

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
 Data File : PQ064580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 09:56
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 13:01:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.456	2.773	207.7E6	244.8E6	50.065	58.309
2)	SA Decachlor...	8.692	7.568	157.1E6	228.2E6	53.580	56.538
Target Compounds							
3)	L1 AR-1016-1	4.572	3.782	2070998	2297918	16.255	18.907
4)	L1 AR-1016-2	4.593	3.796	2701927	1786005	14.077	9.743 #
5)	L1 AR-1016-3	4.650	3.959	1299579	1353408	10.953	13.909 #
6)	L1 AR-1016-4	4.746	4.008	995853	49577098	10.722	593.647 #
7)	L1 AR-1016-5	5.032	4.203	27189843	28995526	279.080	286.406
8)	L2 AR-1221-1	3.668	2.978	841056	58811	16.565	1.039 #
9)	L2 AR-1221-2	3.738	3.043	3044117	3589160	83.085	85.203
10)	L2 AR-1221-3	3.810	3.123	714859	929530	6.321	7.299
11)	L3 AR-1232-1	3.810	3.123	714859	929530	8.283	9.650
12)	L3 AR-1232-2	4.304	3.796	2123046	1786005	43.521	21.366 #
13)	L3 AR-1232-3	4.593	3.959	2701927	1353408	31.652	30.398
14)	L3 AR-1232-4	4.746	4.044	995853	15243056	24.173	399.011 #
15)	L3 AR-1232-5	4.840	4.203	45673675	28995526	1493.795	681.316 #
16)	L4 AR-1242-1	4.572	3.782	2070998	2297918	19.983	22.145
17)	L4 AR-1242-2	4.593	3.796	2701927	1786005	17.416	11.561 #
18)	L4 AR-1242-3	4.650	3.959	1299579	1353408	13.417	16.503
19)	L4 AR-1242-4	4.746	4.044	995853	15243056	13.100	195.356 #
20)	L4 AR-1242-5	5.467	4.542	24230396	107.7E6	291.879	1116.431 #
21)	L5 AR-1248-1	4.572	3.782	2070998	2297918	26.594	28.401
22)	L5 AR-1248-2	4.840	4.008	45673675	49577098	409.266	404.424
23)	L5 AR-1248-3	5.032	4.044	27189843	15243056	204.306	130.629 #
24)	L5 AR-1248-4	5.429	4.203	38030047	28995526	265.714	206.840
25)	L5 AR-1248-5	5.467	4.580	24230396	13834345	172.805	103.963 #
26)	L6 AR-1254-1	5.402	4.542	77627422	107.7E6	506.812	514.184
27)	L6 AR-1254-2	5.620	4.689	119.7E6	93452964	512.489	505.201
28)	L6 AR-1254-3	5.976	5.072	124.4E6	142.0E6	506.128	501.752
29)	L6 AR-1254-4	6.263	5.300	88773626	88832283	510.924	478.503
30)	L6 AR-1254-5	6.679	5.707	98584123	131.3E6	510.792	505.763
31)	L7 AR-1260-1	6.143	5.203	50115695	70438546	267.610	364.230 #
32)	L7 AR-1260-2	6.405	5.393	52598020	59636335	242.612	256.250
33)	L7 AR-1260-3	6.759	5.530	4216336	60286971	25.868	277.350 #
34)	L7 AR-1260-4	6.957	5.999	39505621	7104900	230.288	38.572 #
35)	L7 AR-1260-5	7.291	6.246	13908460	19652106	41.166	45.320
36)	L8 AR-1262-1	6.759	5.802	4216336	4369599	17.139	38.362 #
37)	L8 AR-1262-2	7.291	5.999	13908460	7104900	34.693	27.891
38)	L8 AR-1262-3	7.573	6.526	11412937	990488	42.196	4.398 #
39)	L8 AR-1262-4	7.659	6.580	1059941	21640996	5.022	50.004 #
40)	L8 AR-1262-5	8.152	7.083	678818	1342151	4.980	5.113
41)	L9 AR-1268-1	7.573	6.526	11412937	990488	23.862	1.505 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 09:56
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

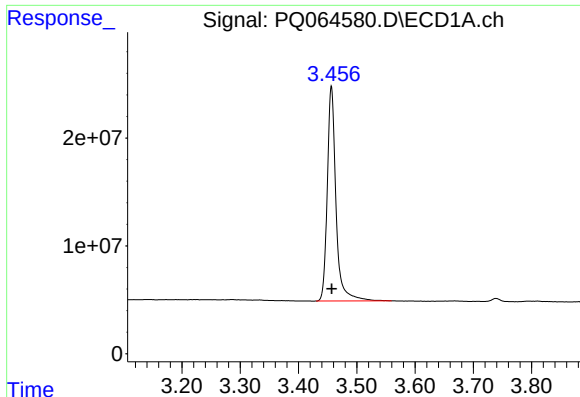
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 13:01:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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
42) L9	AR-1268-2	7.659	6.580	1059941	21640996	2.437	34.858 #
43) L9	AR-1268-3	7.829	6.788	261925	780125	0.693	1.219 #
44) L9	AR-1268-4	8.152	7.083	678818	1342151	4.435	4.460
45) L9	AR-1268-5	8.452	7.352	1265424	1713013	1.163	0.907

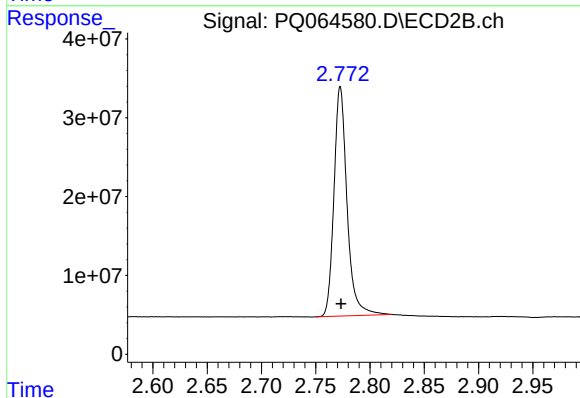
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

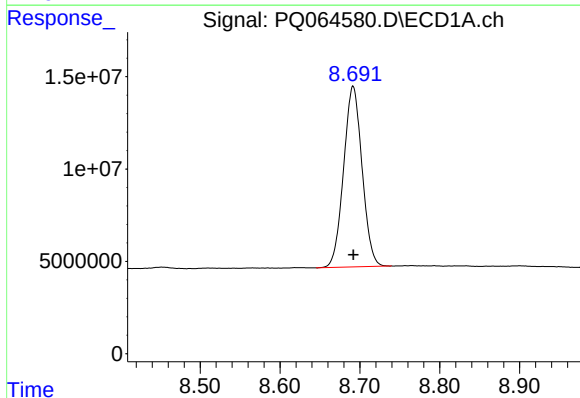
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 207700633
Conc: 50.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



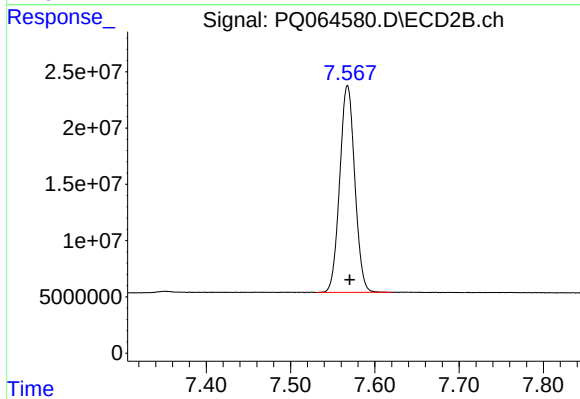
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 244805213
Conc: 58.31 ng/ml



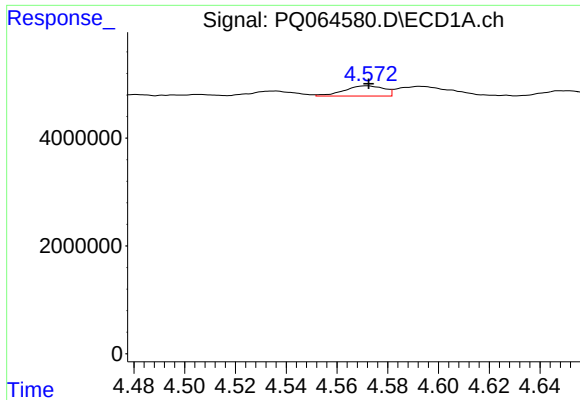
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 157067009
Conc: 53.58 ng/ml



#2 Decachlorobiphenyl

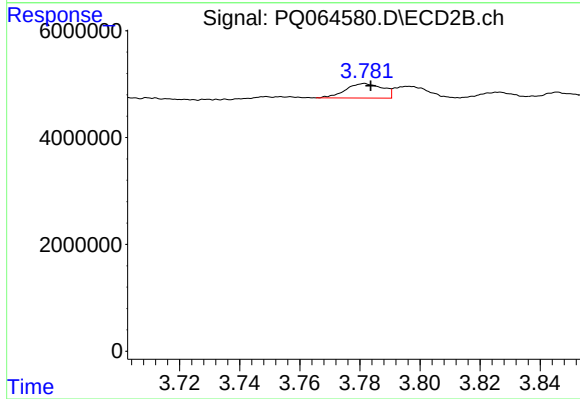
R.T.: 7.568 min
Delta R.T.: -0.003 min
Response: 228199764
Conc: 56.54 ng/ml



#3 AR-1016-1

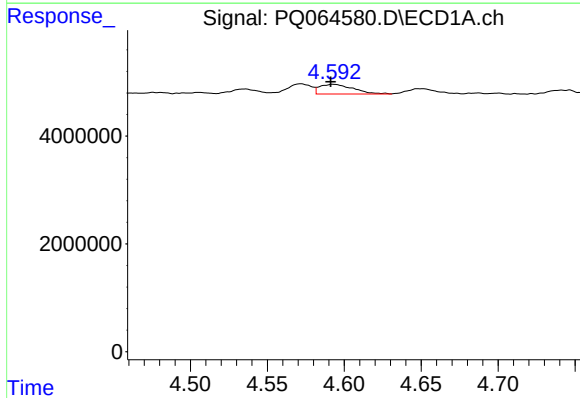
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2070998
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



