

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082123\
 Data File : PQ063102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 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: Aug 21 22:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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	2.783	261.9E6	186.7E6	48.737	45.271
2)	SA Decachlor...	8.698	7.594	213.9E6	210.5E6	55.234	48.671
Target Compounds							
3)	L1 AR-1016-1	4.574	3.795	98013238	72047856	503.733	452.090
4)	L1 AR-1016-2	4.593	3.811	139.8E6	98322263	503.976	460.153
5)	L1 AR-1016-3	4.651	3.973	85750448	57136520	501.454	477.902
6)	L1 AR-1016-4	4.744	4.022	71534341	46323689	508.312	477.434
7)	L1 AR-1016-5	5.034	4.218	70047147	62001954	509.087	492.706
8)	L2 AR-1221-1	3.659	2.987	11628193	9353277	170.887	170.456
9)	L2 AR-1221-2	3.742	3.064	13374636	10268601	280.325	272.240
10)	L2 AR-1221-3	3.813	3.134	53125823	39349116	344.237	327.026
11)	L3 AR-1232-1	3.813	3.134	53125823	39349116	411.188	403.848
12)	L3 AR-1232-2	4.313	3.811	80387796	98322263	1152.611	1010.788
13)	L3 AR-1232-3	4.593	3.973	139.8E6	57136520	1144.443	1076.074
14)	L3 AR-1232-4	4.744	4.059	71534341	51610377	1185.541	1124.454
15)	L3 AR-1232-5	4.842	4.218	55761725	62001954	1277.577	1143.469
16)	L4 AR-1242-1	4.574	3.795	98013238	72047856	580.724	498.884
17)	L4 AR-1242-2	4.593	3.811	139.8E6	98322263	579.867	517.545
18)	L4 AR-1242-3	4.651	3.973	85750448	57136520	585.401	529.389
19)	L4 AR-1242-4	4.744	4.059	71534341	51610377	578.111	518.025
20)	L4 AR-1242-5	5.467	4.558	20707616	61546737	156.689	455.210 #
21)	L5 AR-1248-1	4.574	3.795	98013238	72047856	736.110	644.964
22)	L5 AR-1248-2	4.842	4.022	55761725	46323689	319.089	293.344
23)	L5 AR-1248-3	5.034	4.059	70047147	51610377	331.235	338.429
24)	L5 AR-1248-4	5.431	4.218	25566316	62001954	107.304	326.049 #
25)	L5 AR-1248-5	5.467	4.596	20707616	18784748	89.110	97.124
26)	L6 AR-1254-1	5.403	4.558	64304058	61546737	293.619	229.385
27)	L6 AR-1254-2	5.622	4.706	58080797	44360197	171.509	188.997
28)	L6 AR-1254-3	5.978	5.092	27427431	19115574	76.503	50.548 #
29)	L6 AR-1254-4	6.263	5.319	19637914	7571781	72.481	30.994 #
30)	L6 AR-1254-5	6.679	5.726	188.6E6	172.4E6	682.394	499.425 #
31)	L7 AR-1260-1	6.144	5.220	139.8E6	116.5E6	547.010	466.662
32)	L7 AR-1260-2	6.405	5.411	168.2E6	149.8E6	554.187	486.445
33)	L7 AR-1260-3	6.762	5.555	120.6E6	141.8E6	572.074	457.750
34)	L7 AR-1260-4	6.980	6.020	135.0E6	116.2E6	563.499	473.848
35)	L7 AR-1260-5	7.293	6.267	267.1E6	259.3E6	569.323	474.424
36)	L8 AR-1262-1	6.762	5.821	120.6E6	61007814	373.421	427.271
37)	L8 AR-1262-2	7.293	6.020	267.1E6	116.2E6	492.189	371.825
38)	L8 AR-1262-3	7.573	6.547	170.3E6	62721356	471.434	248.806 #
39)	L8 AR-1262-4	7.644	6.606	110.9E6	195.7E6	395.506	418.616
40)	L8 AR-1262-5	8.155	7.105	69709106	71692692	370.879	326.275
41)	L9 AR-1268-1	7.573	6.547	170.3E6	62721356	263.314	84.045 #

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 Acq On : 21 Aug 2023 09:21
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

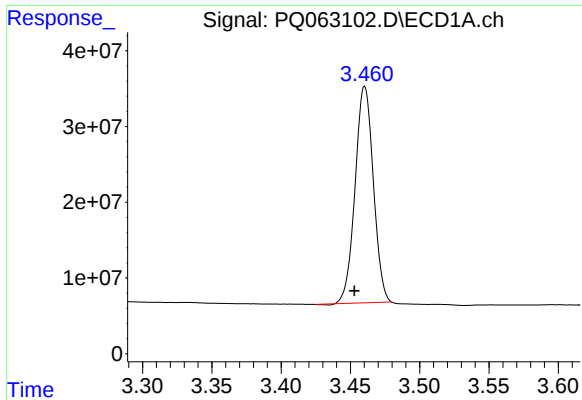
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.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	7.644	6.606	110.9E6	195.7E6	184.859	285.022 #
43) L9	AR-1268-3	7.829	6.813	9564537	3844961	19.426	6.551 #
44) L9	AR-1268-4	8.155	7.105	69709106	71692692	324.928	281.548
45) L9	AR-1268-5	8.457	7.375	18364725	20233706	11.916	11.422

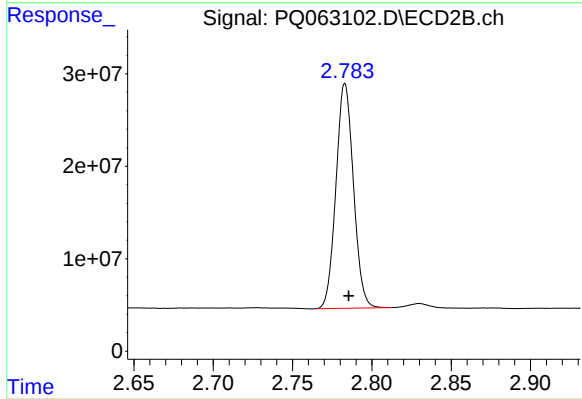
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

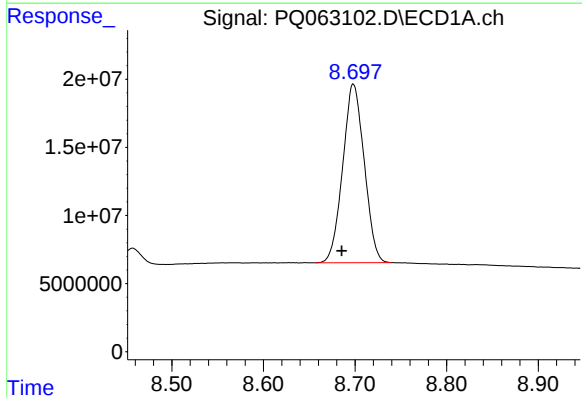
R.T.: 3.460 min
Delta R.T.: 0.007 min
Response: 261881465
Conc: 48.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



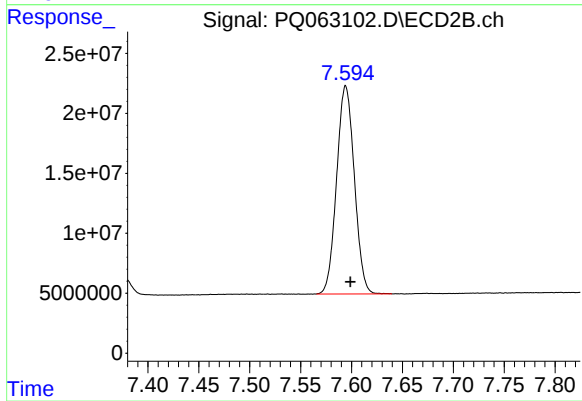
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 186708863
Conc: 45.27 ng/ml



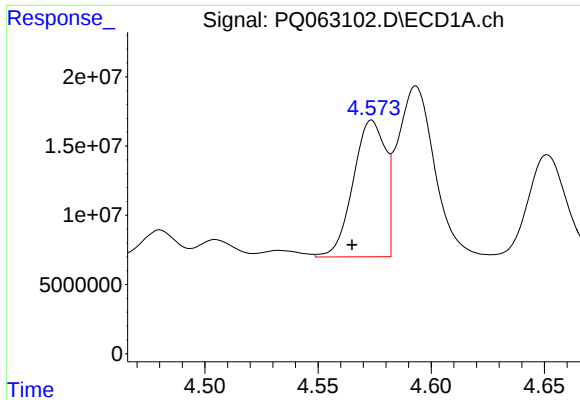
#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: 0.013 min
Response: 213855086
Conc: 55.23 ng/ml



#2 Decachlorobiphenyl

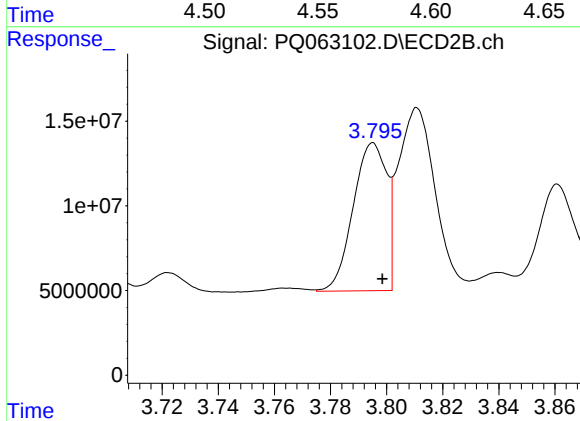
R.T.: 7.594 min
Delta R.T.: -0.005 min
Response: 210521839
Conc: 48.67 ng/ml



#3 AR-1016-1

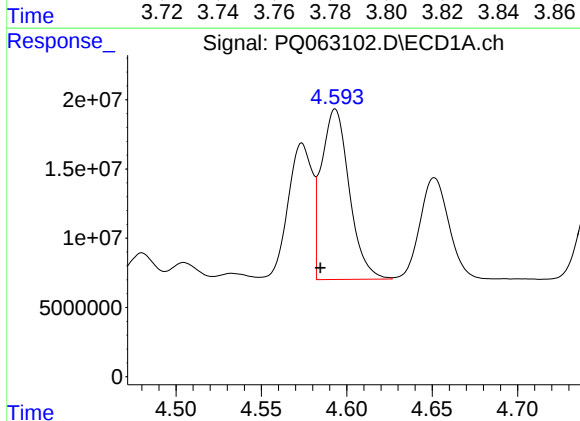
R.T.: 4.574 min
Delta R.T.: 0.009 min
Response: 98013238
Conc: 503.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



