

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061523\
 Data File : PQ061458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 18:15
 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 15 21:02:37 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	2.761	235.7E6	127.4E6	52.427	47.696
2)	SA Decachlor...	8.585	7.533	181.0E6	167.6E6	53.728	49.940
Target Compounds							
3)	L1 AR-1016-1	4.505	3.763	82152955	50878059	533.640	493.285
4)	L1 AR-1016-2	4.524	3.779	122.1E6	74356559	535.042	499.090
5)	L1 AR-1016-3	4.582	3.939	74906915	39812291	527.137	503.789
6)	L1 AR-1016-4	4.674	3.988	62420465	34289614	542.137	482.902
7)	L1 AR-1016-5	4.961	4.183	60240898	41779497	521.238	488.001
8)	L2 AR-1221-1	3.602	2.962	8314606	4691289	148.182	131.755
9)	L2 AR-1221-2	3.684	3.039	11837943	6712345	280.519	243.709
10)	L2 AR-1221-3	3.754	3.107	44574855	25913917	340.055	305.803
11)	L3 AR-1232-1	3.754	3.107	44574855	25913917	466.320	420.798
12)	L3 AR-1232-2	4.247	3.779	61264762	74356559	1115.208	1079.231
13)	L3 AR-1232-3	4.524	3.939	122.1E6	39812291	1168.657	1100.998
14)	L3 AR-1232-4	4.674	4.025	62420465	37897657	1176.467	1175.819
15)	L3 AR-1232-5	4.771	4.183	48516380	41779497	1286.481	1090.157
16)	L4 AR-1242-1	4.505	3.763	82152955	50878059	724.015	664.298
17)	L4 AR-1242-2	4.524	3.779	122.1E6	74356559	718.957	670.942
18)	L4 AR-1242-3	4.582	3.939	74906915	39812291	700.191	672.705
19)	L4 AR-1242-4	4.674	4.025	62420465	37897657	719.212	632.835
20)	L4 AR-1242-5	5.390	4.519	8129738	34173397	91.666	426.794 #
21)	L5 AR-1248-1	4.505	3.763	82152955	50878059	911.757	817.508
22)	L5 AR-1248-2	4.771	3.988	48516380	34289614	381.642	354.759
23)	L5 AR-1248-3	4.961	4.025	60240898	37897657	391.071	414.575
24)	L5 AR-1248-4	5.354	4.183	9133998	41779497	53.809	368.975 #
25)	L5 AR-1248-5	5.390	4.557	8129738	5234371	49.623	47.527
26)	L6 AR-1254-1	5.327	4.519	46801929	34173397	274.014	207.809
27)	L6 AR-1254-2	5.546	4.666	52569326	33778971	196.606	224.585
28)	L6 AR-1254-3	5.898	5.048	28001313	18035997	100.204	77.508
29)	L6 AR-1254-4	6.182	5.274	18132774	6873985	88.589	47.845 #
30)	L6 AR-1254-5	6.595	5.679	169.2E6	131.3E6	717.167	575.401
31)	L7 AR-1260-1	6.064	5.176	115.6E6	85316917	520.157	496.001
32)	L7 AR-1260-2	6.324	5.367	141.0E6	105.1E6	529.959	507.378
33)	L7 AR-1260-3	6.677	5.507	86935324	98797433	517.018	497.436
34)	L7 AR-1260-4	6.895	5.970	104.2E6	73810730	519.078	501.754
35)	L7 AR-1260-5	7.206	6.216	205.4E6	169.3E6	539.694	521.286
36)	L8 AR-1262-1	6.677	5.722	86935324	73173604	290.368	301.937
37)	L8 AR-1262-2	7.206	6.216	205.4E6	169.3E6	407.401	387.293
38)	L8 AR-1262-3	7.484	6.494	131.3E6	35935748	388.527	199.402 #
39)	L8 AR-1262-4	7.556	6.551	73452721	131.7E6	286.013	397.102 #
40)	L8 AR-1262-5	8.060	7.048	47371517	42150522	278.151	262.751
41)	L9 AR-1268-1	7.484	6.494	131.3E6	35935748	238.404	73.145 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 18:15
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

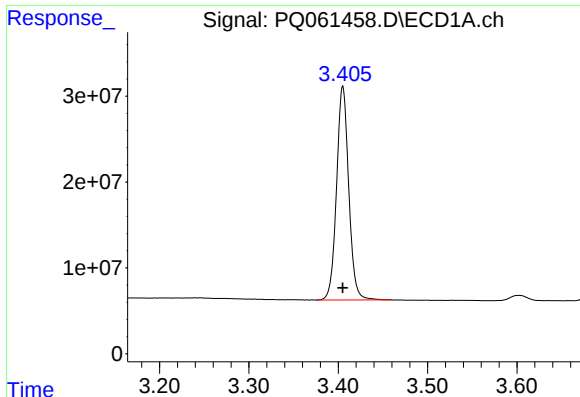
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 21:02:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
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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	7.556	6.551	73452721	131.7E6	149.071	296.008 #
43) L9	AR-1268-3	7.738	6.756	3742869	3502677	9.077	8.947
44) L9	AR-1268-4	8.060	7.048	47371517	42150522	267.624	251.076
45) L9	AR-1268-5	8.352	7.317	15628233	16499266	13.149	13.305

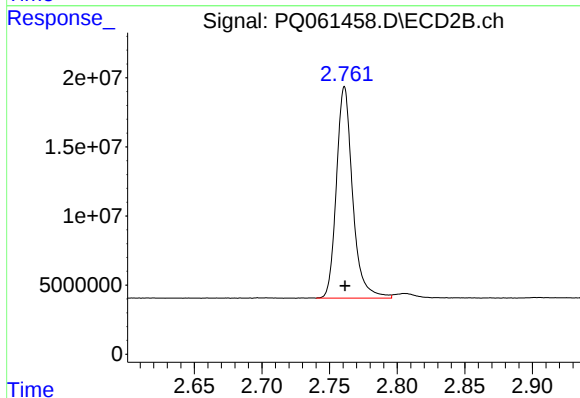
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

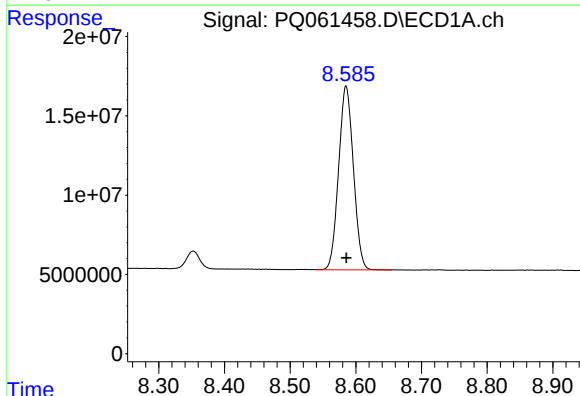
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 235660281
Conc: 52.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



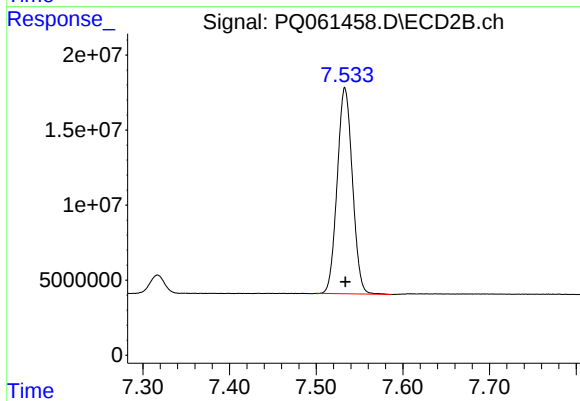
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 127366478
Conc: 47.70 ng/ml



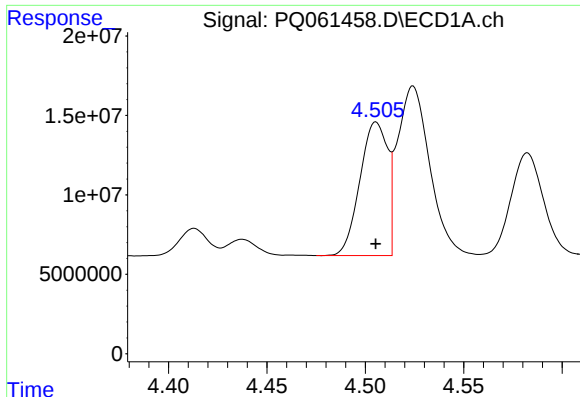
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 180992849
Conc: 53.73 ng/ml



#2 Decachlorobiphenyl

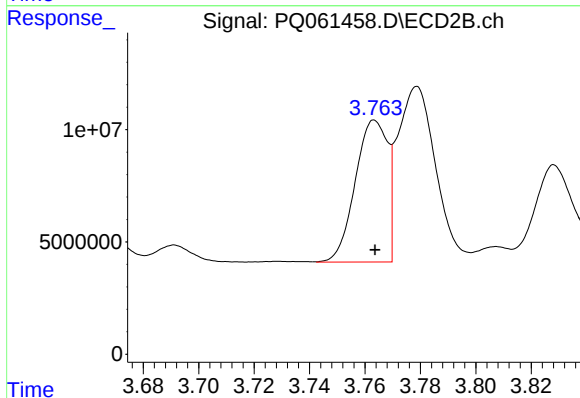
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 167625089
Conc: 49.94 ng/ml



#3 AR-1016-1

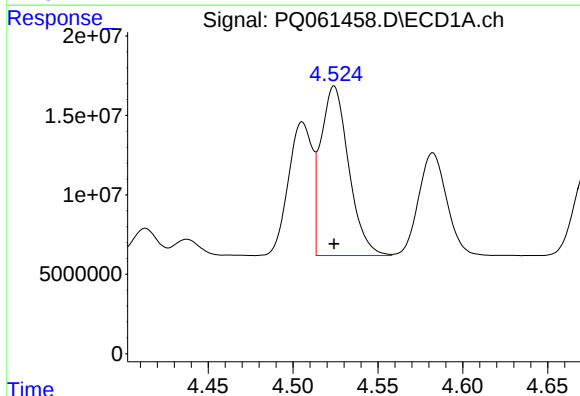
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82152955
Conc: 533.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



