

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 09:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:40:04 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...	3.462	2.777	229.1E6	210.2E6	53.742	57.167
2)	SA Decachlor...	8.699	7.574	152.4E6	225.8E6	47.215	48.199
Target Compounds							
3)	L1 AR-1016-1	4.578	3.787	76225611	65972753	553.121	523.685
4)	L1 AR-1016-2	4.597	3.802	113.9E6	98805491	539.347	545.343
5)	L1 AR-1016-3	4.656	3.964	70653758	52642691	530.519	540.203
6)	L1 AR-1016-4	4.748	4.013	57703569	44979942	548.835	533.147
7)	L1 AR-1016-5	5.039	4.209	57704179	53556276	544.666	535.504
8)	L2 AR-1221-1	3.661	2.980	8110121	8123438	149.877	157.640
9)	L2 AR-1221-2	3.745	3.057	10910687	10937081	298.679	313.677
10)	L2 AR-1221-3	3.815	3.126	41575602	41026091	350.091	371.939
11)	L3 AR-1232-1	3.815	3.126	41575602	41026091	444.503	473.802
12)	L3 AR-1232-2	4.316	3.802	60123123	98805491	1144.831	1242.187
13)	L3 AR-1232-3	4.597	3.964	113.9E6	52642691	1266.546	1271.585
14)	L3 AR-1232-4	4.748	4.049	57703569	49376924	1319.687	1359.624
15)	L3 AR-1232-5	4.847	4.209	46935260	53556276	1403.555	1274.622
16)	L4 AR-1242-1	4.578	3.787	76225611	65972753	676.454	641.341
17)	L4 AR-1242-2	4.597	3.802	113.9E6	98805491	673.664	669.542
18)	L4 AR-1242-3	4.656	3.964	70653758	52642691	669.414	661.711
19)	L4 AR-1242-4	4.748	4.049	57703569	49376924	680.085	650.674
20)	L4 AR-1242-5	5.472	4.547	6856817	44052074	77.547	437.919 #
21)	L5 AR-1248-1	4.578	3.787	76225611	65972753	915.561	846.086
22)	L5 AR-1248-2	4.847	4.013	46935260	44979942	386.708	379.442
23)	L5 AR-1248-3	5.039	4.049	57704179	49376924	398.529	438.271
24)	L5 AR-1248-4	5.435	4.209	9986255	53556276	64.438	389.053 #
25)	L5 AR-1248-5	5.472	4.585	6856817	7990207	44.843	59.509 #
26)	L6 AR-1254-1	5.408	4.547	44687577	44052074	284.725	226.648
27)	L6 AR-1254-2	5.628	4.695	47084052	40737346	198.537	233.848
28)	L6 AR-1254-3	5.983	5.079	24082228	20274982	97.129	75.746
29)	L6 AR-1254-4	6.267	5.306	17950005	8399620	99.050	47.880 #
30)	L6 AR-1254-5	6.683	5.713	145.4E6	148.0E6	728.926	580.541
31)	L7 AR-1260-1	6.149	5.208	103.5E6	100.7E6	505.396	509.182
32)	L7 AR-1260-2	6.411	5.399	126.7E6	121.9E6	524.472	510.631
33)	L7 AR-1260-3	6.766	5.540	78106715	114.4E6	485.282	506.487
34)	L7 AR-1260-4	6.984	6.005	90080212	86443254	488.264	502.397
35)	L7 AR-1260-5	7.298	6.251	175.0E6	194.7E6	492.278	487.786
36)	L8 AR-1262-1	6.766	5.807	78106715	44937746	298.875	410.468 #
37)	L8 AR-1262-2	7.298	6.005	175.0E6	86443254	411.319	349.946
38)	L8 AR-1262-3	7.578	6.531	104.5E6	39553448	364.738	195.238 #
39)	L8 AR-1262-4	7.645	6.589	61052406	143.1E6	266.072	384.148 #
40)	L8 AR-1262-5	8.159	7.087	39062930	53746503	274.228	297.257
41)	L9 AR-1268-1	7.578	6.531	104.5E6	39553448	211.335	68.936 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
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 Acq On : 14 Nov 2023 09:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

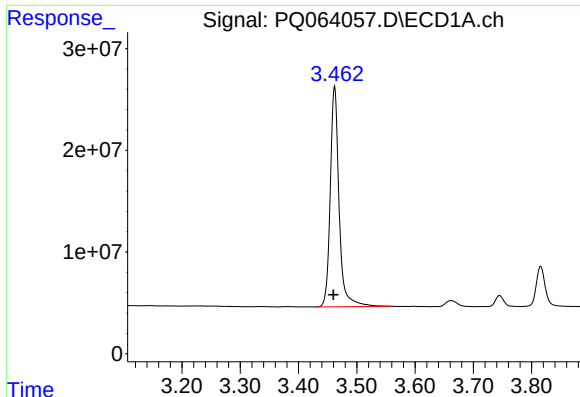
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 19:40:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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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	7.645	6.589	61052406	143.1E6	136.332	275.752 #
43) L9	AR-1268-3	7.833	6.795	3961716	3607119	10.155	7.779
44) L9	AR-1268-4	8.159	7.087	39062930	53746503	249.869	275.165
45) L9	AR-1268-5	8.459	7.357	14065571	22907748	12.474	14.968

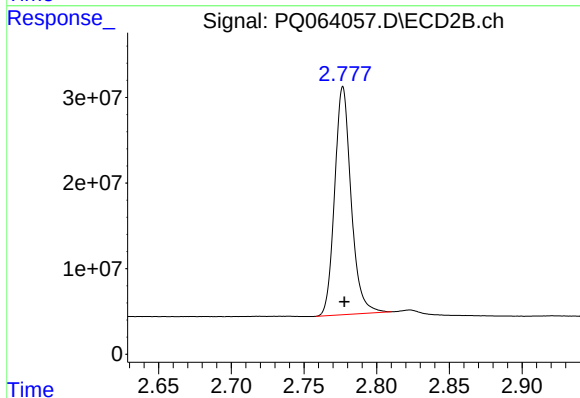
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

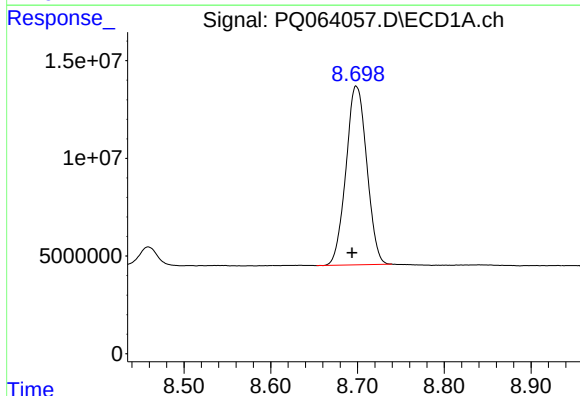
R.T.: 3.462 min
Delta R.T.: 0.002 min
Response: 229072898
Conc: 53.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



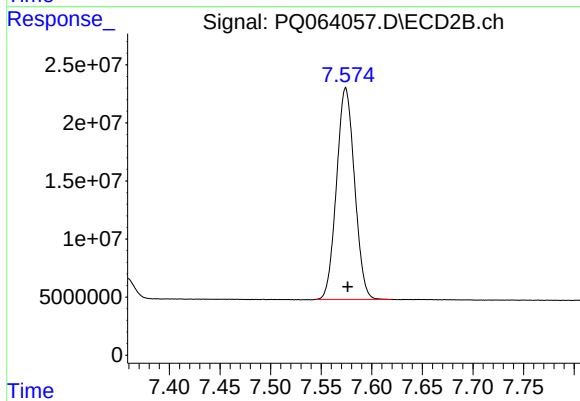
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 210241847
Conc: 57.17 ng/ml



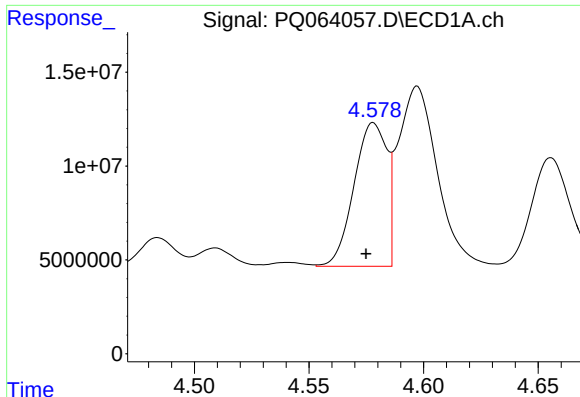
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 152440628
Conc: 47.22 ng/ml



#2 Decachlorobiphenyl

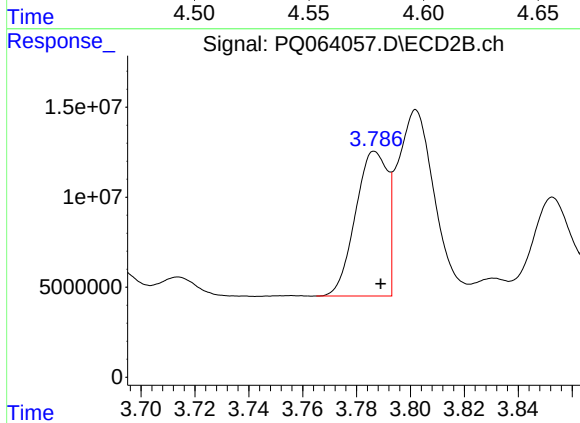
R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 225834304
Conc: 48.20 ng/ml



#3 AR-1016-1

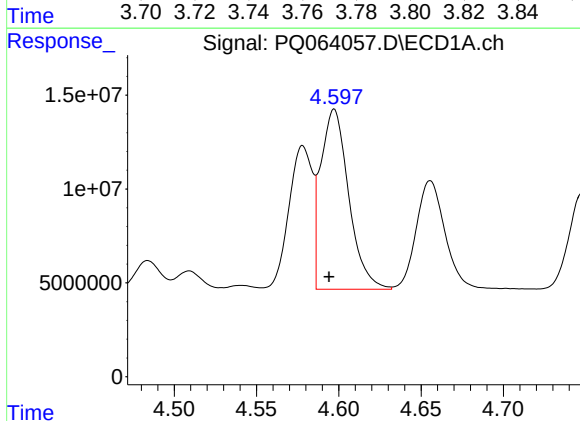
R.T.: 4.578 min
Delta R.T.: 0.003 min
Response: 76225611
Conc: 553.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



