

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070323\
 Data File : PQ061884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2023 15:19
 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: Jul 04 05:50:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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	246.4E6	126.9E6	50.517	50.564
2)	SA Decachlor...	8.586	7.529	176.6E6	159.8E6	48.604	47.968
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	80964013	47259411	491.531	477.486
4)	L1 AR-1016-2	4.525	3.776	121.5E6	70594278	491.544	489.562
5)	L1 AR-1016-3	4.582	3.936	72768415	36668549	477.465	486.045
6)	L1 AR-1016-4	4.674	3.985	60009626	31318495	478.755	476.841
7)	L1 AR-1016-5	4.960	4.180	58090369	39774526	477.258	485.164
8)	L2 AR-1221-1	3.602	2.960	8156143	4778065	135.692	144.805
9)	L2 AR-1221-2	3.684	3.036	11625217	6553756	258.725	258.021
10)	L2 AR-1221-3	3.754	3.105	43058755	24578348	306.428	318.823
11)	L3 AR-1232-1	3.754	3.105	43058755	24578348	407.748	428.952
12)	L3 AR-1232-2	4.247	3.776	60095492	70594278	1015.965	1060.692
13)	L3 AR-1232-3	4.525	3.936	121.5E6	36668549	1074.837	1061.166
14)	L3 AR-1232-4	4.674	4.022	60009626	35165922	1058.998	1182.452
15)	L3 AR-1232-5	4.771	4.180	46213869	39774526	1153.904	1115.356
16)	L4 AR-1242-1	4.505	3.761	80964013	47259411	619.445	611.068
17)	L4 AR-1242-2	4.525	3.776	121.5E6	70594278	626.065	635.077
18)	L4 AR-1242-3	4.582	3.936	72768415	36668549	602.168	625.999
19)	L4 AR-1242-4	4.674	4.022	60009626	35165922	615.573	599.813
20)	L4 AR-1242-5	5.391	4.515	7671421	31536765	80.136	380.453 #
21)	L5 AR-1248-1	4.505	3.761	80964013	47259411	778.660	755.904
22)	L5 AR-1248-2	4.771	3.985	46213869	31318495	321.684	333.997
23)	L5 AR-1248-3	4.960	4.022	58090369	35165922	334.405	388.386
24)	L5 AR-1248-4	5.354	4.180	9154366	39774526	47.696	352.488 #
25)	L5 AR-1248-5	5.391	4.553	7671421	4781231	42.355	42.677
26)	L6 AR-1254-1	5.327	4.515	44760698	31536765	240.880	195.319
27)	L6 AR-1254-2	5.545	4.662	50855789	31287452	174.935	212.515
28)	L6 AR-1254-3	5.898	5.045	26634319	16201018	86.717	69.324
29)	L6 AR-1254-4	6.182	5.271	16722193	6596566	72.018	43.281 #
30)	L6 AR-1254-5	6.595	5.675	164.9E6	128.0E6	642.051	554.790
31)	L7 AR-1260-1	6.063	5.172	114.0E6	81074381	483.140	486.778
32)	L7 AR-1260-2	6.324	5.363	136.3E6	101.4E6	471.935	487.681
33)	L7 AR-1260-3	6.677	5.503	84233464	97293700	477.037	500.074
34)	L7 AR-1260-4	6.894	5.966	99130387	70311357	470.593	482.042
35)	L7 AR-1260-5	7.206	6.212	199.3E6	164.9E6	485.344	496.612
36)	L8 AR-1262-1	6.677	5.718	84233464	71373053	276.228	307.018
37)	L8 AR-1262-2	7.206	5.966	199.3E6	70311357	378.358	325.203
38)	L8 AR-1262-3	7.484	6.490	125.8E6	33501856	357.211	192.177 #
39)	L8 AR-1262-4	7.554	6.548	31028130	126.4E6	116.332	392.275 #
40)	L8 AR-1262-5	8.061	7.045	45076302	40507490	253.938	261.145
41)	L9 AR-1268-1	7.484	6.490	125.8E6	33501856	221.764	71.199 #

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 ALS Vial : 3 Sample Multiplier: 1

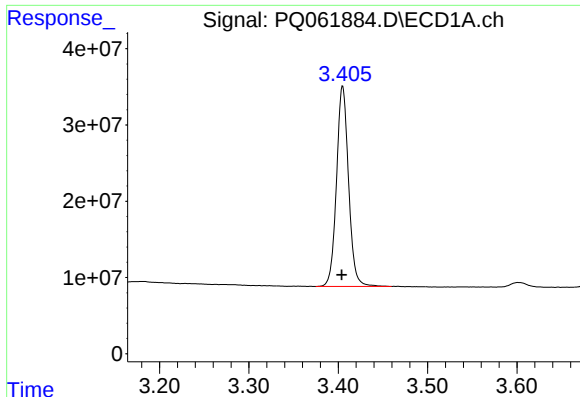
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 05:50:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	7.554	6.548	31028130	126.4E6	60.855	298.389 #
43) L9	AR-1268-3	7.737	6.752	3369241	3321711	7.895	9.019
44) L9	AR-1268-4	8.061	7.045	45076302	40507490	246.339	253.273
45) L9	AR-1268-5	8.353	7.313	14418214	14181927	11.436	12.153

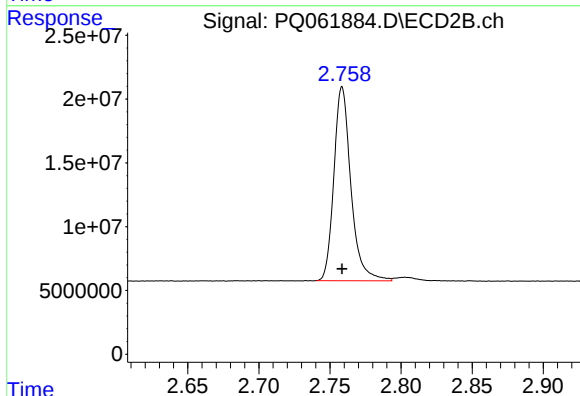
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

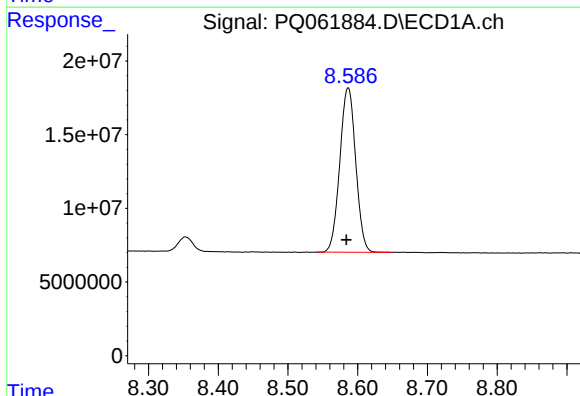
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 246430300
Conc: 50.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



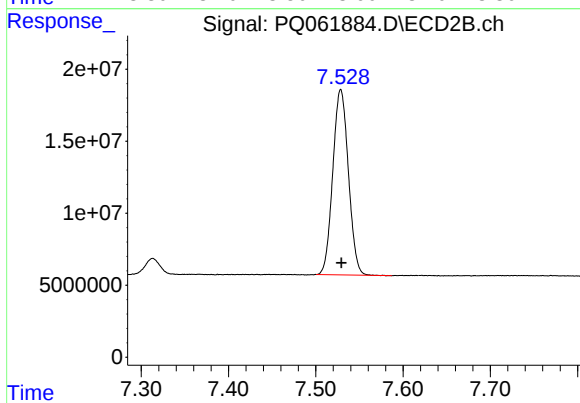
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 126869357
Conc: 50.56 ng/ml



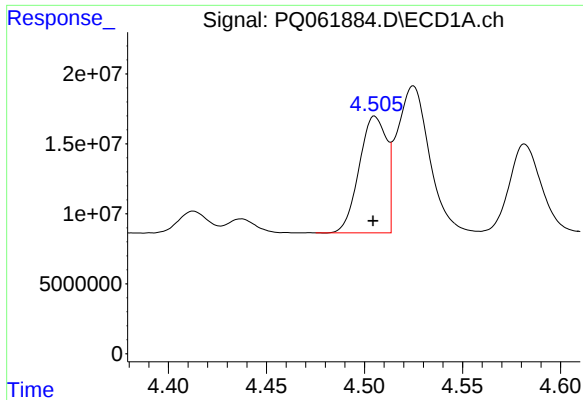
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 176567984
Conc: 48.60 ng/ml



#2 Decachlorobiphenyl

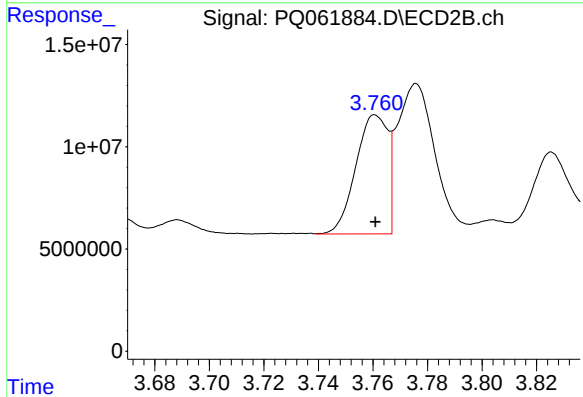
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 159839519
Conc: 47.97 ng/ml



#3 AR-1016-1

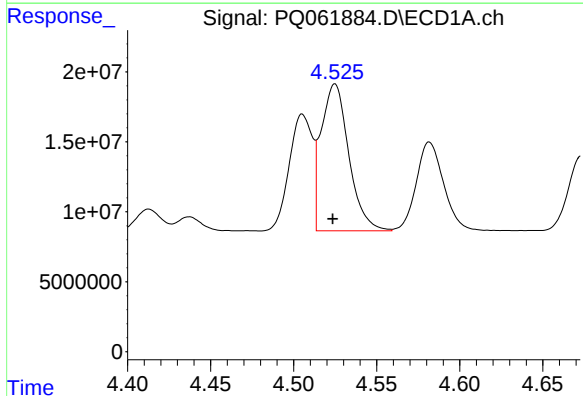
R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 80964013
Conc: 491.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



