

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020923\
 Data File : PQ060384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2023 10:13
 Operator : YP\AJ
 Sample : 01378-04
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:28:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 08 12:18:29 2023
 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...	3.438	2.799	428.6E6	218.0E6	16.541	18.352
2)	SA Decachlor...	8.572	7.531	517.0E6	384.6E6	34.305	35.336
Target Compounds							
3)	L1 AR-1016-1	4.536	3.805	36609005	14865326	44.635	39.029
4)	L1 AR-1016-2	4.568	3.805	2283858	14865326	1.855	26.225 #
5)	L1 AR-1016-3	4.625	3.962	334415	7833894	0.442	25.891 #
6)	L1 AR-1016-4	4.711	4.027	98439	403252	0.152	1.724 #
7)	L1 AR-1016-5	4.962	4.200	16064629	10860091	26.139	35.647 #
8)	L2 AR-1221-1	3.626	2.999	5612237	1773681	17.996	12.748 #
9)	L2 AR-1221-2	3.713	3.069	11170669	4283323	53.212	44.697
10)	L2 AR-1221-3	3.781	3.143	12000859	6113836	18.163	19.331
11)	L3 AR-1232-1	3.781	3.143	12000859	6113836	21.519	23.014
12)	L3 AR-1232-2	4.292	3.805	875451	14865326	2.904	57.464 #
13)	L3 AR-1232-3	4.568	3.962	2283858	7833894	4.031	58.219 #
14)	L3 AR-1232-4	4.711	4.072	98439	4001264	0.337	35.949 #
15)	L3 AR-1232-5	4.776	4.200	14291096	10860091	72.070	83.275
16)	L4 AR-1242-1	4.536	3.805	36609005	14865326	54.526	46.719
17)	L4 AR-1242-2	4.568	3.805	2283858	14865326	2.279	31.782 #
18)	L4 AR-1242-3	4.625	3.962	334415	7833894	0.541	31.174 #
19)	L4 AR-1242-4	4.711	4.072	98439	4001264	0.190	17.193 #
20)	L4 AR-1242-5	5.380	4.565	2571598	2943004	4.691	9.707 #
21)	L5 AR-1248-1	4.536	3.805	36609005	14865326	72.868	60.334
22)	L5 AR-1248-2	4.776	4.027	14291096	403252	21.636	1.163 #
23)	L5 AR-1248-3	4.962	4.045	16064629	8102021	19.921	23.558
24)	L5 AR-1248-4	5.380	4.200	2571598	10860091	2.904	25.740 #
25)	L5 AR-1248-5	5.415	4.592	134333	145628	0.153	0.336 #
26)	L6 AR-1254-1	5.344	4.565	8693571	2943004	9.962	4.704 #
27)	L6 AR-1254-2	5.604f	4.699	111085	381140	0.085	0.714 #
28)	L6 AR-1254-3	5.885	5.064	7851399	14632988	5.589	16.160 #
29)	L6 AR-1254-4	6.212	5.297	841878	3935880	0.833	7.066 #
30)	L6 AR-1254-5	6.612	5.708	4703699	15174987	4.261	19.164 #
31)	L7 AR-1260-1	6.083	5.203	294190	302874	0.265	0.510 #
32)	L7 AR-1260-2	6.340	5.398	8633818	107247	6.533	0.152 #
33)	L7 AR-1260-3	6.664	5.494	25112799	23330314	26.377	32.832
34)	L7 AR-1260-4	6.883	5.990	30147316	1972580	28.015	3.440 #
35)	L7 AR-1260-5	7.195	6.203	53075717	33814057	25.432	25.198
36)	L8 AR-1262-1	6.664	5.708	25112799	15174987	20.141	19.183
37)	L8 AR-1262-2	7.195	6.203	53075717	33814057	24.686	23.354
38)	L8 AR-1262-3	7.475	6.483	34404963	13992113	24.516	23.924
39)	L8 AR-1262-4	7.546	6.543	24780462	27068668	22.845	24.624
40)	L8 AR-1262-5	8.052	7.042	12409317	10741724	17.832	20.023
41)	L9 AR-1268-1	7.475	6.483	34404963	13992113	10.493	6.135 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020923\
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Acq On : 09 Feb 2023 10:13
Operator : YP\AJ
Sample : 01378-04
Misc : AR1660 MDL 25 PPB
ALS Vial : 48 Sample Multiplier: 1

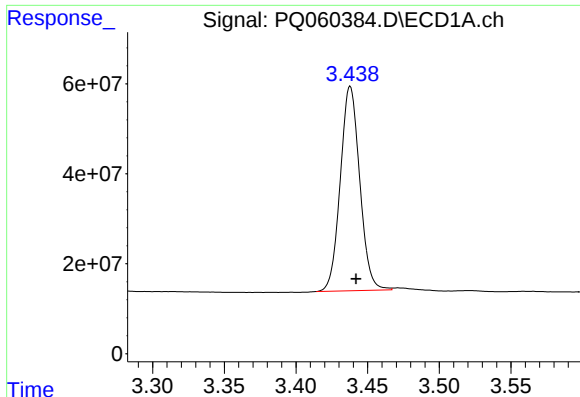
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 21:28:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020723CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 08 12:18:29 2023
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
42)	L9 AR-1268-2	7.546	6.543	24780462	27068668	8.172	12.810 #
43)	L9 AR-1268-3	7.727	6.747	1374866	714383	0.556	0.392 #
44)	L9 AR-1268-4	8.052	7.042	12409317	10741724	11.766	13.457
45)	L9 AR-1268-5	8.341	7.313	6283633	6042507	0.831	1.044 #

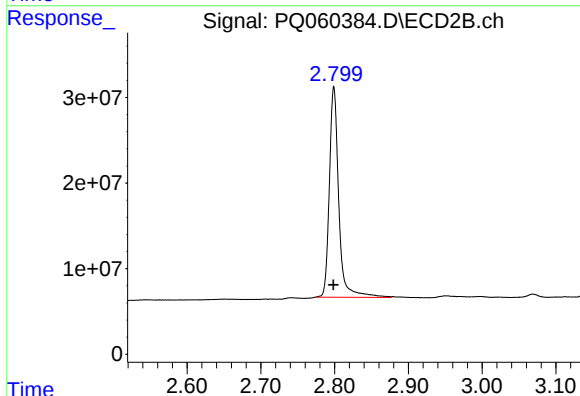
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

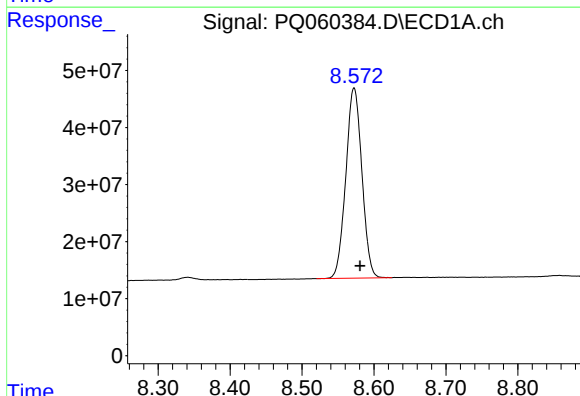
R.T.: 3.438 min
Delta R.T.: -0.004 min
Response: 428646380
Conc: 16.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



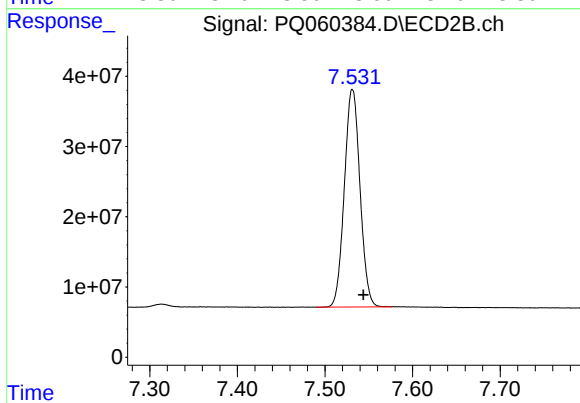
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 218046621
Conc: 18.35 ng/ml



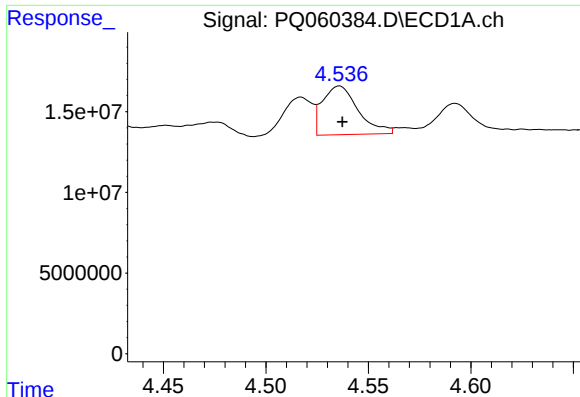
#2 Decachlorobiphenyl

R.T.: 8.572 min
Delta R.T.: -0.008 min
Response: 516993776
Conc: 34.30 ng/ml



#2 Decachlorobiphenyl

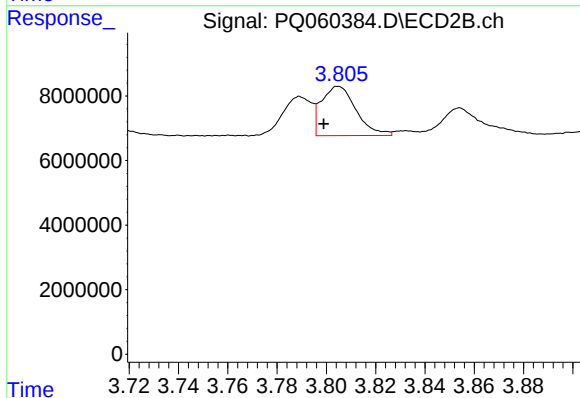
R.T.: 7.531 min
Delta R.T.: -0.013 min
Response: 384623951
Conc: 35.34 ng/ml



#3 AR-1016-1

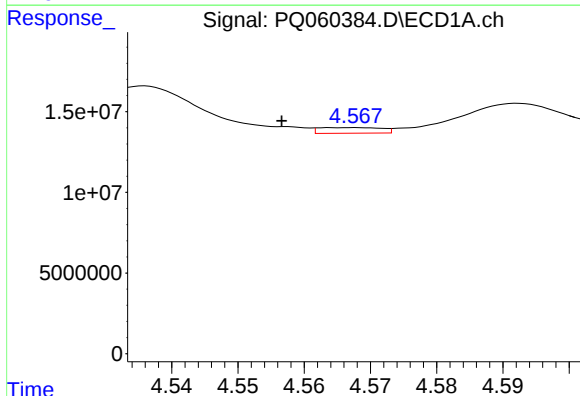
R.T.: 4.536 min
Delta R.T.: -0.001 min
Response: 36609005
Conc: 44.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



