

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062223\
 Data File : PQ061613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 14:34
 Operator : YP\AJ
 Sample : PB153646BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 22:24:12 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	102.7E6	50749354	22.847	19.005
2)	SA Decachlor...	8.588	7.531	80760568	73484599	23.974	21.893
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	81303247	47133161	528.121	456.976
4)	L1 AR-1016-2	4.524	3.777	119.4E6	68169502	523.302	457.561
5)	L1 AR-1016-3	4.582	3.937	73665634	36886117	518.402	466.761
6)	L1 AR-1016-4	4.674	3.986	61546254	32375562	534.544	455.946
7)	L1 AR-1016-5	4.961	4.181	59890831	39734020	518.209	464.109
8)	L2 AR-1221-1	3.602	2.960	8135284	4273119	144.986	120.011
9)	L2 AR-1221-2	3.684	3.038	10050681	5463347	238.167	198.361
10)	L2 AR-1221-3	3.754	3.105	43865382	24379060	334.643	287.691
11)	L3 AR-1232-1	3.754	3.105	43865382	24379060	458.898	395.875
12)	L3 AR-1232-2	4.247	3.777	60496477	68169502	1101.223	989.431
13)	L3 AR-1232-3	4.524	3.937	119.4E6	36886117	1143.015	1020.075
14)	L3 AR-1232-4	4.674	4.023	61546254	35434548	1159.990	1099.399
15)	L3 AR-1232-5	4.771	4.181	48292779	39734020	1280.552	1036.784
16)	L4 AR-1242-1	4.505	3.761	81303247	47133161	716.527	615.402
17)	L4 AR-1242-2	4.524	3.777	119.4E6	68169502	703.181	615.115
18)	L4 AR-1242-3	4.582	3.937	73665634	36886117	688.588	623.261
19)	L4 AR-1242-4	4.674	4.023	61546254	35434548	709.139	591.705
20)	L4 AR-1242-5	5.390	4.516	8738567	32135961	98.531	401.349 #
21)	L5 AR-1248-1	4.505	3.761	81303247	47133161	902.327	757.335
22)	L5 AR-1248-2	4.771	3.986	48292779	32375562	379.883	334.956
23)	L5 AR-1248-3	4.961	4.023	59890831	35434548	388.799	387.630
24)	L5 AR-1248-4	5.355	4.181	9668348	39734020	56.957	350.911 #
25)	L5 AR-1248-5	5.390	4.555	8738567	4891137	53.340	44.410
26)	L6 AR-1254-1	5.328	4.516	47040546	32135961	275.411	195.420 #
27)	L6 AR-1254-2	5.546	4.663	52430264	31857013	196.086	211.807
28)	L6 AR-1254-3	5.898	5.045	28807956	16397834	103.091	70.468 #
29)	L6 AR-1254-4	6.181	5.271	18059132	6390038	88.229	44.477 #
30)	L6 AR-1254-5	6.595	5.676	168.5E6	124.9E6	714.394	547.463
31)	L7 AR-1260-1	6.063	5.174	116.3E6	81776149	523.542	475.416
32)	L7 AR-1260-2	6.324	5.364	139.7E6	100.1E6	525.131	482.944
33)	L7 AR-1260-3	6.678	5.504	87642038	94018999	521.221	473.377
34)	L7 AR-1260-4	6.895	5.967	103.4E6	71104802	515.194	483.359
35)	L7 AR-1260-5	7.206	6.214	203.9E6	161.1E6	535.829	496.012
36)	L8 AR-1262-1	6.678	5.719	87642038	70421898	292.728	290.582
37)	L8 AR-1262-2	7.206	6.214	203.9E6	161.1E6	404.483	368.515
38)	L8 AR-1262-3	7.484	6.492	132.2E6	34161917	391.126	189.560 #
39)	L8 AR-1262-4	7.556	6.549	38015435	126.4E6	148.026	381.121 #
40)	L8 AR-1262-5	8.061	7.047	47421219	40787463	278.443	254.254
41)	L9 AR-1268-1	7.484	6.492	132.2E6	34161917	239.998	69.534 #

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 Operator : YP\AJ
 Sample : PB153646BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

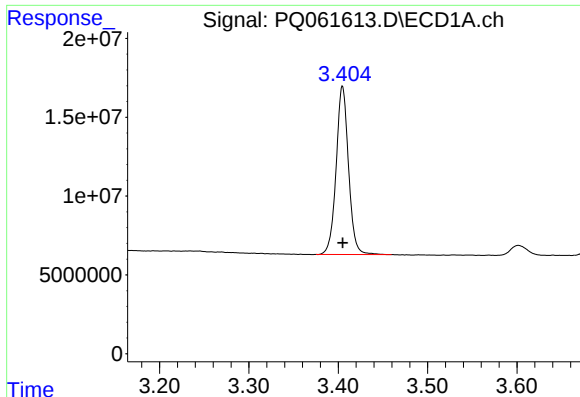
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 22:24:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.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	7.556	6.549	38015435	126.4E6	77.152	284.095 #
43) L9	AR-1268-3	7.739	6.754	3846806	3090484	9.329	7.894
44) L9	AR-1268-4	8.061	7.047	47421219	40787463	267.905	242.957
45) L9	AR-1268-5	8.354	7.315	15025216	13415708	12.641	10.819

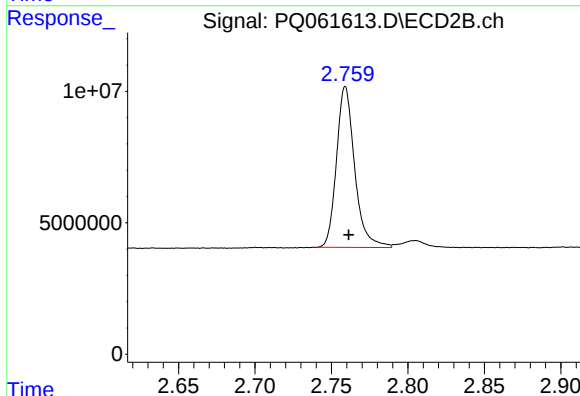
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

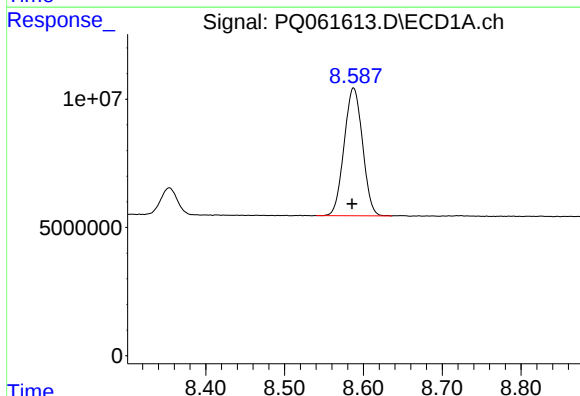
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 102697300
Conc: 22.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



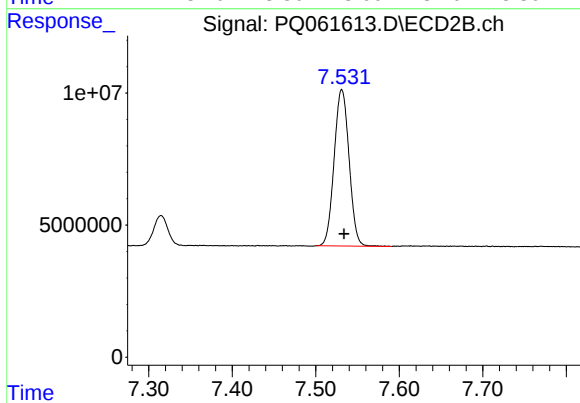
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 50749354
Conc: 19.00 ng/ml



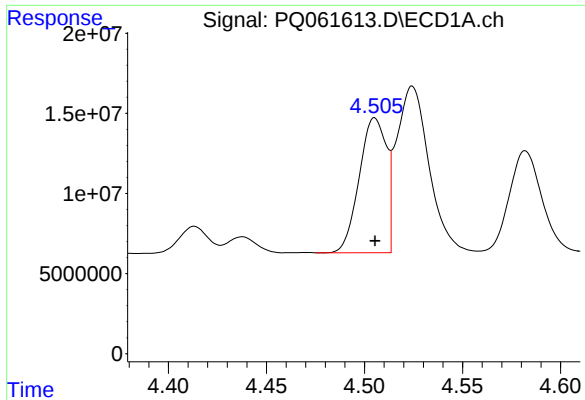
#2 Decachlorobiphenyl

R.T.: 8.588 min
Delta R.T.: 0.002 min
Response: 80760568
Conc: 23.97 ng/ml



#2 Decachlorobiphenyl

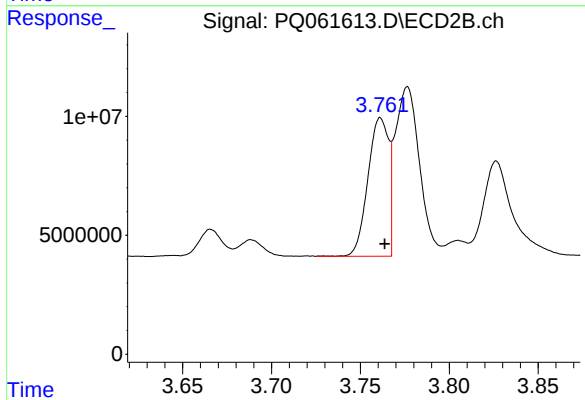
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 73484599
Conc: 21.89 ng/ml



#3 AR-1016-1

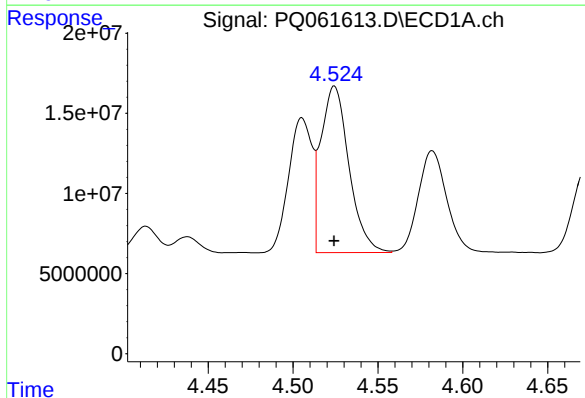
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81303247
Conc: 528.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



