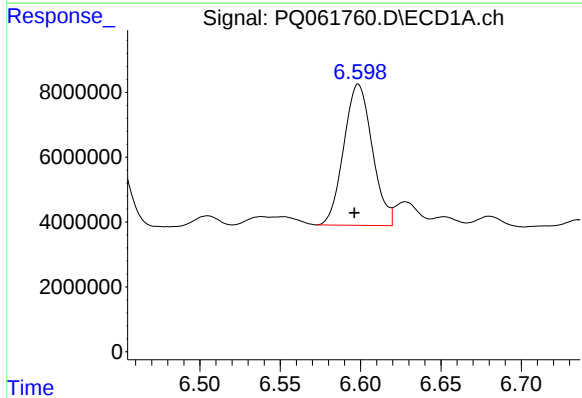
R.T.: 6.185 min
Delta R.T.: 0.002 min
Response: 38355312
Conc: 187.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



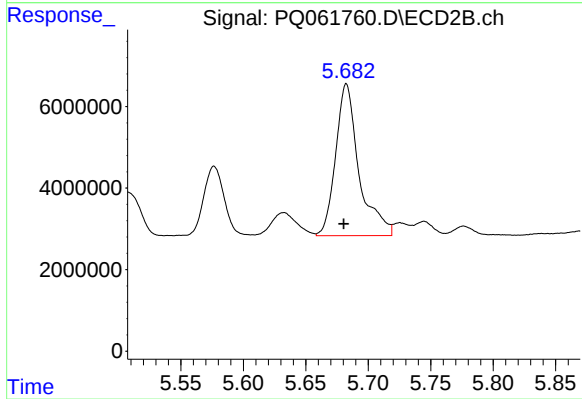
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 27613924
Conc: 192.20 ng/ml



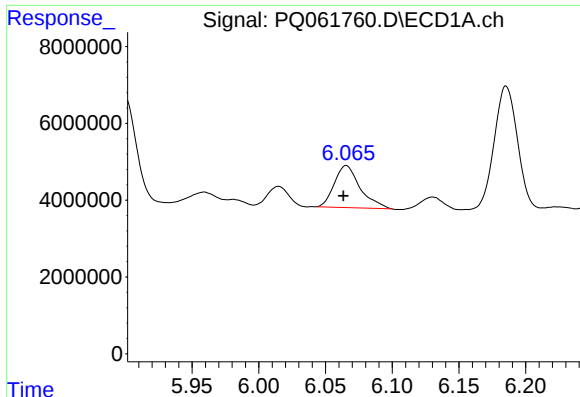
#30 AR-1254-5

R.T.: 6.599 min
Delta R.T.: 0.002 min
Response: 53699527
Conc: 227.65 ng/ml



#30 AR-1254-5

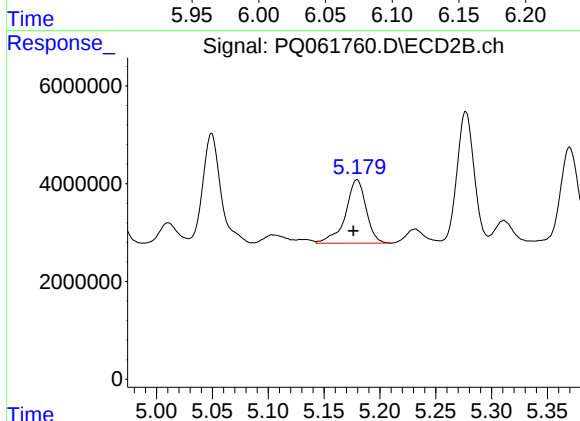
R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 48358000
Conc: 211.99 ng/ml



#31 AR-1260-1

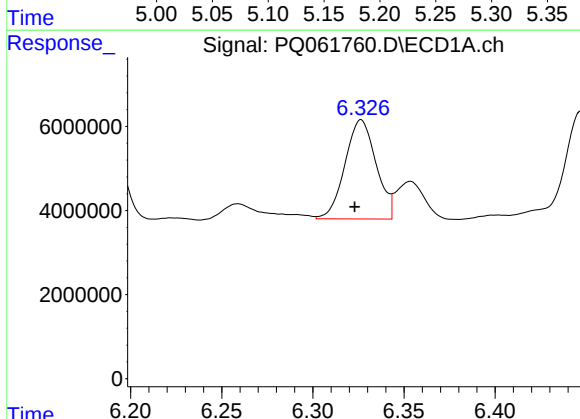
R.T.: 6.066 min
Delta R.T.: 0.002 min
Response: 14654817
Conc: 65.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