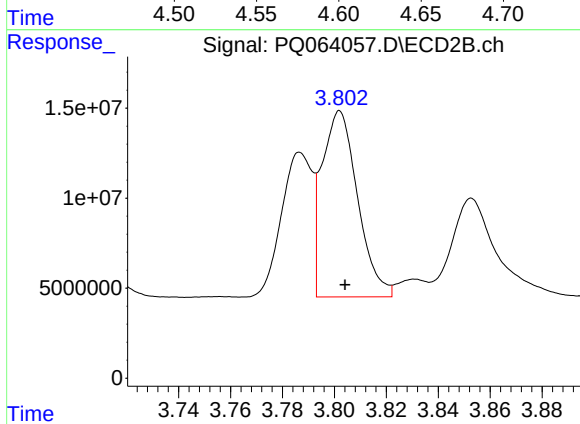
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 65972753
Conc: 523.68 ng/ml



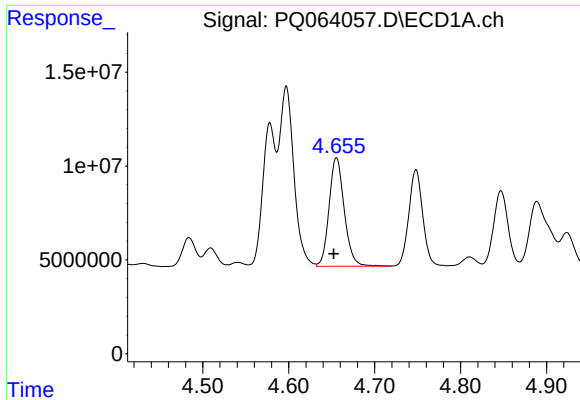
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 113916513
Conc: 539.35 ng/ml



#4 AR-1016-2

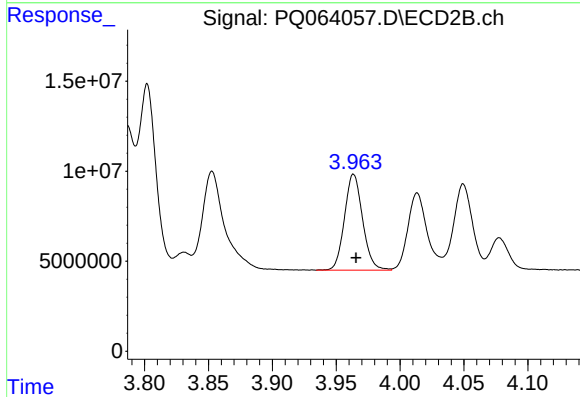
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 98805491
Conc: 545.34 ng/ml



#5 AR-1016-3

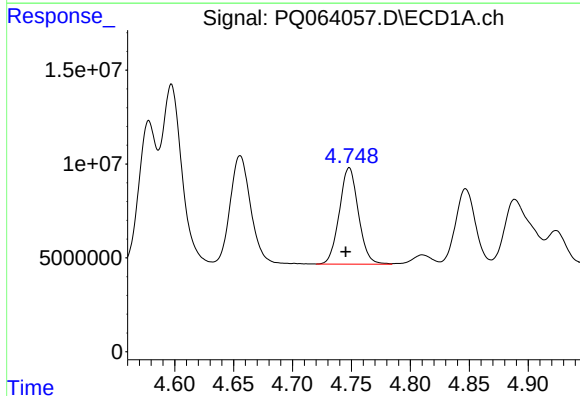
R.T.: 4.656 min
Delta R.T.: 0.003 min
Response: 70653758
Conc: 530.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



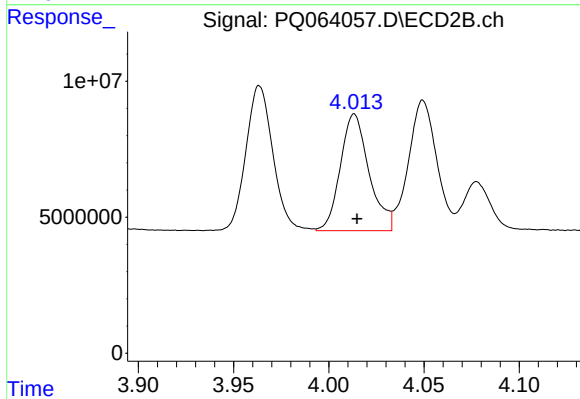
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 52642691
Conc: 540.20 ng/ml



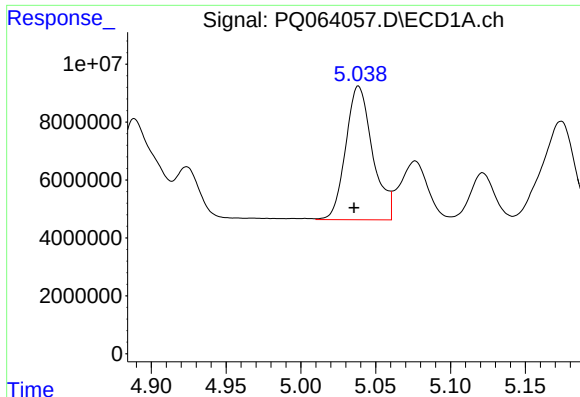
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.003 min
Response: 57703569
Conc: 548.83 ng/ml



#6 AR-1016-4

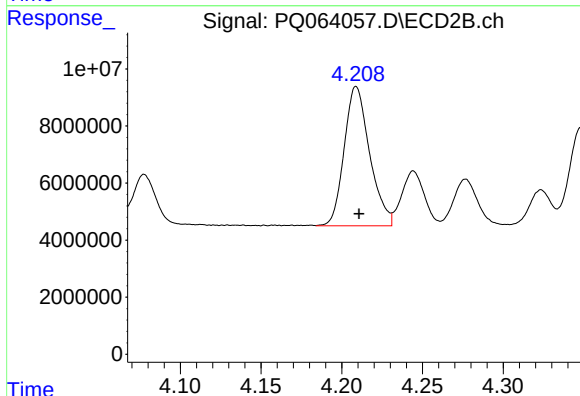
R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 44979942
Conc: 533.15 ng/ml



#7 AR-1016-5

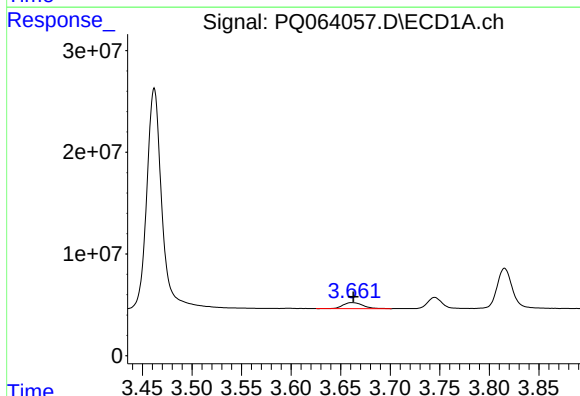
R.T.: 5.039 min
Delta R.T.: 0.003 min
Response: 57704179
Conc: 544.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



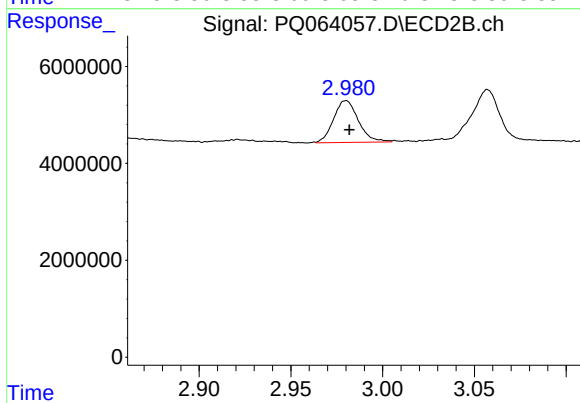
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 53556276
Conc: 535.50 ng/ml



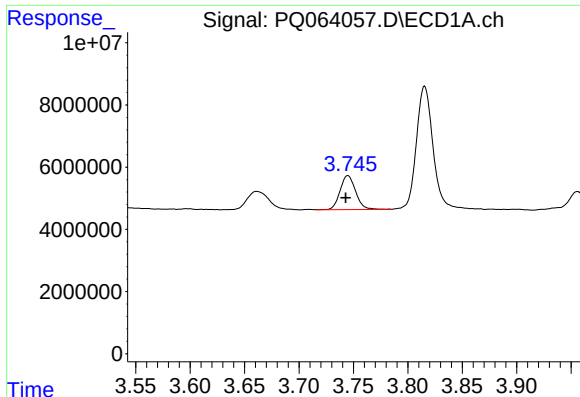
#8 AR-1221-1

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 8110121
Conc: 149.88 ng/ml



#8 AR-1221-1

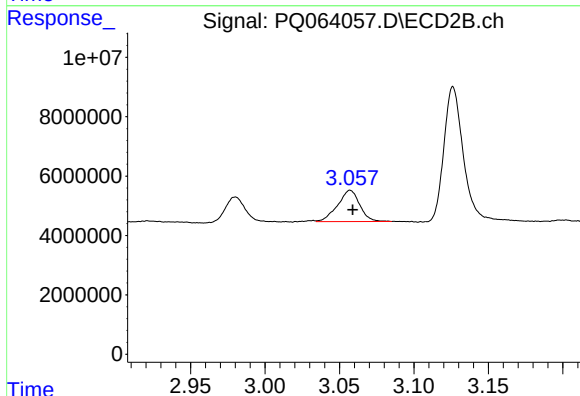
R.T.: 2.980 min
Delta R.T.: -0.002 min
Response: 8123438
Conc: 157.64 ng/ml



#9 AR-1221-2

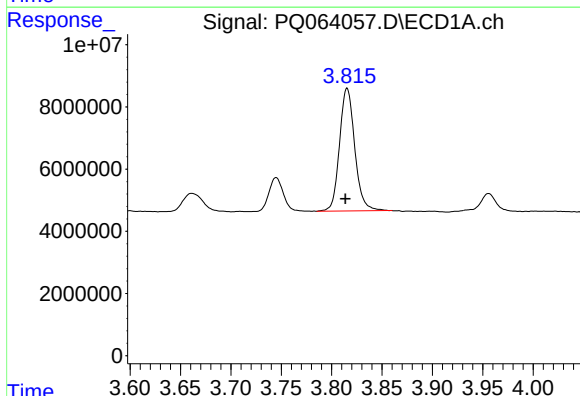
R.T.: 3.745 min
Delta R.T.: 0.002 min
Response: 10910687
Conc: 298.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