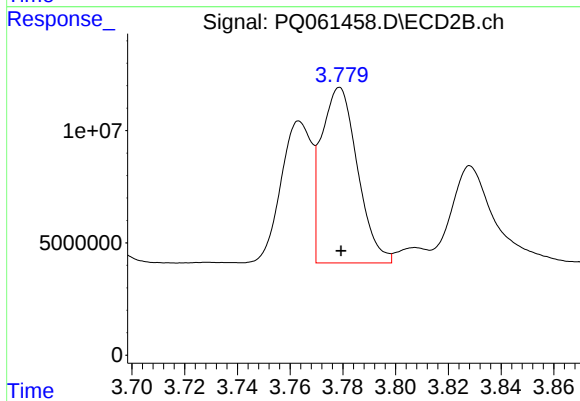
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 50878059
Conc: 493.28 ng/ml



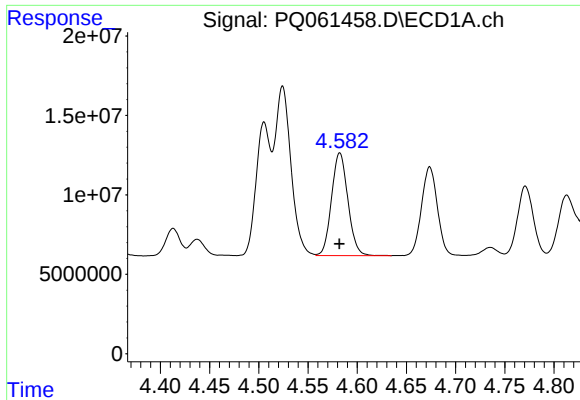
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 122077694
Conc: 535.04 ng/ml



#4 AR-1016-2

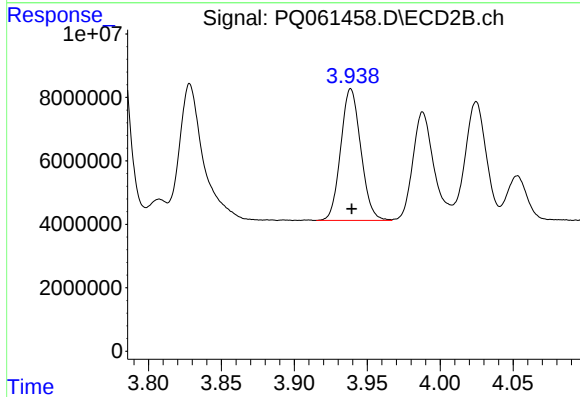
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 74356559
Conc: 499.09 ng/ml



#5 AR-1016-3

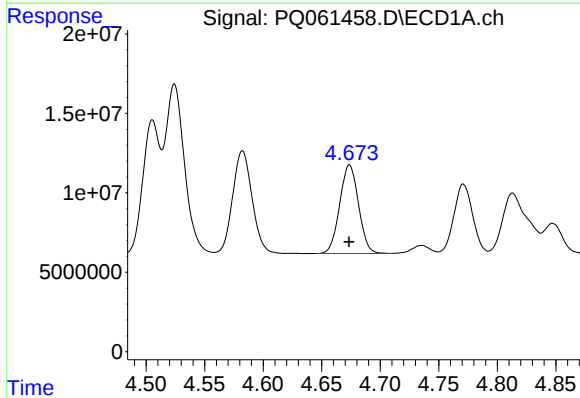
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 74906915
Conc: 527.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



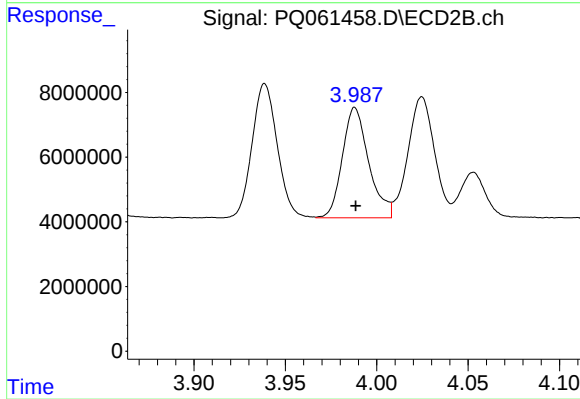
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 39812291
Conc: 503.79 ng/ml



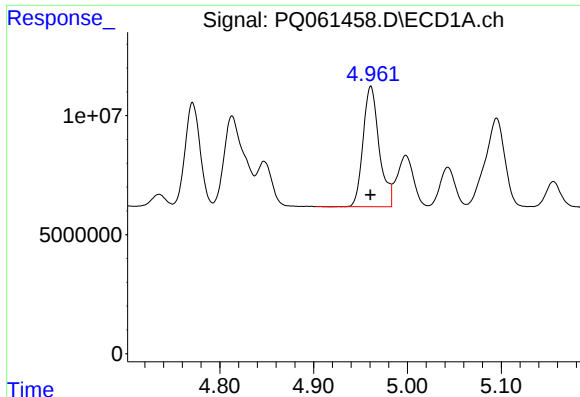
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 62420465
Conc: 542.14 ng/ml



#6 AR-1016-4

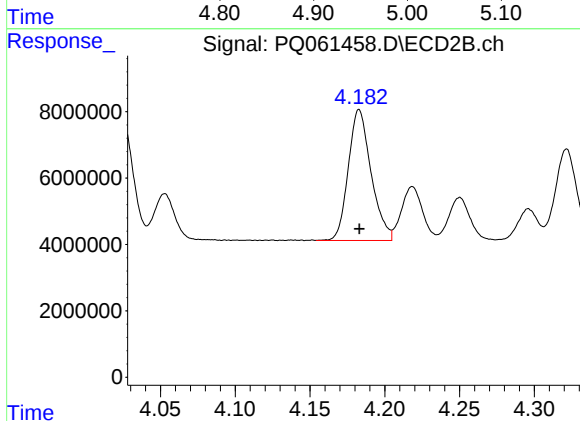
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 34289614
Conc: 482.90 ng/ml



#7 AR-1016-5

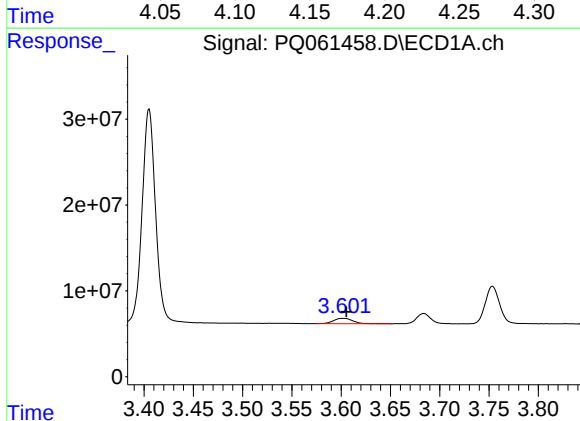
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 60240898
Conc: 521.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



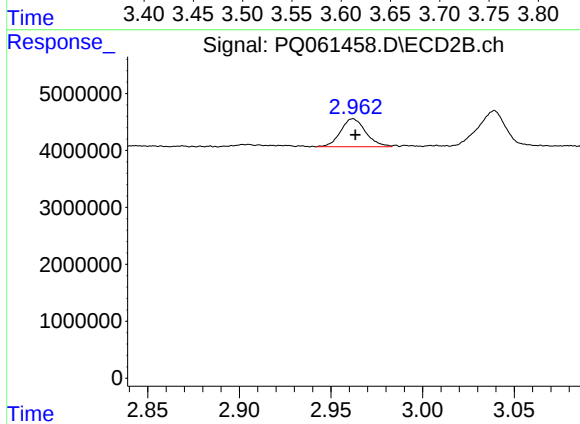
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 41779497
Conc: 488.00 ng/ml



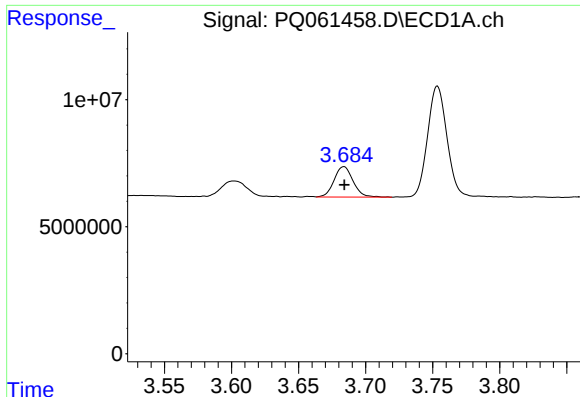
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 8314606
Conc: 148.18 ng/ml



#8 AR-1221-1

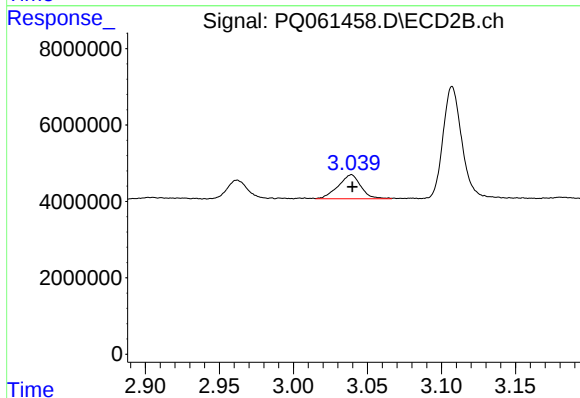
R.T.: 2.962 min
Delta R.T.: -0.001 min
Response: 4691289
Conc: 131.76 ng/ml



#9 AR-1221-2

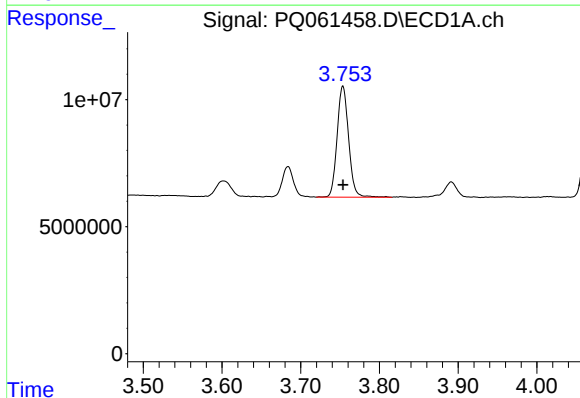
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 11837943
Conc: 280.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



