

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062223\
 Data File : PQ061607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 10:56
 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: Jun 22 22:19:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.405	2.759	251.5E6	127.0E6	55.956	47.558
2)	SA Decachlor...	8.586	7.531	185.3E6	173.0E6	55.007	51.541
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	86556083	51038366	562.242	494.839
4)	L1 AR-1016-2	4.525	3.776	128.7E6	73785769	564.111	495.258
5)	L1 AR-1016-3	4.582	3.936	79611889	39993545	560.247	506.083
6)	L1 AR-1016-4	4.674	3.985	65654169	34643407	570.223	487.884
7)	L1 AR-1016-5	4.961	4.180	64215466	41851056	555.628	488.836
8)	L2 AR-1221-1	3.602	2.960	9104354	5115996	162.257	143.683
9)	L2 AR-1221-2	3.684	3.037	13053465	7135702	309.323	259.081
10)	L2 AR-1221-3	3.754	3.105	47594266	26517378	363.090	312.925
11)	L3 AR-1232-1	3.754	3.105	47594266	26517378	497.908	430.597
12)	L3 AR-1232-2	4.247	3.776	65638473	73785769	1194.823	1070.947
13)	L3 AR-1232-3	4.525	3.936	128.7E6	39993545	1232.150	1106.010
14)	L3 AR-1232-4	4.674	4.022	65654169	38010617	1237.414	1179.324
15)	L3 AR-1232-5	4.772	4.180	51162910	41851056	1356.658	1092.024
16)	L4 AR-1242-1	4.505	3.761	86556083	51038366	762.820	666.391
17)	L4 AR-1242-2	4.525	3.776	128.7E6	73785769	758.017	665.792
18)	L4 AR-1242-3	4.582	3.936	79611889	39993545	744.170	675.767
19)	L4 AR-1242-4	4.674	4.022	65654169	38010617	756.471	634.721
20)	L4 AR-1242-5	5.390	4.516	9085876	34290380	102.447	428.255 #
21)	L5 AR-1248-1	4.505	3.761	86556083	51038366	960.624	820.084
22)	L5 AR-1248-2	4.772	3.985	51162910	34643407	402.460	358.419
23)	L5 AR-1248-3	4.961	4.022	64215466	38010617	416.873	415.811
24)	L5 AR-1248-4	5.355	4.180	10523739	41851056	61.996	369.607 #
25)	L5 AR-1248-5	5.390	4.554	9085876	5225954	55.460	47.450
26)	L6 AR-1254-1	5.328	4.516	49477862	34290380	289.681	208.521 #
27)	L6 AR-1254-2	5.546	4.663	55565011	33785294	207.809	224.627
28)	L6 AR-1254-3	5.898	5.045	30103097	17939527	107.725	77.093 #
29)	L6 AR-1254-4	6.181	5.271	19275341	6906096	94.171	48.069 #
30)	L6 AR-1254-5	6.595	5.676	179.1E6	133.1E6	759.100	583.563
31)	L7 AR-1260-1	6.064	5.174	123.1E6	88279658	553.979	513.225
32)	L7 AR-1260-2	6.323	5.363	149.5E6	106.9E6	561.798	516.033
33)	L7 AR-1260-3	6.677	5.505	92892294	100.4E6	552.445	505.464
34)	L7 AR-1260-4	6.895	5.967	111.3E6	75803028	554.461	515.297
35)	L7 AR-1260-5	7.207	6.213	214.7E6	173.6E6	564.209	534.655
36)	L8 AR-1262-1	6.677	5.720	92892294	75665865	310.264	312.221
37)	L8 AR-1262-2	7.207	6.213	214.7E6	173.6E6	425.907	397.225
38)	L8 AR-1262-3	7.485	6.492	137.7E6	36592784	407.419	203.048 #
39)	L8 AR-1262-4	7.556	6.550	33420587	135.4E6	130.135	408.285 #
40)	L8 AR-1262-5	8.061	7.047	49368904	44187593	289.879	275.449
41)	L9 AR-1268-1	7.485	6.492	137.7E6	36592784	249.996	74.482 #

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 Data File : PQ061607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 10:56
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

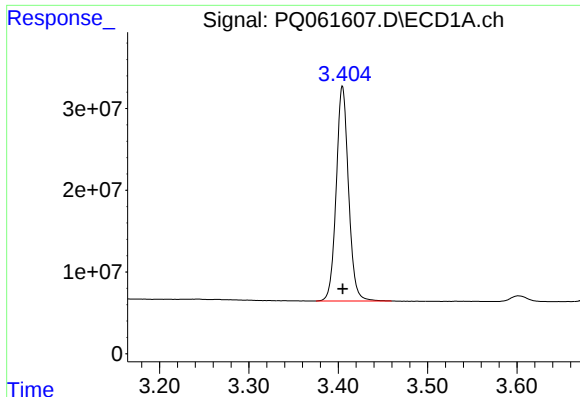
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 22:19:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	7.556	6.550	33420587	135.4E6	67.826	304.344 #
43) L9	AR-1268-3	7.738	6.754	4108002	3419795	9.963	8.736
44) L9	AR-1268-4	8.061	7.047	49368904	44187593	278.908	263.210
45) L9	AR-1268-5	8.354	7.315	16075534	15722573	13.525	12.679

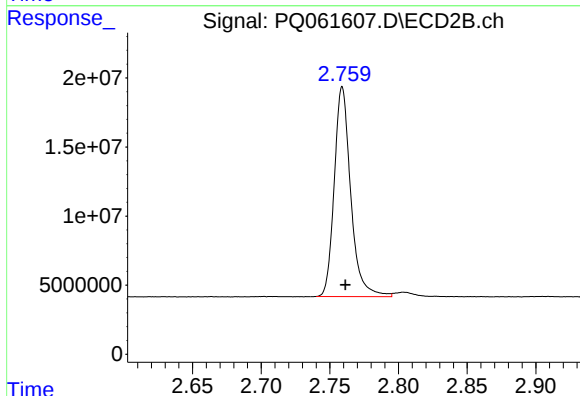
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

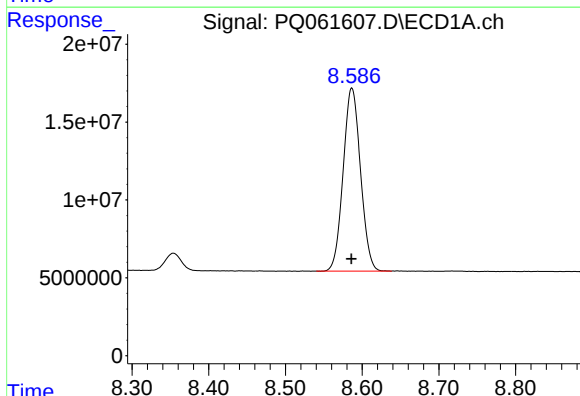
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 251524466
Conc: 55.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



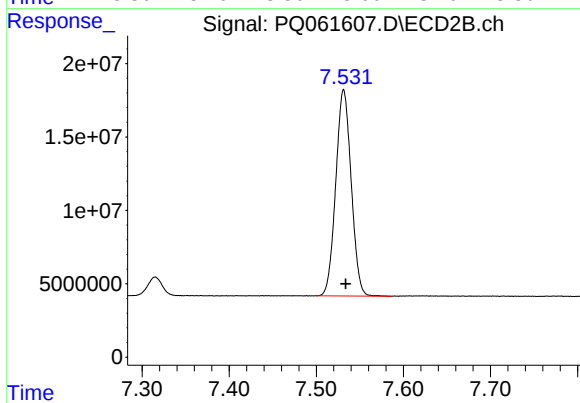
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 126996684
Conc: 47.56 ng/ml



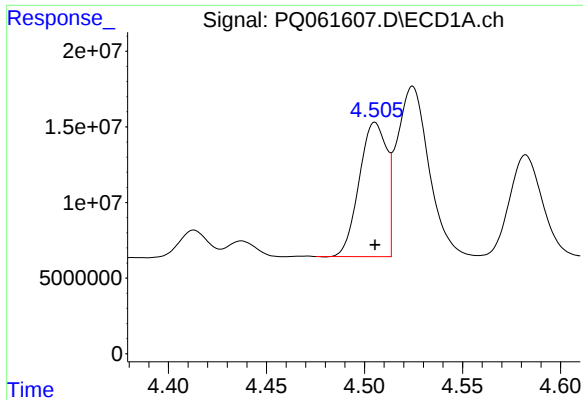
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 185300151
Conc: 55.01 ng/ml



#2 Decachlorobiphenyl

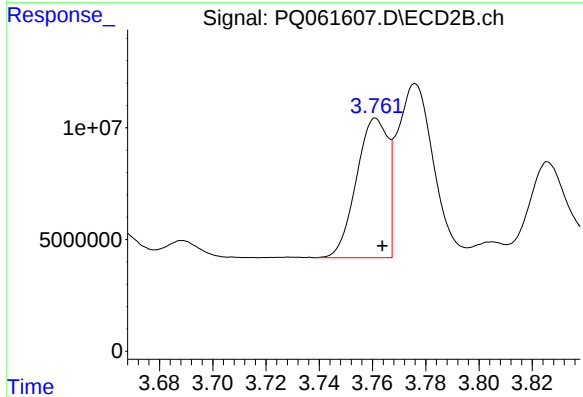
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 172997959
Conc: 51.54 ng/ml



#3 AR-1016-1

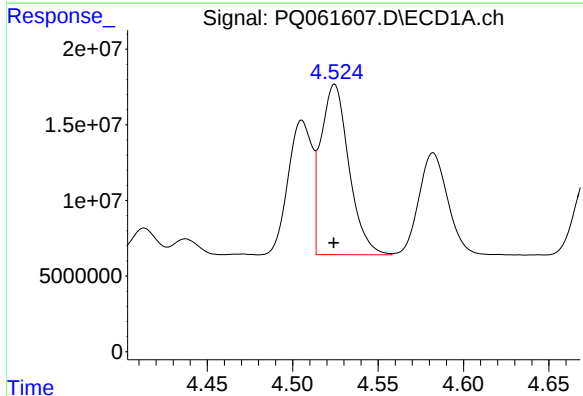
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 86556083
Conc: 562.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



