

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 19:58
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:13:07 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...	3.402	2.755	229.6E6	125.1E6	47.063	49.848
2)	SA Decachlor...	8.583	7.524	181.2E6	171.8E6	49.878	51.572
Target Compounds							
3)	L1 AR-1016-1	4.503	3.757	77983047	47404276	473.434	478.950
4)	L1 AR-1016-2	4.522	3.771	118.8E6	72031860	480.447	499.531
5)	L1 AR-1016-3	4.579	3.932	73723368	37037415	483.731	490.934
6)	L1 AR-1016-4	4.671	3.982	60509618	32227101	482.744	490.675
7)	L1 AR-1016-5	4.958	4.176	59268553	40197864	486.938	490.328
8)	L2 AR-1221-1	3.599	2.956	8098382	4835965	134.731	146.560
9)	L2 AR-1221-2	3.680	3.033	11540384	6954176	256.837	273.786
10)	L2 AR-1221-3	3.750	3.101	43122253	26338466	306.880	341.655
11)	L3 AR-1232-1	3.750	3.101	43122253	26338466	408.350	459.670
12)	L3 AR-1232-2	4.243	3.771	60050129	72031860	1015.198	1082.291
13)	L3 AR-1232-3	4.522	3.932	118.8E6	37037415	1050.572	1071.840
14)	L3 AR-1232-4	4.671	4.018	60509618	35990535	1067.821	1210.180
15)	L3 AR-1232-5	4.768	4.176	47076330	40197864	1175.439	1127.227
16)	L4 AR-1242-1	4.503	3.757	77983047	47404276	596.638	612.941
17)	L4 AR-1242-2	4.522	3.771	118.8E6	72031860	611.931	648.009
18)	L4 AR-1242-3	4.579	3.932	73723368	37037415	610.070	632.296
19)	L4 AR-1242-4	4.671	4.018	60509618	35990535	620.702	613.878
20)	L4 AR-1242-5	5.389	4.511	5025283	32993668	52.494	398.029 #
21)	L5 AR-1248-1	4.503	3.757	77983047	47404276	749.991	758.221
22)	L5 AR-1248-2	4.768	3.982	47076330	32227101	327.688	343.687
23)	L5 AR-1248-3	4.958	4.018	59268553	35990535	341.187	397.493
24)	L5 AR-1248-4	5.352	4.176	7821838	40197864	40.753	356.239 #
25)	L5 AR-1248-5	5.389	4.550	5025283	5328845	27.745	47.565 #
26)	L6 AR-1254-1	5.325	4.511	45591089	32993668	245.349	204.342
27)	L6 AR-1254-2	5.543	4.659	52396730	33151946	180.235	225.179
28)	L6 AR-1254-3	5.896	5.041	28740119	17810125	93.573	76.209
29)	L6 AR-1254-4	6.179	5.266	19802733	7232469	85.286	47.453 #
30)	L6 AR-1254-5	6.593	5.671	170.7E6	129.1E6	664.442	559.152
31)	L7 AR-1260-1	6.061	5.169	116.3E6	83846534	493.080	503.422
32)	L7 AR-1260-2	6.322	5.360	142.4E6	103.7E6	492.945	498.789
33)	L7 AR-1260-3	6.676	5.500	87566041	96579492	495.910	496.403
34)	L7 AR-1260-4	6.893	5.962	103.9E6	74379051	493.061	509.929
35)	L7 AR-1260-5	7.203	6.209	208.1E6	169.9E6	506.746	511.774
36)	L8 AR-1262-1	6.676	5.715	87566041	73716571	287.157	317.099
37)	L8 AR-1262-2	7.203	5.962	208.1E6	74379051	395.043	344.017
38)	L8 AR-1262-3	7.482	6.486	133.5E6	36443665	378.912	209.053 #
39)	L8 AR-1262-4	7.552	6.544	31774292	135.4E6	119.130	420.157 #
40)	L8 AR-1262-5	8.057	7.041	48024812	44686593	270.549	288.087
41)	L9 AR-1268-1	7.482	6.486	133.5E6	36443665	235.237	77.451 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