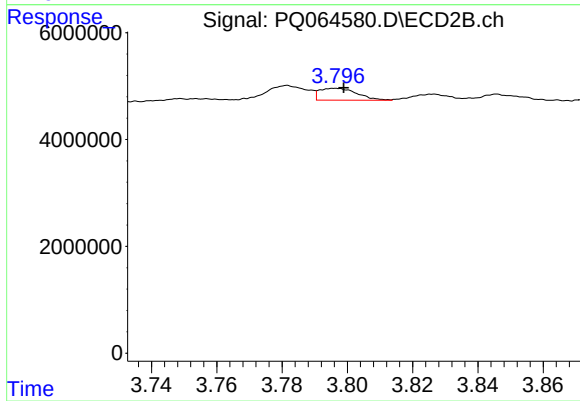
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 2297918
Conc: 18.91 ng/ml



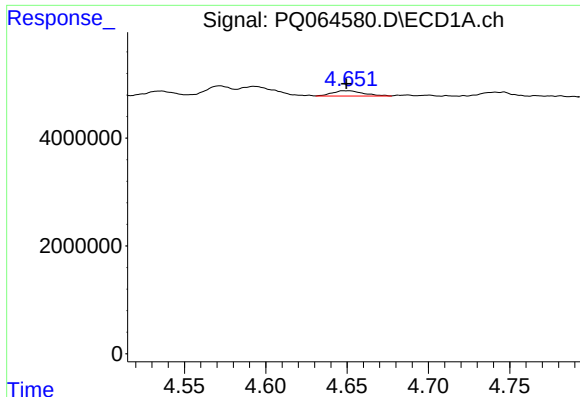
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: 0.002 min
Response: 2701927
Conc: 14.08 ng/ml



#4 AR-1016-2

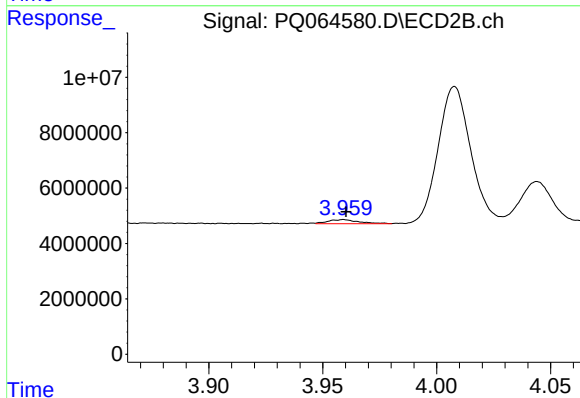
R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 1786005
Conc: 9.74 ng/ml



#5 AR-1016-3

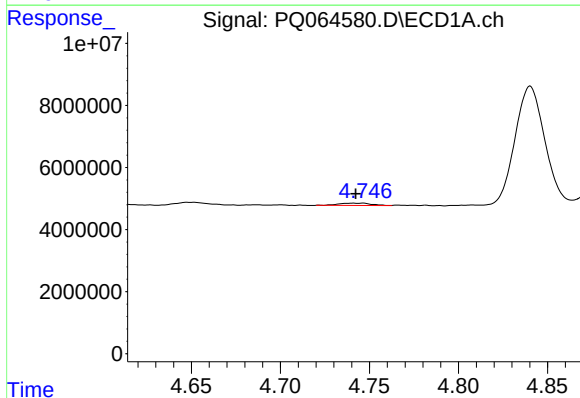
R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1299579
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



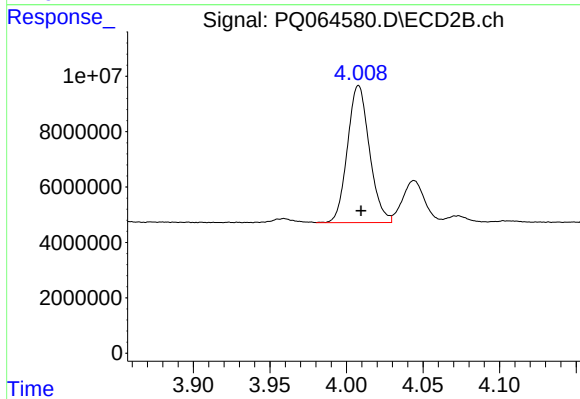
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 1353408
Conc: 13.91 ng/ml



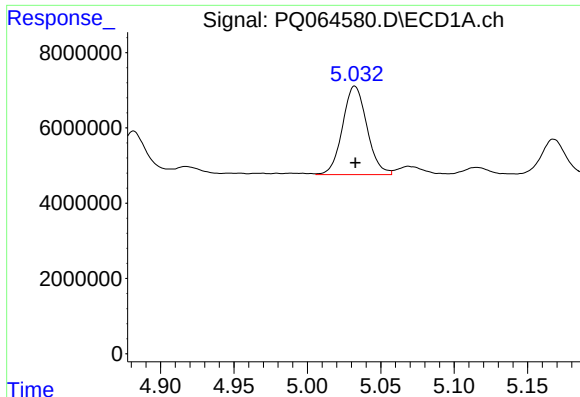
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: 0.004 min
Response: 995853
Conc: 10.72 ng/ml



#6 AR-1016-4

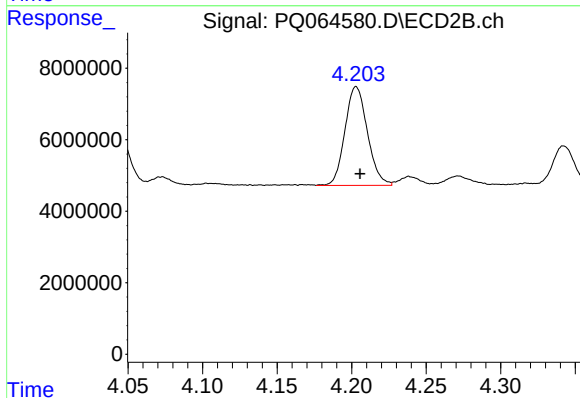
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 49577098
Conc: 593.65 ng/ml



#7 AR-1016-5

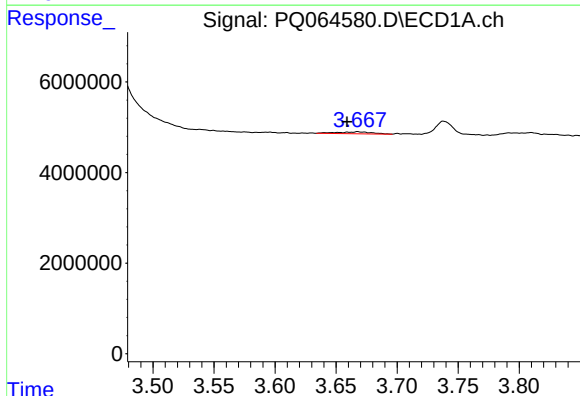
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 27189843
Conc: 279.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



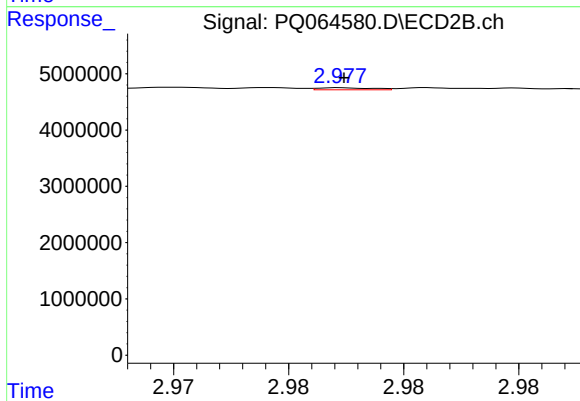
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.003 min
Response: 28995526
Conc: 286.41 ng/ml



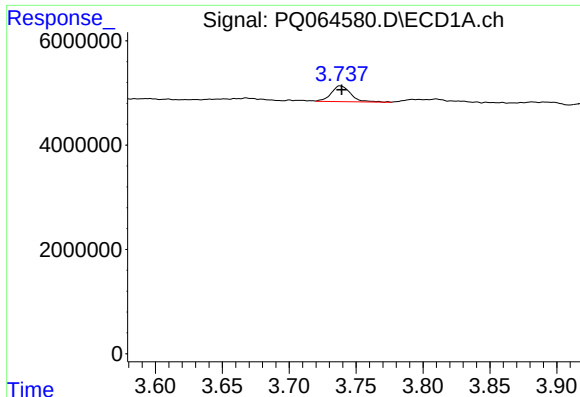
#8 AR-1221-1

R.T.: 3.668 min
Delta R.T.: 0.009 min
Response: 841056
Conc: 16.56 ng/ml



#8 AR-1221-1

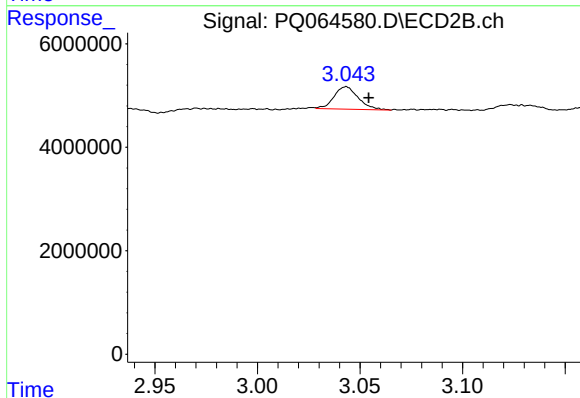
R.T.: 2.978 min
Delta R.T.: 0.000 min
Response: 58811
Conc: 1.04 ng/ml



#9 AR-1221-2

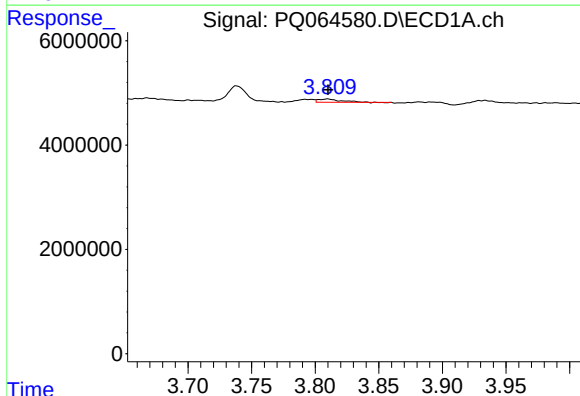
R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 3044117
Conc: 83.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