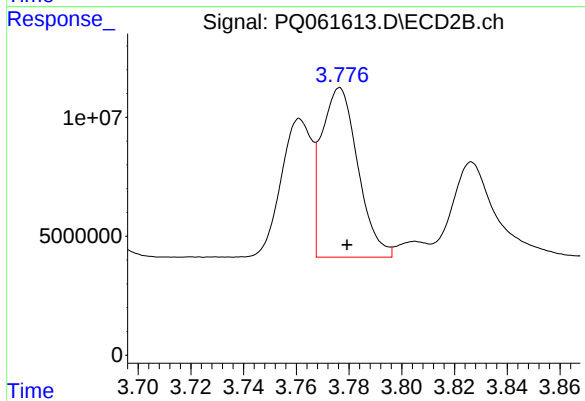
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 47133161
Conc: 456.98 ng/ml



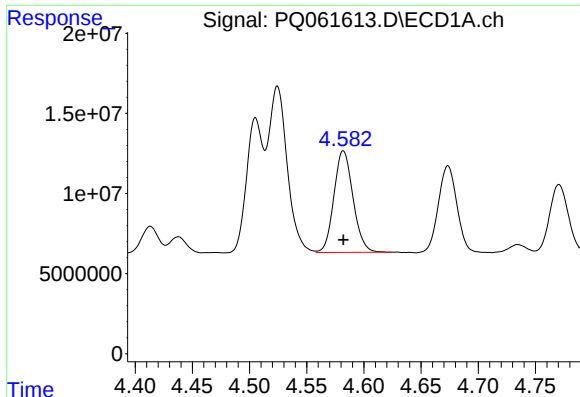
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 119399098
Conc: 523.30 ng/ml



#4 AR-1016-2

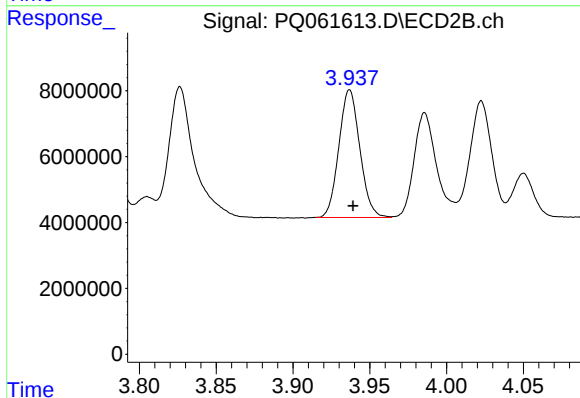
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 68169502
Conc: 457.56 ng/ml



#5 AR-1016-3

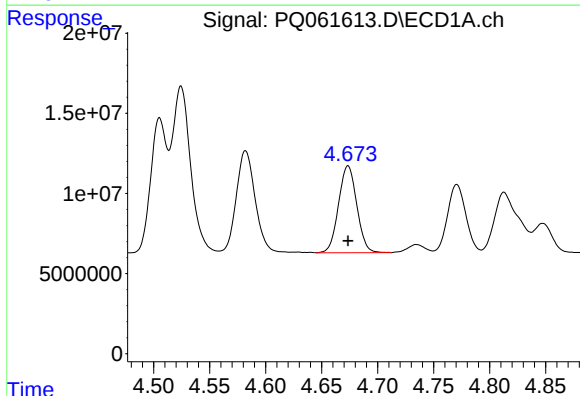
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 73665634
Conc: 518.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



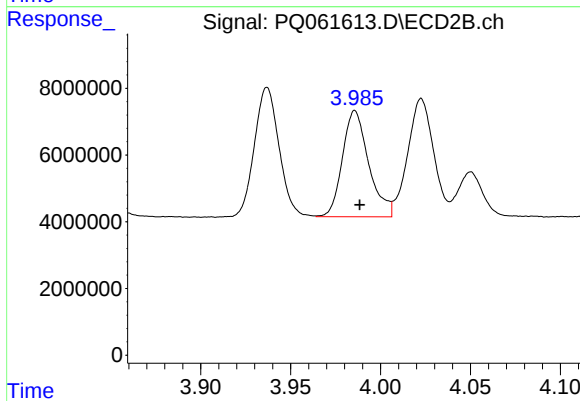
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 36886117
Conc: 466.76 ng/ml



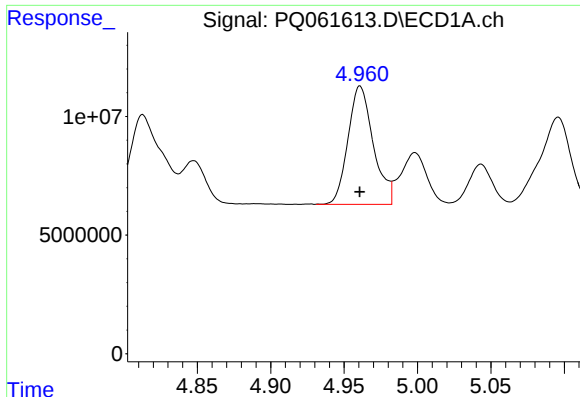
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 61546254
Conc: 534.54 ng/ml



#6 AR-1016-4

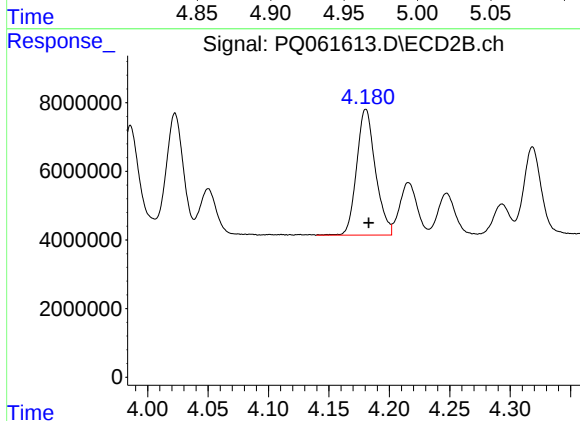
R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 32375562
Conc: 455.95 ng/ml



#7 AR-1016-5

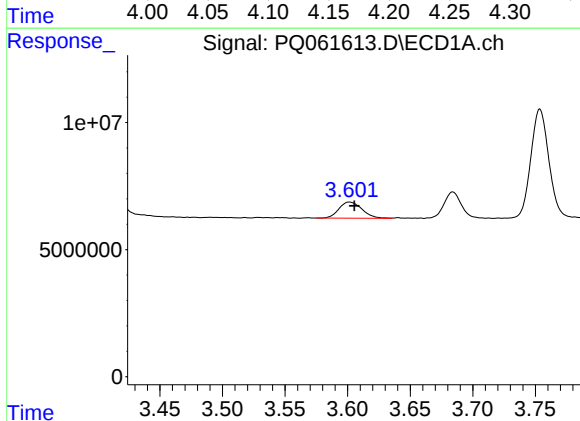
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 59890831
Conc: 518.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



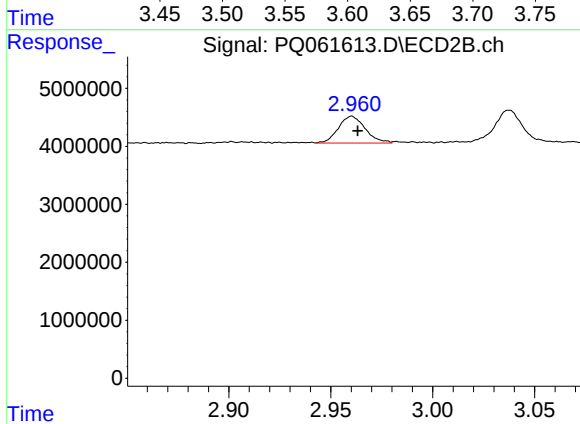
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 39734020
Conc: 464.11 ng/ml



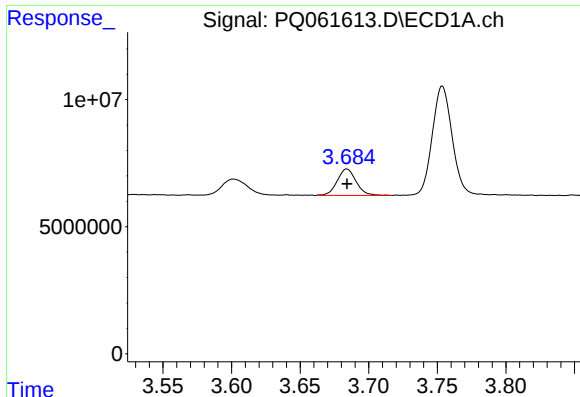
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 8135284
Conc: 144.99 ng/ml



#8 AR-1221-1

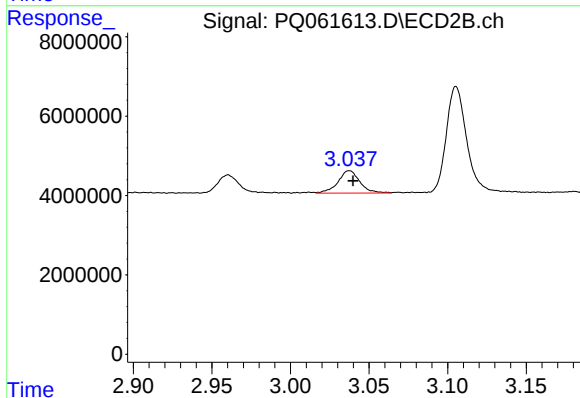
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 4273119
Conc: 120.01 ng/ml



#9 AR-1221-2

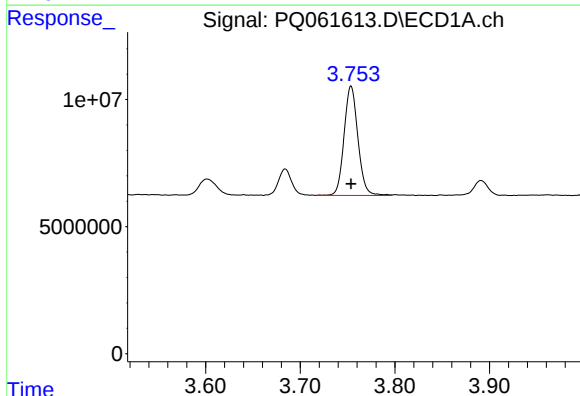
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10050681
Conc: 238.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