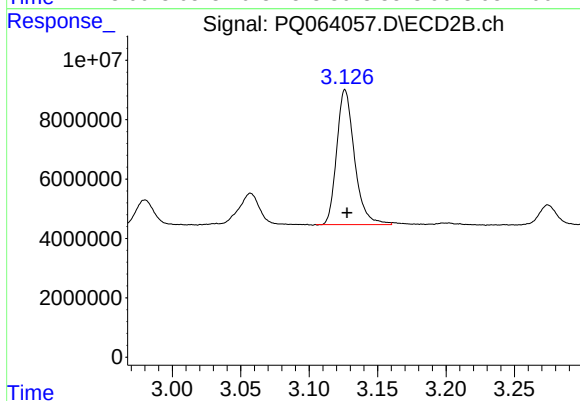
#9 AR-1221-2

R.T.: 3.057 min
Delta R.T.: -0.002 min
Response: 10937081
Conc: 313.68 ng/ml



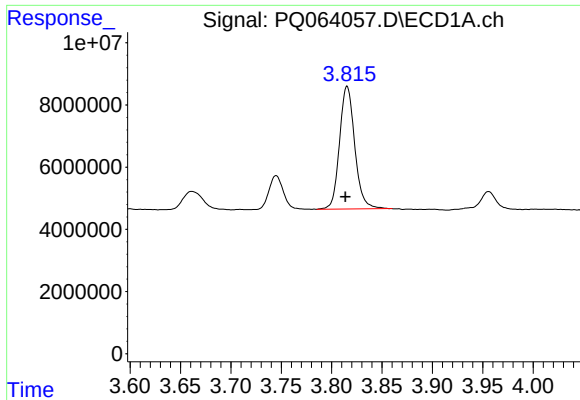
#10 AR-1221-3

R.T.: 3.815 min
Delta R.T.: 0.002 min
Response: 41575602
Conc: 350.09 ng/ml



#10 AR-1221-3

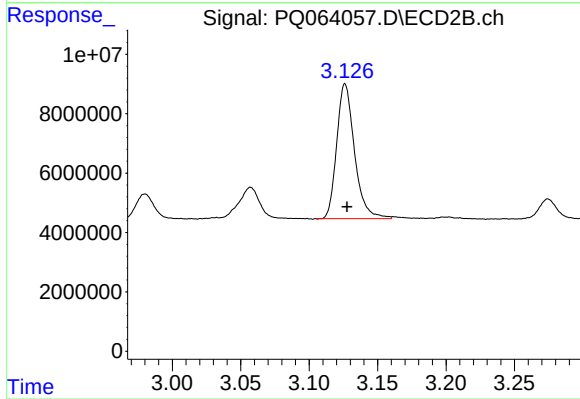
R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 41026091
Conc: 371.94 ng/ml



#11 AR-1232-1

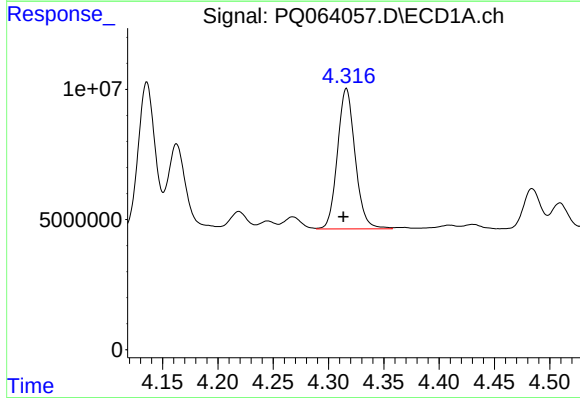
R.T.: 3.815 min
Delta R.T.: 0.002 min
Response: 41575602
Conc: 444.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



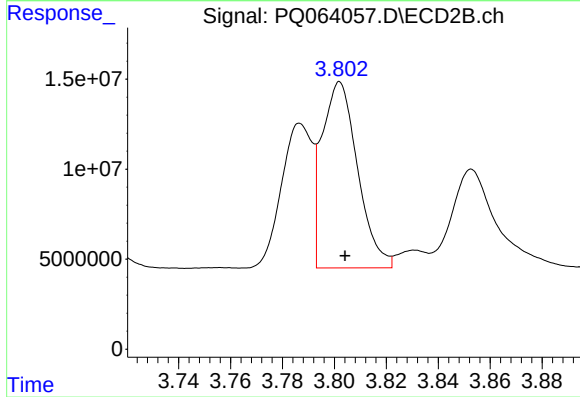
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 41026091
Conc: 473.80 ng/ml



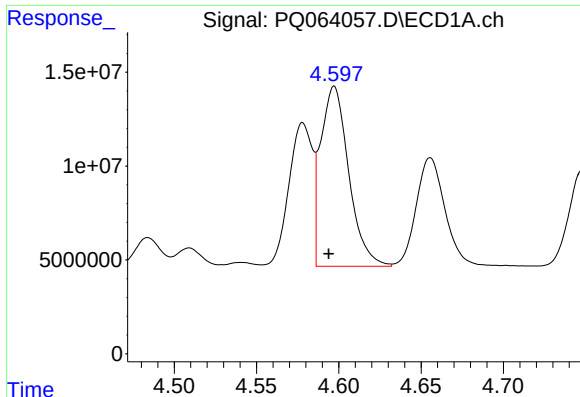
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.003 min
Response: 60123123
Conc: 1144.83 ng/ml



#12 AR-1232-2

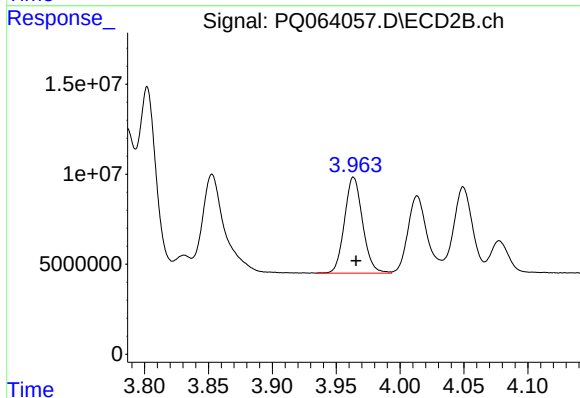
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 98805491
Conc: 1242.19 ng/ml



#13 AR-1232-3

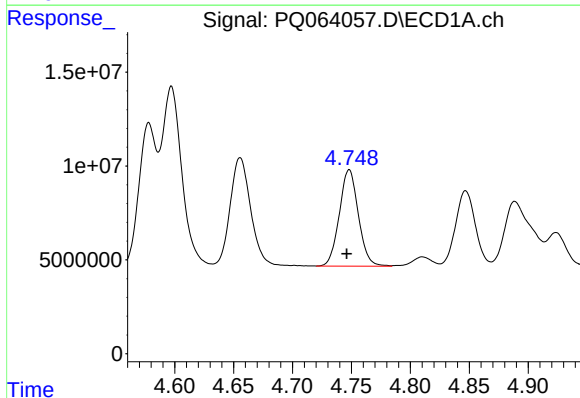
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 113916513
Conc: 1266.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



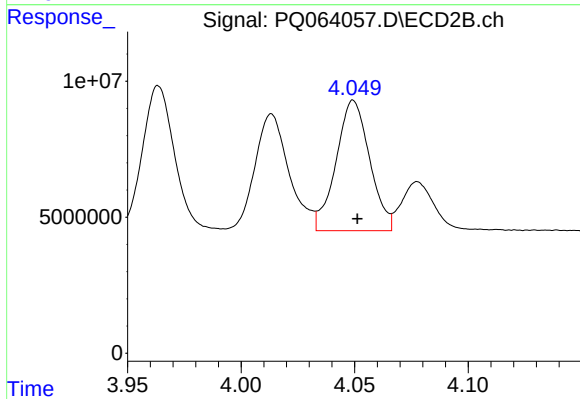
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 52642691
Conc: 1271.58 ng/ml



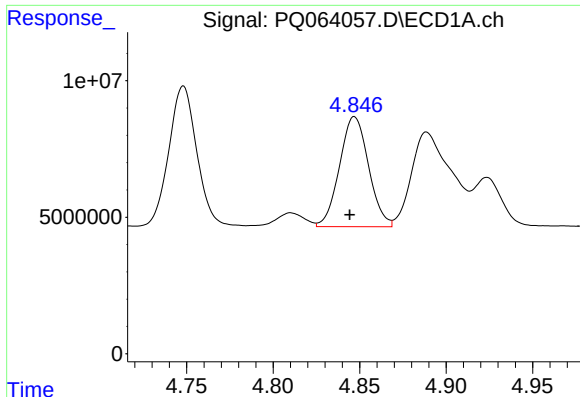
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 57703569
Conc: 1319.69 ng/ml



#14 AR-1232-4

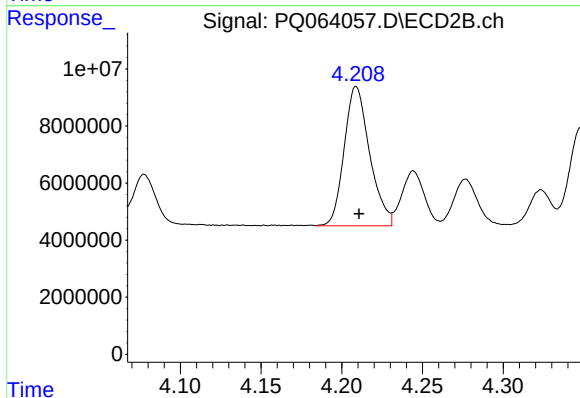
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 49376924
Conc: 1359.62 ng/ml



#15 AR-1232-5

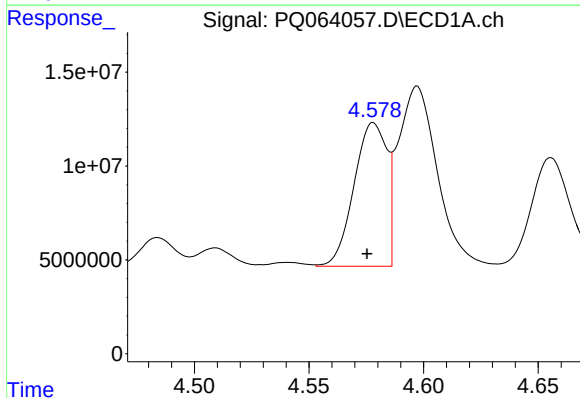
R.T.: 4.847 min
Delta R.T.: 0.003 min
Response: 46935260
Conc: 1403.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