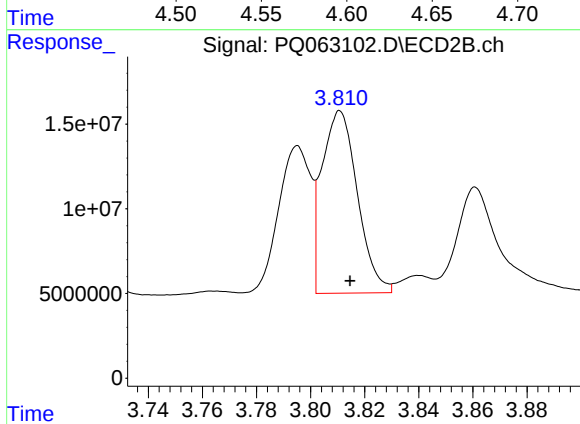
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 72047856
Conc: 452.09 ng/ml



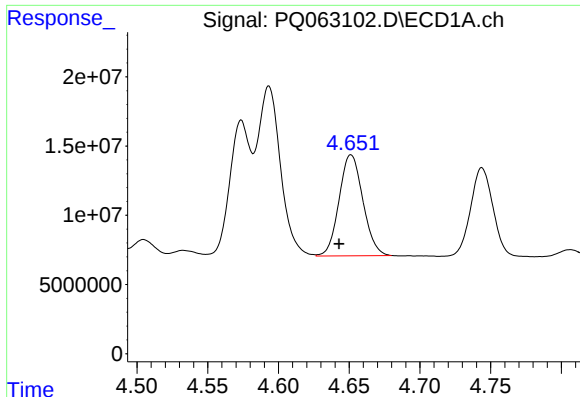
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: 0.009 min
Response: 139841383
Conc: 503.98 ng/ml



#4 AR-1016-2

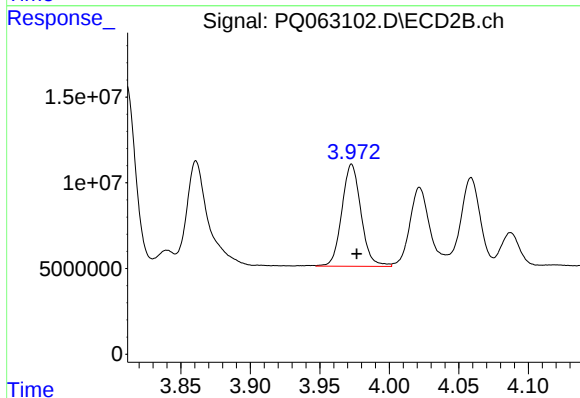
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 98322263
Conc: 460.15 ng/ml



#5 AR-1016-3

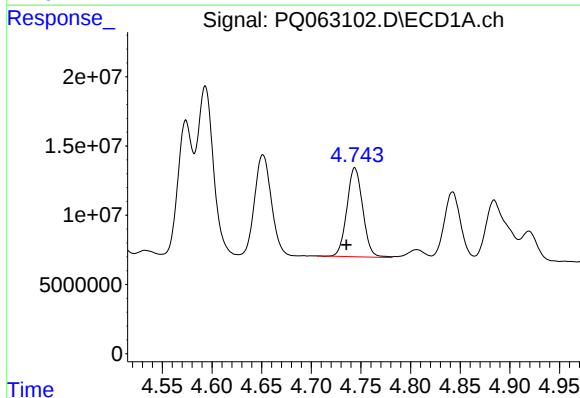
R.T.: 4.651 min
Delta R.T.: 0.009 min
Response: 85750448
Conc: 501.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



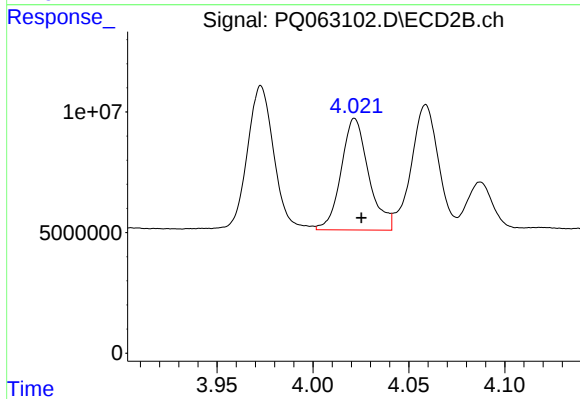
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 57136520
Conc: 477.90 ng/ml



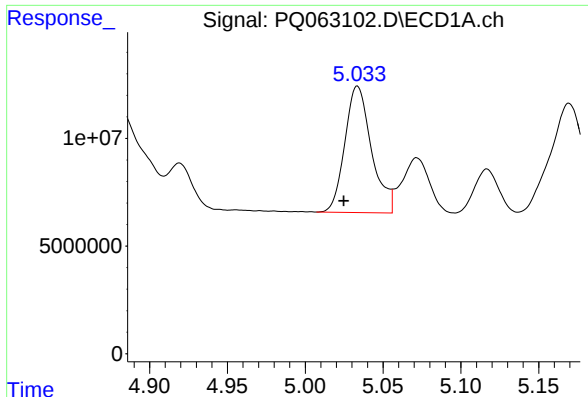
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: 0.009 min
Response: 71534341
Conc: 508.31 ng/ml



#6 AR-1016-4

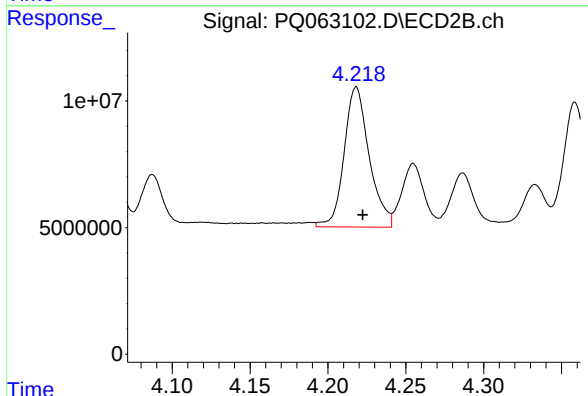
R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 46323689
Conc: 477.43 ng/ml



#7 AR-1016-5

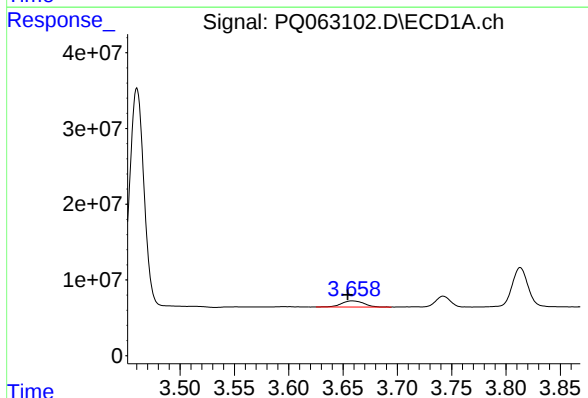
R.T.: 5.034 min
Delta R.T.: 0.009 min
Response: 70047147
Conc: 509.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



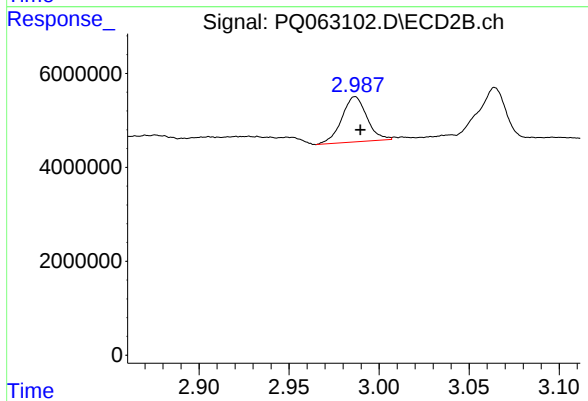
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 62001954
Conc: 492.71 ng/ml



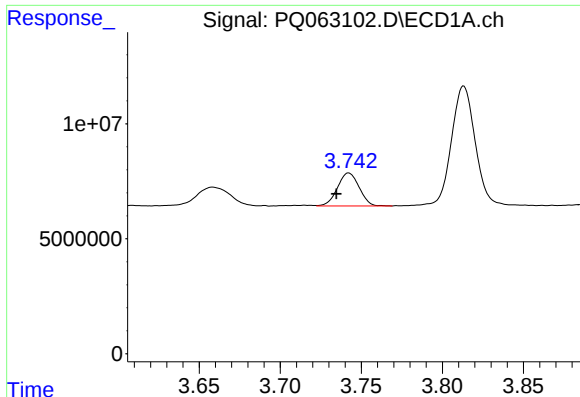
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: 0.004 min
Response: 11628193
Conc: 170.89 ng/ml



#8 AR-1221-1

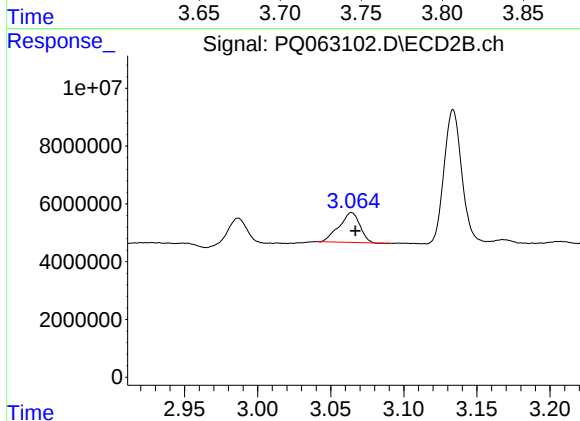
R.T.: 2.987 min
Delta R.T.: -0.003 min
Response: 9353277
Conc: 170.46 ng/ml



#9 AR-1221-2

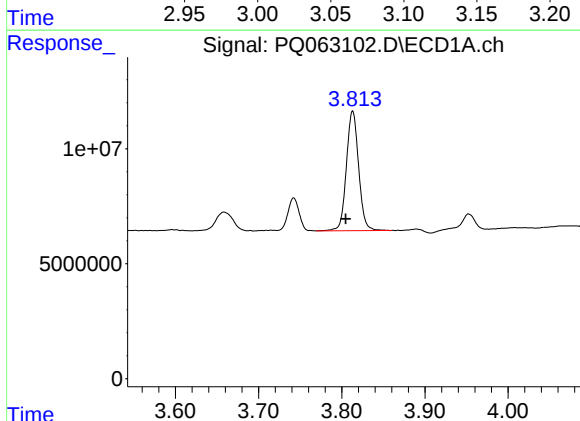
R.T.: 3.742 min
Delta R.T.: 0.008 min
Response: 13374636
Conc: 280.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