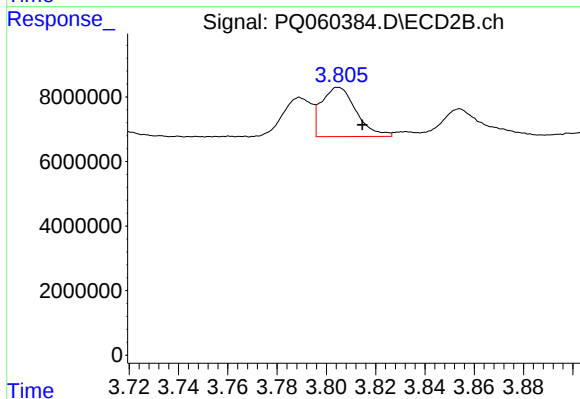
#3 AR-1016-1

R.T.: 3.805 min
Delta R.T.: 0.006 min
Response: 14865326
Conc: 39.03 ng/ml



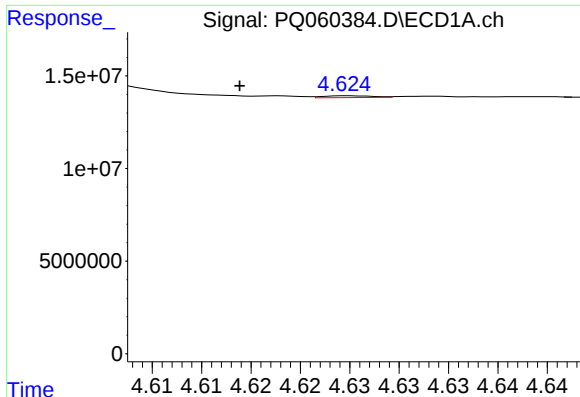
#4 AR-1016-2

R.T.: 4.568 min
Delta R.T.: 0.011 min
Response: 2283858
Conc: 1.86 ng/ml



#4 AR-1016-2

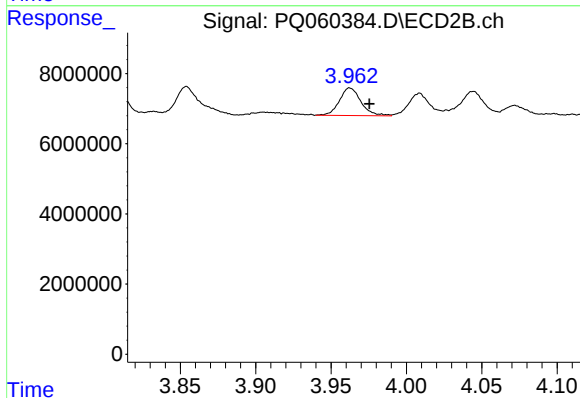
R.T.: 3.805 min
Delta R.T.: -0.010 min
Response: 14865326
Conc: 26.23 ng/ml



#5 AR-1016-3

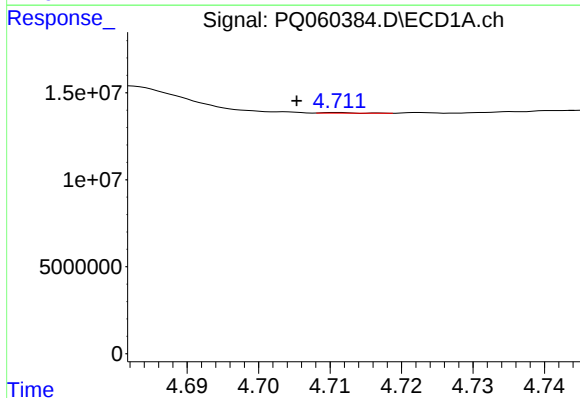
R.T.: 4.625 min
Delta R.T.: 0.011 min
Response: 334415
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



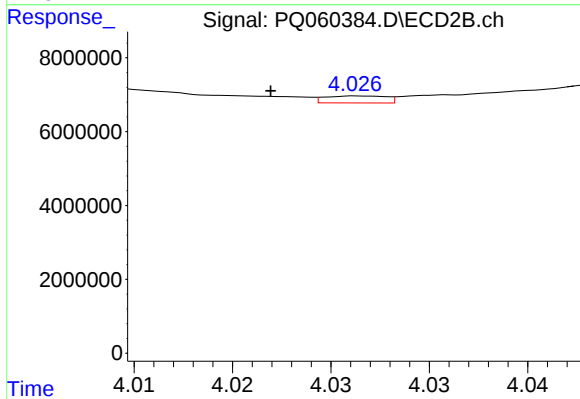
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: -0.013 min
Response: 7833894
Conc: 25.89 ng/ml



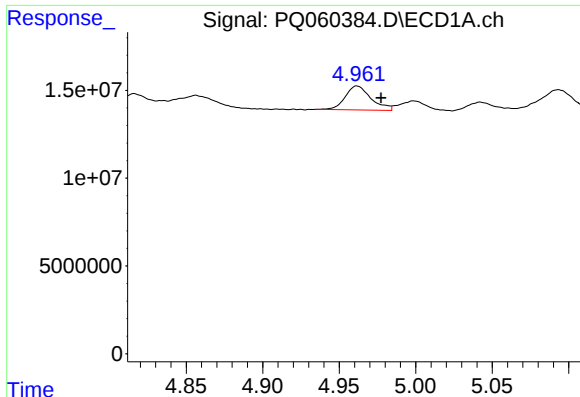
#6 AR-1016-4

R.T.: 4.711 min
Delta R.T.: 0.006 min
Response: 98439
Conc: 0.15 ng/ml



#6 AR-1016-4

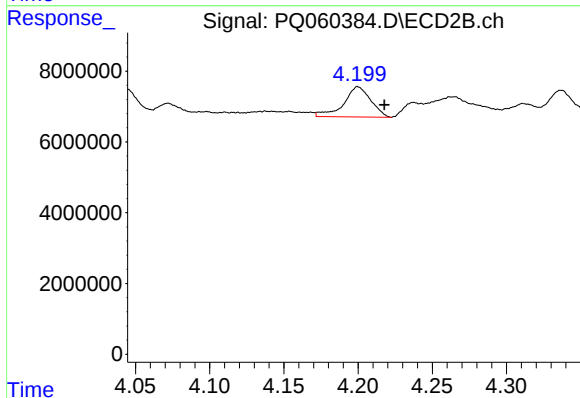
R.T.: 4.027 min
Delta R.T.: 0.005 min
Response: 403252
Conc: 1.72 ng/ml



#7 AR-1016-5

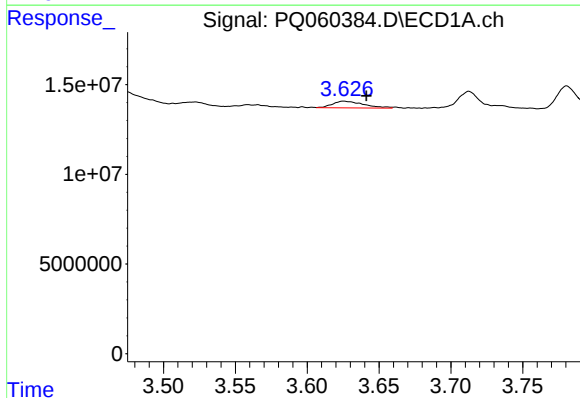
R.T.: 4.962 min
Delta R.T.: -0.016 min
Response: 16064629
Conc: 26.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



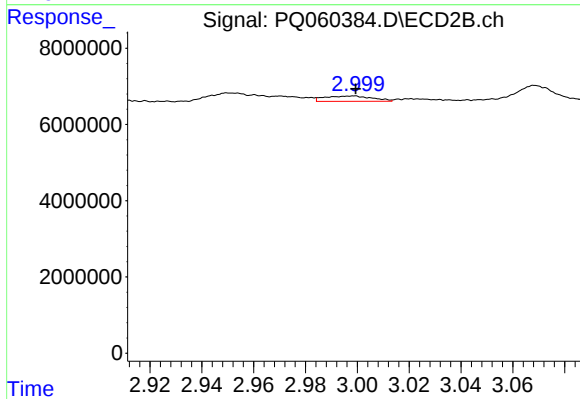
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.018 min
Response: 10860091
Conc: 35.65 ng/ml



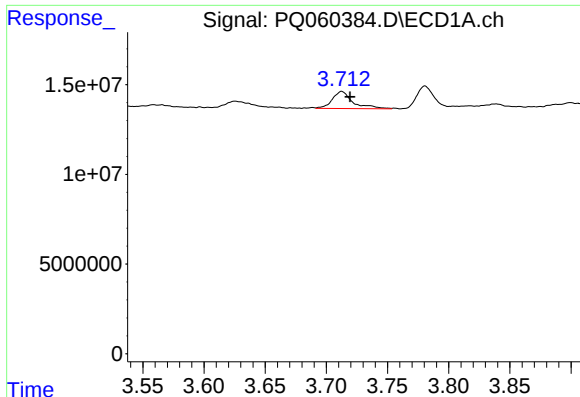
#8 AR-1221-1

R.T.: 3.626 min
Delta R.T.: -0.016 min
Response: 5612237
Conc: 18.00 ng/ml



#8 AR-1221-1

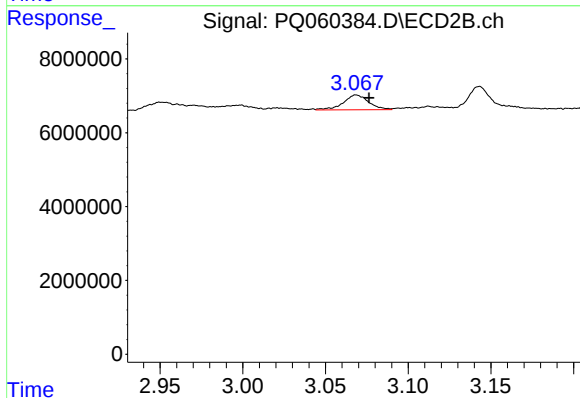
R.T.: 2.999 min
Delta R.T.: 0.000 min
Response: 1773681
Conc: 12.75 ng/ml



#9 AR-1221-2

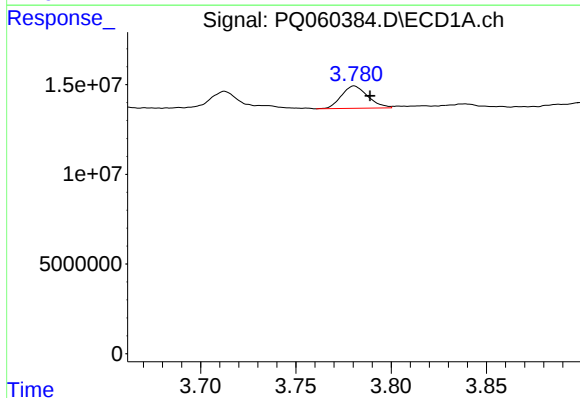
R.T.: 3.713 min
Delta R.T.: -0.007 min
Response: 11170669
Conc: 53.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