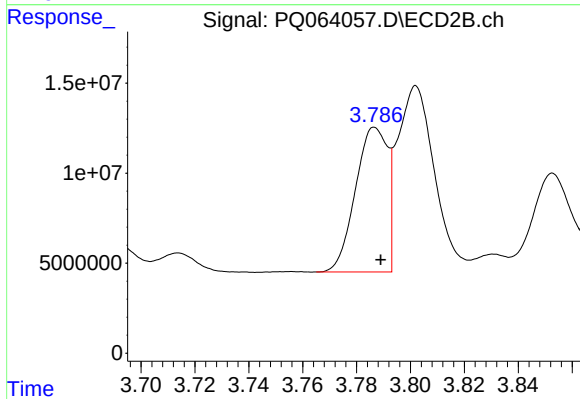
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 53556276
Conc: 1274.62 ng/ml



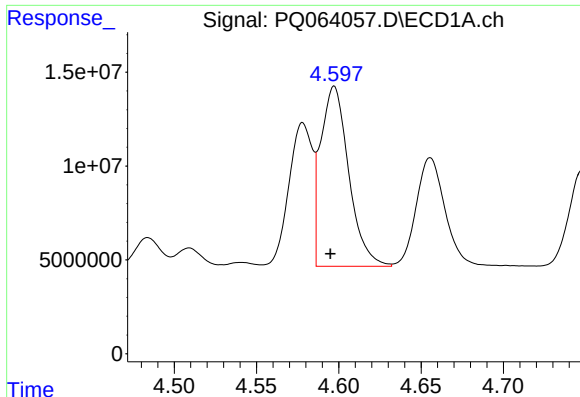
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.003 min
Response: 76225611
Conc: 676.45 ng/ml



#16 AR-1242-1

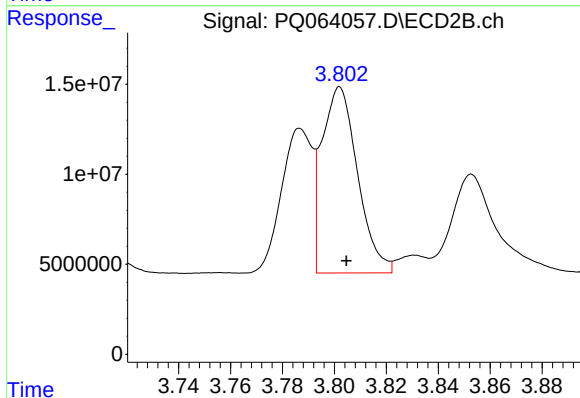
R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 65972753
Conc: 641.34 ng/ml



#17 AR-1242-2

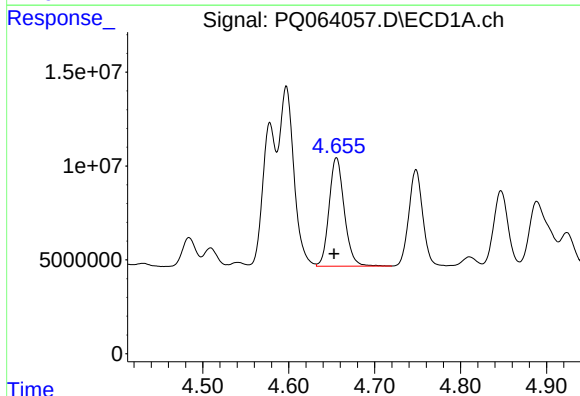
R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 113916513
Conc: 673.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



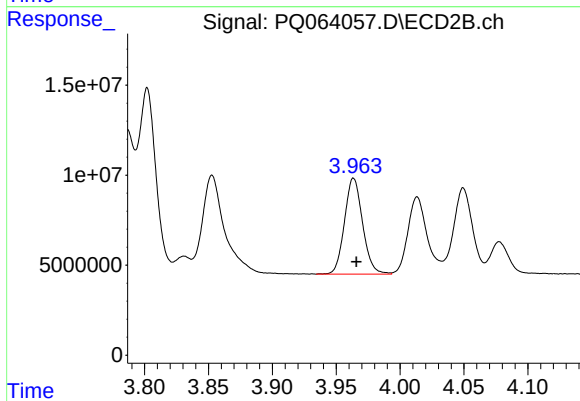
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 98805491
Conc: 669.54 ng/ml



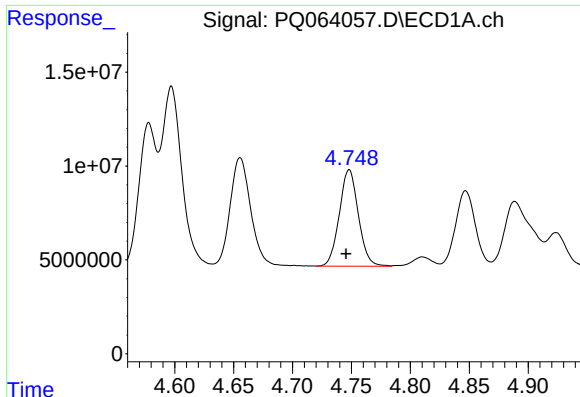
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.003 min
Response: 70653758
Conc: 669.41 ng/ml



#18 AR-1242-3

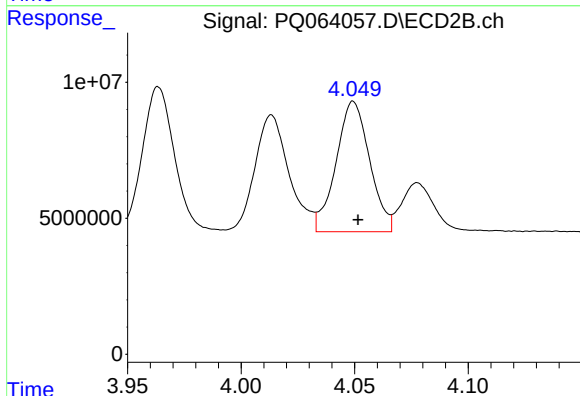
R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 52642691
Conc: 661.71 ng/ml



#19 AR-1242-4

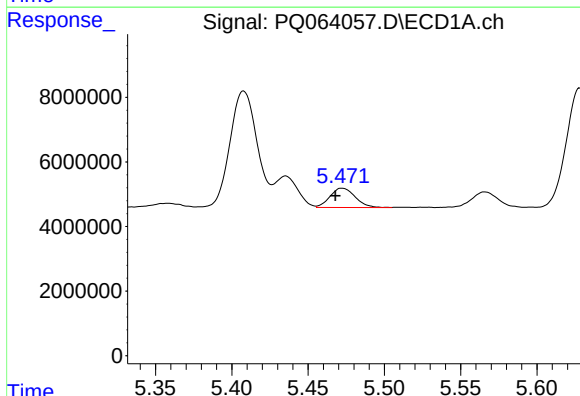
R.T.: 4.748 min
Delta R.T.: 0.003 min
Response: 57703569
Conc: 680.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



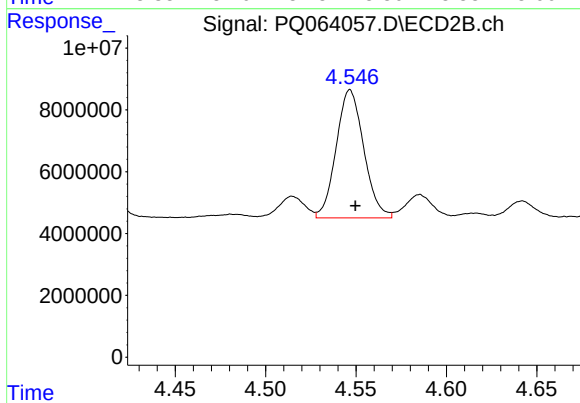
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 49376924
Conc: 650.67 ng/ml



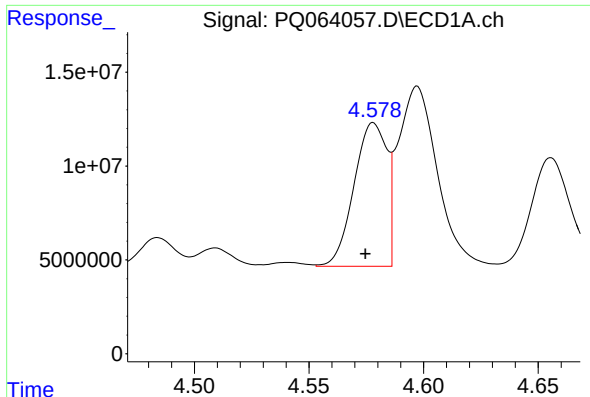
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: 0.004 min
Response: 6856817
Conc: 77.55 ng/ml



#20 AR-1242-5

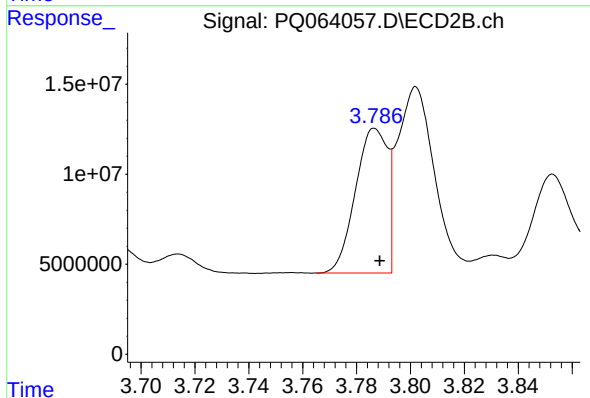
R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 44052074
Conc: 437.92 ng/ml



#21 AR-1248-1

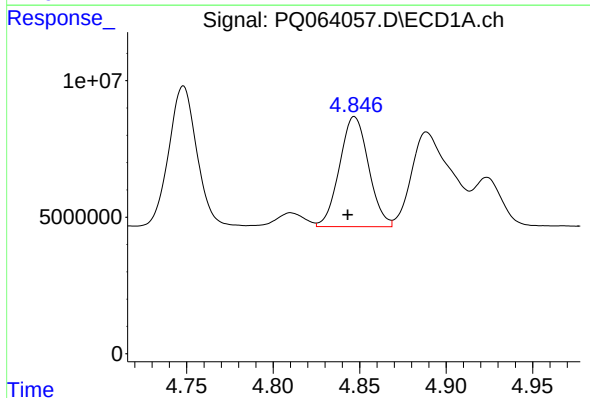
R.T.: 4.578 min
Delta R.T.: 0.004 min
Response: 76225611
Conc: 915.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