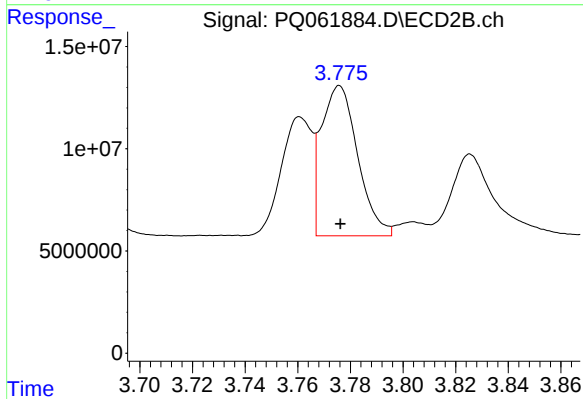
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47259411
Conc: 477.49 ng/ml



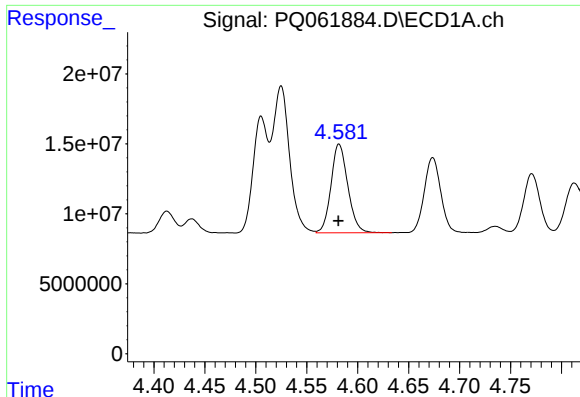
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 121543221
Conc: 491.54 ng/ml



#4 AR-1016-2

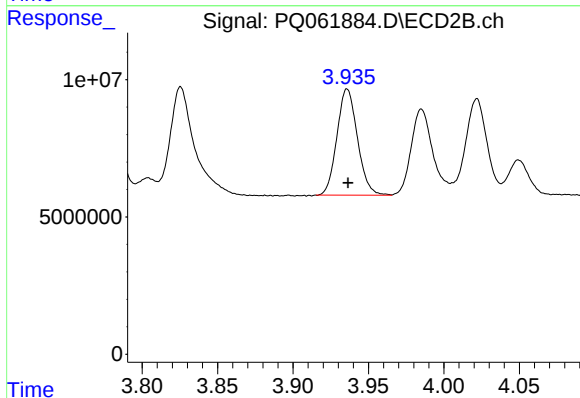
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 70594278
Conc: 489.56 ng/ml



#5 AR-1016-3

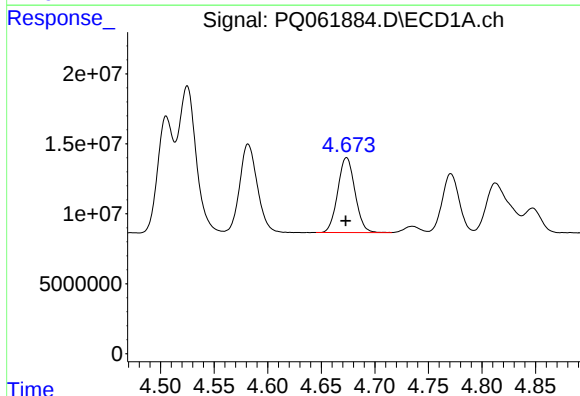
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 72768415
Conc: 477.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



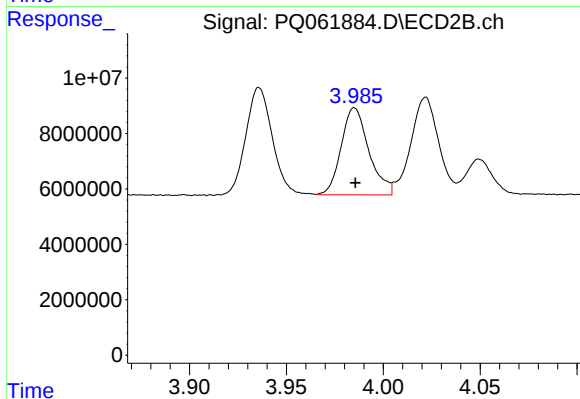
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36668549
Conc: 486.05 ng/ml



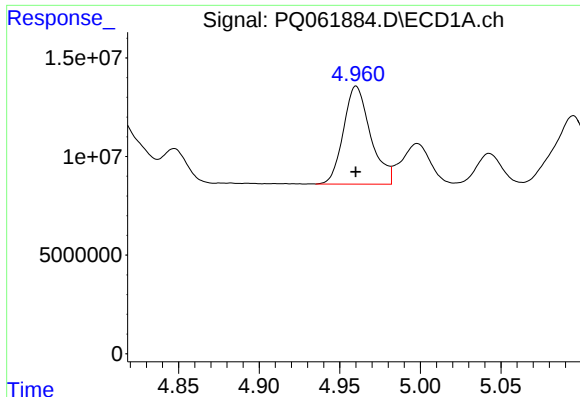
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 60009626
Conc: 478.75 ng/ml



#6 AR-1016-4

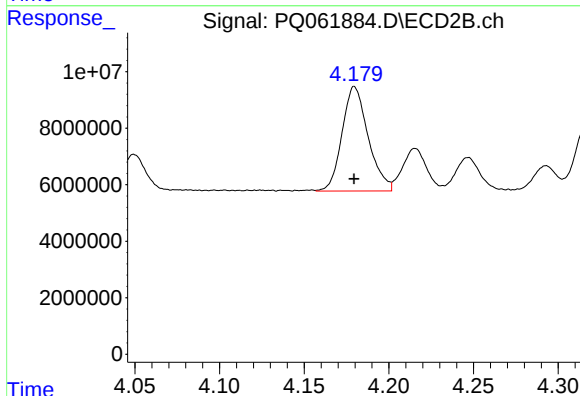
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 31318495
Conc: 476.84 ng/ml



#7 AR-1016-5

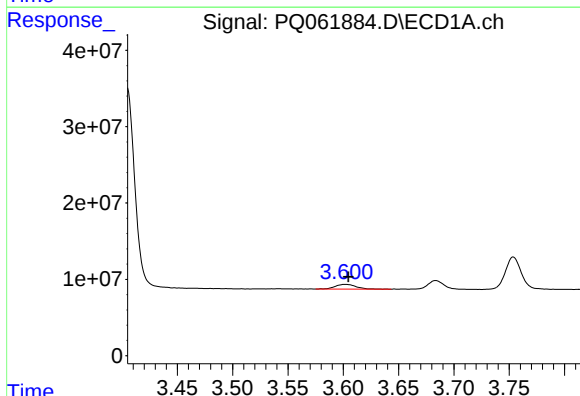
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58090369
Conc: 477.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



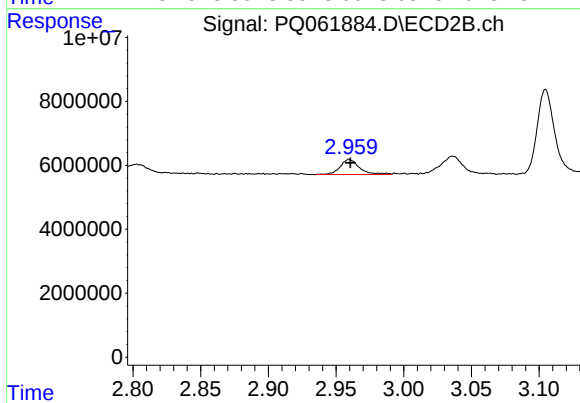
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 39774526
Conc: 485.16 ng/ml



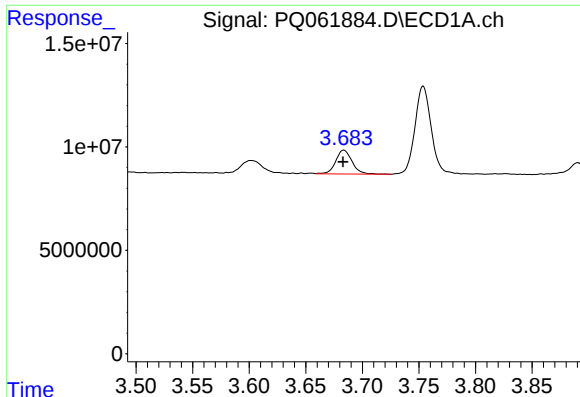
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 8156143
Conc: 135.69 ng/ml



#8 AR-1221-1

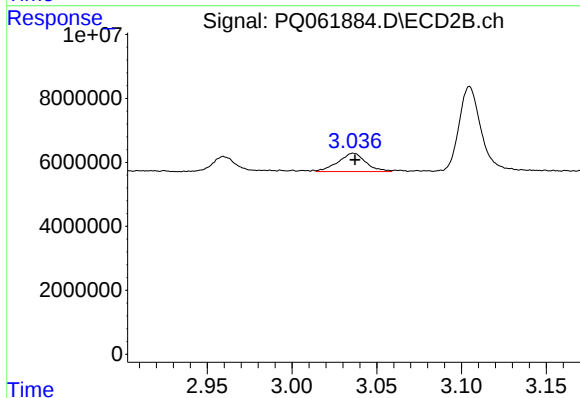
R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 4778065
Conc: 144.81 ng/ml



#9 AR-1221-2

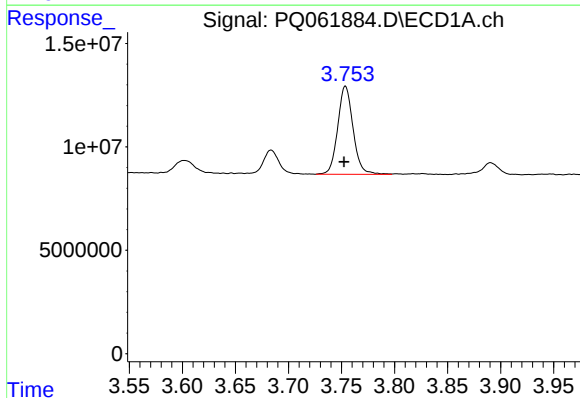
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 11625217
Conc: 258.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