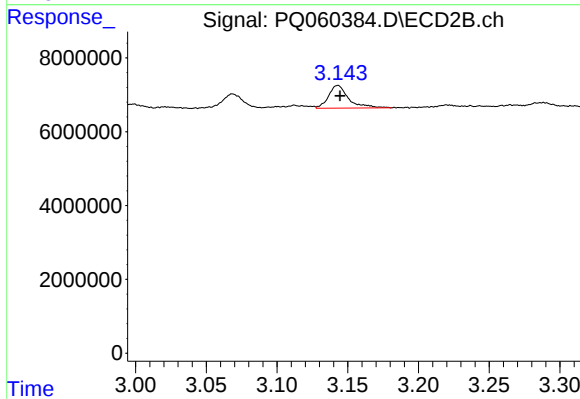
#9 AR-1221-2

R.T.: 3.069 min
Delta R.T.: -0.008 min
Response: 4283323
Conc: 44.70 ng/ml



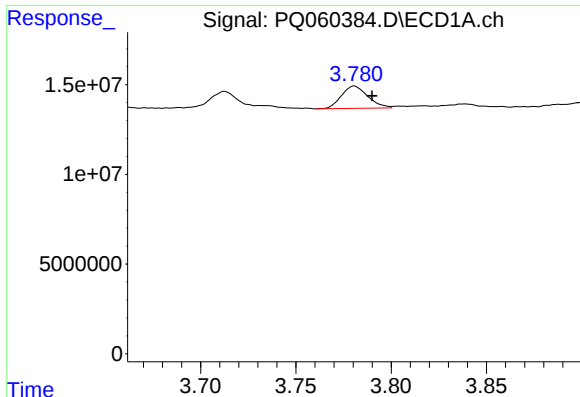
#10 AR-1221-3

R.T.: 3.781 min
Delta R.T.: -0.008 min
Response: 12000859
Conc: 18.16 ng/ml



#10 AR-1221-3

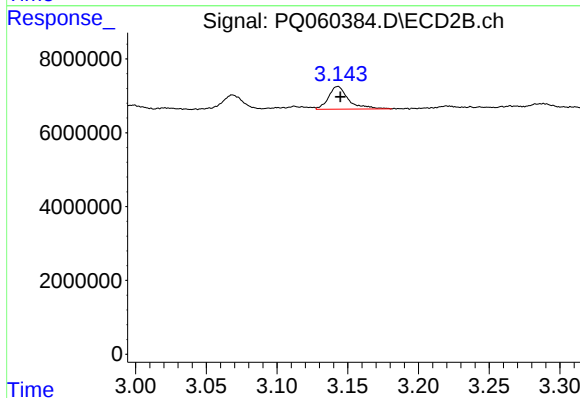
R.T.: 3.143 min
Delta R.T.: -0.001 min
Response: 6113836
Conc: 19.33 ng/ml



#11 AR-1232-1

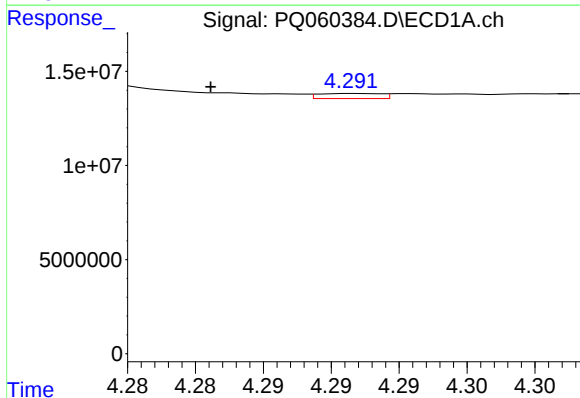
R.T.: 3.781 min
Delta R.T.: -0.009 min
Response: 12000859
Conc: 21.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



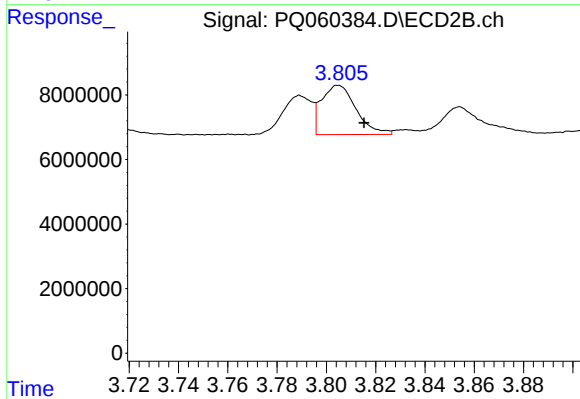
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: -0.002 min
Response: 6113836
Conc: 23.01 ng/ml



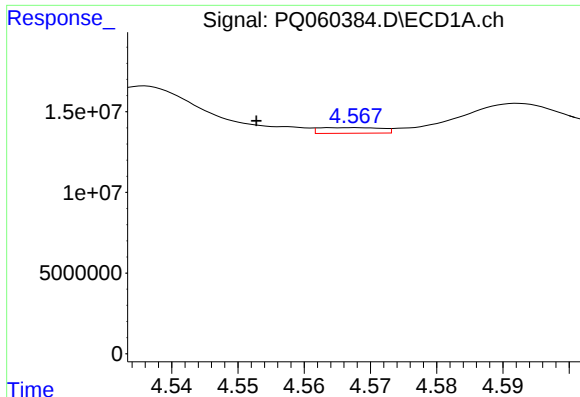
#12 AR-1232-2

R.T.: 4.292 min
Delta R.T.: 0.011 min
Response: 875451
Conc: 2.90 ng/ml



#12 AR-1232-2

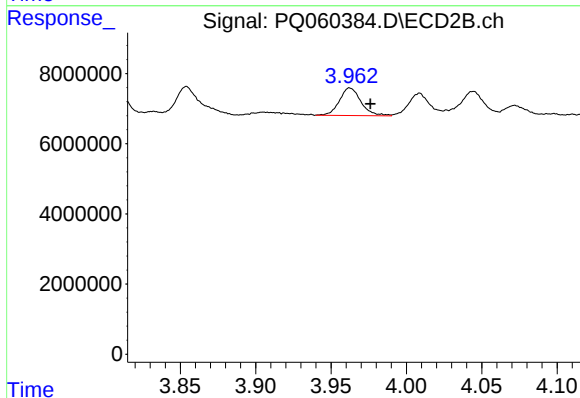
R.T.: 3.805 min
Delta R.T.: -0.010 min
Response: 14865326
Conc: 57.46 ng/ml



#13 AR-1232-3

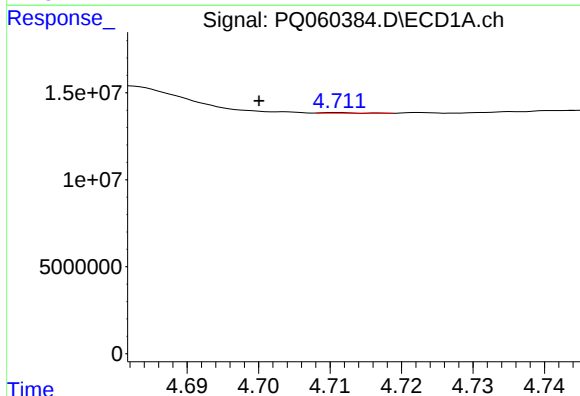
R.T.: 4.568 min
Delta R.T.: 0.015 min
Response: 2283858
Conc: 4.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



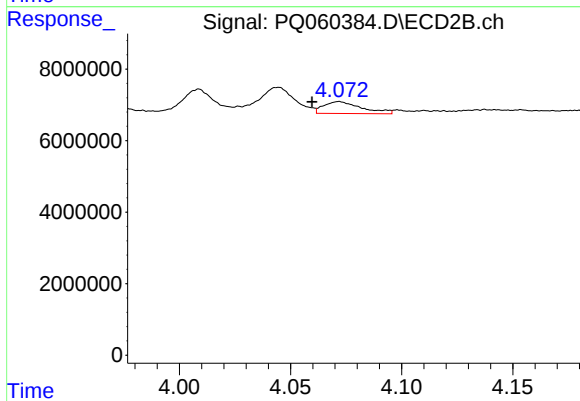
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: -0.014 min
Response: 7833894
Conc: 58.22 ng/ml



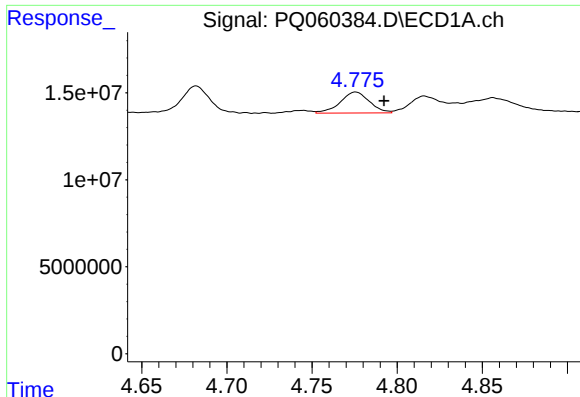
#14 AR-1232-4

R.T.: 4.711 min
Delta R.T.: 0.011 min
Response: 98439
Conc: 0.34 ng/ml



#14 AR-1232-4

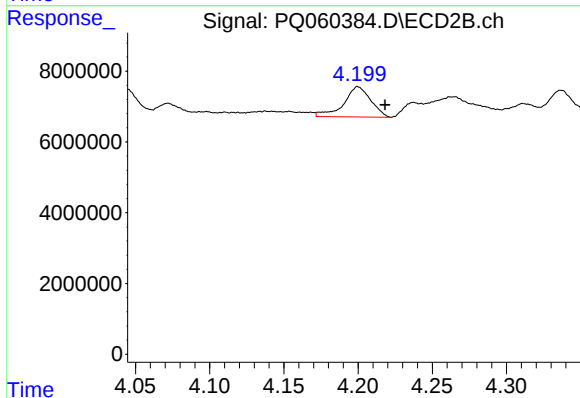
R.T.: 4.072 min
Delta R.T.: 0.012 min
Response: 4001264
Conc: 35.95 ng/ml



#15 AR-1232-5

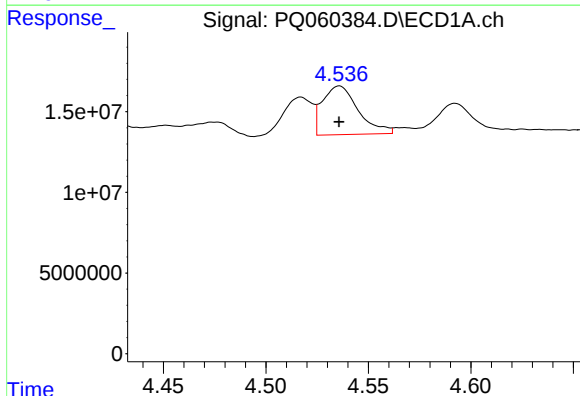
R.T.: 4.776 min
Delta R.T.: -0.017 min
Response: 14291096
Conc: 72.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