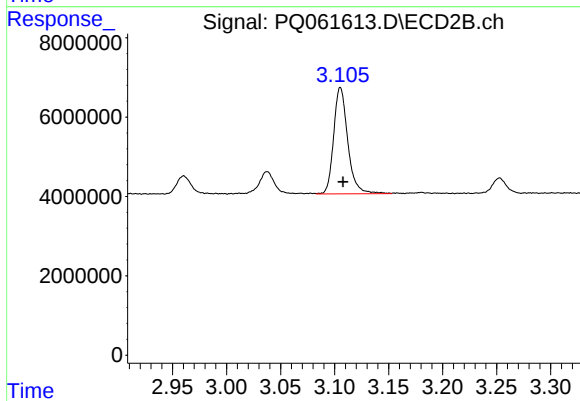
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.002 min
Response: 5463347
Conc: 198.36 ng/ml



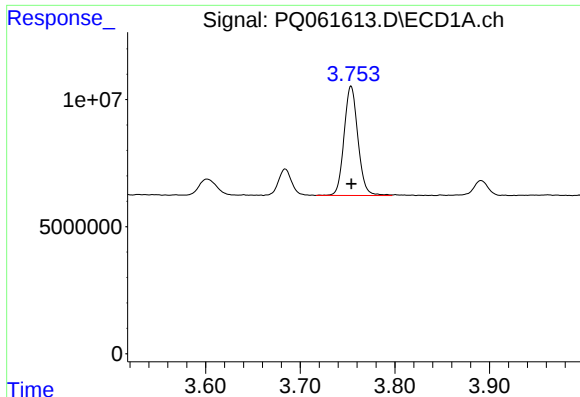
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 43865382
Conc: 334.64 ng/ml



#10 AR-1221-3

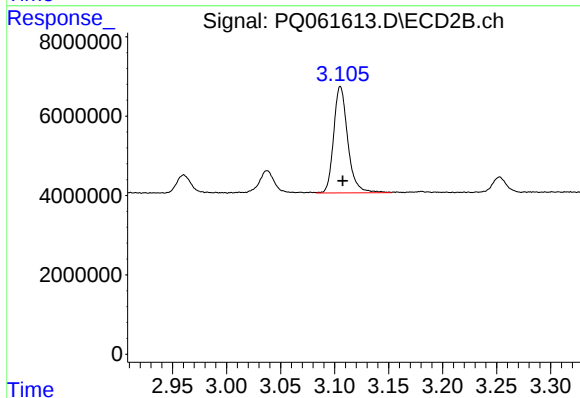
R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 24379060
Conc: 287.69 ng/ml



#11 AR-1232-1

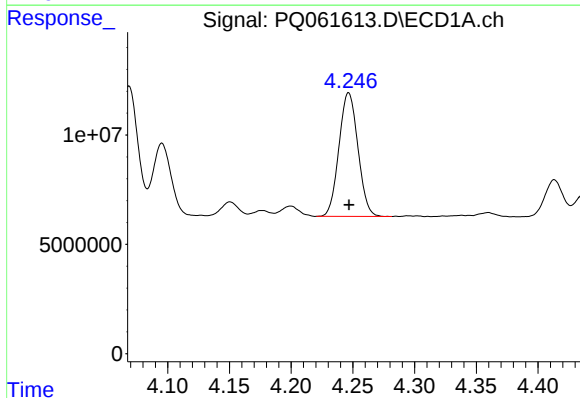
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 43865382
Conc: 458.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



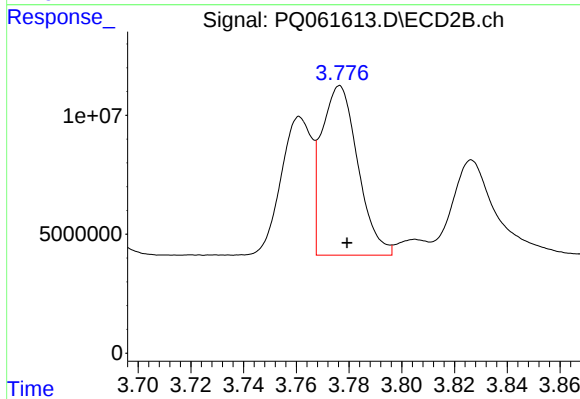
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 24379060
Conc: 395.87 ng/ml



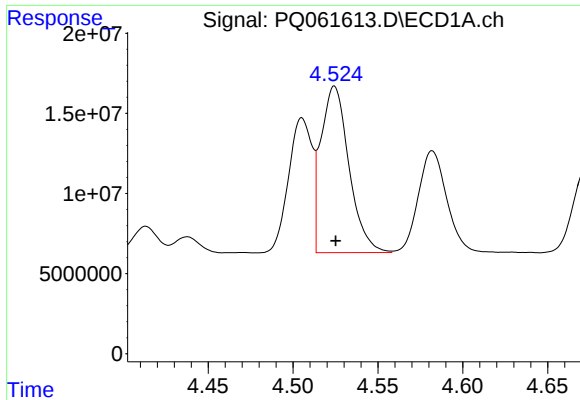
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 60496477
Conc: 1101.22 ng/ml



#12 AR-1232-2

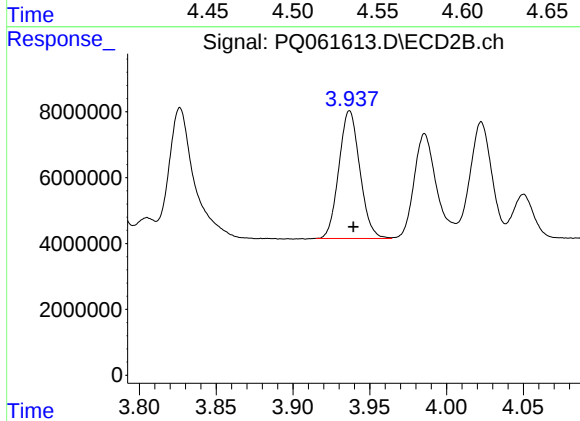
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 68169502
Conc: 989.43 ng/ml



#13 AR-1232-3

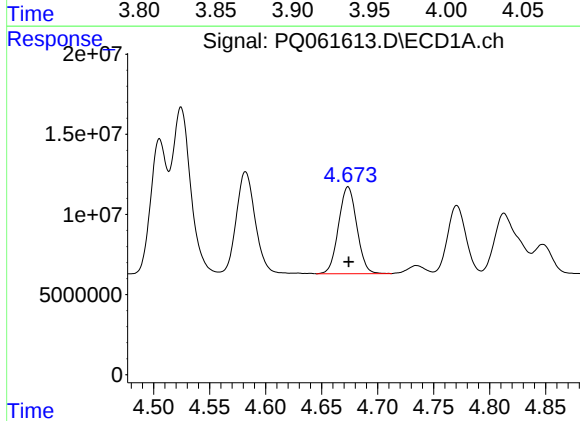
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 119399098
Conc: 1143.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



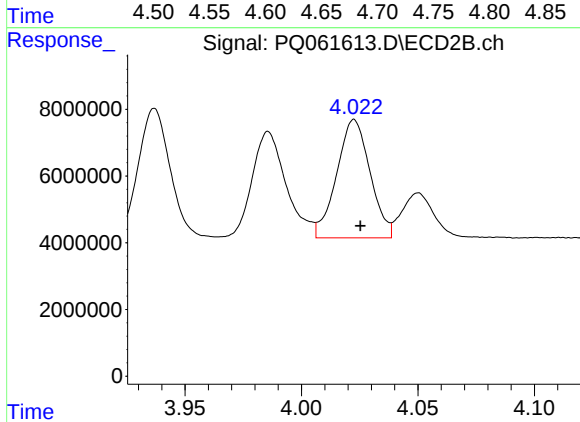
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 36886117
Conc: 1020.08 ng/ml



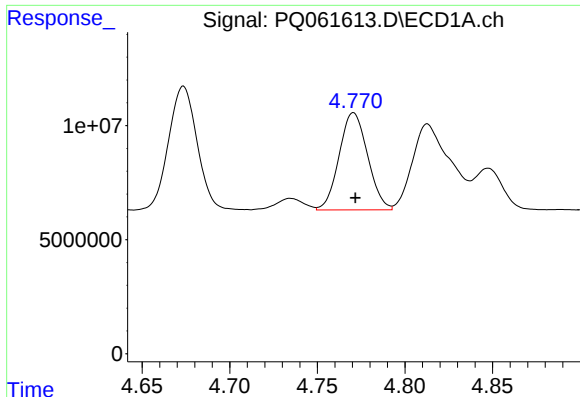
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 61546254
Conc: 1159.99 ng/ml



#14 AR-1232-4

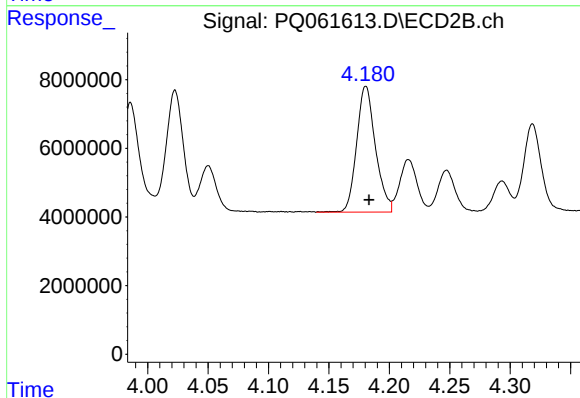
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 35434548
Conc: 1099.40 ng/ml