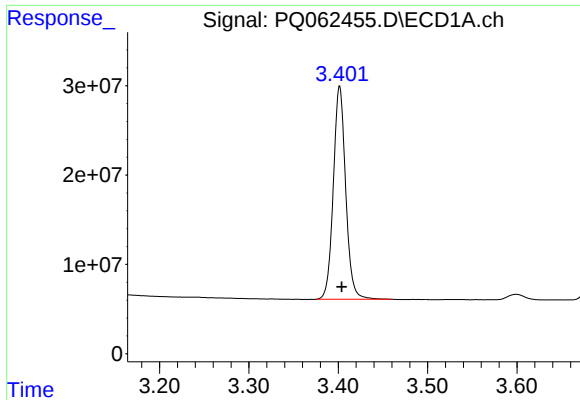
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:13:07 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	7.552	6.544	31774292	135.4E6	62.318	319.597 #
43) L9	AR-1268-3	7.736	6.748	4074270	3549515	9.547	9.637
44) L9	AR-1268-4	8.057	7.041	48024812	44686593	262.452	279.402
45) L9	AR-1268-5	8.349	7.309	15928110	16006131	12.634	13.716

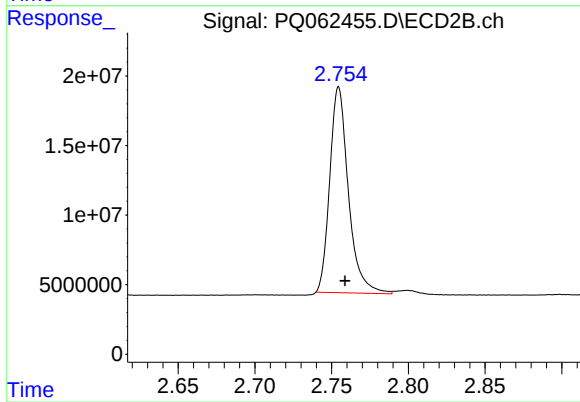
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

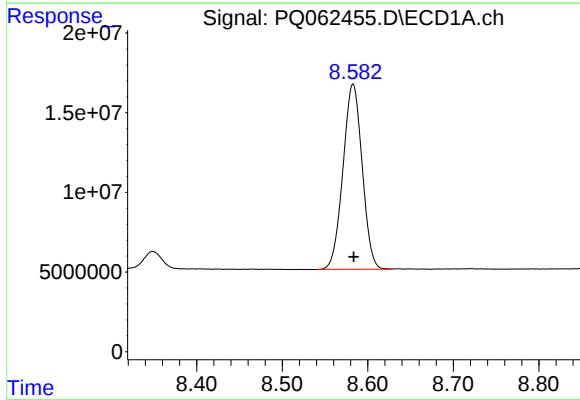
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 229581096
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



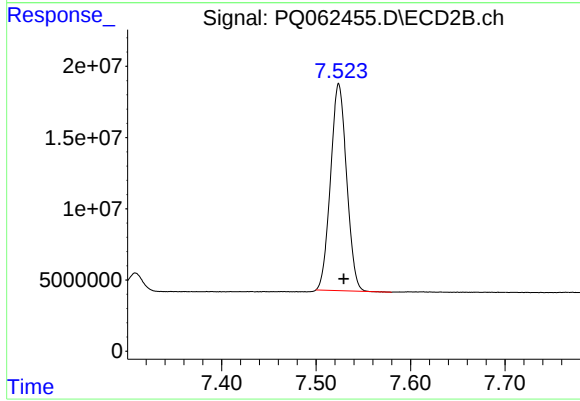
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 125073717
Conc: 49.85 ng/ml