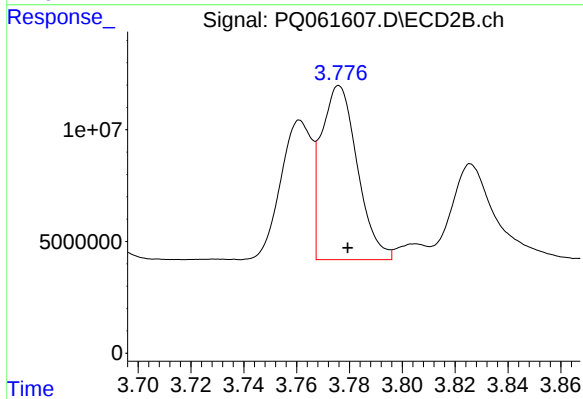
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 51038366
Conc: 494.84 ng/ml



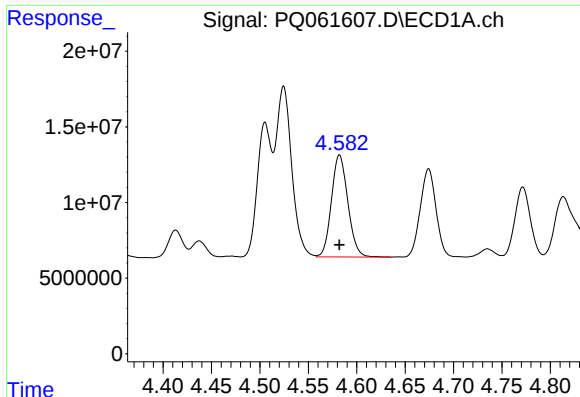
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 128710164
Conc: 564.11 ng/ml



#4 AR-1016-2

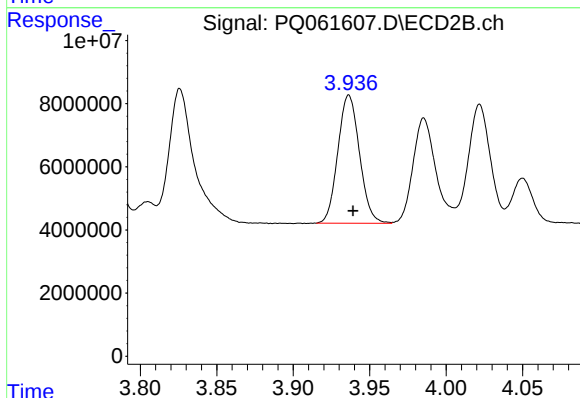
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 73785769
Conc: 495.26 ng/ml



#5 AR-1016-3

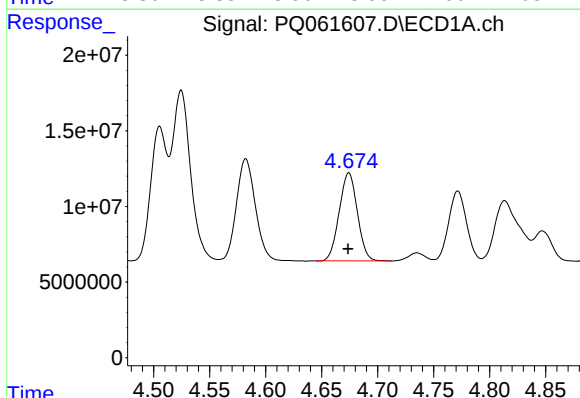
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 79611889
Conc: 560.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



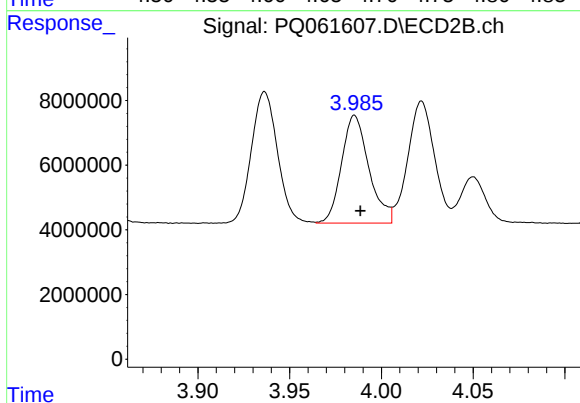
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: -0.003 min
Response: 39993545
Conc: 506.08 ng/ml



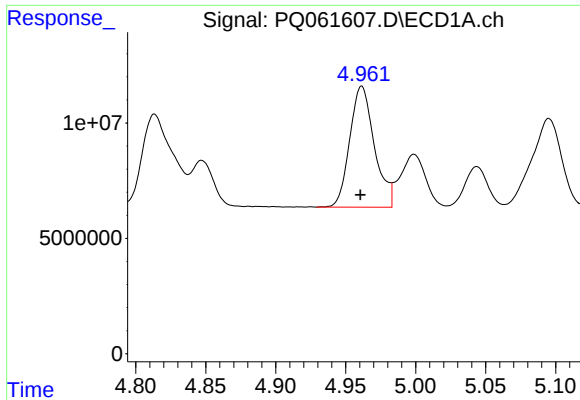
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65654169
Conc: 570.22 ng/ml



#6 AR-1016-4

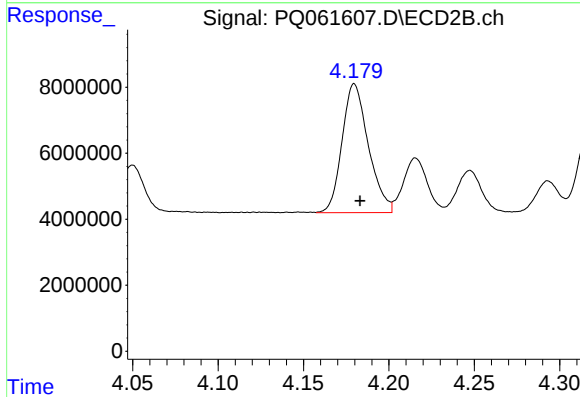
R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 34643407
Conc: 487.88 ng/ml



#7 AR-1016-5

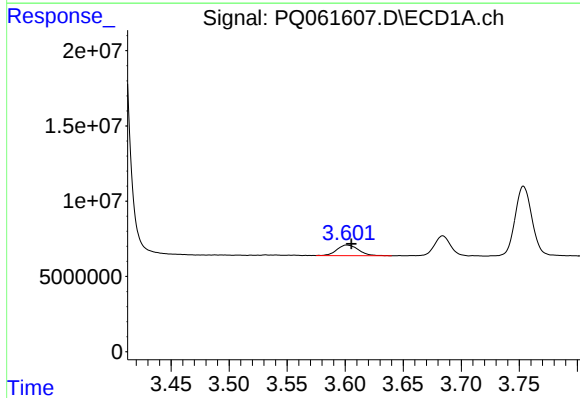
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 64215466
Conc: 555.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



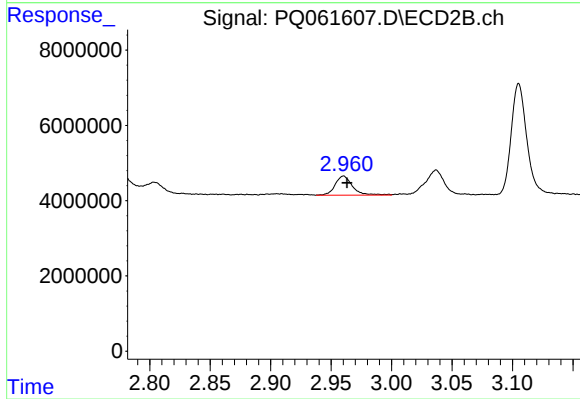
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 41851056
Conc: 488.84 ng/ml



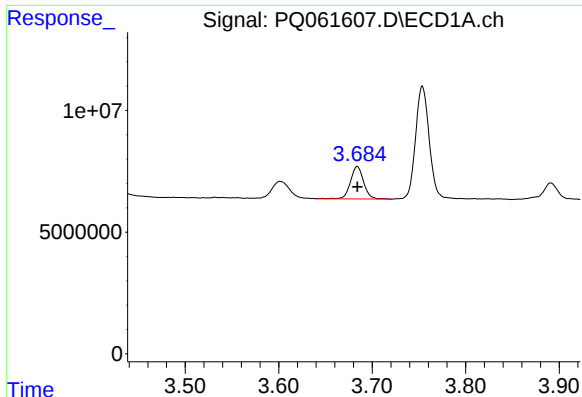
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 9104354
Conc: 162.26 ng/ml



#8 AR-1221-1

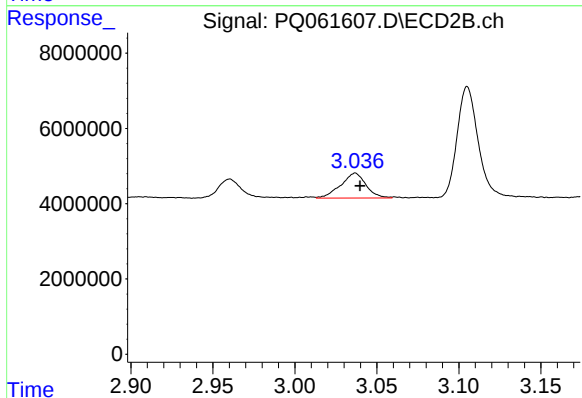
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 5115996
Conc: 143.68 ng/ml



#9 AR-1221-2

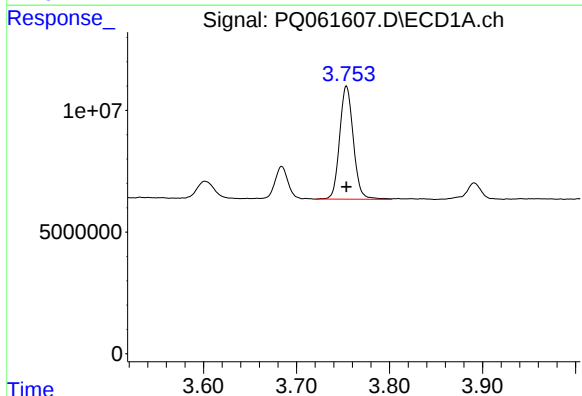
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 13053465
Conc: 309.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



