

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 09:53
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:42:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.460	2.777	227.6E6	218.5E6	53.391	59.408
2)	SA Decachlor...	8.693	7.573	156.3E6	231.4E6	48.398	49.391
Target Compounds							
3)	L1 AR-1016-1	4.575	3.786	46411350	41164939	336.778	326.763
4)	L1 AR-1016-2	4.595	3.802	55276158	43451468	261.709	239.824
5)	L1 AR-1016-3	4.653	3.964	27802987	28907467	208.765	296.639 #
6)	L1 AR-1016-4	4.745	4.012	30910213	60918635	293.996	722.068 #
7)	L1 AR-1016-5	5.036	4.208	76385142	70774478	720.995	707.667
8)	L2 AR-1221-1	3.668	2.979	948761	660359	17.533	12.815 #
9)	L2 AR-1221-2	3.742	3.047	3377284	3590744	92.453	102.983
10)	L2 AR-1221-3	3.813	3.126	4104257	4452258	34.560	40.364
11)	L3 AR-1232-1	3.813	3.126	4104257	4452258	43.880	51.418
12)	L3 AR-1232-2	4.314	3.802	21068014	43451468	401.165	546.274 #
13)	L3 AR-1232-3	4.595	3.964	55276158	28907467	614.571	698.260
14)	L3 AR-1232-4	4.745	4.049	30910213	58295884	706.920	1605.213 #
15)	L3 AR-1232-5	4.844	4.208	64235924	70774478	1920.915	1684.410
16)	L4 AR-1242-1	4.575	3.786	46411350	41164939	411.871	400.177
17)	L4 AR-1242-2	4.595	3.802	55276158	43451468	326.884	294.443
18)	L4 AR-1242-3	4.653	3.964	27802987	28907467	263.421	363.363 #
19)	L4 AR-1242-4	4.745	4.049	30910213	58295884	364.303	768.206 #
20)	L4 AR-1242-5	5.468	4.548	78302843	96895302	885.559	963.231
21)	L5 AR-1248-1	4.575	3.786	46411350	41164939	557.456	527.931
22)	L5 AR-1248-2	4.844	4.012	64235924	60918635	529.251	513.898
23)	L5 AR-1248-3	5.036	4.049	76385142	58295884	527.547	517.435
24)	L5 AR-1248-4	5.433	4.208	82986648	70774478	535.487	514.133
25)	L5 AR-1248-5	5.468	4.585	78302843	68632231	512.096	511.159
26)	L6 AR-1254-1	5.404	4.548	66794999	96895302	425.582	498.526
27)	L6 AR-1254-2	5.621	4.694	81685288	29635833	344.438	170.121 #
28)	L6 AR-1254-3	5.979	5.078	44903599	45190239	181.106	168.828
29)	L6 AR-1254-4	6.267	5.305	32146365	31210148	177.386	177.907
30)	L6 AR-1254-5	6.681	5.712	9003209	9357868	45.138	36.706
31)	L7 AR-1260-1	6.147	5.212	4743834	23053091	23.172	116.551 #
32)	L7 AR-1260-2	6.407	5.398	5088800	4214744	21.066	17.655
33)	L7 AR-1260-3	6.737f	5.536	1521788	5567881	9.455	24.650 #
34)	L7 AR-1260-4	6.960	6.006	3443557	629839	18.665	3.661 #
35)	L7 AR-1260-5	7.294	6.250	1466392	1579447	4.126	3.958
36)	L8 AR-1262-1	6.737f	5.804	1521788	371784	5.823	3.396 #
37)	L8 AR-1262-2	7.294	6.006	1466392	629839	3.448	2.550 #
38)	L8 AR-1262-3	7.575	6.527	1106957	581567	3.863	2.871 #
39)	L8 AR-1262-4	7.646	6.590	239140	1549025	1.042	4.157 #
40)	L8 AR-1262-5	8.152	7.090	678290	284288	4.762	1.572 #
41)	L9 AR-1268-1	7.575	6.527	1106957	581567	2.238	1.014 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 09:53
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

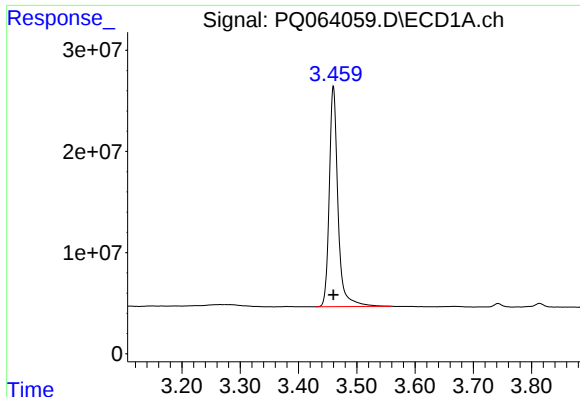
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:42:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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	7.646	6.590	239140	1549025	0.534	2.984 #
43) L9	AR-1268-3	7.826	6.795	1213044	607834	3.109	1.311 #
44) L9	AR-1268-4	8.152	7.090	678290	284288	4.339	1.455 #
45) L9	AR-1268-5	8.455	7.356	1310793	1708730	1.163	1.116

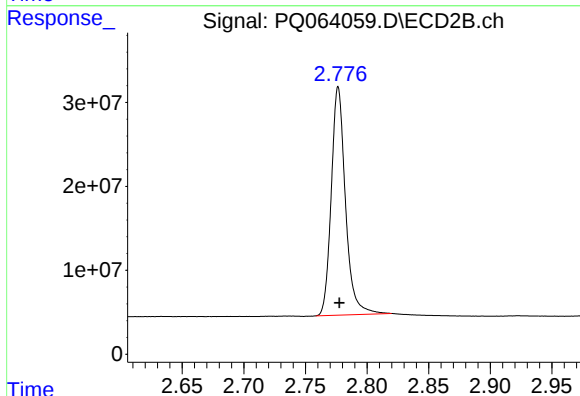
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

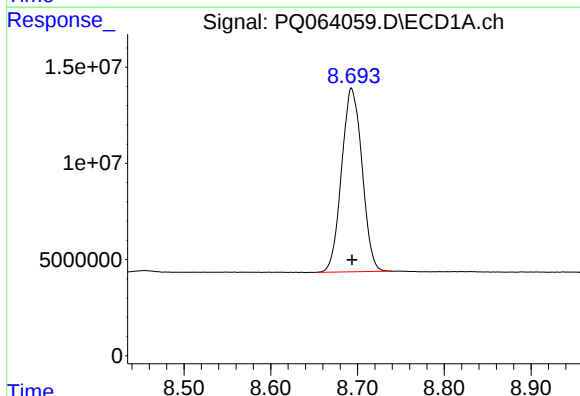
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 227576437
Conc: 53.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



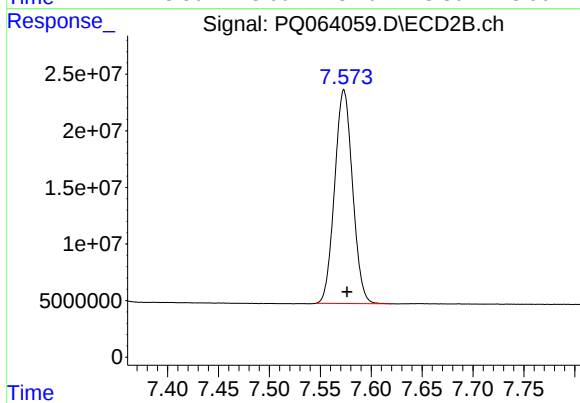
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 218484872
Conc: 59.41 ng/ml



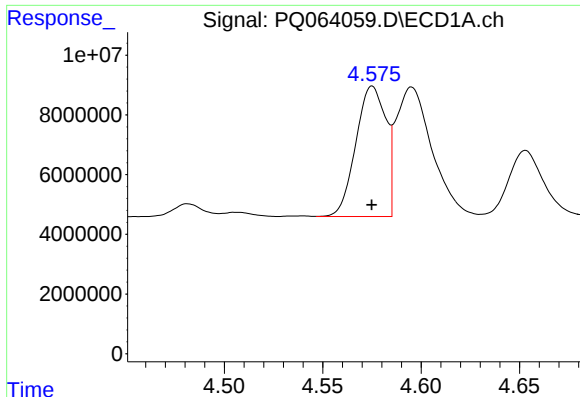
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 156260891
Conc: 48.40 ng/ml



#2 Decachlorobiphenyl

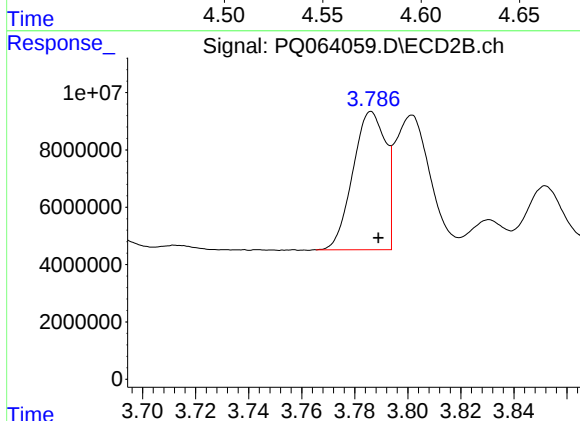
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 231418196
Conc: 49.39 ng/ml



#3 AR-1016-1

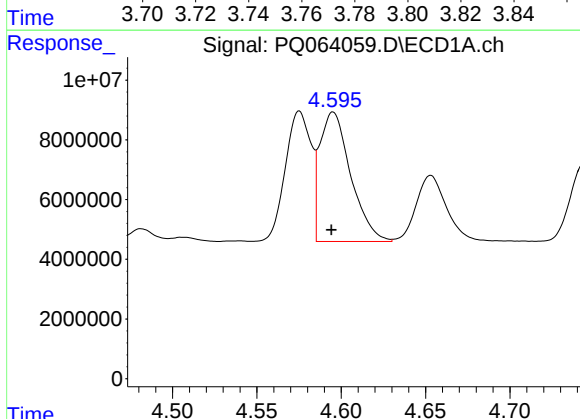
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 46411350
Conc: 336.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



