

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091324\
 Data File : PQ068588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 15:40
 Operator : YP\AJ
 Sample : AR1660CCC400
 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: Sep 14 04:56:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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...	3.439	2.821	151.4E6	138.5E6	19.167	19.555
2)	SA Decachlor...	8.614	7.598	80295094	121.8E6	35.303	36.008
Target Compounds							
3)	L1 AR-1016-1	4.540	3.825	85804262	85386423	379.642	390.265
4)	L1 AR-1016-2	4.559	3.841	131.6E6	126.8E6	373.843	387.091
5)	L1 AR-1016-3	4.616	4.002	83411208	67984282	383.248	387.585
6)	L1 AR-1016-4	4.709	4.051	68466885	57375692	378.529	393.520
7)	L1 AR-1016-5	4.995	4.247	63846766	70944865	367.370	385.229
8)	L2 AR-1221-1	3.637	3.020	9407898	8807441	102.459	103.080
9)	L2 AR-1221-2	3.718	3.097	12431754	11352123	194.728	190.444
10)	L2 AR-1221-3	3.788	3.166	50713774	49391380	245.558	255.652
11)	L3 AR-1232-1	3.788	3.166	50713774	49391380	307.218	324.609
12)	L3 AR-1232-2	4.281	3.841	68818591	126.8E6	757.683	817.397
13)	L3 AR-1232-3	4.559	4.002	131.6E6	67984282	778.042	836.075
14)	L3 AR-1232-4	4.709	4.088	68466885	63272427	792.433	905.821
15)	L3 AR-1232-5	4.805	4.247	50911228	70944865	901.541	902.560
16)	L4 AR-1242-1	4.540	3.825	85804262	85386423	419.781	441.338
17)	L4 AR-1242-2	4.559	3.841	131.6E6	126.8E6	420.510	436.167
18)	L4 AR-1242-3	4.616	4.002	83411208	67984282	426.317	438.905
19)	L4 AR-1242-4	4.709	4.088	68466885	63272427	423.624	432.442
20)	L4 AR-1242-5	5.425	4.584	17615037	69434451	104.187	359.187 #
21)	L5 AR-1248-1	4.540	3.825	85804262	85386423	557.322	598.539
22)	L5 AR-1248-2	4.805	4.051	50911228	57375692	242.269	259.403
23)	L5 AR-1248-3	4.995	4.088	63846766	63272427	253.051	294.648
24)	L5 AR-1248-4	5.389	4.247	22265149	70944865	79.183	268.636 #
25)	L5 AR-1248-5	5.425	4.623	17615037	17898378	62.402	67.654
26)	L6 AR-1254-1	5.361	4.584	56764124	69434451	205.185	176.713
27)	L6 AR-1254-2	5.579	4.732	51159701	50371718	119.805	146.790
28)	L6 AR-1254-3	5.932	5.115	23724278	20909336	52.822	38.629 #
29)	L6 AR-1254-4	6.214	5.341	14432393	8058941	45.142	23.892 #
30)	L6 AR-1254-5	6.627	5.746	146.5E6	181.7E6	422.410	372.897
31)	L7 AR-1260-1	6.097	5.243	116.3E6	137.8E6	352.411	378.786
32)	L7 AR-1260-2	6.355	5.434	132.2E6	167.5E6	350.794	381.626
33)	L7 AR-1260-3	6.709	5.575	94684741	153.7E6	342.412	356.593
34)	L7 AR-1260-4	6.927	6.037	106.0E6	126.5E6	347.276	372.504
35)	L7 AR-1260-5	7.237	6.283	197.8E6	288.8E6	338.941	363.839
36)	L8 AR-1262-1	6.709	5.789	94684741	134.9E6	224.075	262.149
37)	L8 AR-1262-2	7.237	6.283	197.8E6	288.8E6	289.632	320.688
38)	L8 AR-1262-3	7.515	6.560	122.9E6	61879210	277.656	180.157 #
39)	L8 AR-1262-4	7.585	6.619	75552200	206.7E6	220.526	312.382 #
40)	L8 AR-1262-5	8.089	7.114	46698943	72260155	222.350	231.190
41)	L9 AR-1268-1	7.515	6.560	122.9E6	61879210	159.957	62.118 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091324\
Data File : PQ068588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2024 15:40
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

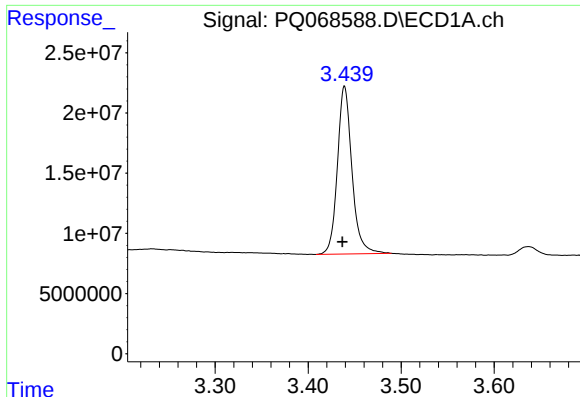
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 04:56:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 2024
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	7.585	6.619	75552200	206.7E6	105.282	221.549 #
43)	L9 AR-1268-3	7.767	6.824	2136373	3698700	3.698	4.533
44)	L9 AR-1268-4	8.089	7.114	46698943	72260155	202.647	205.790
45)	L9 AR-1268-5	8.381	7.382	11731383	20587734	7.216	8.521

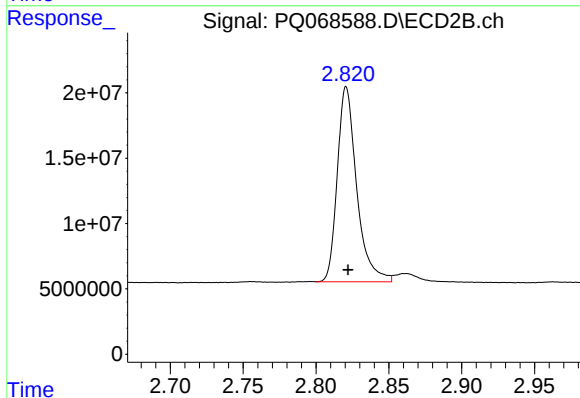
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

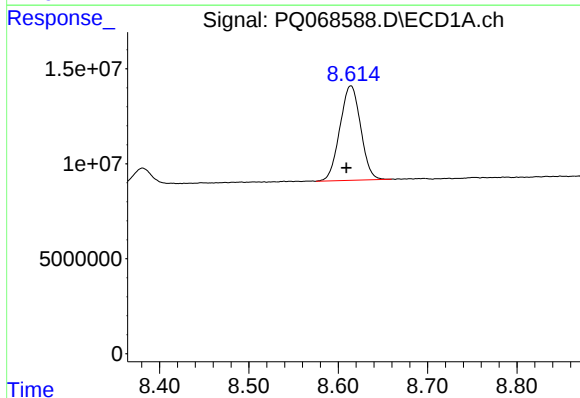
R.T.: 3.439 min
Delta R.T.: 0.002 min
Response: 151429659
Conc: 19.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



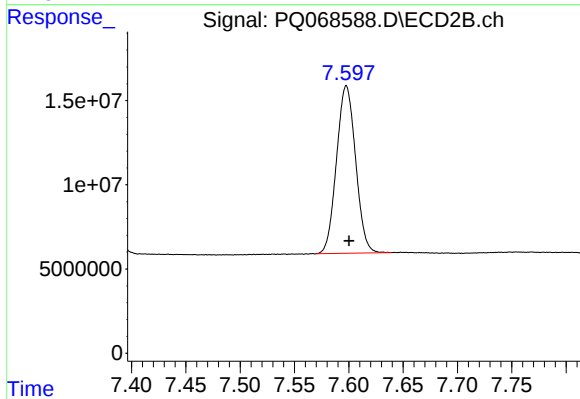
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.001 min
Response: 138498326
Conc: 19.55 ng/ml



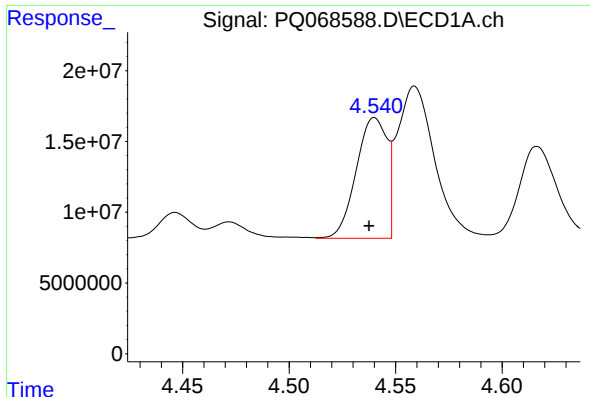
#2 Decachlorobiphenyl

R.T.: 8.614 min
Delta R.T.: 0.005 min
Response: 80295094
Conc: 35.30 ng/ml



#2 Decachlorobiphenyl

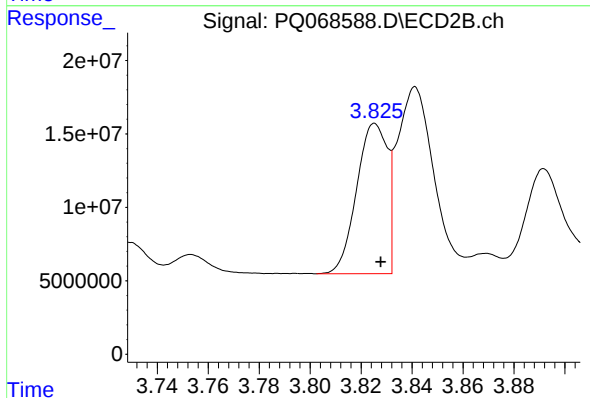
R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 121782522
Conc: 36.01 ng/ml



#3 AR-1016-1

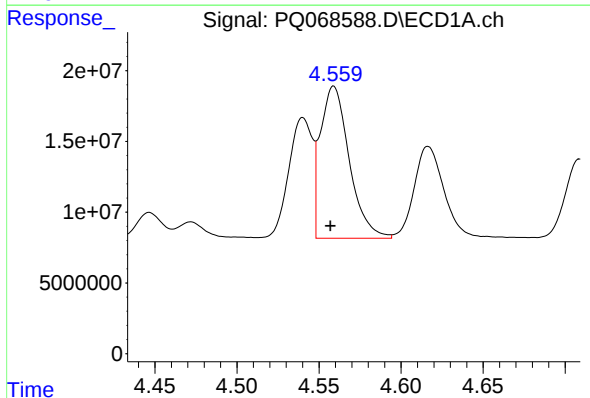
R.T.: 4.540 min
Delta R.T.: 0.003 min
Response: 85804262
Conc: 379.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