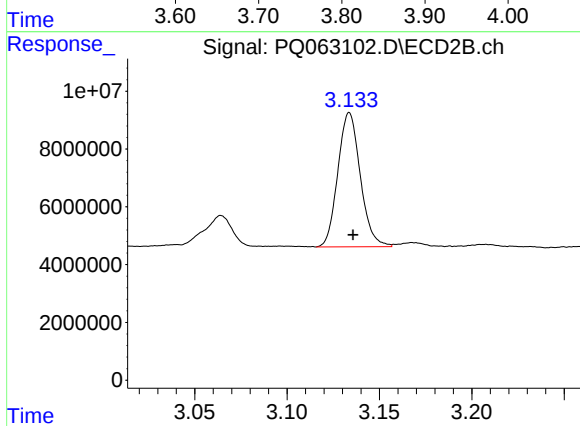
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 10268601
Conc: 272.24 ng/ml



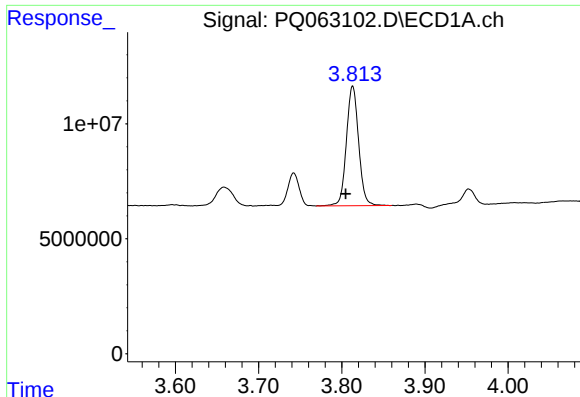
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 53125823
Conc: 344.24 ng/ml



#10 AR-1221-3

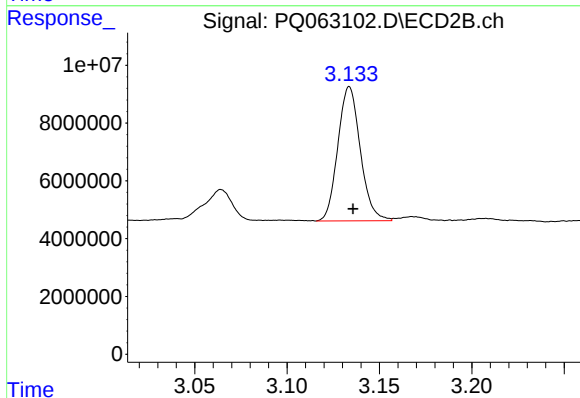
R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 39349116
Conc: 327.03 ng/ml



#11 AR-1232-1

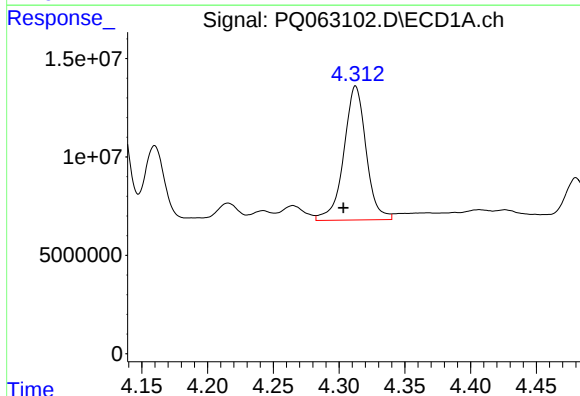
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 53125823
Conc: 411.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



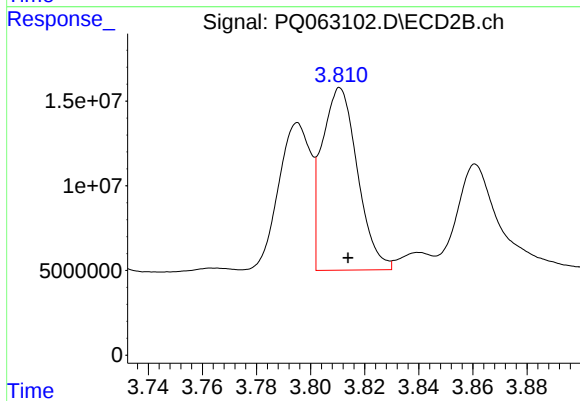
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 39349116
Conc: 403.85 ng/ml



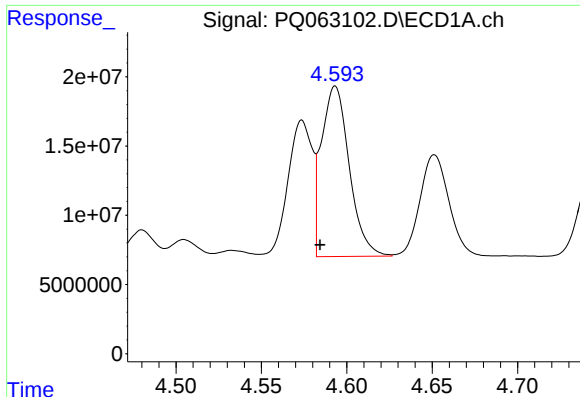
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.009 min
Response: 80387796
Conc: 1152.61 ng/ml



#12 AR-1232-2

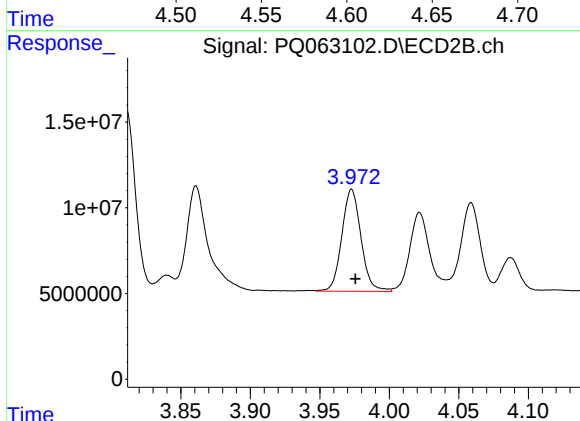
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 98322263
Conc: 1010.79 ng/ml



#13 AR-1232-3

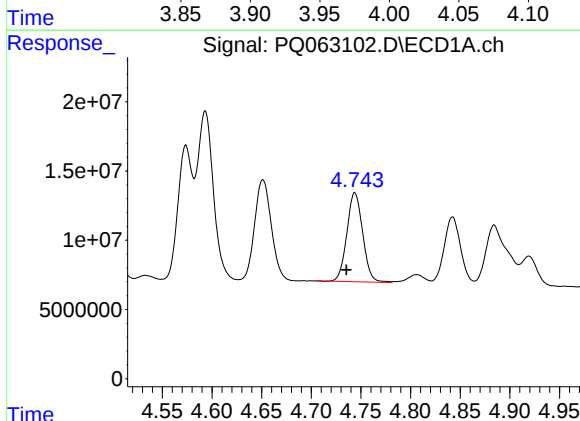
R.T.: 4.593 min
Delta R.T.: 0.009 min
Response: 139841383
Conc: 1144.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



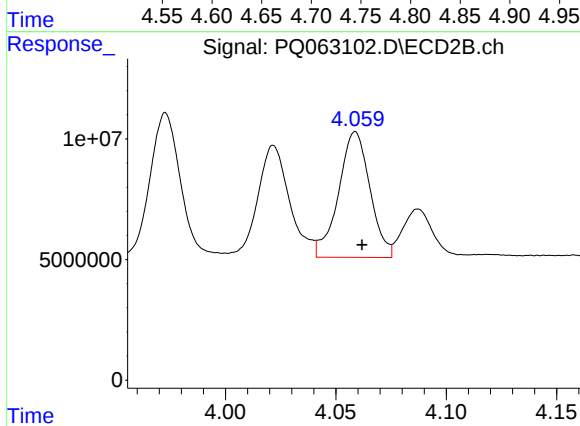
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 57136520
Conc: 1076.07 ng/ml



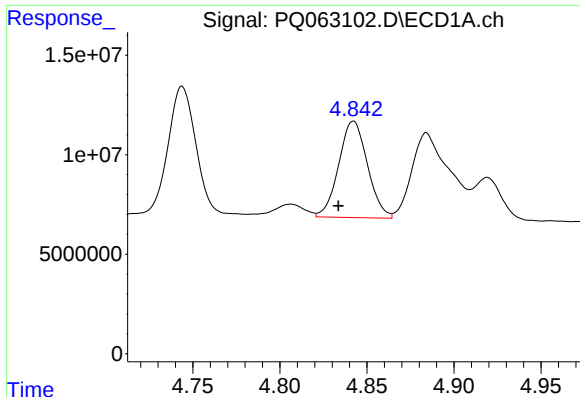
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: 0.008 min
Response: 71534341
Conc: 1185.54 ng/ml



#14 AR-1232-4

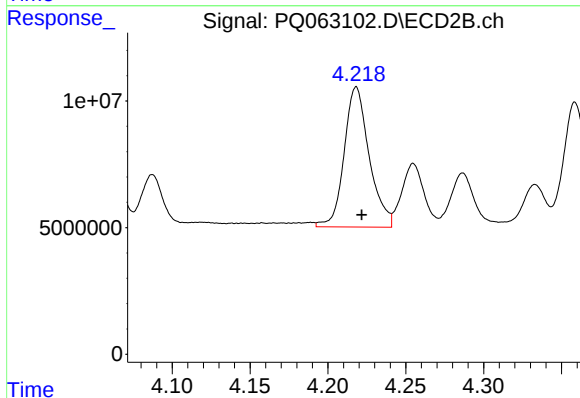
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 51610377
Conc: 1124.45 ng/ml



#15 AR-1232-5

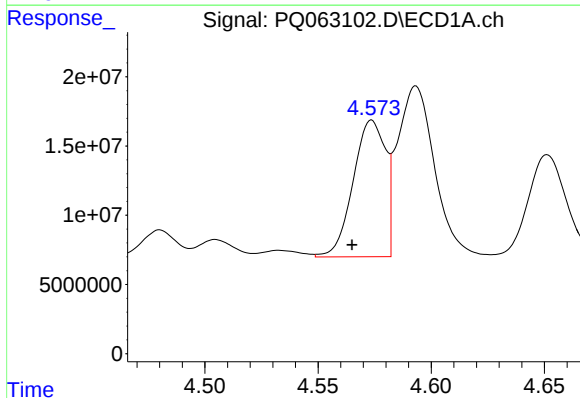
R.T.: 4.842 min
Delta R.T.: 0.009 min
Response: 55761725
Conc: 1277.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