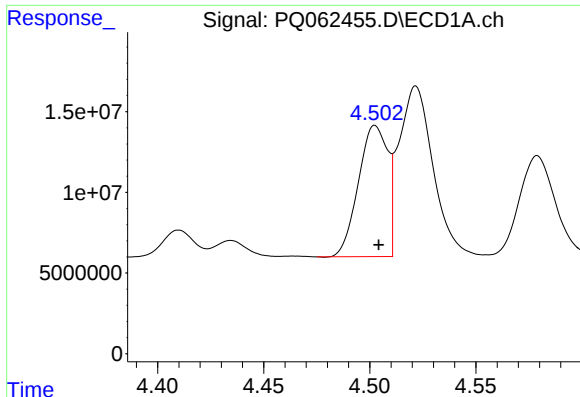
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 181195247
Conc: 49.88 ng/ml



#2 Decachlorobiphenyl

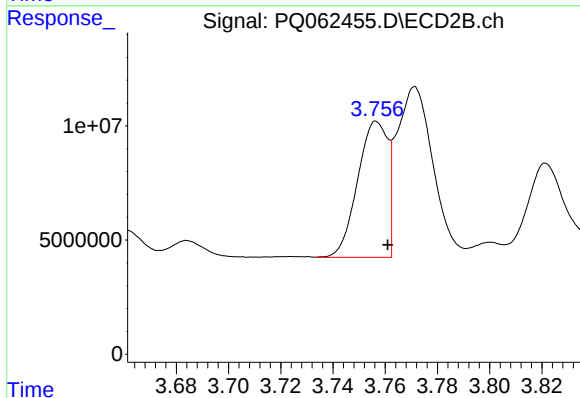
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 171848571
Conc: 51.57 ng/ml



#3 AR-1016-1

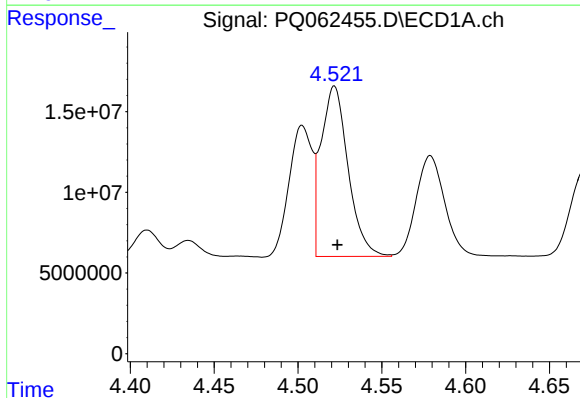
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 77983047
Conc: 473.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



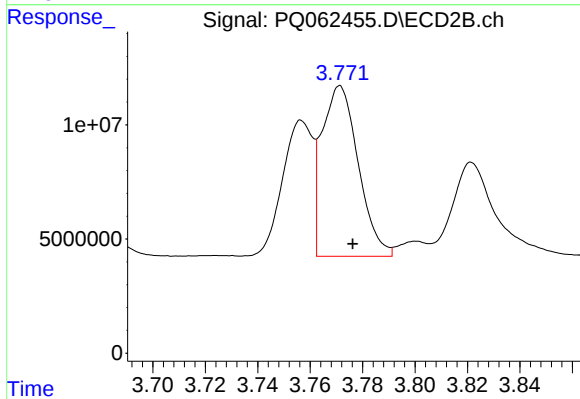
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 47404276
Conc: 478.95 ng/ml



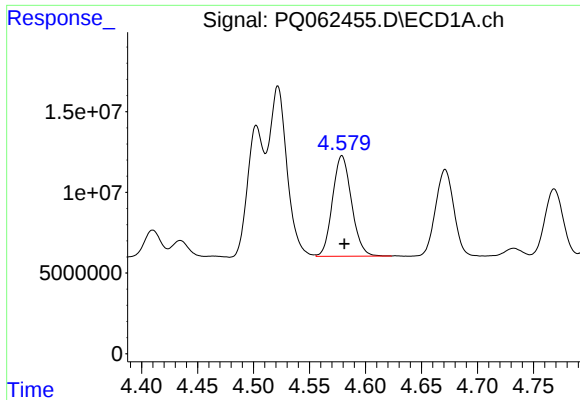
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 118799320
Conc: 480.45 ng/ml