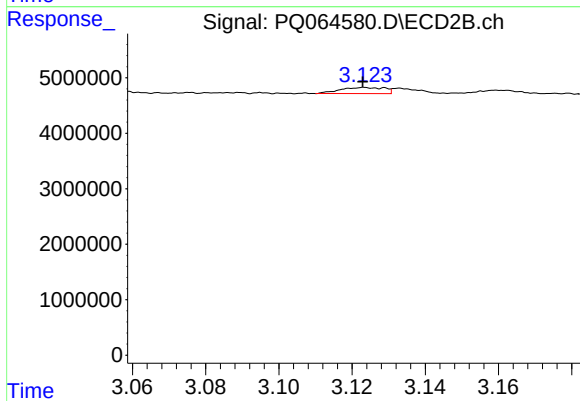
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: -0.011 min
Response: 3589160
Conc: 85.20 ng/ml



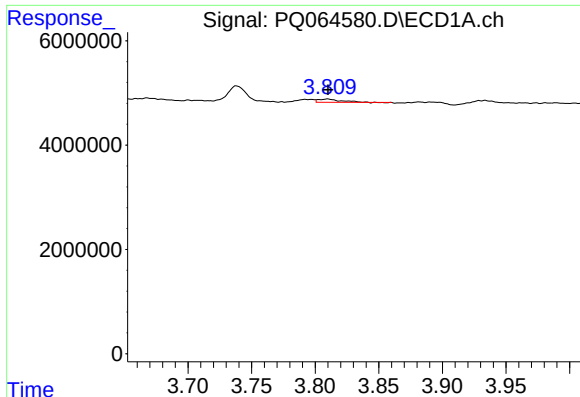
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 714859
Conc: 6.32 ng/ml



#10 AR-1221-3

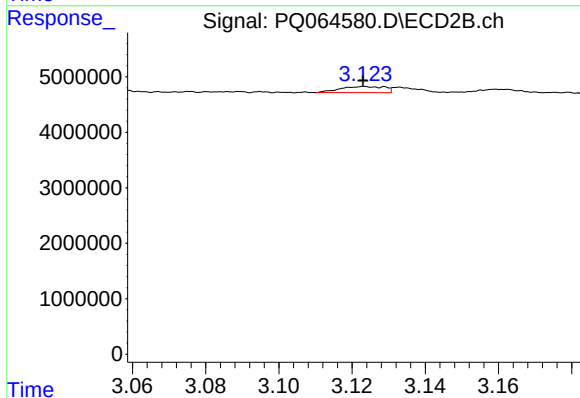
R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 929530
Conc: 7.30 ng/ml



#11 AR-1232-1

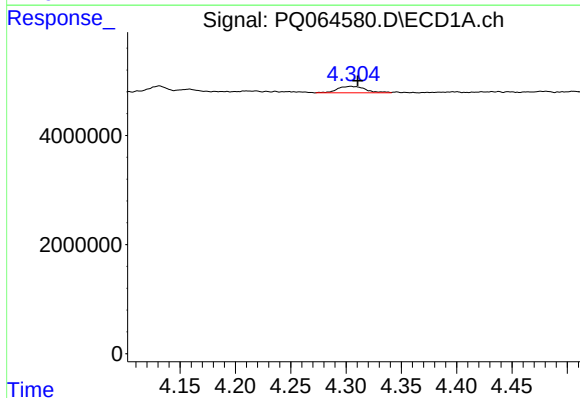
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 714859
Conc: 8.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



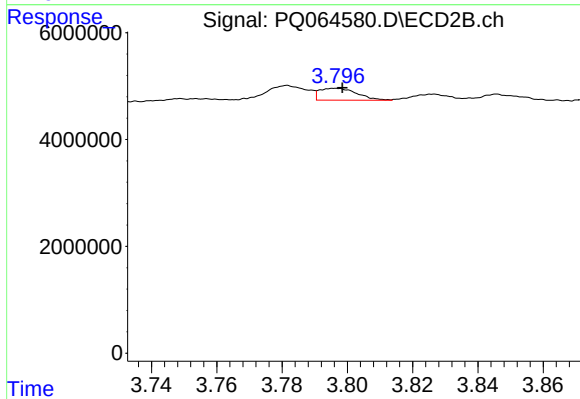
#11 AR-1232-1

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 929530
Conc: 9.65 ng/ml



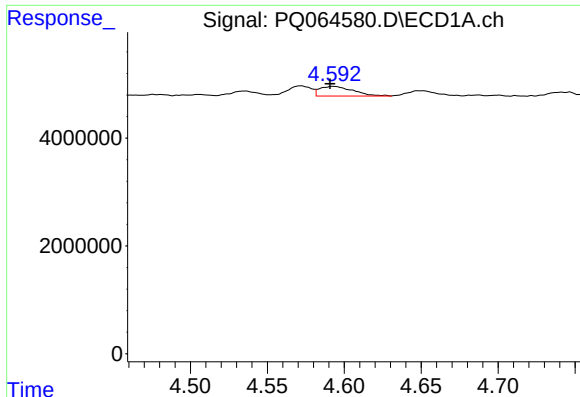
#12 AR-1232-2

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 2123046
Conc: 43.52 ng/ml



#12 AR-1232-2

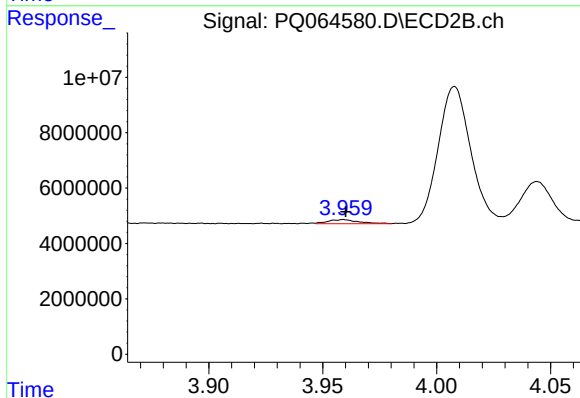
R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 1786005
Conc: 21.37 ng/ml



#13 AR-1232-3

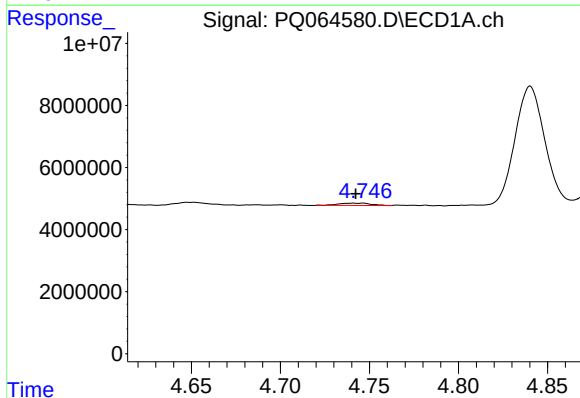
R.T.: 4.593 min
Delta R.T.: 0.002 min
Response: 2701927
Conc: 31.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



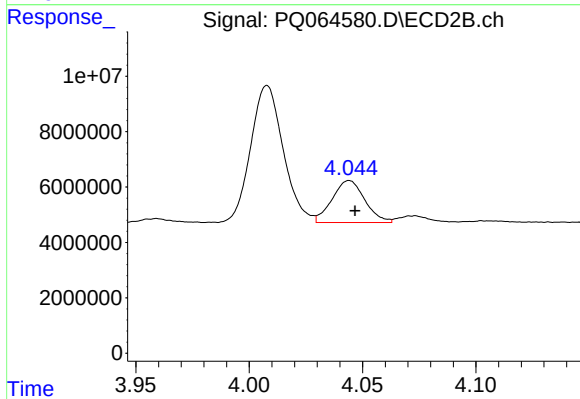
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 1353408
Conc: 30.40 ng/ml



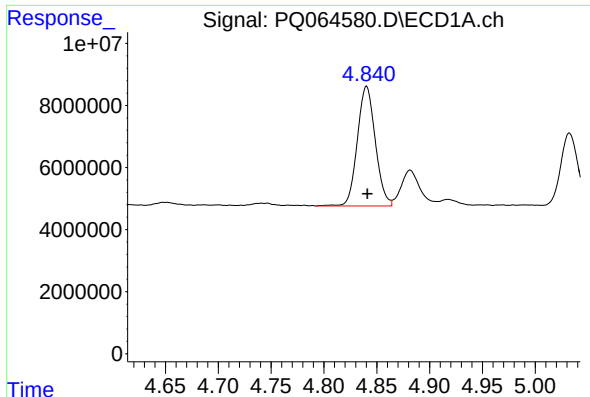
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: 0.004 min
Response: 995853
Conc: 24.17 ng/ml



#14 AR-1232-4

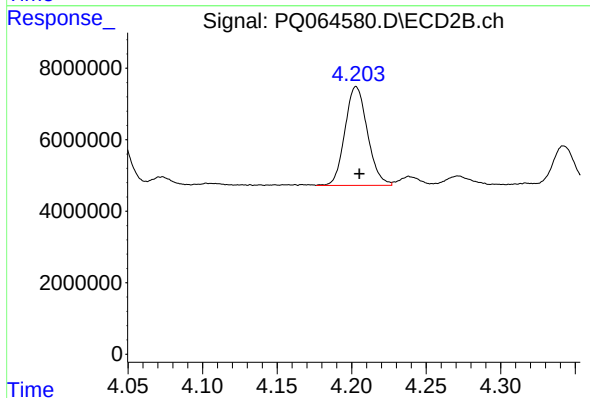
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 15243056
Conc: 399.01 ng/ml



#15 AR-1232-5

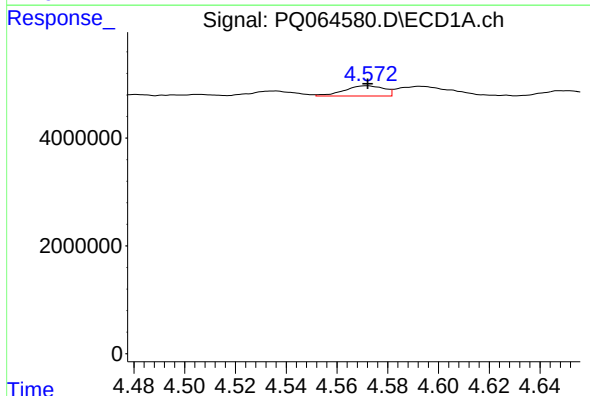
R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 45673675
Conc: 1493.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