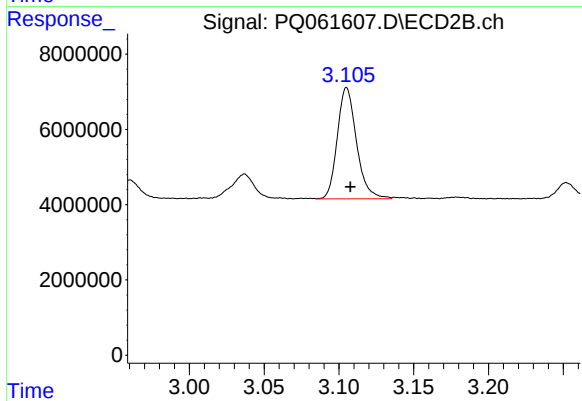
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: -0.003 min
Response: 7135702
Conc: 259.08 ng/ml



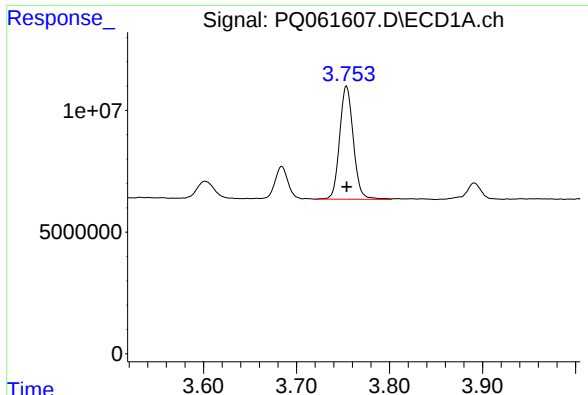
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 47594266
Conc: 363.09 ng/ml



#10 AR-1221-3

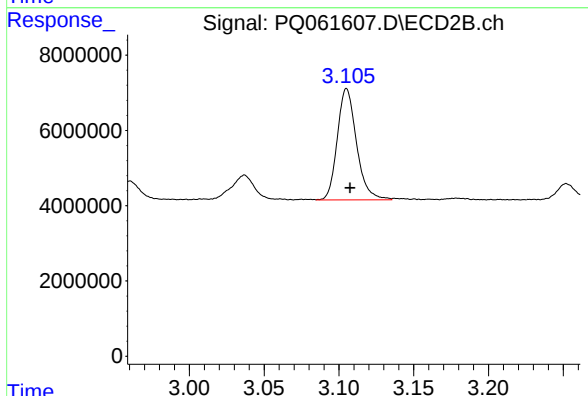
R.T.: 3.105 min
Delta R.T.: -0.003 min
Response: 26517378
Conc: 312.92 ng/ml



#11 AR-1232-1

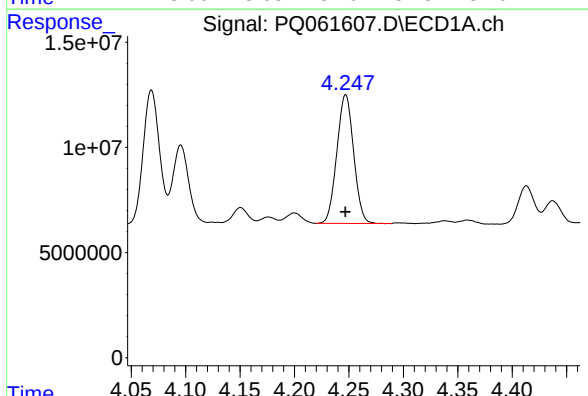
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 47594266
Conc: 497.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



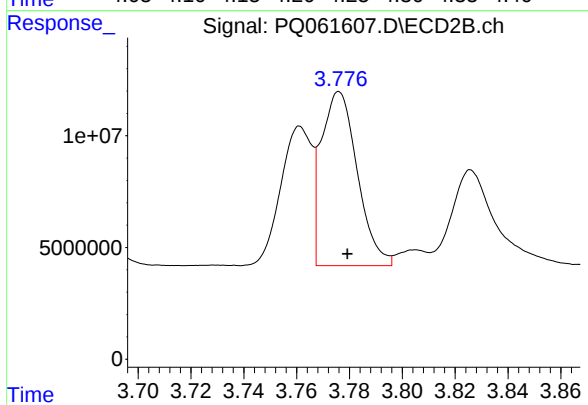
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 26517378
Conc: 430.60 ng/ml



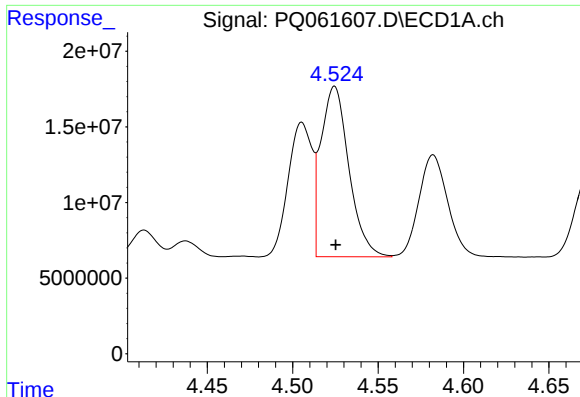
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 65638473
Conc: 1194.82 ng/ml



#12 AR-1232-2

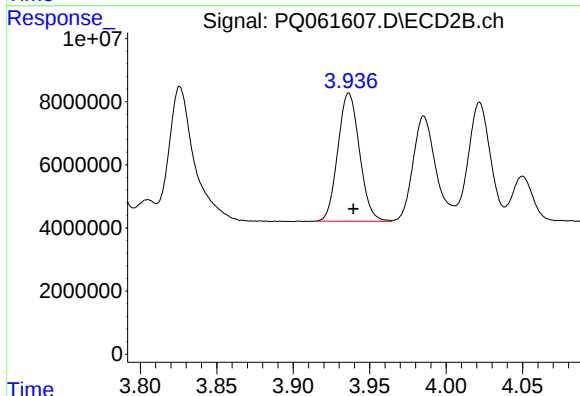
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 73785769
Conc: 1070.95 ng/ml



#13 AR-1232-3

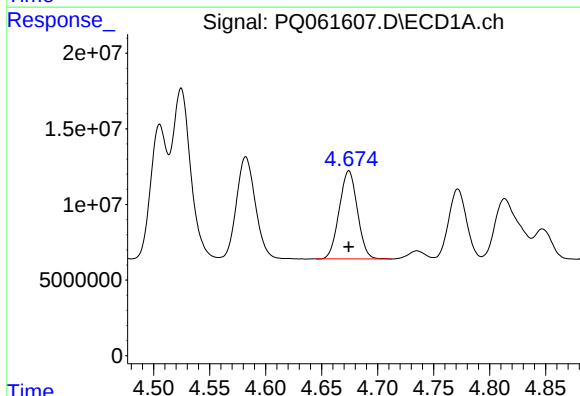
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 128710164
Conc: 1232.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



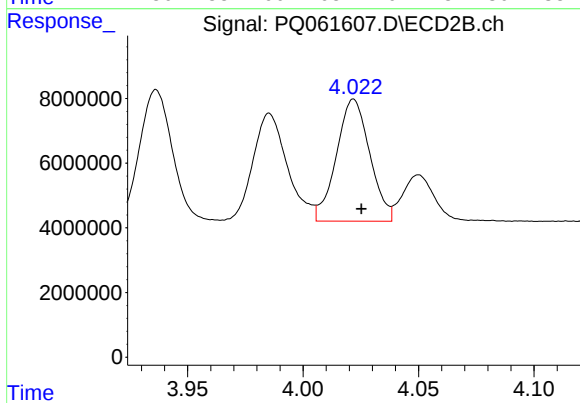
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: -0.003 min
Response: 39993545
Conc: 1106.01 ng/ml



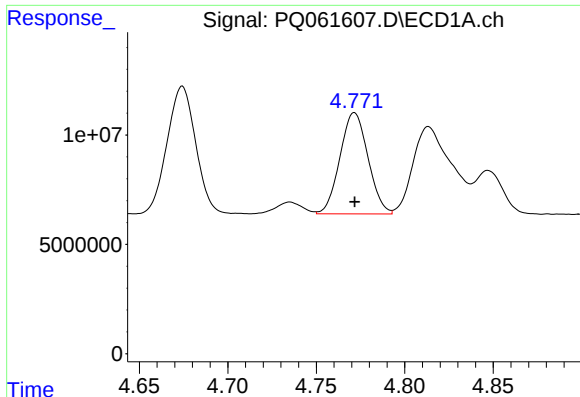
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65654169
Conc: 1237.41 ng/ml



#14 AR-1232-4

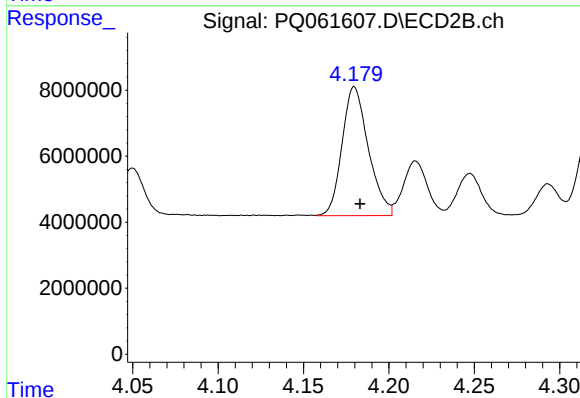
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 38010617
Conc: 1179.32 ng/ml



#15 AR-1232-5

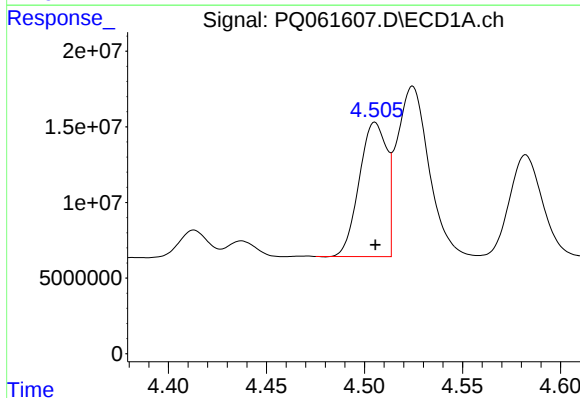
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 51162910
Conc: 1356.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