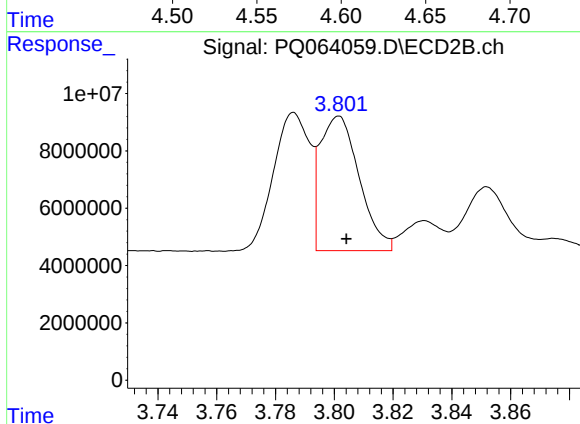
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 41164939
Conc: 326.76 ng/ml



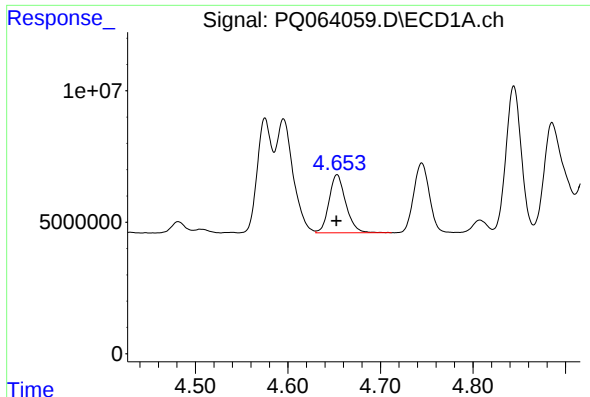
#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 55276158
Conc: 261.71 ng/ml



#4 AR-1016-2

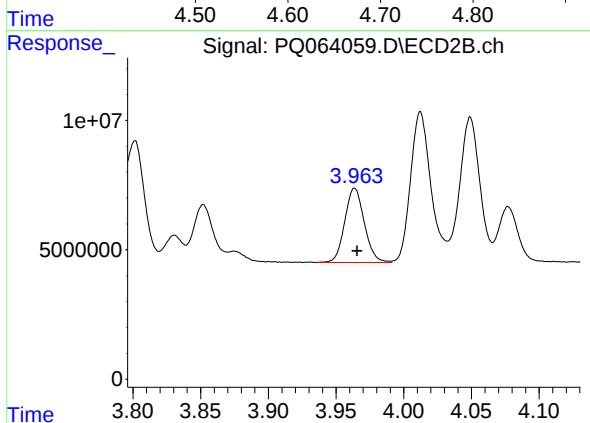
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 43451468
Conc: 239.82 ng/ml



#5 AR-1016-3

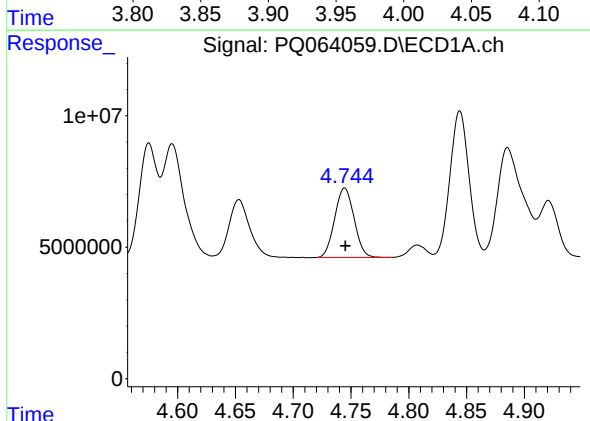
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 27802987
Conc: 208.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



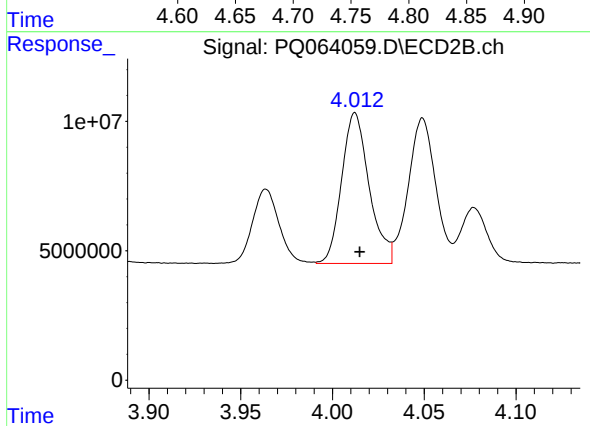
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 28907467
Conc: 296.64 ng/ml



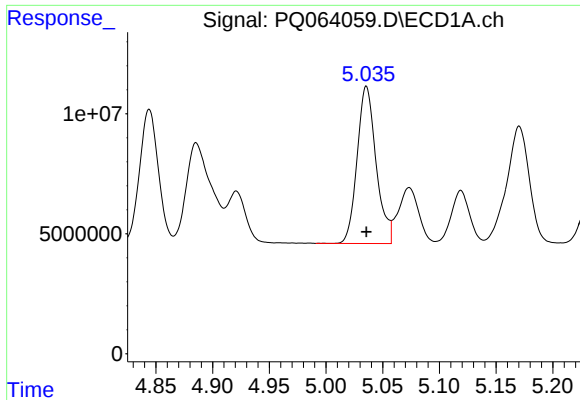
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 30910213
Conc: 294.00 ng/ml



#6 AR-1016-4

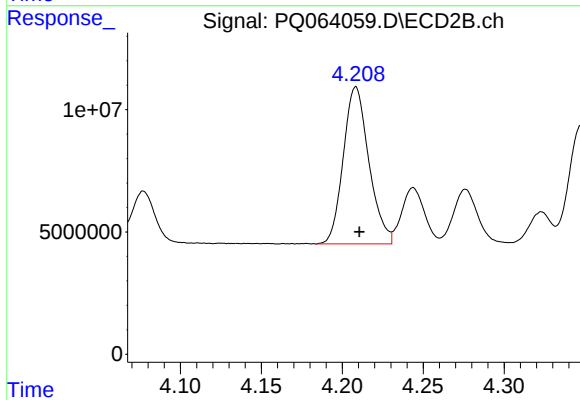
R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 60918635
Conc: 722.07 ng/ml



#7 AR-1016-5

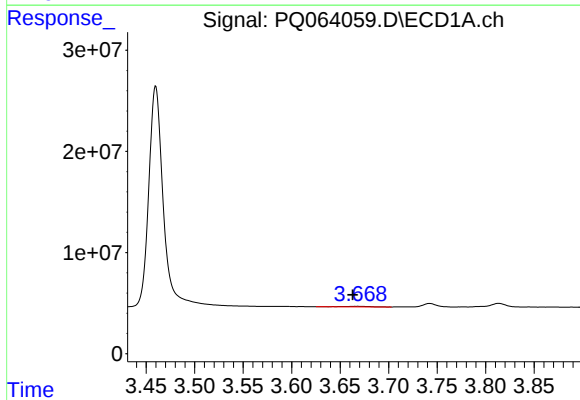
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 76385142
Conc: 720.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



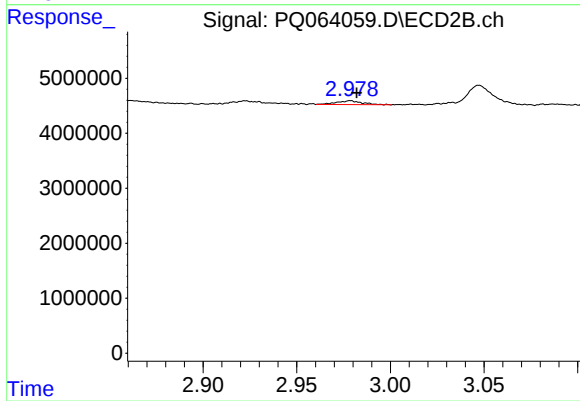
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 70774478
Conc: 707.67 ng/ml



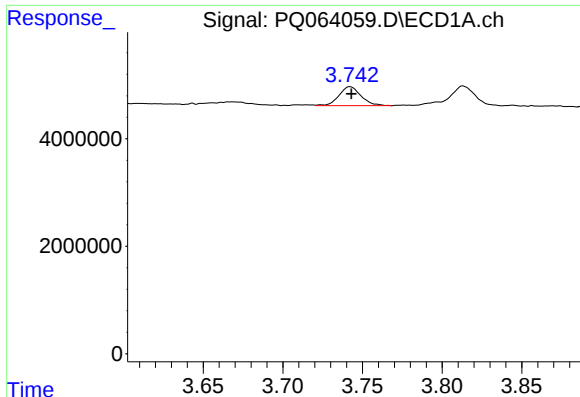
#8 AR-1221-1

R.T.: 3.668 min
Delta R.T.: 0.005 min
Response: 948761
Conc: 17.53 ng/ml



#8 AR-1221-1

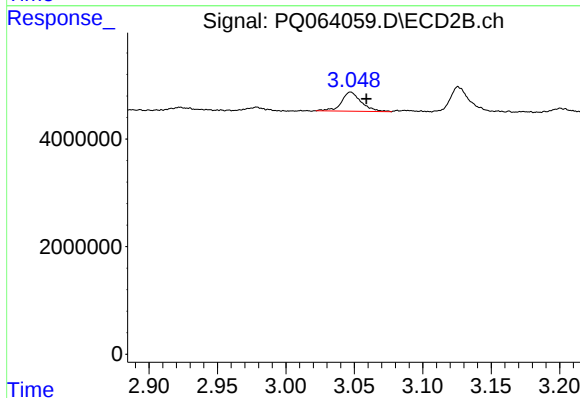
R.T.: 2.979 min
Delta R.T.: -0.003 min
Response: 660359
Conc: 12.81 ng/ml



#9 AR-1221-2

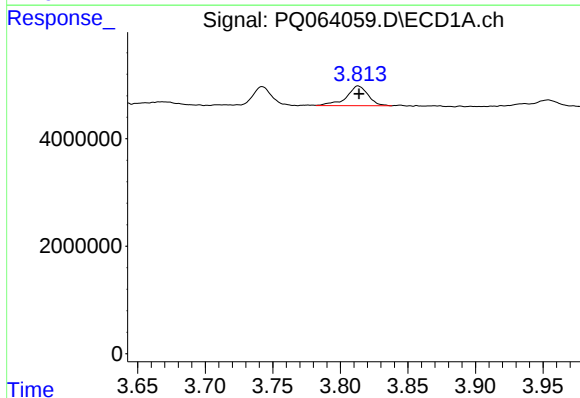
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 3377284
Conc: 92.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