#15 AR-1232-5

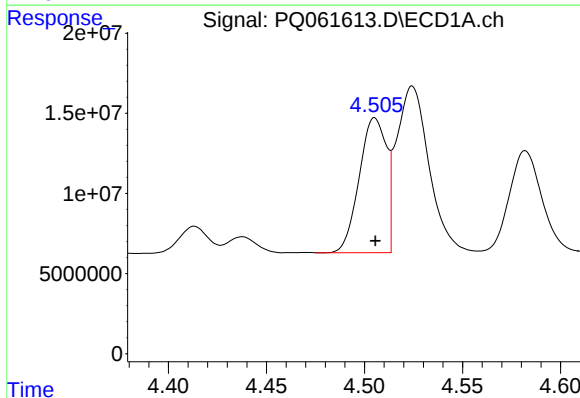
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 48292779
Conc: 1280.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



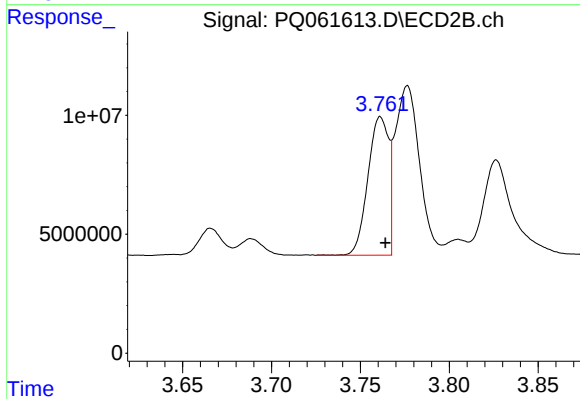
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.003 min
Response: 39734020
Conc: 1036.78 ng/ml



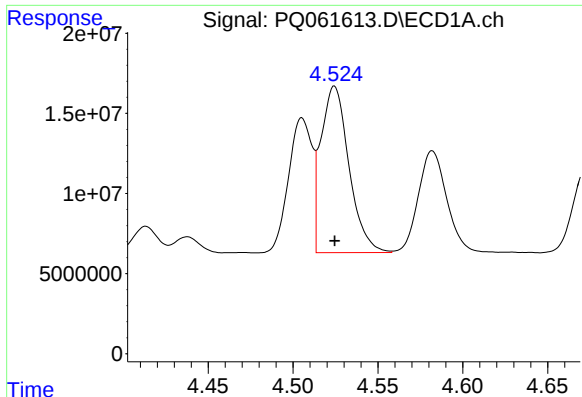
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81303247
Conc: 716.53 ng/ml



#16 AR-1242-1

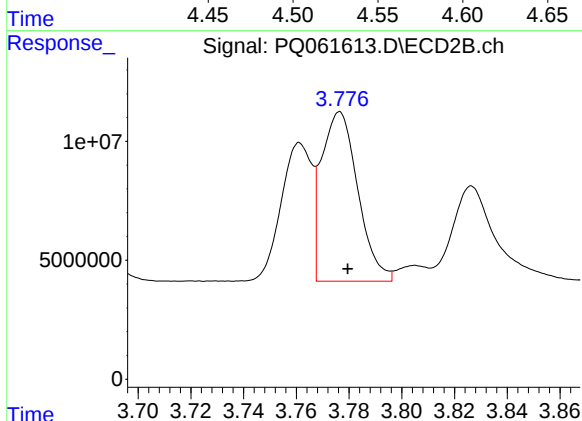
R.T.: 3.761 min
Delta R.T.: -0.003 min
Response: 47133161
Conc: 615.40 ng/ml



#17 AR-1242-2

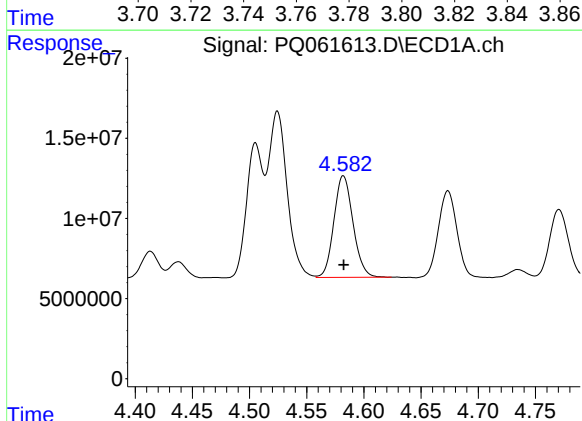
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 119399098
Conc: 703.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



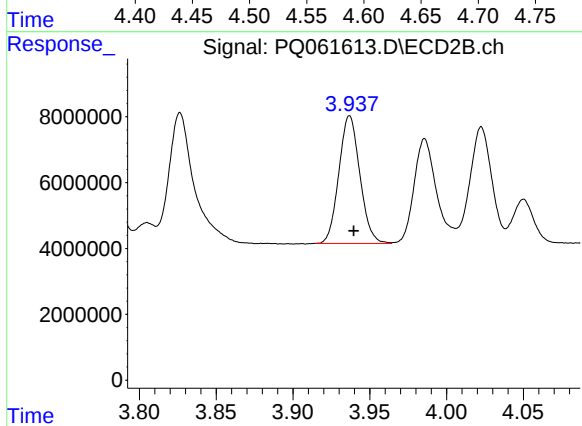
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 68169502
Conc: 615.11 ng/ml



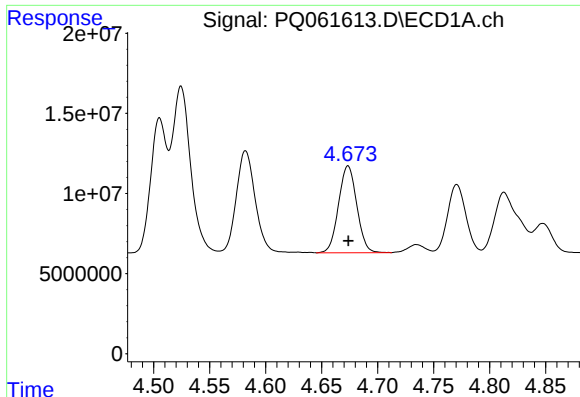
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 73665634
Conc: 688.59 ng/ml



#18 AR-1242-3

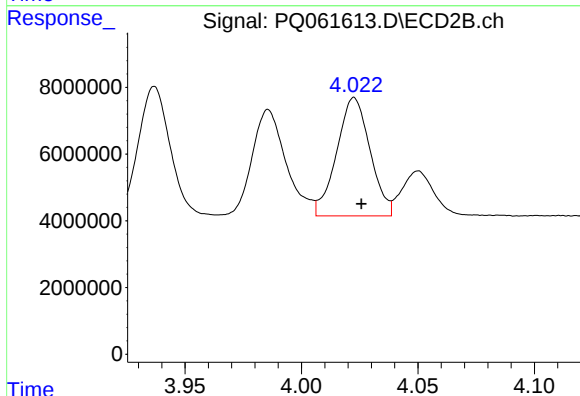
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 36886117
Conc: 623.26 ng/ml



#19 AR-1242-4

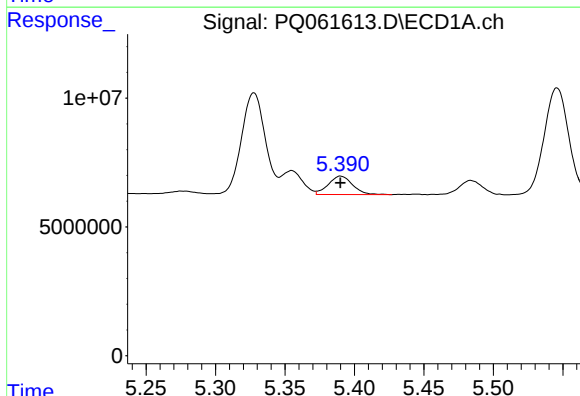
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 61546254
Conc: 709.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



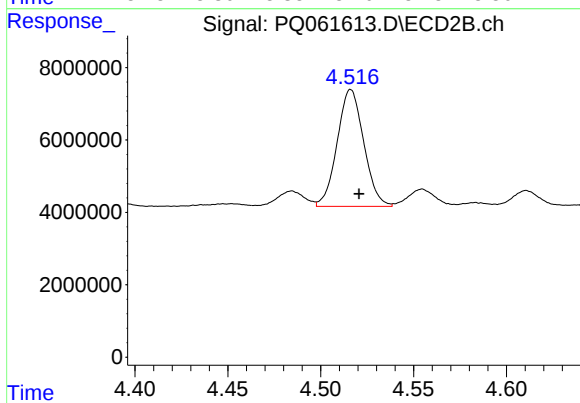
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 35434548
Conc: 591.70 ng/ml



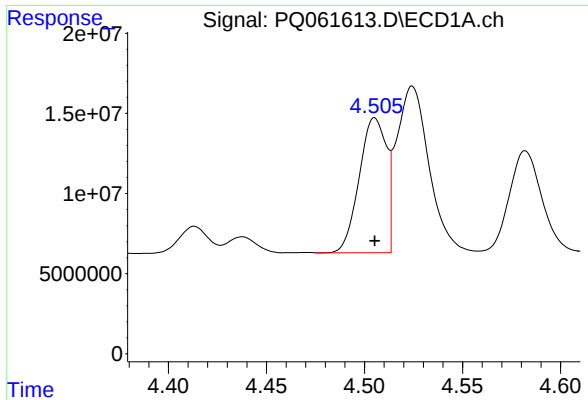
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8738567
Conc: 98.53 ng/ml



#20 AR-1242-5

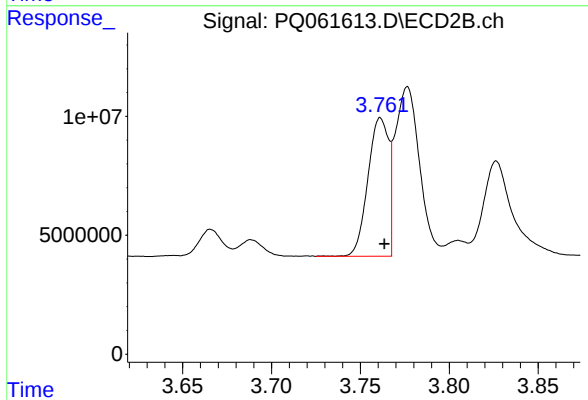
R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 32135961
Conc: 401.35 ng/ml