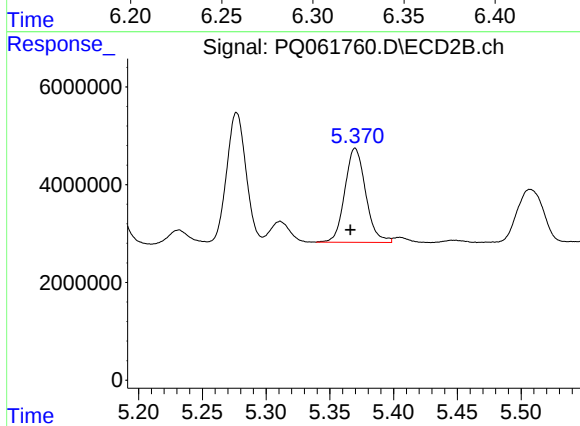
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: 0.003 min
Response: 16784194
Conc: 97.58 ng/ml



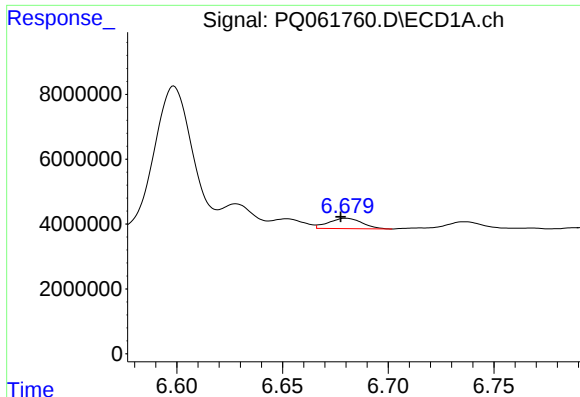
#32 AR-1260-2

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 28114701
Conc: 105.68 ng/ml



#32 AR-1260-2

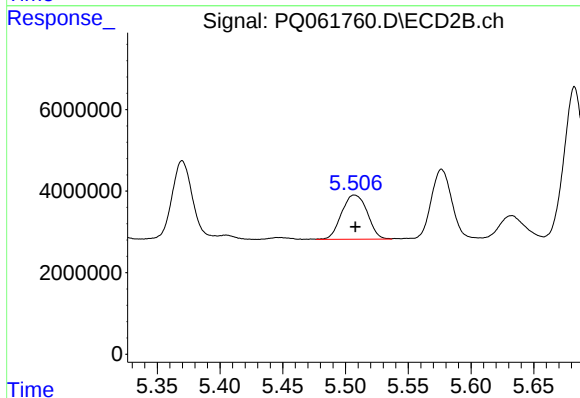
R.T.: 5.370 min
Delta R.T.: 0.004 min
Response: 21916571
Conc: 105.76 ng/ml



#33 AR-1260-3

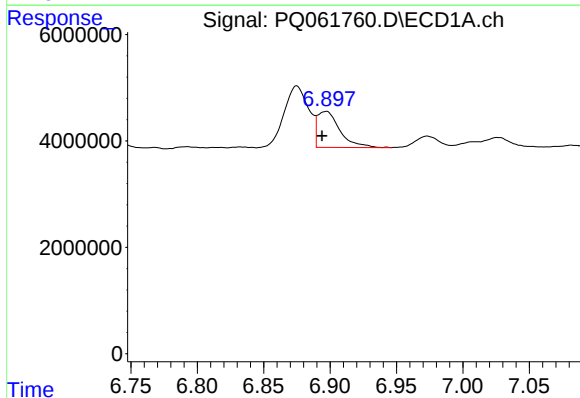
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 3511920
Conc: 20.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