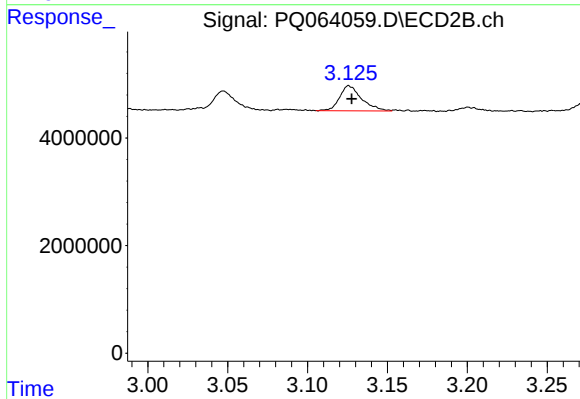
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.012 min
Response: 3590744
Conc: 102.98 ng/ml



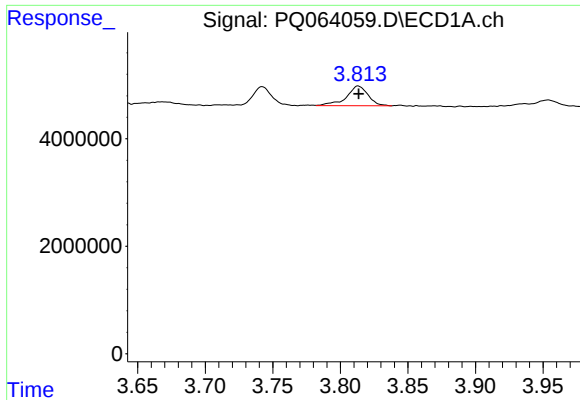
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 4104257
Conc: 34.56 ng/ml



#10 AR-1221-3

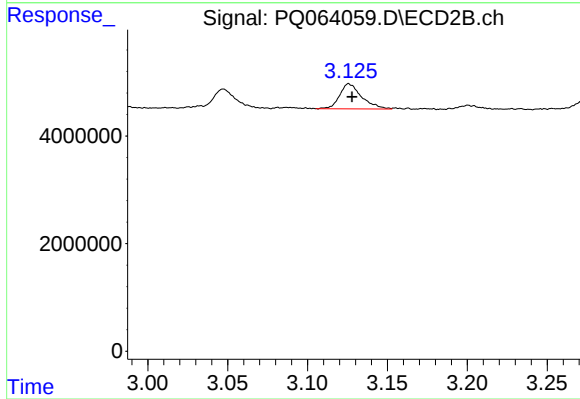
R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 4452258
Conc: 40.36 ng/ml



#11 AR-1232-1

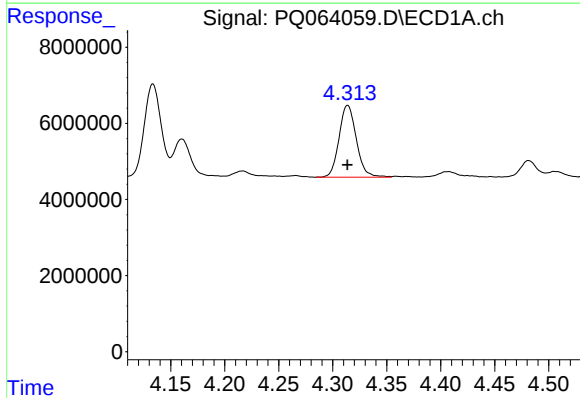
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 4104257
Conc: 43.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



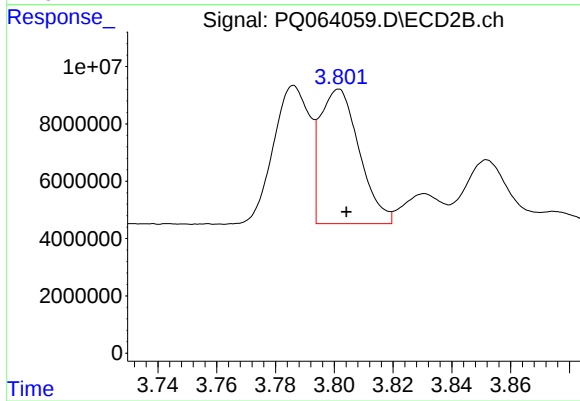
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 4452258
Conc: 51.42 ng/ml



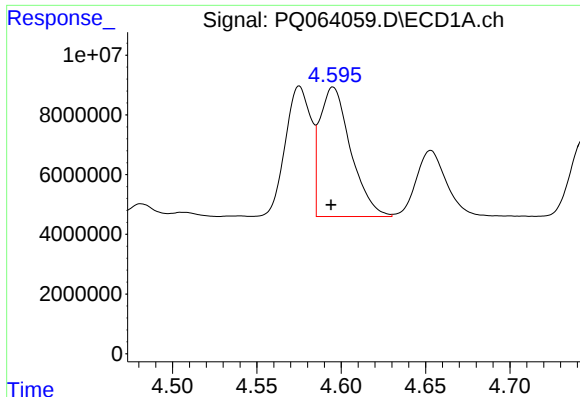
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 21068014
Conc: 401.17 ng/ml



#12 AR-1232-2

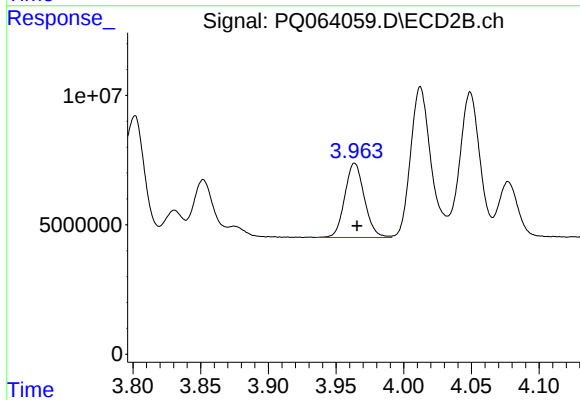
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 43451468
Conc: 546.27 ng/ml



#13 AR-1232-3

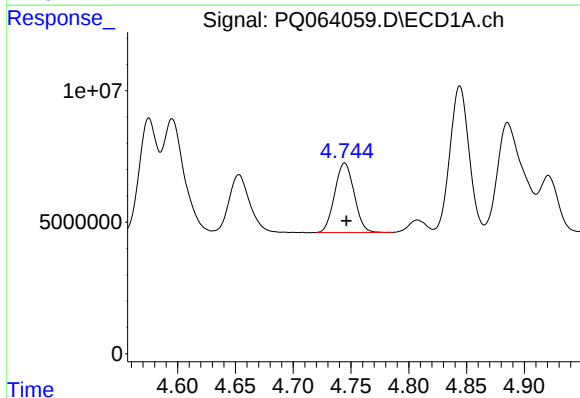
R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 55276158
Conc: 614.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



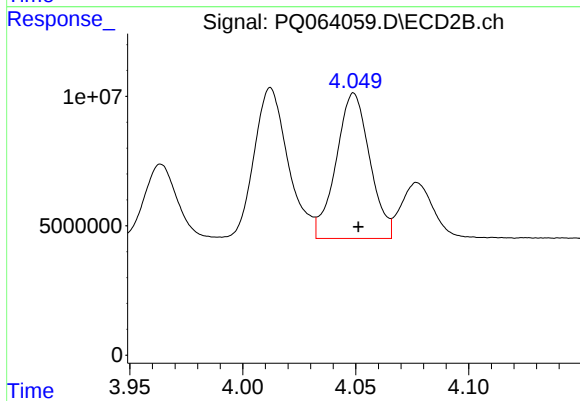
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 28907467
Conc: 698.26 ng/ml



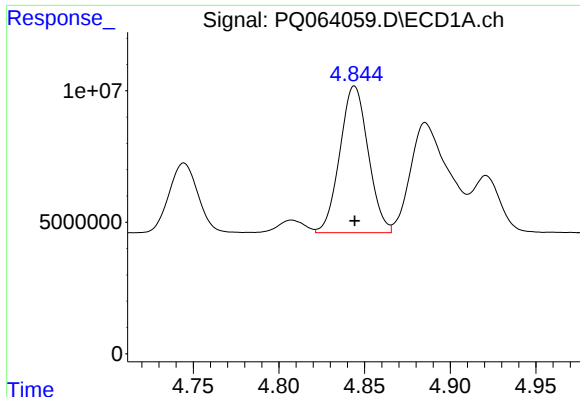
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 30910213
Conc: 706.92 ng/ml



#14 AR-1232-4

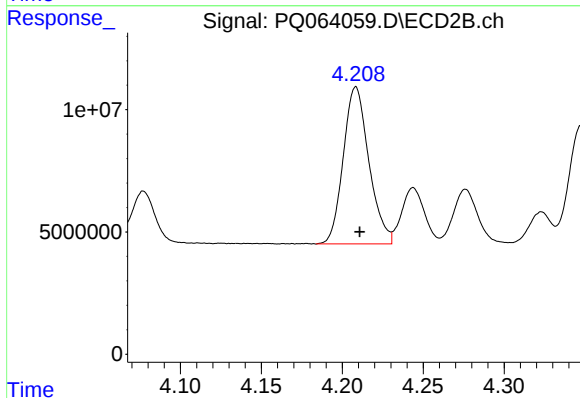
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 58295884
Conc: 1605.21 ng/ml



#15 AR-1232-5

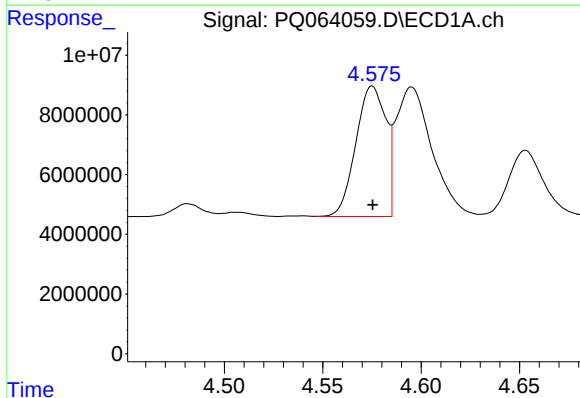
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 64235924
Conc: 1920.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