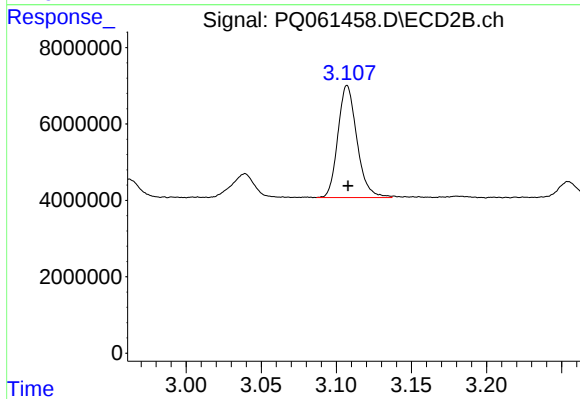
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 6712345
Conc: 243.71 ng/ml



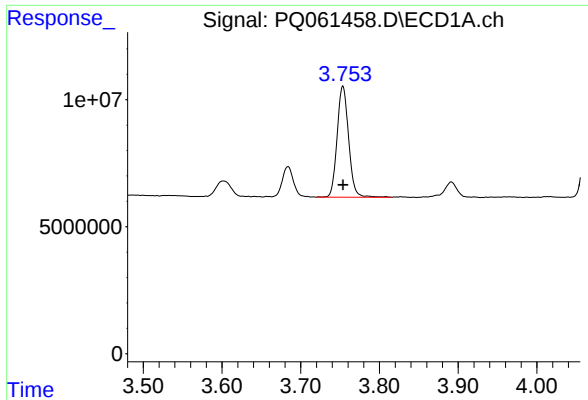
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 44574855
Conc: 340.06 ng/ml



#10 AR-1221-3

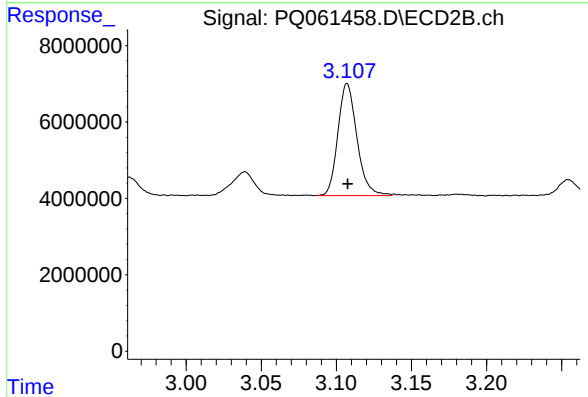
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 25913917
Conc: 305.80 ng/ml



#11 AR-1232-1

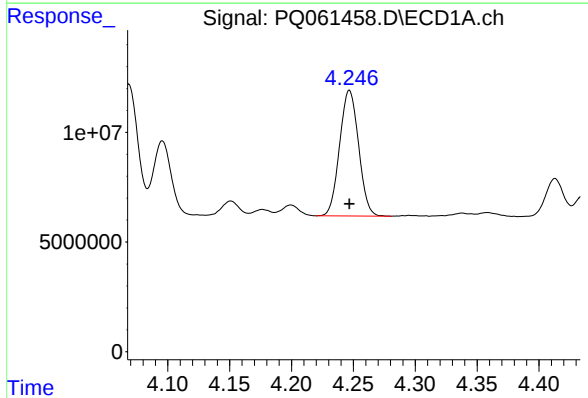
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 44574855
Conc: 466.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



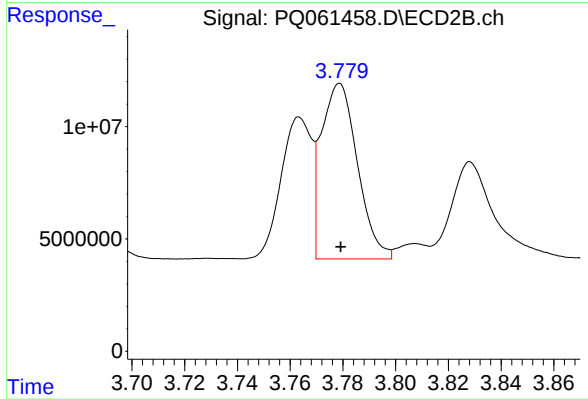
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 25913917
Conc: 420.80 ng/ml



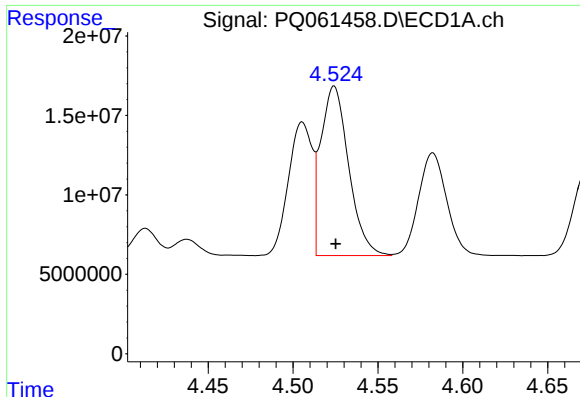
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 61264762
Conc: 1115.21 ng/ml



#12 AR-1232-2

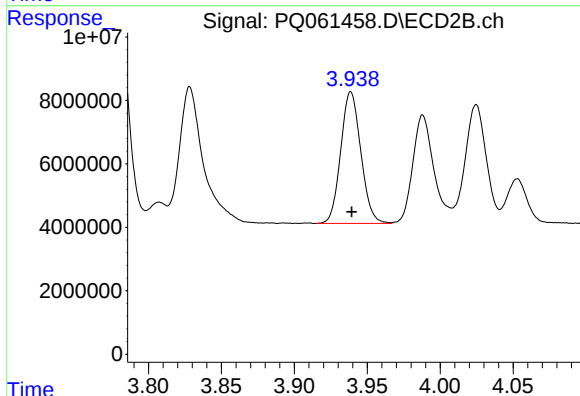
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 74356559
Conc: 1079.23 ng/ml



#13 AR-1232-3

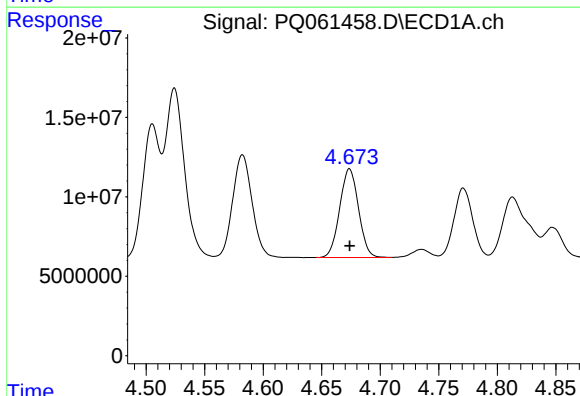
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 122077694
Conc: 1168.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



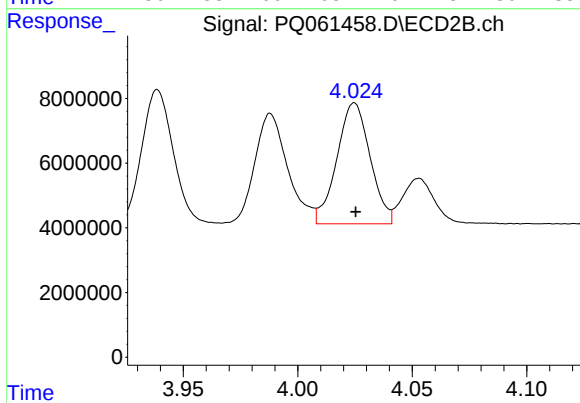
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 39812291
Conc: 1101.00 ng/ml



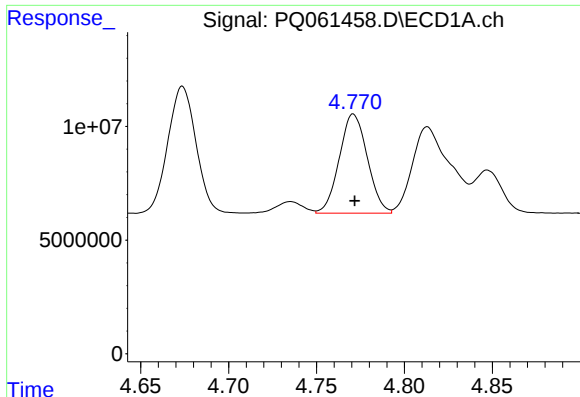
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 62420465
Conc: 1176.47 ng/ml



#14 AR-1232-4

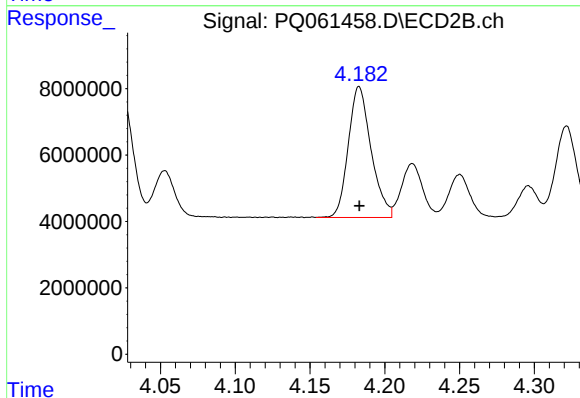
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 37897657
Conc: 1175.82 ng/ml



#15 AR-1232-5

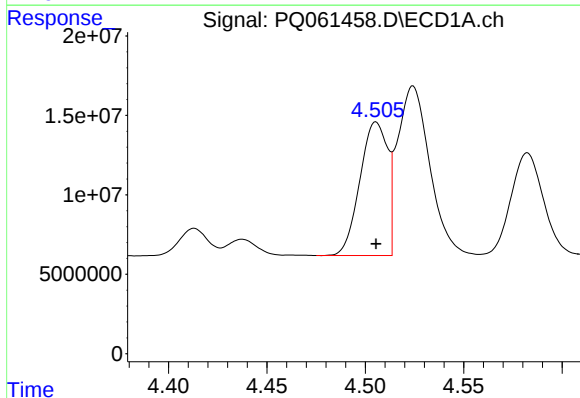
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 48516380
Conc: 1286.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