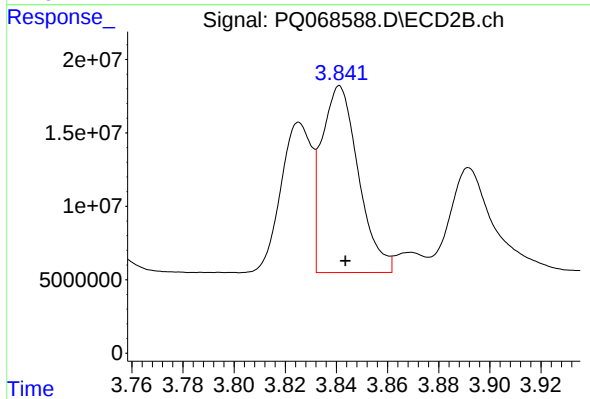
#3 AR-1016-1

R.T.: 3.825 min
Delta R.T.: -0.002 min
Response: 85386423
Conc: 390.27 ng/ml



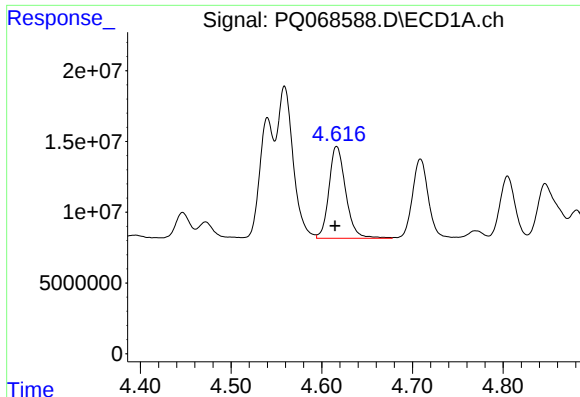
#4 AR-1016-2

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 131578517
Conc: 373.84 ng/ml



#4 AR-1016-2

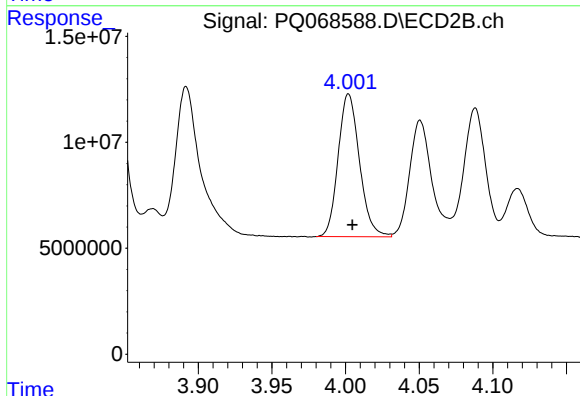
R.T.: 3.841 min
Delta R.T.: -0.002 min
Response: 126760325
Conc: 387.09 ng/ml



#5 AR-1016-3

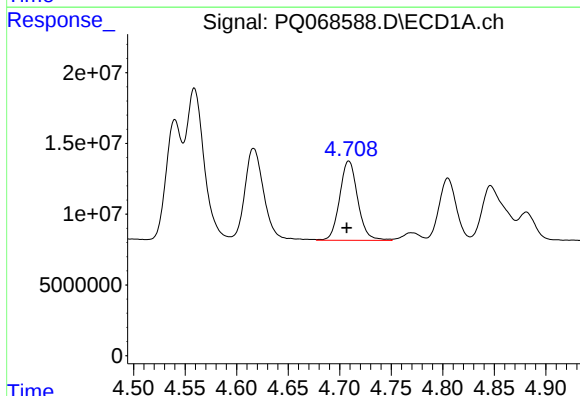
R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 83411208
Conc: 383.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



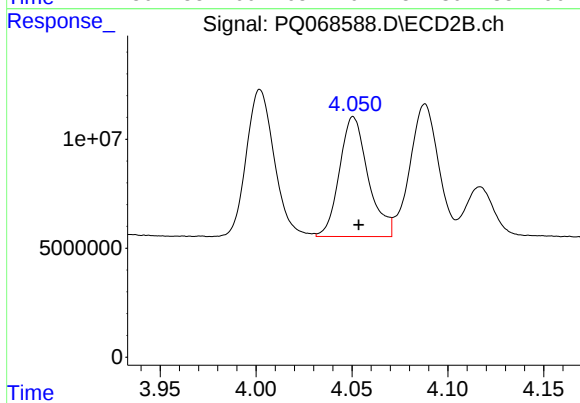
#5 AR-1016-3

R.T.: 4.002 min
Delta R.T.: -0.002 min
Response: 67984282
Conc: 387.58 ng/ml



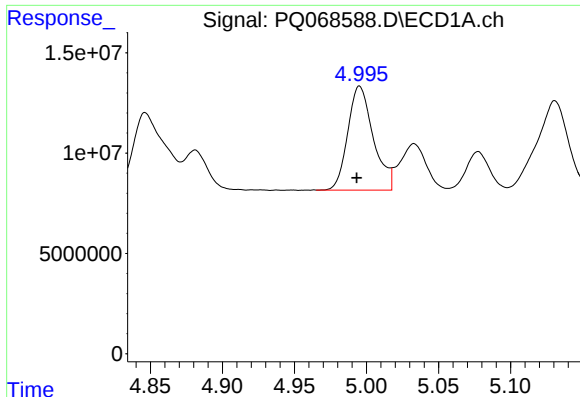
#6 AR-1016-4

R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 68466885
Conc: 378.53 ng/ml



#6 AR-1016-4

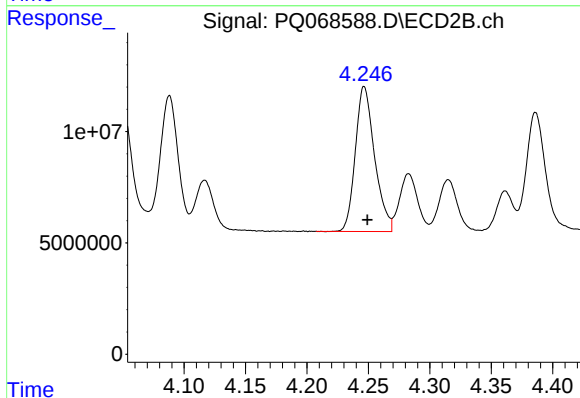
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 57375692
Conc: 393.52 ng/ml



#7 AR-1016-5

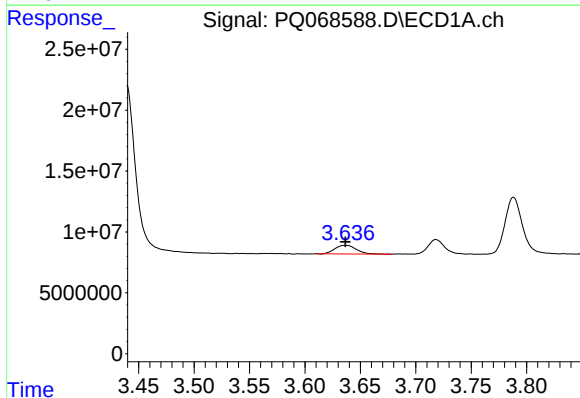
R.T.: 4.995 min
Delta R.T.: 0.002 min
Response: 63846766
Conc: 367.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



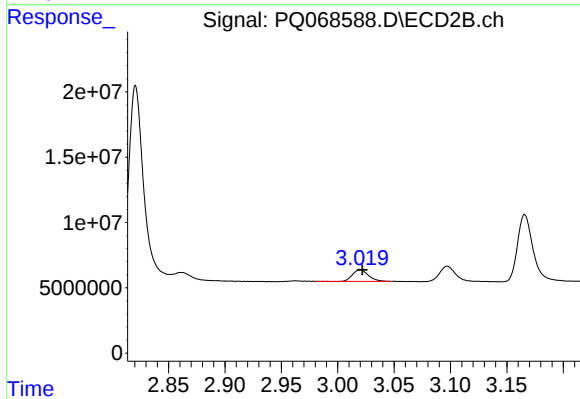
#7 AR-1016-5

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 70944865
Conc: 385.23 ng/ml



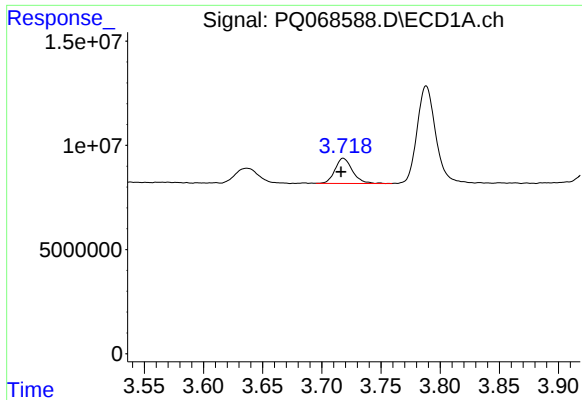
#8 AR-1221-1

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 9407898
Conc: 102.46 ng/ml



#8 AR-1221-1

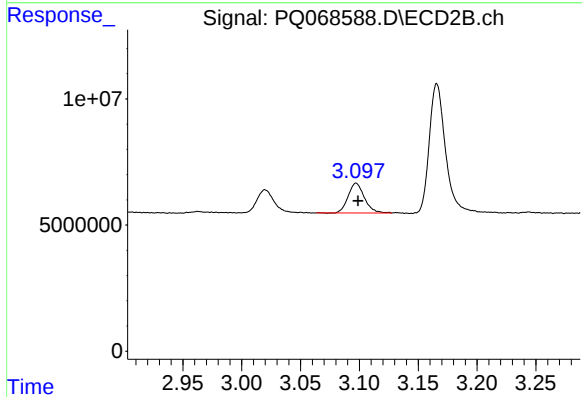
R.T.: 3.020 min
Delta R.T.: -0.002 min
Response: 8807441
Conc: 103.08 ng/ml



#9 AR-1221-2

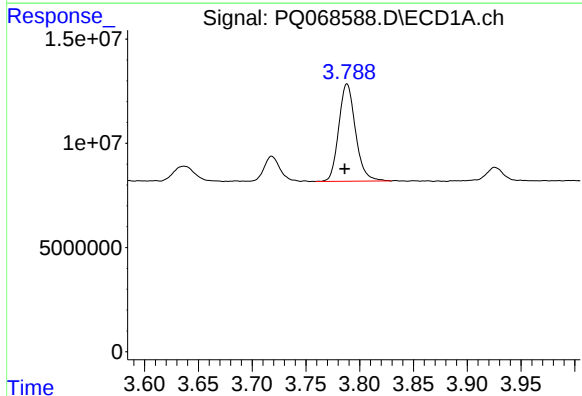
R.T.: 3.718 min
Delta R.T.: 0.002 min
Response: 12431754
Conc: 194.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