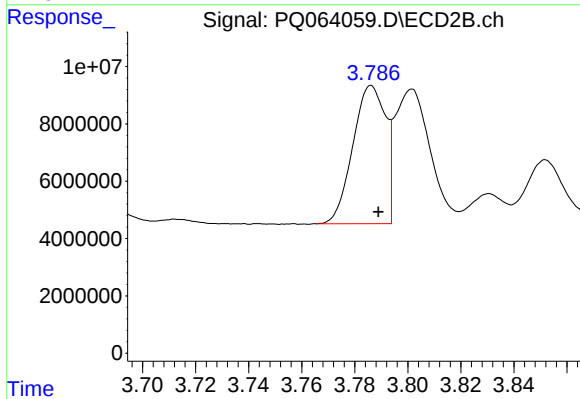
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 70774478
Conc: 1684.41 ng/ml



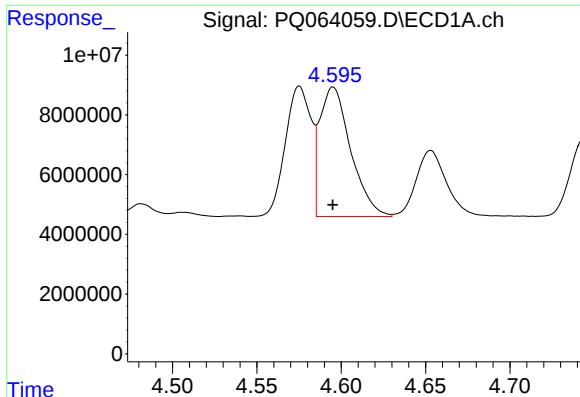
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 46411350
Conc: 411.87 ng/ml



#16 AR-1242-1

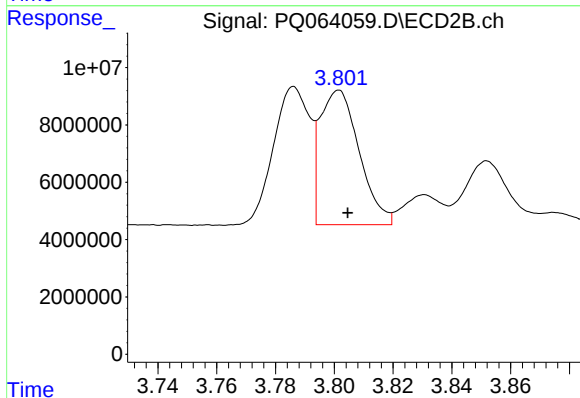
R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 41164939
Conc: 400.18 ng/ml



#17 AR-1242-2

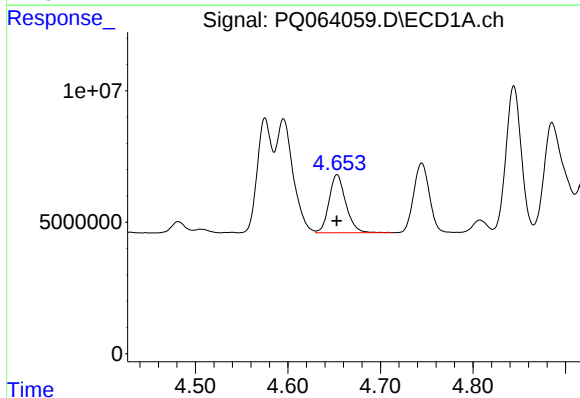
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 55276158
Conc: 326.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



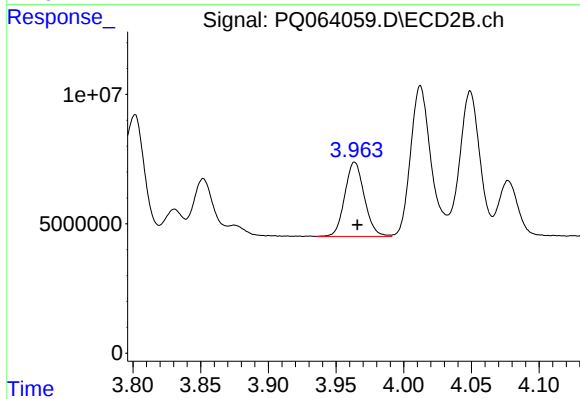
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 43451468
Conc: 294.44 ng/ml



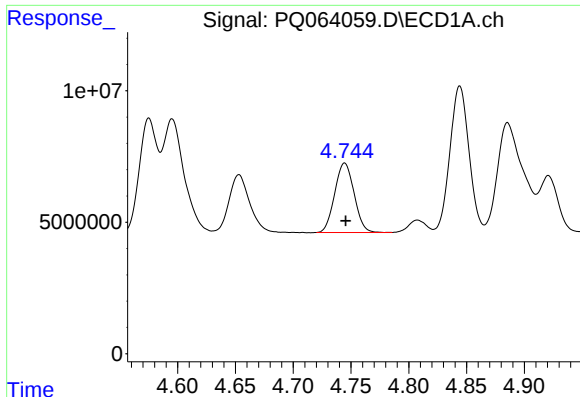
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 27802987
Conc: 263.42 ng/ml



#18 AR-1242-3

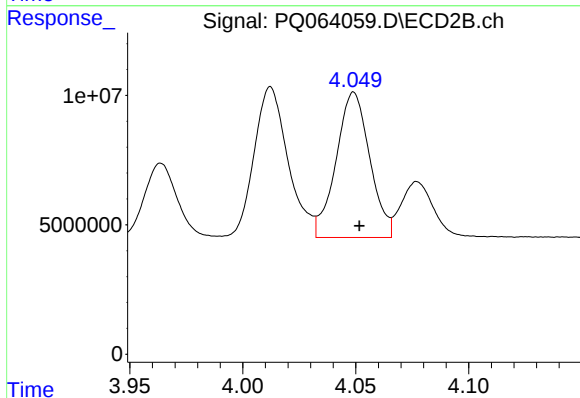
R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 28907467
Conc: 363.36 ng/ml



#19 AR-1242-4

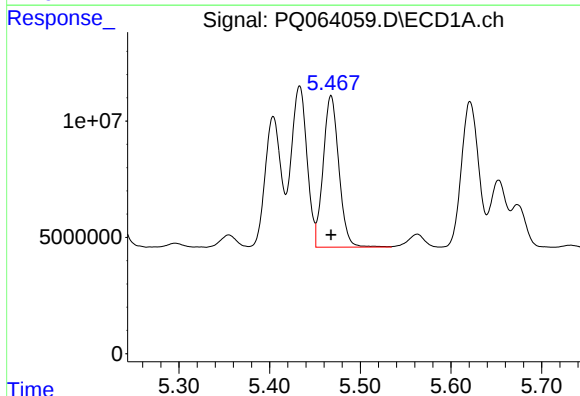
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 30910213
Conc: 364.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



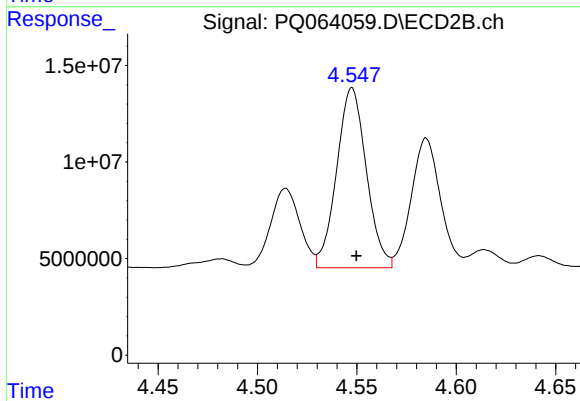
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 58295884
Conc: 768.21 ng/ml



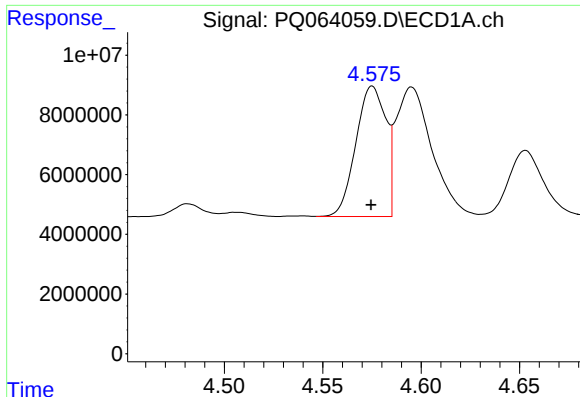
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 78302843
Conc: 885.56 ng/ml



#20 AR-1242-5

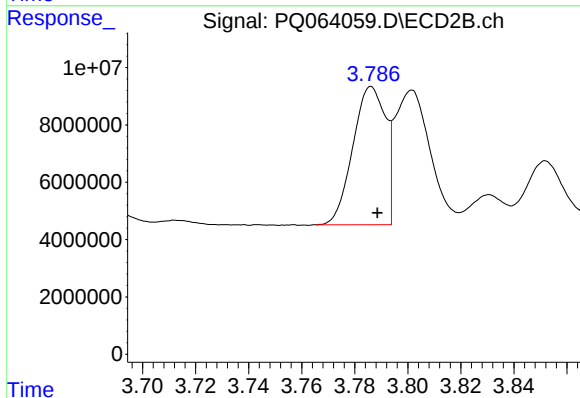
R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 96895302
Conc: 963.23 ng/ml



#21 AR-1248-1

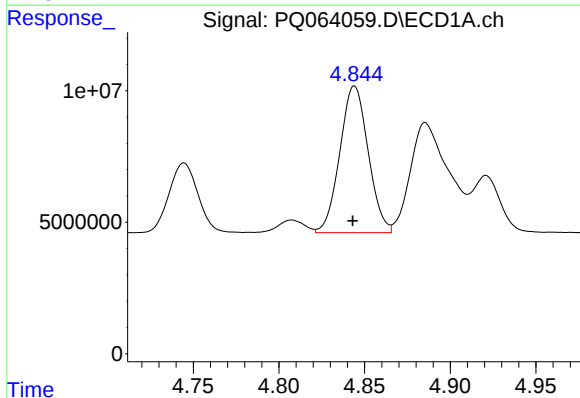
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 46411350
Conc: 557.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