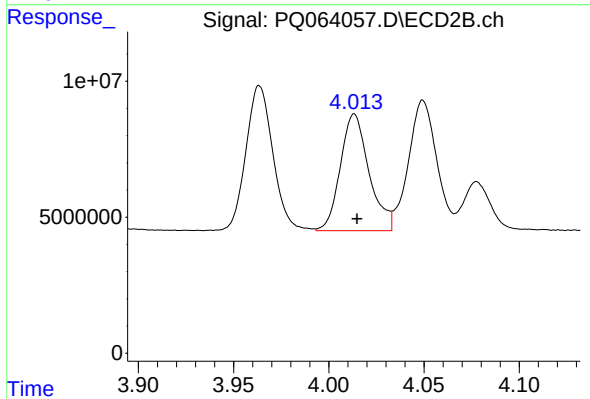
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 65972753
Conc: 846.09 ng/ml



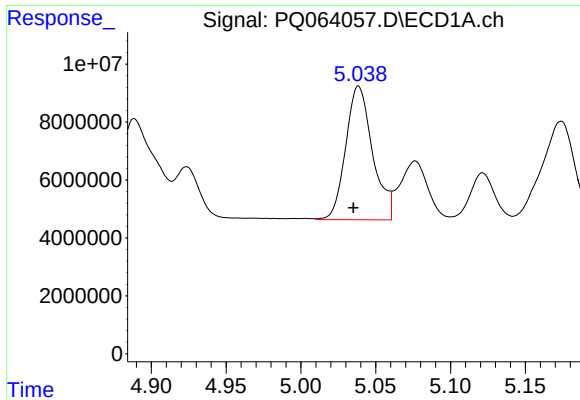
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.004 min
Response: 46935260
Conc: 386.71 ng/ml



#22 AR-1248-2

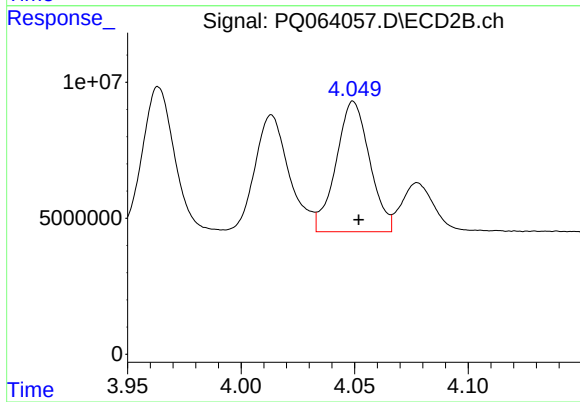
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 44979942
Conc: 379.44 ng/ml



#23 AR-1248-3

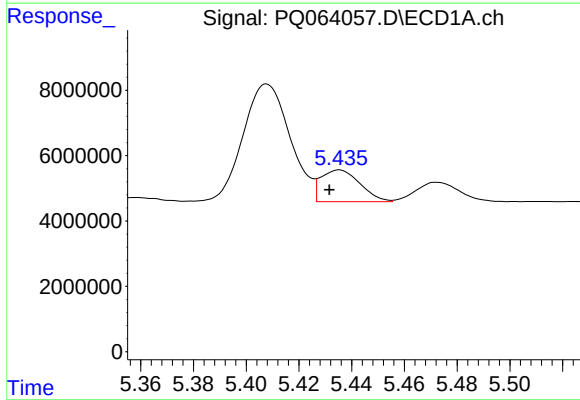
R.T.: 5.039 min
Delta R.T.: 0.003 min
Response: 57704179
Conc: 398.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



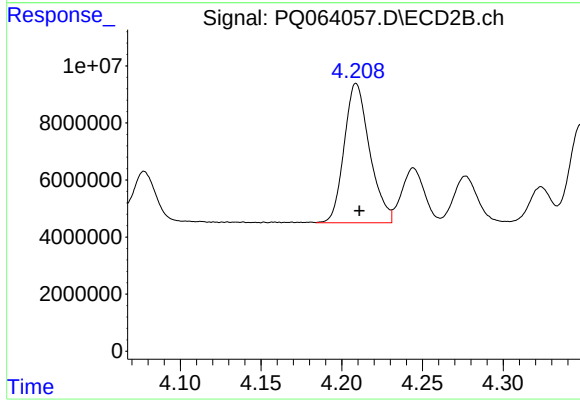
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 49376924
Conc: 438.27 ng/ml



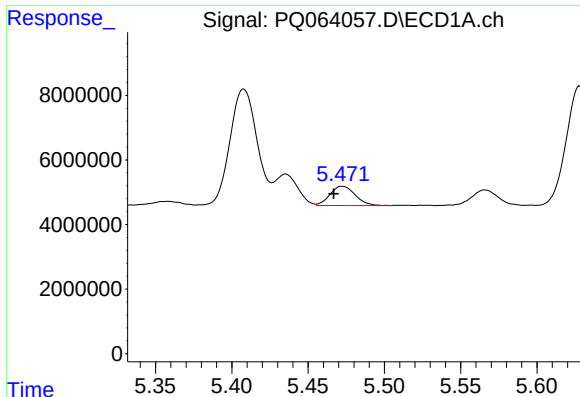
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.004 min
Response: 9986255
Conc: 64.44 ng/ml



#24 AR-1248-4

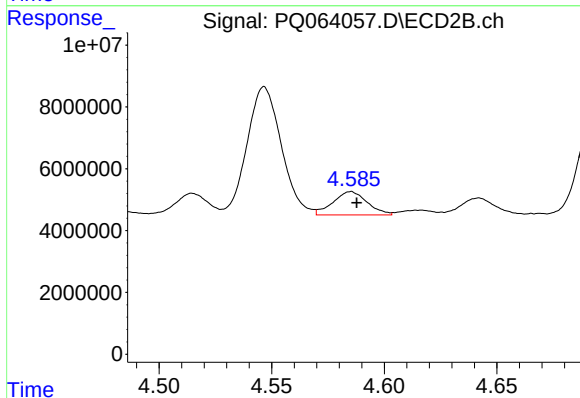
R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 53556276
Conc: 389.05 ng/ml



#25 AR-1248-5

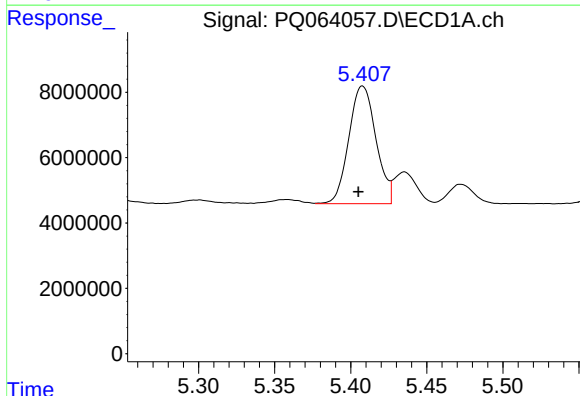
R.T.: 5.472 min
Delta R.T.: 0.005 min
Response: 6856817
Conc: 44.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



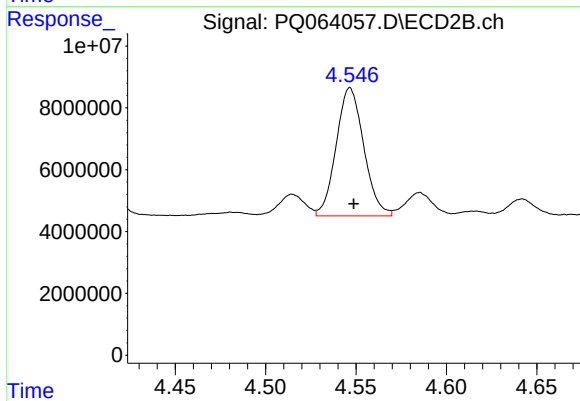
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 7990207
Conc: 59.51 ng/ml



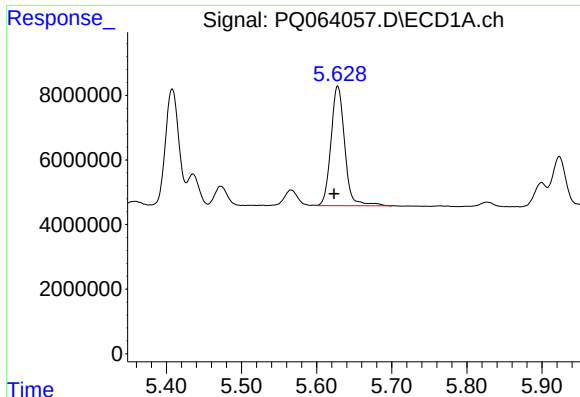
#26 AR-1254-1

R.T.: 5.408 min
Delta R.T.: 0.003 min
Response: 44687577
Conc: 284.73 ng/ml



#26 AR-1254-1

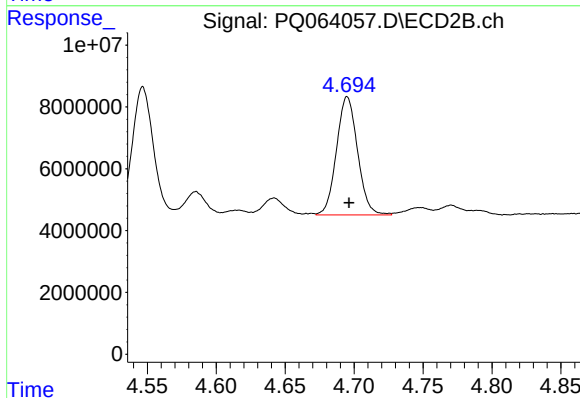
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 44052074
Conc: 226.65 ng/ml



#27 AR-1254-2

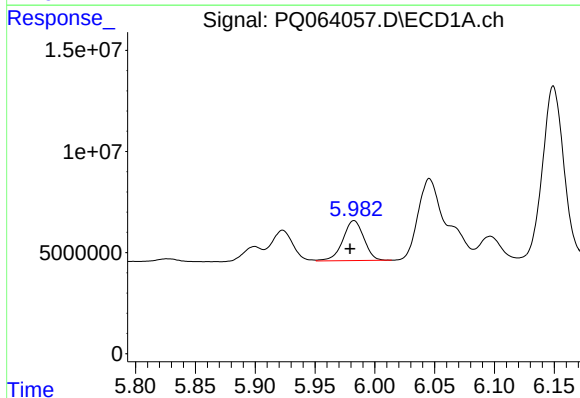
R.T.: 5.628 min
Delta R.T.: 0.005 min
Response: 47084052
Conc: 198.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