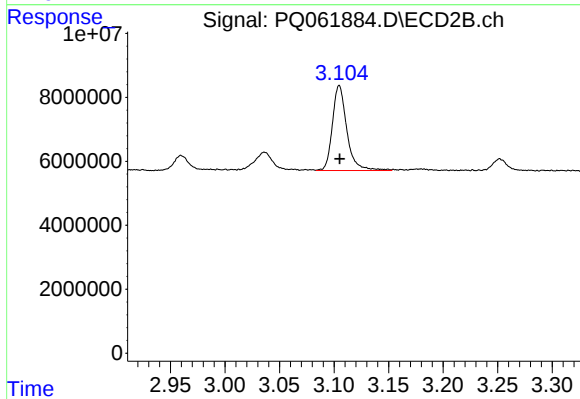
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: -0.001 min
Response: 6553756
Conc: 258.02 ng/ml



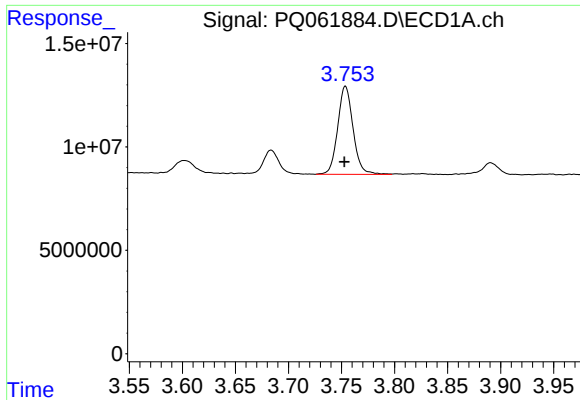
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 43058755
Conc: 306.43 ng/ml



#10 AR-1221-3

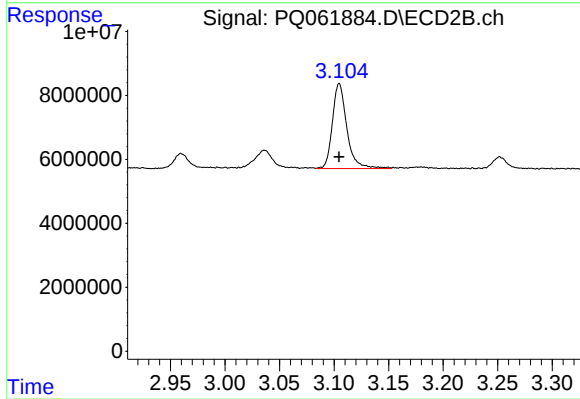
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 24578348
Conc: 318.82 ng/ml



#11 AR-1232-1

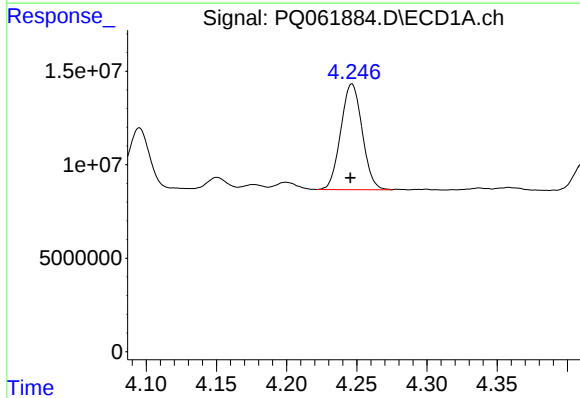
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 43058755
Conc: 407.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



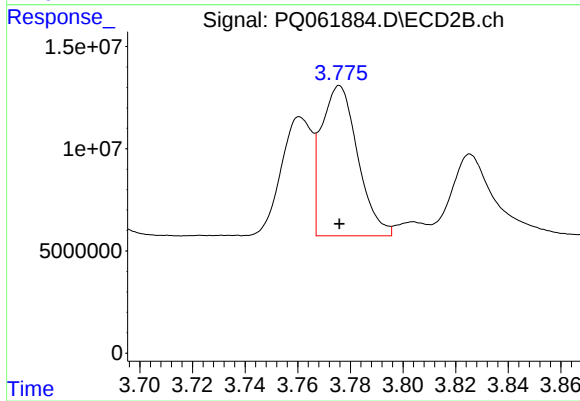
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 24578348
Conc: 428.95 ng/ml



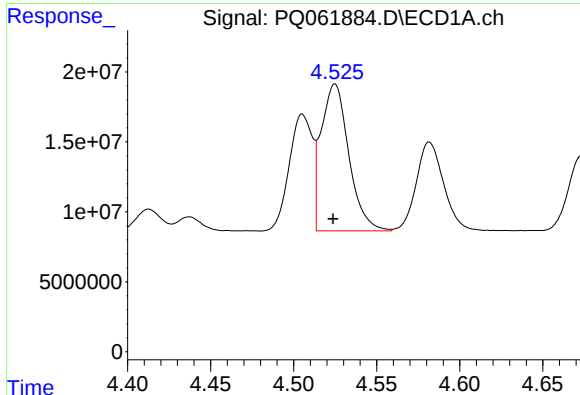
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.001 min
Response: 60095492
Conc: 1015.97 ng/ml



#12 AR-1232-2

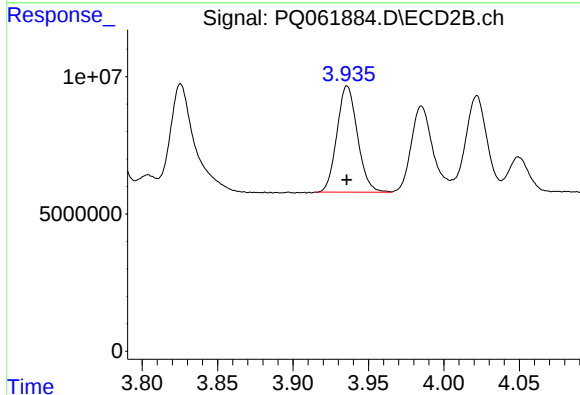
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 70594278
Conc: 1060.69 ng/ml



#13 AR-1232-3

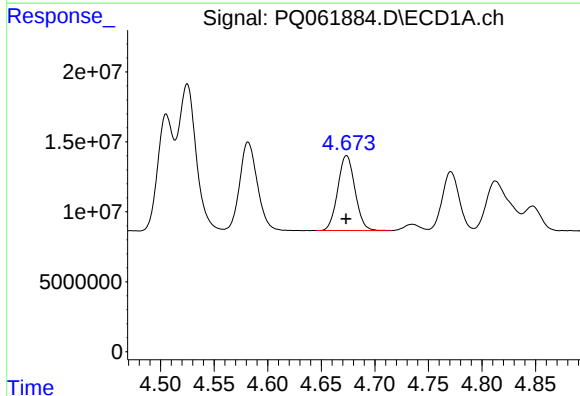
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 121543221
Conc: 1074.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



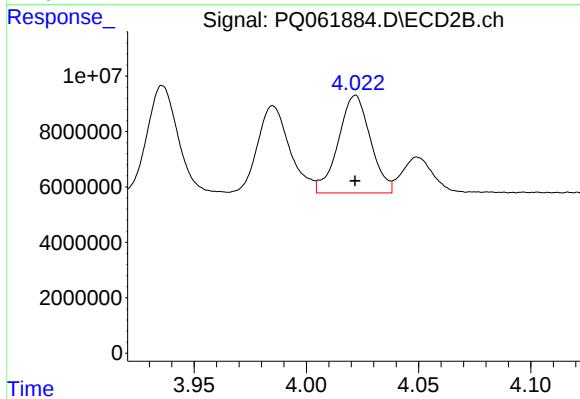
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36668549
Conc: 1061.17 ng/ml



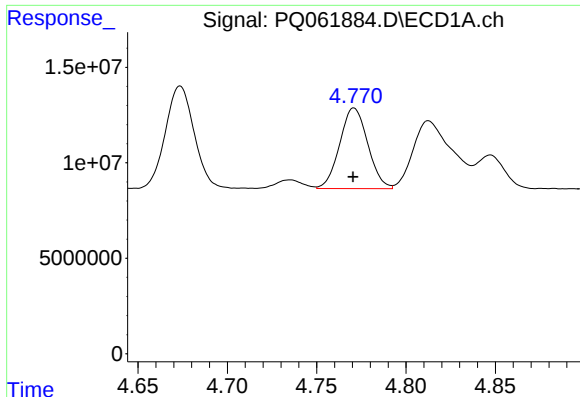
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 60009626
Conc: 1059.00 ng/ml



#14 AR-1232-4

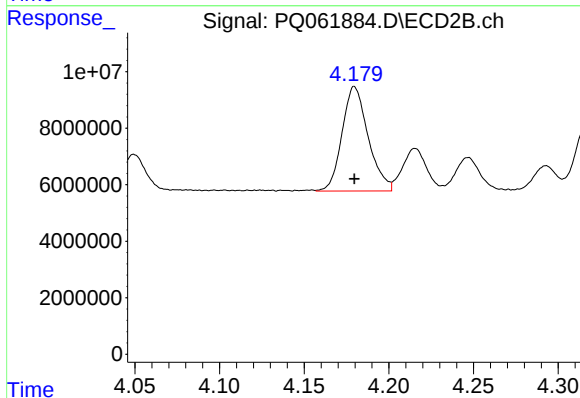
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35165922
Conc: 1182.45 ng/ml



#15 AR-1232-5

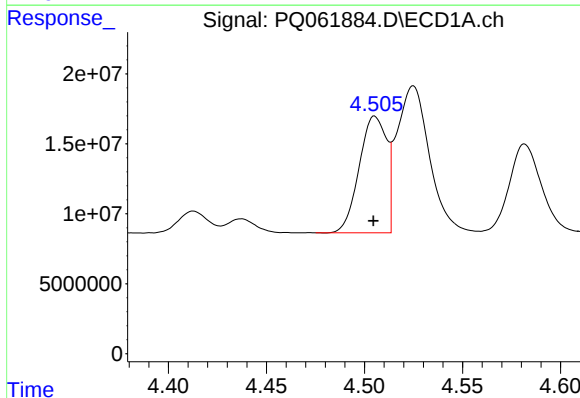
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 46213869
Conc: 1153.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