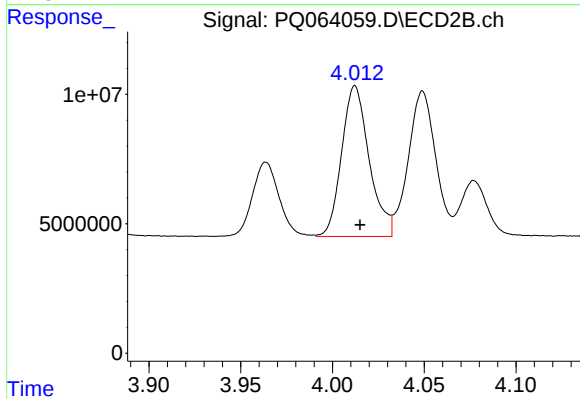
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 41164939
Conc: 527.93 ng/ml



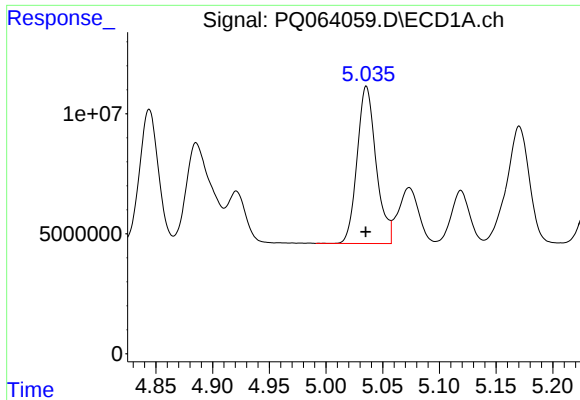
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.001 min
Response: 64235924
Conc: 529.25 ng/ml



#22 AR-1248-2

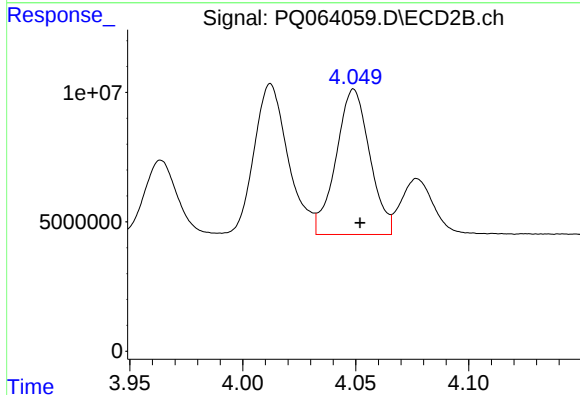
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 60918635
Conc: 513.90 ng/ml



#23 AR-1248-3

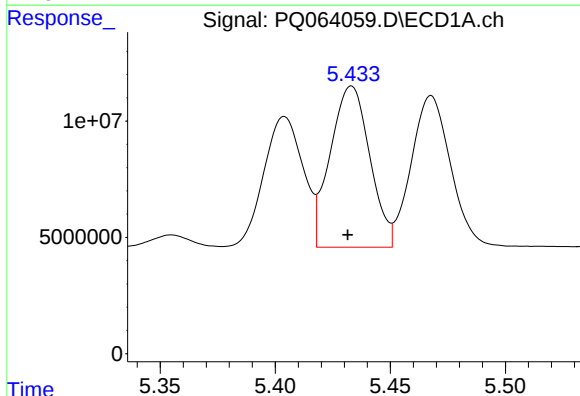
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 76385142
Conc: 527.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



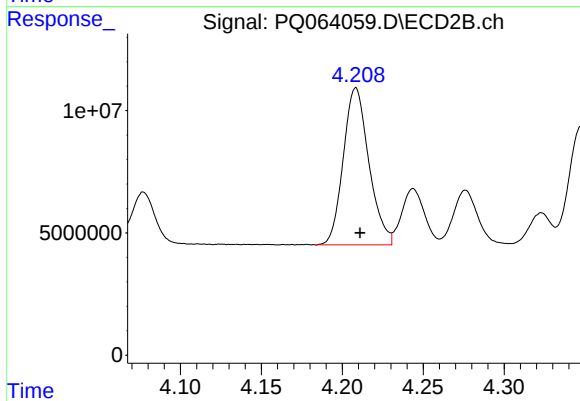
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 58295884
Conc: 517.44 ng/ml



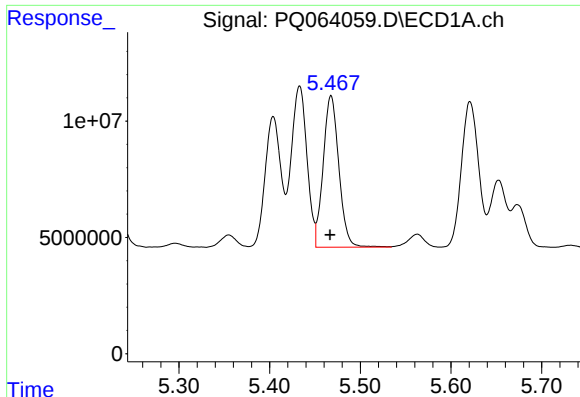
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: 0.002 min
Response: 82986648
Conc: 535.49 ng/ml



#24 AR-1248-4

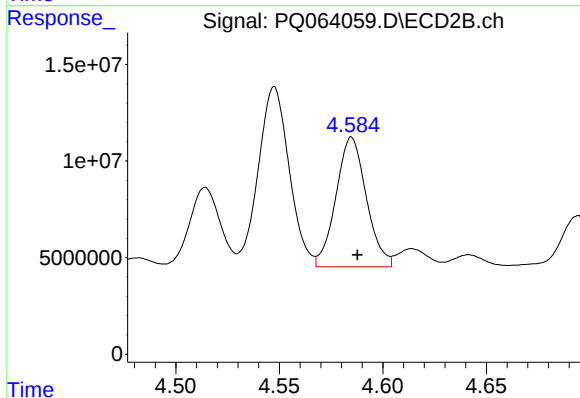
R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 70774478
Conc: 514.13 ng/ml



#25 AR-1248-5

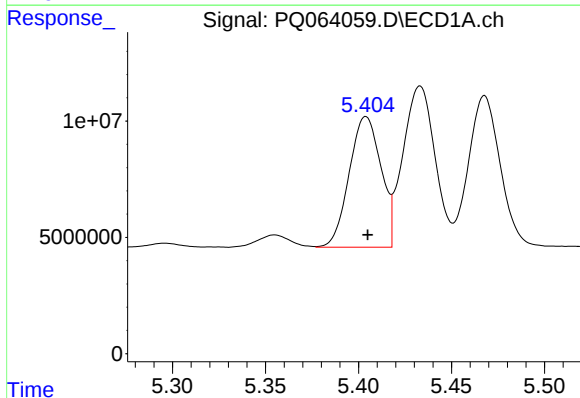
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 78302843
Conc: 512.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



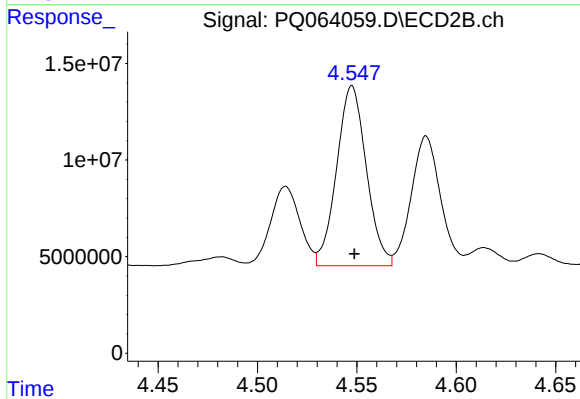
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 68632231
Conc: 511.16 ng/ml



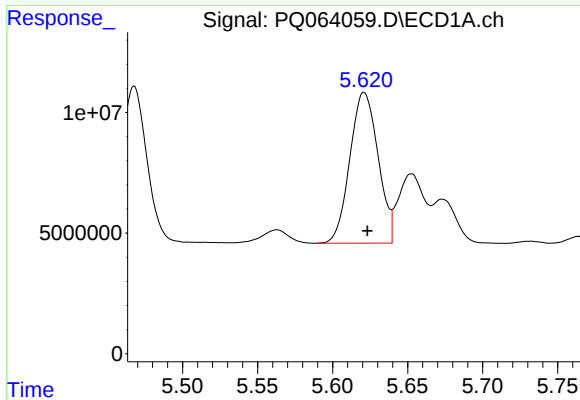
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 66794999
Conc: 425.58 ng/ml



#26 AR-1254-1

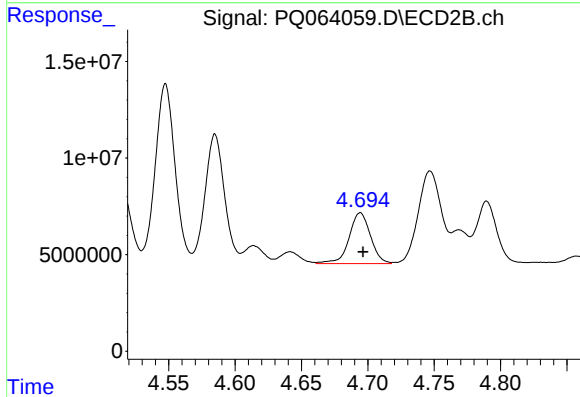
R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 96895302
Conc: 498.53 ng/ml



#27 AR-1254-2

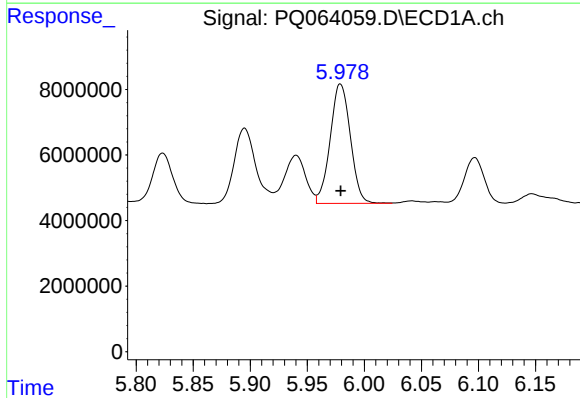
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 81685288
Conc: 344.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