#21 AR-1248-1

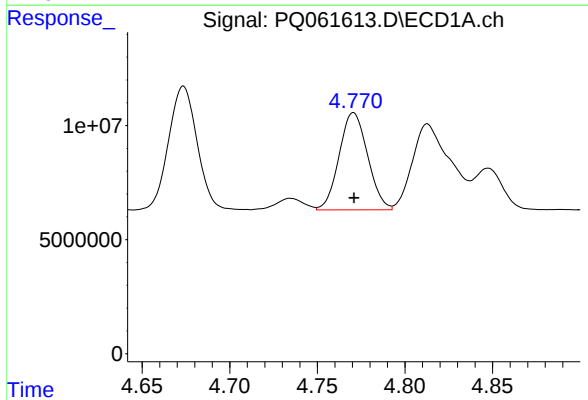
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 81303247
Conc: 902.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



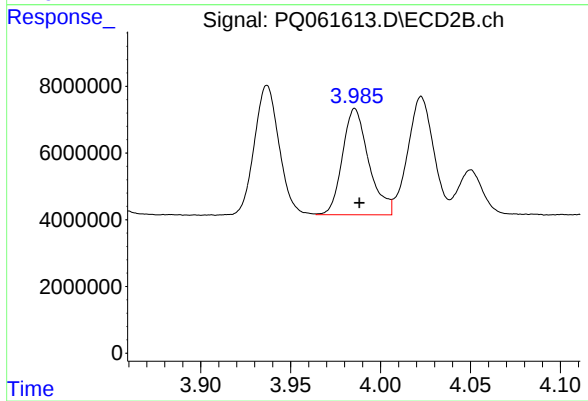
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 47133161
Conc: 757.34 ng/ml



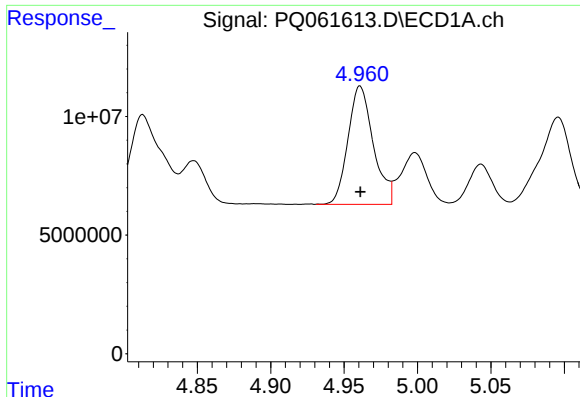
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 48292779
Conc: 379.88 ng/ml



#22 AR-1248-2

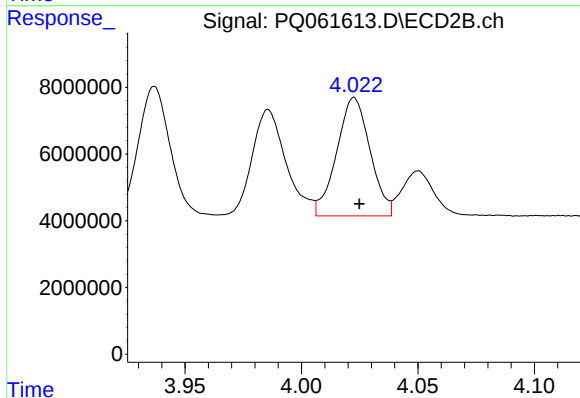
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 32375562
Conc: 334.96 ng/ml



#23 AR-1248-3

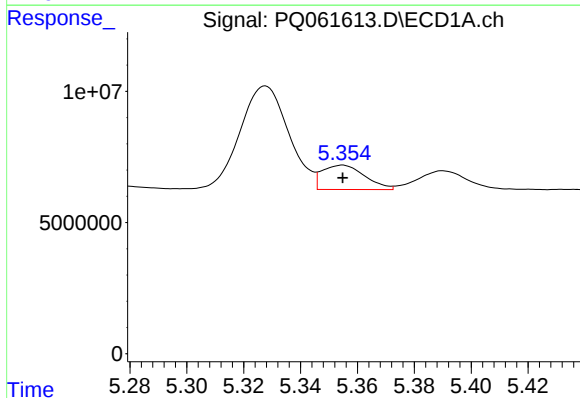
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 59890831
Conc: 388.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



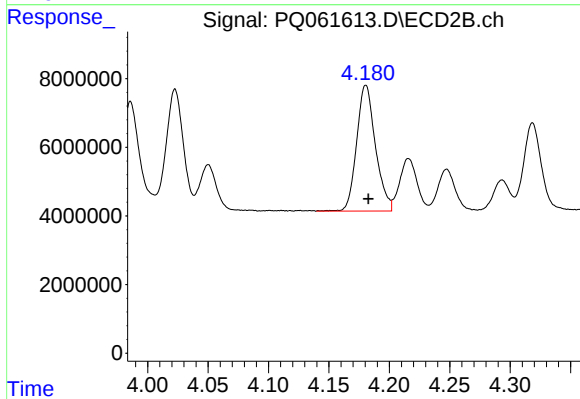
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 35434548
Conc: 387.63 ng/ml



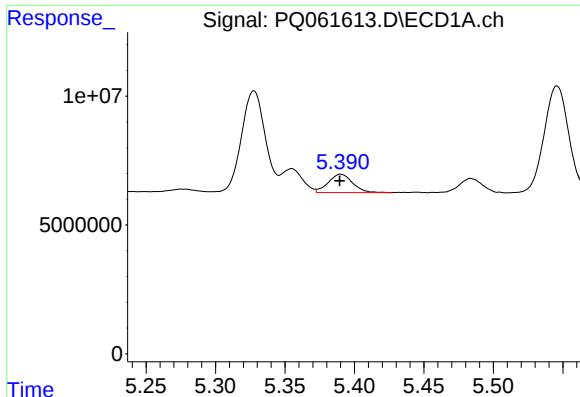
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 9668348
Conc: 56.96 ng/ml



#24 AR-1248-4

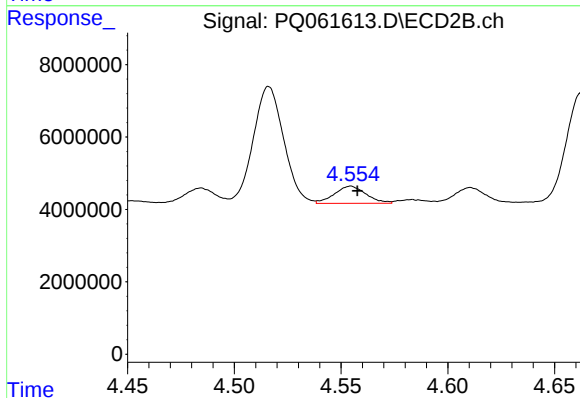
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 39734020
Conc: 350.91 ng/ml



#25 AR-1248-5

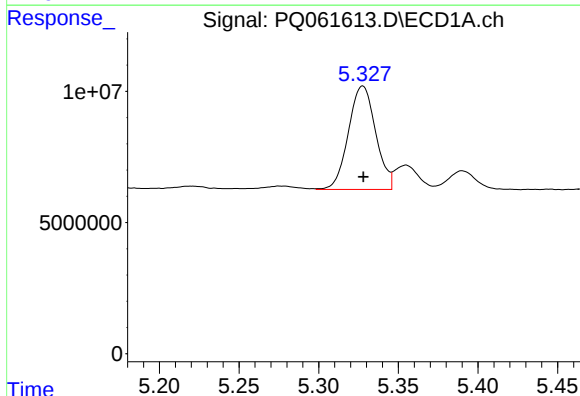
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8738567
Conc: 53.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



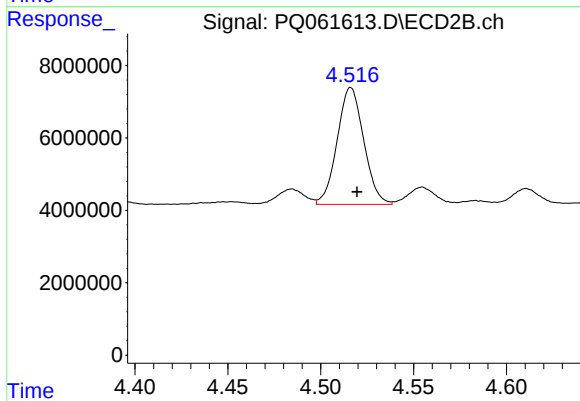
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 4891137
Conc: 44.41 ng/ml



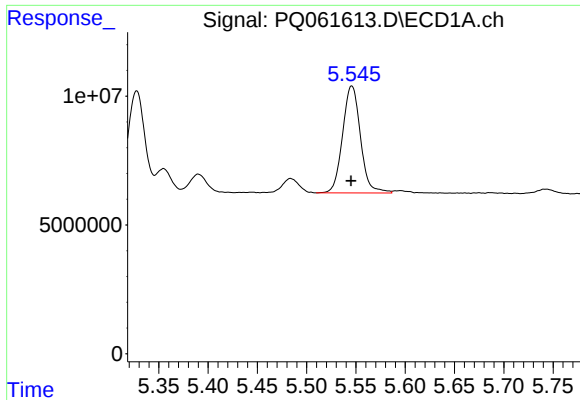
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 47040546
Conc: 275.41 ng/ml



#26 AR-1254-1

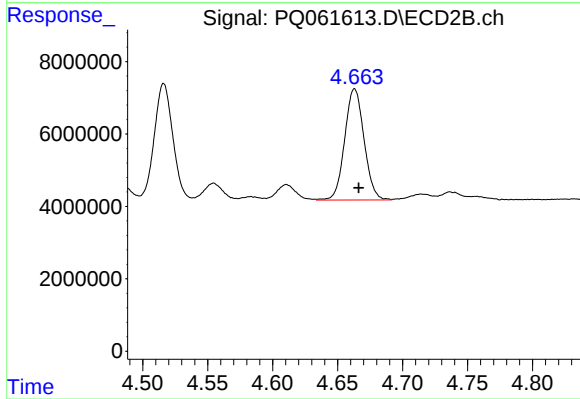
R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 32135961
Conc: 195.42 ng/ml