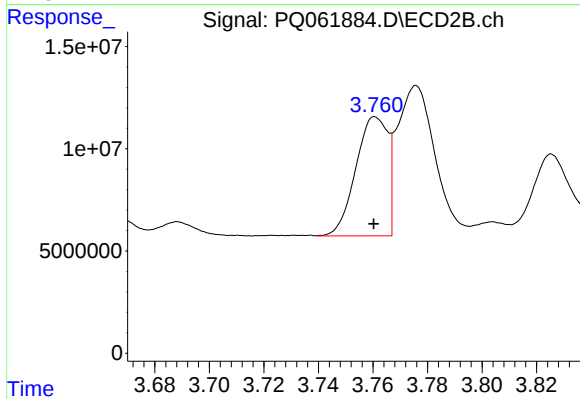
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 39774526
Conc: 1115.36 ng/ml



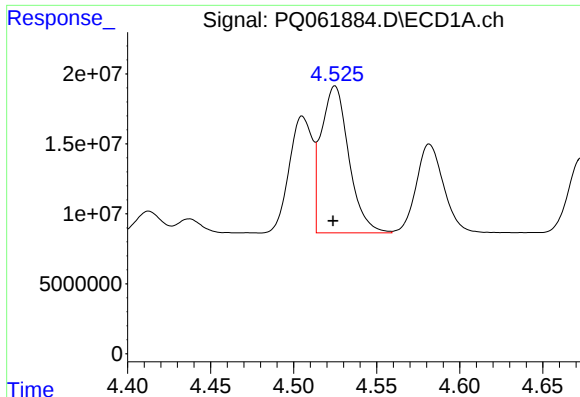
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 80964013
Conc: 619.45 ng/ml



#16 AR-1242-1

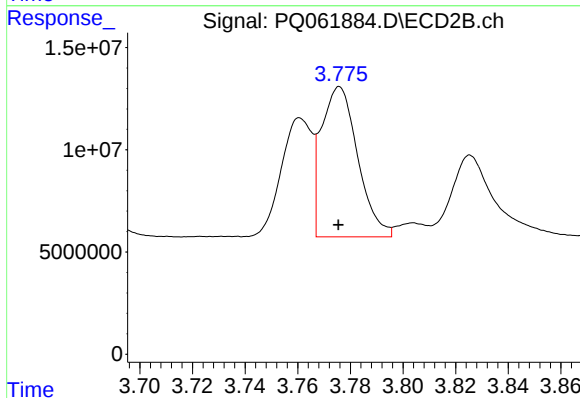
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47259411
Conc: 611.07 ng/ml



#17 AR-1242-2

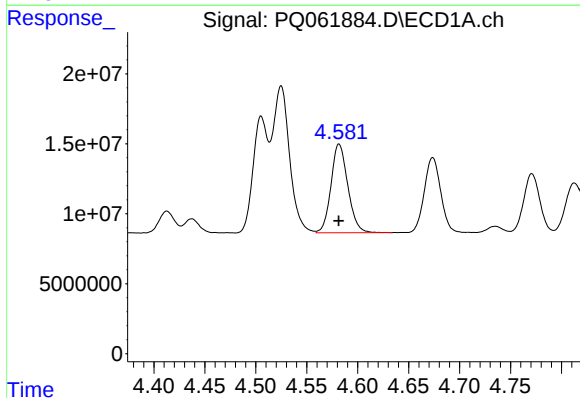
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 121543221
Conc: 626.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



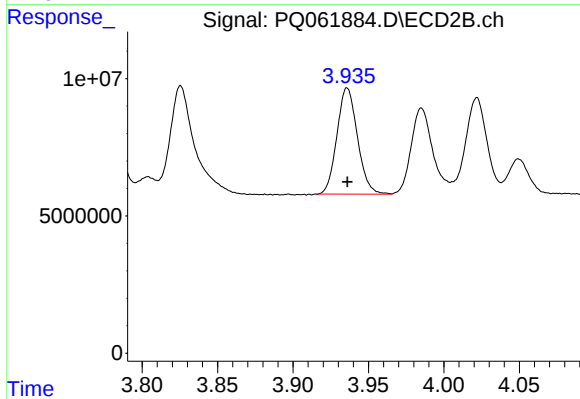
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 70594278
Conc: 635.08 ng/ml



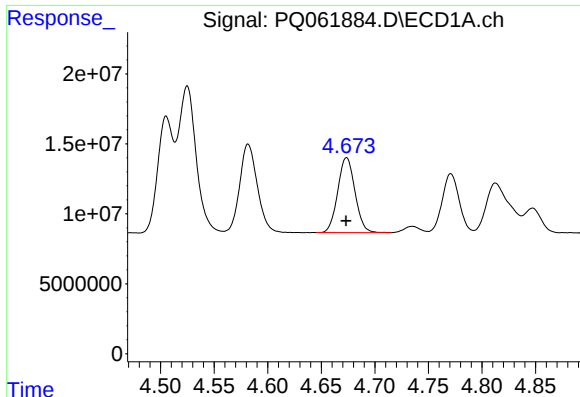
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 72768415
Conc: 602.17 ng/ml



#18 AR-1242-3

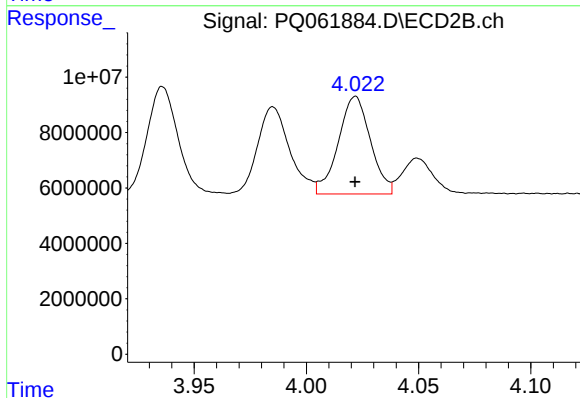
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36668549
Conc: 626.00 ng/ml



#19 AR-1242-4

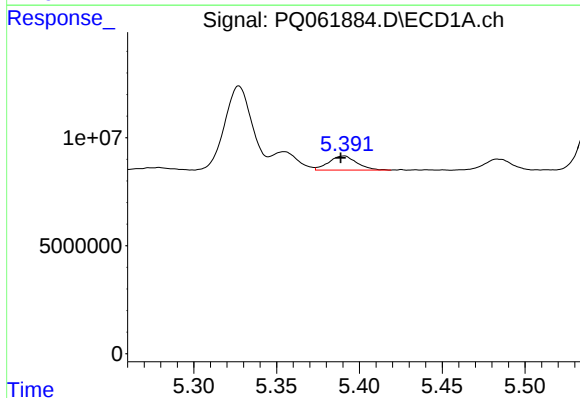
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 60009626
Conc: 615.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



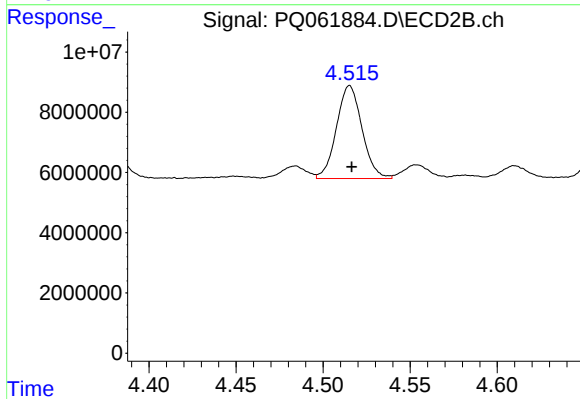
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35165922
Conc: 599.81 ng/ml



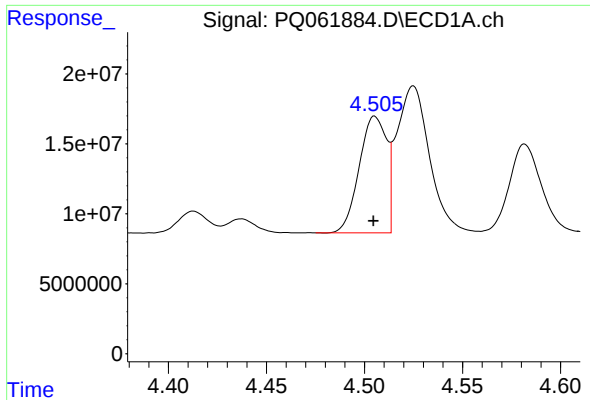
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 7671421
Conc: 80.14 ng/ml



#20 AR-1242-5

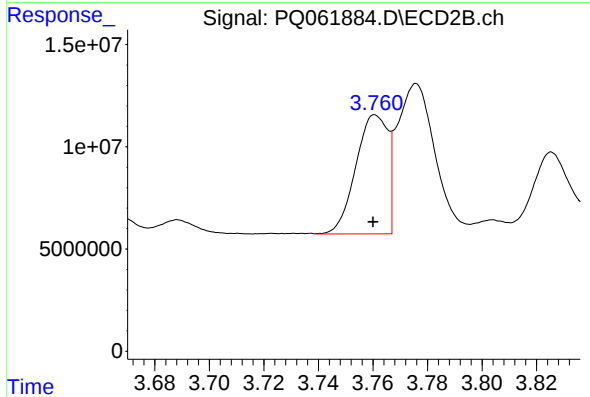
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 31536765
Conc: 380.45 ng/ml



#21 AR-1248-1

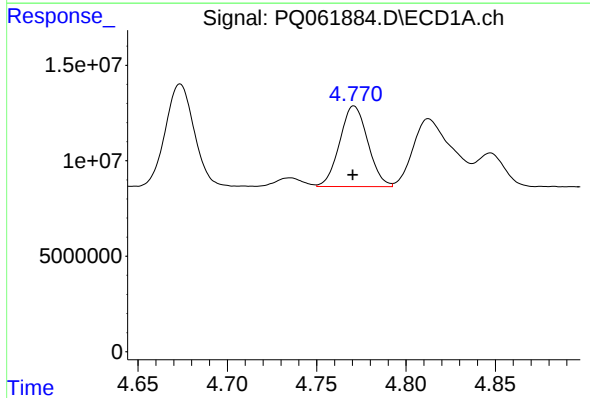
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 80964013
Conc: 778.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