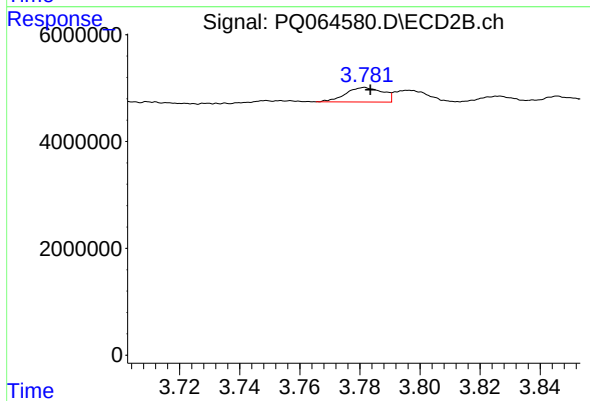
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 28995526
Conc: 681.32 ng/ml



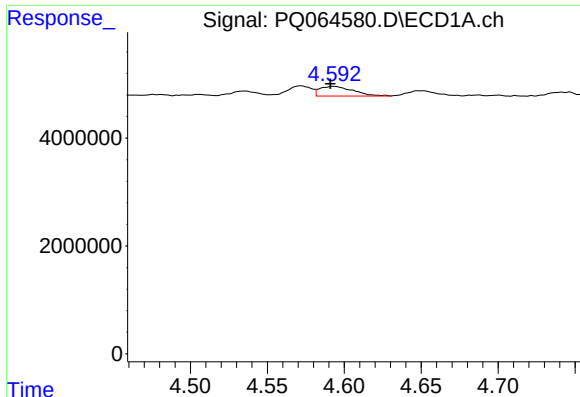
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2070998
Conc: 19.98 ng/ml



#16 AR-1242-1

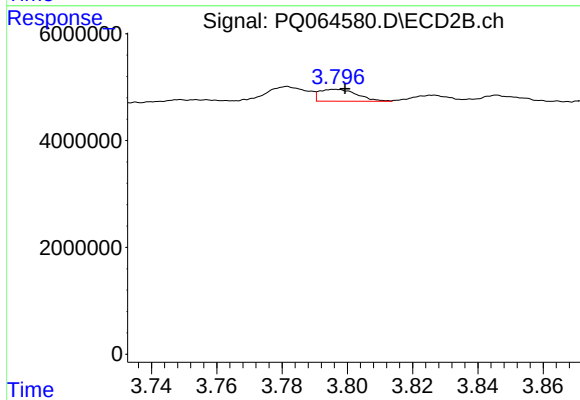
R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 2297918
Conc: 22.14 ng/ml



#17 AR-1242-2

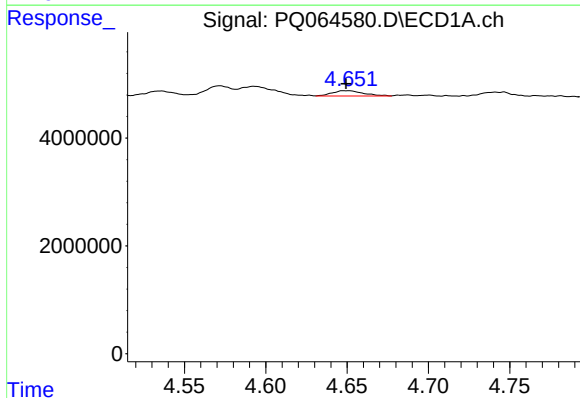
R.T.: 4.593 min
Delta R.T.: 0.002 min
Response: 2701927
Conc: 17.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



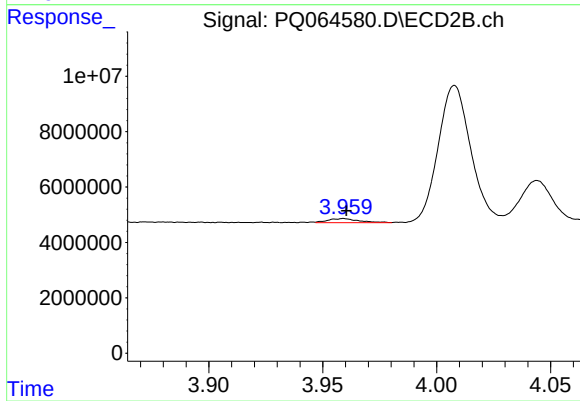
#17 AR-1242-2

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 1786005
Conc: 11.56 ng/ml



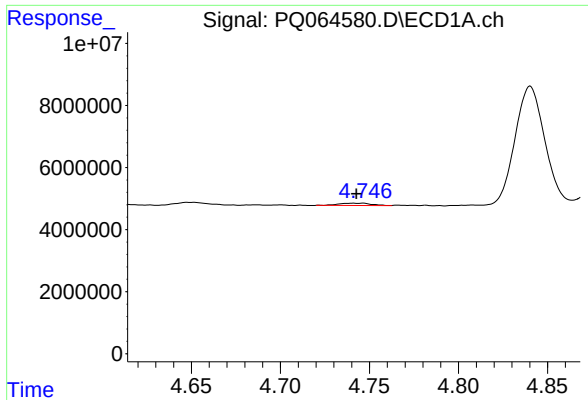
#18 AR-1242-3

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1299579
Conc: 13.42 ng/ml



#18 AR-1242-3

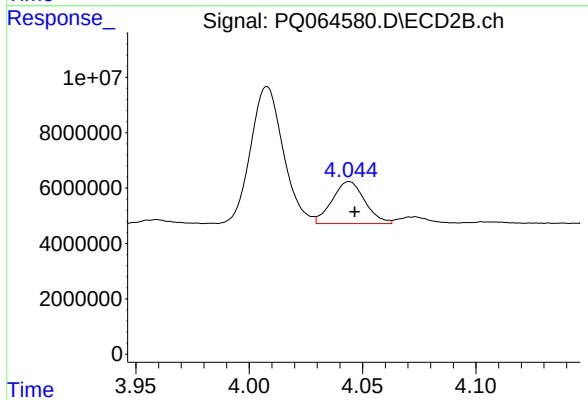
R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 1353408
Conc: 16.50 ng/ml



#19 AR-1242-4

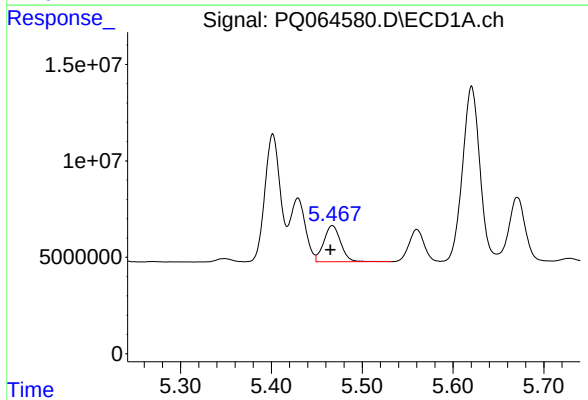
R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 995853
Conc: 13.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



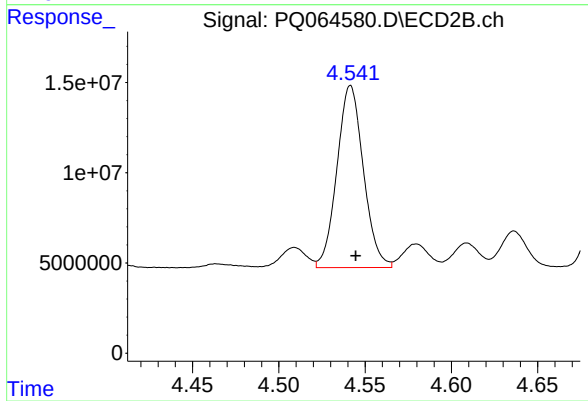
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 15243056
Conc: 195.36 ng/ml



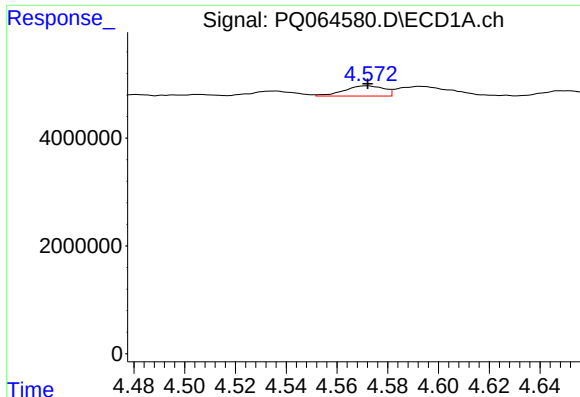
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 24230396
Conc: 291.88 ng/ml



#20 AR-1242-5

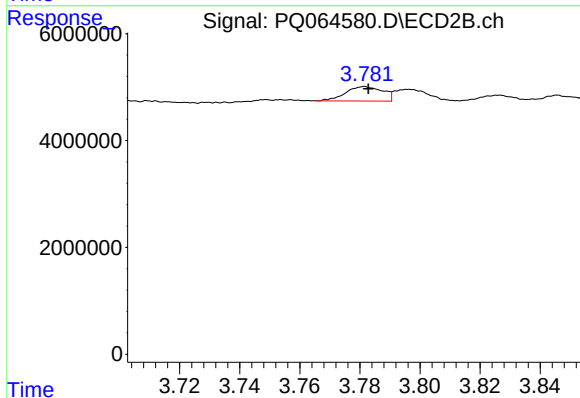
R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 107662064
Conc: 1116.43 ng/ml



#21 AR-1248-1

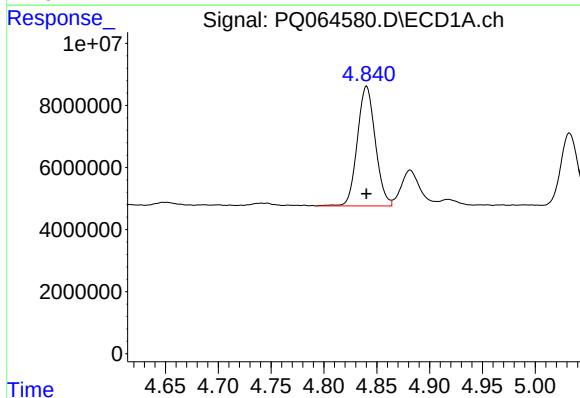
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2070998
Conc: 26.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