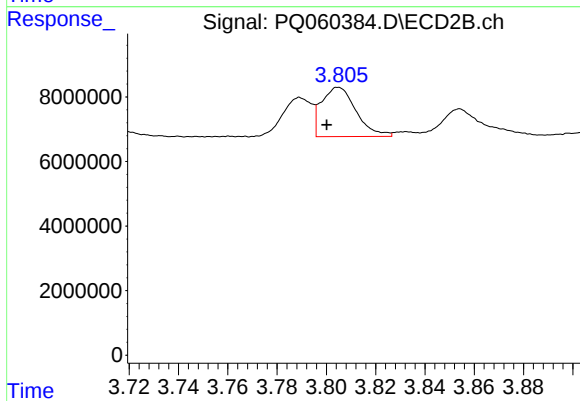
#15 AR-1232-5

R.T.: 4.200 min
Delta R.T.: -0.018 min
Response: 10860091
Conc: 83.27 ng/ml



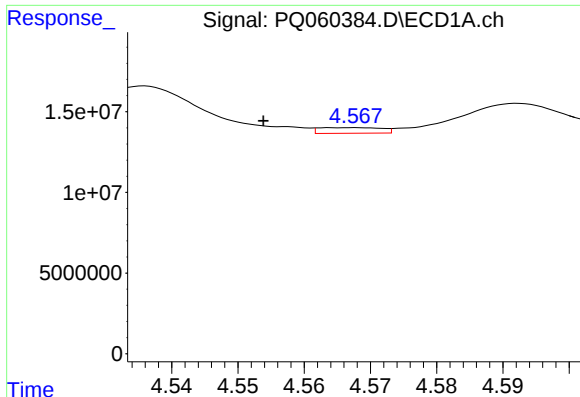
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 36609005
Conc: 54.53 ng/ml



#16 AR-1242-1

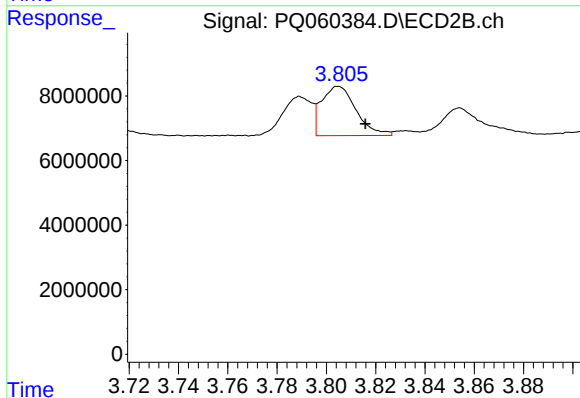
R.T.: 3.805 min
Delta R.T.: 0.005 min
Response: 14865326
Conc: 46.72 ng/ml



#17 AR-1242-2

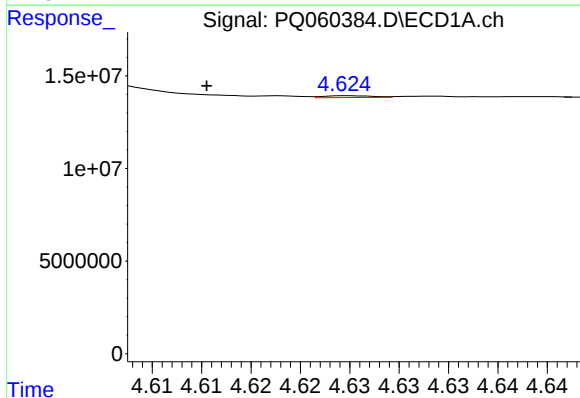
R.T.: 4.568 min
Delta R.T.: 0.014 min
Response: 2283858
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



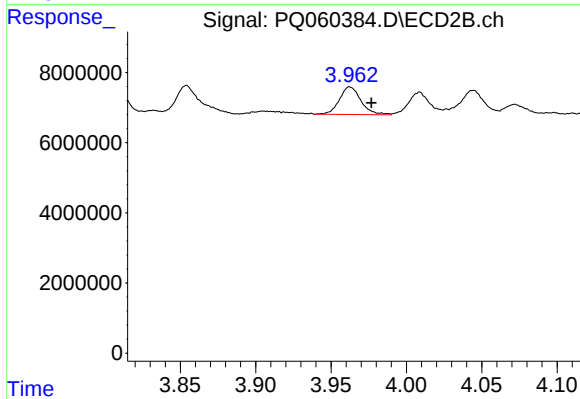
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.011 min
Response: 14865326
Conc: 31.78 ng/ml



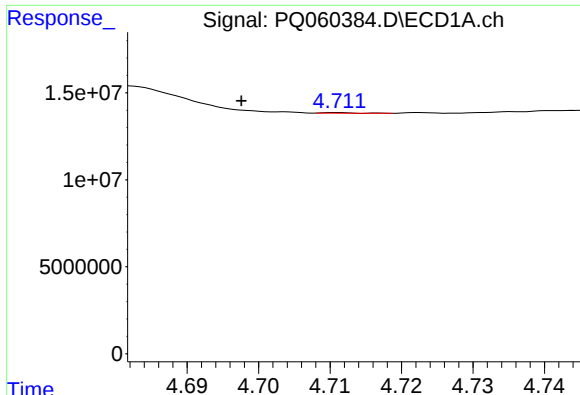
#18 AR-1242-3

R.T.: 4.625 min
Delta R.T.: 0.014 min
Response: 334415
Conc: 0.54 ng/ml



#18 AR-1242-3

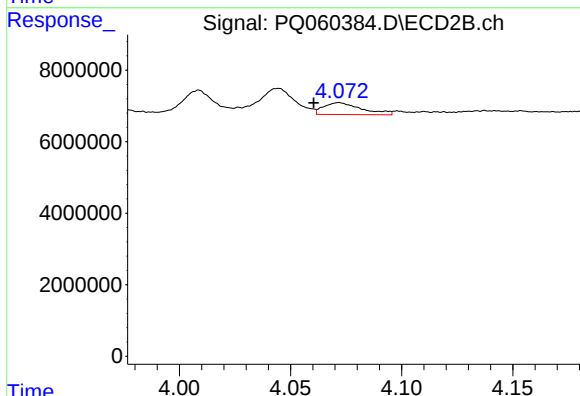
R.T.: 3.962 min
Delta R.T.: -0.014 min
Response: 7833894
Conc: 31.17 ng/ml



#19 AR-1242-4

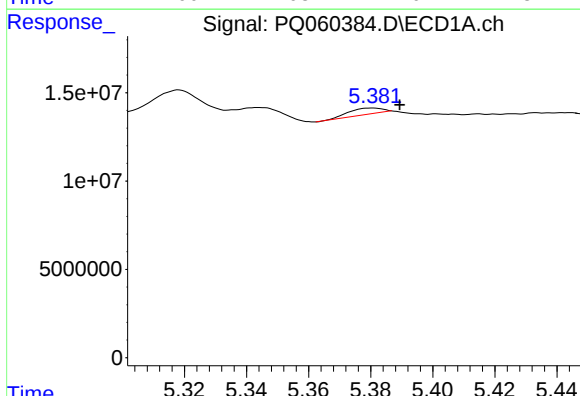
R.T.: 4.711 min
Delta R.T.: 0.014 min
Response: 98439
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



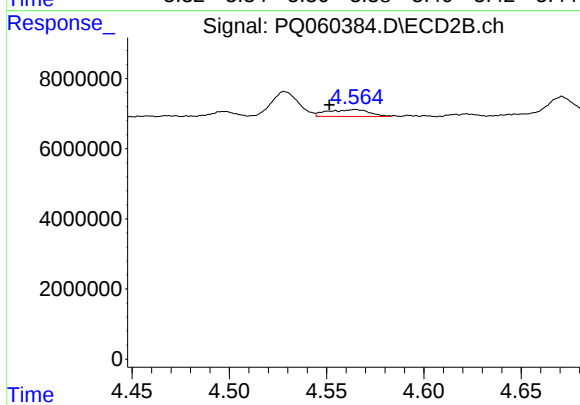
#19 AR-1242-4

R.T.: 4.072 min
Delta R.T.: 0.012 min
Response: 4001264
Conc: 17.19 ng/ml



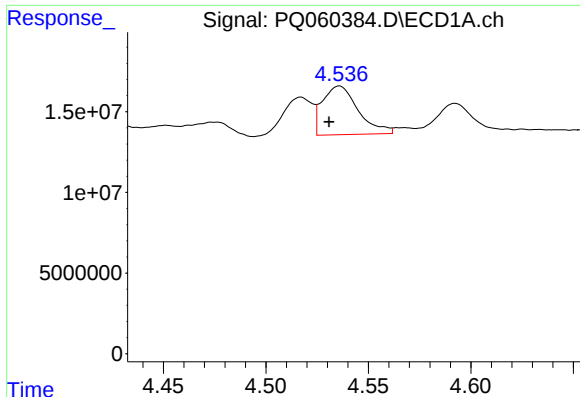
#20 AR-1242-5

R.T.: 5.380 min
Delta R.T.: -0.009 min
Response: 2571598
Conc: 4.69 ng/ml



#20 AR-1242-5

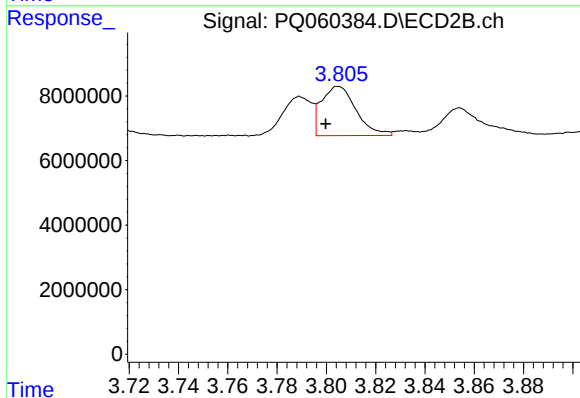
R.T.: 4.565 min
Delta R.T.: 0.014 min
Response: 2943004
Conc: 9.71 ng/ml



#21 AR-1248-1

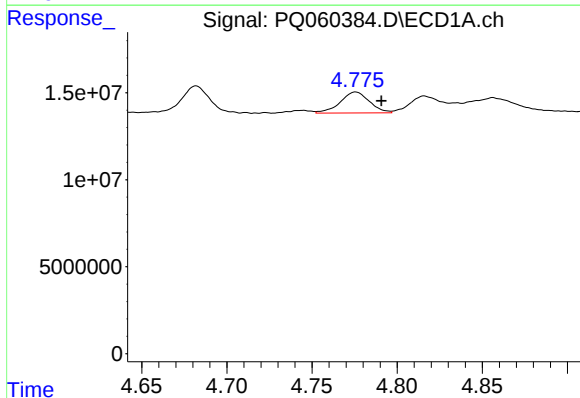
R.T.: 4.536 min
Delta R.T.: 0.005 min
Response: 36609005
Conc: 72.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