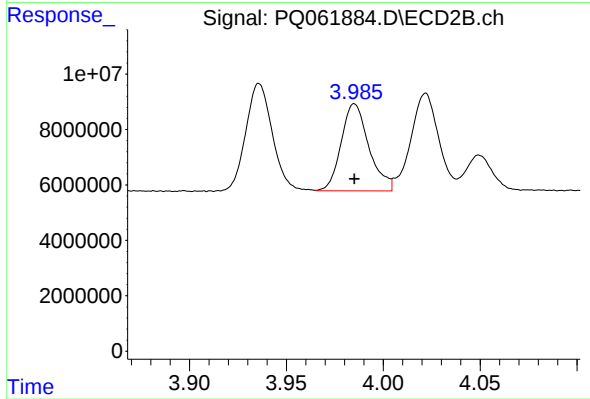
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47259411
Conc: 755.90 ng/ml



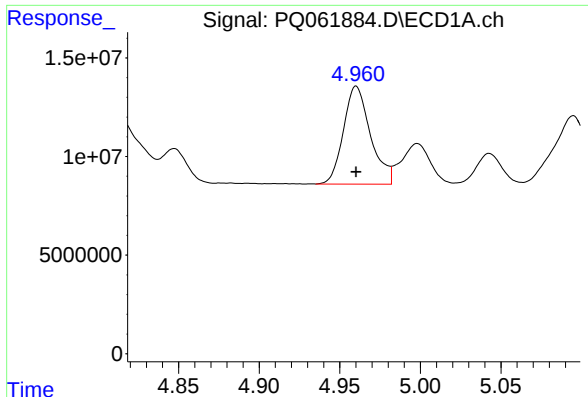
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 46213869
Conc: 321.68 ng/ml



#22 AR-1248-2

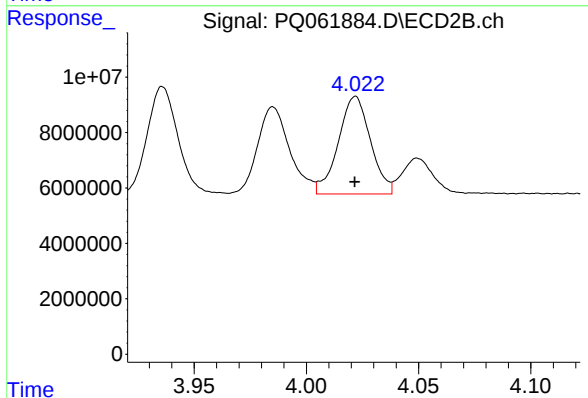
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 31318495
Conc: 334.00 ng/ml



#23 AR-1248-3

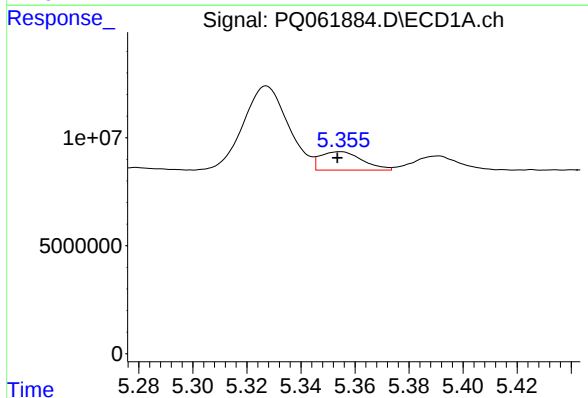
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58090369
Conc: 334.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



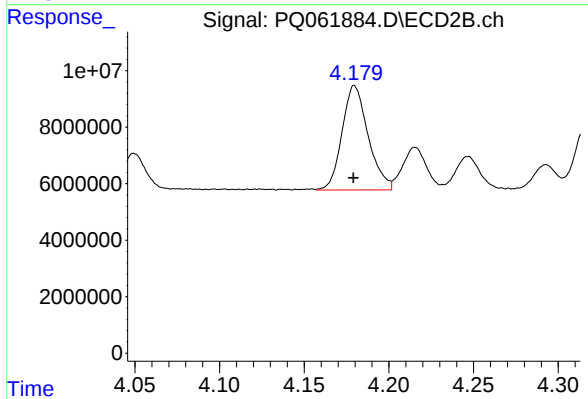
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 35165922
Conc: 388.39 ng/ml



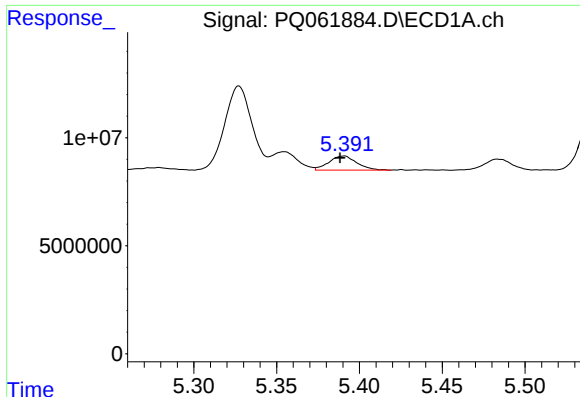
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 9154366
Conc: 47.70 ng/ml



#24 AR-1248-4

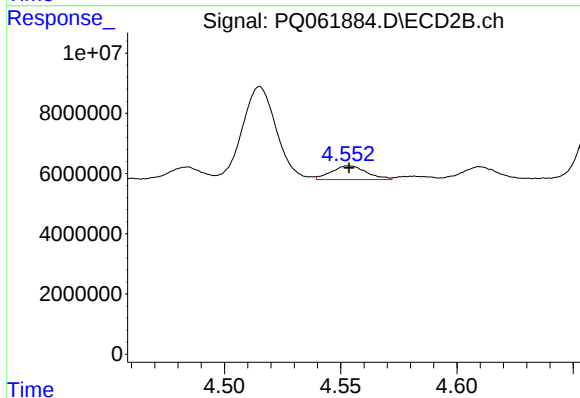
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 39774526
Conc: 352.49 ng/ml



#25 AR-1248-5

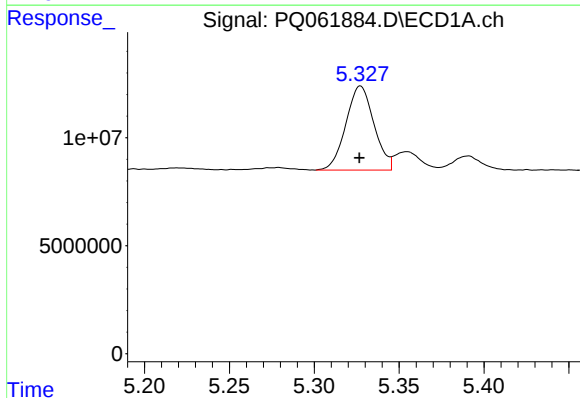
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 7671421
Conc: 42.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



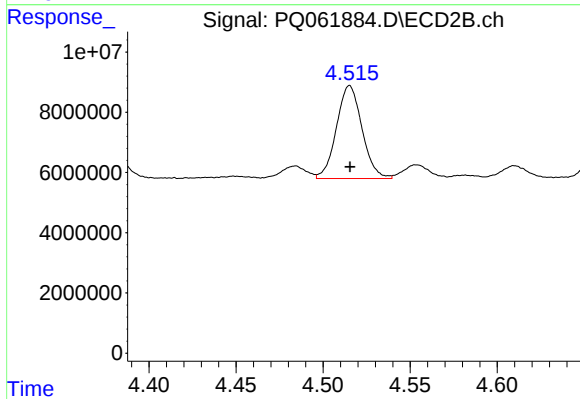
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 4781231
Conc: 42.68 ng/ml



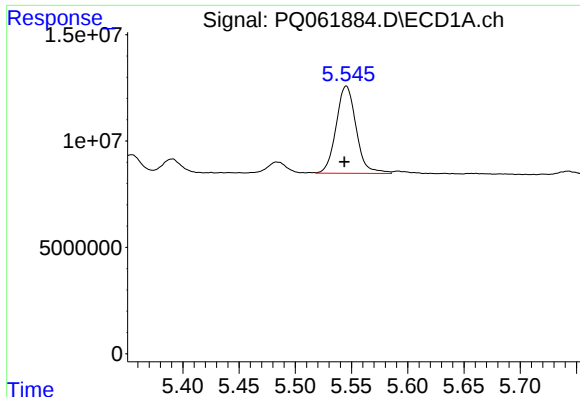
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 44760698
Conc: 240.88 ng/ml



#26 AR-1254-1

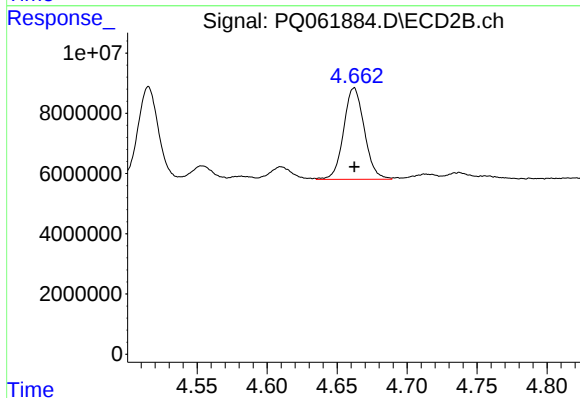
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 31536765
Conc: 195.32 ng/ml



#27 AR-1254-2

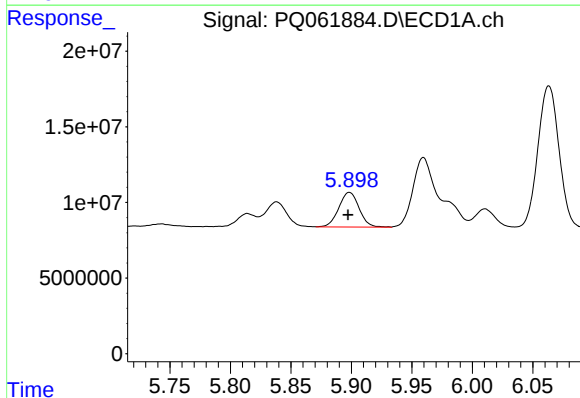
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 50855789
Conc: 174.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