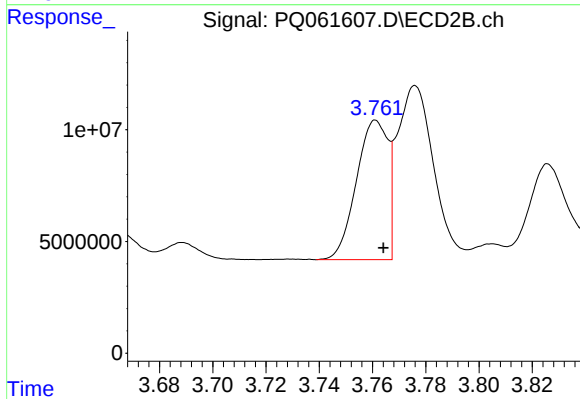
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 41851056
Conc: 1092.02 ng/ml



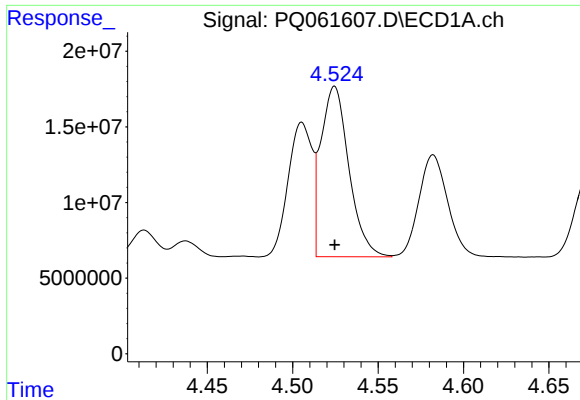
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 86556083
Conc: 762.82 ng/ml



#16 AR-1242-1

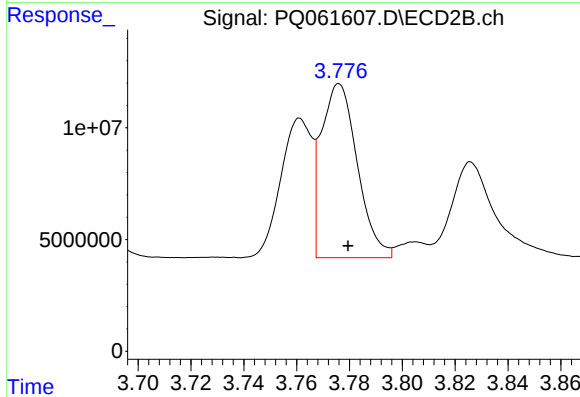
R.T.: 3.761 min
Delta R.T.: -0.003 min
Response: 51038366
Conc: 666.39 ng/ml



#17 AR-1242-2

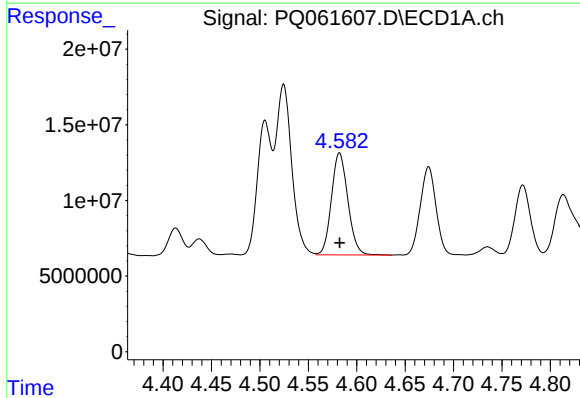
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 128710164
Conc: 758.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



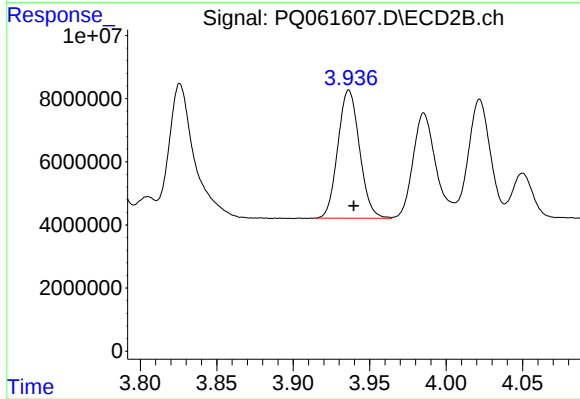
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 73785769
Conc: 665.79 ng/ml



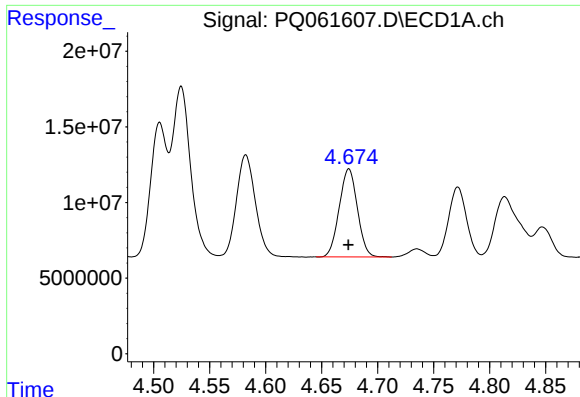
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 79611889
Conc: 744.17 ng/ml



#18 AR-1242-3

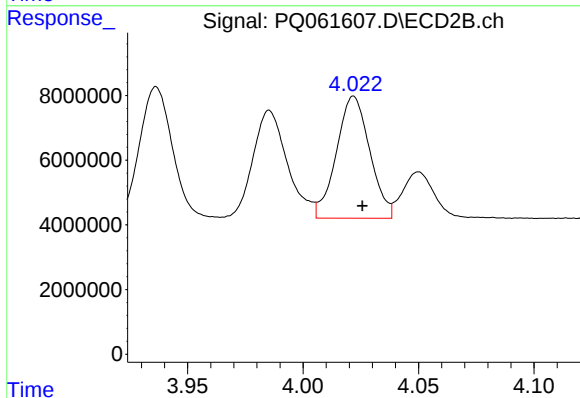
R.T.: 3.936 min
Delta R.T.: -0.003 min
Response: 39993545
Conc: 675.77 ng/ml



#19 AR-1242-4

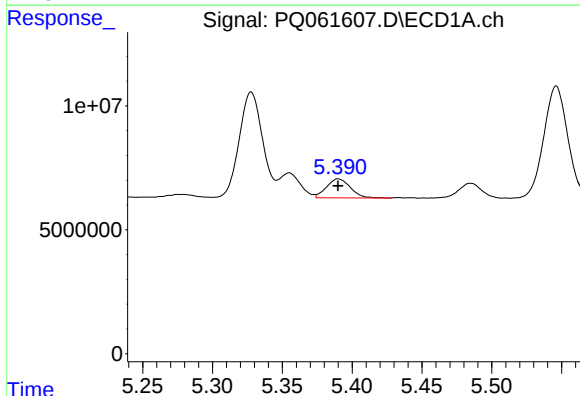
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 65654169
Conc: 756.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



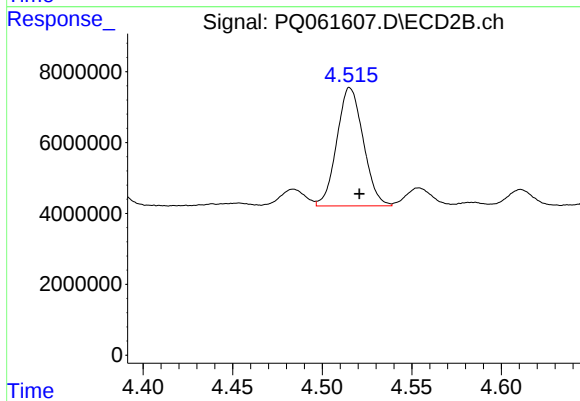
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 38010617
Conc: 634.72 ng/ml



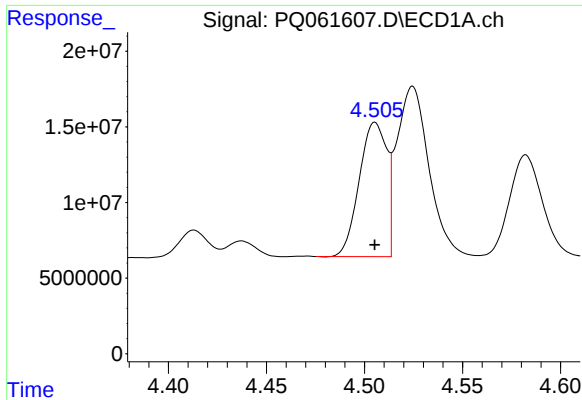
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9085876
Conc: 102.45 ng/ml



#20 AR-1242-5

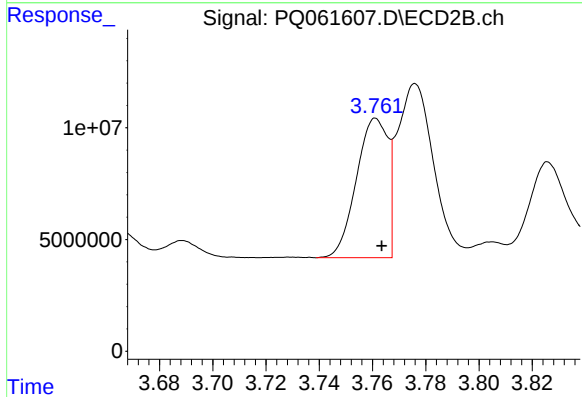
R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 34290380
Conc: 428.26 ng/ml



#21 AR-1248-1

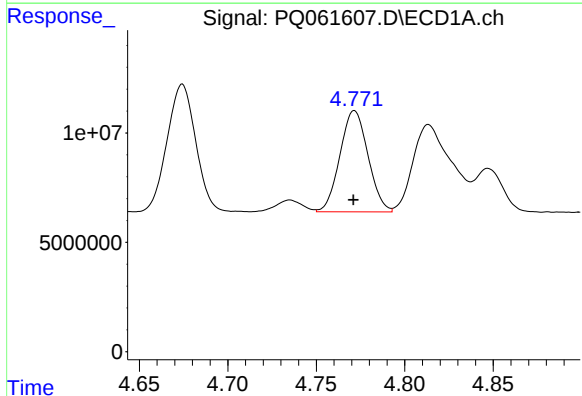
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 86556083
Conc: 960.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