#27 AR-1254-2

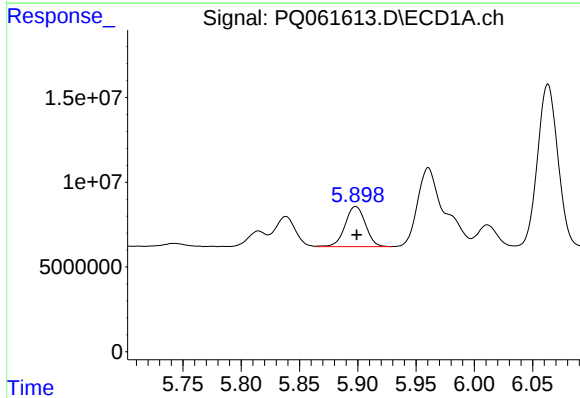
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 52430264
Conc: 196.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



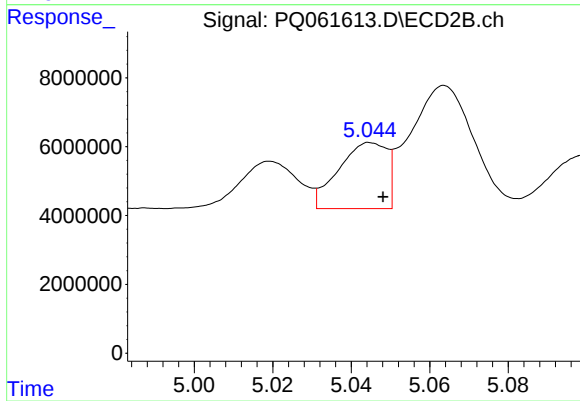
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 31857013
Conc: 211.81 ng/ml



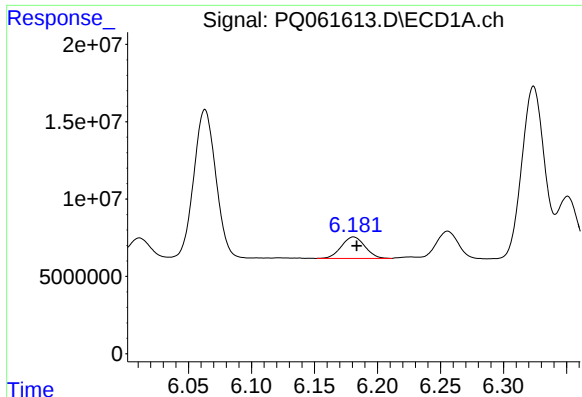
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 28807956
Conc: 103.09 ng/ml



#28 AR-1254-3

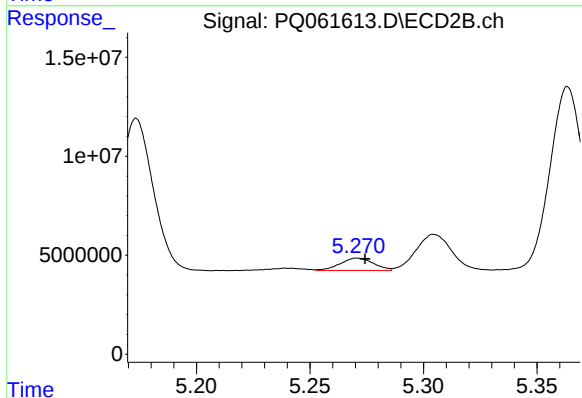
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 16397834
Conc: 70.47 ng/ml



#29 AR-1254-4

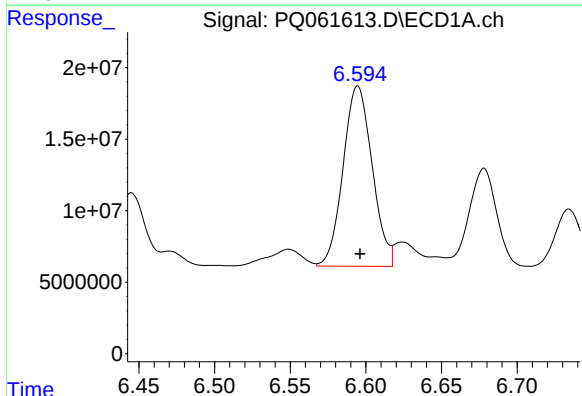
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 18059132
Conc: 88.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



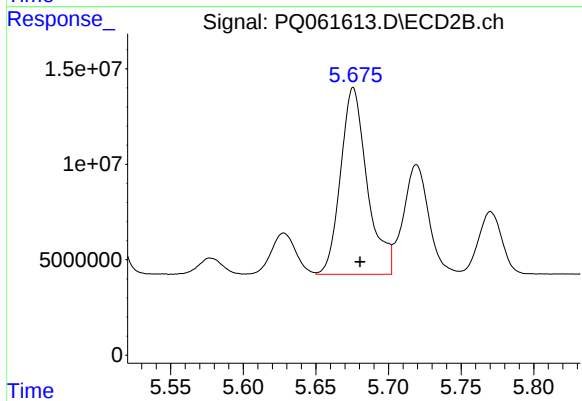
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 6390038
Conc: 44.48 ng/ml



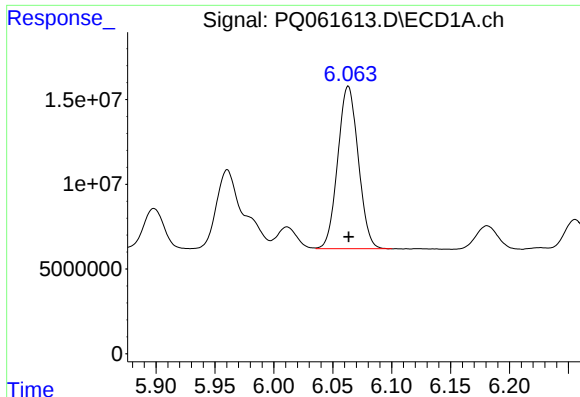
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 168513697
Conc: 714.39 ng/ml



#30 AR-1254-5

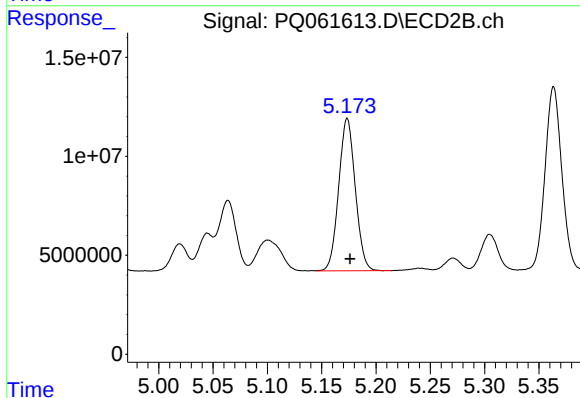
R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 124881894
Conc: 547.46 ng/ml



#31 AR-1260-1

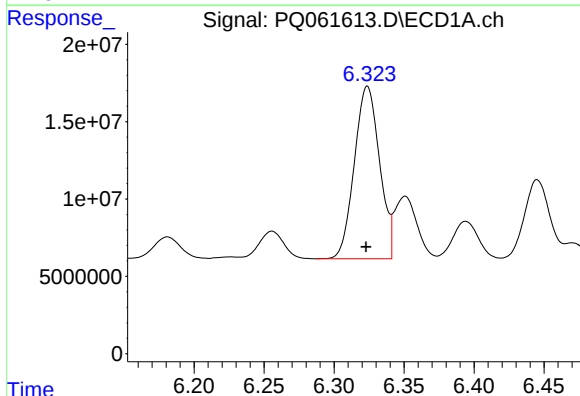
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 116316732
Conc: 523.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



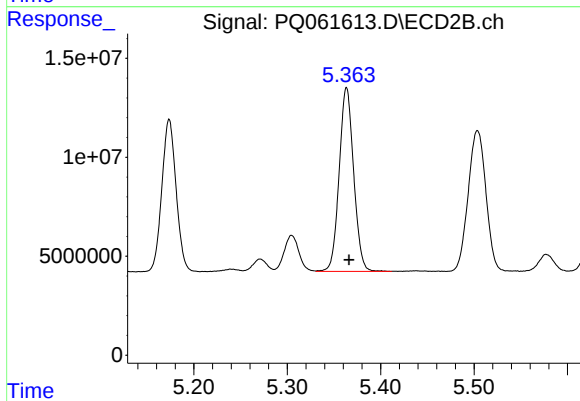
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 81776149
Conc: 475.42 ng/ml



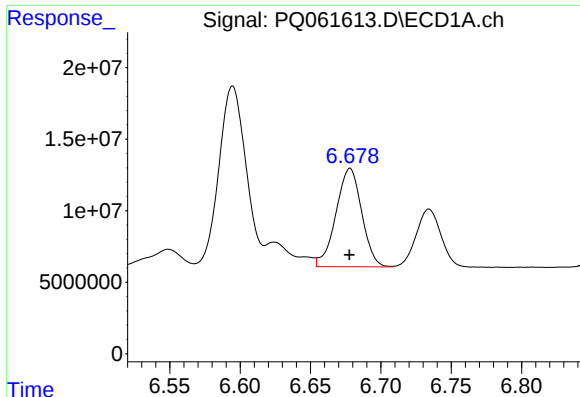
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 139707615
Conc: 525.13 ng/ml



#32 AR-1260-2

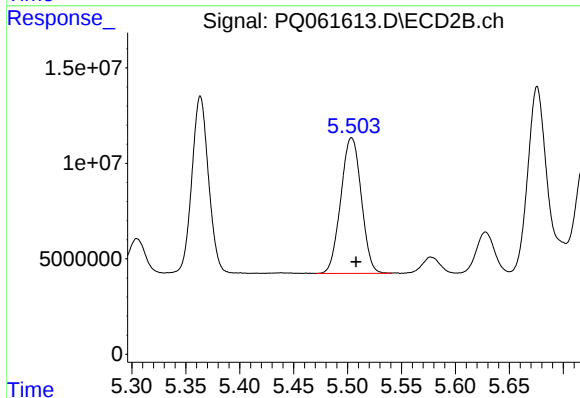
R.T.: 5.364 min
Delta R.T.: -0.003 min
Response: 100082055
Conc: 482.94 ng/ml