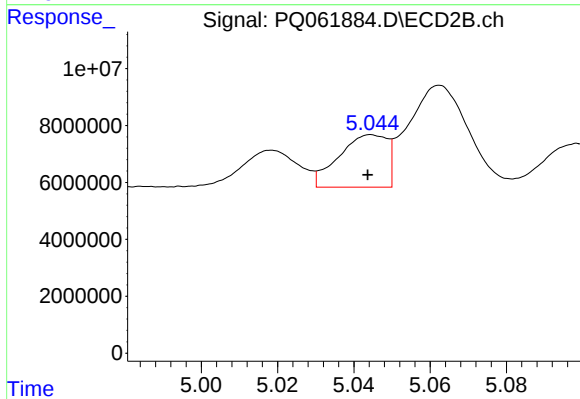
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 31287452
Conc: 212.52 ng/ml



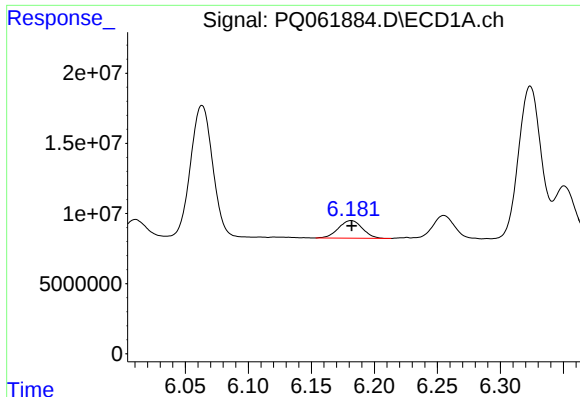
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 26634319
Conc: 86.72 ng/ml



#28 AR-1254-3

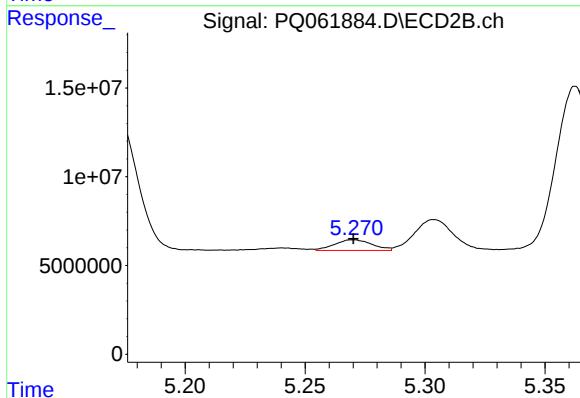
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 16201018
Conc: 69.32 ng/ml



#29 AR-1254-4

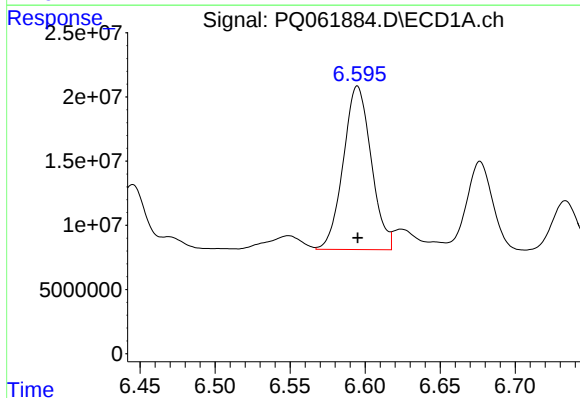
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 16722193
Conc: 72.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



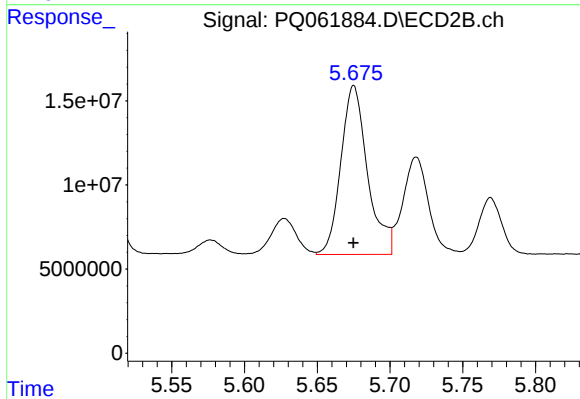
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 6596566
Conc: 43.28 ng/ml



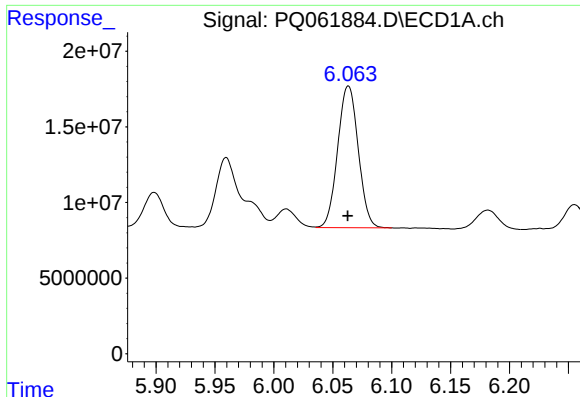
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 164923740
Conc: 642.05 ng/ml



#30 AR-1254-5

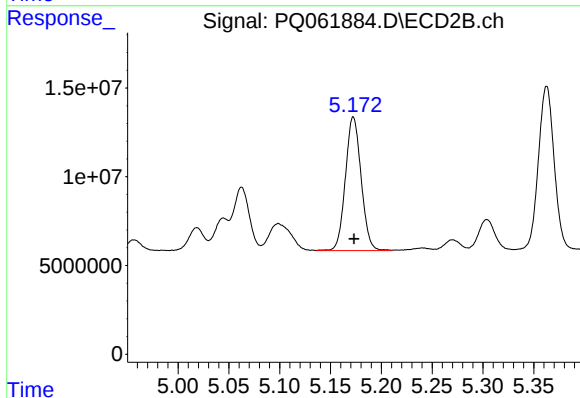
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 128043515
Conc: 554.79 ng/ml



#31 AR-1260-1

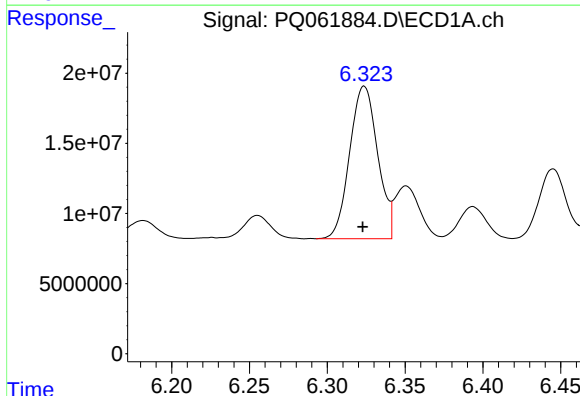
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 113987925
Conc: 483.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



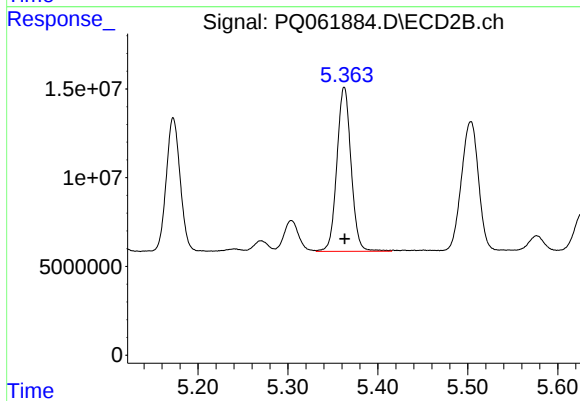
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 81074381
Conc: 486.78 ng/ml



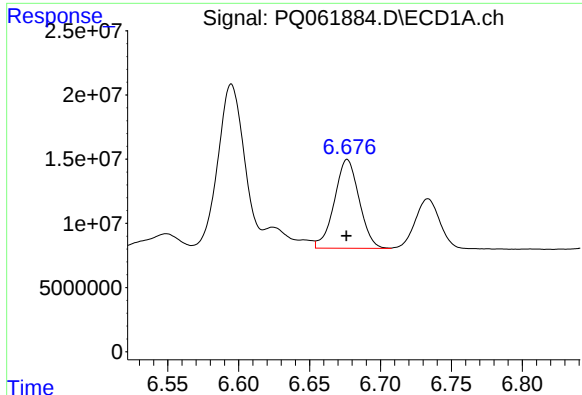
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 136300643
Conc: 471.93 ng/ml



#32 AR-1260-2

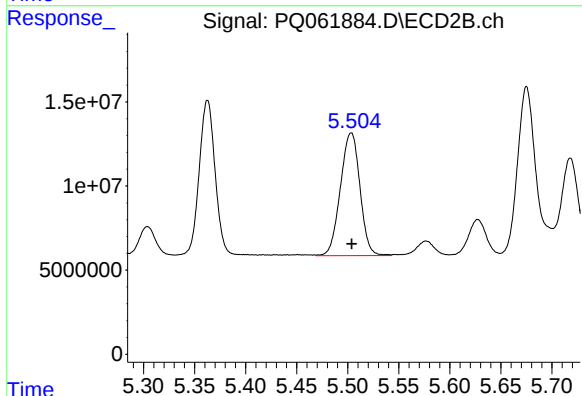
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 101411362
Conc: 487.68 ng/ml