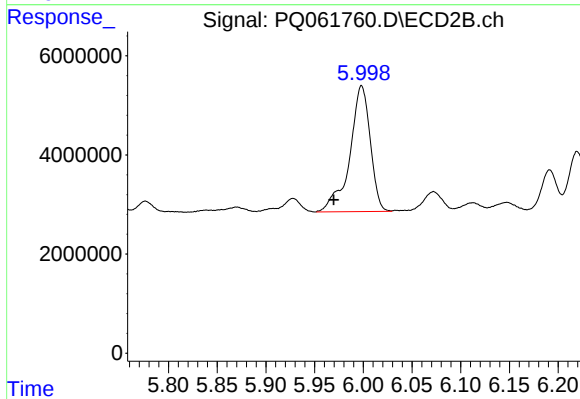
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 15497864
Conc: 78.03 ng/ml



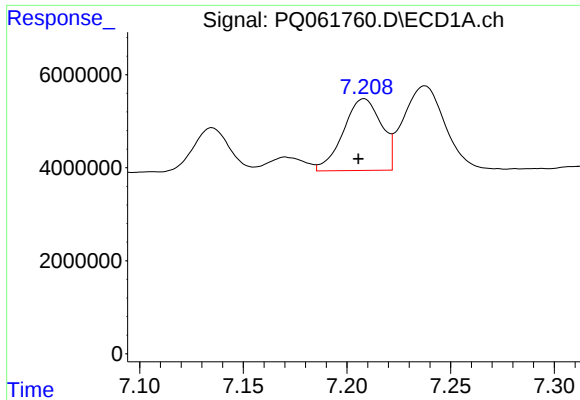
#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: 0.003 min
Response: 7928514
Conc: 39.51 ng/ml



#34 AR-1260-4

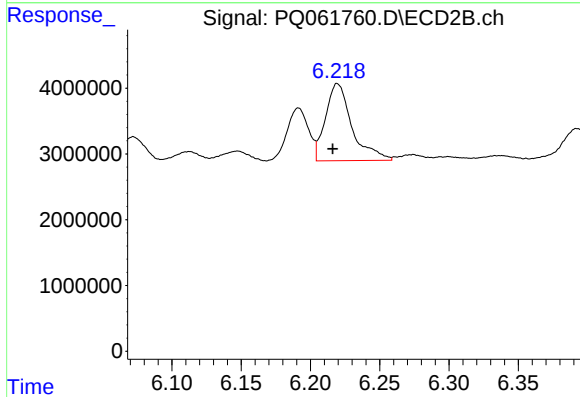
R.T.: 5.998 min
Delta R.T.: 0.029 min
Response: 37213396
Conc: 252.97 ng/ml



#35 AR-1260-5

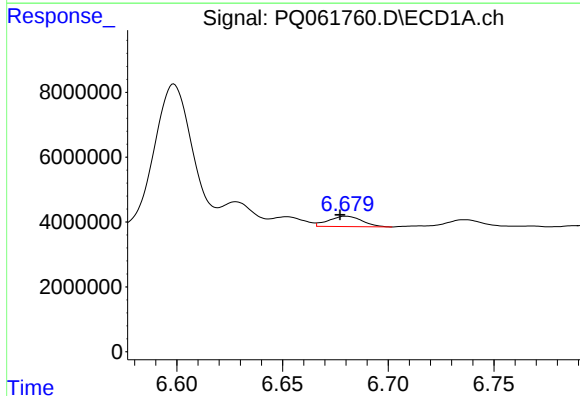
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 19746300
Conc: 51.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



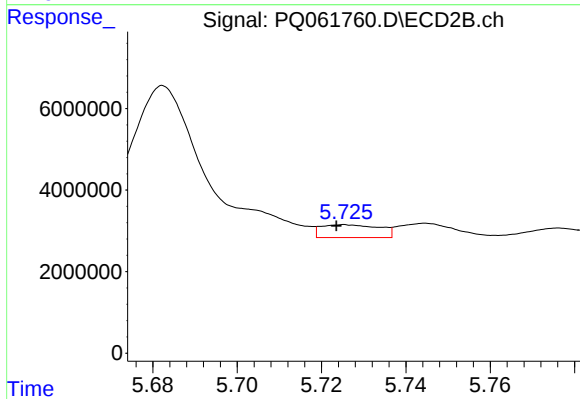
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: 0.003 min
Response: 15576912
Conc: 47.97 ng/ml