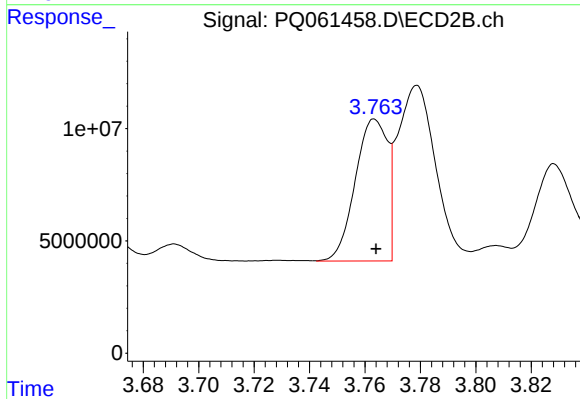
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 41779497
Conc: 1090.16 ng/ml



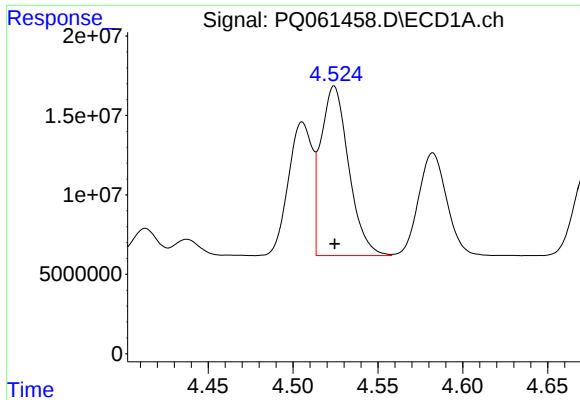
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82152955
Conc: 724.02 ng/ml



#16 AR-1242-1

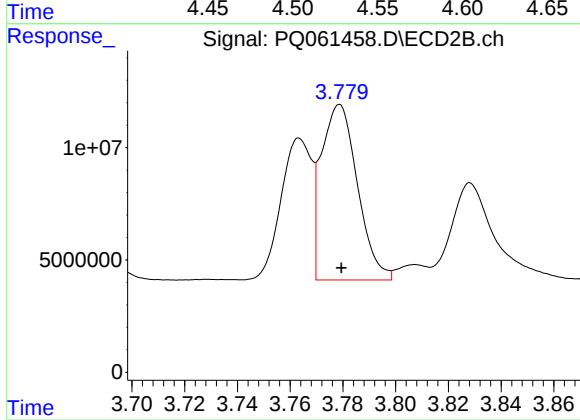
R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 50878059
Conc: 664.30 ng/ml



#17 AR-1242-2

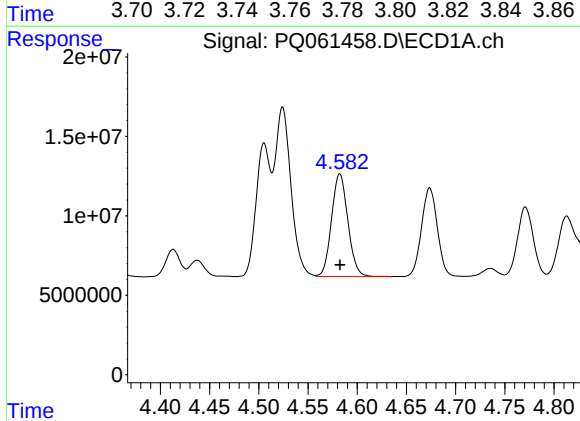
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 122077694
Conc: 718.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



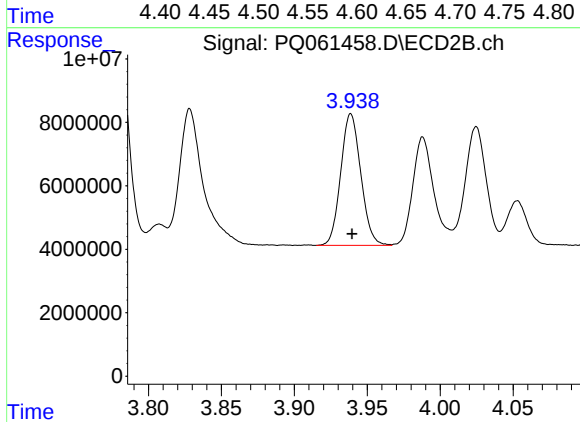
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 74356559
Conc: 670.94 ng/ml



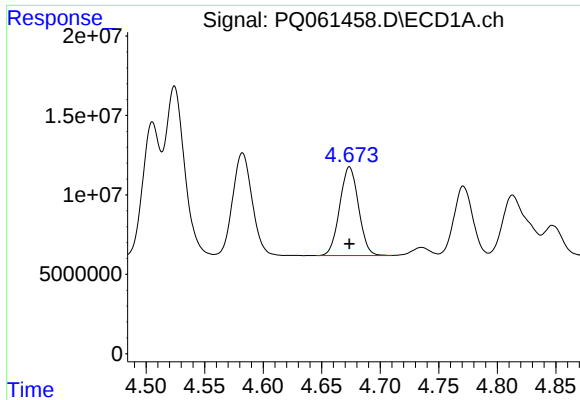
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 74906915
Conc: 700.19 ng/ml



#18 AR-1242-3

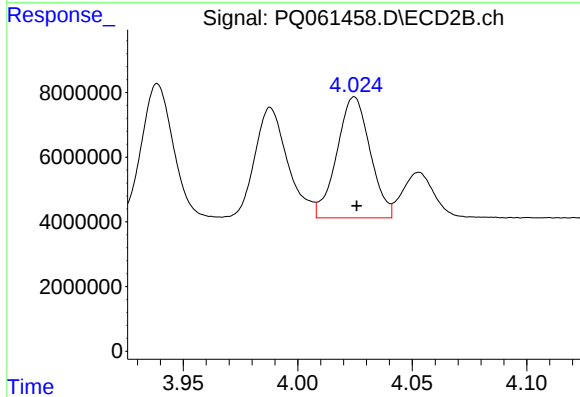
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 39812291
Conc: 672.70 ng/ml



#19 AR-1242-4

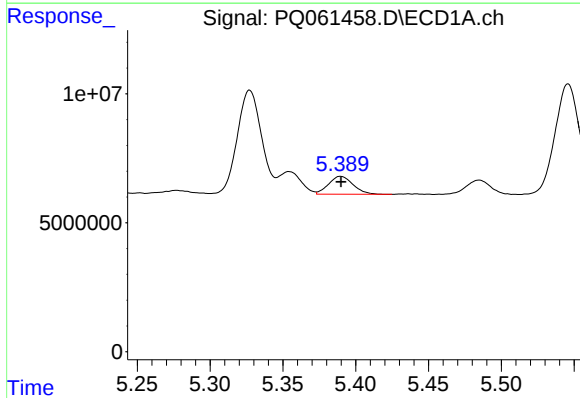
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 62420465
Conc: 719.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



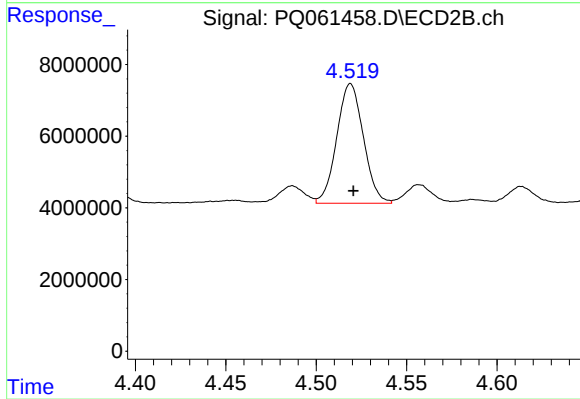
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 37897657
Conc: 632.84 ng/ml



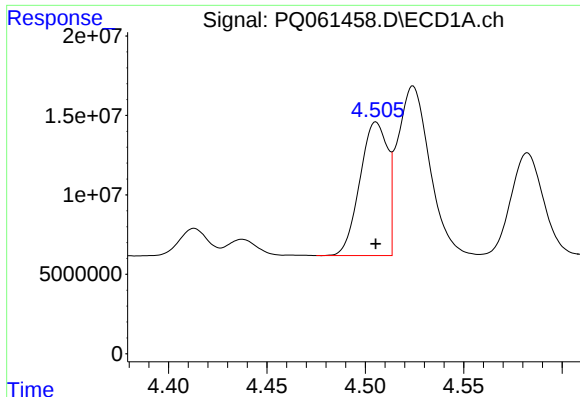
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8129738
Conc: 91.67 ng/ml



#20 AR-1242-5

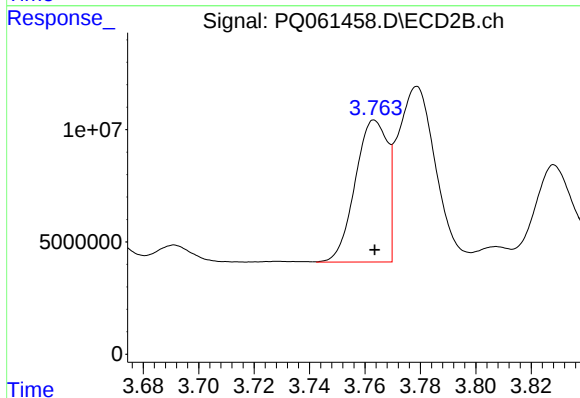
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 34173397
Conc: 426.79 ng/ml



#21 AR-1248-1

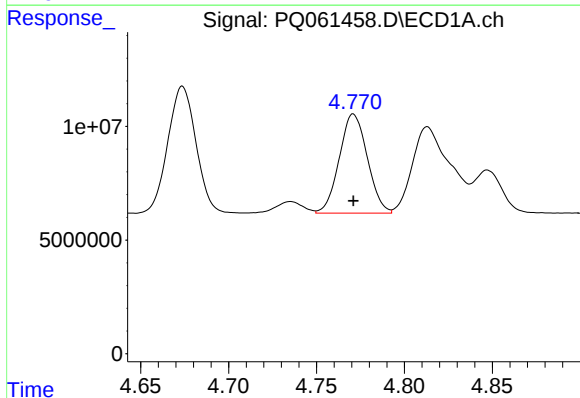
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82152955
Conc: 911.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