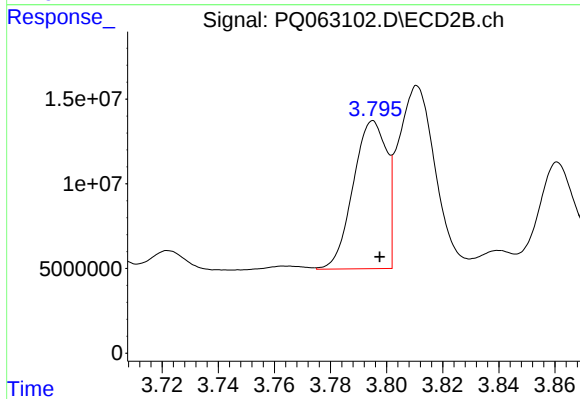
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 62001954
Conc: 1143.47 ng/ml



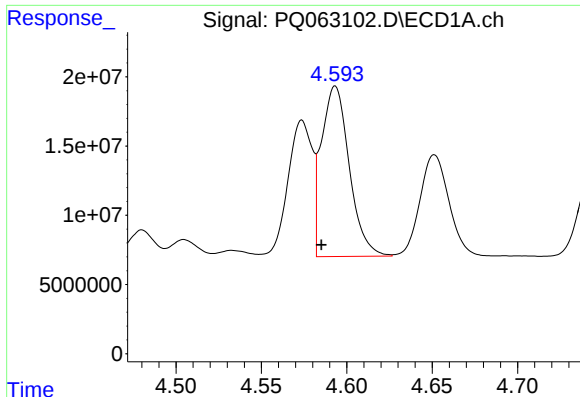
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: 0.009 min
Response: 98013238
Conc: 580.72 ng/ml



#16 AR-1242-1

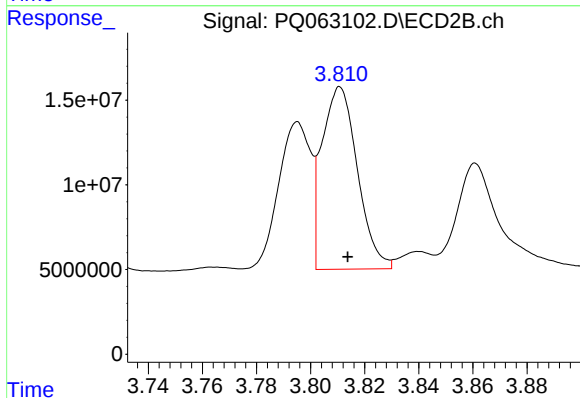
R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 72047856
Conc: 498.88 ng/ml



#17 AR-1242-2

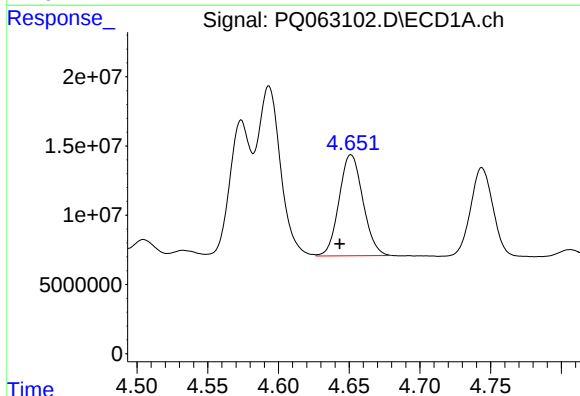
R.T.: 4.593 min
Delta R.T.: 0.008 min
Response: 139841383
Conc: 579.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



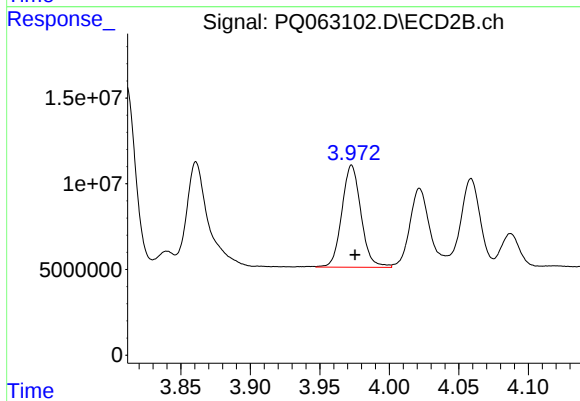
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 98322263
Conc: 517.54 ng/ml



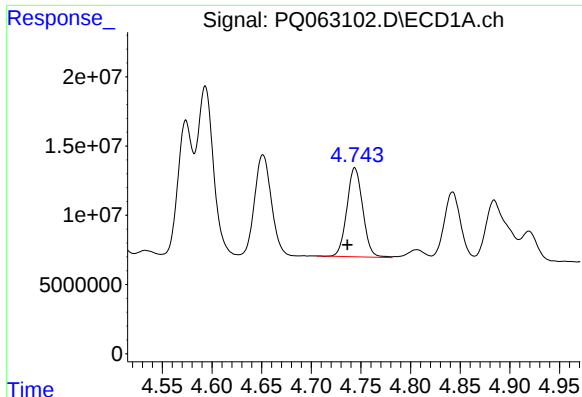
#18 AR-1242-3

R.T.: 4.651 min
Delta R.T.: 0.008 min
Response: 85750448
Conc: 585.40 ng/ml



#18 AR-1242-3

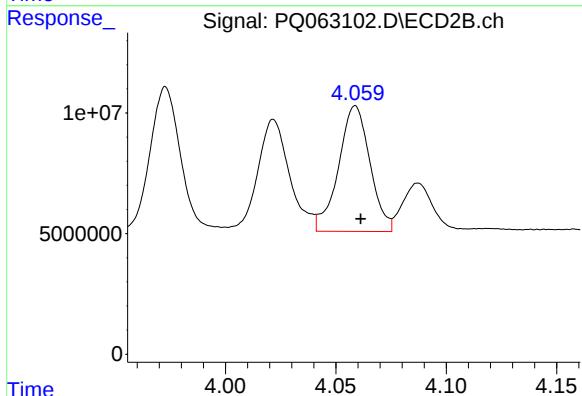
R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 57136520
Conc: 529.39 ng/ml



#19 AR-1242-4

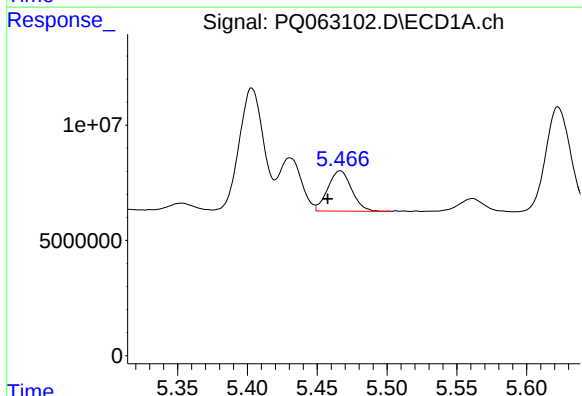
R.T.: 4.744 min
Delta R.T.: 0.008 min
Response: 71534341
Conc: 578.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



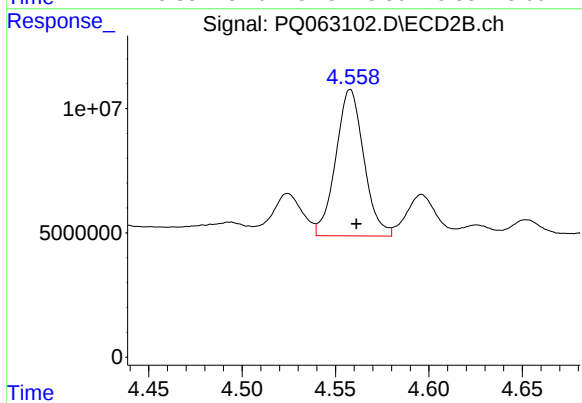
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 51610377
Conc: 518.03 ng/ml



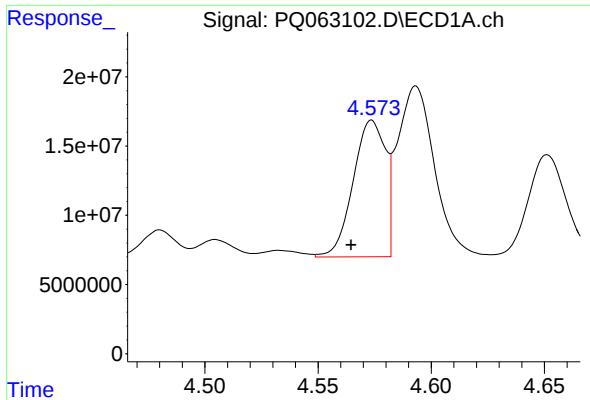
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.009 min
Response: 20707616
Conc: 156.69 ng/ml



#20 AR-1242-5

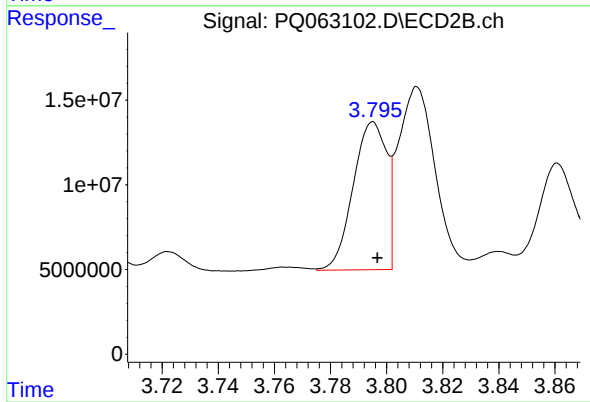
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 61546737
Conc: 455.21 ng/ml