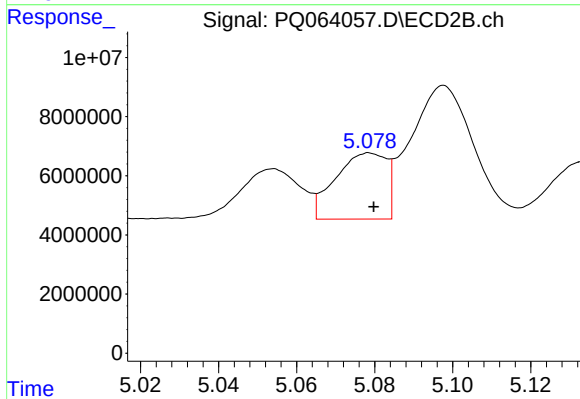
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.001 min
Response: 40737346
Conc: 233.85 ng/ml



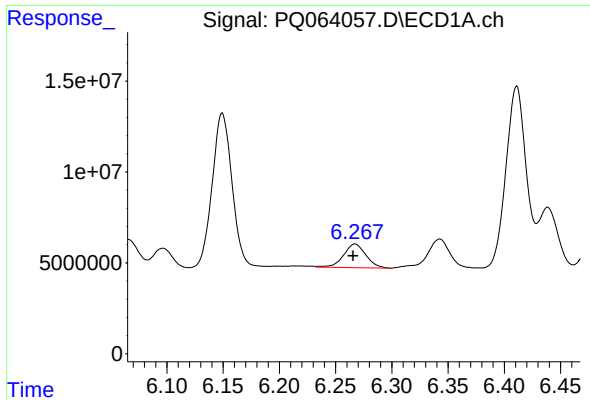
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.003 min
Response: 24082228
Conc: 97.13 ng/ml



#28 AR-1254-3

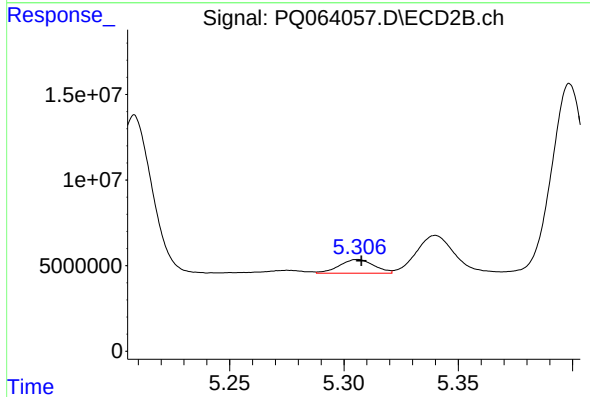
R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 20274982
Conc: 75.75 ng/ml



#29 AR-1254-4

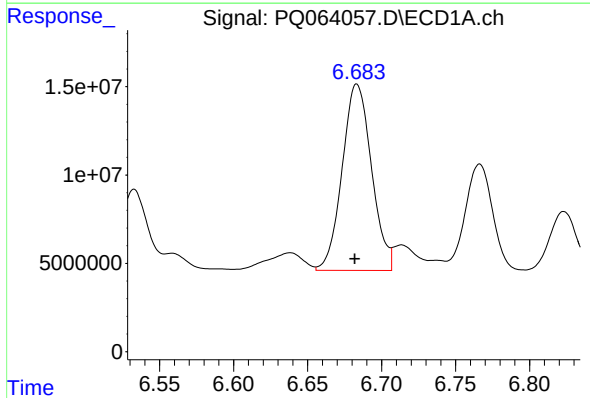
R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 17950005
Conc: 99.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



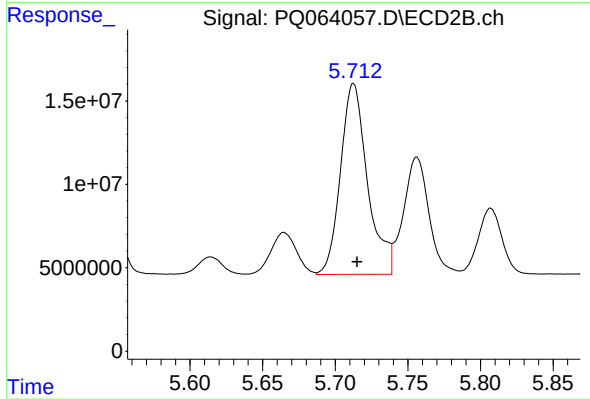
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 8399620
Conc: 47.88 ng/ml



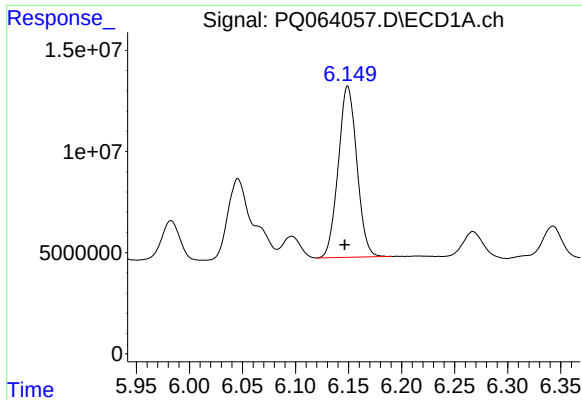
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 145391536
Conc: 728.93 ng/ml



#30 AR-1254-5

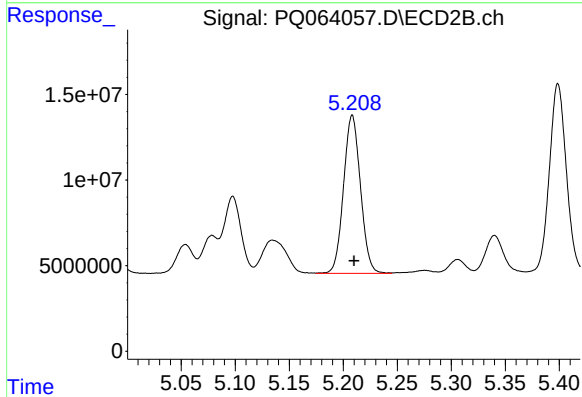
R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 148003486
Conc: 580.54 ng/ml



#31 AR-1260-1

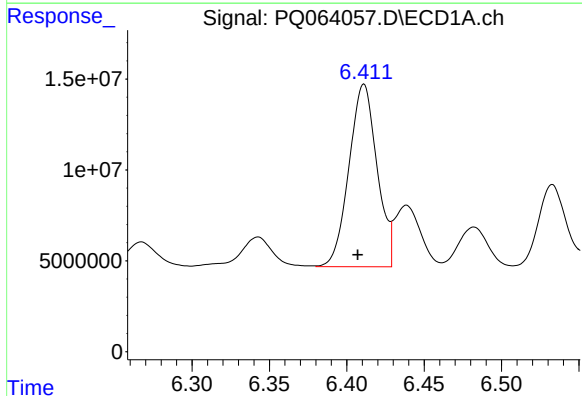
R.T.: 6.149 min
Delta R.T.: 0.003 min
Response: 103468060
Conc: 505.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



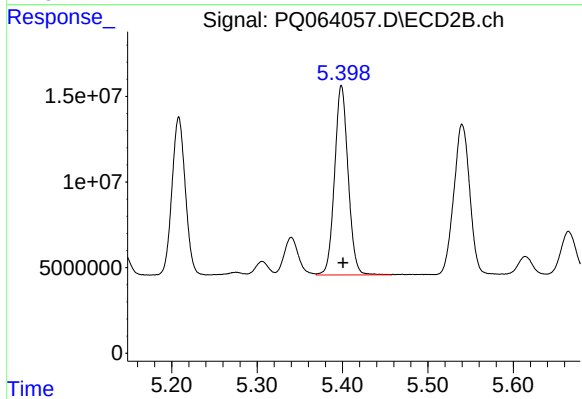
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 100713277
Conc: 509.18 ng/ml



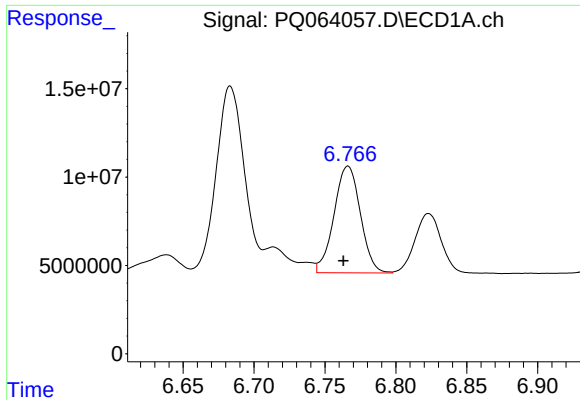
#32 AR-1260-2

R.T.: 6.411 min
Delta R.T.: 0.004 min
Response: 126693190
Conc: 524.47 ng/ml



#32 AR-1260-2

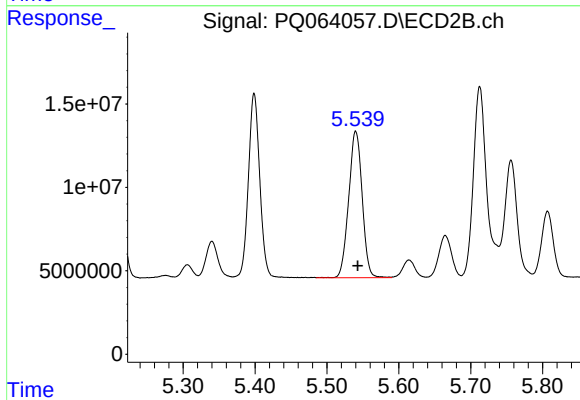
R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 121904694
Conc: 510.63 ng/ml



#33 AR-1260-3

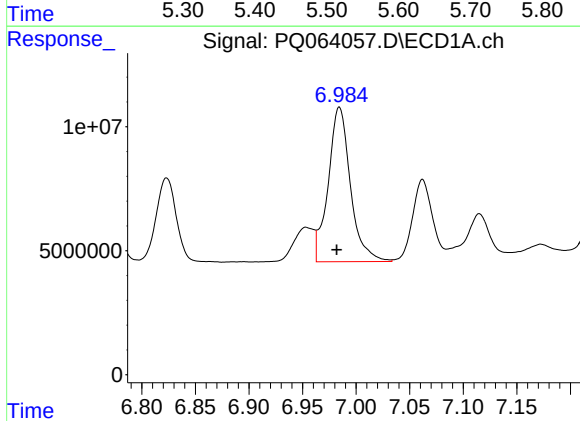
R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 78106715
Conc: 485.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