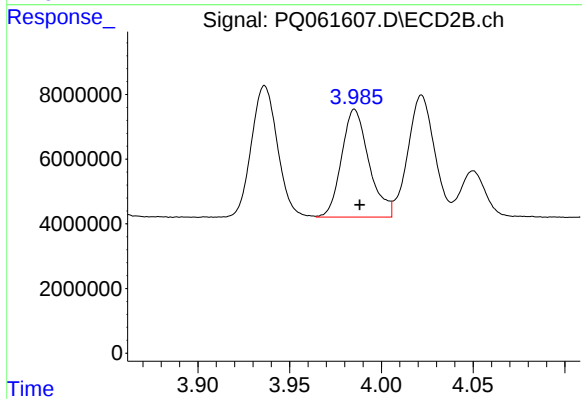
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 51038366
Conc: 820.08 ng/ml



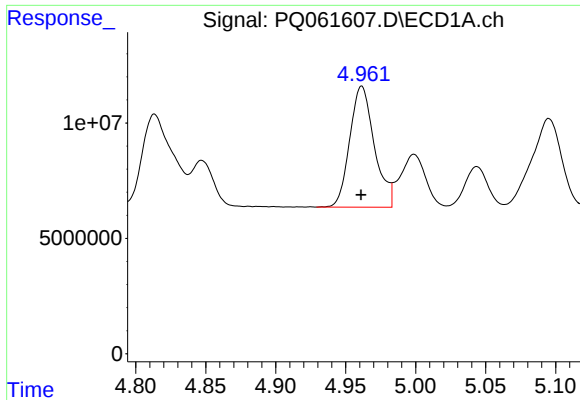
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 51162910
Conc: 402.46 ng/ml



#22 AR-1248-2

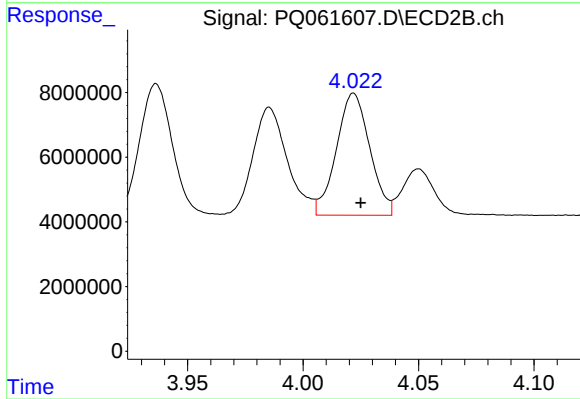
R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 34643407
Conc: 358.42 ng/ml



#23 AR-1248-3

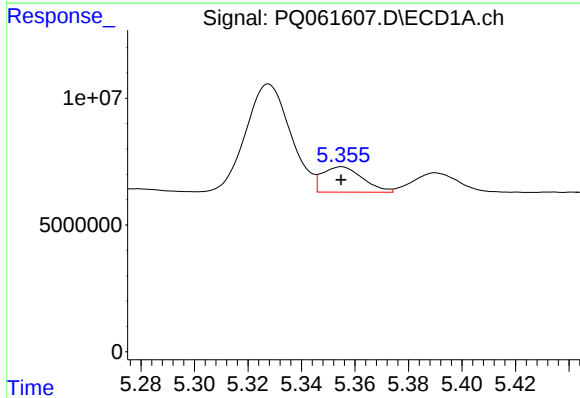
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 64215466
Conc: 416.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



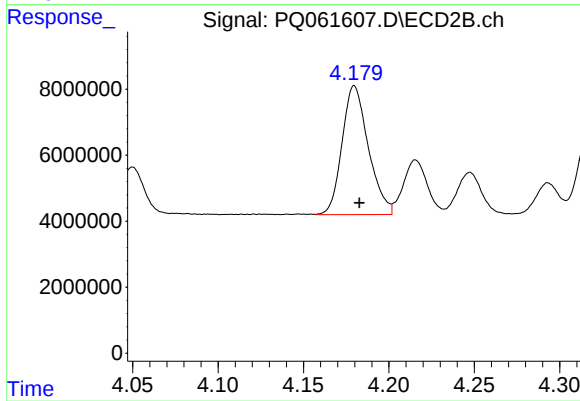
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 38010617
Conc: 415.81 ng/ml



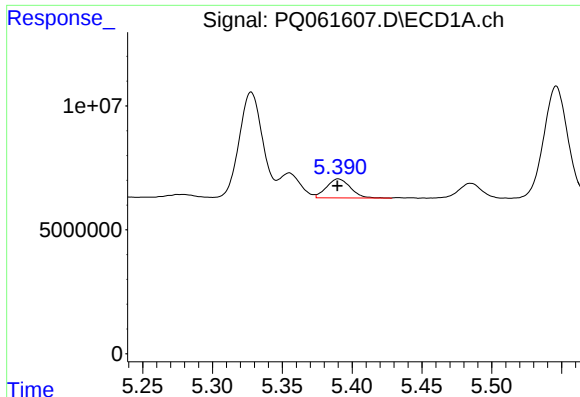
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 10523739
Conc: 62.00 ng/ml



#24 AR-1248-4

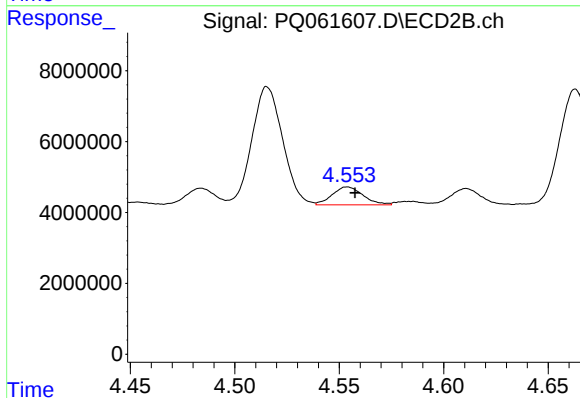
R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 41851056
Conc: 369.61 ng/ml



#25 AR-1248-5

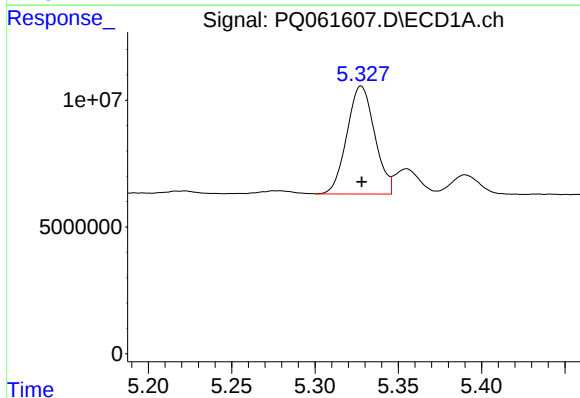
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 9085876
Conc: 55.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



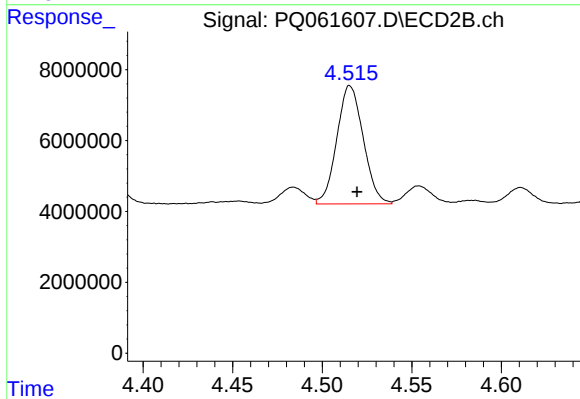
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 5225954
Conc: 47.45 ng/ml



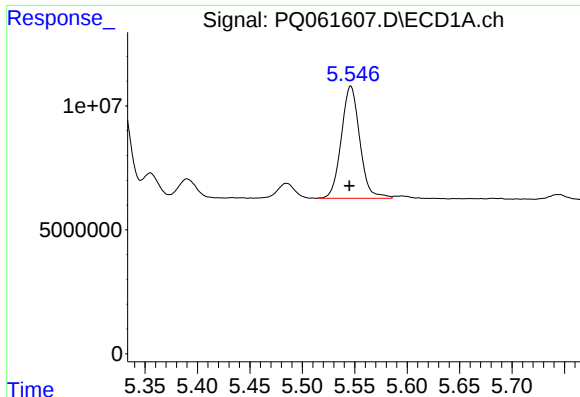
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 49477862
Conc: 289.68 ng/ml



#26 AR-1254-1

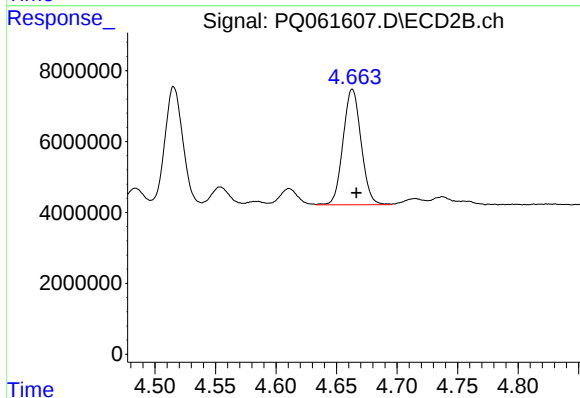
R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 34290380
Conc: 208.52 ng/ml



#27 AR-1254-2

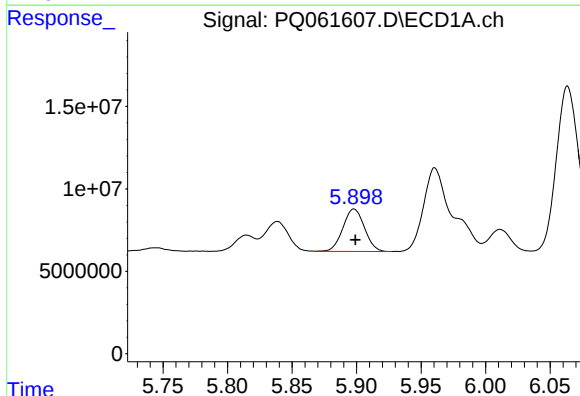
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 55565011
Conc: 207.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