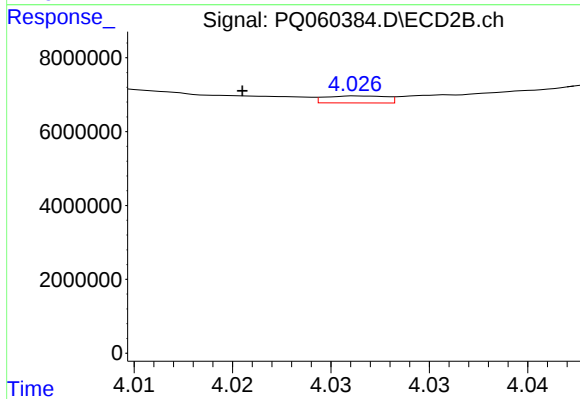
#21 AR-1248-1

R.T.: 3.805 min
Delta R.T.: 0.005 min
Response: 14865326
Conc: 60.33 ng/ml



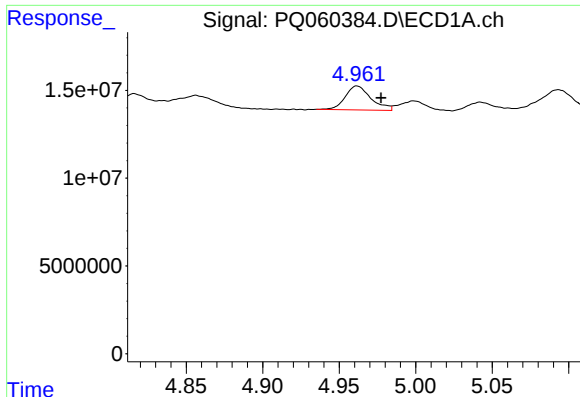
#22 AR-1248-2

R.T.: 4.776 min
Delta R.T.: -0.015 min
Response: 14291096
Conc: 21.64 ng/ml



#22 AR-1248-2

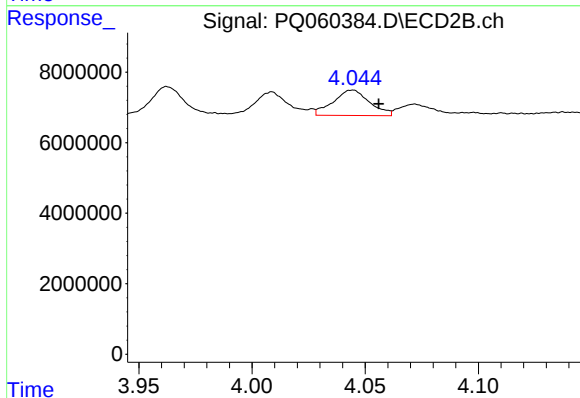
R.T.: 4.027 min
Delta R.T.: 0.006 min
Response: 403252
Conc: 1.16 ng/ml



#23 AR-1248-3

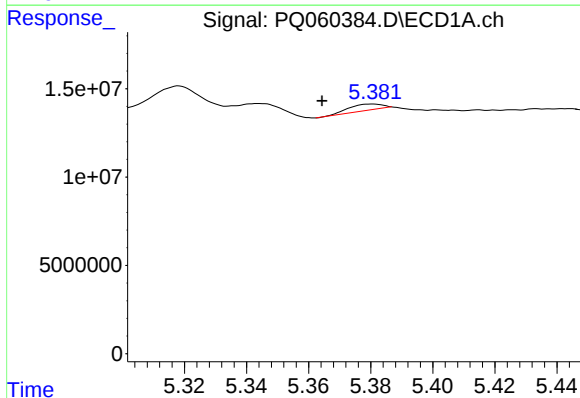
R.T.: 4.962 min
Delta R.T.: -0.016 min
Response: 16064629
Conc: 19.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



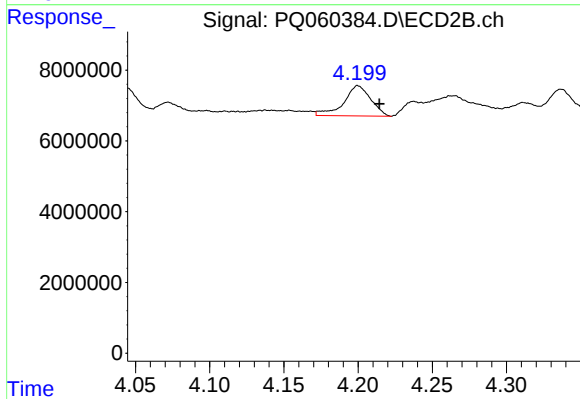
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.011 min
Response: 8102021
Conc: 23.56 ng/ml



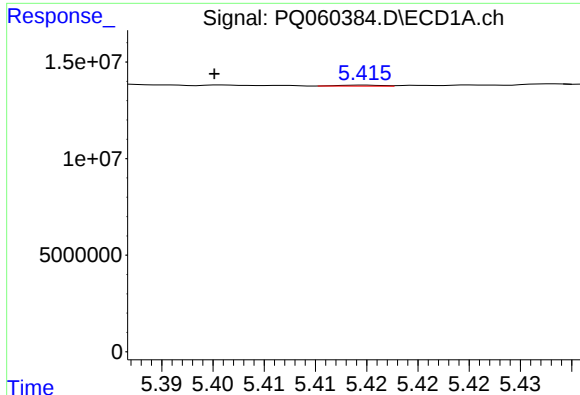
#24 AR-1248-4

R.T.: 5.380 min
Delta R.T.: 0.016 min
Response: 2571598
Conc: 2.90 ng/ml



#24 AR-1248-4

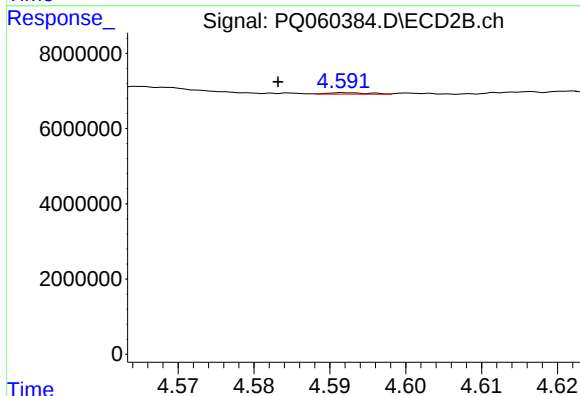
R.T.: 4.200 min
Delta R.T.: -0.015 min
Response: 10860091
Conc: 25.74 ng/ml



#25 AR-1248-5

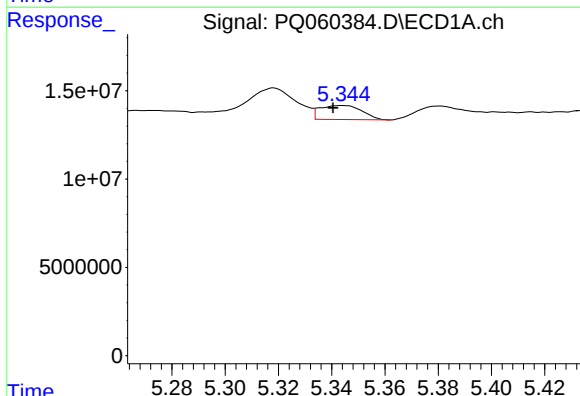
R.T.: 5.415 min
Delta R.T.: 0.015 min
Response: 134333
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



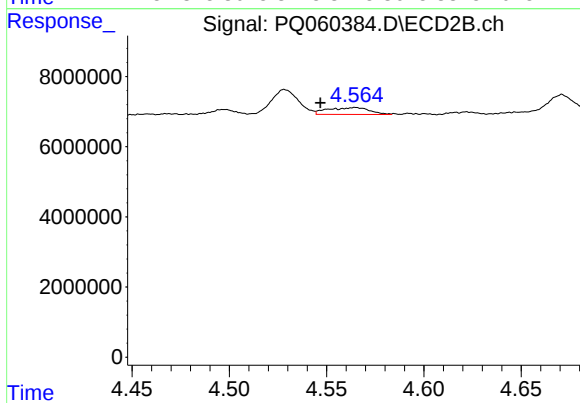
#25 AR-1248-5

R.T.: 4.592 min
Delta R.T.: 0.009 min
Response: 145628
Conc: 0.34 ng/ml



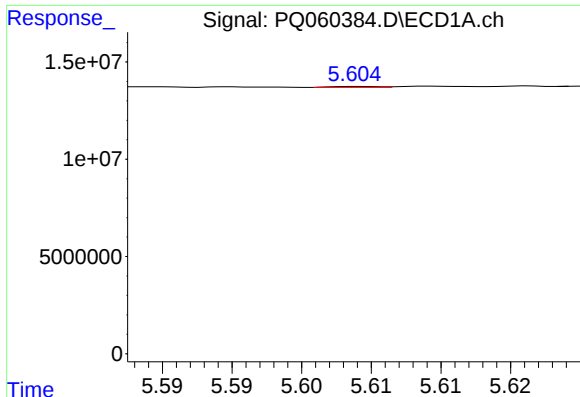
#26 AR-1254-1

R.T.: 5.344 min
Delta R.T.: 0.003 min
Response: 8693571
Conc: 9.96 ng/ml



#26 AR-1254-1

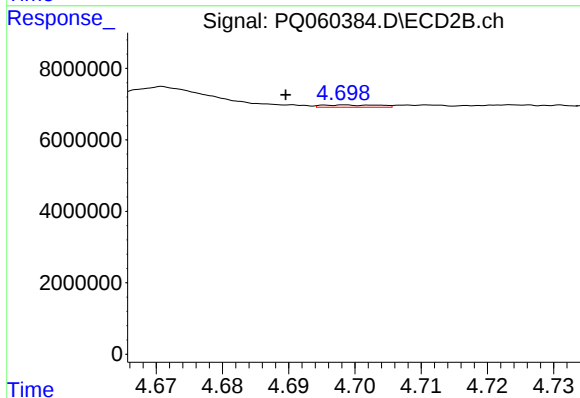
R.T.: 4.565 min
Delta R.T.: 0.018 min
Response: 2943004
Conc: 4.70 ng/ml