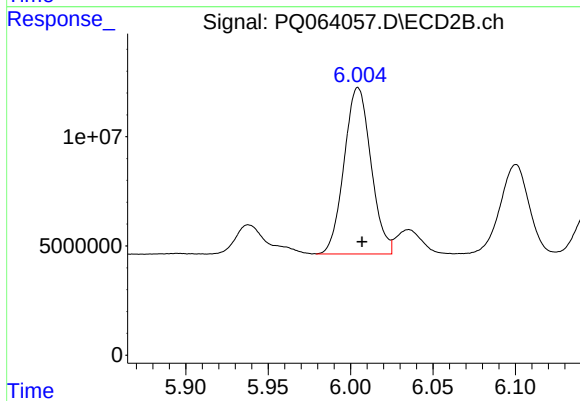
#33 AR-1260-3

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 114403411
Conc: 506.49 ng/ml



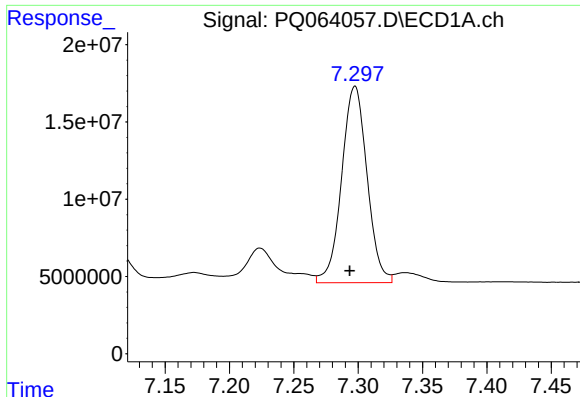
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: 0.003 min
Response: 90080212
Conc: 488.26 ng/ml



#34 AR-1260-4

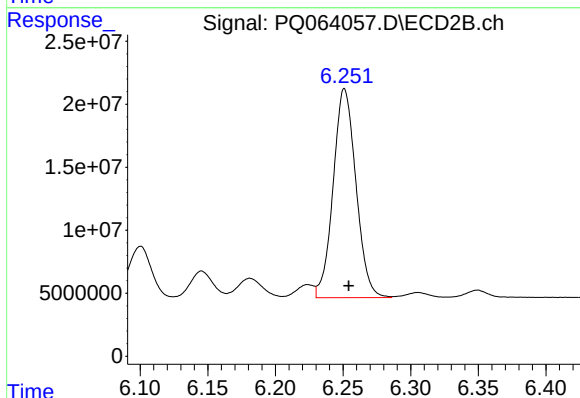
R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 86443254
Conc: 502.40 ng/ml



#35 AR-1260-5

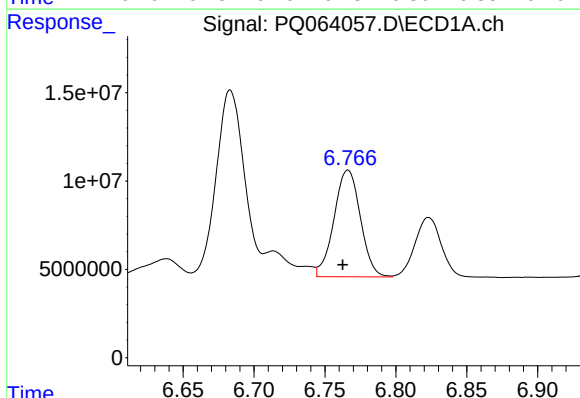
R.T.: 7.298 min
Delta R.T.: 0.004 min
Response: 174950864
Conc: 492.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



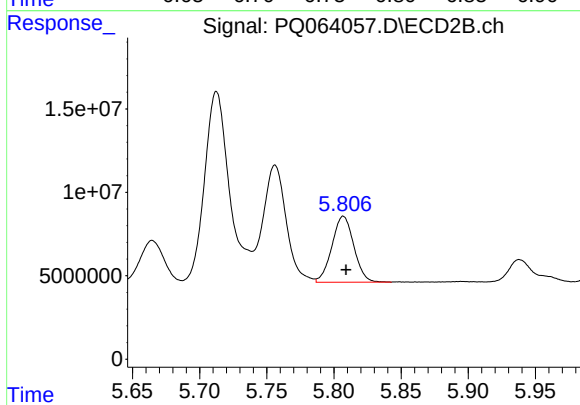
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 194660271
Conc: 487.79 ng/ml



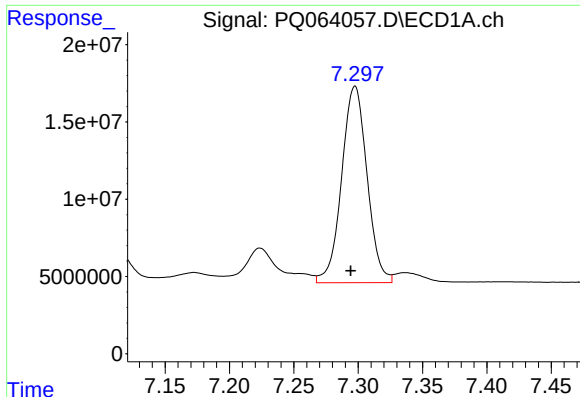
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.004 min
Response: 78106715
Conc: 298.87 ng/ml



#36 AR-1262-1

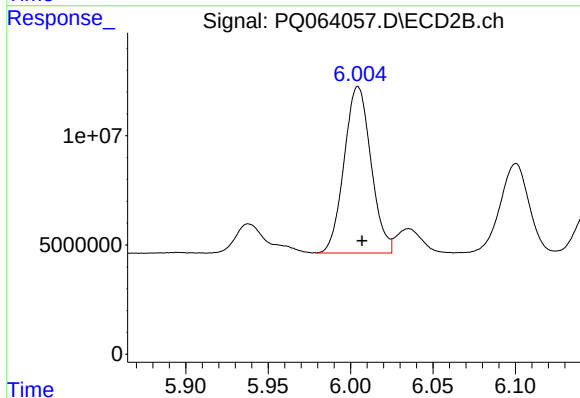
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 44937746
Conc: 410.47 ng/ml



#37 AR-1262-2

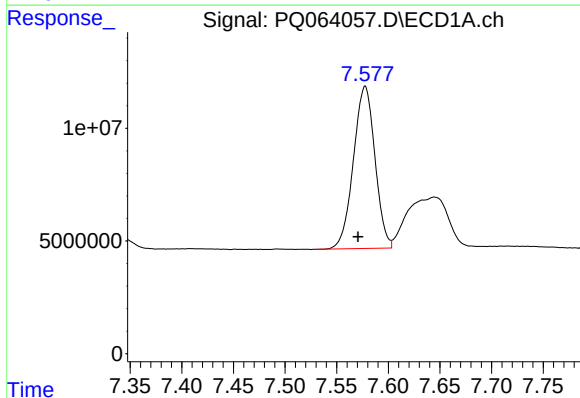
R.T.: 7.298 min
Delta R.T.: 0.003 min
Response: 174950864
Conc: 411.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



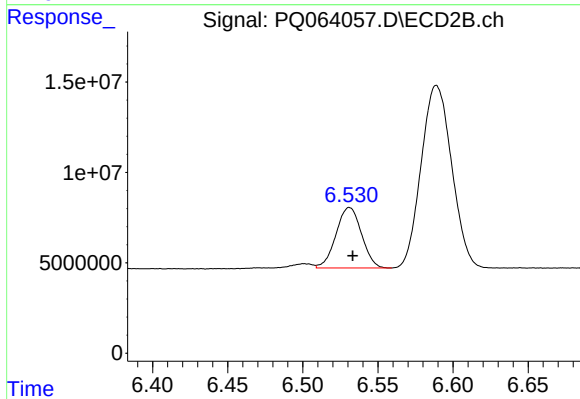
#37 AR-1262-2

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 86443254
Conc: 349.95 ng/ml



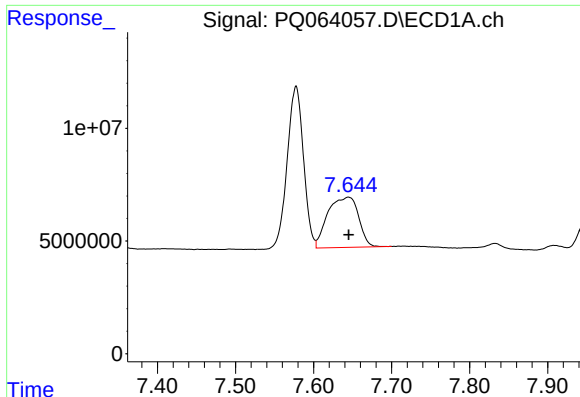
#38 AR-1262-3

R.T.: 7.578 min
Delta R.T.: 0.007 min
Response: 104506841
Conc: 364.74 ng/ml



#38 AR-1262-3

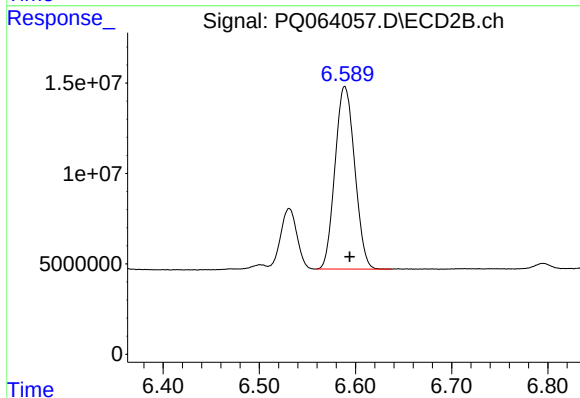
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 39553448
Conc: 195.24 ng/ml