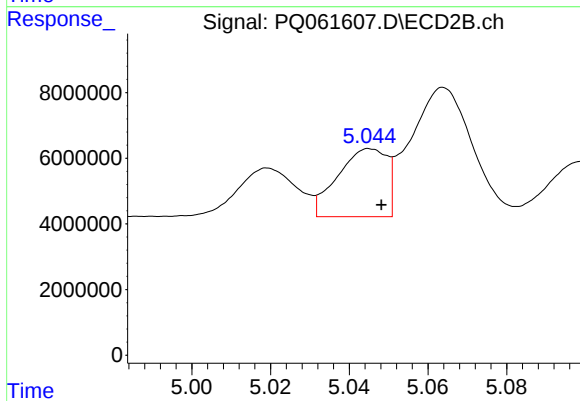
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 33785294
Conc: 224.63 ng/ml



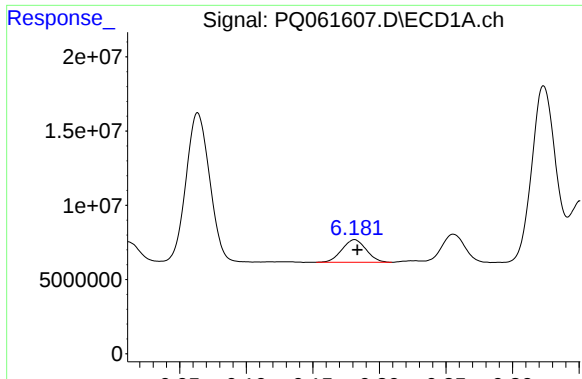
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 30103097
Conc: 107.73 ng/ml



#28 AR-1254-3

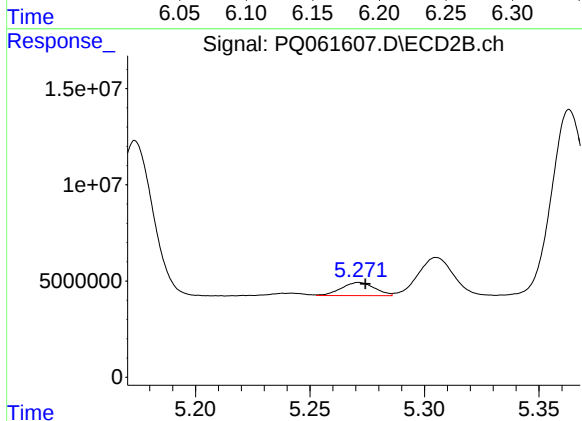
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 17939527
Conc: 77.09 ng/ml



#29 AR-1254-4

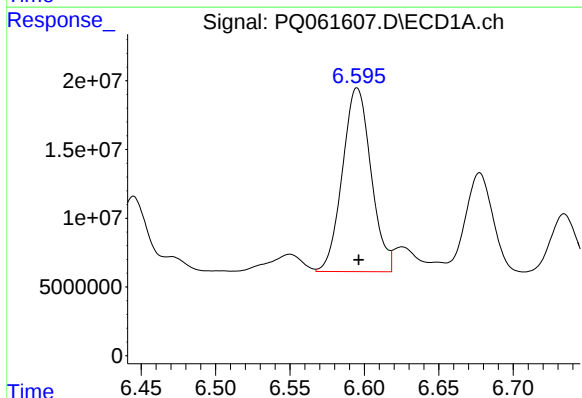
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 19275341
Conc: 94.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



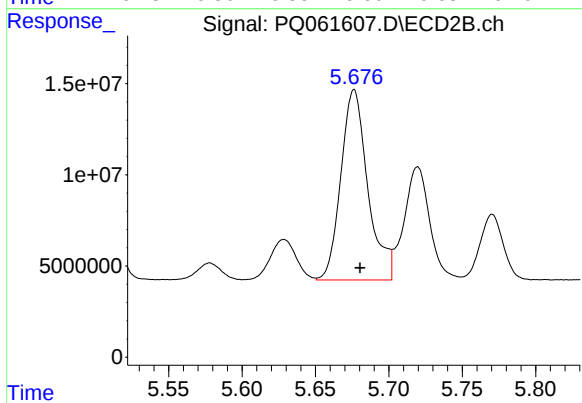
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 6906096
Conc: 48.07 ng/ml



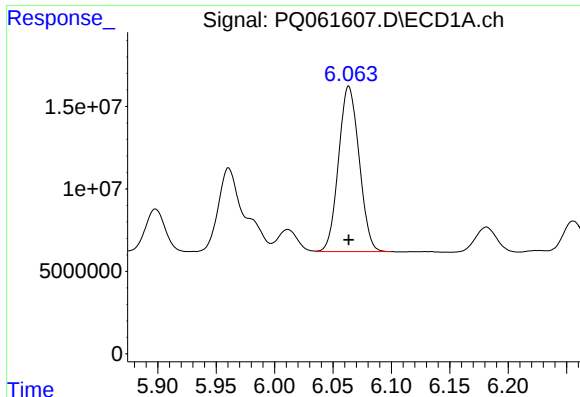
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 179059019
Conc: 759.10 ng/ml



#30 AR-1254-5

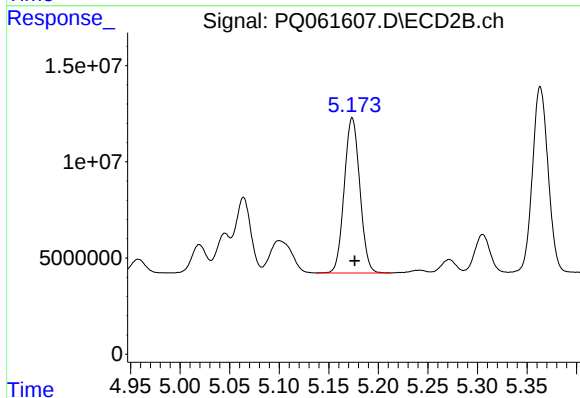
R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 133116598
Conc: 583.56 ng/ml



#31 AR-1260-1

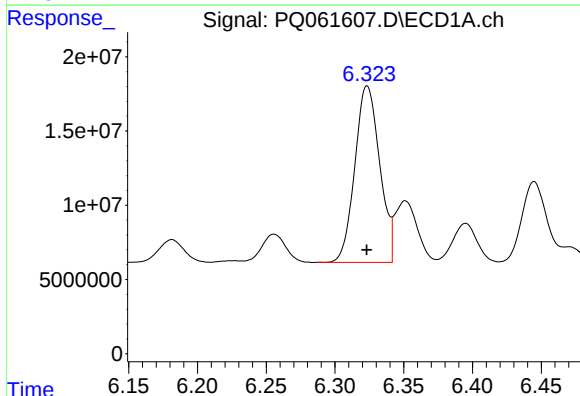
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 123079104
Conc: 553.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



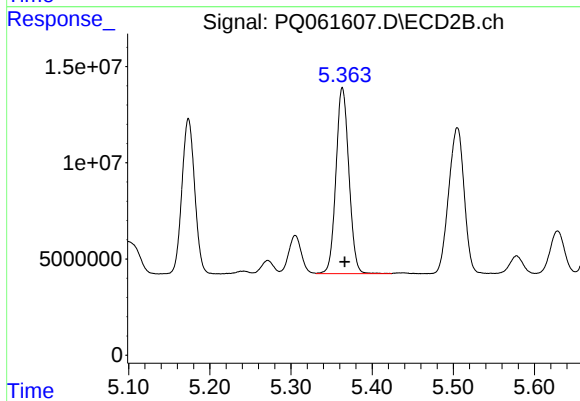
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 88279658
Conc: 513.23 ng/ml



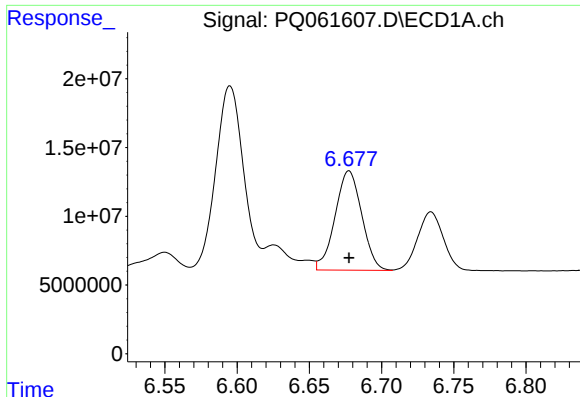
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 149462652
Conc: 561.80 ng/ml



#32 AR-1260-2

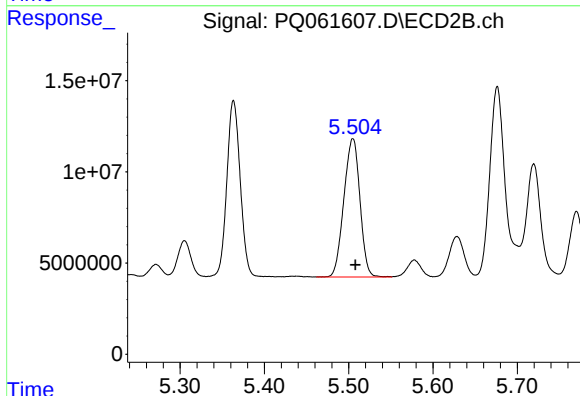
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 106939260
Conc: 516.03 ng/ml



#33 AR-1260-3

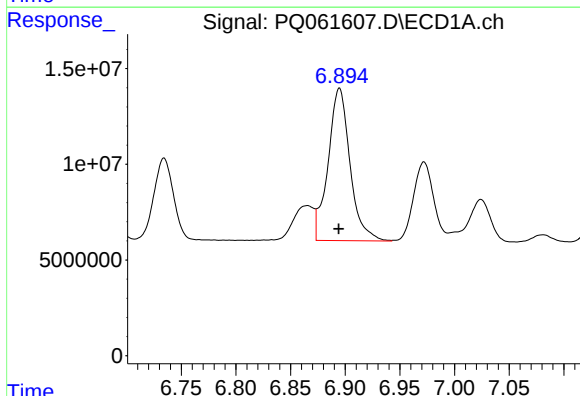
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 92892294
Conc: 552.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