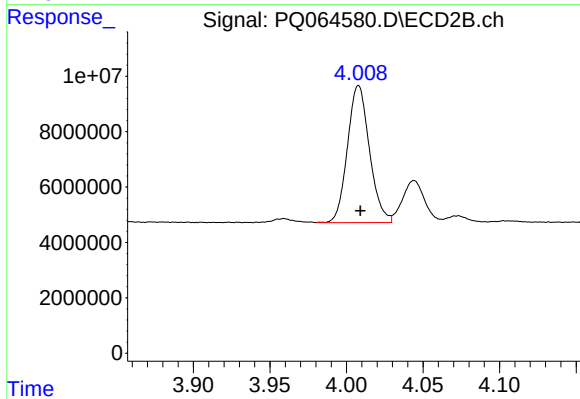
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 2297918
Conc: 28.40 ng/ml



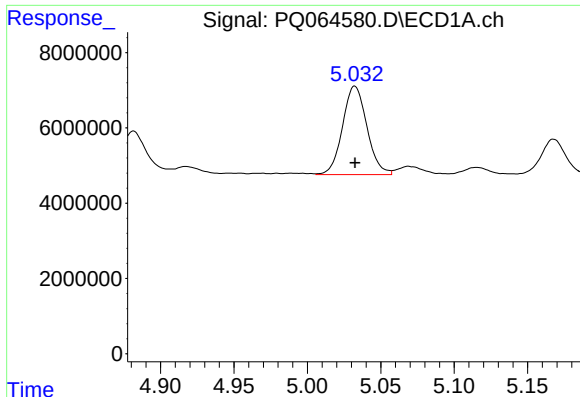
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 45673675
Conc: 409.27 ng/ml



#22 AR-1248-2

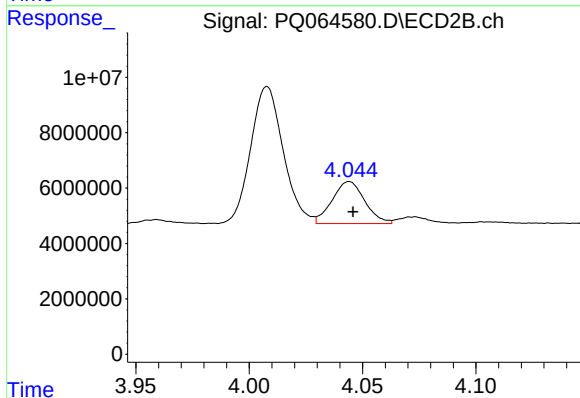
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 49577098
Conc: 404.42 ng/ml



#23 AR-1248-3

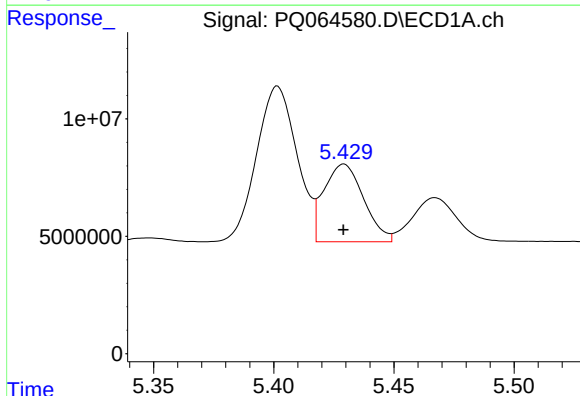
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 27189843
Conc: 204.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



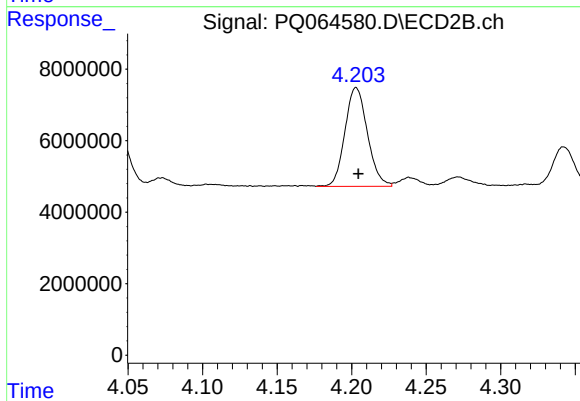
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 15243056
Conc: 130.63 ng/ml



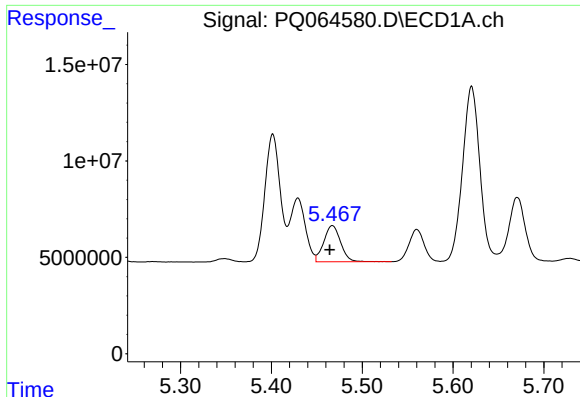
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 38030047
Conc: 265.71 ng/ml



#24 AR-1248-4

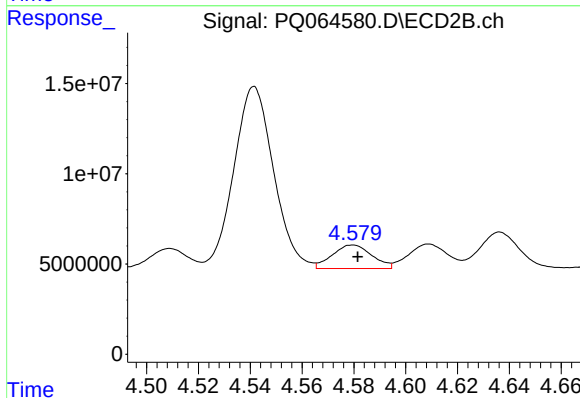
R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 28995526
Conc: 206.84 ng/ml



#25 AR-1248-5

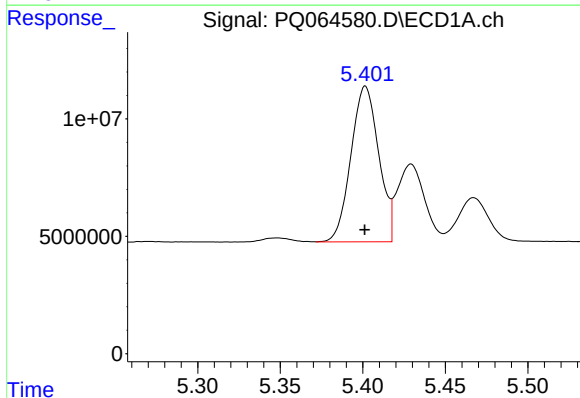
R.T.: 5.467 min
Delta R.T.: 0.003 min
Response: 24230396
Conc: 172.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



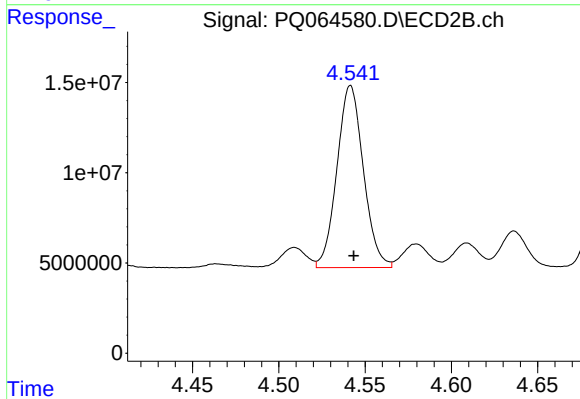
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 13834345
Conc: 103.96 ng/ml



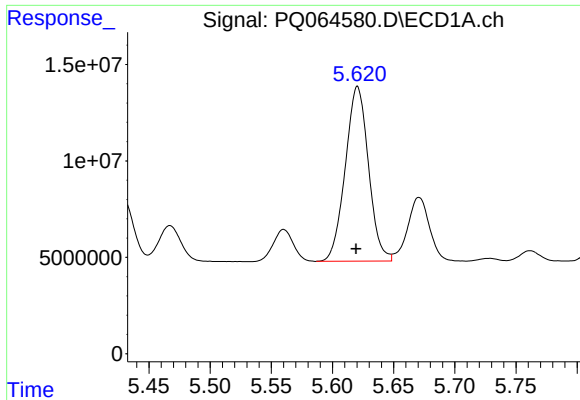
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 77627422
Conc: 506.81 ng/ml



#26 AR-1254-1

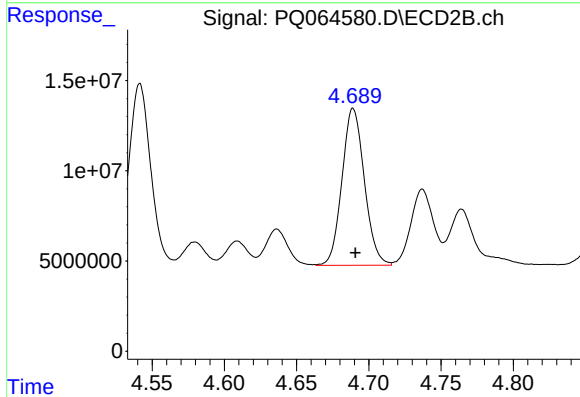
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 107662064
Conc: 514.18 ng/ml



#27 AR-1254-2

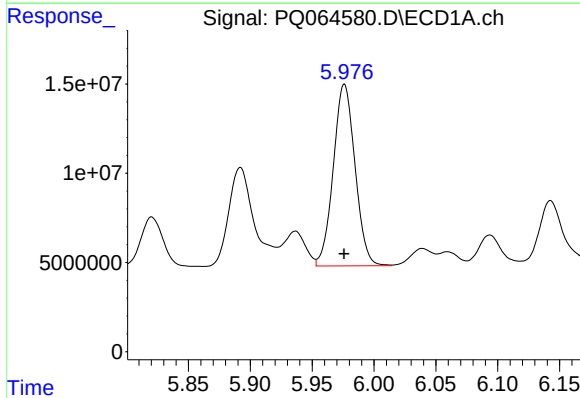
R.T.: 5.620 min
Delta R.T.: 0.001 min
Response: 119671086
Conc: 512.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