#4 AR-1016-2

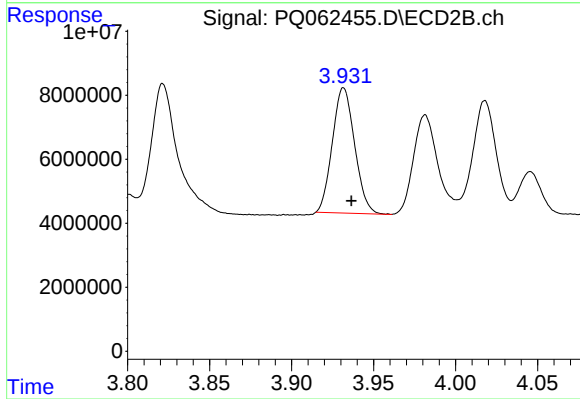
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 72031860
Conc: 499.53 ng/ml



#5 AR-1016-3

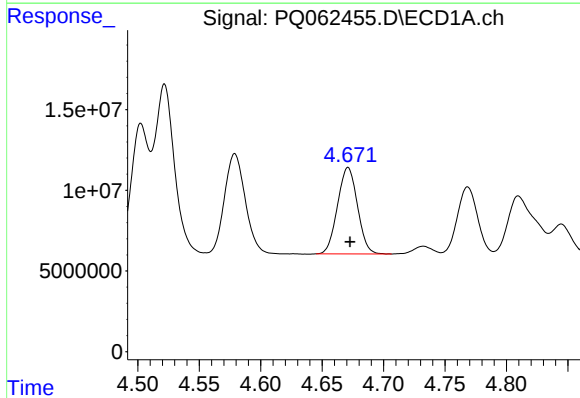
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 73723368
Conc: 483.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



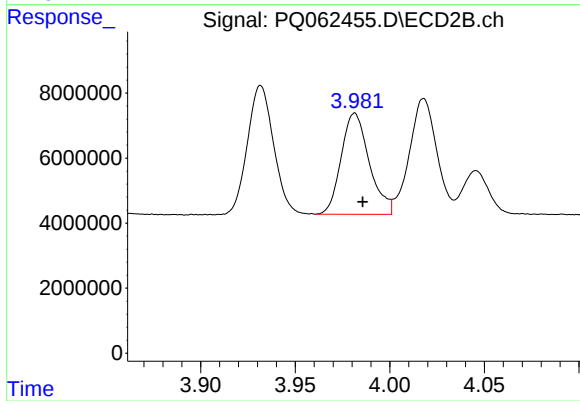
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 37037415
Conc: 490.93 ng/ml



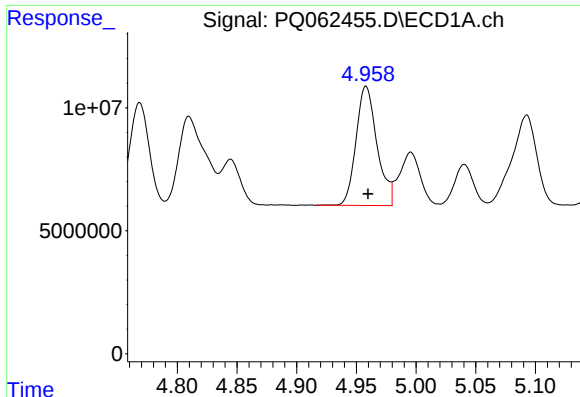
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 60509618
Conc: 482.74 ng/ml