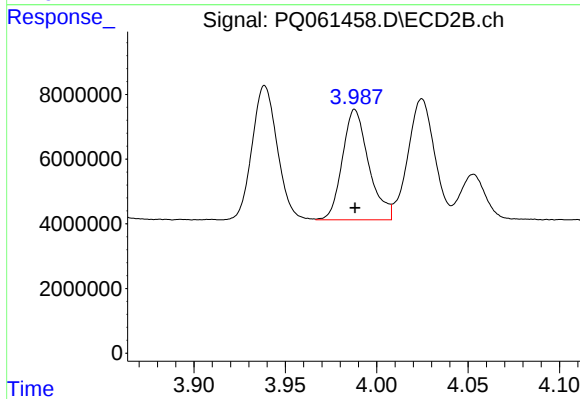
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 50878059
Conc: 817.51 ng/ml



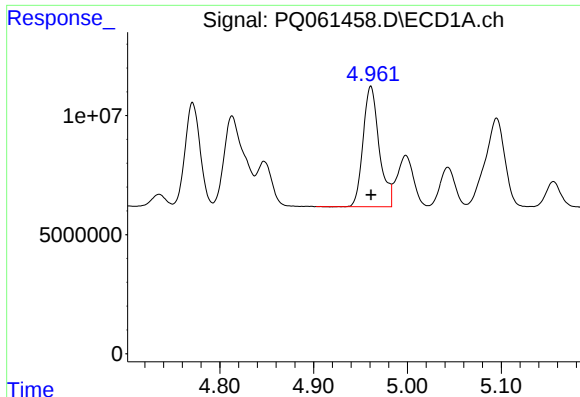
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 48516380
Conc: 381.64 ng/ml



#22 AR-1248-2

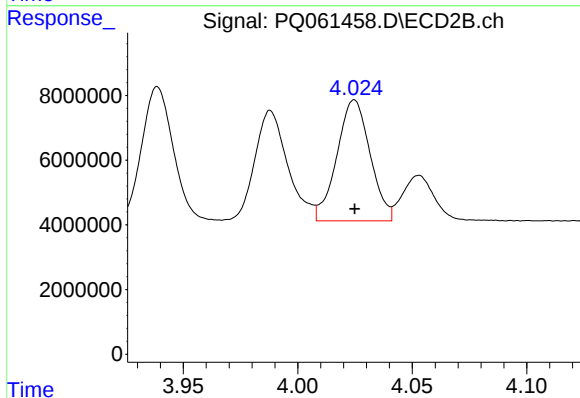
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 34289614
Conc: 354.76 ng/ml



#23 AR-1248-3

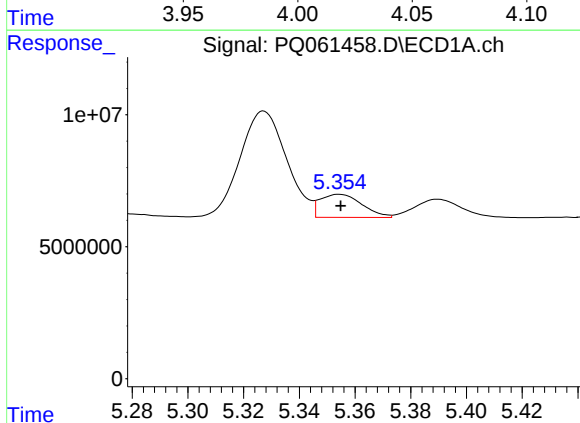
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 60240898
Conc: 391.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



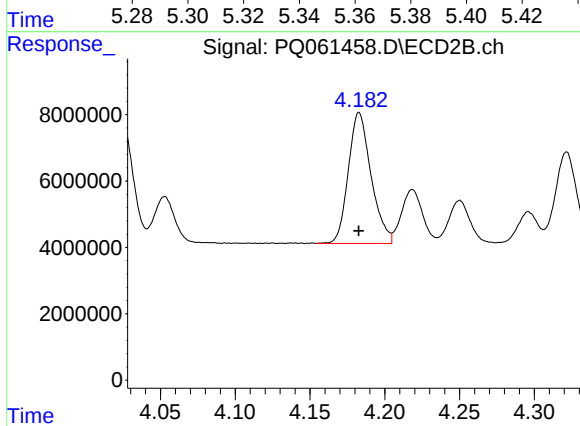
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 37897657
Conc: 414.58 ng/ml



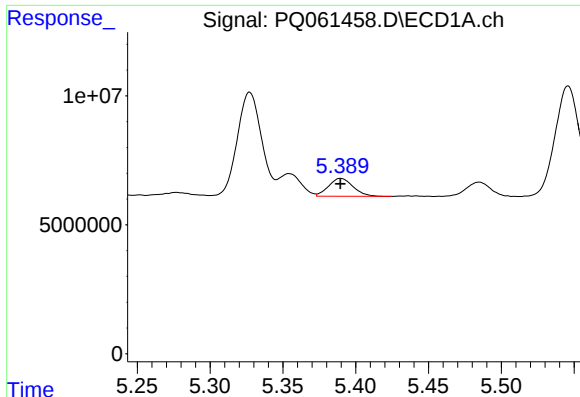
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9133998
Conc: 53.81 ng/ml



#24 AR-1248-4

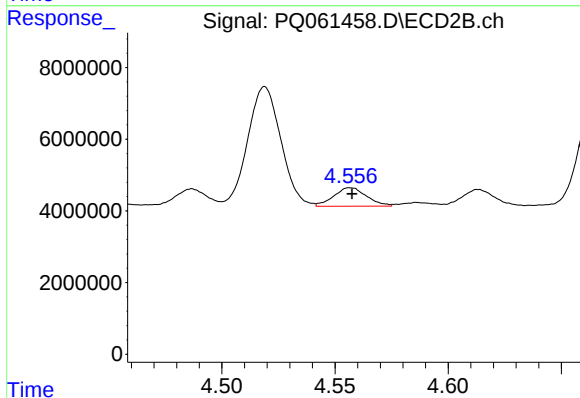
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 41779497
Conc: 368.98 ng/ml



#25 AR-1248-5

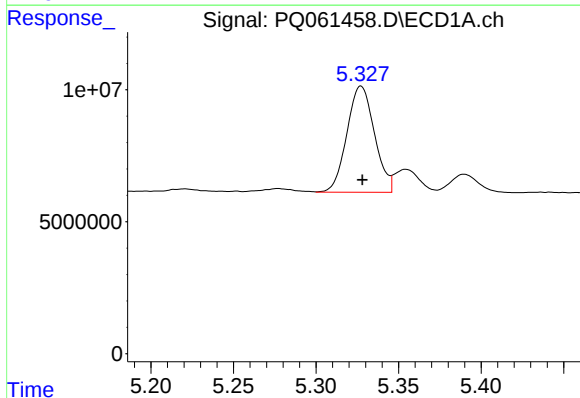
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8129738
Conc: 49.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



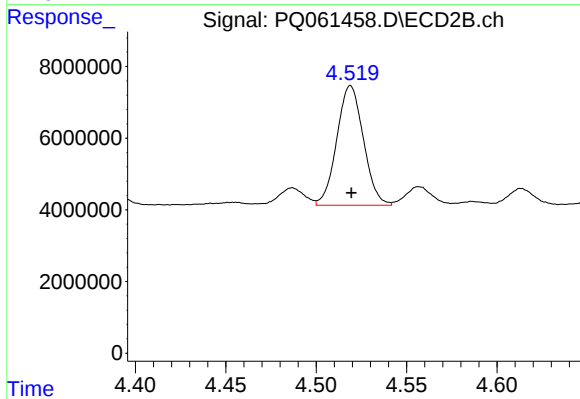
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 5234371
Conc: 47.53 ng/ml



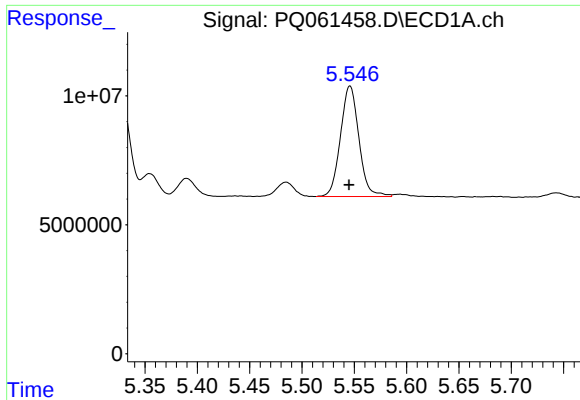
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 46801929
Conc: 274.01 ng/ml



#26 AR-1254-1

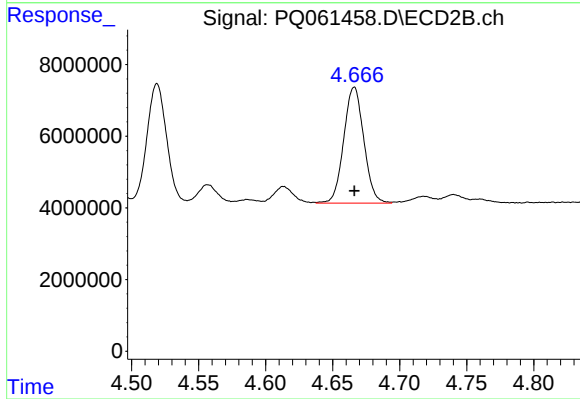
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 34173397
Conc: 207.81 ng/ml



#27 AR-1254-2

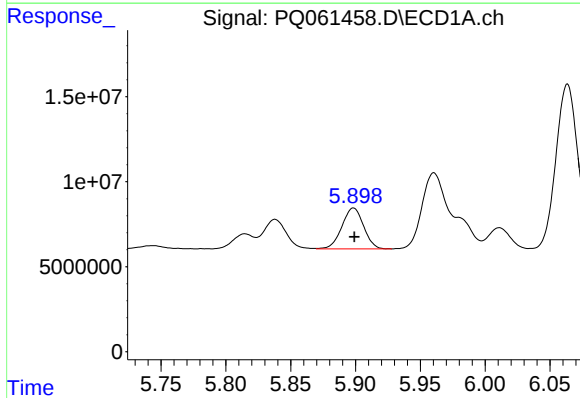
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 52569326
Conc: 196.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