#33 AR-1260-3

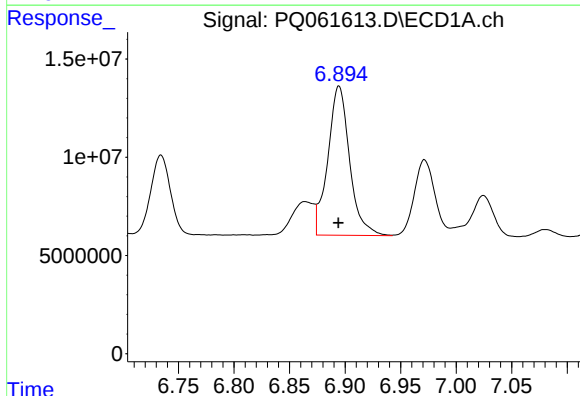
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 87642038
Conc: 521.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



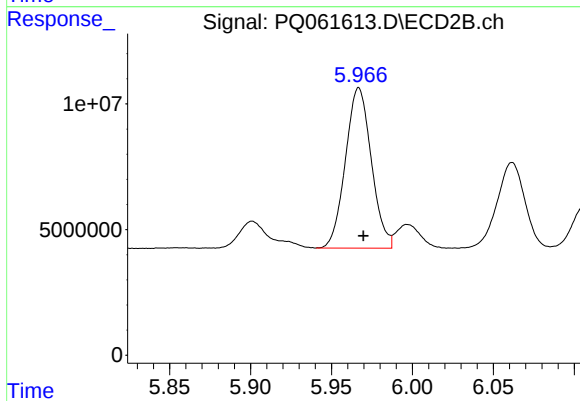
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 94018999
Conc: 473.38 ng/ml



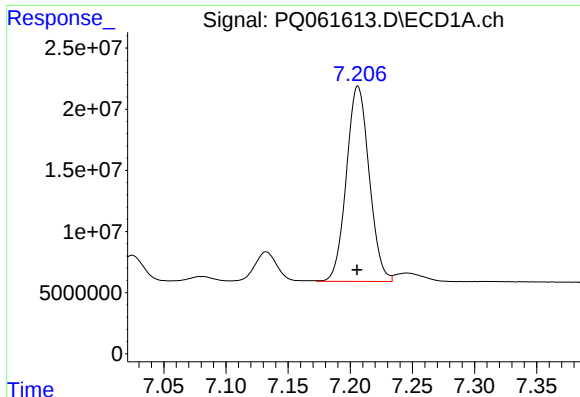
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 103397098
Conc: 515.19 ng/ml



#34 AR-1260-4

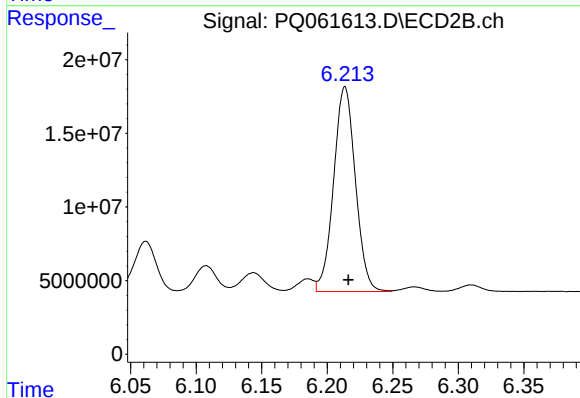
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 71104802
Conc: 483.36 ng/ml



#35 AR-1260-5

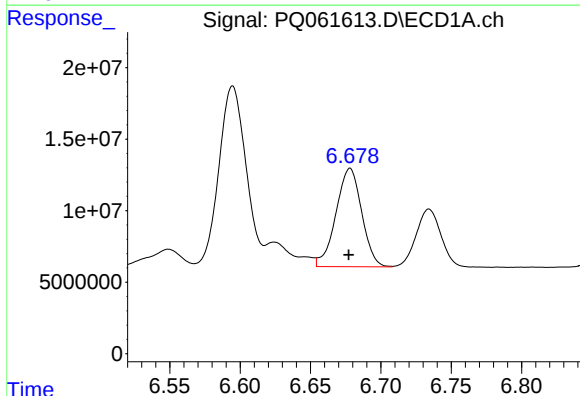
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 203932740
Conc: 535.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



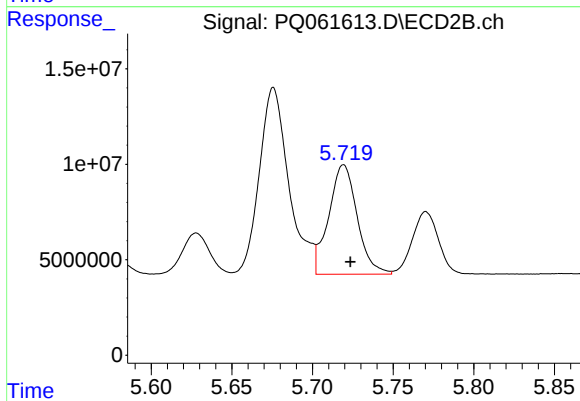
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 161059929
Conc: 496.01 ng/ml



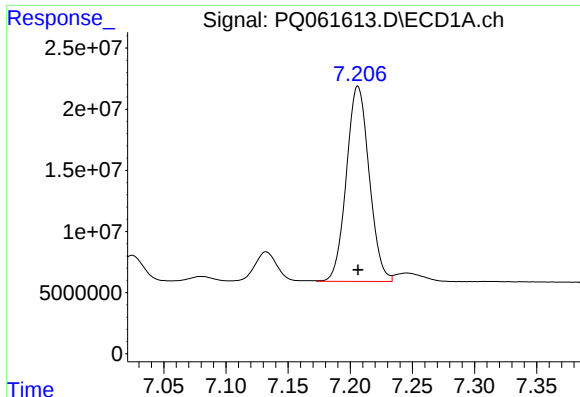
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 87642038
Conc: 292.73 ng/ml



#36 AR-1262-1

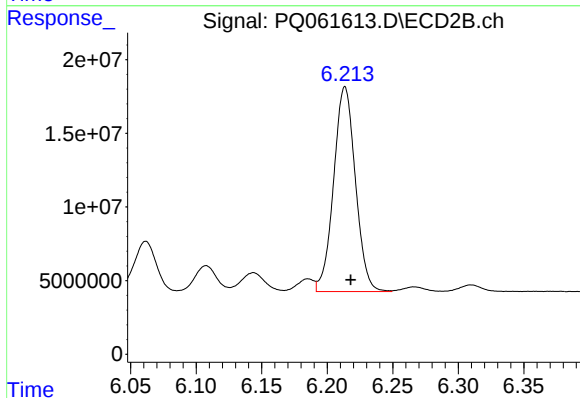
R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 70421898
Conc: 290.58 ng/ml



#37 AR-1262-2

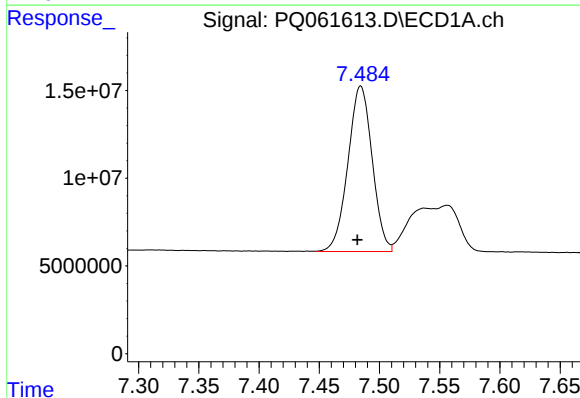
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 203932740
Conc: 404.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



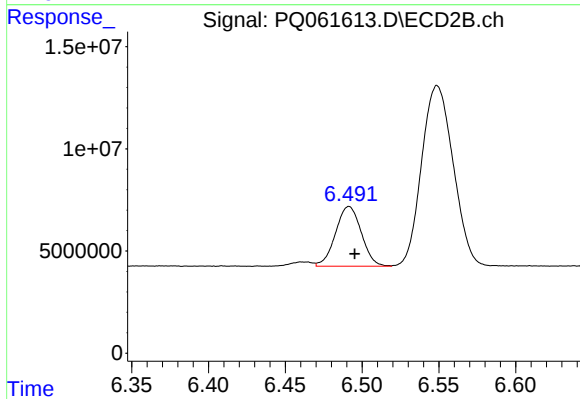
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 161059929
Conc: 368.52 ng/ml



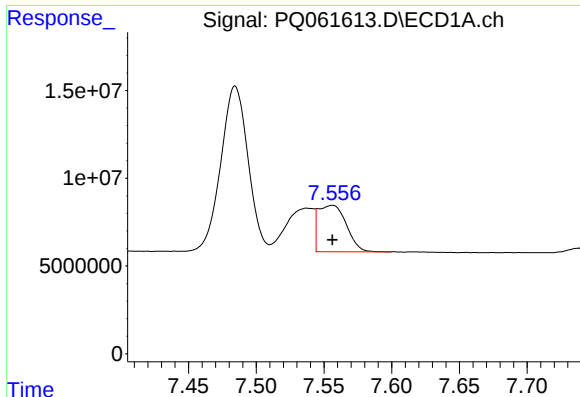
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.003 min
Response: 132179800
Conc: 391.13 ng/ml



#38 AR-1262-3

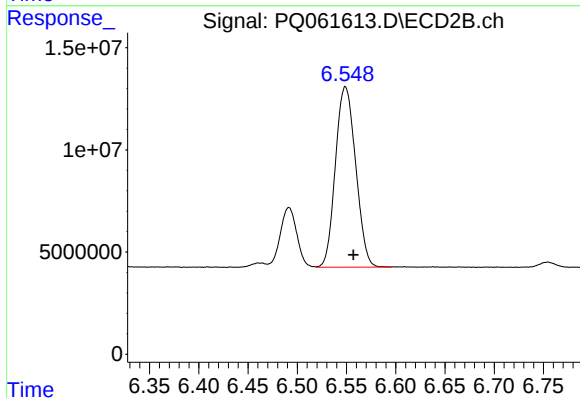
R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 34161917
Conc: 189.56 ng/ml