#21 AR-1248-1

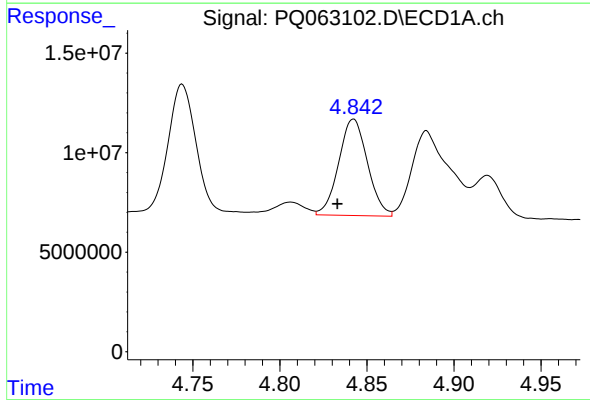
R.T.: 4.574 min
Delta R.T.: 0.009 min
Response: 98013238
Conc: 736.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



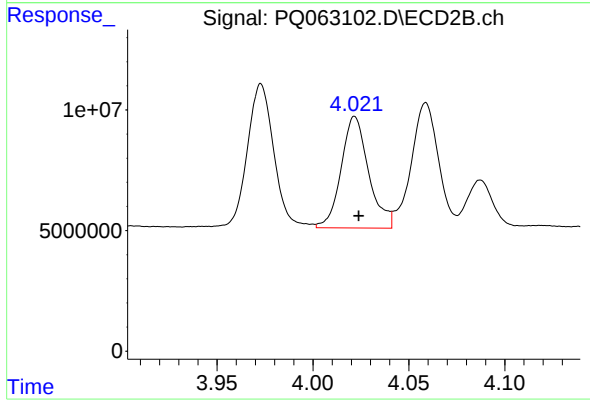
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 72047856
Conc: 644.96 ng/ml



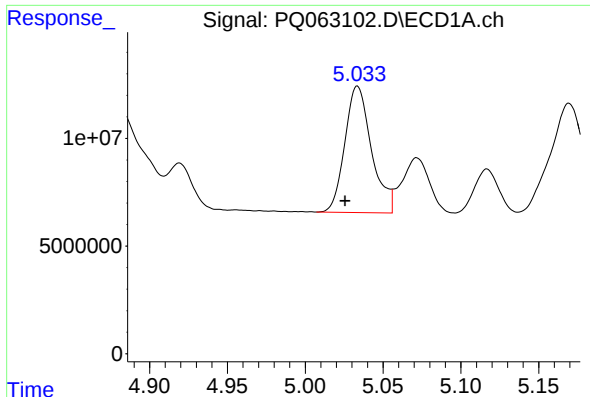
#22 AR-1248-2

R.T.: 4.842 min
Delta R.T.: 0.009 min
Response: 55761725
Conc: 319.09 ng/ml



#22 AR-1248-2

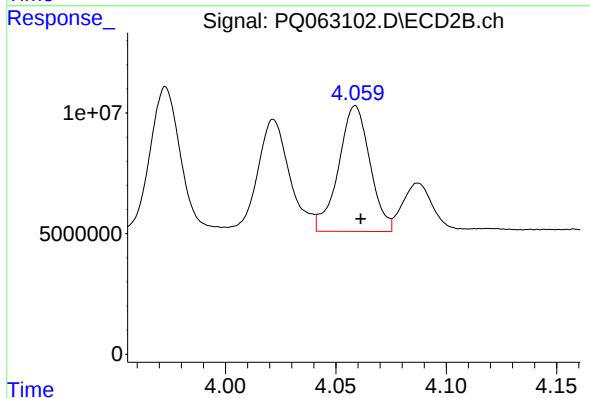
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 46323689
Conc: 293.34 ng/ml



#23 AR-1248-3

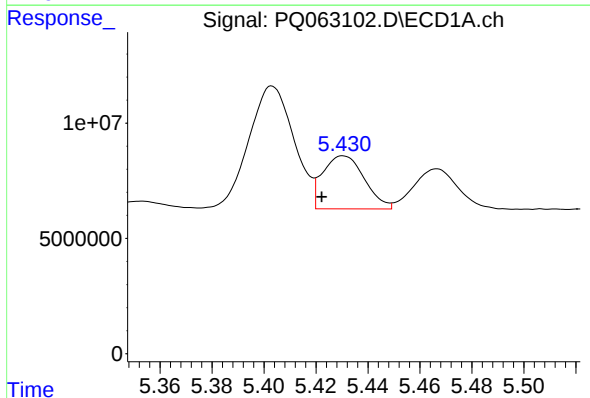
R.T.: 5.034 min
Delta R.T.: 0.008 min
Response: 70047147
Conc: 331.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



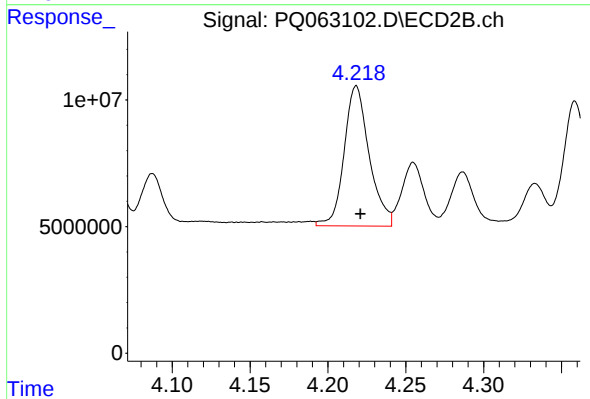
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.002 min
Response: 51610377
Conc: 338.43 ng/ml



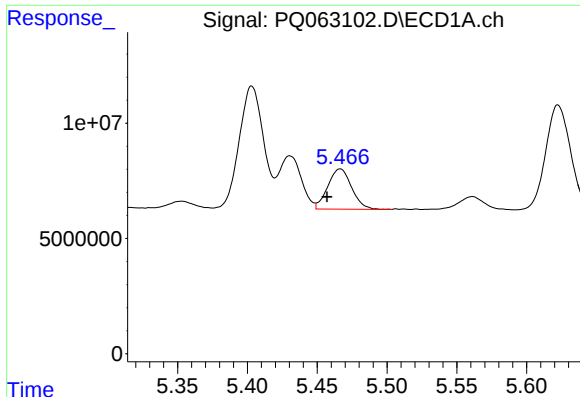
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.008 min
Response: 25566316
Conc: 107.30 ng/ml



#24 AR-1248-4

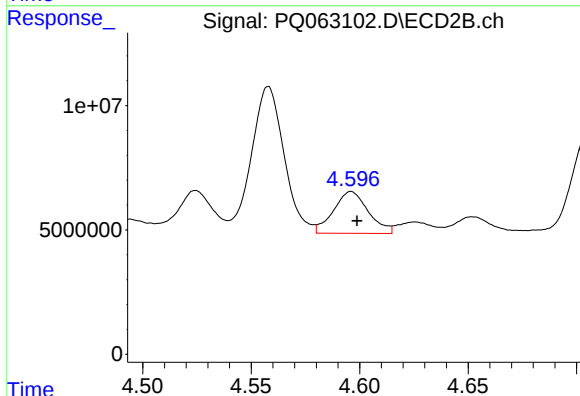
R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 62001954
Conc: 326.05 ng/ml



#25 AR-1248-5

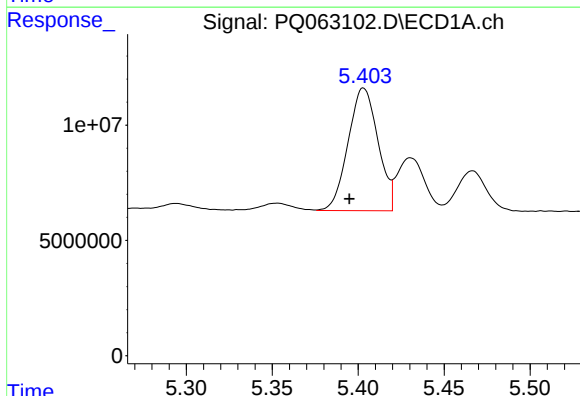
R.T.: 5.467 min
Delta R.T.: 0.009 min
Response: 20707616
Conc: 89.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



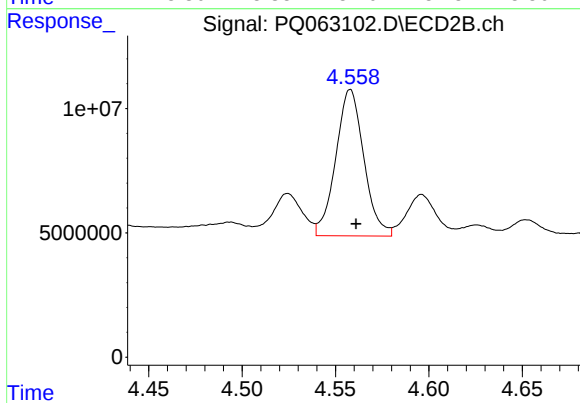
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 18784748
Conc: 97.12 ng/ml



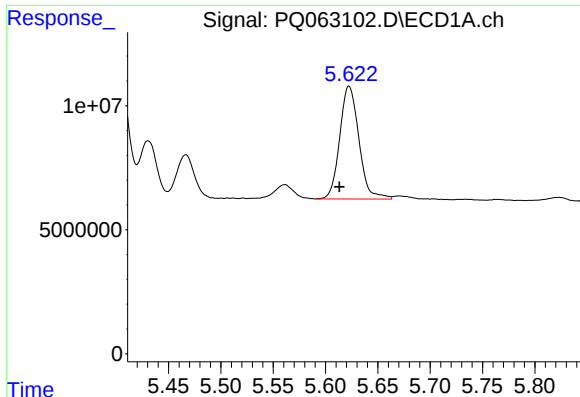
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.008 min
Response: 64304058
Conc: 293.62 ng/ml



#26 AR-1254-1

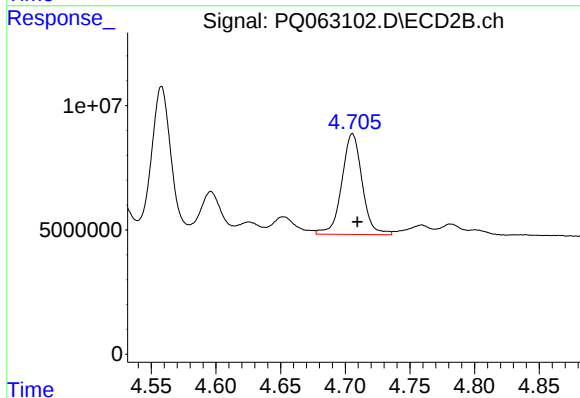
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 61546737
Conc: 229.39 ng/ml