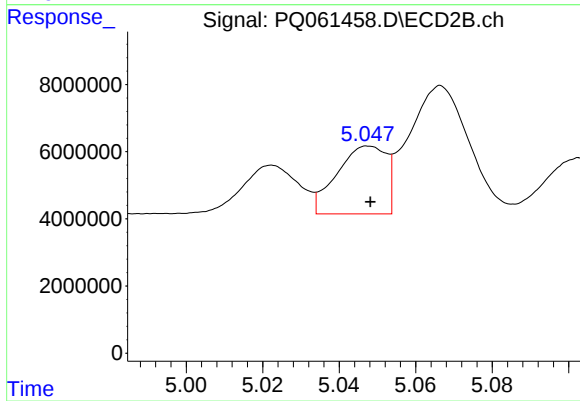
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 33778971
Conc: 224.59 ng/ml



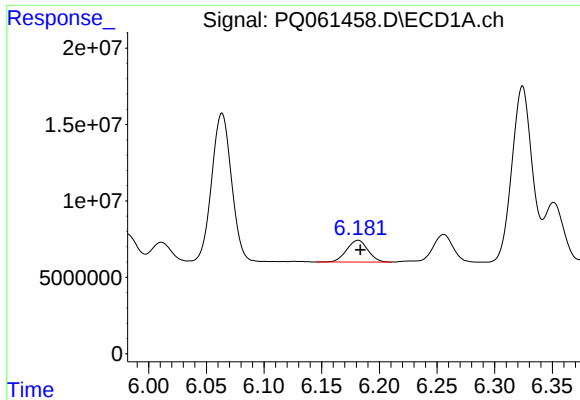
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 28001313
Conc: 100.20 ng/ml



#28 AR-1254-3

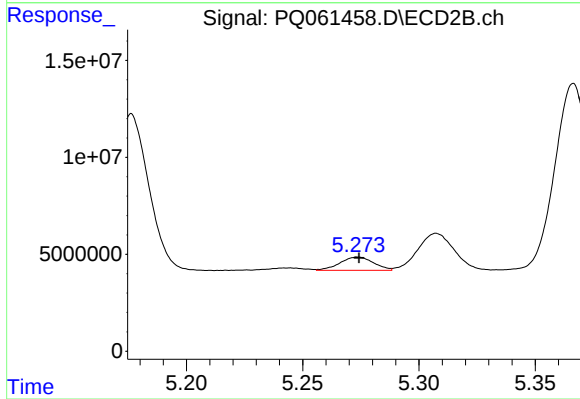
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 18035997
Conc: 77.51 ng/ml



#29 AR-1254-4

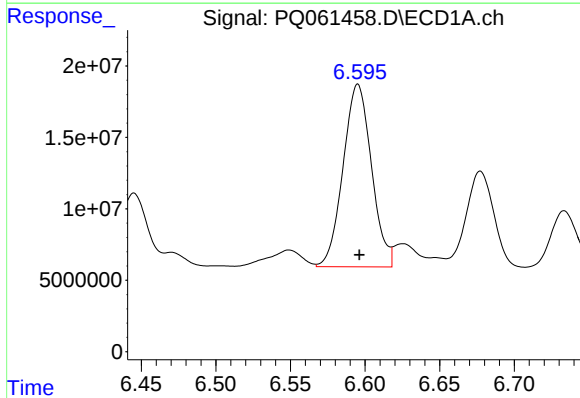
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 18132774
Conc: 88.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



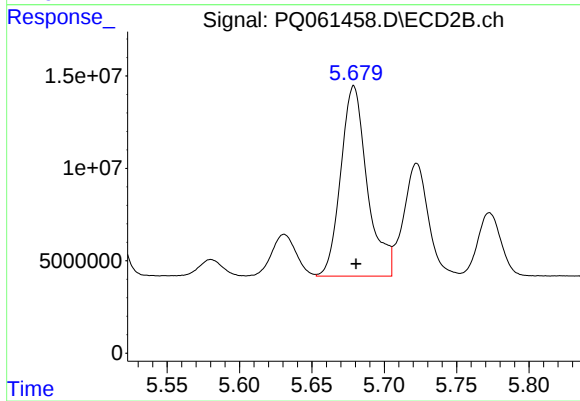
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 6873985
Conc: 47.85 ng/ml



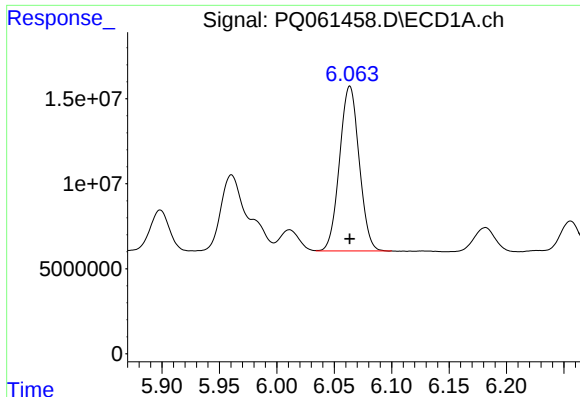
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 169167781
Conc: 717.17 ng/ml



#30 AR-1254-5

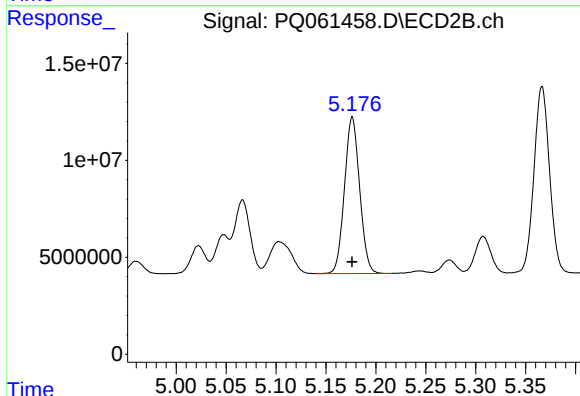
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 131254818
Conc: 575.40 ng/ml



#31 AR-1260-1

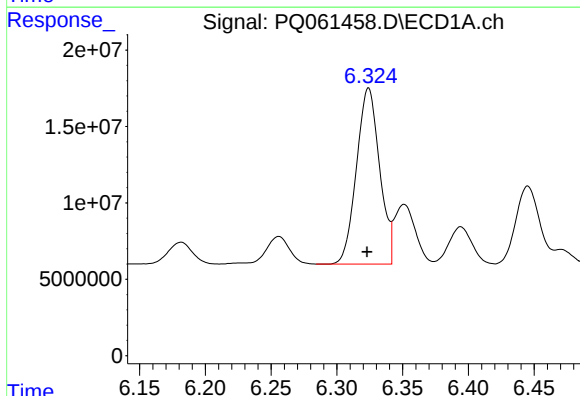
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 115564768
Conc: 520.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



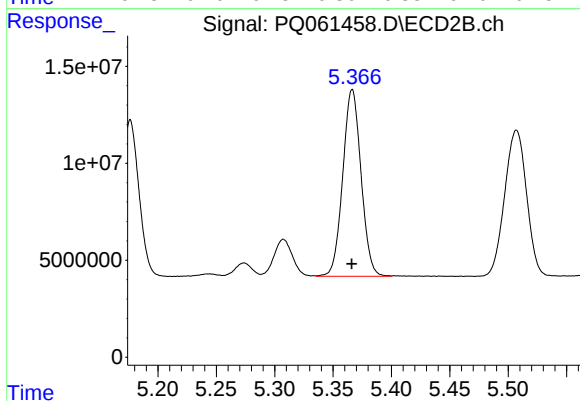
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 85316917
Conc: 496.00 ng/ml



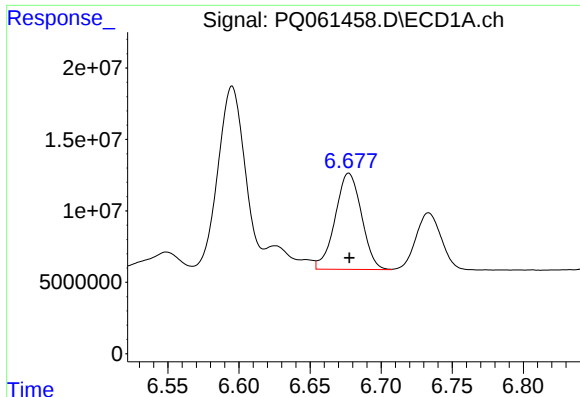
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 140992041
Conc: 529.96 ng/ml



#32 AR-1260-2

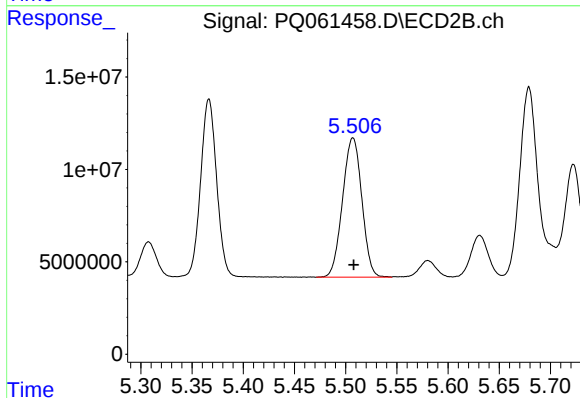
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 105145779
Conc: 507.38 ng/ml



#33 AR-1260-3

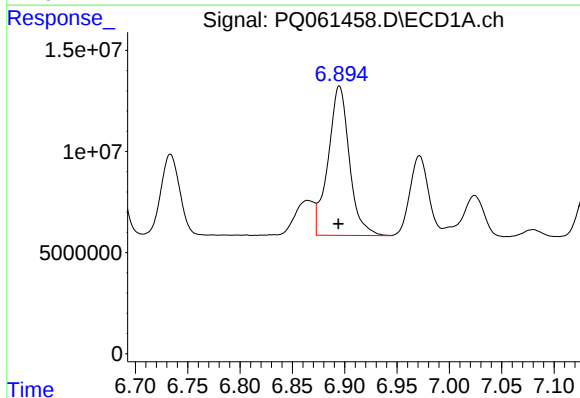
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 86935324
Conc: 517.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