#27 AR-1254-2

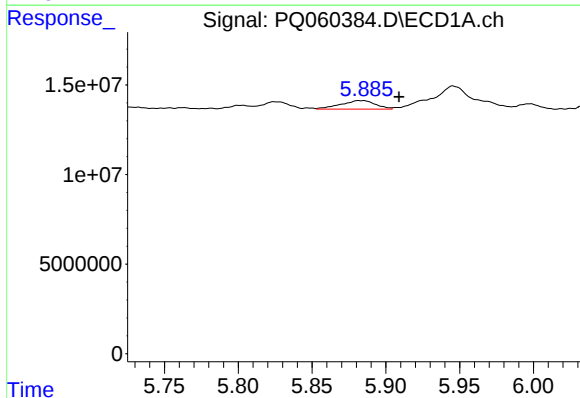
R.T.: 5.604 min
Delta R.T.: 0.048 min
Response: 111085
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



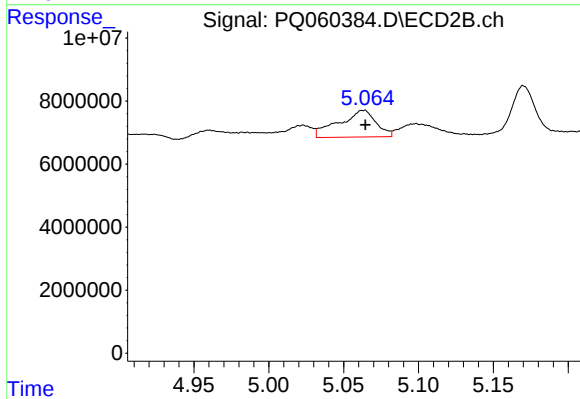
#27 AR-1254-2

R.T.: 4.699 min
Delta R.T.: 0.009 min
Response: 381140
Conc: 0.71 ng/ml



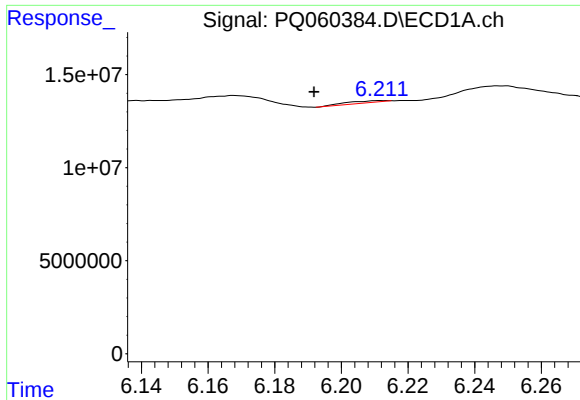
#28 AR-1254-3

R.T.: 5.885 min
Delta R.T.: -0.024 min
Response: 7851399
Conc: 5.59 ng/ml



#28 AR-1254-3

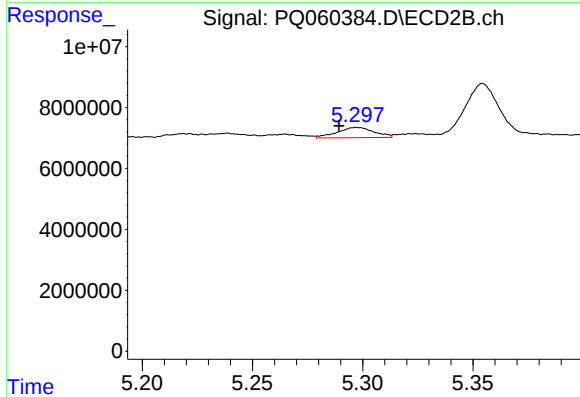
R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 14632988
Conc: 16.16 ng/ml



#29 AR-1254-4

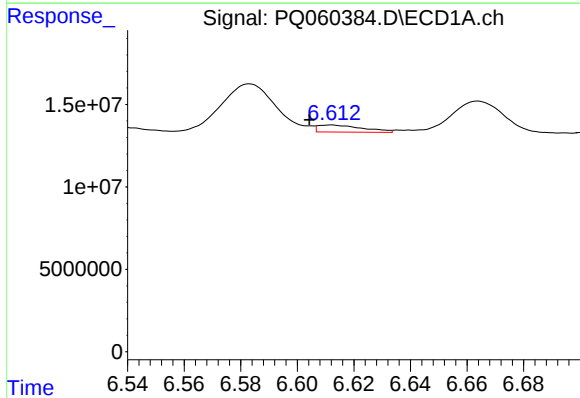
R.T.: 6.212 min
Delta R.T.: 0.020 min
Response: 841878
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



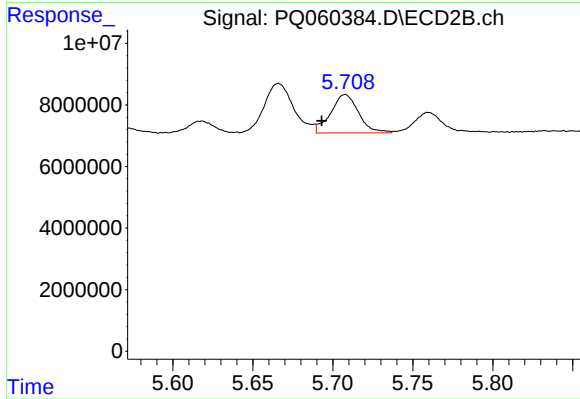
#29 AR-1254-4

R.T.: 5.297 min
Delta R.T.: 0.008 min
Response: 3935880
Conc: 7.07 ng/ml



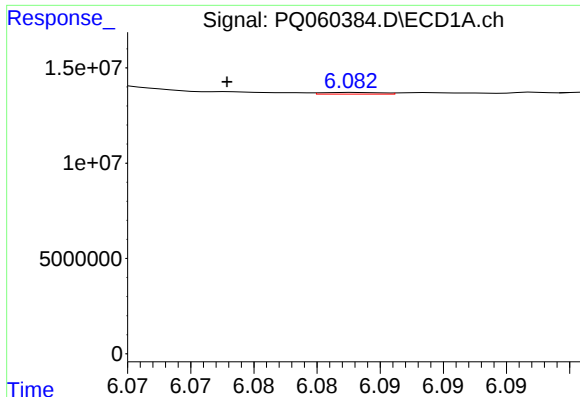
#30 AR-1254-5

R.T.: 6.612 min
Delta R.T.: 0.008 min
Response: 4703699
Conc: 4.26 ng/ml



#30 AR-1254-5

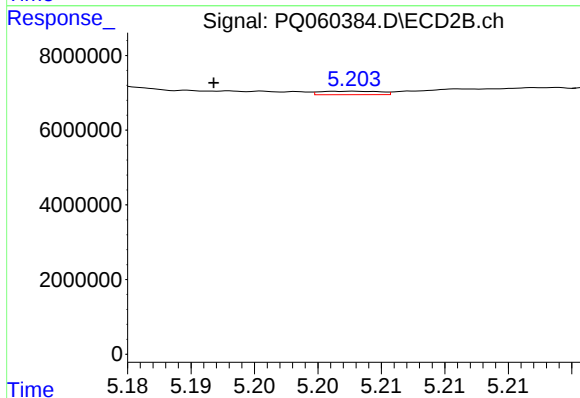
R.T.: 5.708 min
Delta R.T.: 0.015 min
Response: 15174987
Conc: 19.16 ng/ml



#31 AR-1260-1

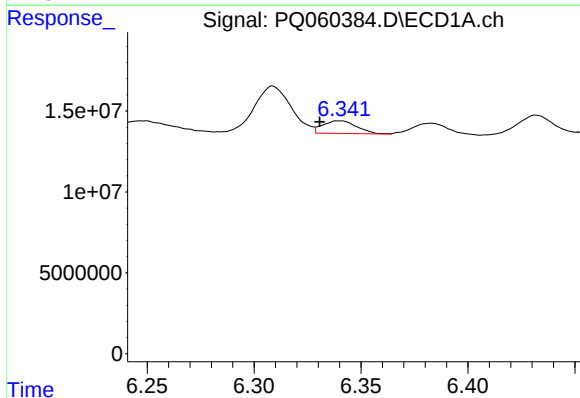
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 294190
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



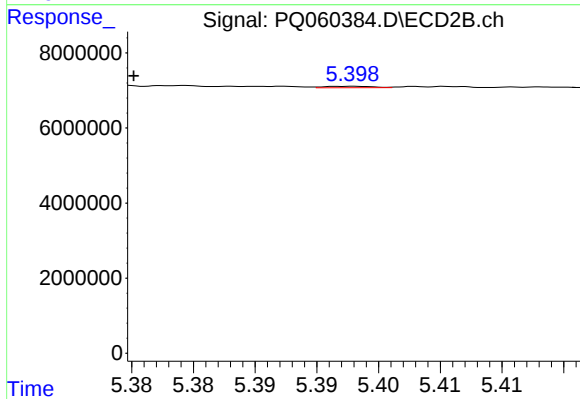
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: 0.011 min
Response: 302874
Conc: 0.51 ng/ml



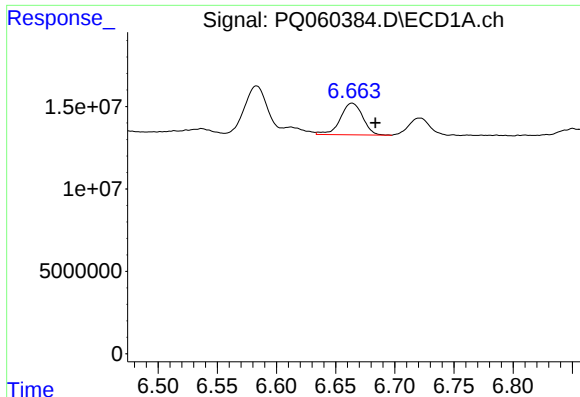
#32 AR-1260-2

R.T.: 6.340 min
Delta R.T.: 0.009 min
Response: 8633818
Conc: 6.53 ng/ml



#32 AR-1260-2

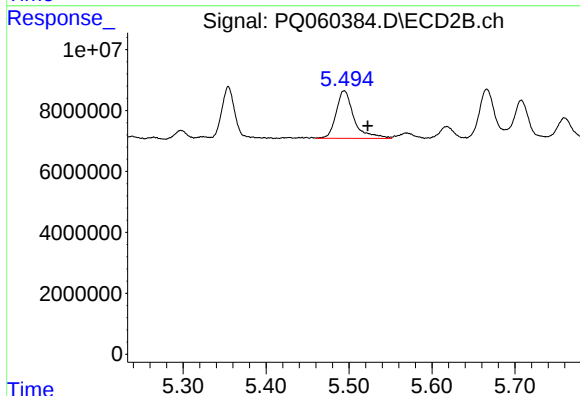
R.T.: 5.398 min
Delta R.T.: 0.018 min
Response: 107247
Conc: 0.15 ng/ml