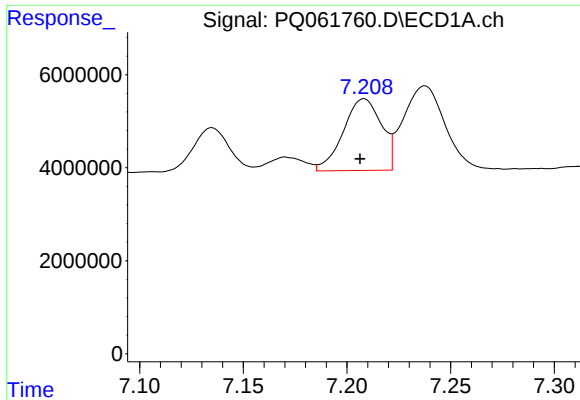
#36 AR-1262-1

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 3511920
Conc: 11.73 ng/ml



#36 AR-1262-1

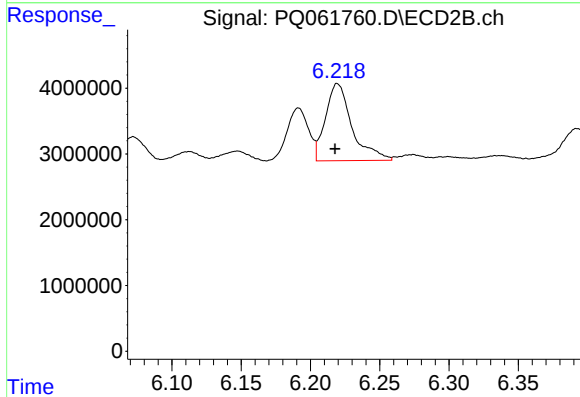
R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 3025908
Conc: 12.49 ng/ml



#37 AR-1262-2

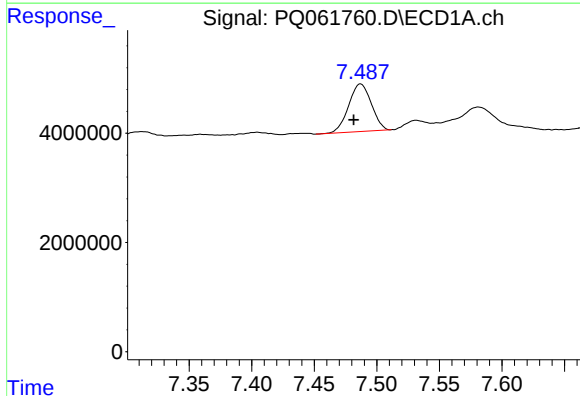
R.T.: 7.208 min
Delta R.T.: 0.002 min
Response: 19746300
Conc: 39.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



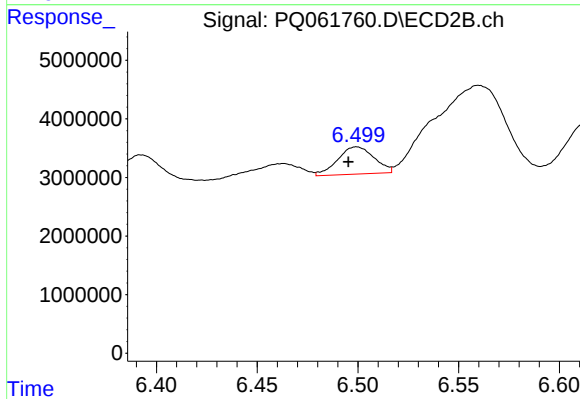
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: 0.002 min
Response: 15576912
Conc: 35.64 ng/ml



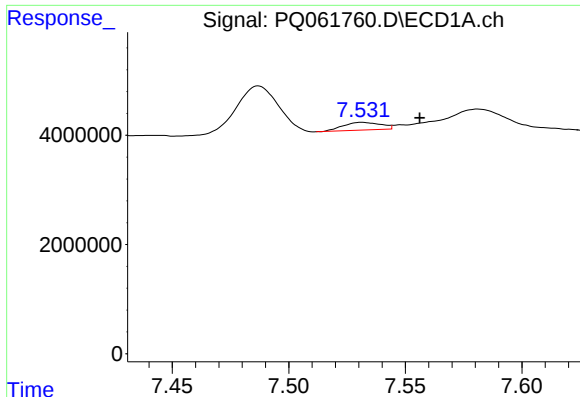
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.005 min
Response: 11002640
Conc: 32.56 ng/ml