#39 AR-1262-4

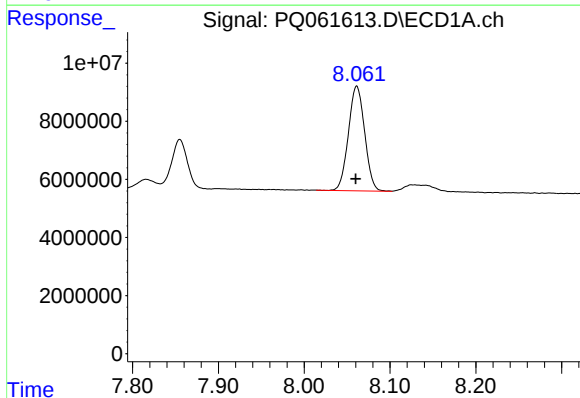
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 38015435
Conc: 148.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



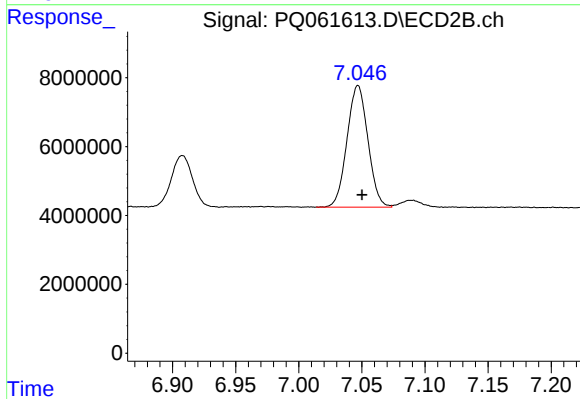
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 126390489
Conc: 381.12 ng/ml



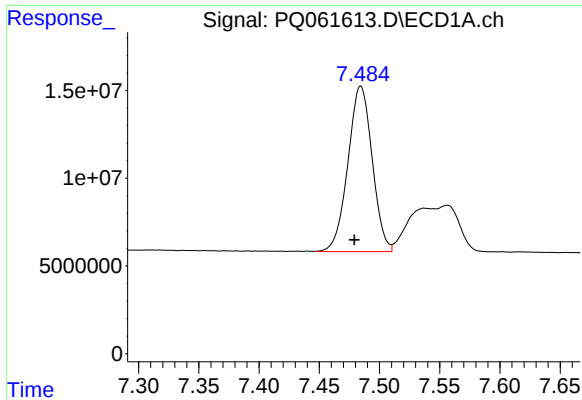
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.001 min
Response: 47421219
Conc: 278.44 ng/ml



#40 AR-1262-5

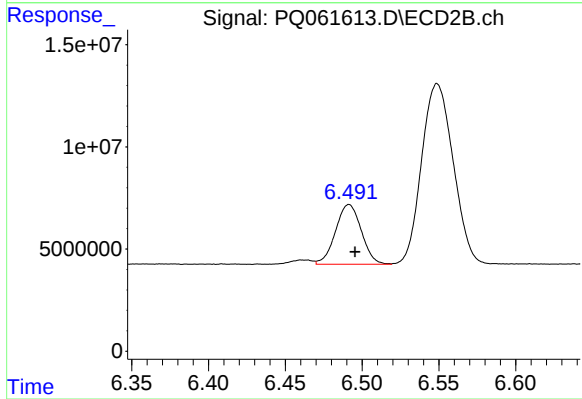
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 40787463
Conc: 254.25 ng/ml



#41 AR-1268-1

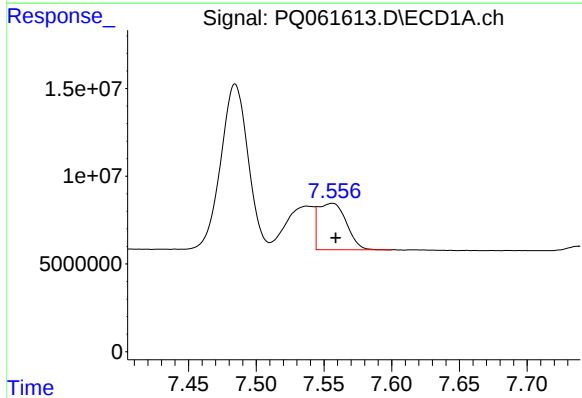
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 132179800
Conc: 240.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



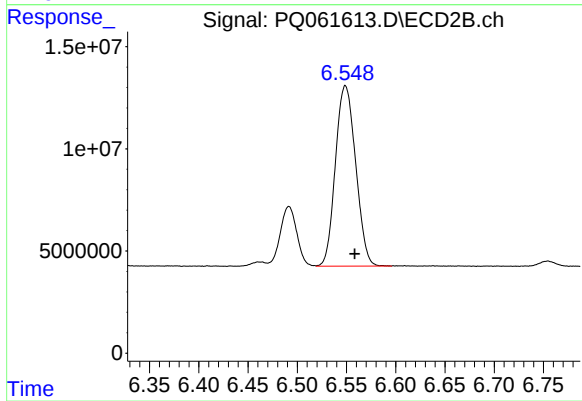
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 34161917
Conc: 69.53 ng/ml



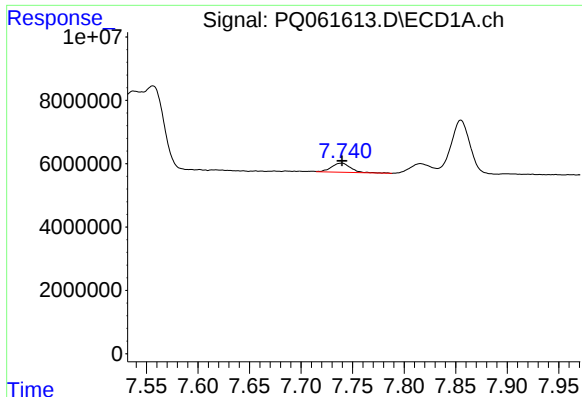
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 38015435
Conc: 77.15 ng/ml



#42 AR-1268-2

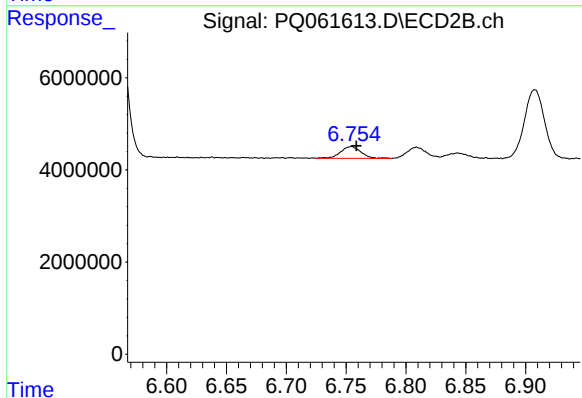
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 126390489
Conc: 284.10 ng/ml



#43 AR-1268-3

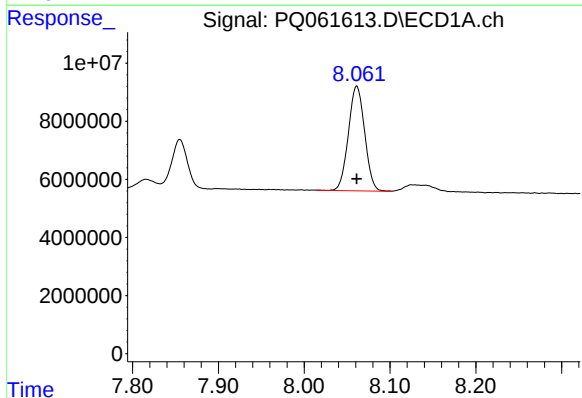
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 3846806
Conc: 9.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



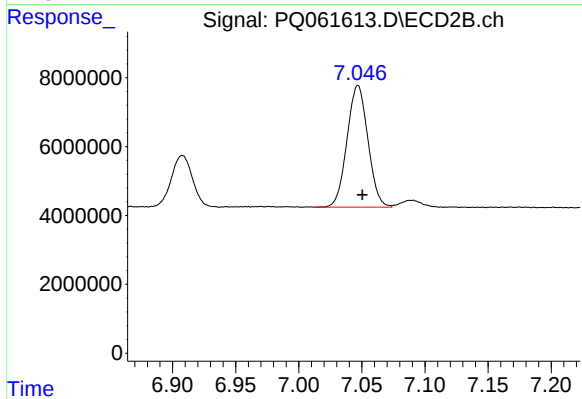
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 3090484
Conc: 7.89 ng/ml



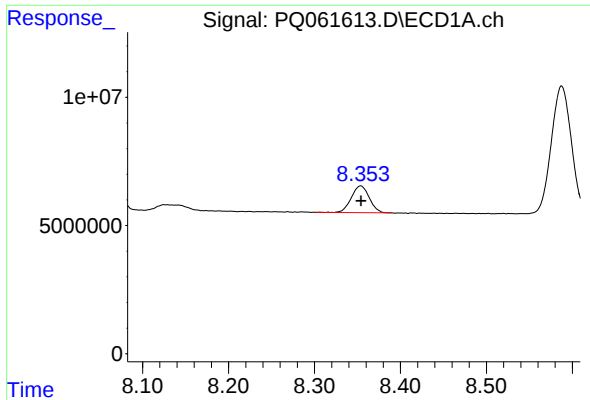
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 47421219
Conc: 267.90 ng/ml



#44 AR-1268-4

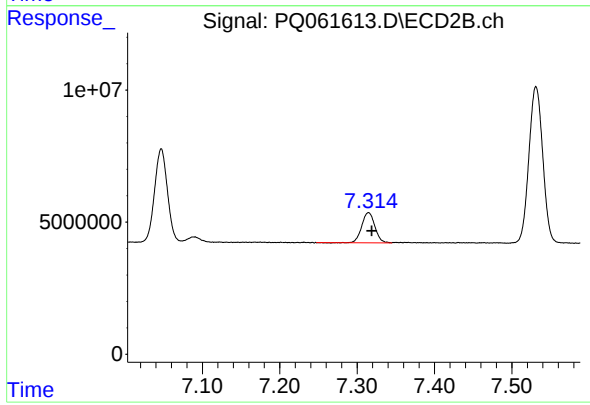
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 40787463
Conc: 242.96 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 15025216
Conc: 12.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 13415708
Conc: 10.82 ng/ml