#33 AR-1260-3

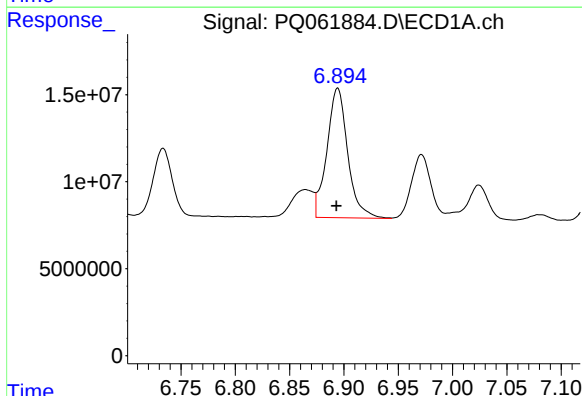
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 84233464
Conc: 477.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



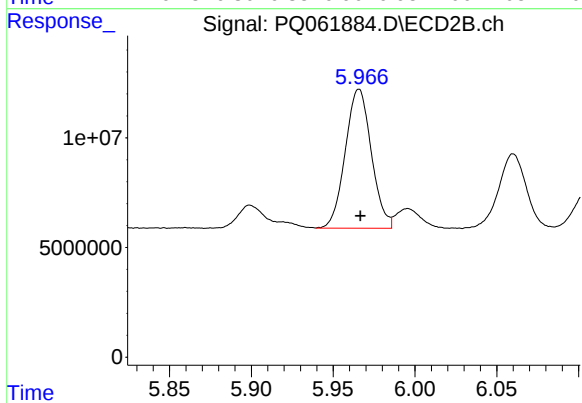
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 97293700
Conc: 500.07 ng/ml



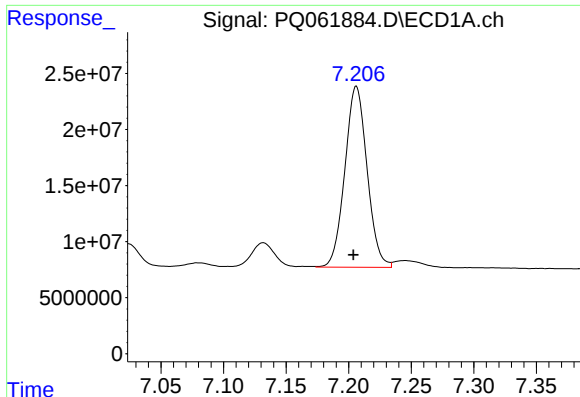
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 99130387
Conc: 470.59 ng/ml



#34 AR-1260-4

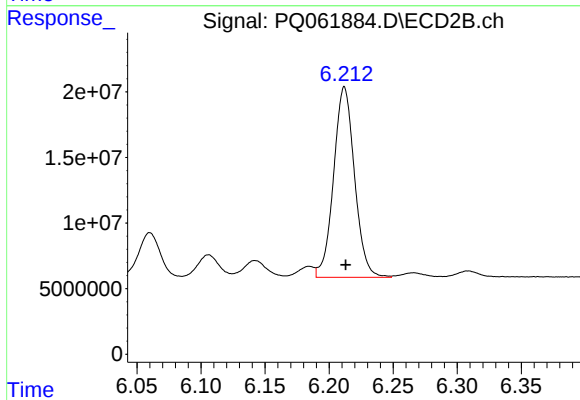
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 70311357
Conc: 482.04 ng/ml



#35 AR-1260-5

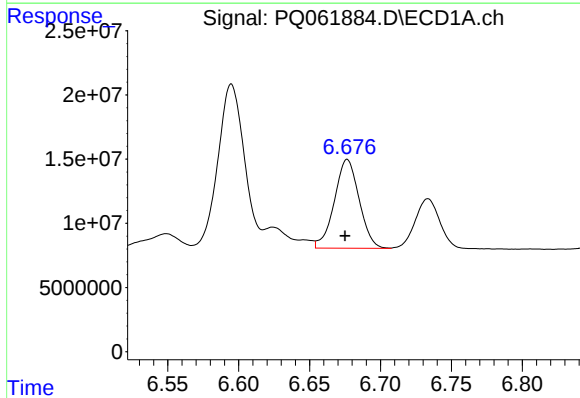
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 199286548
Conc: 485.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



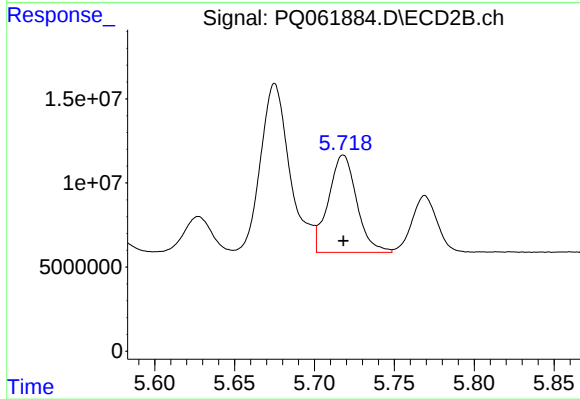
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 164904384
Conc: 496.61 ng/ml



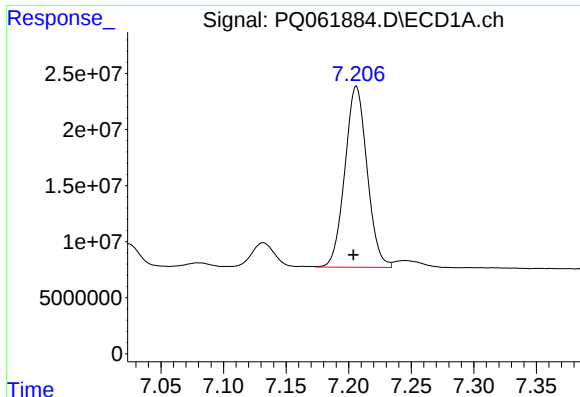
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 84233464
Conc: 276.23 ng/ml



#36 AR-1262-1

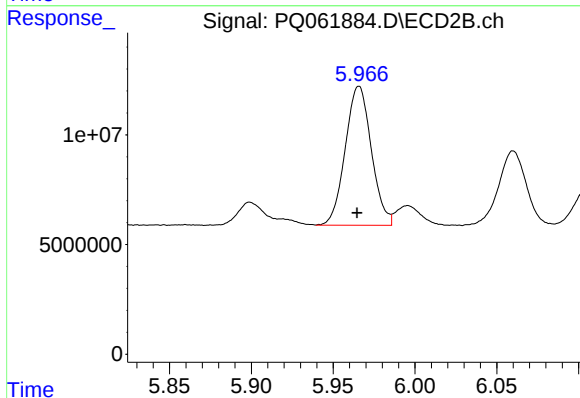
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 71373053
Conc: 307.02 ng/ml



#37 AR-1262-2

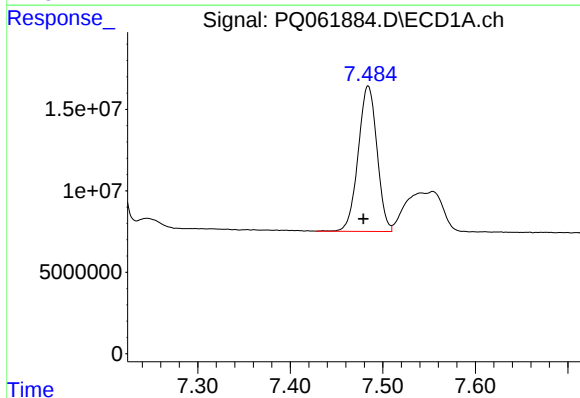
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 199286548
Conc: 378.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



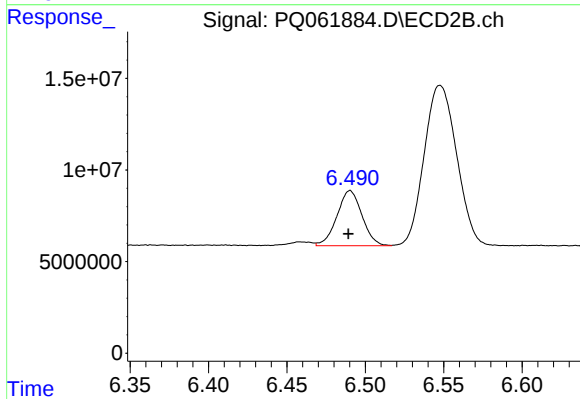
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 70311357
Conc: 325.20 ng/ml



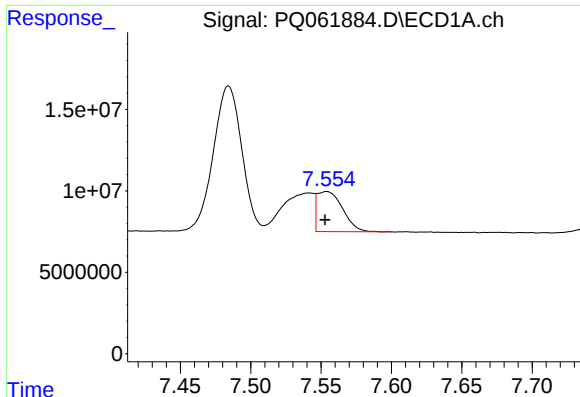
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 125846491
Conc: 357.21 ng/ml



#38 AR-1262-3

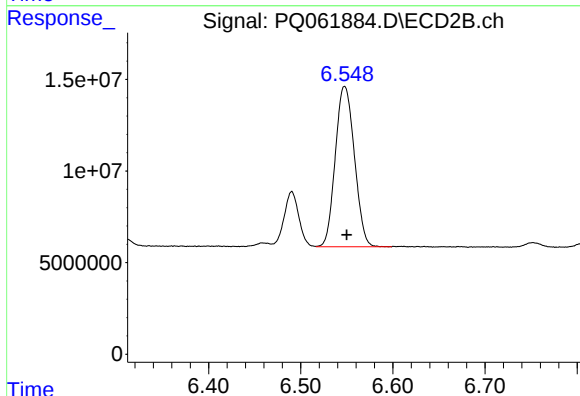
R.T.: 6.490 min
Delta R.T.: 0.001 min
Response: 33501856
Conc: 192.18 ng/ml