#33 AR-1260-3

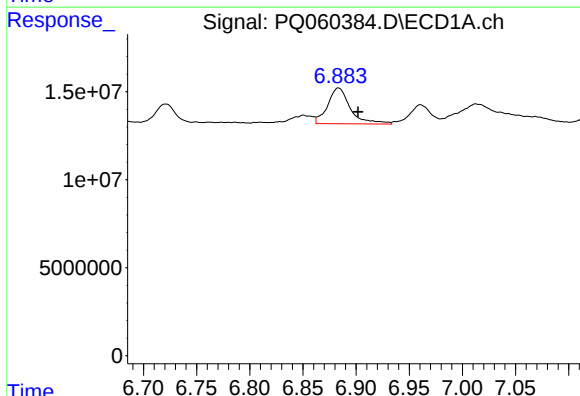
R.T.: 6.664 min
Delta R.T.: -0.020 min
Response: 25112799
Conc: 26.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



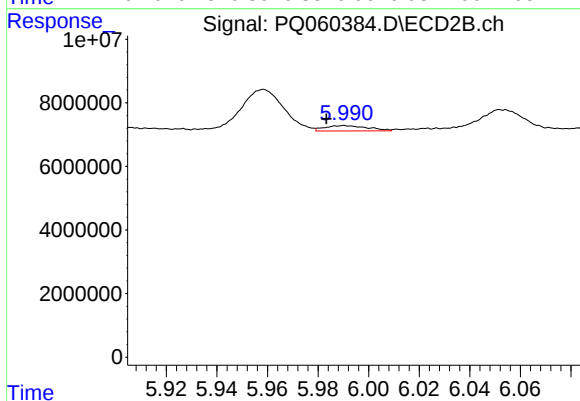
#33 AR-1260-3

R.T.: 5.494 min
Delta R.T.: -0.028 min
Response: 23330314
Conc: 32.83 ng/ml



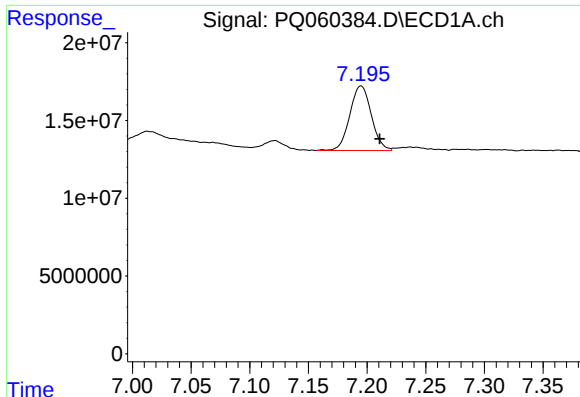
#34 AR-1260-4

R.T.: 6.883 min
Delta R.T.: -0.018 min
Response: 30147316
Conc: 28.01 ng/ml



#34 AR-1260-4

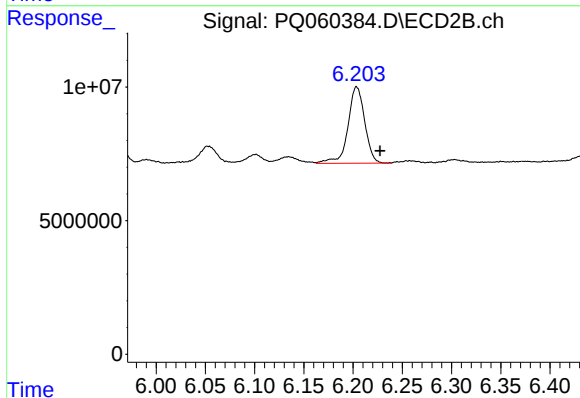
R.T.: 5.990 min
Delta R.T.: 0.007 min
Response: 1972580
Conc: 3.44 ng/ml



#35 AR-1260-5

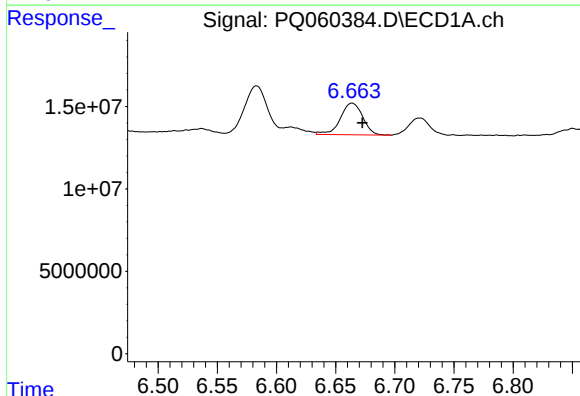
R.T.: 7.195 min
Delta R.T.: -0.016 min
Response: 53075717
Conc: 25.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



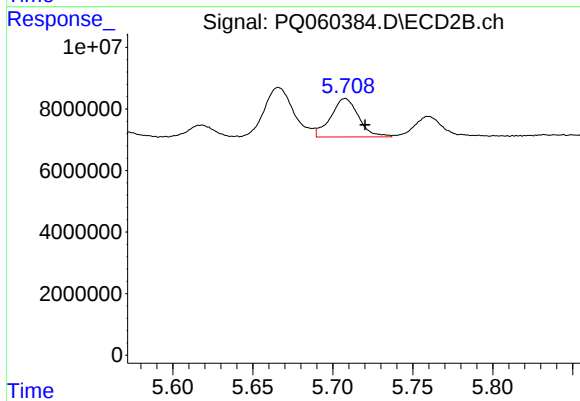
#35 AR-1260-5

R.T.: 6.203 min
Delta R.T.: -0.024 min
Response: 33814057
Conc: 25.20 ng/ml



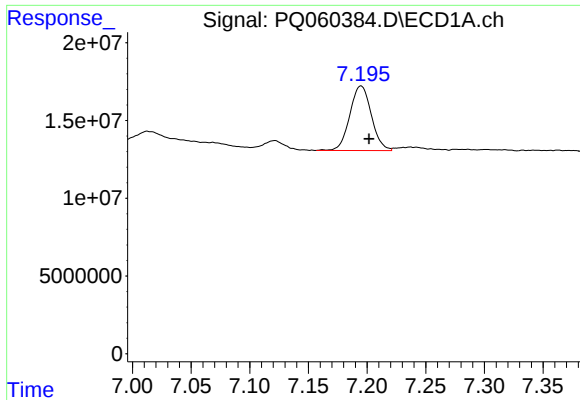
#36 AR-1262-1

R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 25112799
Conc: 20.14 ng/ml



#36 AR-1262-1

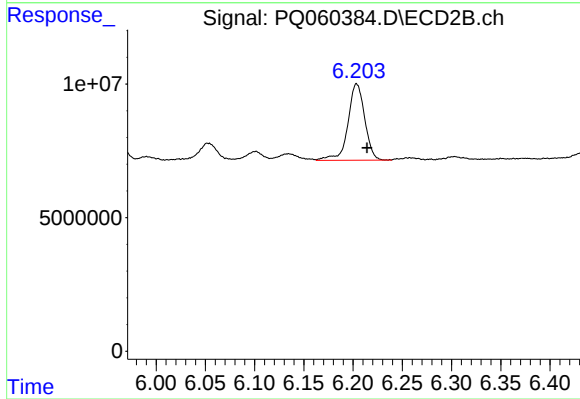
R.T.: 5.708 min
Delta R.T.: -0.012 min
Response: 15174987
Conc: 19.18 ng/ml



#37 AR-1262-2

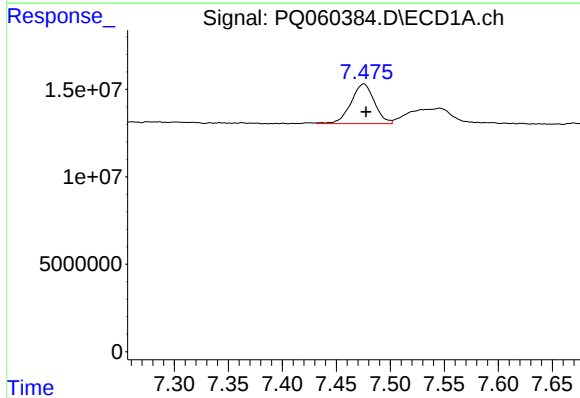
R.T.: 7.195 min
Delta R.T.: -0.007 min
Response: 53075717
Conc: 24.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



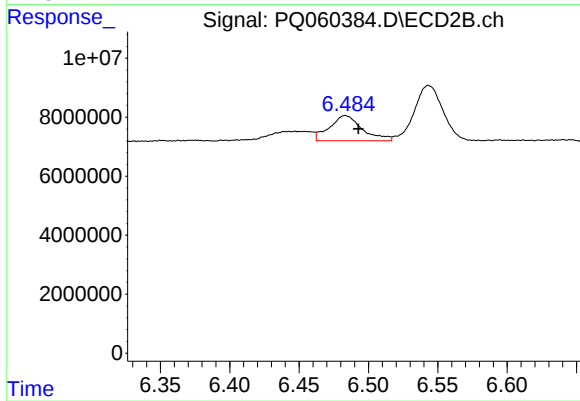
#37 AR-1262-2

R.T.: 6.203 min
Delta R.T.: -0.011 min
Response: 33814057
Conc: 23.35 ng/ml



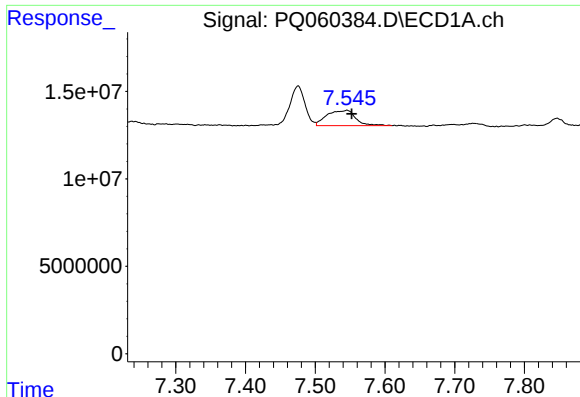
#38 AR-1262-3

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 34404963
Conc: 24.52 ng/ml



#38 AR-1262-3

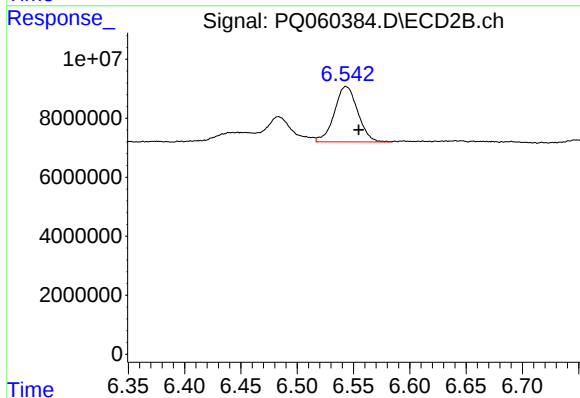
R.T.: 6.483 min
Delta R.T.: -0.010 min
Response: 13992113
Conc: 23.92 ng/ml