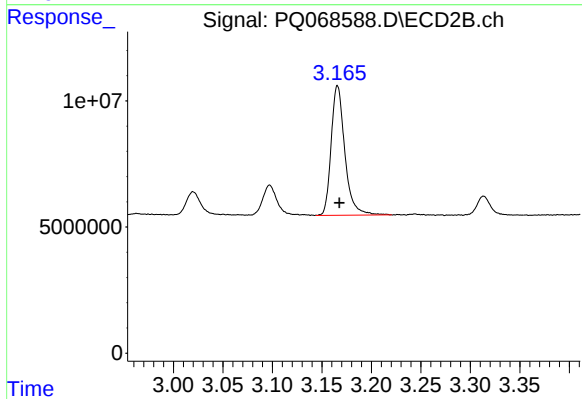
#9 AR-1221-2

R.T.: 3.097 min
Delta R.T.: -0.002 min
Response: 11352123
Conc: 190.44 ng/ml



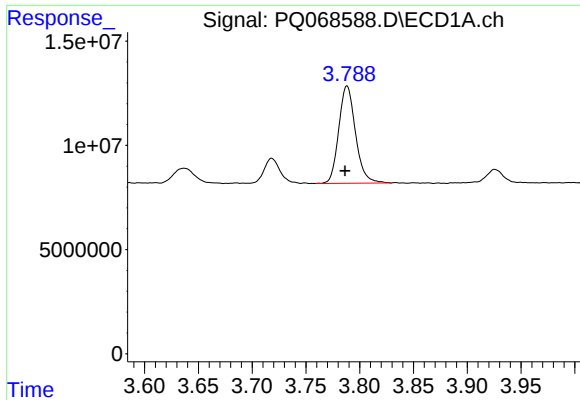
#10 AR-1221-3

R.T.: 3.788 min
Delta R.T.: 0.002 min
Response: 50713774
Conc: 245.56 ng/ml



#10 AR-1221-3

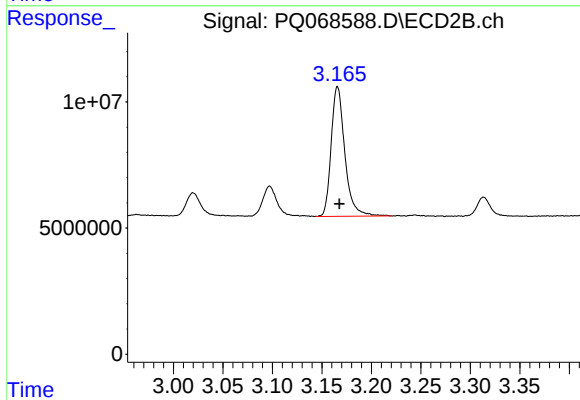
R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 49391380
Conc: 255.65 ng/ml



#11 AR-1232-1

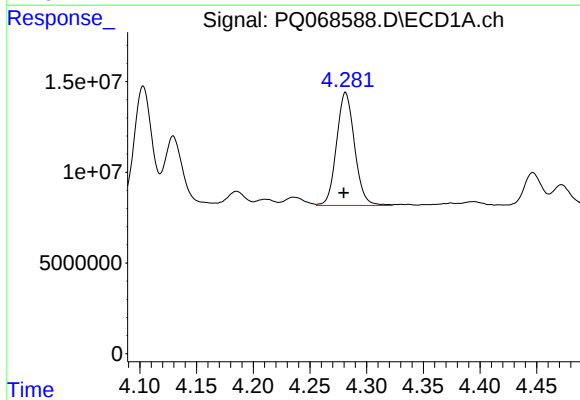
R.T.: 3.788 min
Delta R.T.: 0.002 min
Response: 50713774
Conc: 307.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



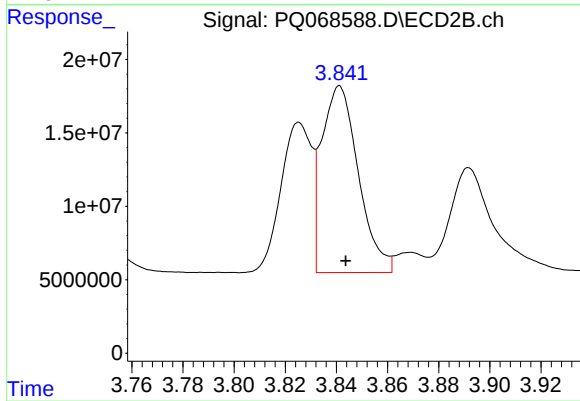
#11 AR-1232-1

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 49391380
Conc: 324.61 ng/ml



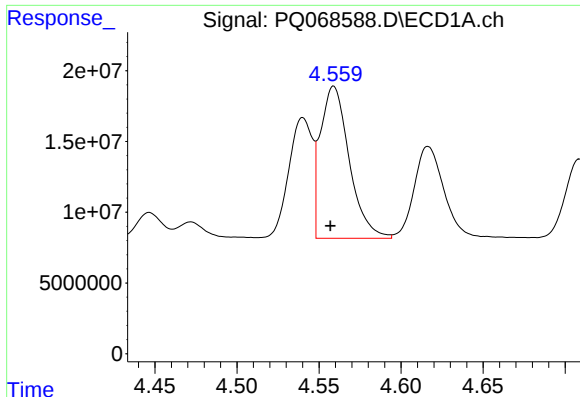
#12 AR-1232-2

R.T.: 4.281 min
Delta R.T.: 0.002 min
Response: 68818591
Conc: 757.68 ng/ml



#12 AR-1232-2

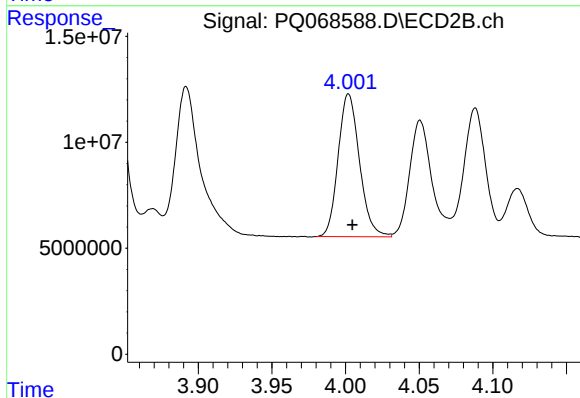
R.T.: 3.841 min
Delta R.T.: -0.002 min
Response: 126760325
Conc: 817.40 ng/ml



#13 AR-1232-3

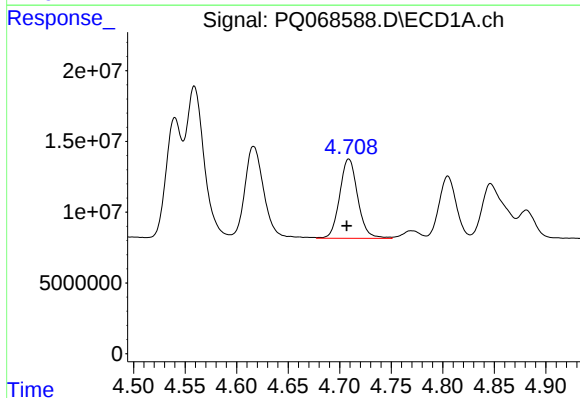
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 131578517
Conc: 778.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



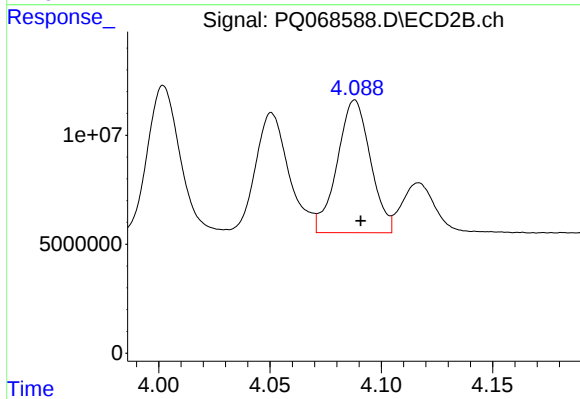
#13 AR-1232-3

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 67984282
Conc: 836.08 ng/ml



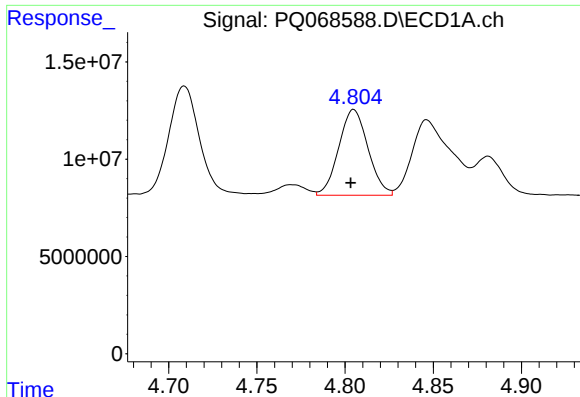
#14 AR-1232-4

R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 68466885
Conc: 792.43 ng/ml



#14 AR-1232-4

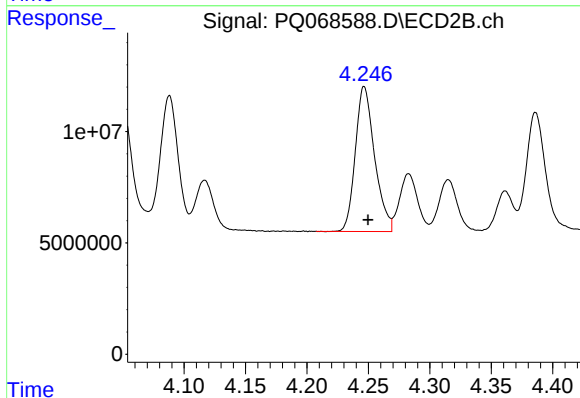
R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 63272427
Conc: 905.82 ng/ml



#15 AR-1232-5

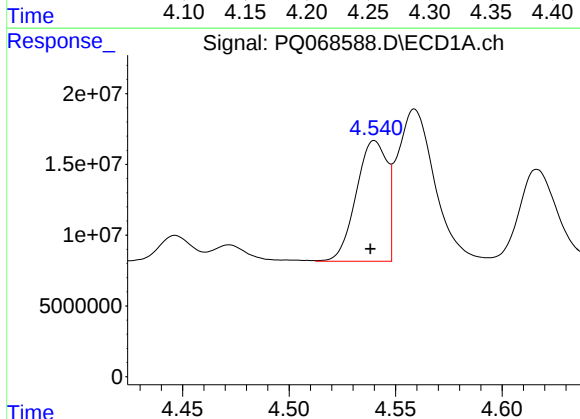
R.T.: 4.805 min
Delta R.T.: 0.002 min
Response: 50911228
Conc: 901.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