#6 AR-1016-4

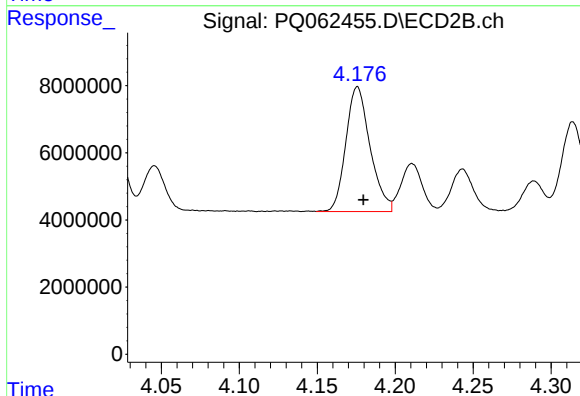
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 32227101
Conc: 490.67 ng/ml



#7 AR-1016-5

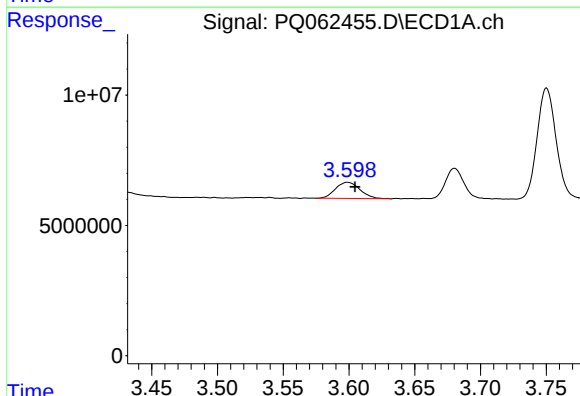
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 59268553
Conc: 486.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



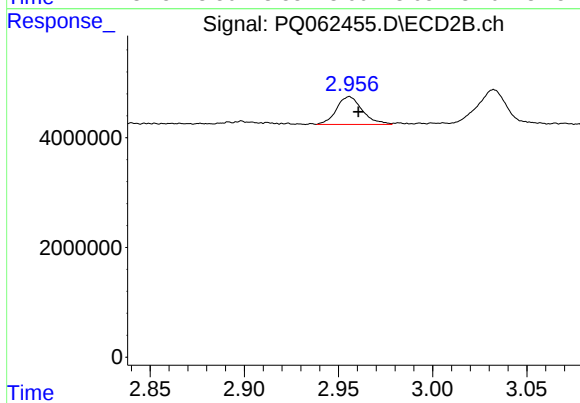
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 40197864
Conc: 490.33 ng/ml



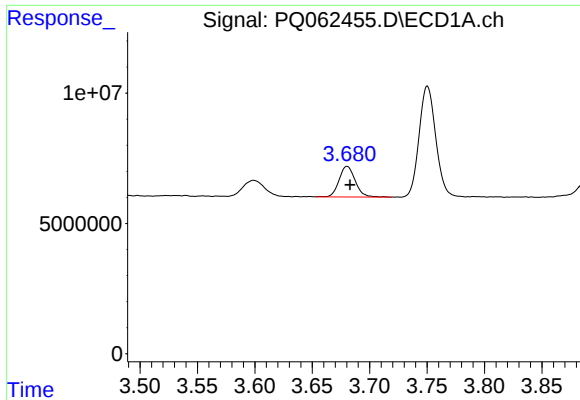
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 8098382
Conc: 134.73 ng/ml



#8 AR-1221-1

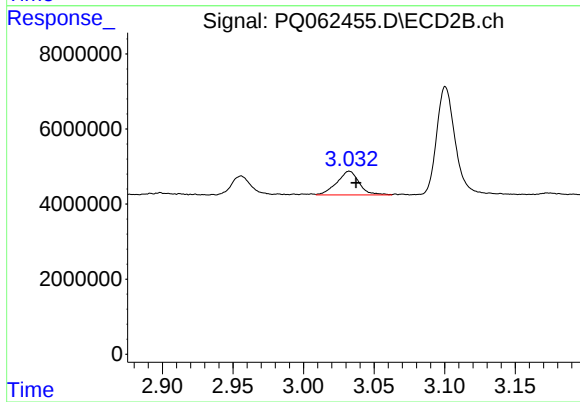
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 4835965
Conc: 146.56 ng/ml