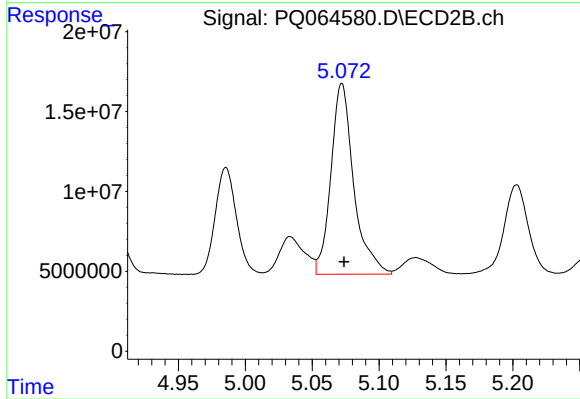
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 93452964
Conc: 505.20 ng/ml



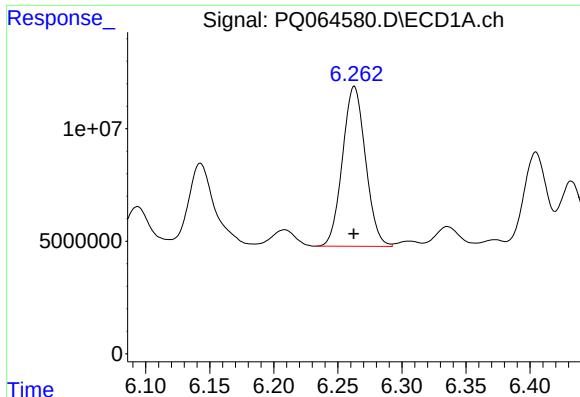
#28 AR-1254-3

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 124403608
Conc: 506.13 ng/ml



#28 AR-1254-3

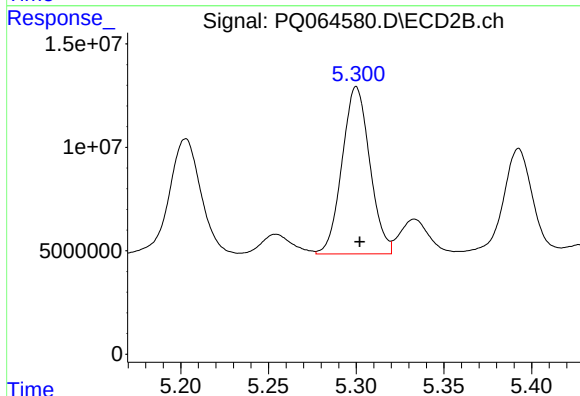
R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 141950694
Conc: 501.75 ng/ml



#29 AR-1254-4

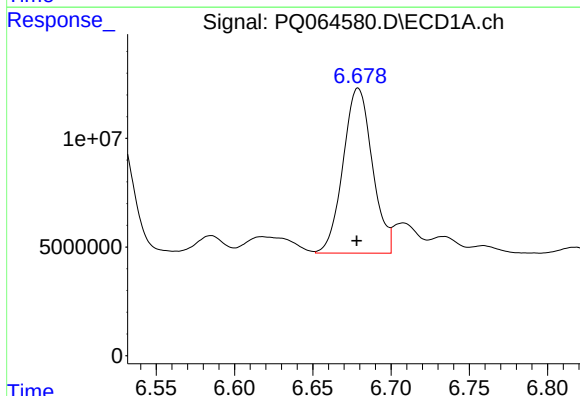
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 88773626
Conc: 510.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



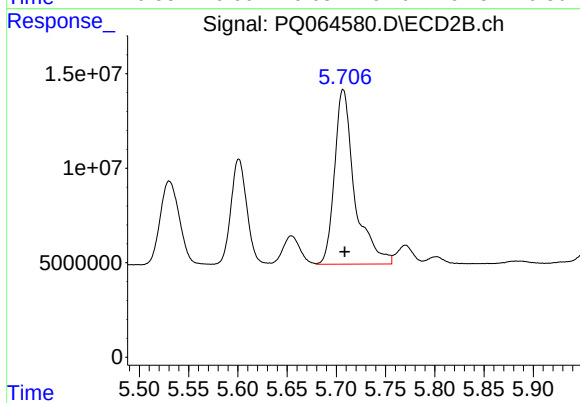
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 88832283
Conc: 478.50 ng/ml



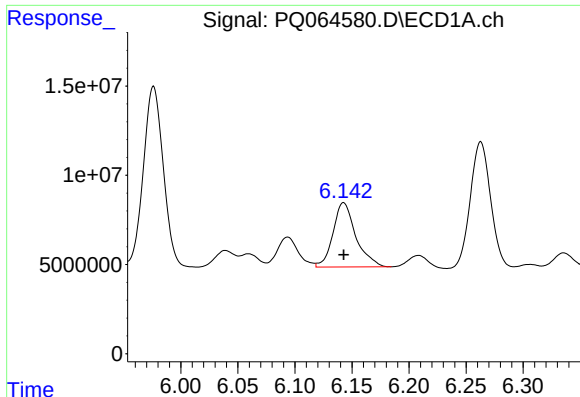
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 98584123
Conc: 510.79 ng/ml



#30 AR-1254-5

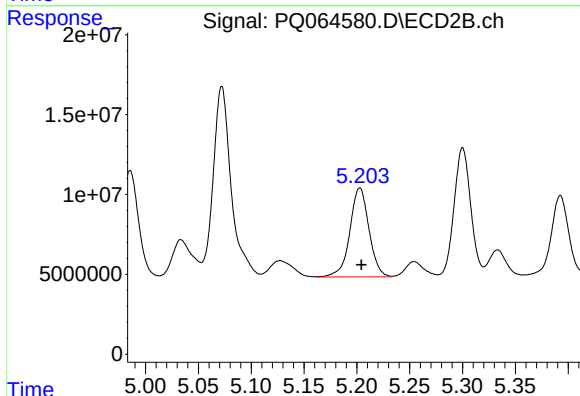
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 131321719
Conc: 505.76 ng/ml



#31 AR-1260-1

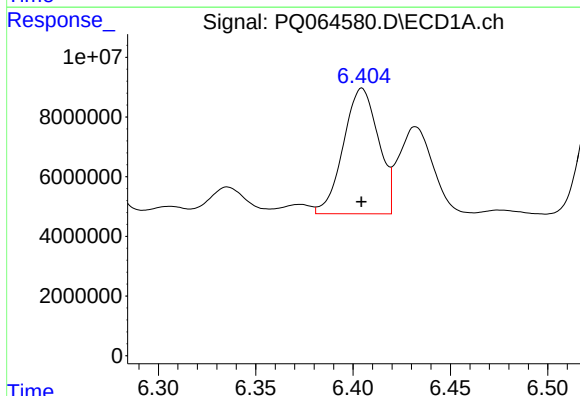
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 50115695
Conc: 267.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



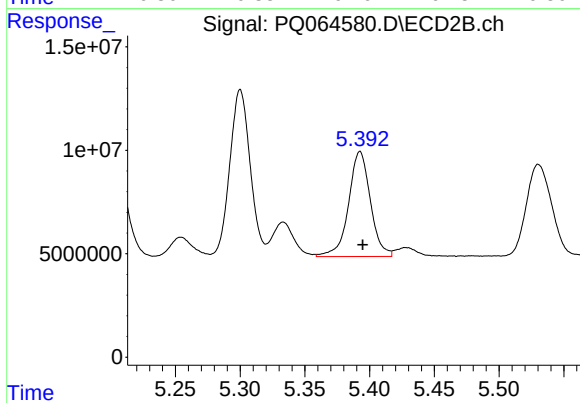
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 70438546
Conc: 364.23 ng/ml



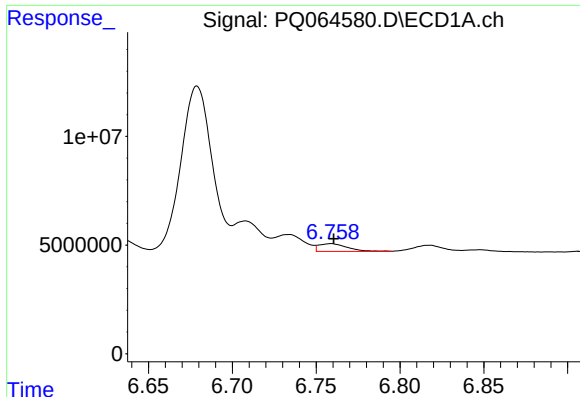
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 52598020
Conc: 242.61 ng/ml



#32 AR-1260-2

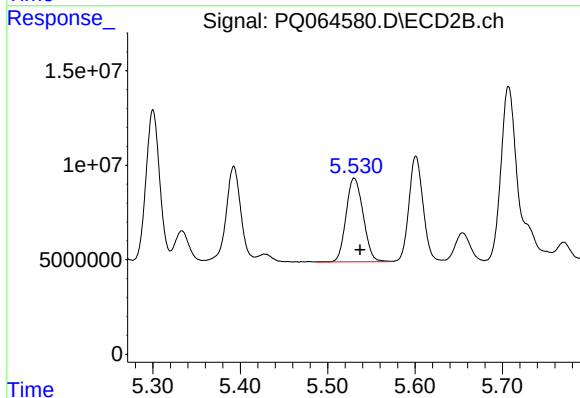
R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 59636335
Conc: 256.25 ng/ml



#33 AR-1260-3

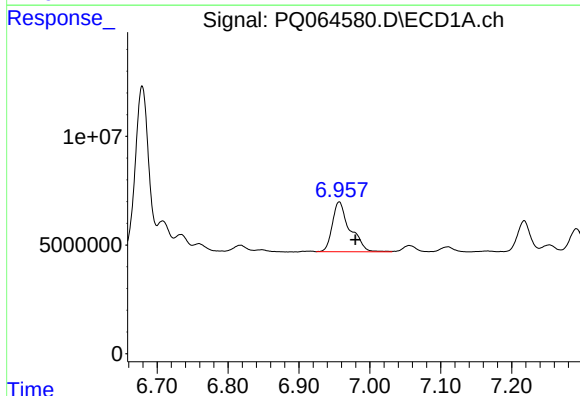
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 4216336
Conc: 25.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