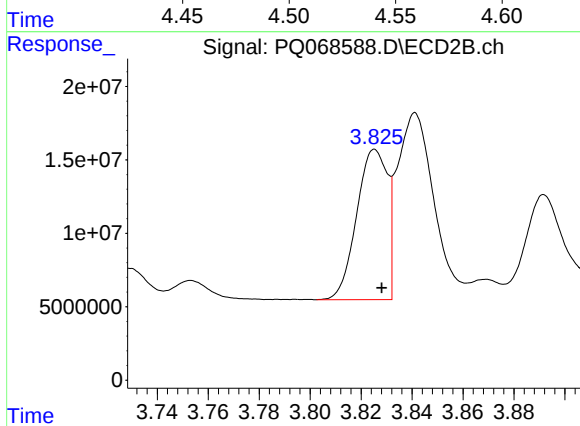
#15 AR-1232-5

R.T.: 4.247 min
Delta R.T.: -0.003 min
Response: 70944865
Conc: 902.56 ng/ml



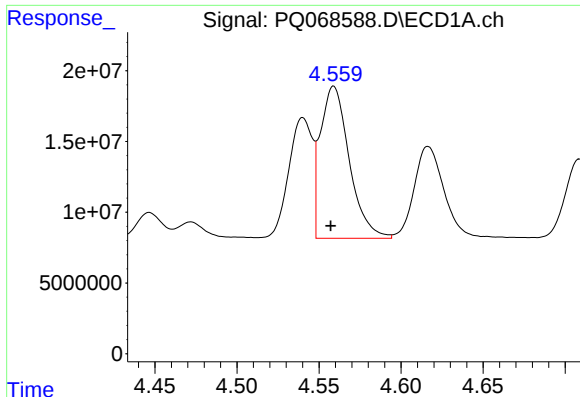
#16 AR-1242-1

R.T.: 4.540 min
Delta R.T.: 0.002 min
Response: 85804262
Conc: 419.78 ng/ml



#16 AR-1242-1

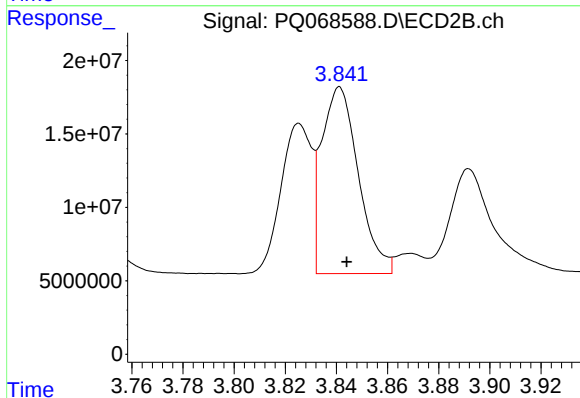
R.T.: 3.825 min
Delta R.T.: -0.003 min
Response: 85386423
Conc: 441.34 ng/ml



#17 AR-1242-2

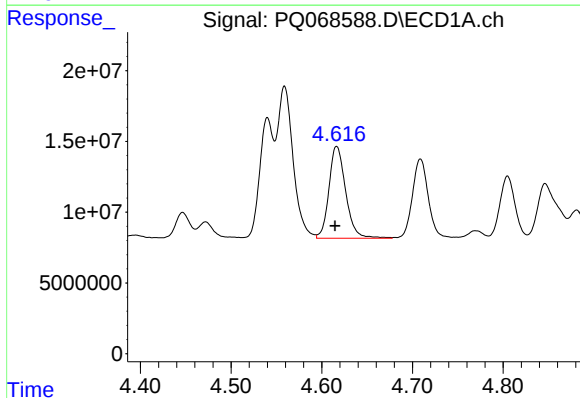
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 131578517
Conc: 420.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



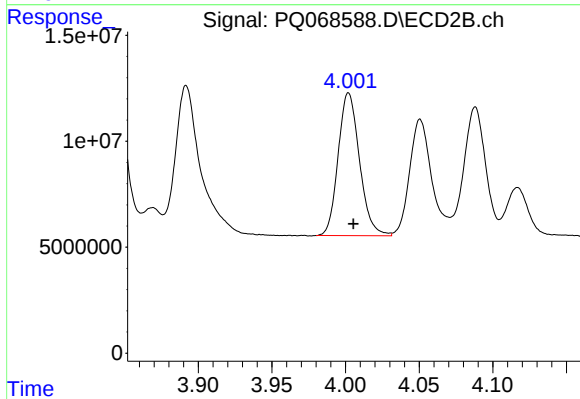
#17 AR-1242-2

R.T.: 3.841 min
Delta R.T.: -0.003 min
Response: 126760325
Conc: 436.17 ng/ml



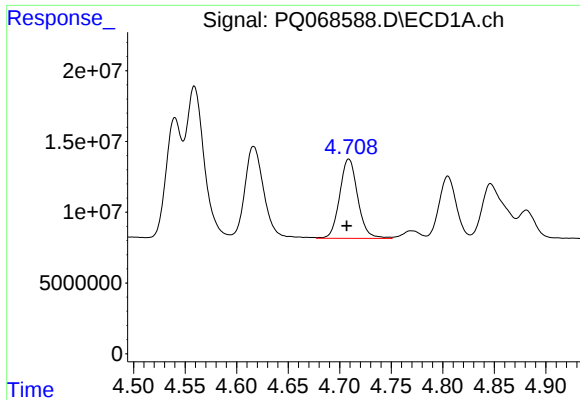
#18 AR-1242-3

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 83411208
Conc: 426.32 ng/ml



#18 AR-1242-3

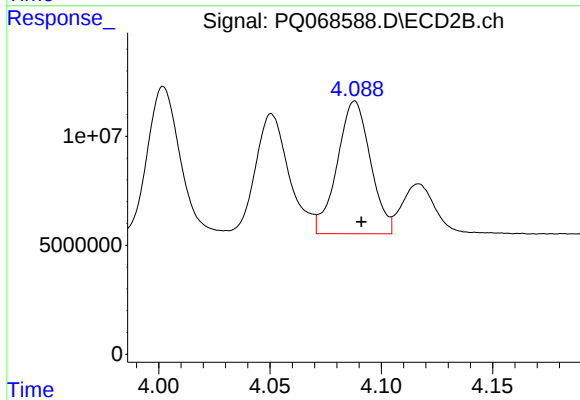
R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 67984282
Conc: 438.91 ng/ml



#19 AR-1242-4

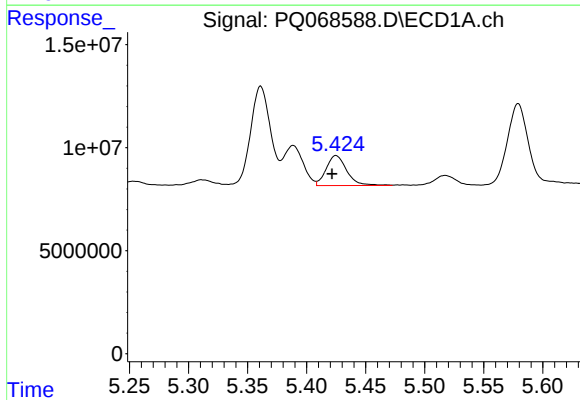
R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 68466885
Conc: 423.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



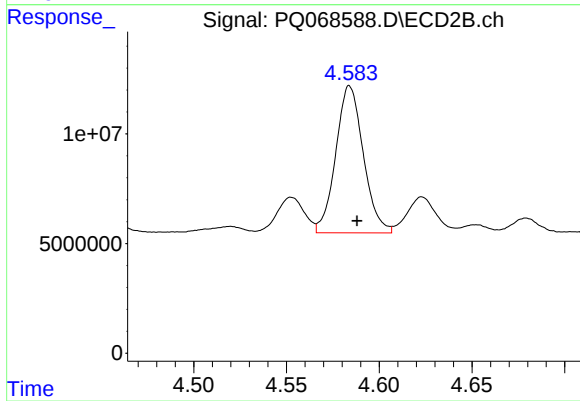
#19 AR-1242-4

R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 63272427
Conc: 432.44 ng/ml



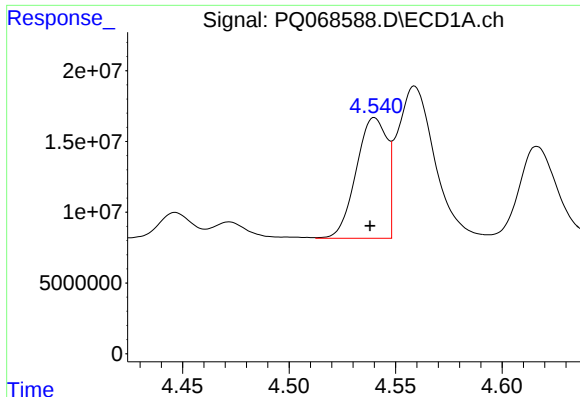
#20 AR-1242-5

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 17615037
Conc: 104.19 ng/ml



#20 AR-1242-5

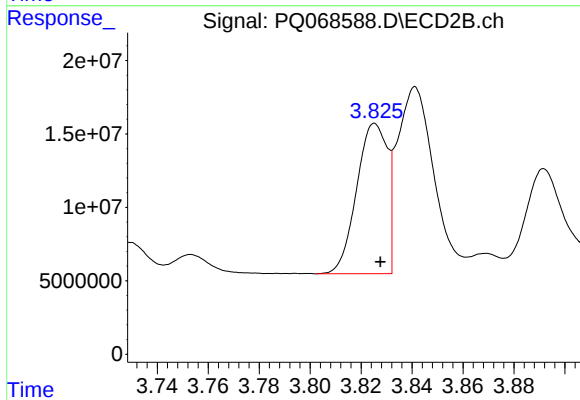
R.T.: 4.584 min
Delta R.T.: -0.004 min
Response: 69434451
Conc: 359.19 ng/ml



#21 AR-1248-1

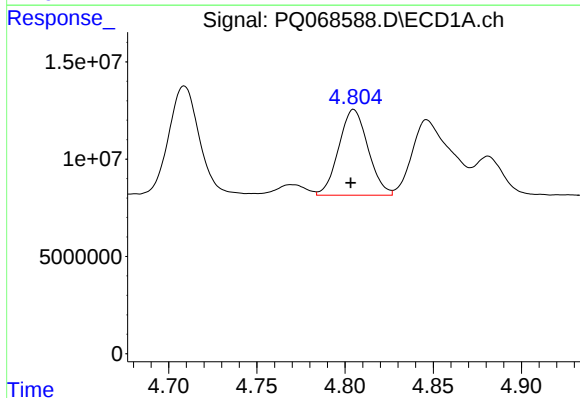
R.T.: 4.540 min
Delta R.T.: 0.002 min
Response: 85804262
Conc: 557.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