#38 AR-1262-3

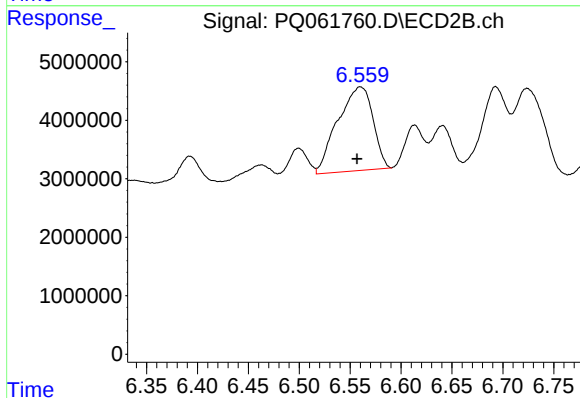
R.T.: 6.499 min
Delta R.T.: 0.004 min
Response: 5862625
Conc: 32.53 ng/ml



#39 AR-1262-4

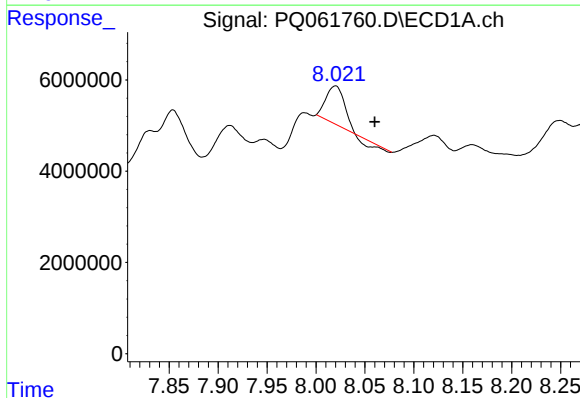
R.T.: 7.531 min
Delta R.T.: -0.025 min
Response: 1573073
Conc: 6.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



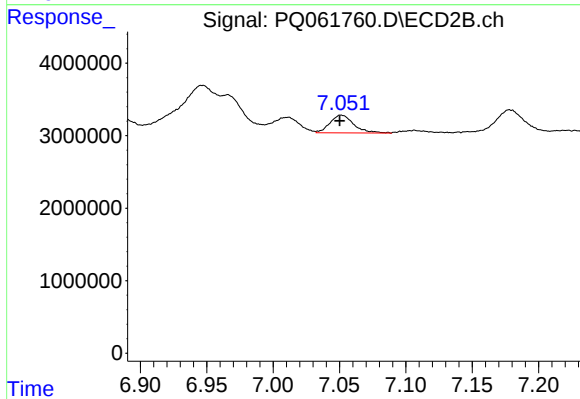
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: 0.003 min
Response: 34408655
Conc: 103.76 ng/ml