#27 AR-1254-2

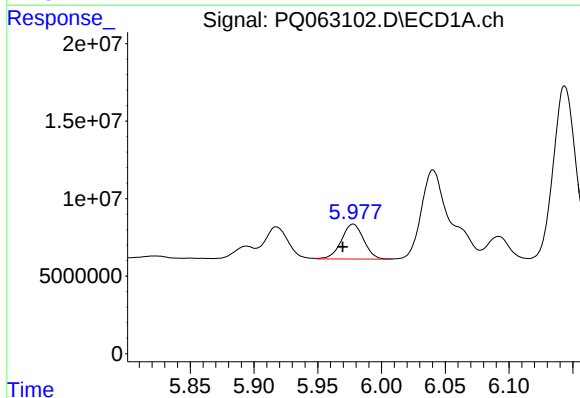
R.T.: 5.622 min
Delta R.T.: 0.009 min
Response: 58080797
Conc: 171.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



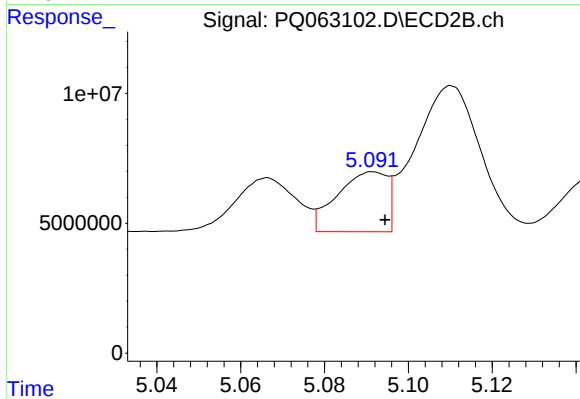
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 44360197
Conc: 189.00 ng/ml



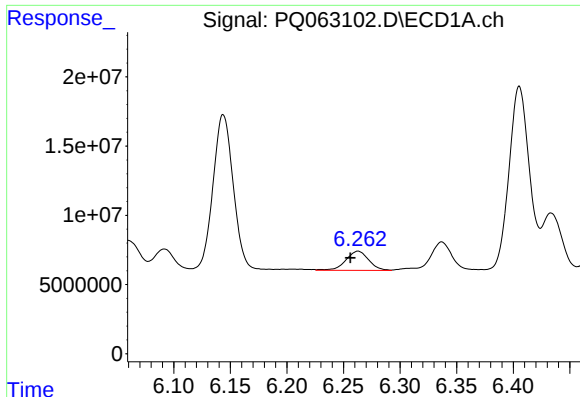
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.008 min
Response: 27427431
Conc: 76.50 ng/ml



#28 AR-1254-3

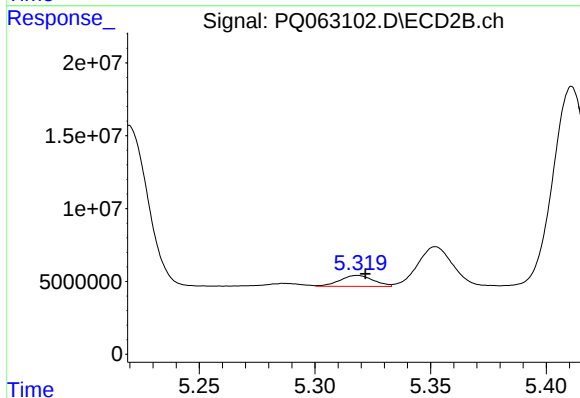
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 19115574
Conc: 50.55 ng/ml



#29 AR-1254-4

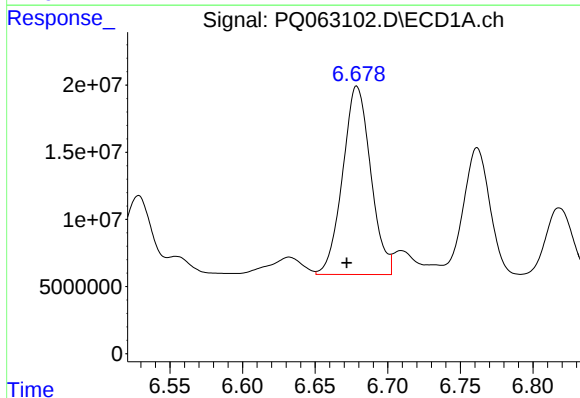
R.T.: 6.263 min
Delta R.T.: 0.007 min
Response: 19637914
Conc: 72.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



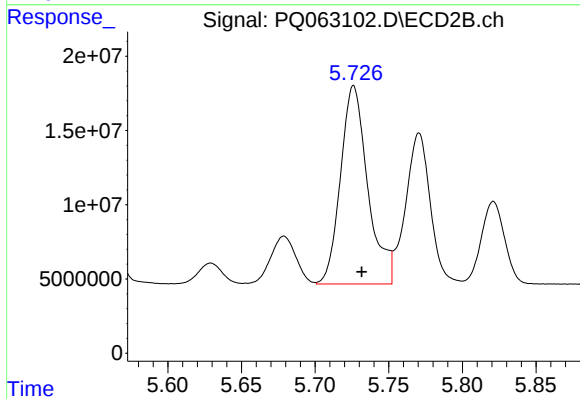
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 7571781
Conc: 30.99 ng/ml



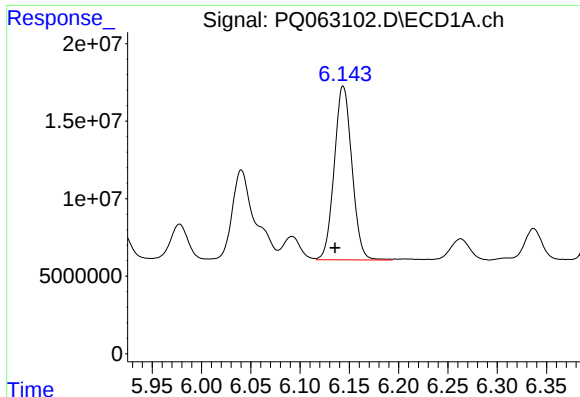
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.007 min
Response: 188635239
Conc: 682.39 ng/ml



#30 AR-1254-5

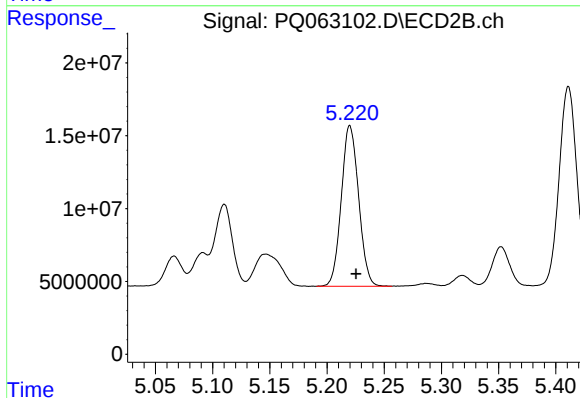
R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 172368679
Conc: 499.42 ng/ml



#31 AR-1260-1

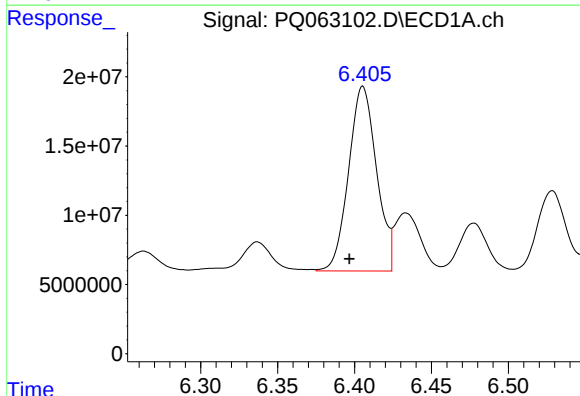
R.T.: 6.144 min
Delta R.T.: 0.008 min
Response: 139836049
Conc: 547.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



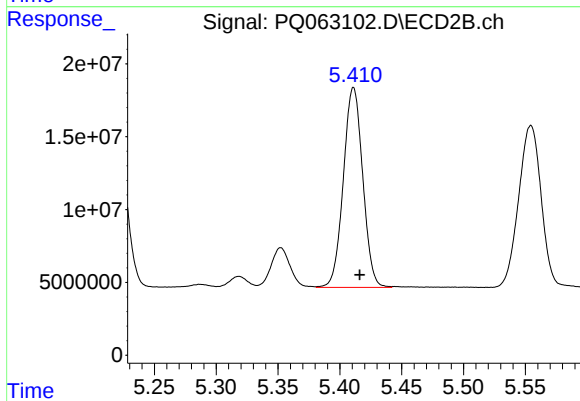
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 116468396
Conc: 466.66 ng/ml



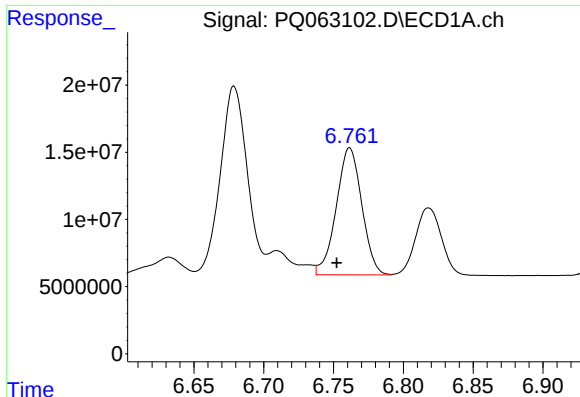
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: 0.009 min
Response: 168202354
Conc: 554.19 ng/ml



#32 AR-1260-2

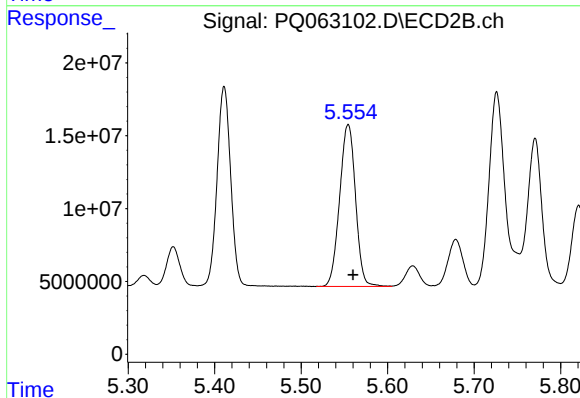
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 149813387
Conc: 486.45 ng/ml