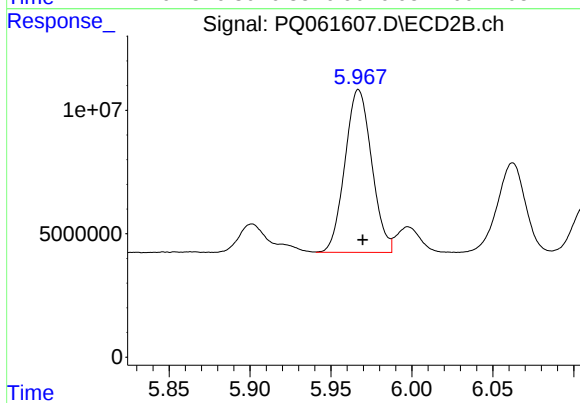
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 100391875
Conc: 505.46 ng/ml



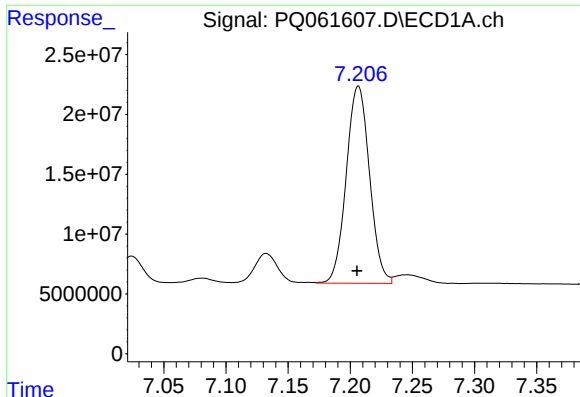
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 111277886
Conc: 554.46 ng/ml



#34 AR-1260-4

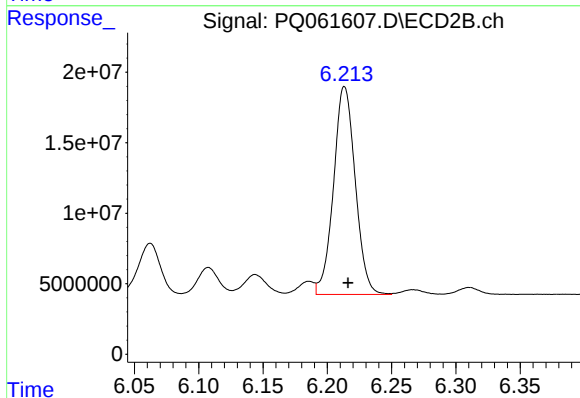
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 75803028
Conc: 515.30 ng/ml



#35 AR-1260-5

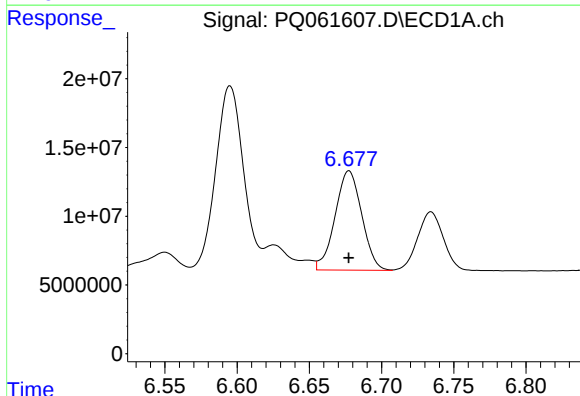
R.T.: 7.207 min
Delta R.T.: 0.001 min
Response: 214734107
Conc: 564.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



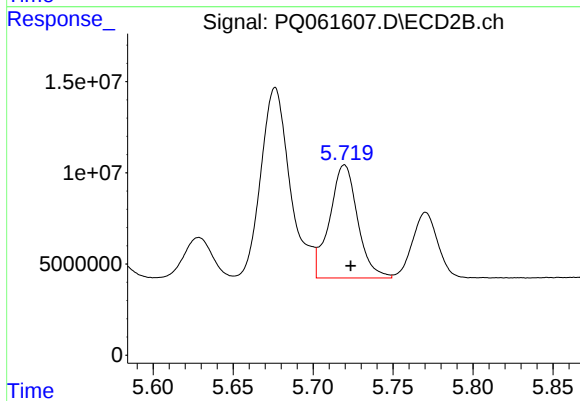
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 173607625
Conc: 534.65 ng/ml



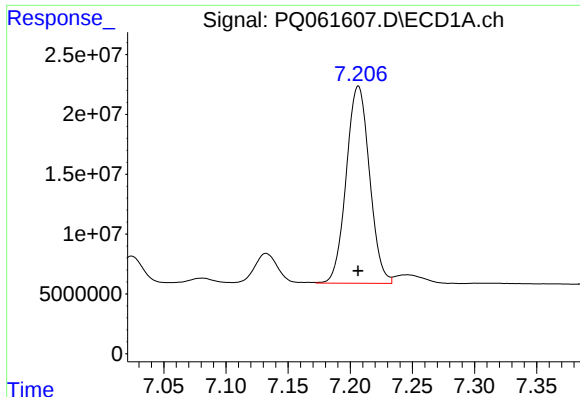
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 92892294
Conc: 310.26 ng/ml



#36 AR-1262-1

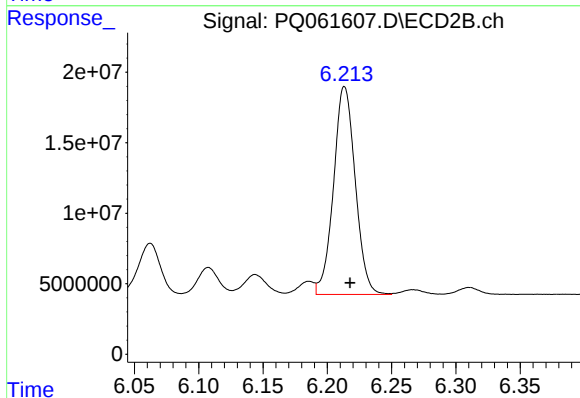
R.T.: 5.720 min
Delta R.T.: -0.004 min
Response: 75665865
Conc: 312.22 ng/ml



#37 AR-1262-2

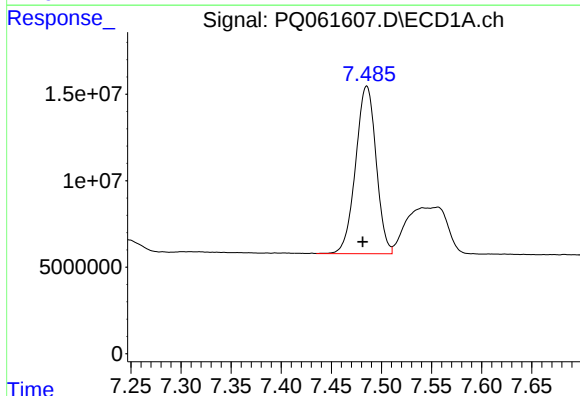
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 214734107
Conc: 425.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



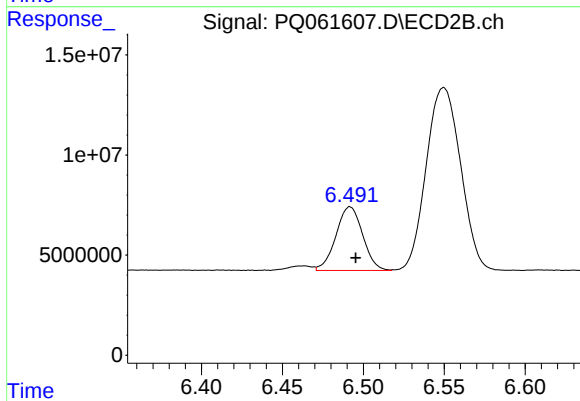
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 173607625
Conc: 397.23 ng/ml



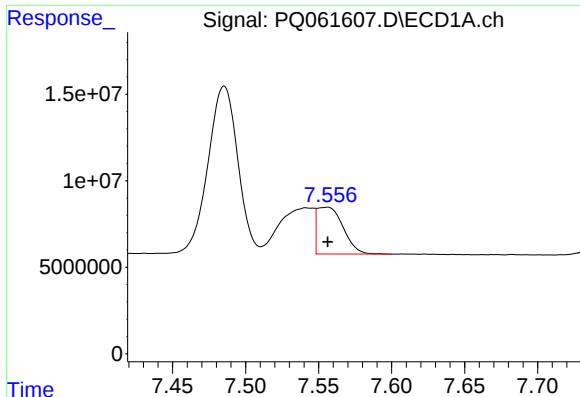
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.004 min
Response: 137686110
Conc: 407.42 ng/ml



#38 AR-1262-3

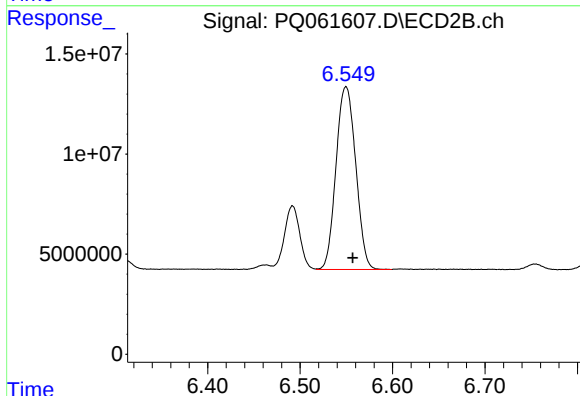
R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 36592784
Conc: 203.05 ng/ml