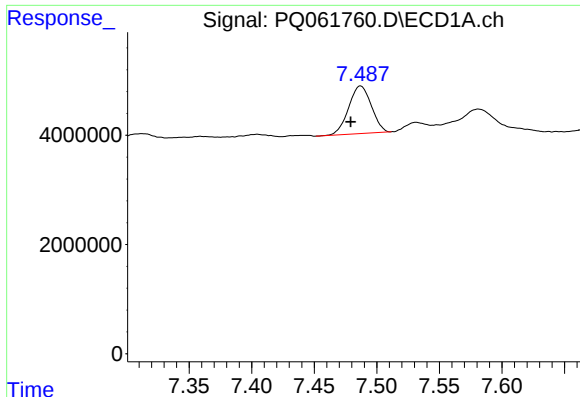
#40 AR-1262-5

R.T.: 8.020 min
Delta R.T.: -0.040 min
Response: 9555140
Conc: 56.10 ng/ml



#40 AR-1262-5

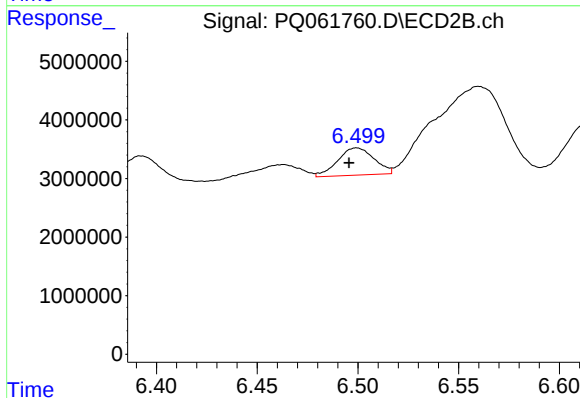
R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 3039776
Conc: 18.95 ng/ml



#41 AR-1268-1

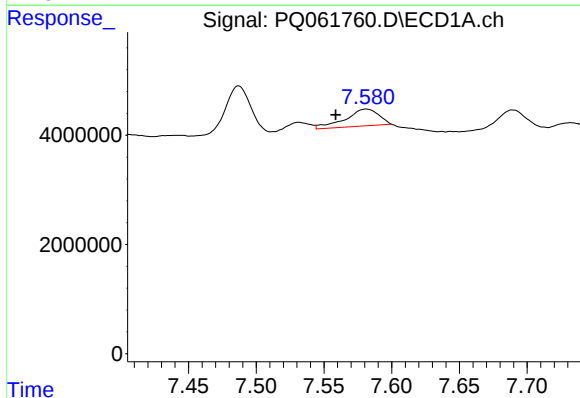
R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 11002640
Conc: 19.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



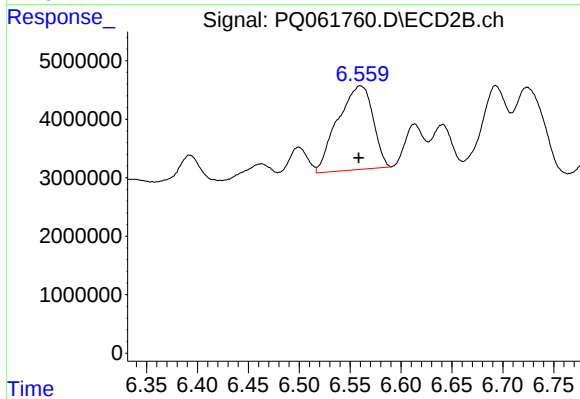
#41 AR-1268-1

R.T.: 6.499 min
Delta R.T.: 0.004 min
Response: 5862625
Conc: 11.93 ng/ml



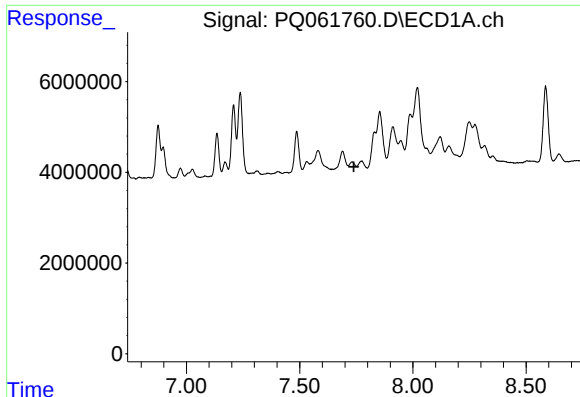
#42 AR-1268-2

R.T.: 7.581 min
Delta R.T.: 0.022 min
Response: 5319117
Conc: 10.80 ng/ml



#42 AR-1268-2

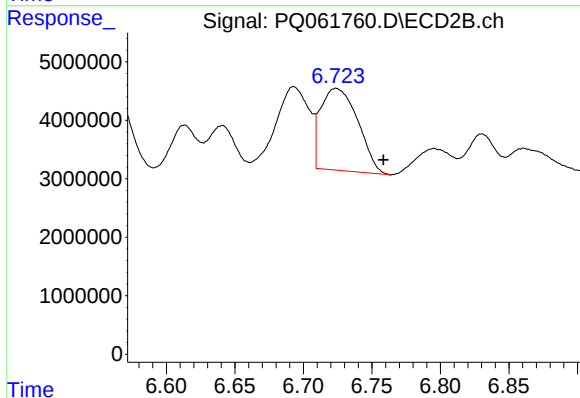
R.T.: 6.560 min
Delta R.T.: 0.002 min
Response: 34408655
Conc: 77.34 ng/ml