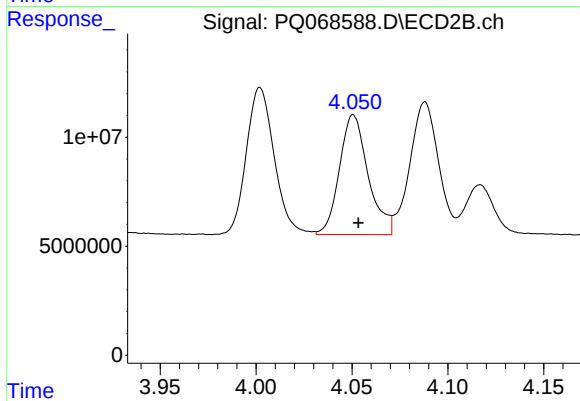
#21 AR-1248-1

R.T.: 3.825 min
Delta R.T.: -0.002 min
Response: 85386423
Conc: 598.54 ng/ml



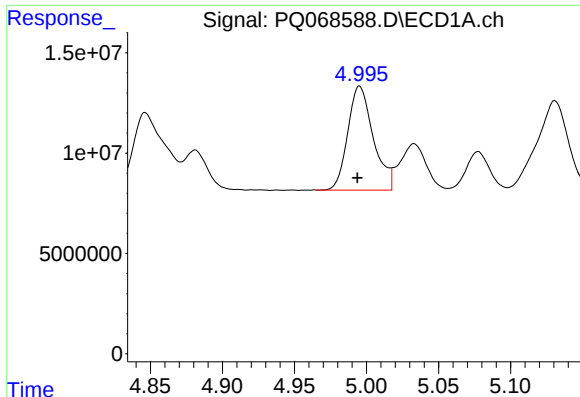
#22 AR-1248-2

R.T.: 4.805 min
Delta R.T.: 0.002 min
Response: 50911228
Conc: 242.27 ng/ml



#22 AR-1248-2

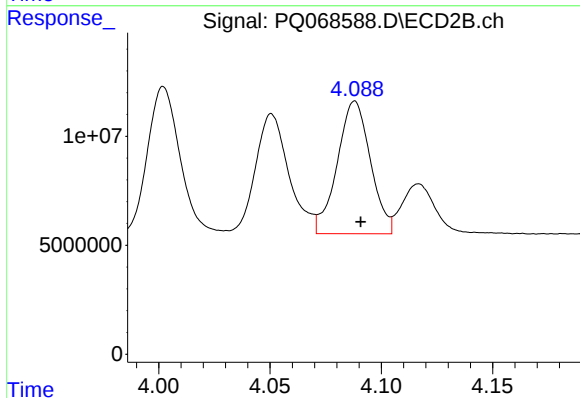
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 57375692
Conc: 259.40 ng/ml



#23 AR-1248-3

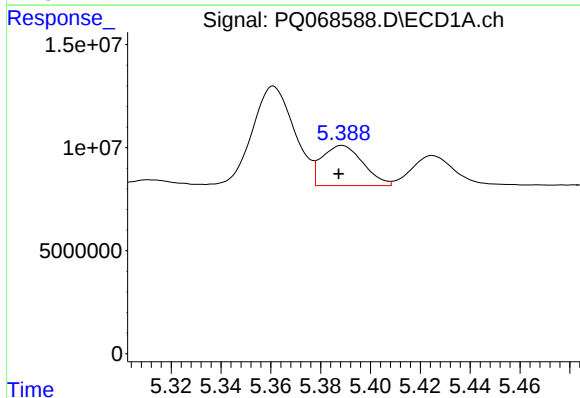
R.T.: 4.995 min
Delta R.T.: 0.002 min
Response: 63846766
Conc: 253.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



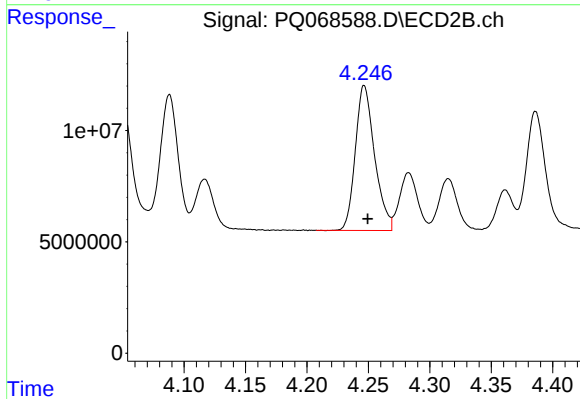
#23 AR-1248-3

R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 63272427
Conc: 294.65 ng/ml



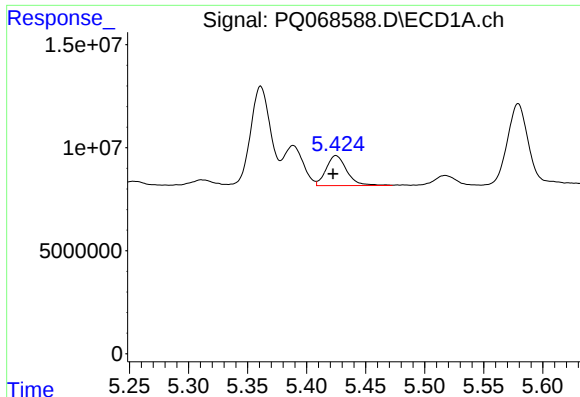
#24 AR-1248-4

R.T.: 5.389 min
Delta R.T.: 0.001 min
Response: 22265149
Conc: 79.18 ng/ml



#24 AR-1248-4

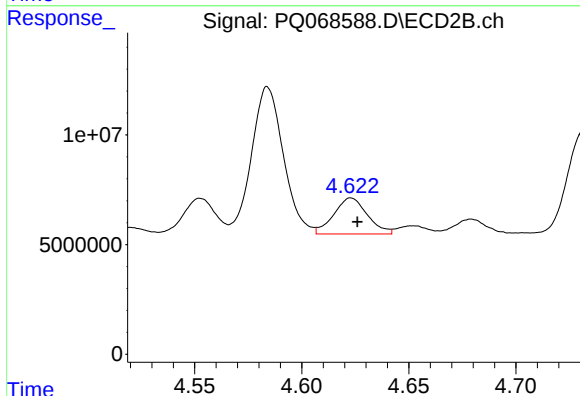
R.T.: 4.247 min
Delta R.T.: -0.003 min
Response: 70944865
Conc: 268.64 ng/ml



#25 AR-1248-5

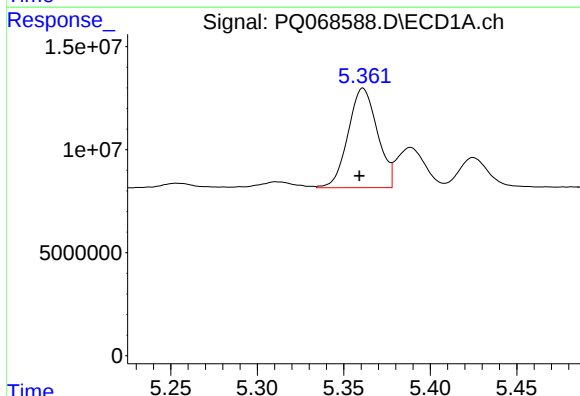
R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 17615037
Conc: 62.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



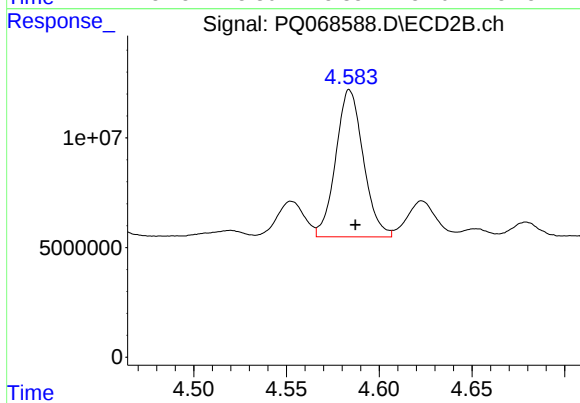
#25 AR-1248-5

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 17898378
Conc: 67.65 ng/ml



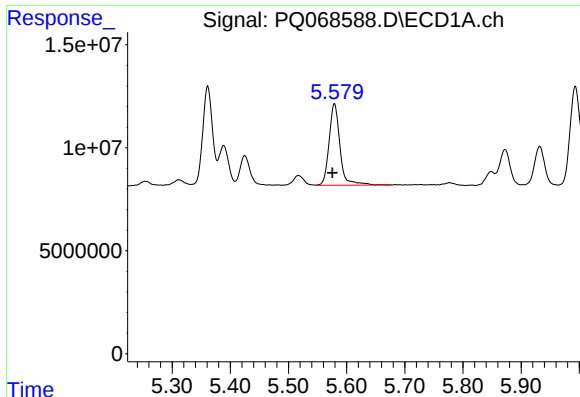
#26 AR-1254-1

R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 56764124
Conc: 205.19 ng/ml



#26 AR-1254-1

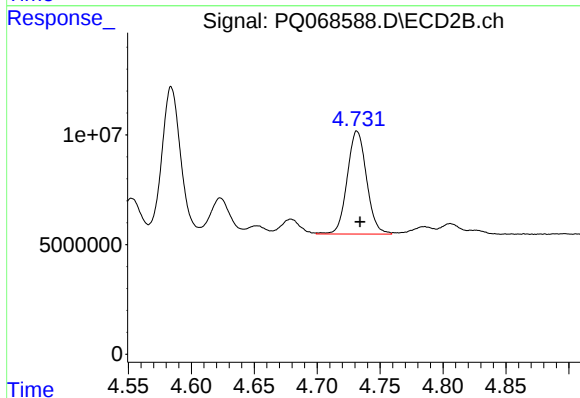
R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 69434451
Conc: 176.71 ng/ml



#27 AR-1254-2

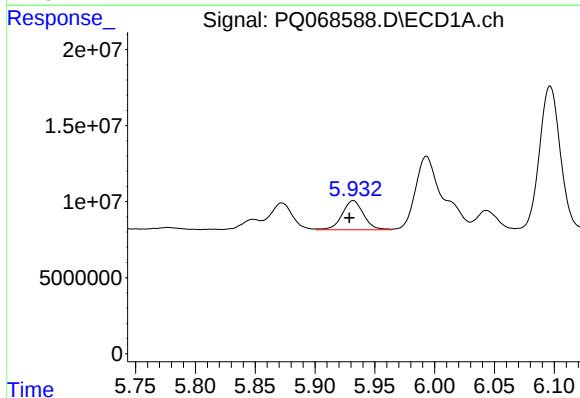
R.T.: 5.579 min
Delta R.T.: 0.004 min
Response: 51159701
Conc: 119.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