#39 AR-1262-4

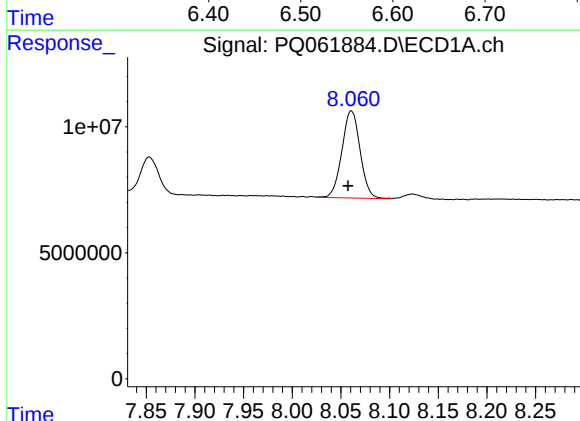
R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 31028130
Conc: 116.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



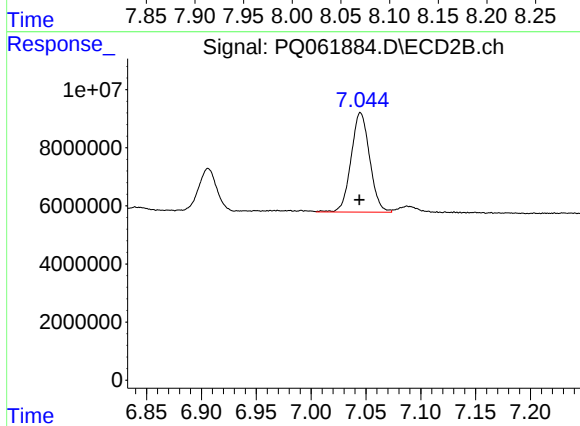
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 126427955
Conc: 392.27 ng/ml



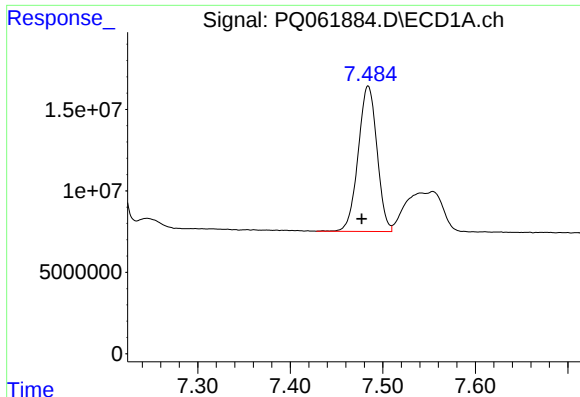
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 45076302
Conc: 253.94 ng/ml



#40 AR-1262-5

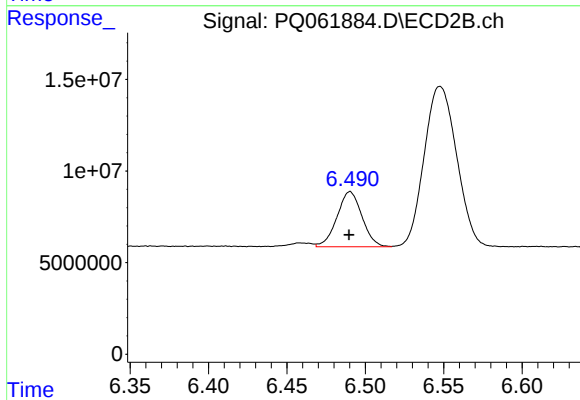
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 40507490
Conc: 261.15 ng/ml



#41 AR-1268-1

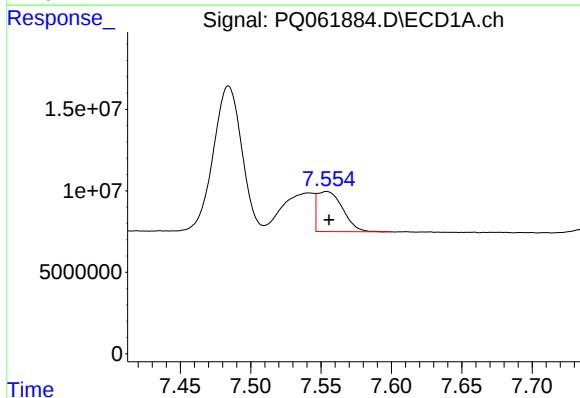
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 125846491
Conc: 221.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



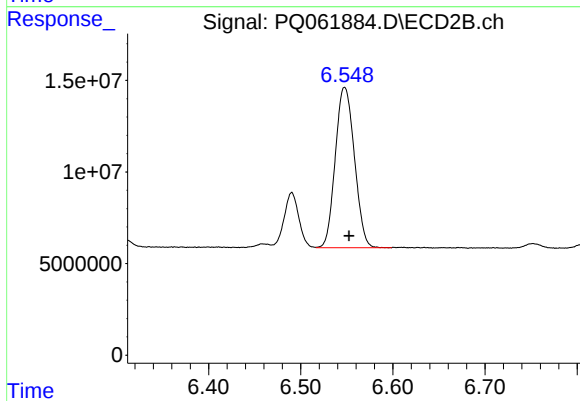
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 33501856
Conc: 71.20 ng/ml



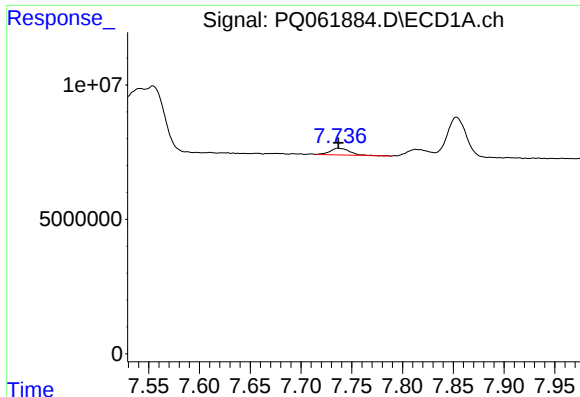
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 31028130
Conc: 60.85 ng/ml



#42 AR-1268-2

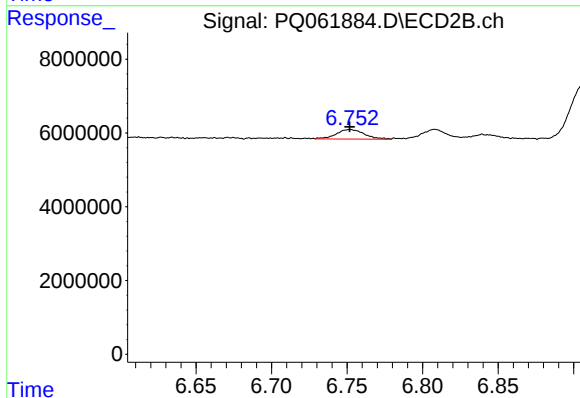
R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 126427955
Conc: 298.39 ng/ml



#43 AR-1268-3

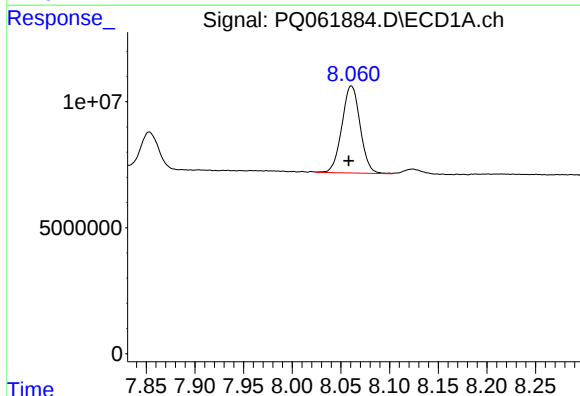
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3369241
Conc: 7.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



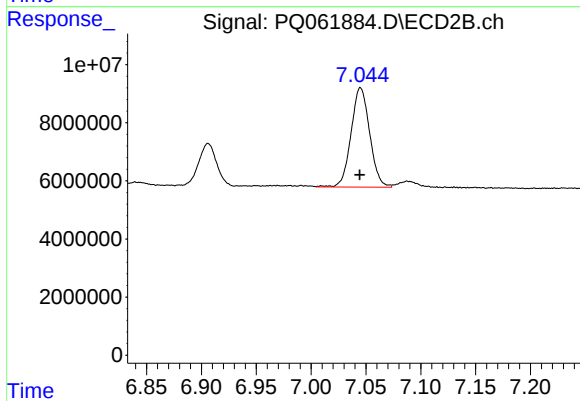
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 3321711
Conc: 9.02 ng/ml



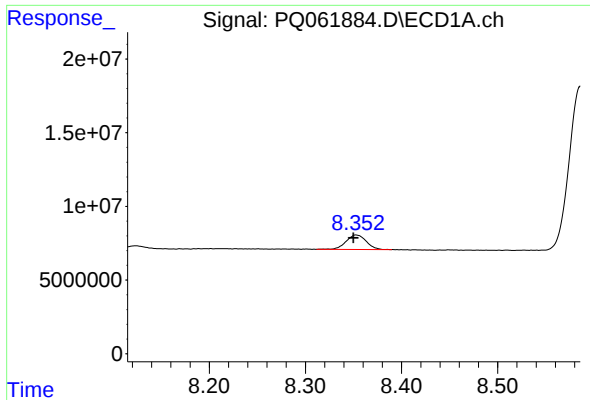
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 45076302
Conc: 246.34 ng/ml



#44 AR-1268-4

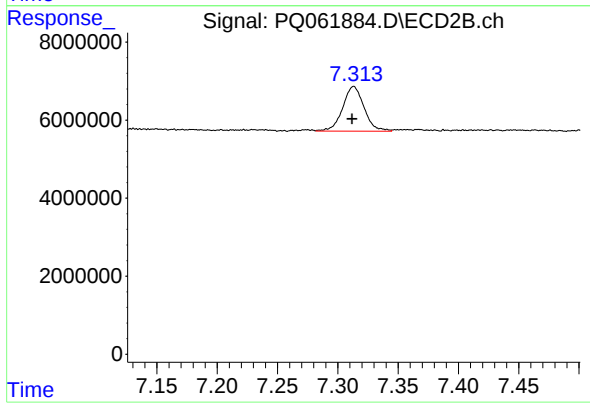
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 40507490
Conc: 253.27 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 14418214
Conc: 11.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 14181927
Conc: 12.15 ng/ml