#43 AR-1268-3

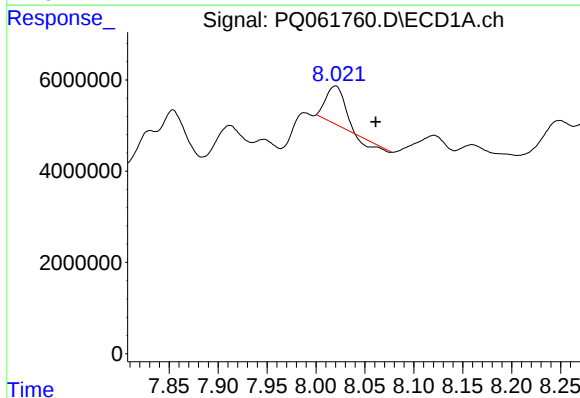
R.T.: 7.732 min
Delta R.T.: -0.008 min
Response: -1203990
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



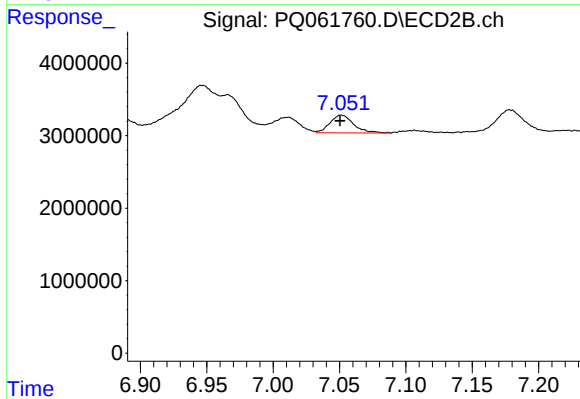
#43 AR-1268-3

R.T.: 6.724 min
Delta R.T.: -0.035 min
Response: 26436794
Conc: 67.53 ng/ml



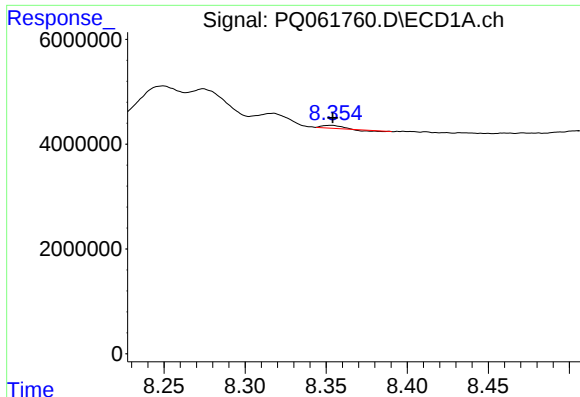
#44 AR-1268-4

R.T.: 8.020 min
Delta R.T.: -0.041 min
Response: 9555140
Conc: 53.98 ng/ml



#44 AR-1268-4

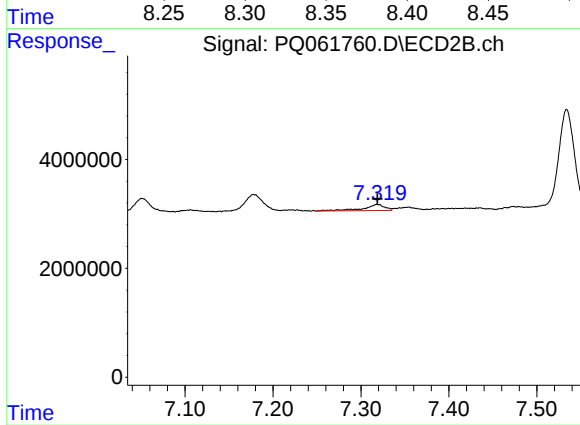
R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 3039776
Conc: 18.11 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: -0.001 min
Response: 114539
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 1933149
Conc: 1.56 ng/ml