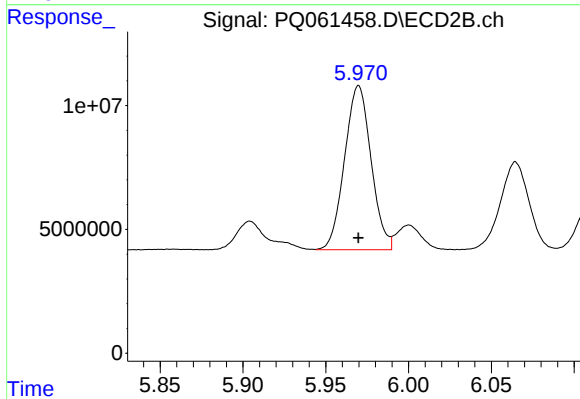
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 98797433
Conc: 497.44 ng/ml



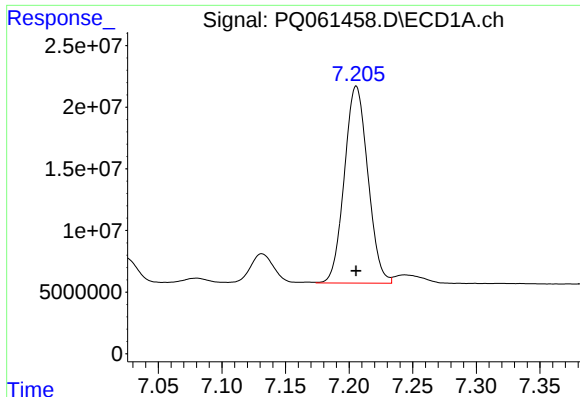
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 104176635
Conc: 519.08 ng/ml



#34 AR-1260-4

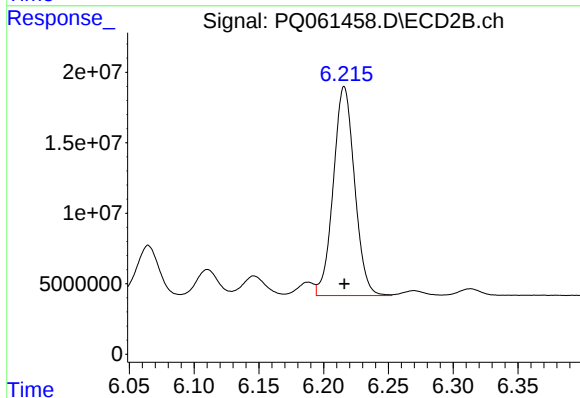
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 73810730
Conc: 501.75 ng/ml



#35 AR-1260-5

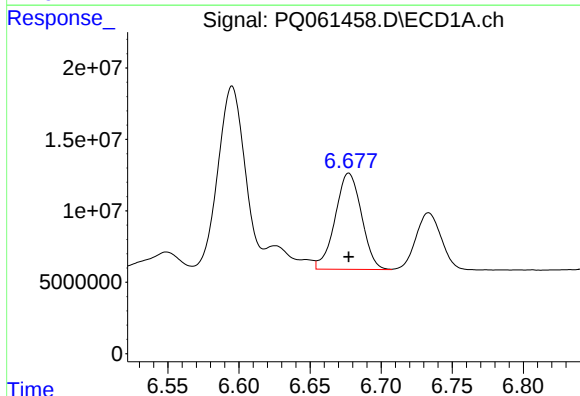
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 205403853
Conc: 539.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



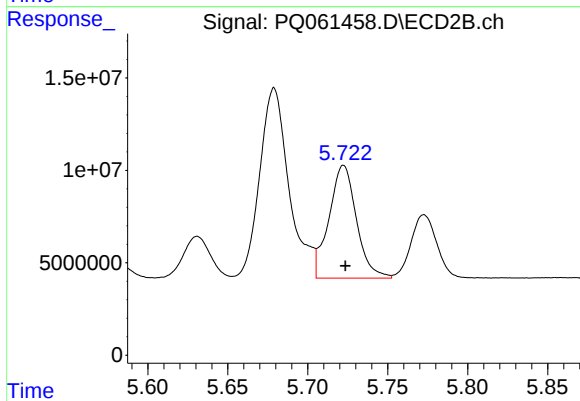
#35 AR-1260-5

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 169266569
Conc: 521.29 ng/ml



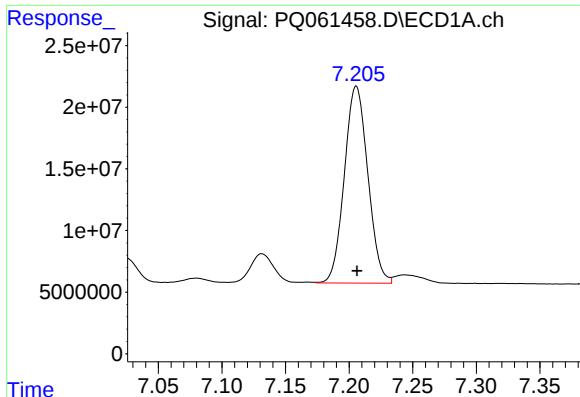
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 86935324
Conc: 290.37 ng/ml



#36 AR-1262-1

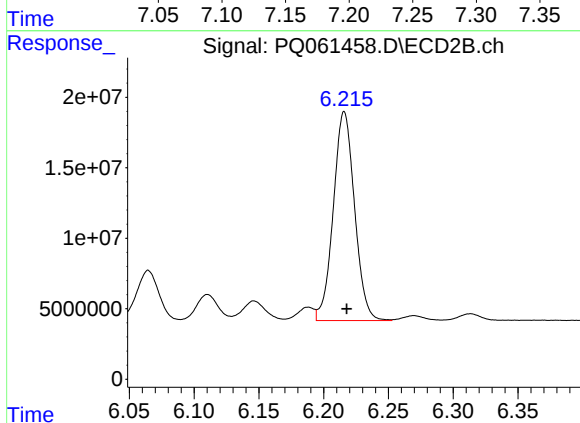
R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 73173604
Conc: 301.94 ng/ml



#37 AR-1262-2

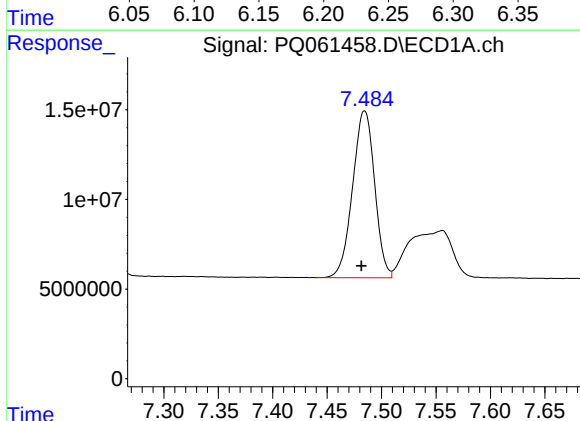
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 205403853
Conc: 407.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



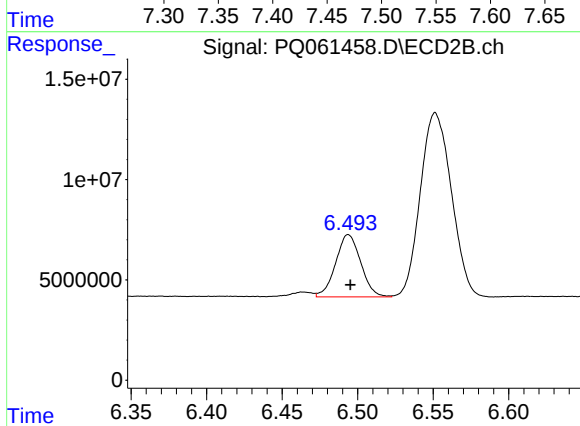
#37 AR-1262-2

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 169266569
Conc: 387.29 ng/ml



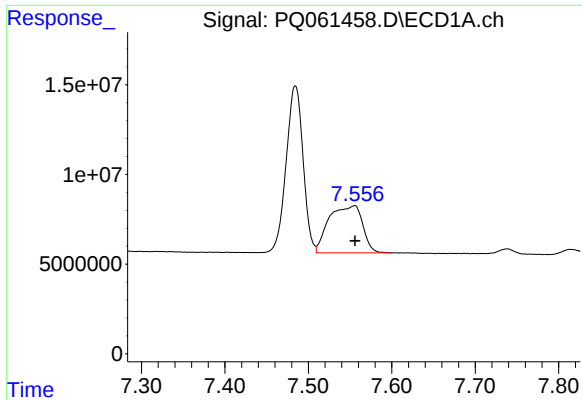
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.003 min
Response: 131301488
Conc: 388.53 ng/ml



#38 AR-1262-3

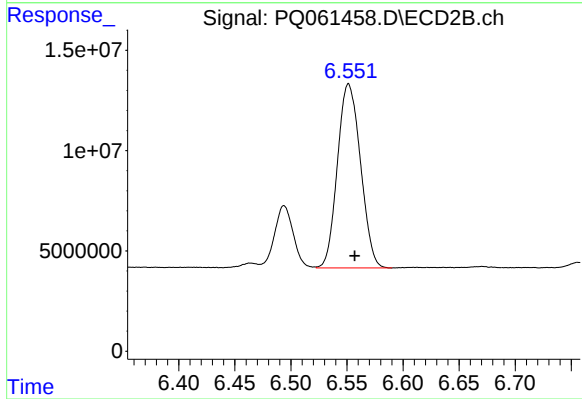
R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 35935748
Conc: 199.40 ng/ml