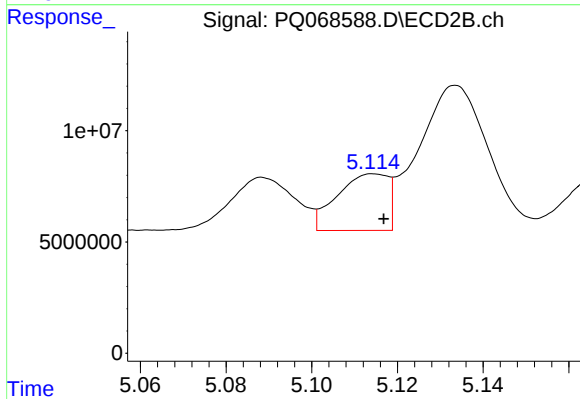
#27 AR-1254-2

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 50371718
Conc: 146.79 ng/ml



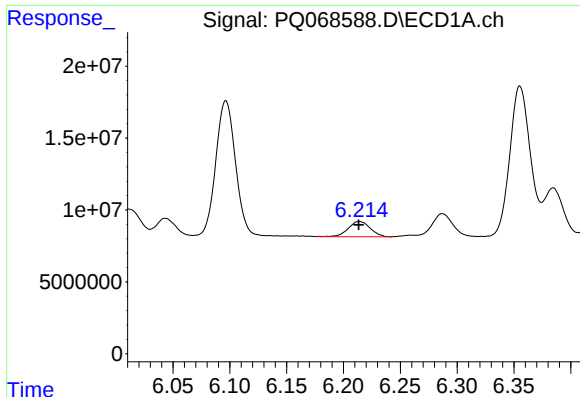
#28 AR-1254-3

R.T.: 5.932 min
Delta R.T.: 0.003 min
Response: 23724278
Conc: 52.82 ng/ml



#28 AR-1254-3

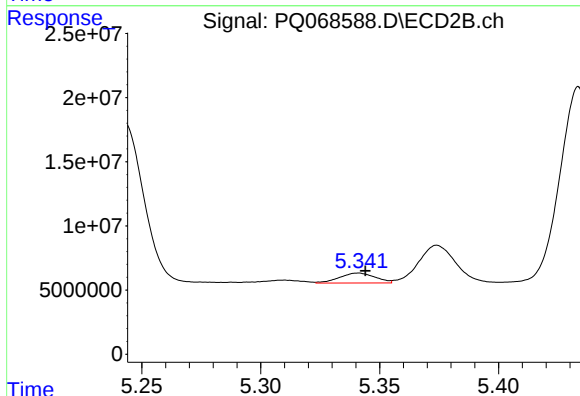
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 20909336
Conc: 38.63 ng/ml



#29 AR-1254-4

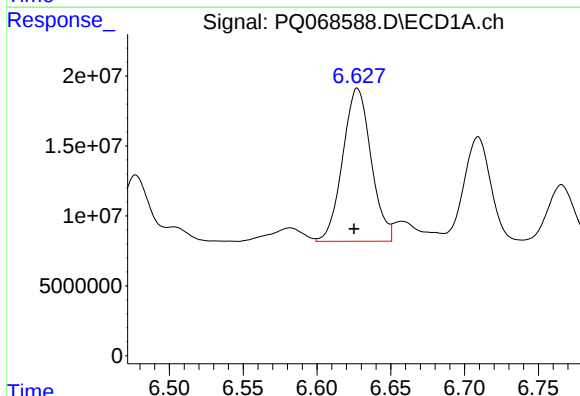
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 14432393
Conc: 45.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



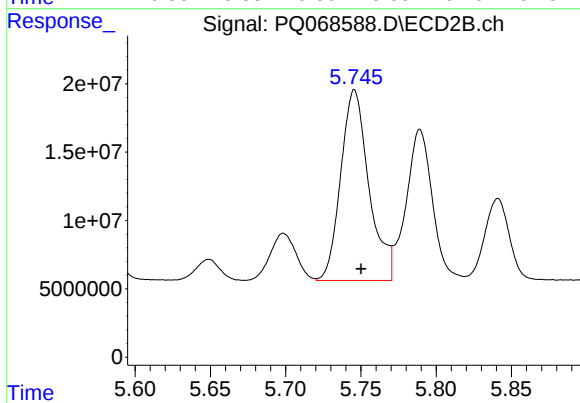
#29 AR-1254-4

R.T.: 5.341 min
Delta R.T.: -0.003 min
Response: 8058941
Conc: 23.89 ng/ml



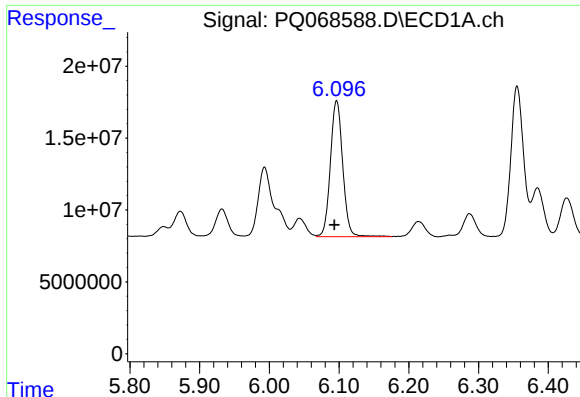
#30 AR-1254-5

R.T.: 6.627 min
Delta R.T.: 0.002 min
Response: 146457975
Conc: 422.41 ng/ml



#30 AR-1254-5

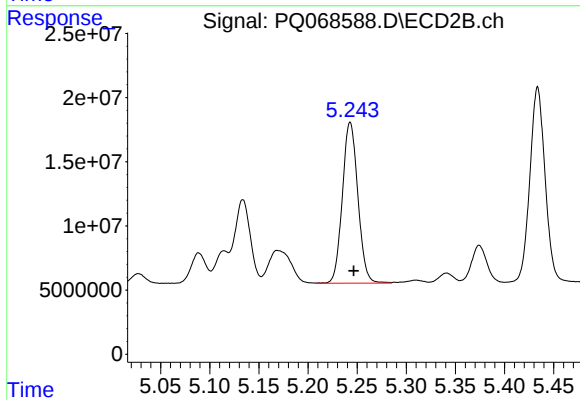
R.T.: 5.746 min
Delta R.T.: -0.004 min
Response: 181691006
Conc: 372.90 ng/ml



#31 AR-1260-1

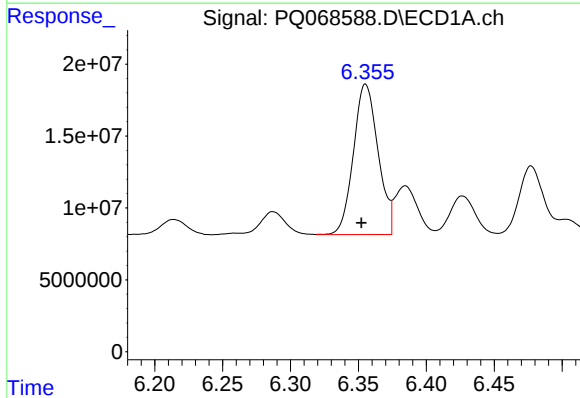
R.T.: 6.097 min
Delta R.T.: 0.003 min
Response: 116296537
Conc: 352.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



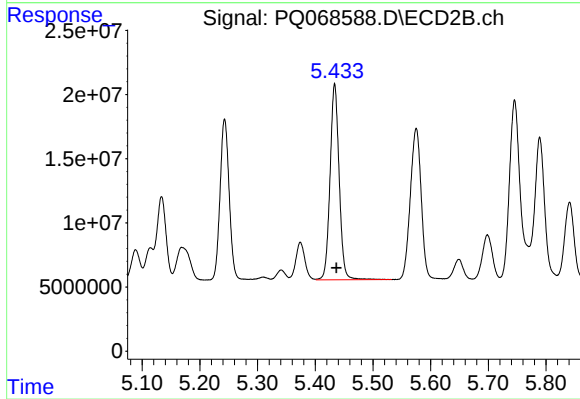
#31 AR-1260-1

R.T.: 5.243 min
Delta R.T.: -0.004 min
Response: 137765140
Conc: 378.79 ng/ml



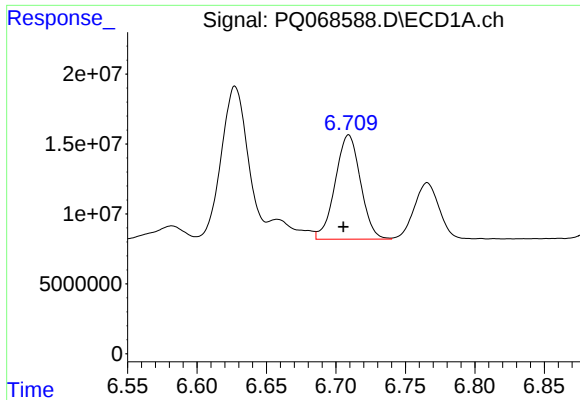
#32 AR-1260-2

R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 132181773
Conc: 350.79 ng/ml



#32 AR-1260-2

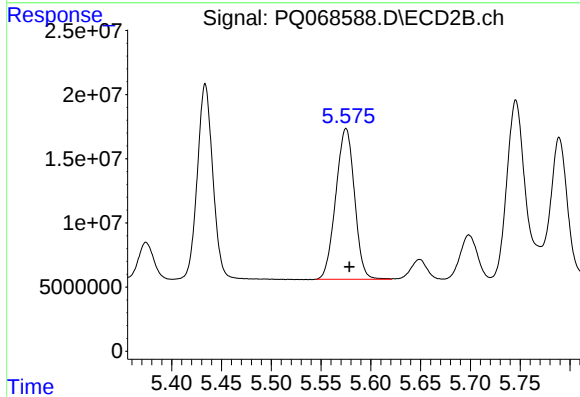
R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 167501798
Conc: 381.63 ng/ml



#33 AR-1260-3

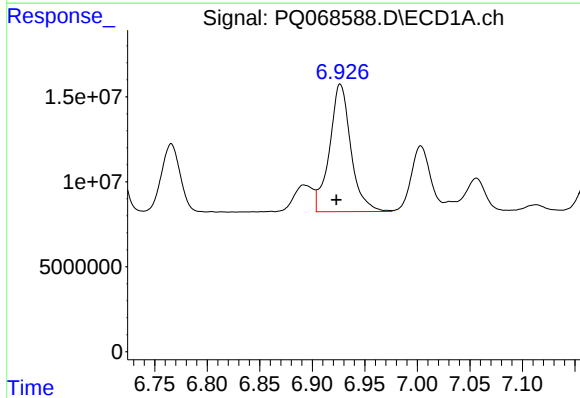
R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 94684741
Conc: 342.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