#39 AR-1262-4

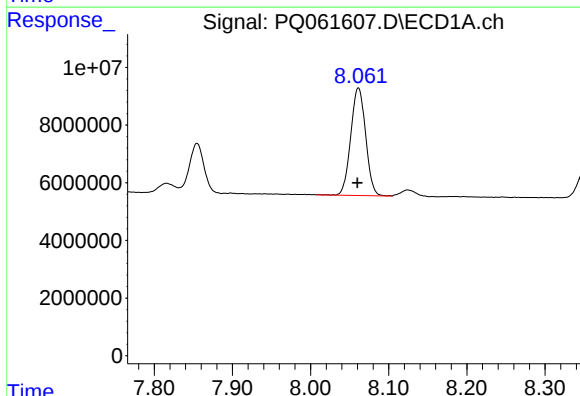
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 33420587
Conc: 130.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



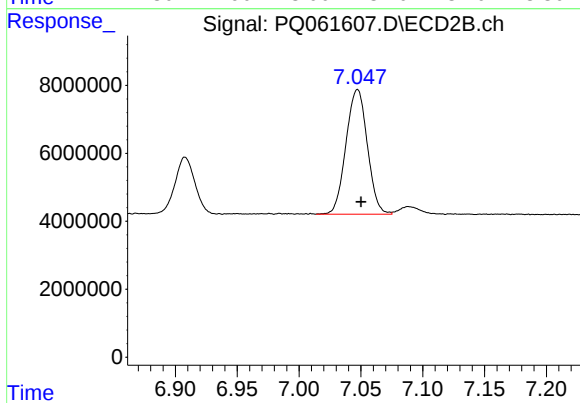
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.007 min
Response: 135398786
Conc: 408.28 ng/ml



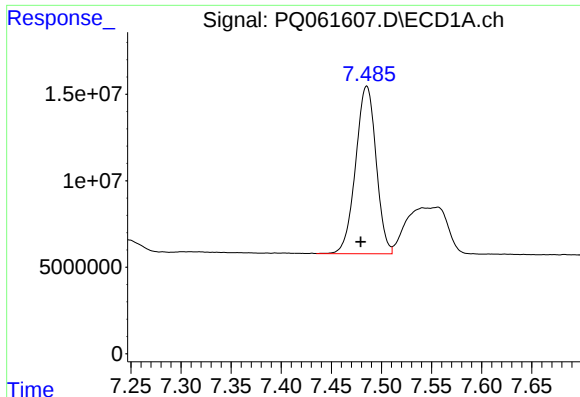
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.001 min
Response: 49368904
Conc: 289.88 ng/ml



#40 AR-1262-5

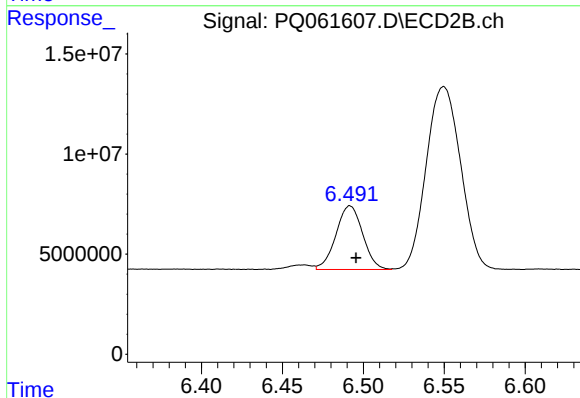
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 44187593
Conc: 275.45 ng/ml



#41 AR-1268-1

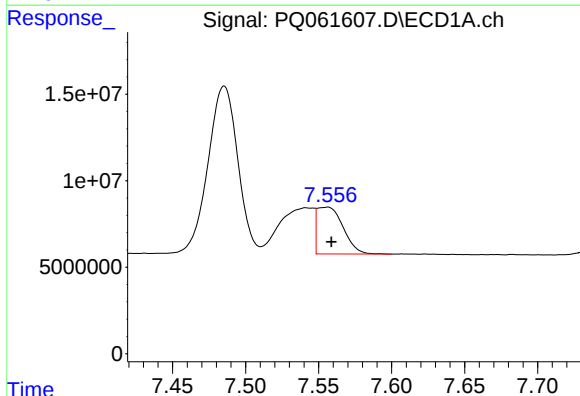
R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 137686110
Conc: 250.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



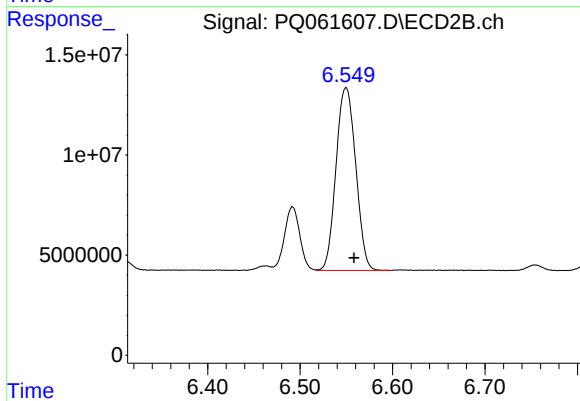
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 36592784
Conc: 74.48 ng/ml



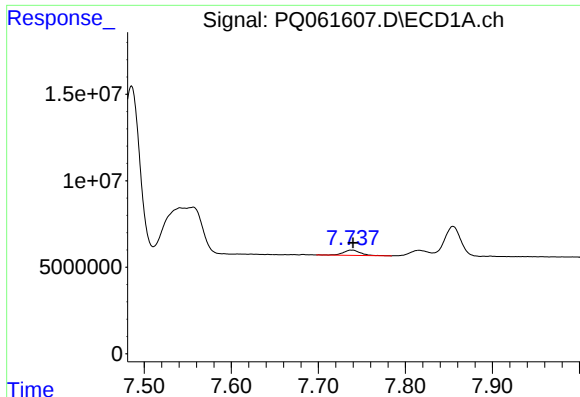
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 33420587
Conc: 67.83 ng/ml



#42 AR-1268-2

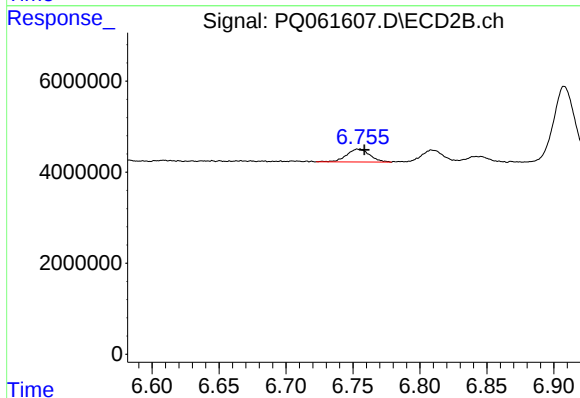
R.T.: 6.550 min
Delta R.T.: -0.009 min
Response: 135398786
Conc: 304.34 ng/ml



#43 AR-1268-3

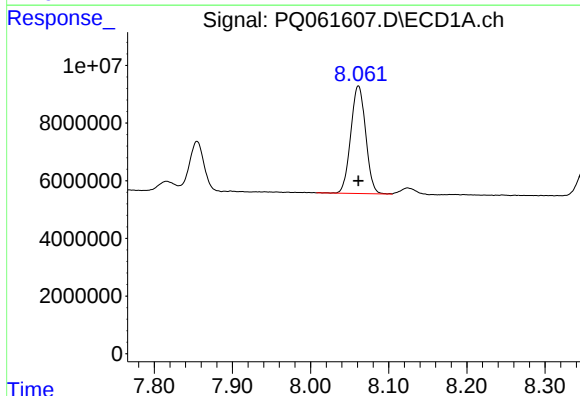
R.T.: 7.738 min
Delta R.T.: -0.002 min
Response: 4108002
Conc: 9.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



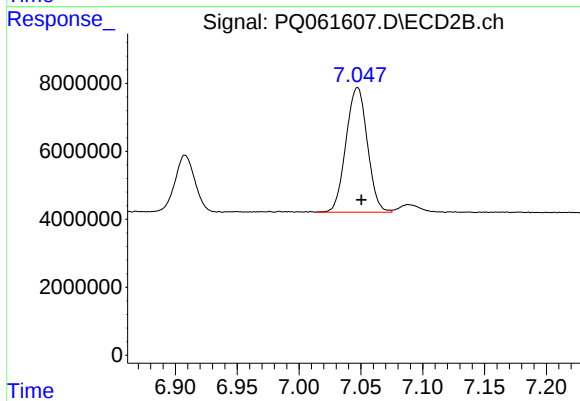
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 3419795
Conc: 8.74 ng/ml



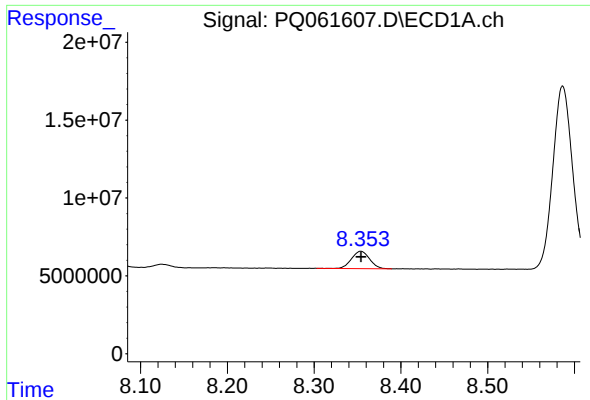
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 49368904
Conc: 278.91 ng/ml



#44 AR-1268-4

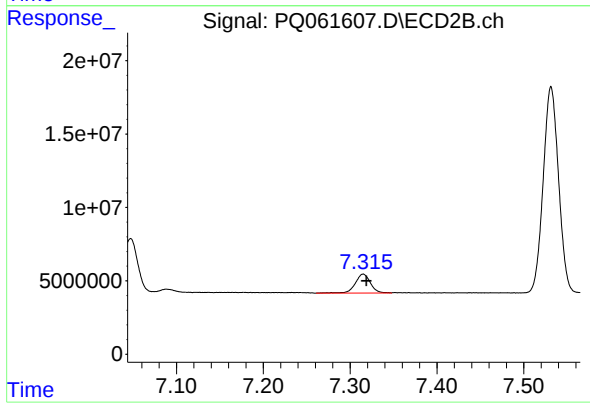
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 44187593
Conc: 263.21 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 16075534
Conc: 13.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 15722573
Conc: 12.68 ng/ml