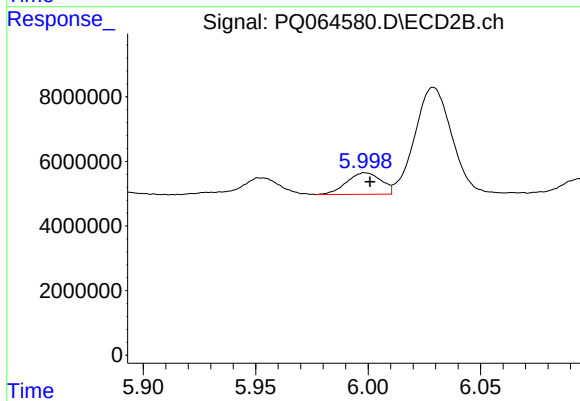
#33 AR-1260-3

R.T.: 5.530 min
Delta R.T.: -0.006 min
Response: 60286971
Conc: 277.35 ng/ml



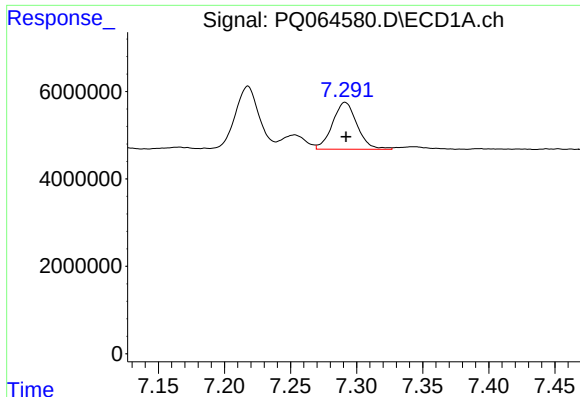
#34 AR-1260-4

R.T.: 6.957 min
Delta R.T.: -0.023 min
Response: 39505621
Conc: 230.29 ng/ml



#34 AR-1260-4

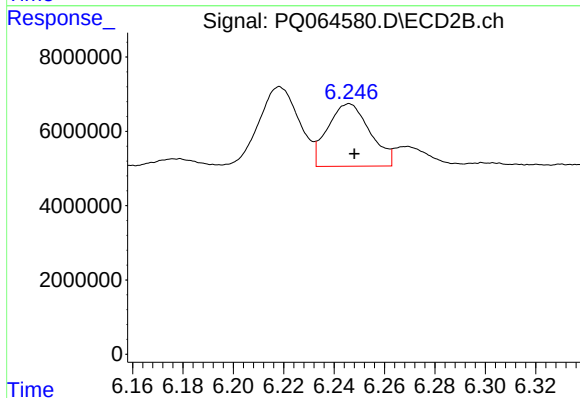
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 7104900
Conc: 38.57 ng/ml



#35 AR-1260-5

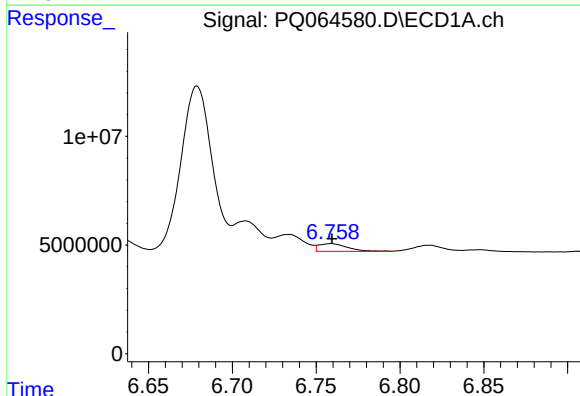
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 13908460
Conc: 41.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



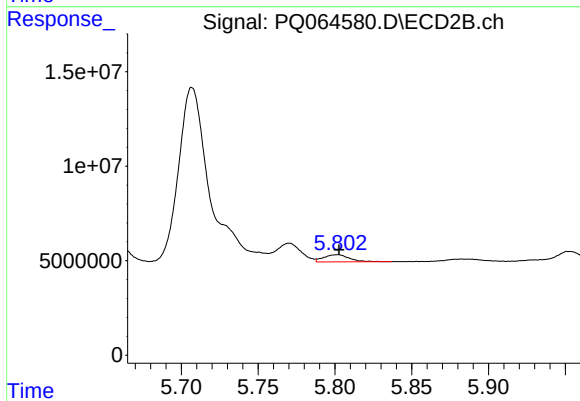
#35 AR-1260-5

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 19652106
Conc: 45.32 ng/ml



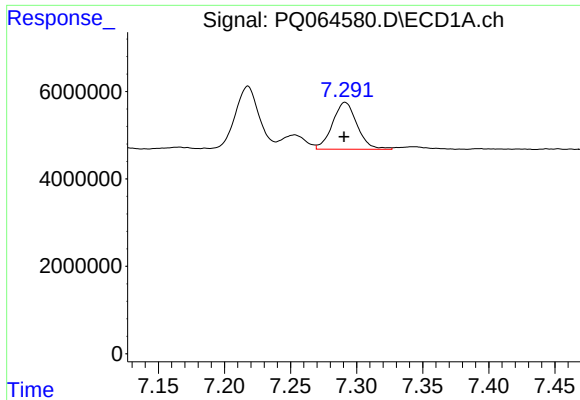
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 4216336
Conc: 17.14 ng/ml



#36 AR-1262-1

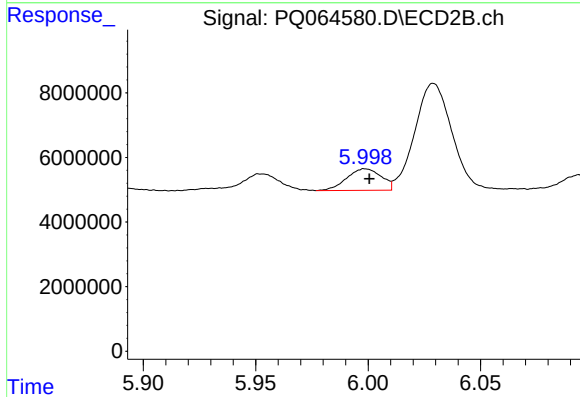
R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 4369599
Conc: 38.36 ng/ml



#37 AR-1262-2

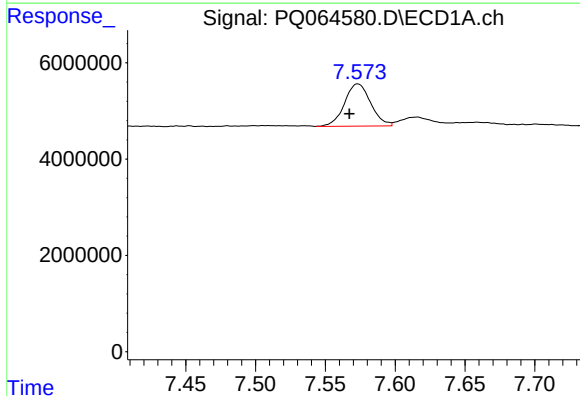
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 13908460
Conc: 34.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



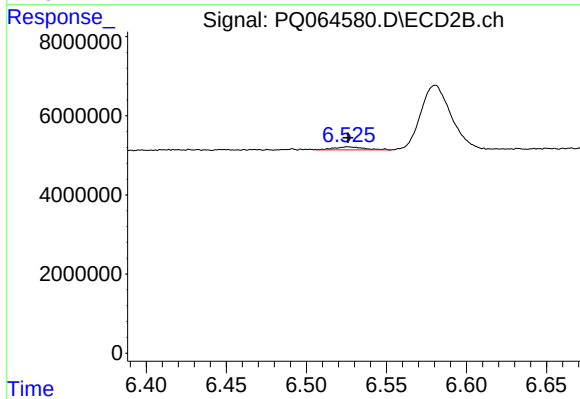
#37 AR-1262-2

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 7104900
Conc: 27.89 ng/ml



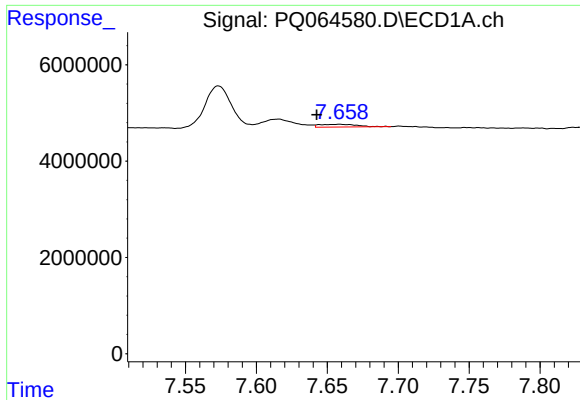
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 11412937
Conc: 42.20 ng/ml



#38 AR-1262-3

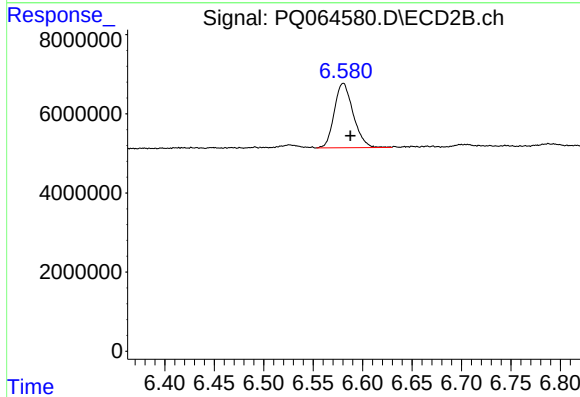
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 990488
Conc: 4.40 ng/ml



#39 AR-1262-4

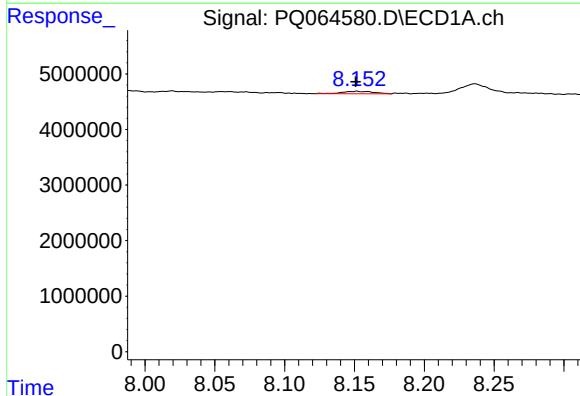
R.T.: 7.659 min
Delta R.T.: 0.016 min
Response: 1059941
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