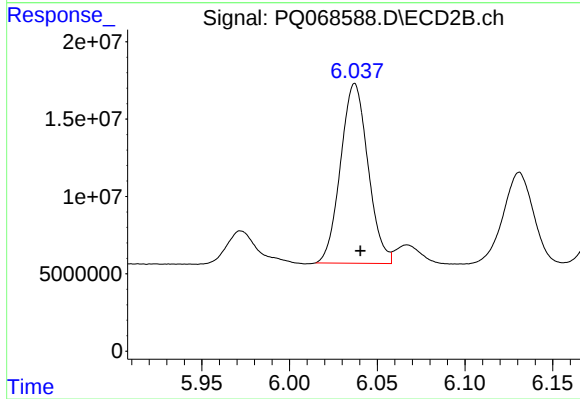
#33 AR-1260-3

R.T.: 5.575 min
Delta R.T.: -0.004 min
Response: 153698606
Conc: 356.59 ng/ml



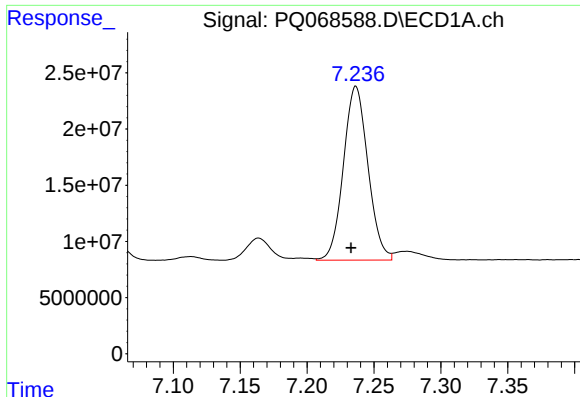
#34 AR-1260-4

R.T.: 6.927 min
Delta R.T.: 0.004 min
Response: 106029656
Conc: 347.28 ng/ml



#34 AR-1260-4

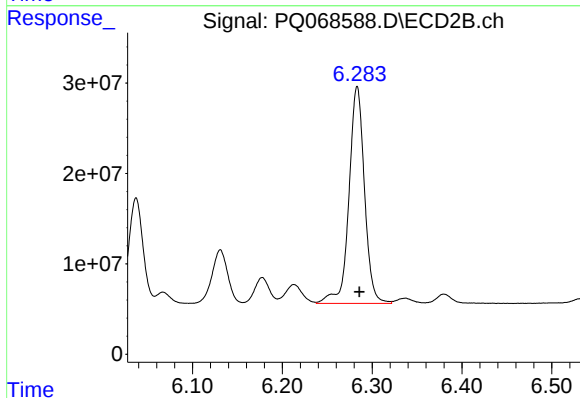
R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 126497942
Conc: 372.50 ng/ml



#35 AR-1260-5

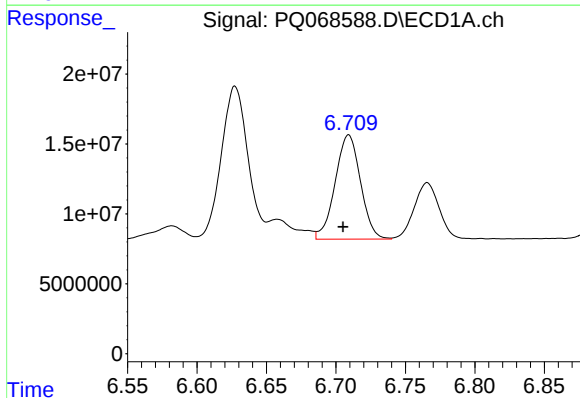
R.T.: 7.237 min
Delta R.T.: 0.004 min
Response: 197813073
Conc: 338.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



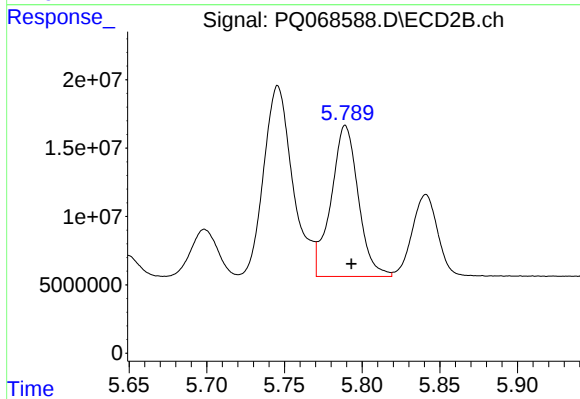
#35 AR-1260-5

R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 288761718
Conc: 363.84 ng/ml



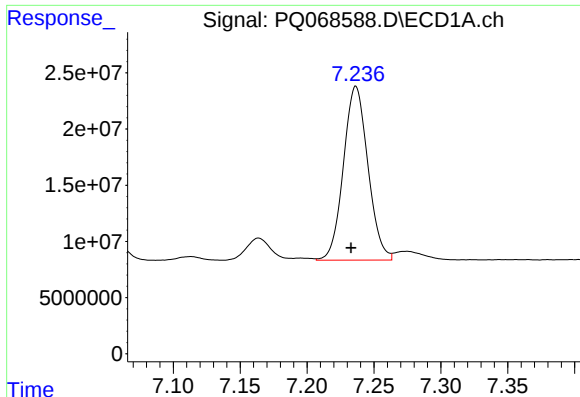
#36 AR-1262-1

R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 94684741
Conc: 224.07 ng/ml



#36 AR-1262-1

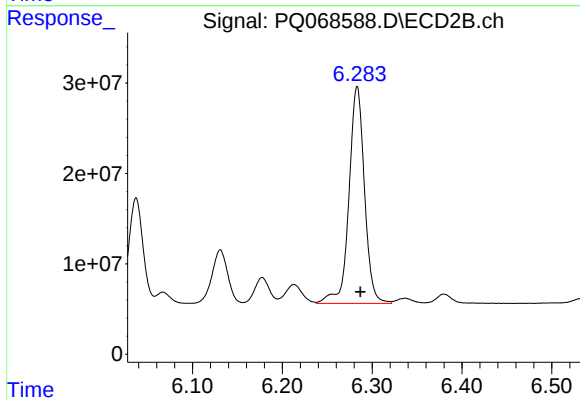
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 134884574
Conc: 262.15 ng/ml



#37 AR-1262-2

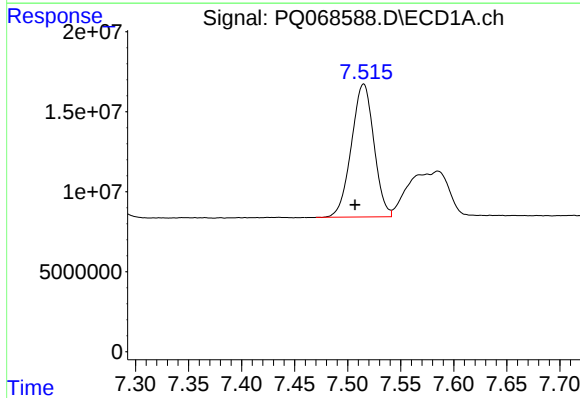
R.T.: 7.237 min
Delta R.T.: 0.004 min
Response: 197813073
Conc: 289.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



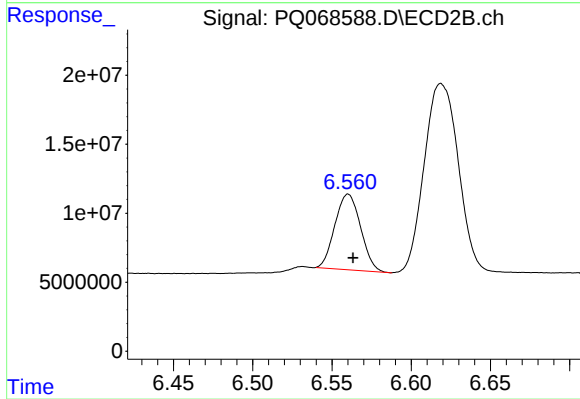
#37 AR-1262-2

R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 288761718
Conc: 320.69 ng/ml



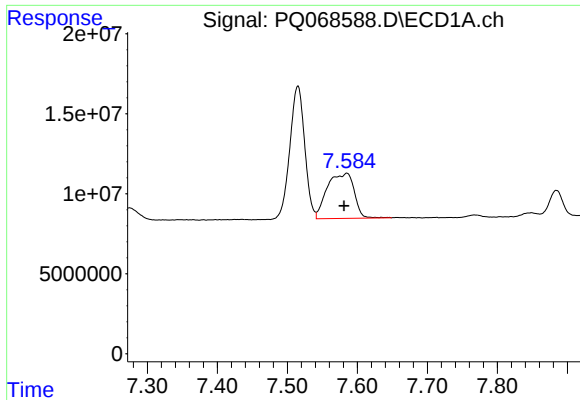
#38 AR-1262-3

R.T.: 7.515 min
Delta R.T.: 0.008 min
Response: 122901608
Conc: 277.66 ng/ml



#38 AR-1262-3

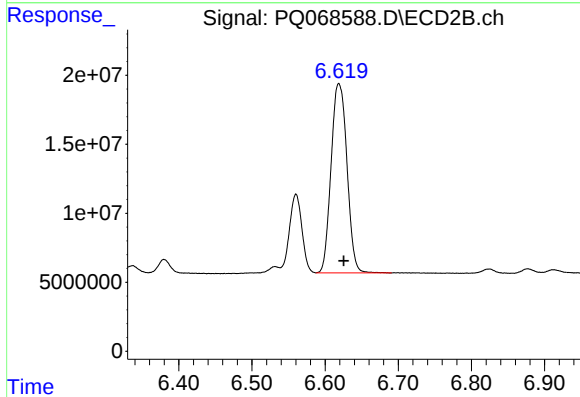
R.T.: 6.560 min
Delta R.T.: -0.003 min
Response: 61879210
Conc: 180.16 ng/ml