#9 AR-1221-2

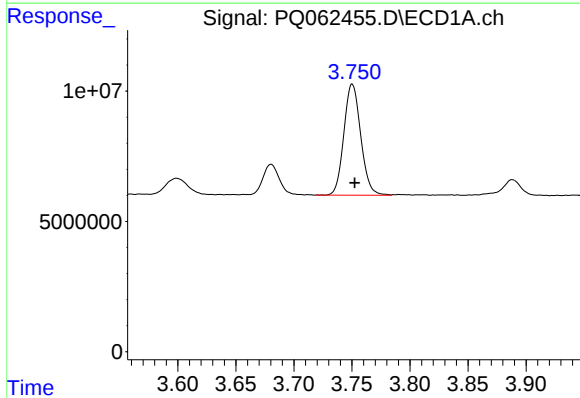
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 11540384
Conc: 256.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



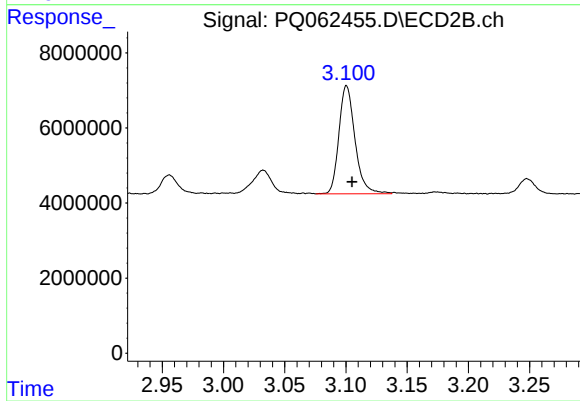
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.005 min
Response: 6954176
Conc: 273.79 ng/ml



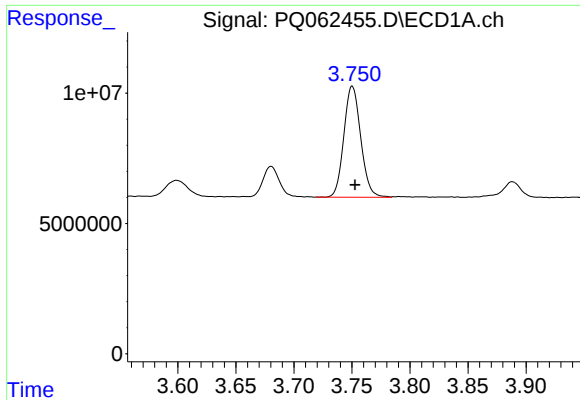
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43122253
Conc: 306.88 ng/ml



#10 AR-1221-3

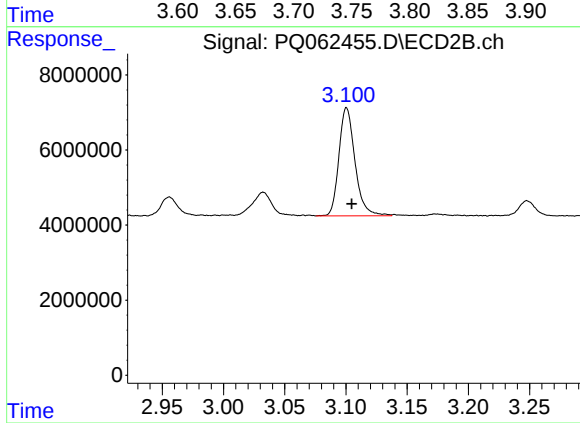
R.T.: 3.101 min
Delta R.T.: -0.005 min
Response: 26338466
Conc: 341.65 ng/ml