#39 AR-1262-4

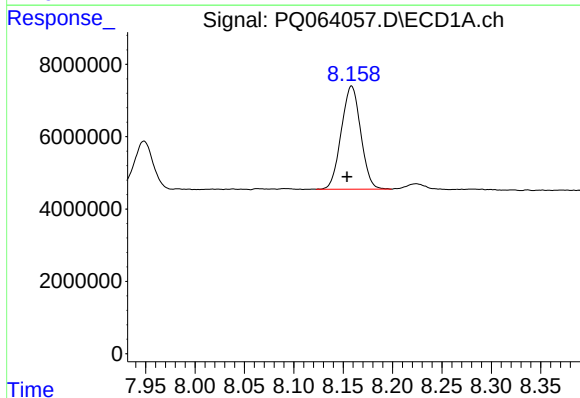
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 61052406
Conc: 266.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



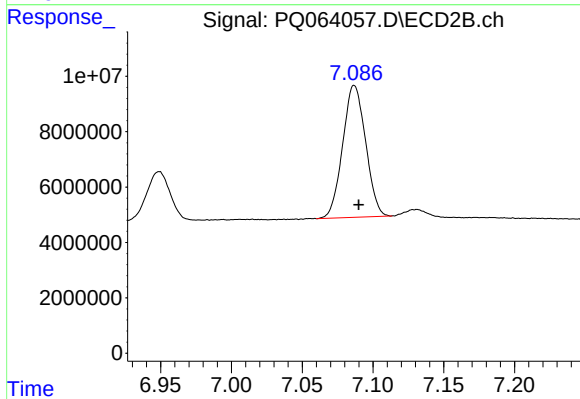
#39 AR-1262-4

R.T.: 6.589 min
Delta R.T.: -0.005 min
Response: 143147265
Conc: 384.15 ng/ml



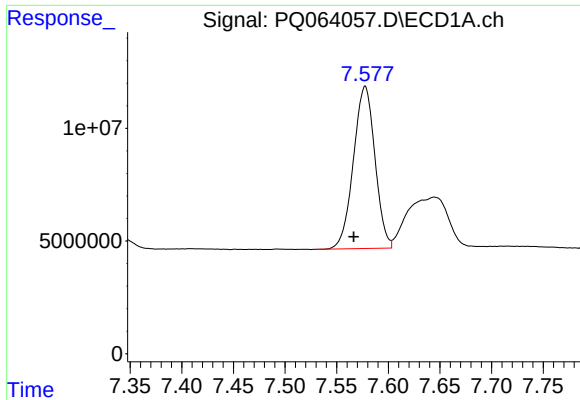
#40 AR-1262-5

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 39062930
Conc: 274.23 ng/ml



#40 AR-1262-5

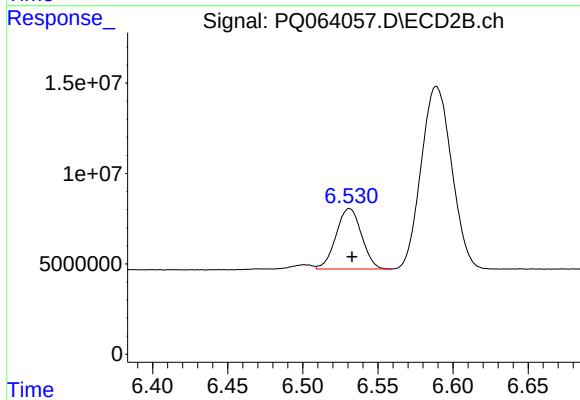
R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 53746503
Conc: 297.26 ng/ml



#41 AR-1268-1

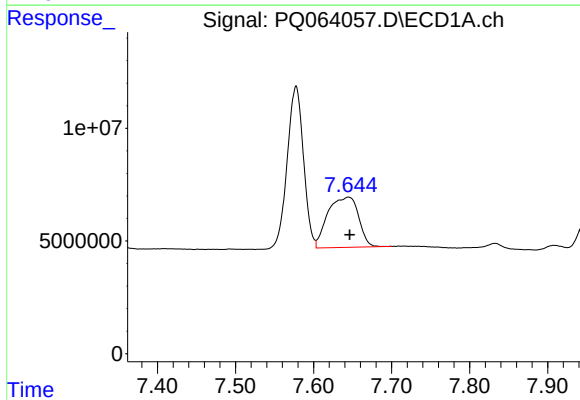
R.T.: 7.578 min
Delta R.T.: 0.011 min
Response: 104506841
Conc: 211.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



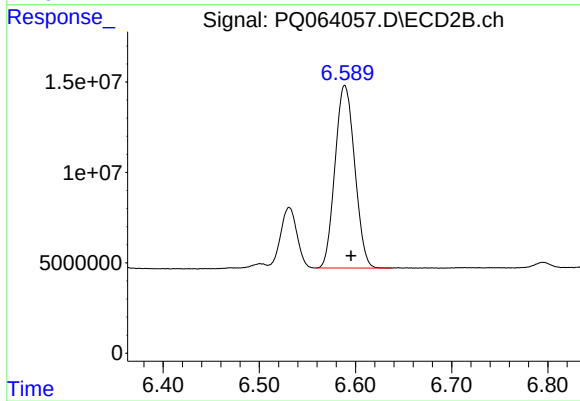
#41 AR-1268-1

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 39553448
Conc: 68.94 ng/ml



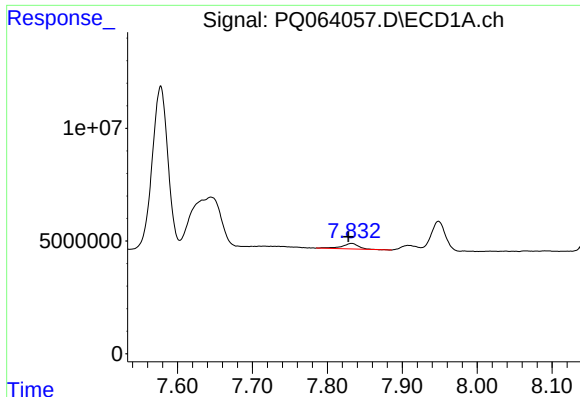
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 61052406
Conc: 136.33 ng/ml



#42 AR-1268-2

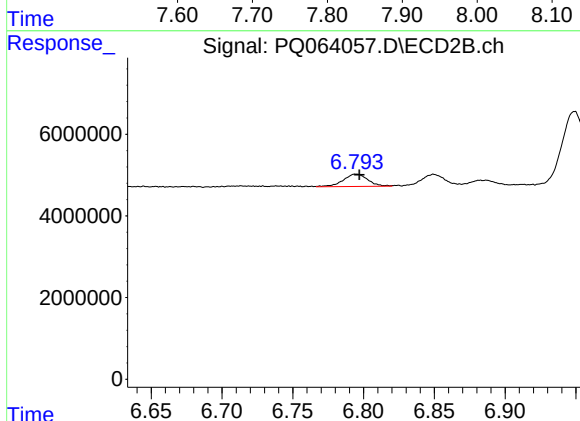
R.T.: 6.589 min
Delta R.T.: -0.006 min
Response: 143147265
Conc: 275.75 ng/ml



#43 AR-1268-3

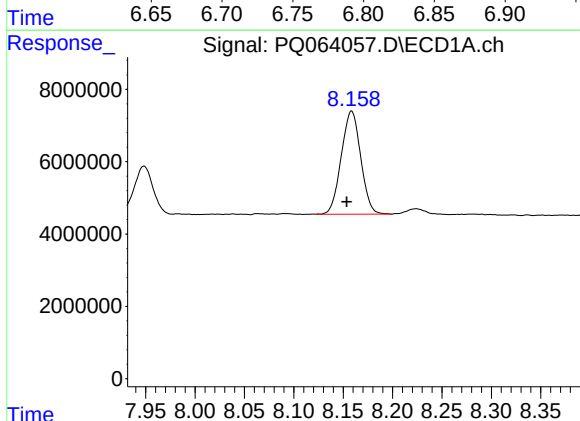
R.T.: 7.833 min
Delta R.T.: 0.004 min
Response: 3961716
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



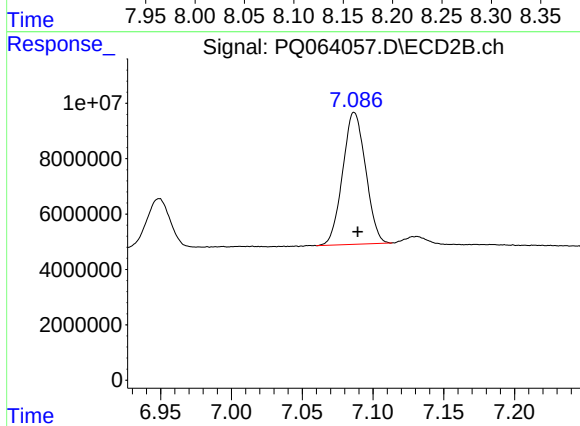
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 3607119
Conc: 7.78 ng/ml



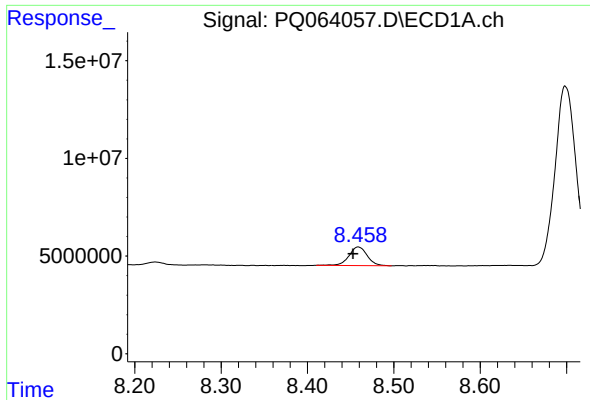
#44 AR-1268-4

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 39062930
Conc: 249.87 ng/ml



#44 AR-1268-4

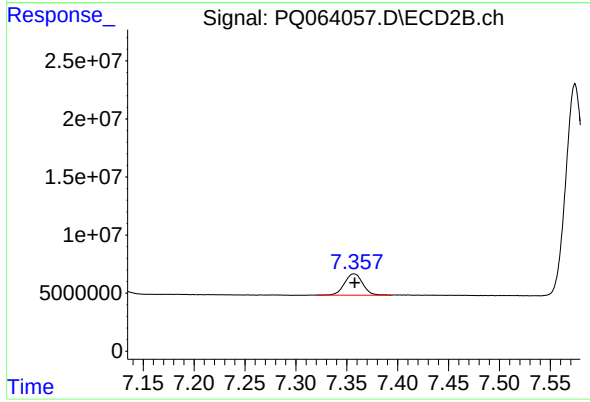
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 53746503
Conc: 275.16 ng/ml



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.006 min
Response: 14065571
Conc: 12.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 22907748
Conc: 14.97 ng/ml