#39 AR-1262-4

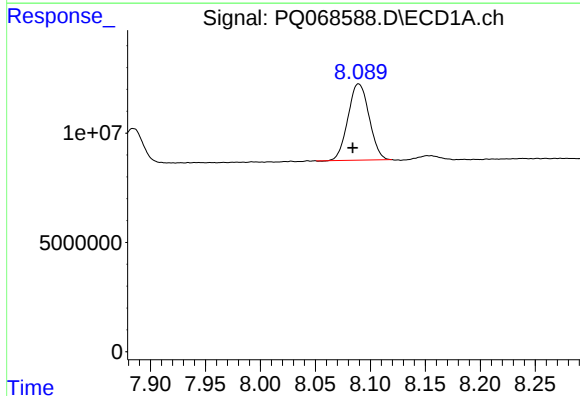
R.T.: 7.585 min
Delta R.T.: 0.004 min
Response: 75552200
Conc: 220.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



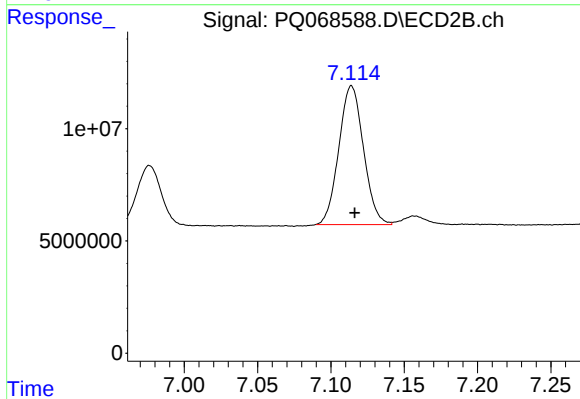
#39 AR-1262-4

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 206691589
Conc: 312.38 ng/ml



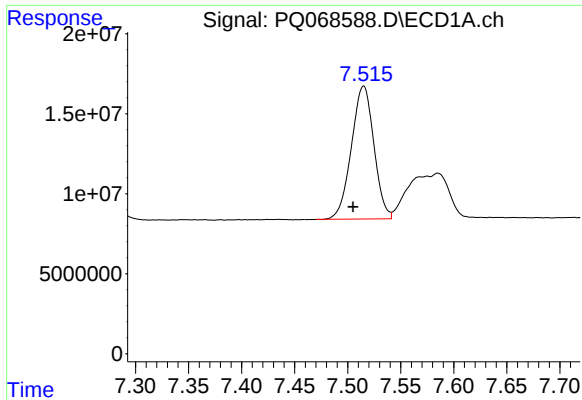
#40 AR-1262-5

R.T.: 8.089 min
Delta R.T.: 0.005 min
Response: 46698943
Conc: 222.35 ng/ml



#40 AR-1262-5

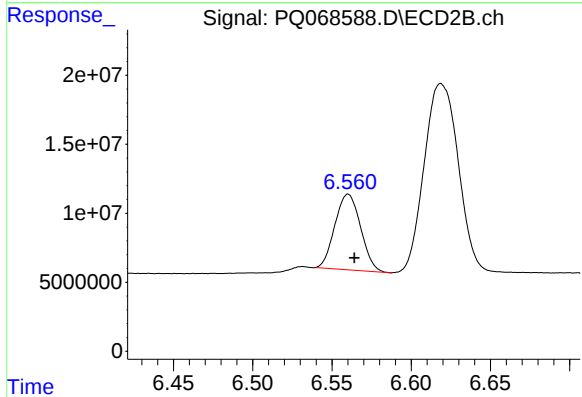
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 72260155
Conc: 231.19 ng/ml



#41 AR-1268-1

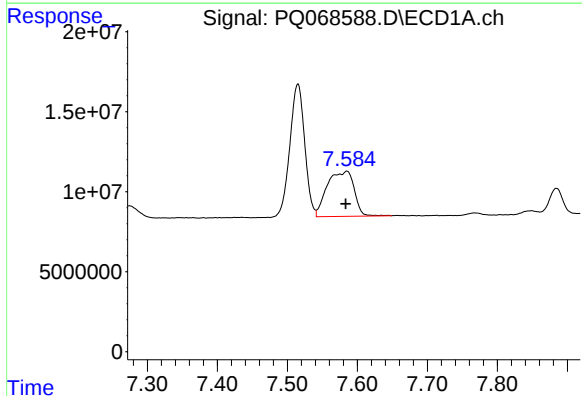
R.T.: 7.515 min
Delta R.T.: 0.010 min
Response: 122901608
Conc: 159.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



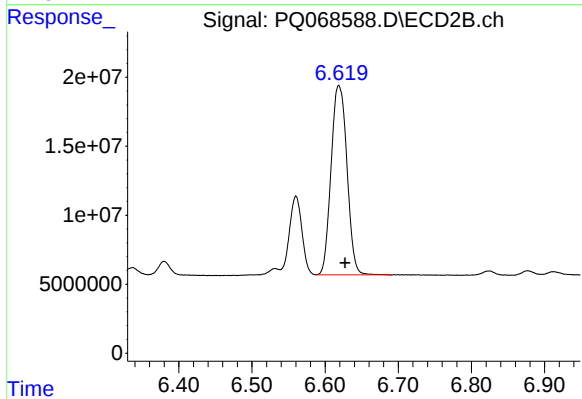
#41 AR-1268-1

R.T.: 6.560 min
Delta R.T.: -0.004 min
Response: 61879210
Conc: 62.12 ng/ml



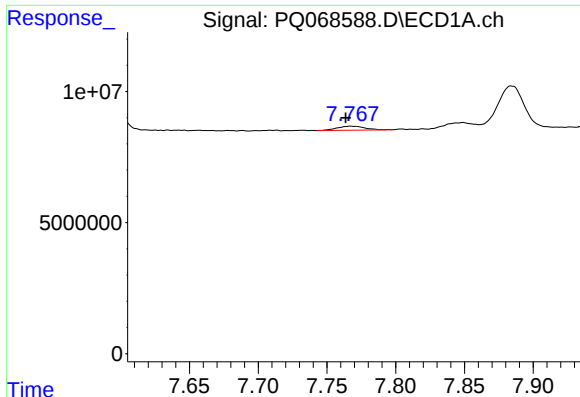
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.002 min
Response: 75552200
Conc: 105.28 ng/ml



#42 AR-1268-2

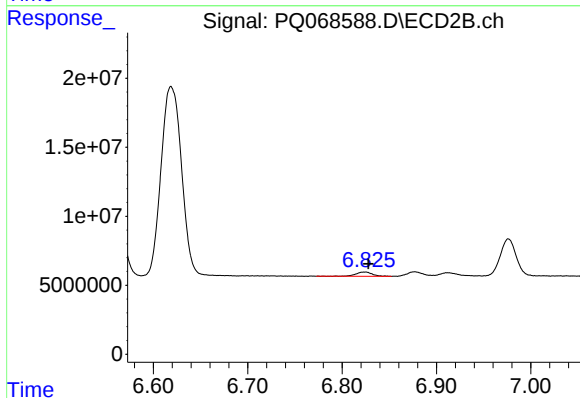
R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 206691589
Conc: 221.55 ng/ml



#43 AR-1268-3

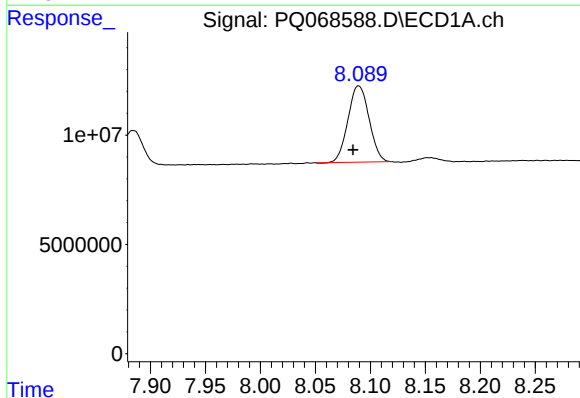
R.T.: 7.767 min
Delta R.T.: 0.004 min
Response: 2136373
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



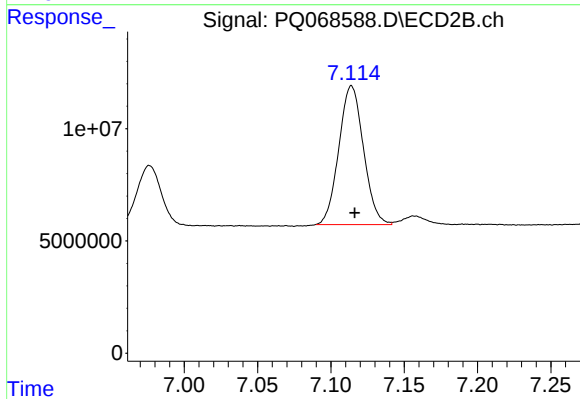
#43 AR-1268-3

R.T.: 6.824 min
Delta R.T.: -0.003 min
Response: 3698700
Conc: 4.53 ng/ml



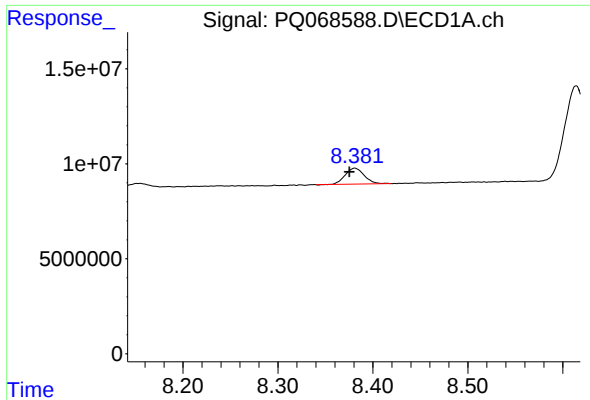
#44 AR-1268-4

R.T.: 8.089 min
Delta R.T.: 0.005 min
Response: 46698943
Conc: 202.65 ng/ml



#44 AR-1268-4

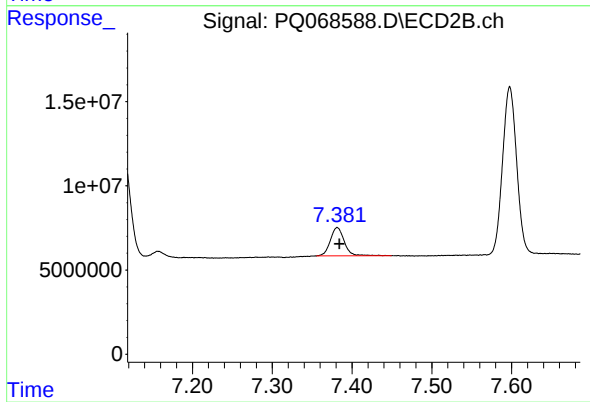
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 72260155
Conc: 205.79 ng/ml



#45 AR-1268-5

R.T.: 8.381 min
Delta R.T.: 0.006 min
Response: 11731383
Conc: 7.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.382 min
Delta R.T.: -0.003 min
Response: 20587734
Conc: 8.52 ng/ml