#11 AR-1232-1

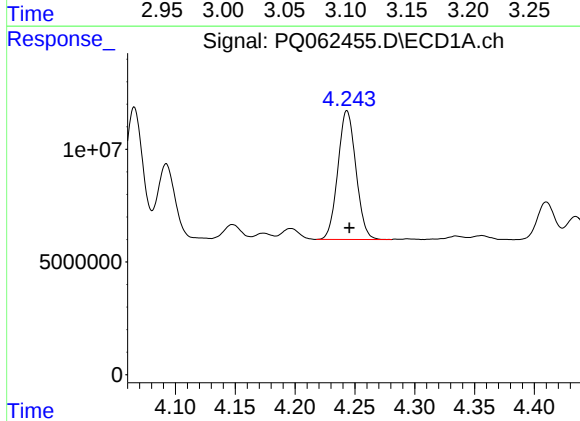
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43122253
Conc: 408.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



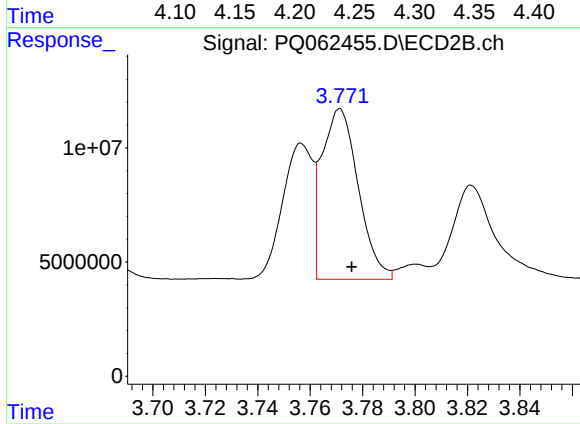
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 26338466
Conc: 459.67 ng/ml



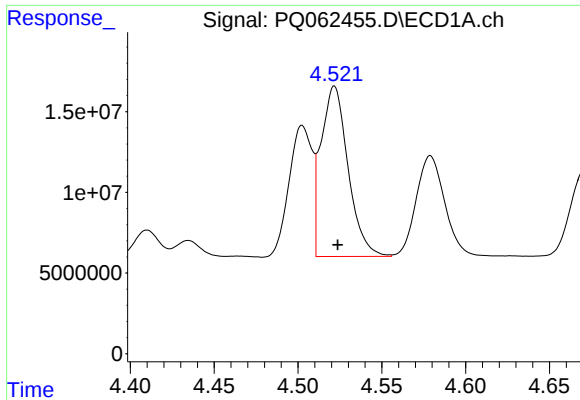
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 60050129
Conc: 1015.20 ng/ml



#12 AR-1232-2

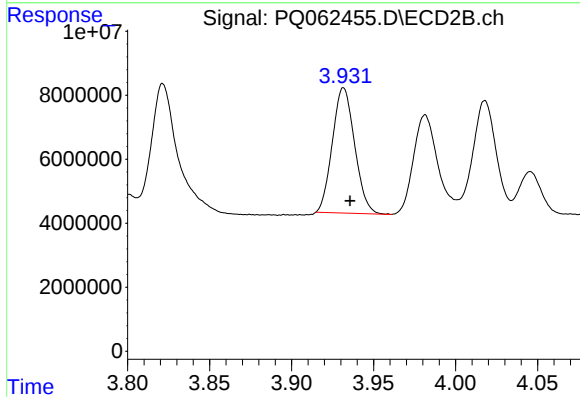
R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 72031860
Conc: 1082.29 ng/ml