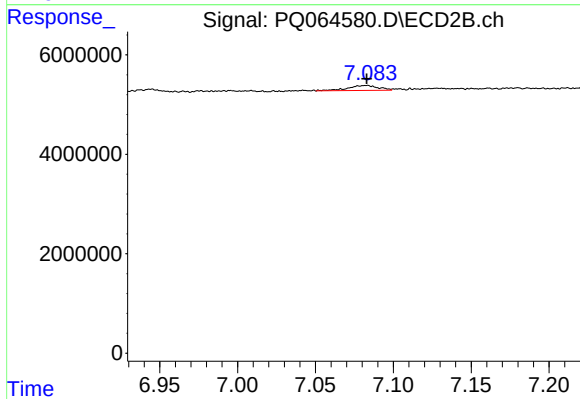
#39 AR-1262-4

R.T.: 6.580 min
Delta R.T.: -0.007 min
Response: 21640996
Conc: 50.00 ng/ml



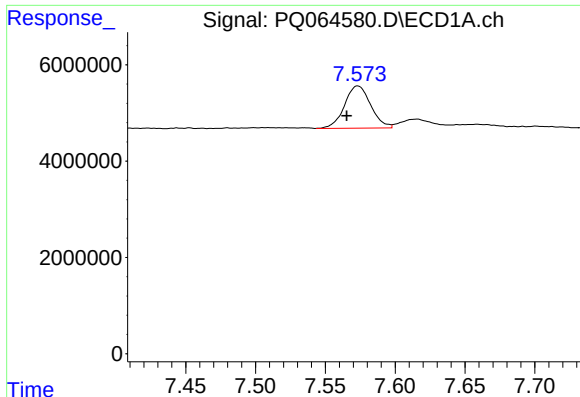
#40 AR-1262-5

R.T.: 8.152 min
Delta R.T.: 0.001 min
Response: 678818
Conc: 4.98 ng/ml



#40 AR-1262-5

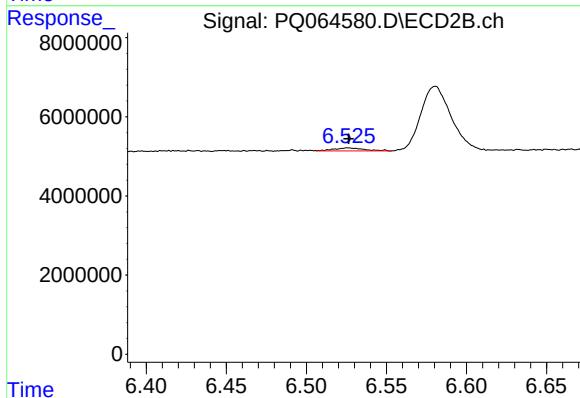
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 1342151
Conc: 5.11 ng/ml



#41 AR-1268-1

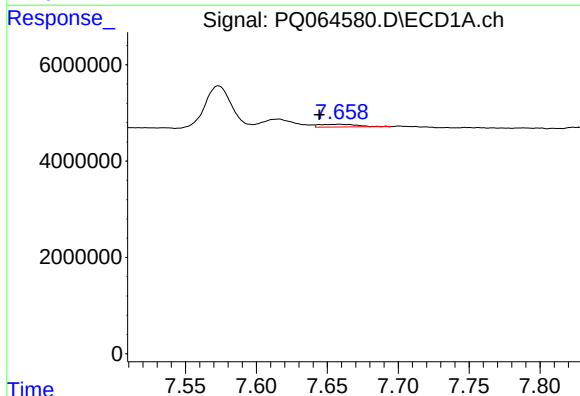
R.T.: 7.573 min
Delta R.T.: 0.008 min
Response: 11412937
Conc: 23.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



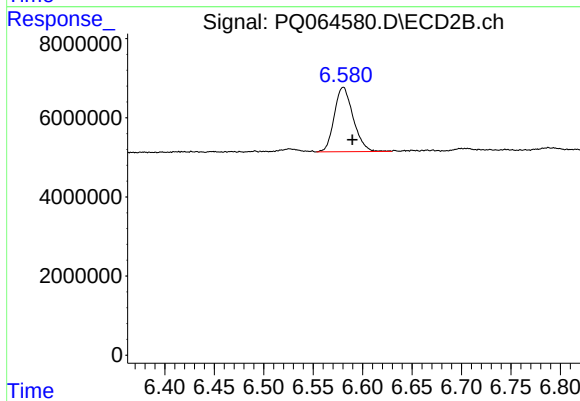
#41 AR-1268-1

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 990488
Conc: 1.50 ng/ml



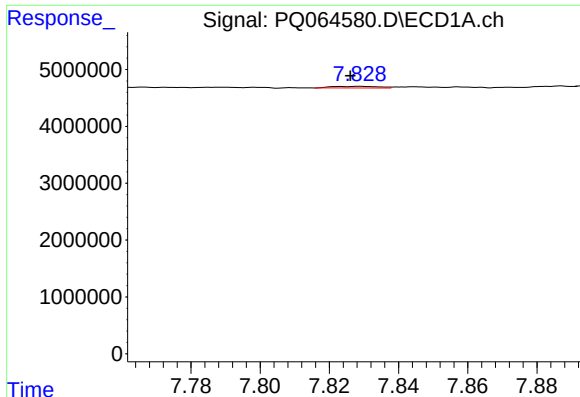
#42 AR-1268-2

R.T.: 7.659 min
Delta R.T.: 0.014 min
Response: 1059941
Conc: 2.44 ng/ml



#42 AR-1268-2

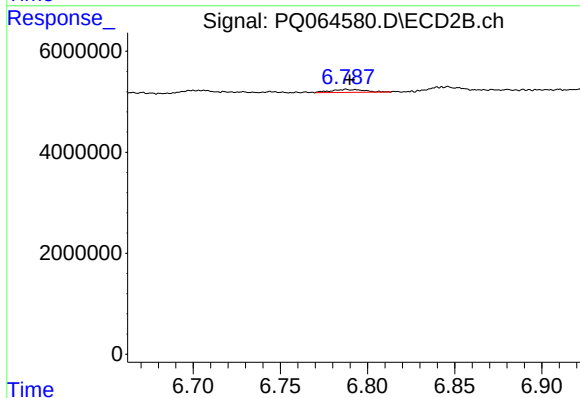
R.T.: 6.580 min
Delta R.T.: -0.009 min
Response: 21640996
Conc: 34.86 ng/ml



#43 AR-1268-3

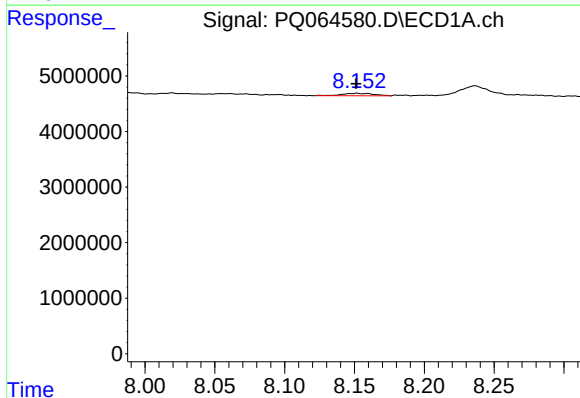
R.T.: 7.829 min
Delta R.T.: 0.003 min
Response: 261925
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



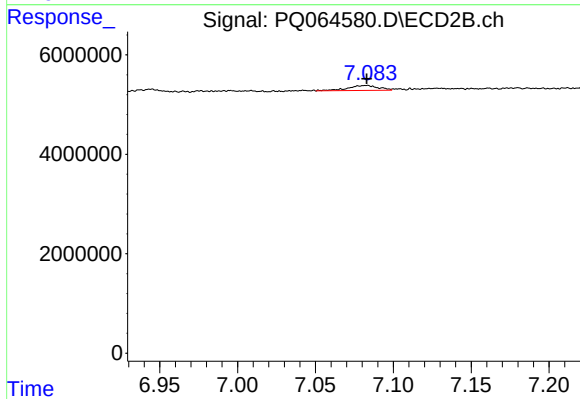
#43 AR-1268-3

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 780125
Conc: 1.22 ng/ml



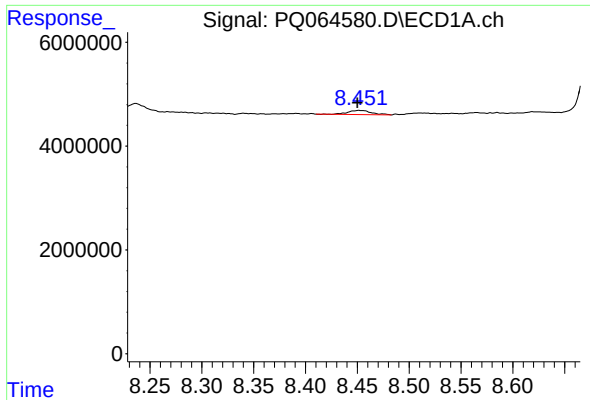
#44 AR-1268-4

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 678818
Conc: 4.43 ng/ml



#44 AR-1268-4

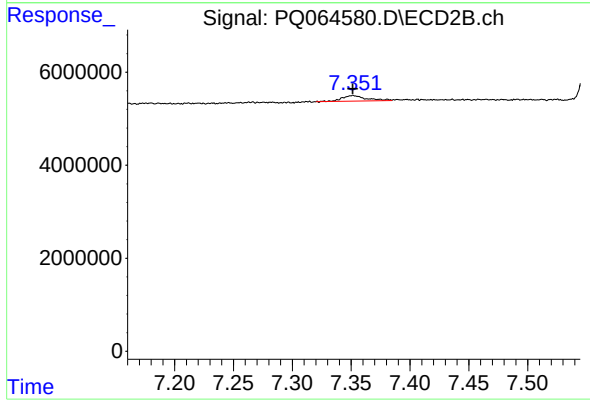
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 1342151
Conc: 4.46 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 1265424
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 1713013
Conc: 0.91 ng/ml