#39 AR-1262-4

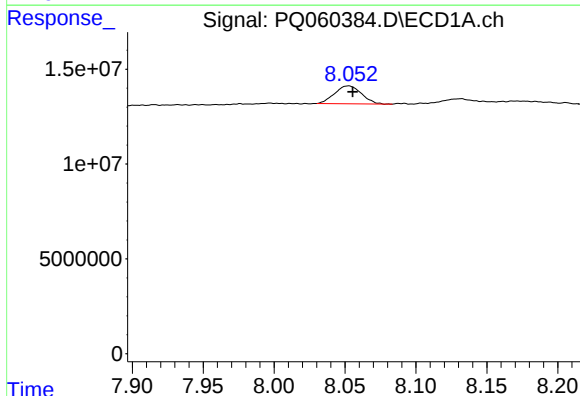
R.T.: 7.546 min
Delta R.T.: -0.007 min
Response: 24780462
Conc: 22.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



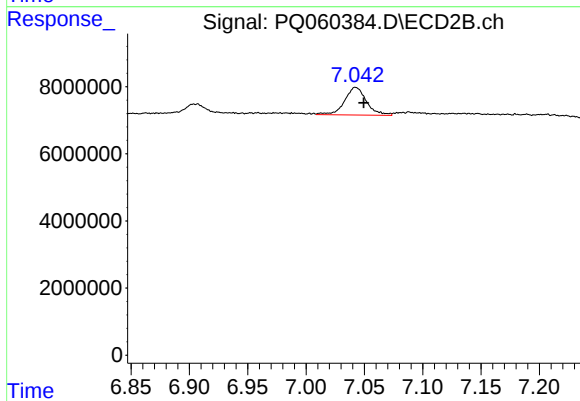
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.011 min
Response: 27068668
Conc: 24.62 ng/ml



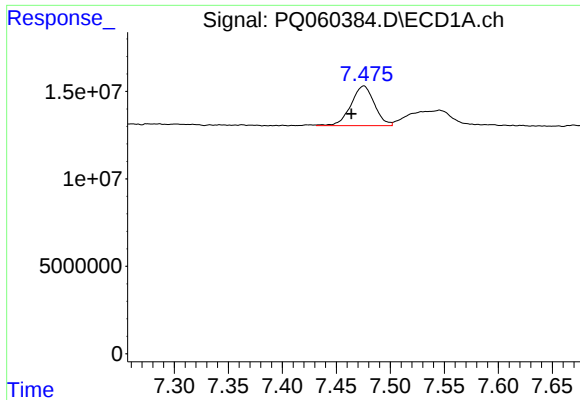
#40 AR-1262-5

R.T.: 8.052 min
Delta R.T.: -0.003 min
Response: 12409317
Conc: 17.83 ng/ml



#40 AR-1262-5

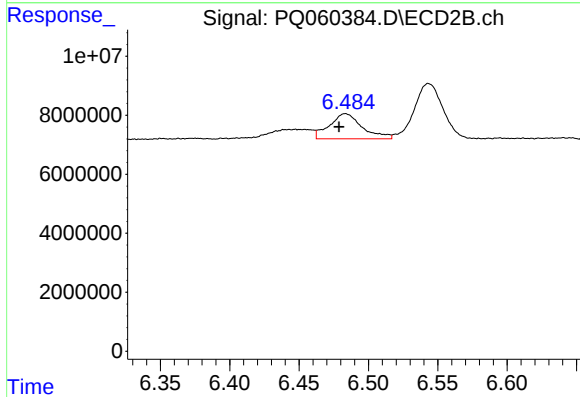
R.T.: 7.042 min
Delta R.T.: -0.007 min
Response: 10741724
Conc: 20.02 ng/ml



#41 AR-1268-1

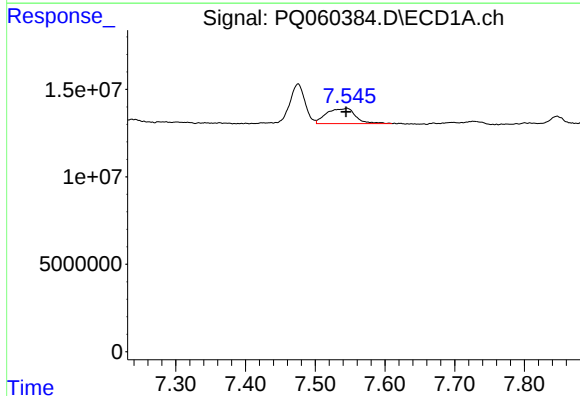
R.T.: 7.475 min
Delta R.T.: 0.011 min
Response: 34404963
Conc: 10.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



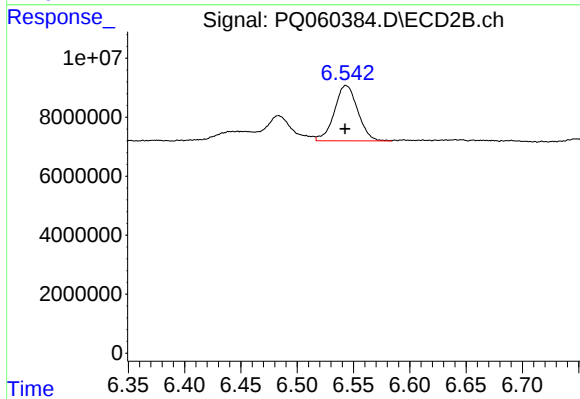
#41 AR-1268-1

R.T.: 6.483 min
Delta R.T.: 0.004 min
Response: 13992113
Conc: 6.13 ng/ml



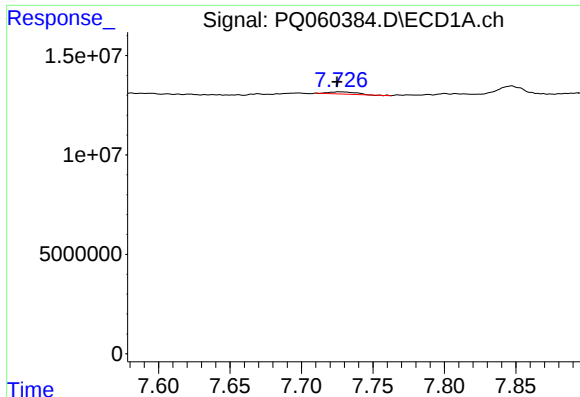
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: 0.001 min
Response: 24780462
Conc: 8.17 ng/ml



#42 AR-1268-2

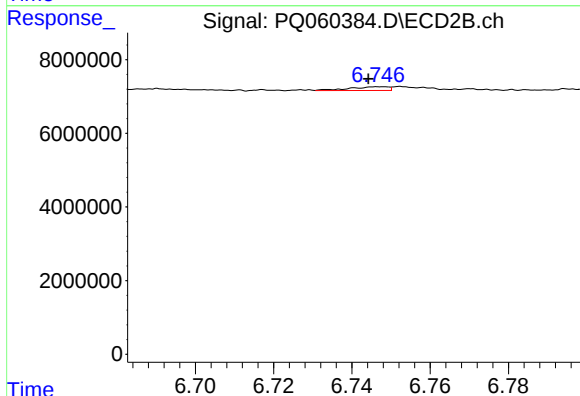
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 27068668
Conc: 12.81 ng/ml



#43 AR-1268-3

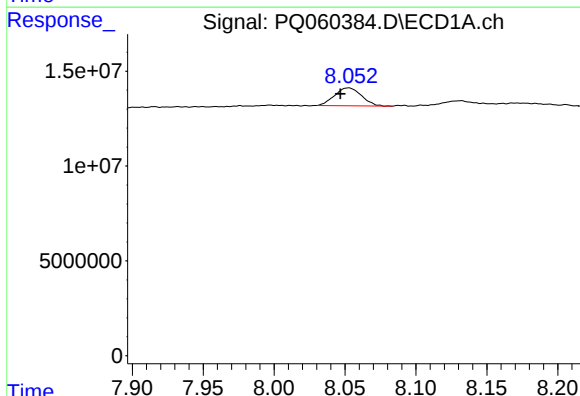
R.T.: 7.727 min
Delta R.T.: 0.002 min
Response: 1374866
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



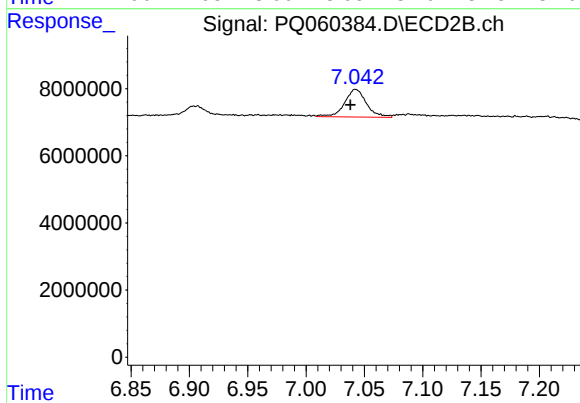
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 714383
Conc: 0.39 ng/ml



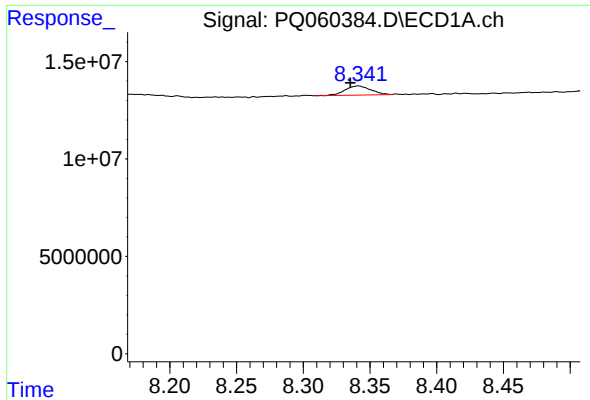
#44 AR-1268-4

R.T.: 8.052 min
Delta R.T.: 0.006 min
Response: 12409317
Conc: 11.77 ng/ml



#44 AR-1268-4

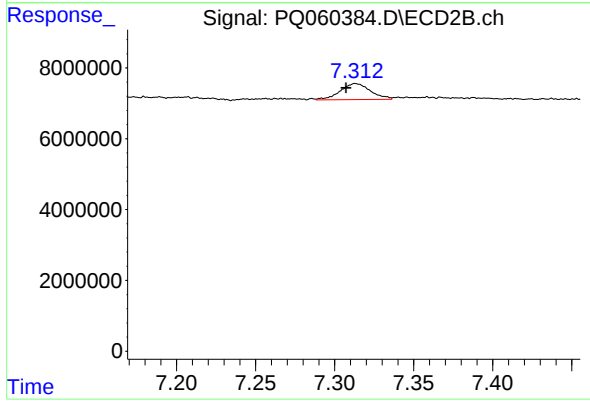
R.T.: 7.042 min
Delta R.T.: 0.004 min
Response: 10741724
Conc: 13.46 ng/ml



#45 AR-1268-5

R.T.: 8.341 min
Delta R.T.: 0.006 min
Response: 6283633
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 6042507
Conc: 1.04 ng/ml