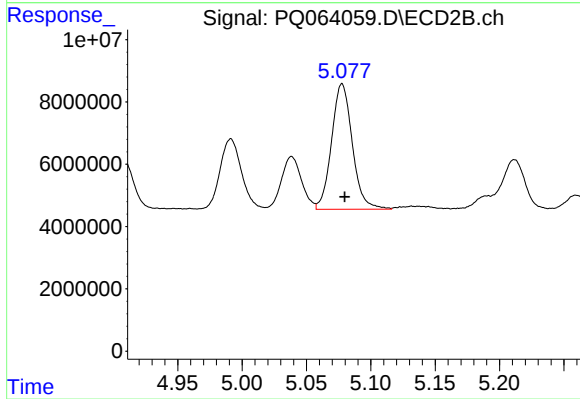
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 29635833
Conc: 170.12 ng/ml



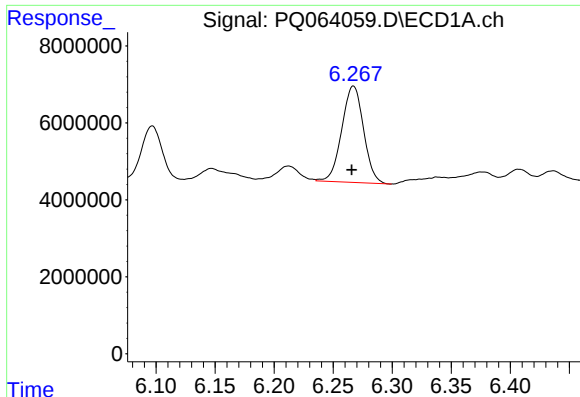
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 44903599
Conc: 181.11 ng/ml



#28 AR-1254-3

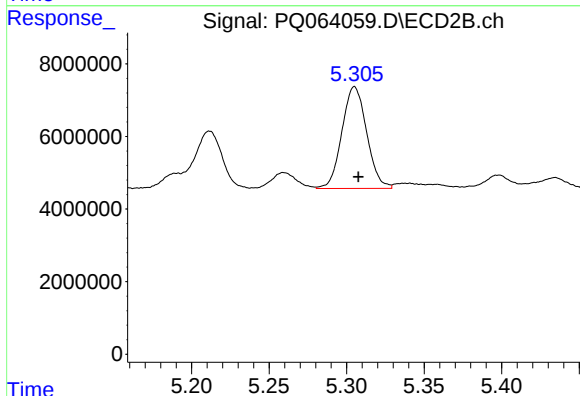
R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 45190239
Conc: 168.83 ng/ml



#29 AR-1254-4

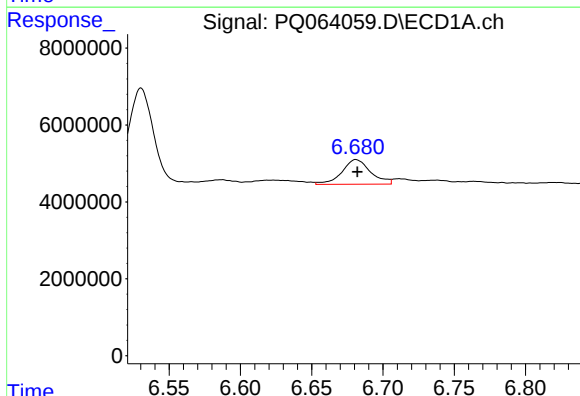
R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 32146365
Conc: 177.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



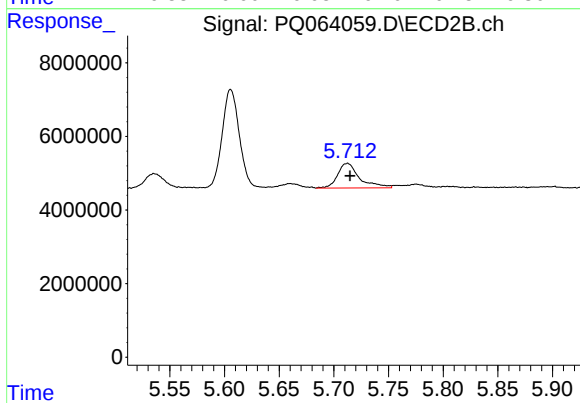
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: -0.002 min
Response: 31210148
Conc: 177.91 ng/ml



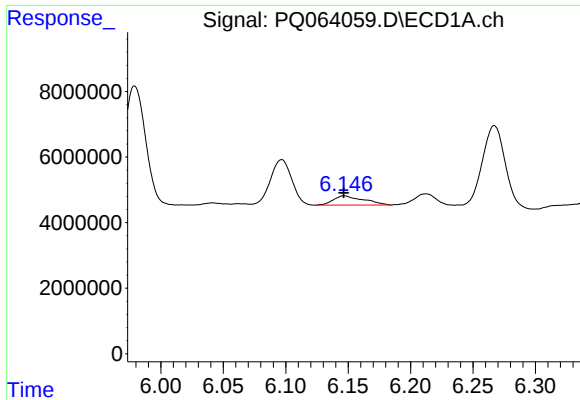
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 9003209
Conc: 45.14 ng/ml



#30 AR-1254-5

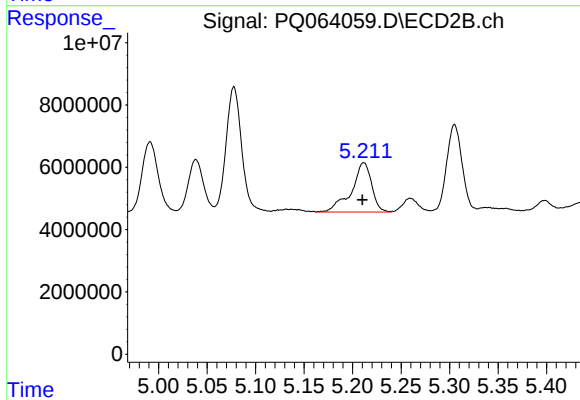
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 9357868
Conc: 36.71 ng/ml



#31 AR-1260-1

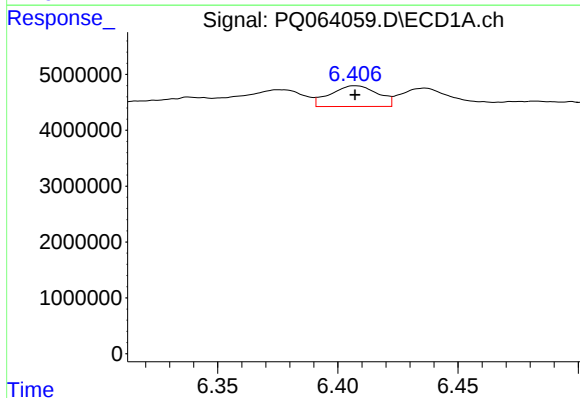
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 4743834
Conc: 23.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



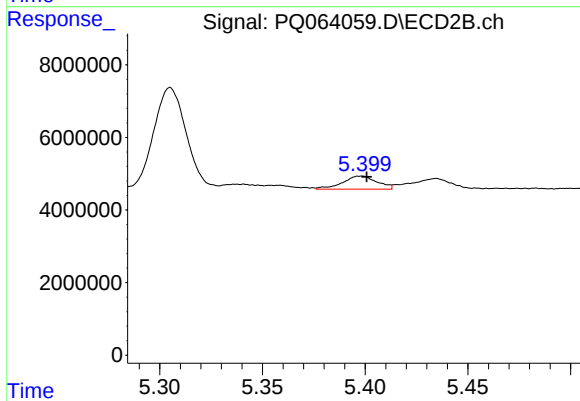
#31 AR-1260-1

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 23053091
Conc: 116.55 ng/ml



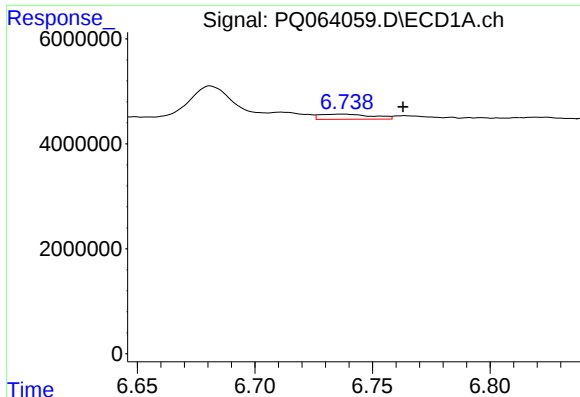
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 5088800
Conc: 21.07 ng/ml



#32 AR-1260-2

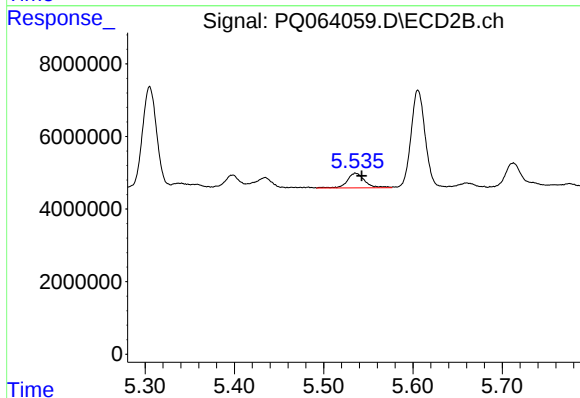
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 4214744
Conc: 17.65 ng/ml



#33 AR-1260-3

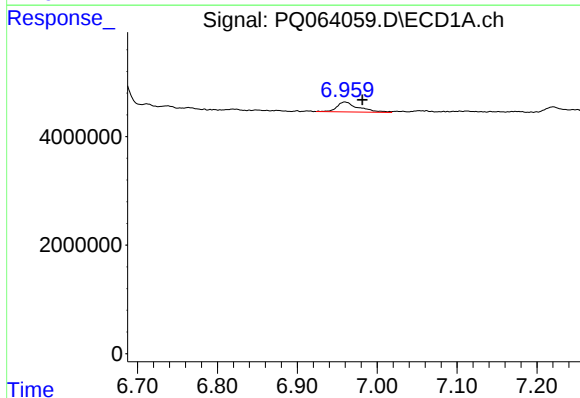
R.T.: 6.737 min
Delta R.T.: -0.026 min
Response: 1521788
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