#33 AR-1260-3

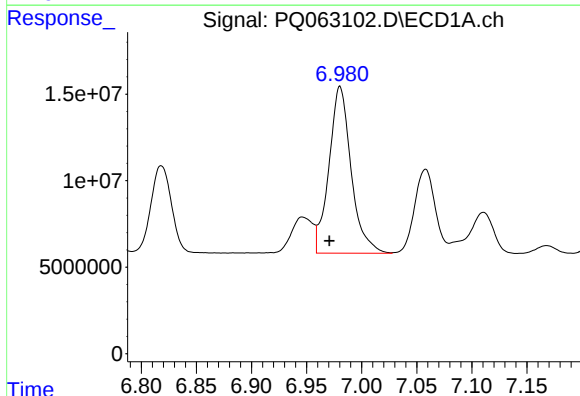
R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 120594597
Conc: 572.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



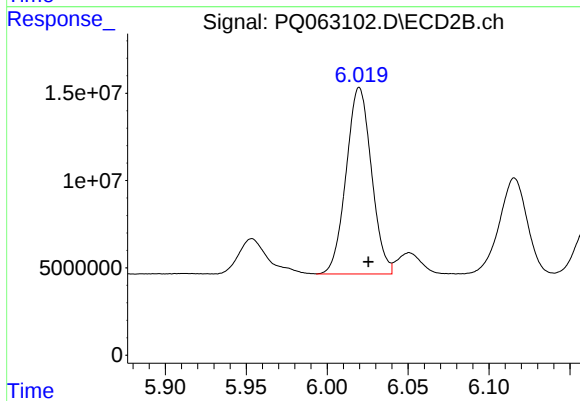
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 141843019
Conc: 457.75 ng/ml



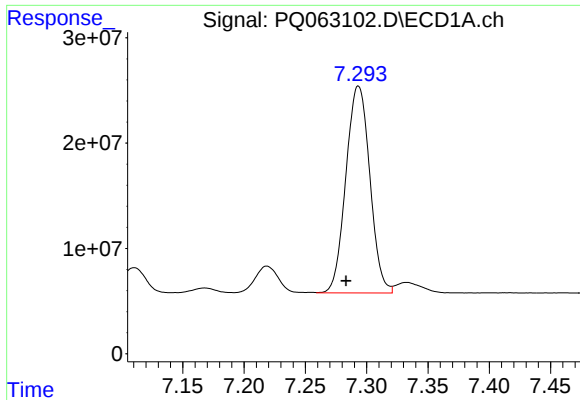
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: 0.009 min
Response: 135045599
Conc: 563.50 ng/ml



#34 AR-1260-4

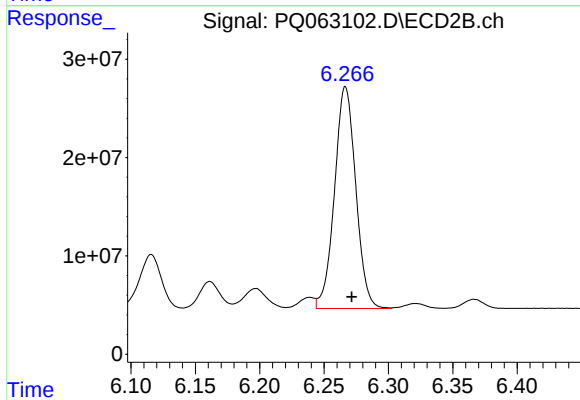
R.T.: 6.020 min
Delta R.T.: -0.006 min
Response: 116194378
Conc: 473.85 ng/ml



#35 AR-1260-5

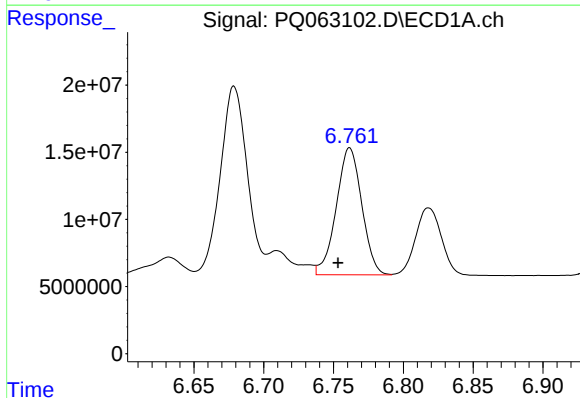
R.T.: 7.293 min
Delta R.T.: 0.010 min
Response: 267099779
Conc: 569.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



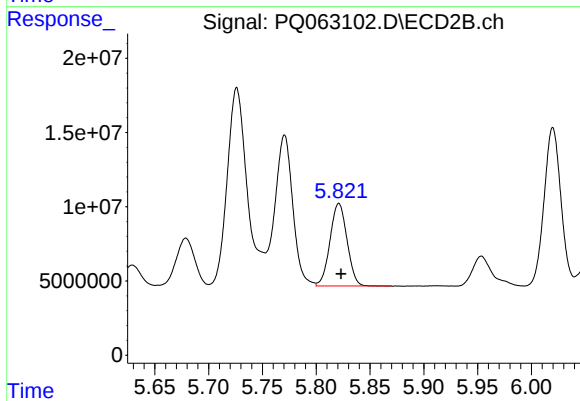
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 259282971
Conc: 474.42 ng/ml



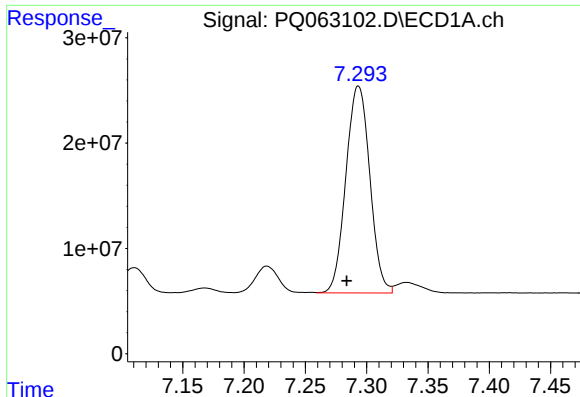
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.008 min
Response: 120594597
Conc: 373.42 ng/ml



#36 AR-1262-1

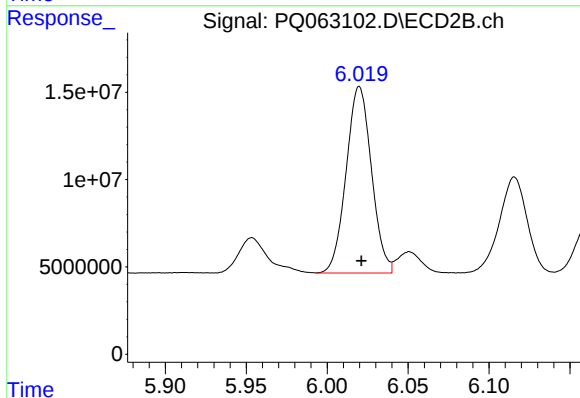
R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 61007814
Conc: 427.27 ng/ml



#37 AR-1262-2

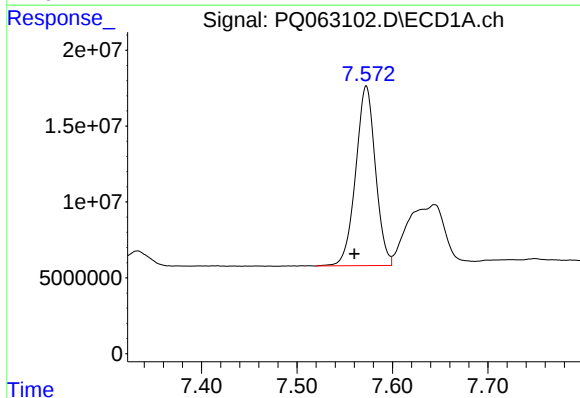
R.T.: 7.293 min
Delta R.T.: 0.010 min
Response: 267099779
Conc: 492.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



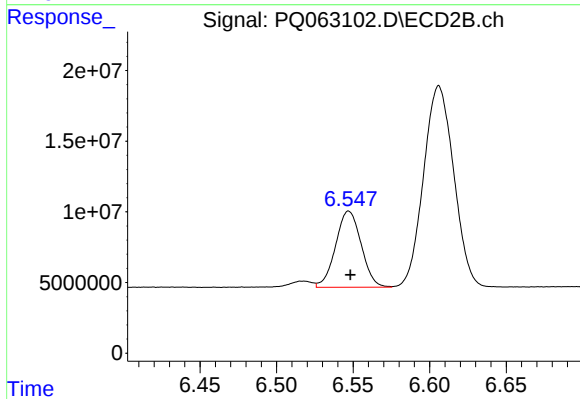
#37 AR-1262-2

R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 116194378
Conc: 371.83 ng/ml



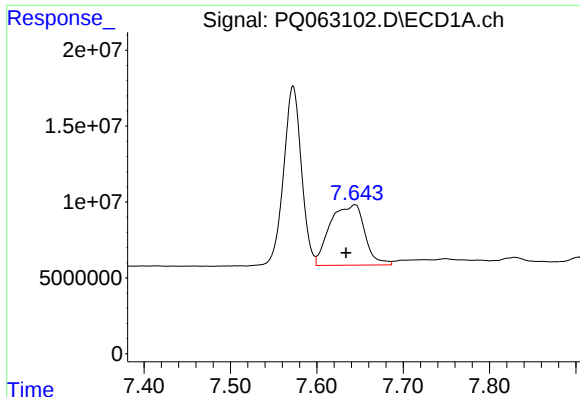
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.012 min
Response: 170289040
Conc: 471.43 ng/ml



#38 AR-1262-3

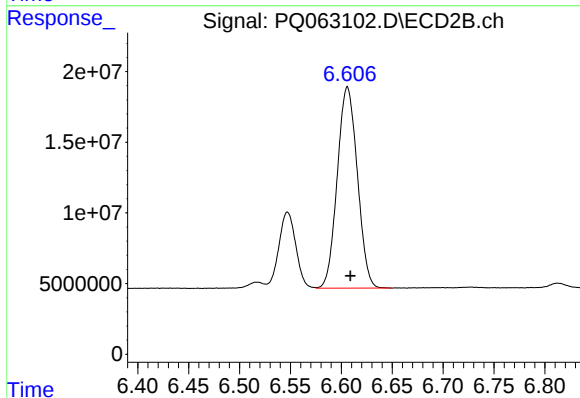
R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 62721356
Conc: 248.81 ng/ml