#39 AR-1262-4

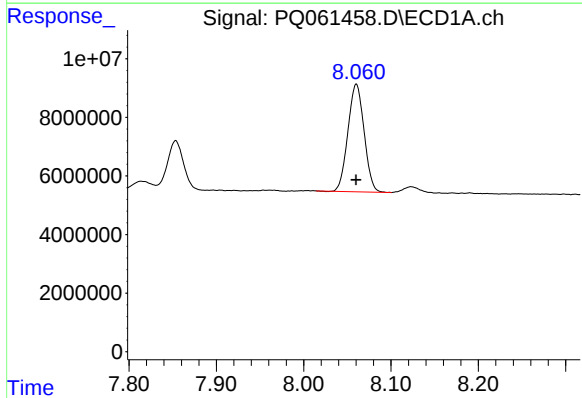
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 73452721
Conc: 286.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



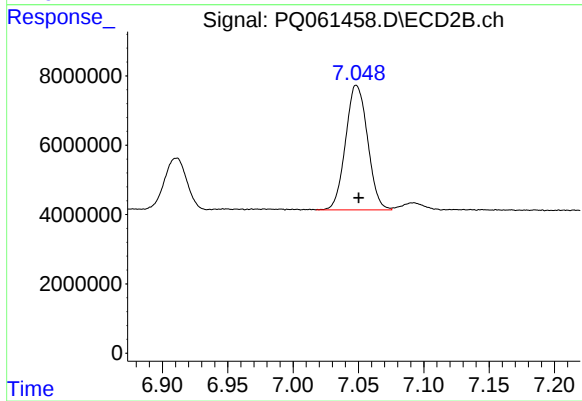
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 131690400
Conc: 397.10 ng/ml



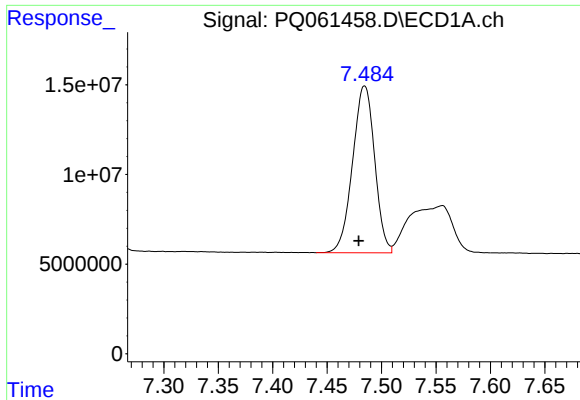
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 47371517
Conc: 278.15 ng/ml



#40 AR-1262-5

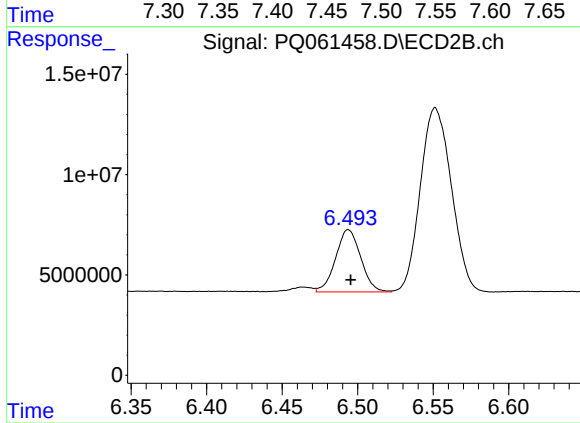
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 42150522
Conc: 262.75 ng/ml



#41 AR-1268-1

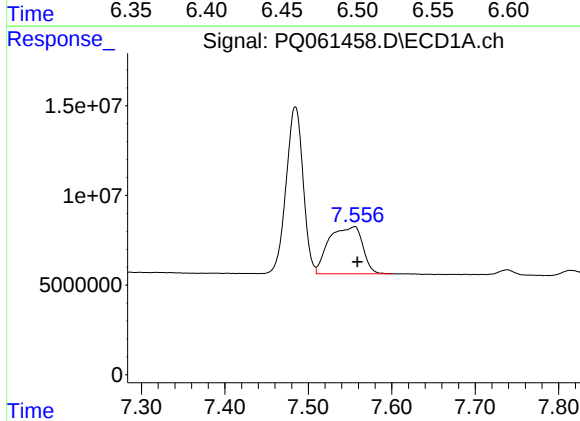
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 131301488
Conc: 238.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



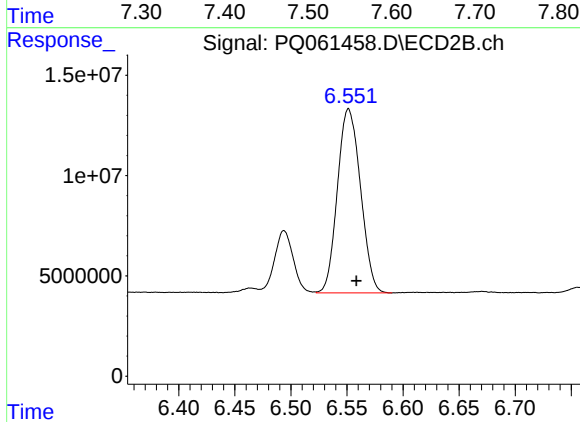
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 35935748
Conc: 73.14 ng/ml



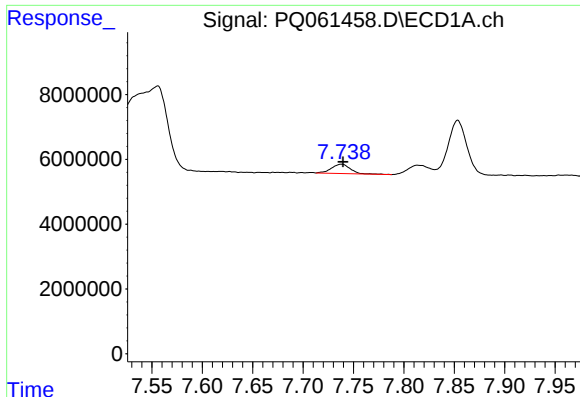
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 73452721
Conc: 149.07 ng/ml



#42 AR-1268-2

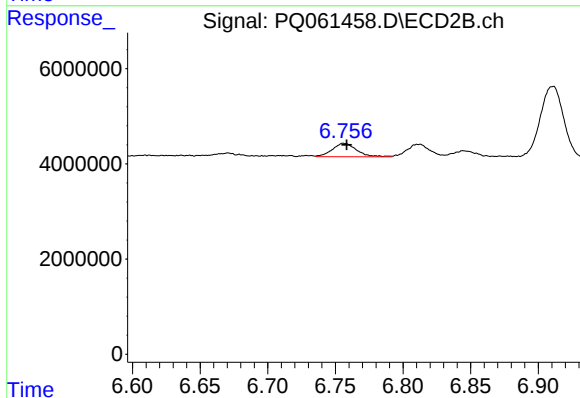
R.T.: 6.551 min
Delta R.T.: -0.007 min
Response: 131690400
Conc: 296.01 ng/ml



#43 AR-1268-3

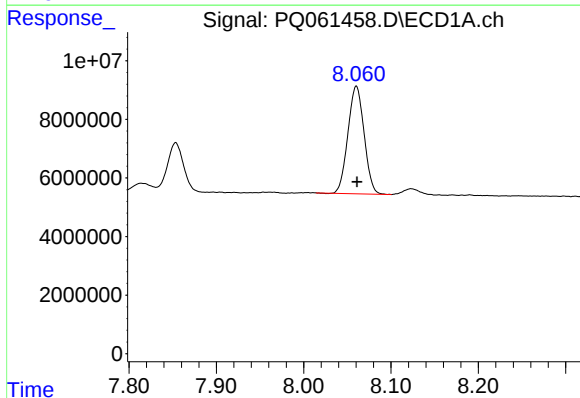
R.T.: 7.738 min
Delta R.T.: -0.002 min
Response: 3742869
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



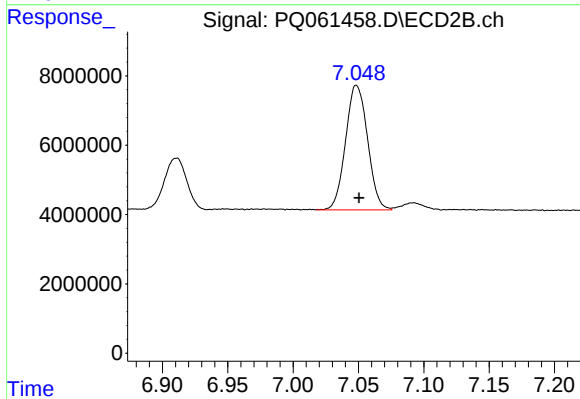
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 3502677
Conc: 8.95 ng/ml



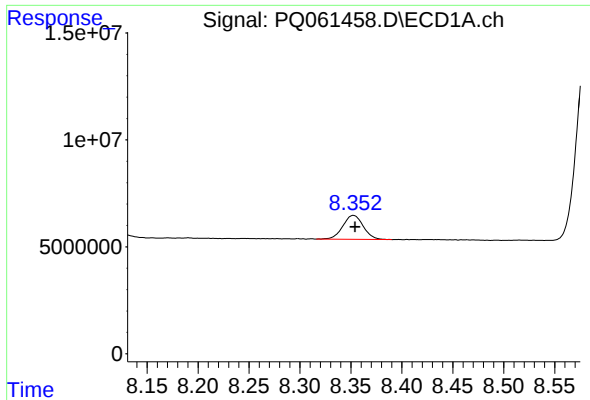
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 47371517
Conc: 267.62 ng/ml



#44 AR-1268-4

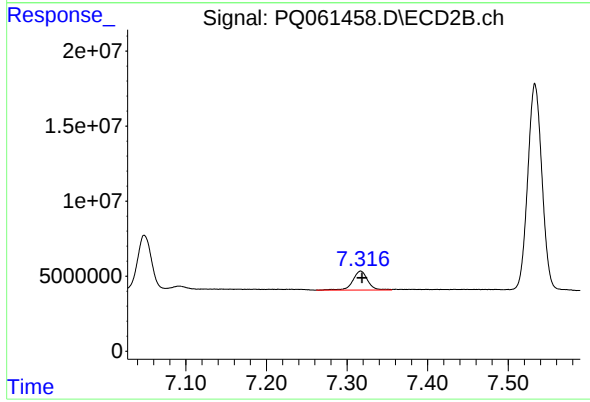
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 42150522
Conc: 251.08 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 15628233
Conc: 13.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 16499266
Conc: 13.31 ng/ml