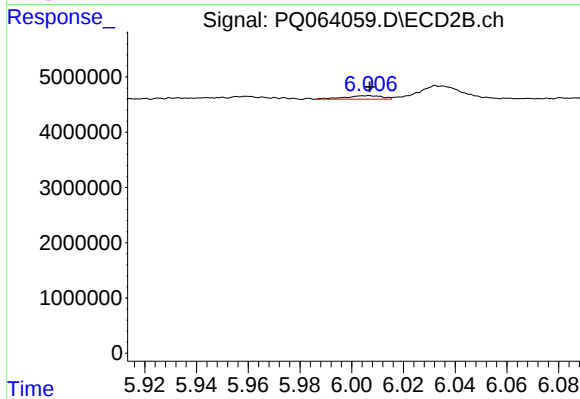
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 5567881
Conc: 24.65 ng/ml



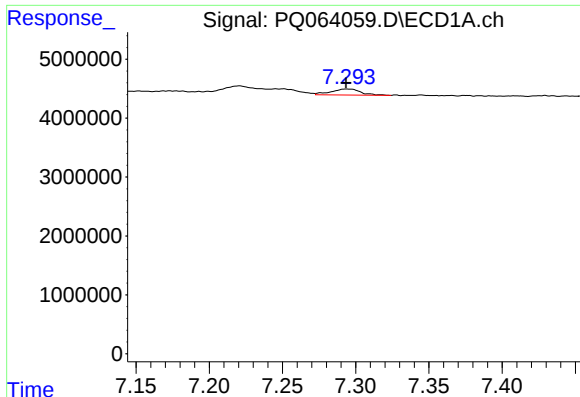
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.022 min
Response: 3443557
Conc: 18.67 ng/ml



#34 AR-1260-4

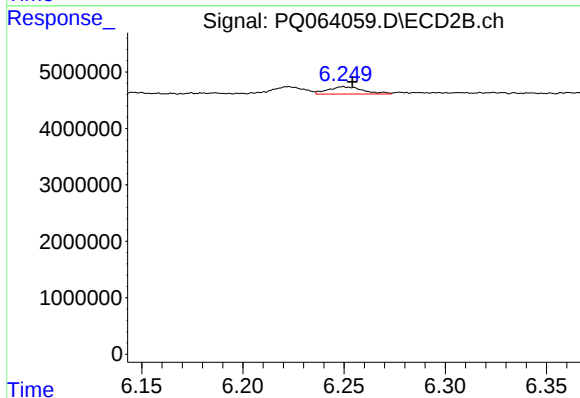
R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 629839
Conc: 3.66 ng/ml



#35 AR-1260-5

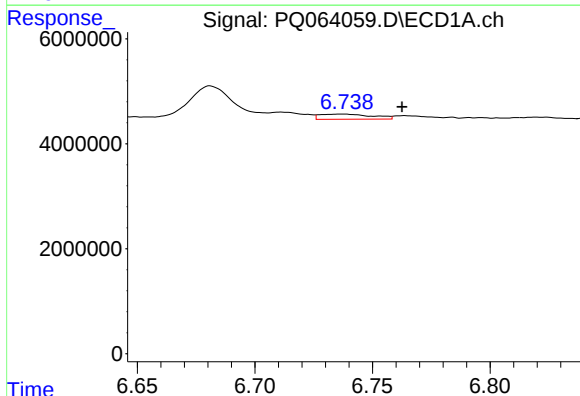
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1466392
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



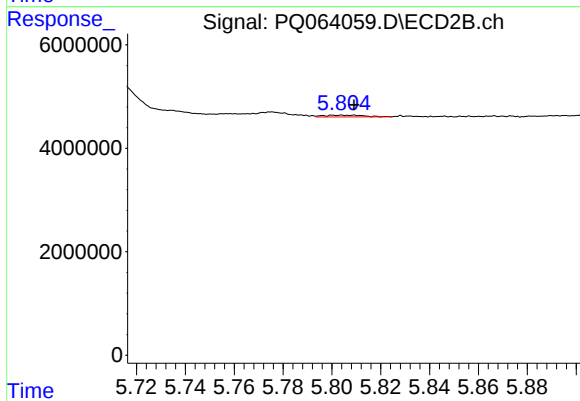
#35 AR-1260-5

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 1579447
Conc: 3.96 ng/ml



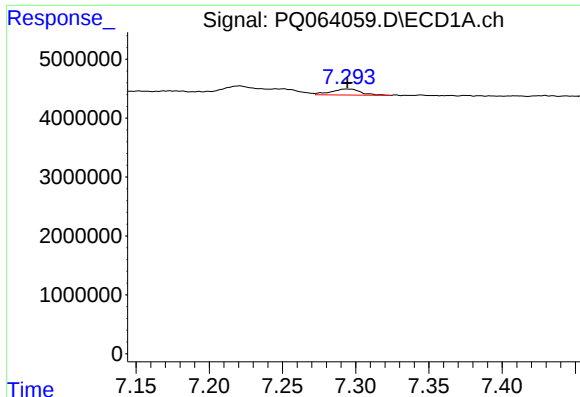
#36 AR-1262-1

R.T.: 6.737 min
Delta R.T.: -0.025 min
Response: 1521788
Conc: 5.82 ng/ml



#36 AR-1262-1

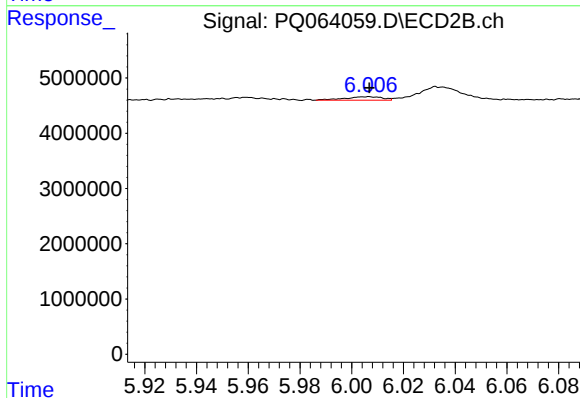
R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 371784
Conc: 3.40 ng/ml



#37 AR-1262-2

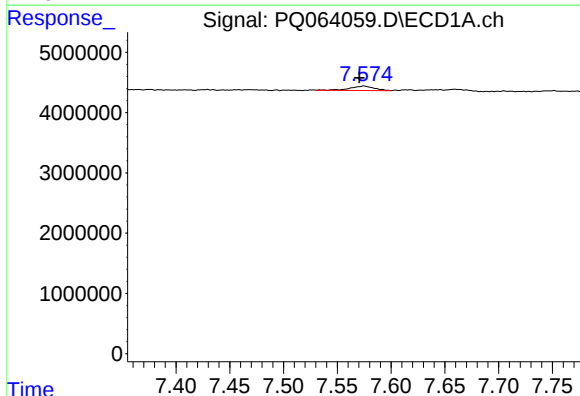
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1466392
Conc: 3.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



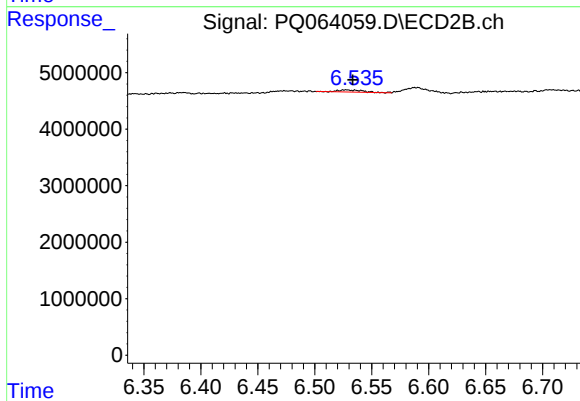
#37 AR-1262-2

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 629839
Conc: 2.55 ng/ml



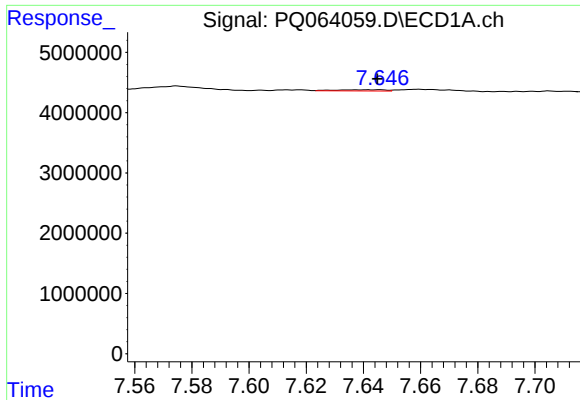
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.004 min
Response: 1106957
Conc: 3.86 ng/ml



#38 AR-1262-3

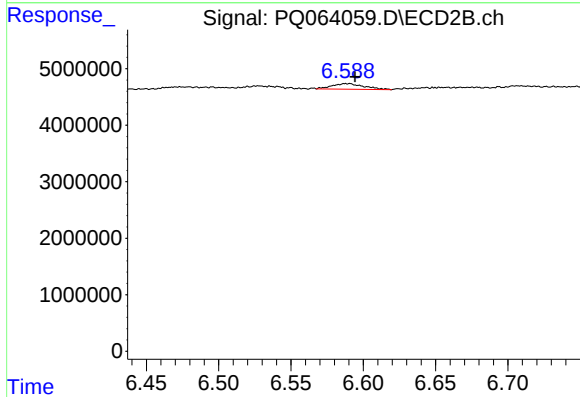
R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 581567
Conc: 2.87 ng/ml



#39 AR-1262-4

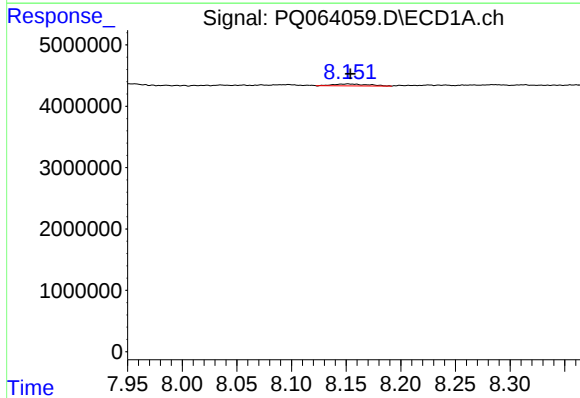
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 239140
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