#39 AR-1262-4

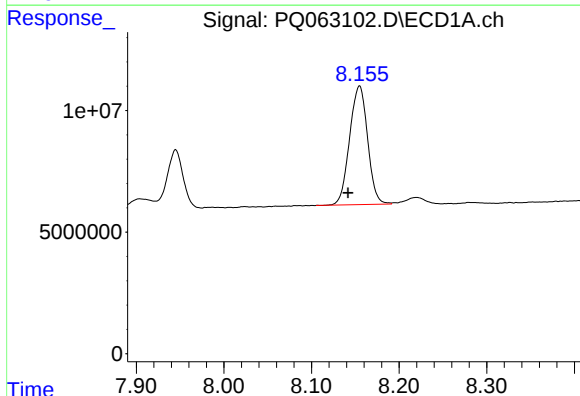
R.T.: 7.644 min
Delta R.T.: 0.010 min
Response: 110855851
Conc: 395.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



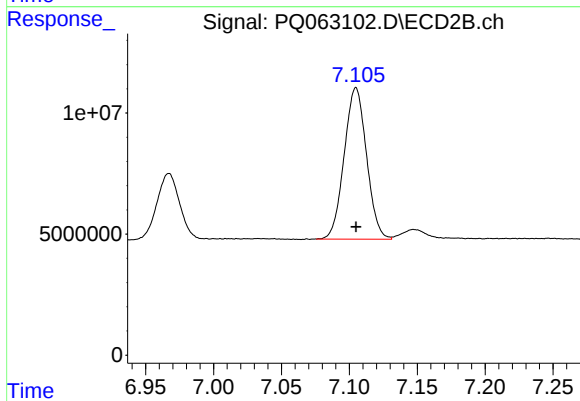
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 195706714
Conc: 418.62 ng/ml



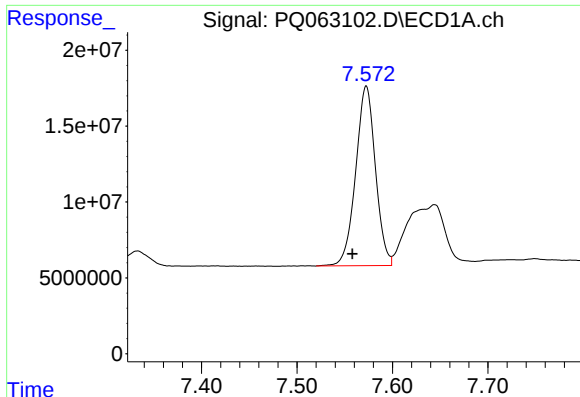
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.013 min
Response: 69709106
Conc: 370.88 ng/ml



#40 AR-1262-5

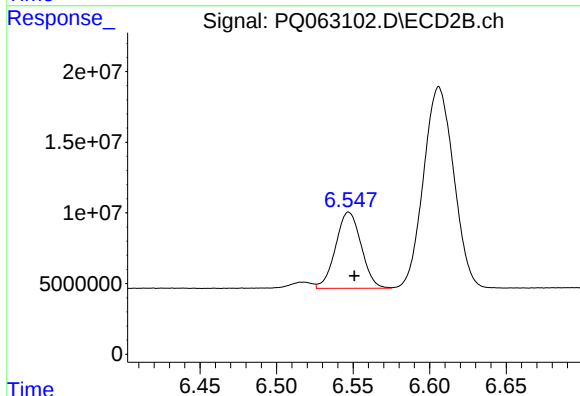
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 71692692
Conc: 326.27 ng/ml



#41 AR-1268-1

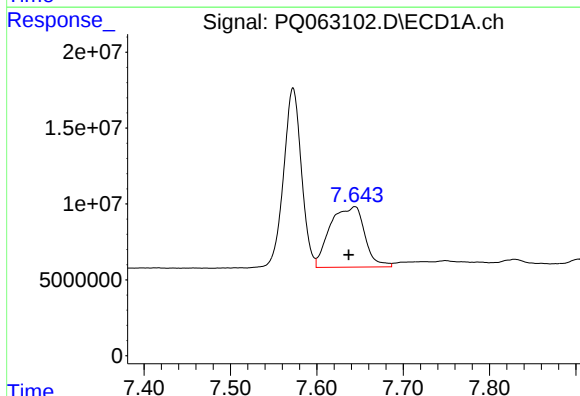
R.T.: 7.573 min
Delta R.T.: 0.015 min
Response: 170289040
Conc: 263.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



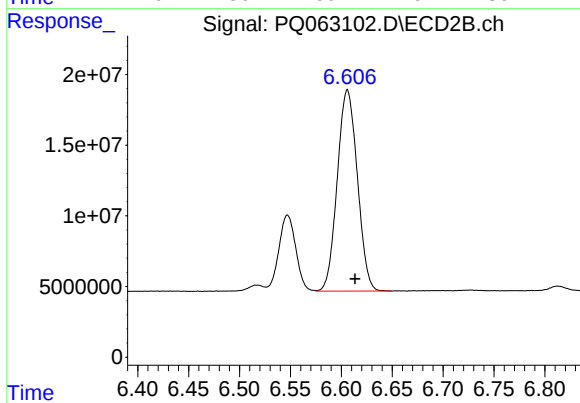
#41 AR-1268-1

R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 62721356
Conc: 84.04 ng/ml



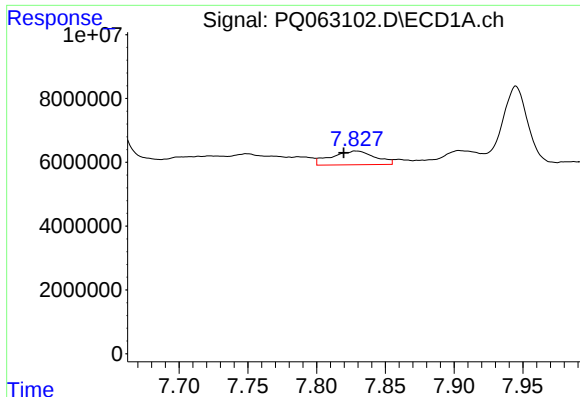
#42 AR-1268-2

R.T.: 7.644 min
Delta R.T.: 0.007 min
Response: 110855851
Conc: 184.86 ng/ml



#42 AR-1268-2

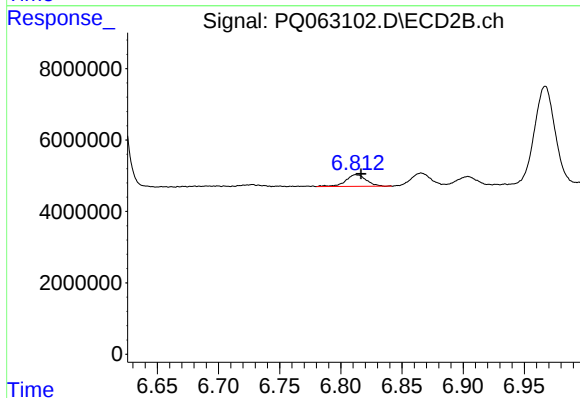
R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 195706714
Conc: 285.02 ng/ml



#43 AR-1268-3

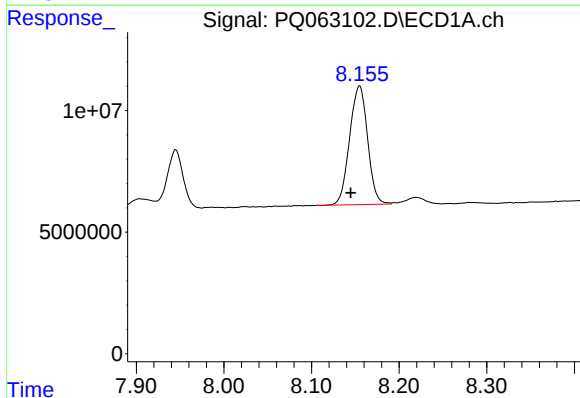
R.T.: 7.829 min
Delta R.T.: 0.009 min
Response: 9564537
Conc: 19.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



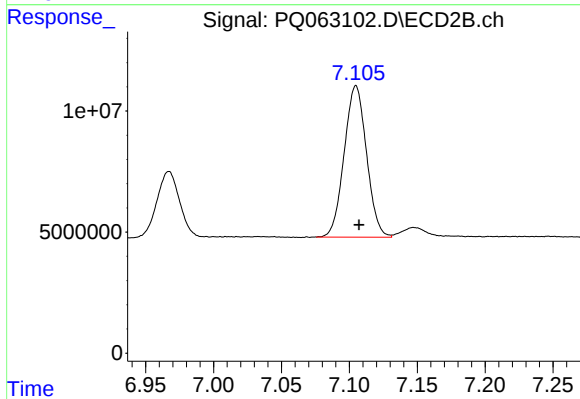
#43 AR-1268-3

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 3844961
Conc: 6.55 ng/ml



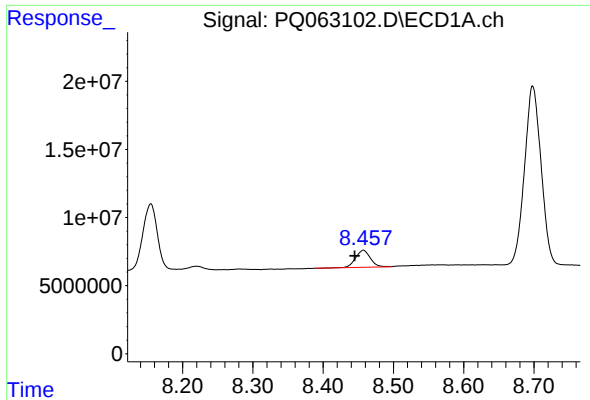
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 69709106
Conc: 324.93 ng/ml



#44 AR-1268-4

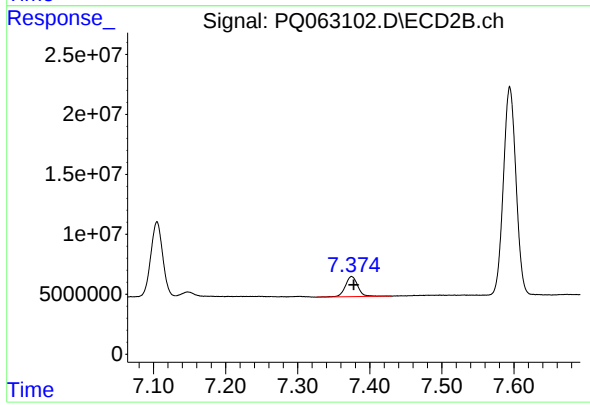
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 71692692
Conc: 281.55 ng/ml



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.012 min
Response: 18364725
Conc: 11.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 20233706
Conc: 11.42 ng/ml