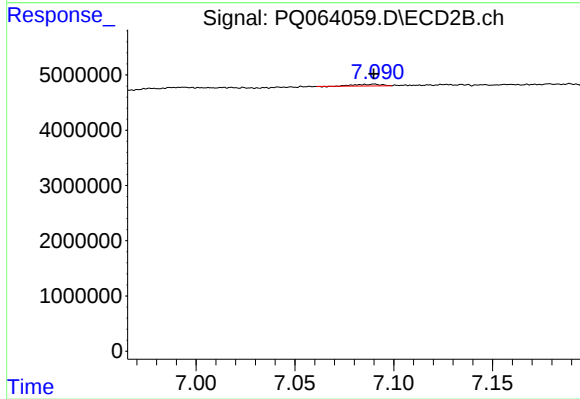
#39 AR-1262-4

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 1549025
Conc: 4.16 ng/ml



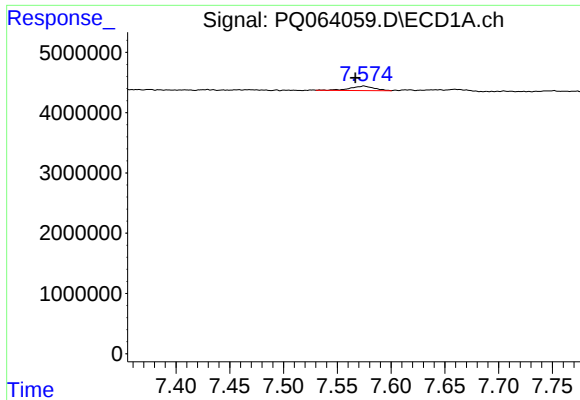
#40 AR-1262-5

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 678290
Conc: 4.76 ng/ml



#40 AR-1262-5

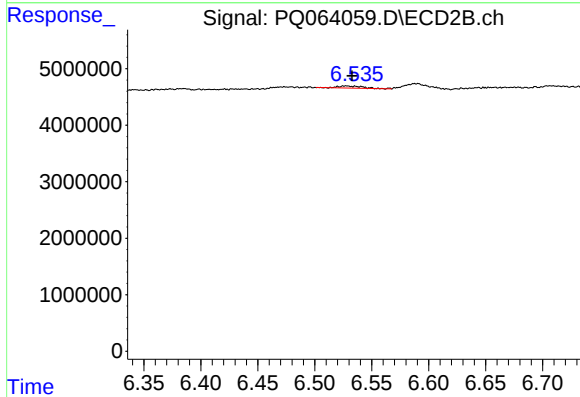
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 284288
Conc: 1.57 ng/ml



#41 AR-1268-1

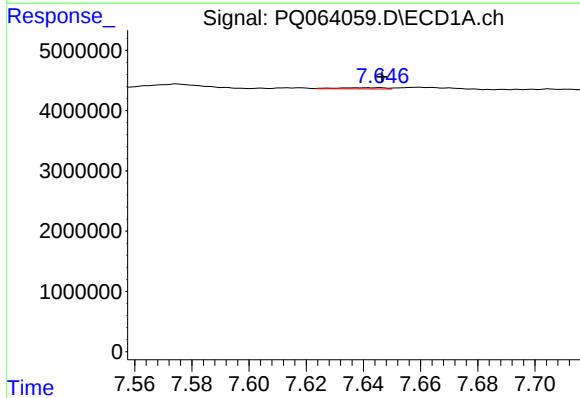
R.T.: 7.575 min
Delta R.T.: 0.008 min
Response: 1106957
Conc: 2.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



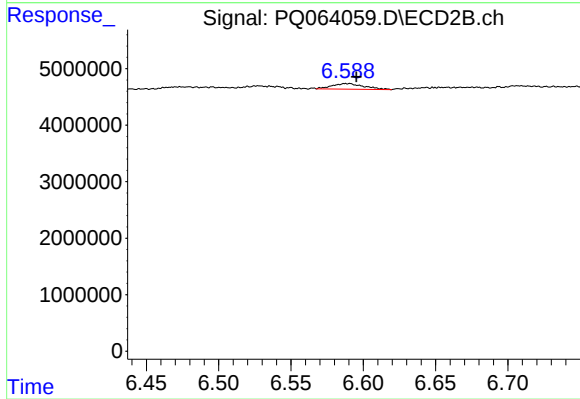
#41 AR-1268-1

R.T.: 6.527 min
Delta R.T.: -0.005 min
Response: 581567
Conc: 1.01 ng/ml



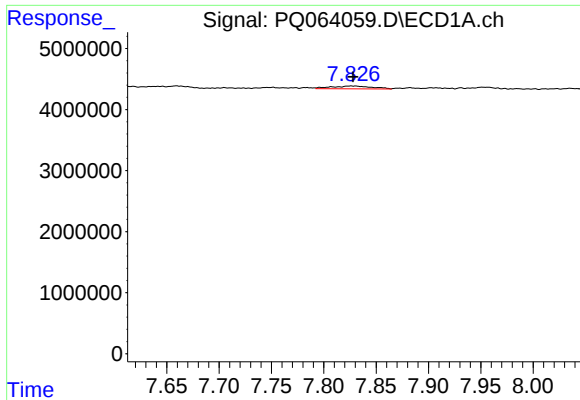
#42 AR-1268-2

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 239140
Conc: 0.53 ng/ml



#42 AR-1268-2

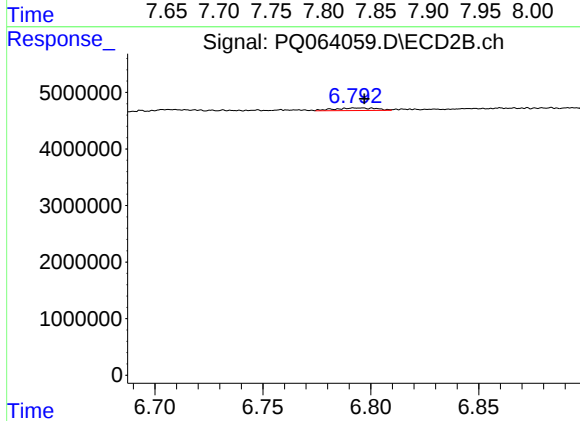
R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 1549025
Conc: 2.98 ng/ml



#43 AR-1268-3

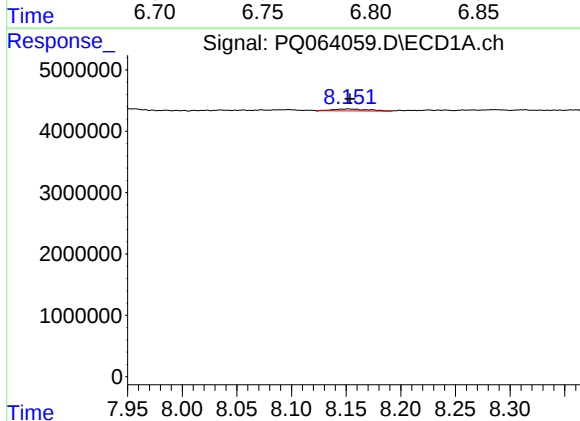
R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 1213044
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



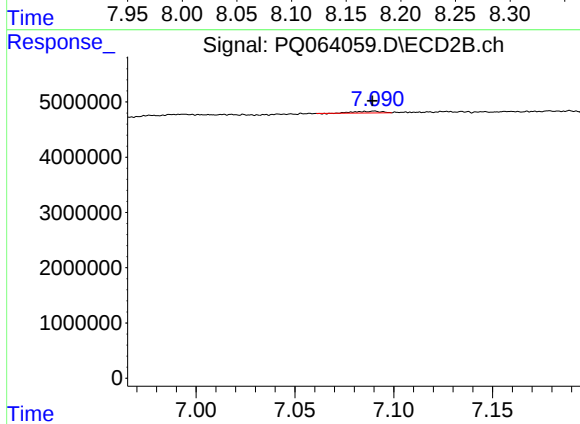
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 607834
Conc: 1.31 ng/ml



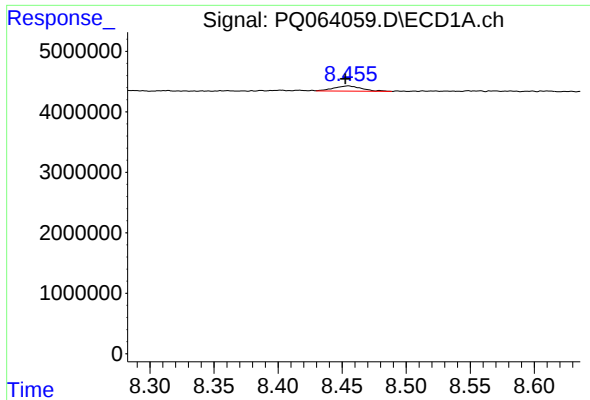
#44 AR-1268-4

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 678290
Conc: 4.34 ng/ml



#44 AR-1268-4

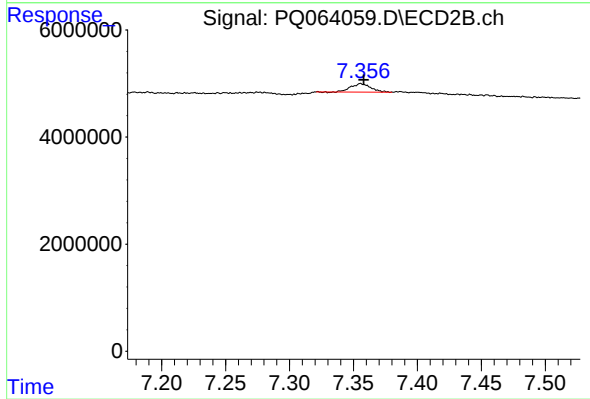
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 284288
Conc: 1.46 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.002 min
Response: 1310793
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 1708730
Conc: 1.12 ng/ml