#13 AR-1232-3

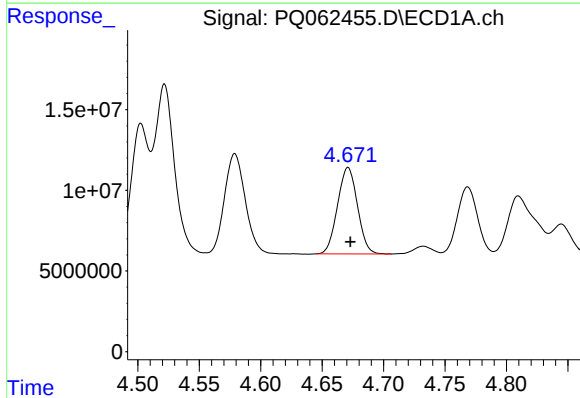
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 118799320
Conc: 1050.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



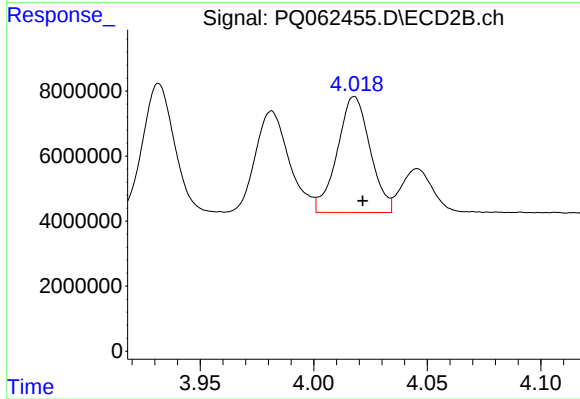
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 37037415
Conc: 1071.84 ng/ml



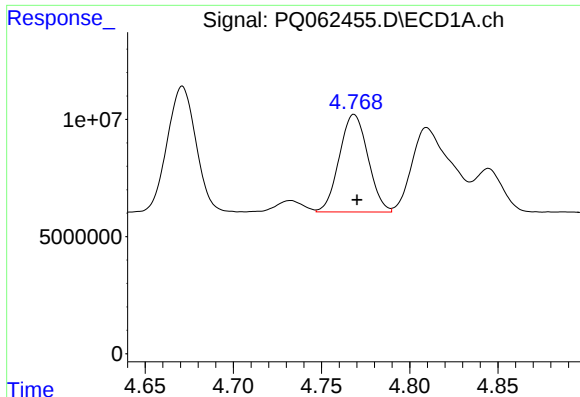
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 60509618
Conc: 1067.82 ng/ml



#14 AR-1232-4

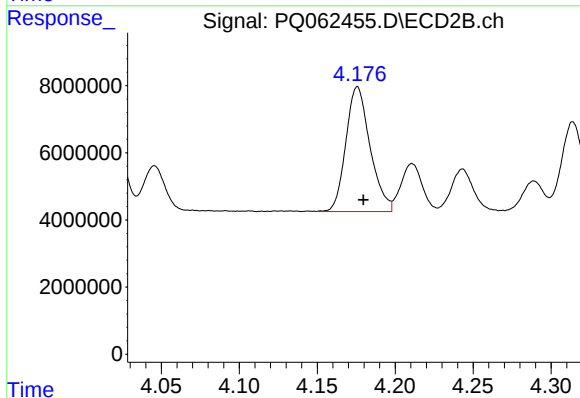
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 35990535
Conc: 1210.18 ng/ml



#15 AR-1232-5

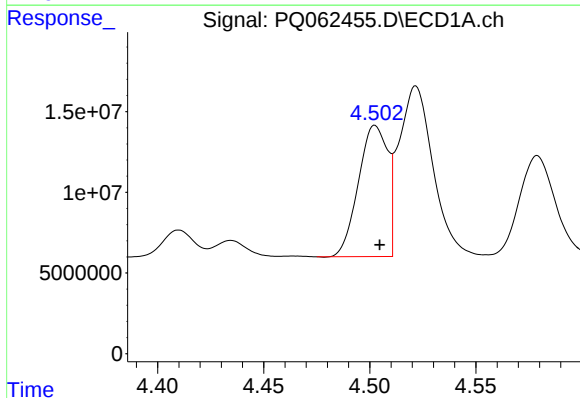
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 47076330
Conc: 1175.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



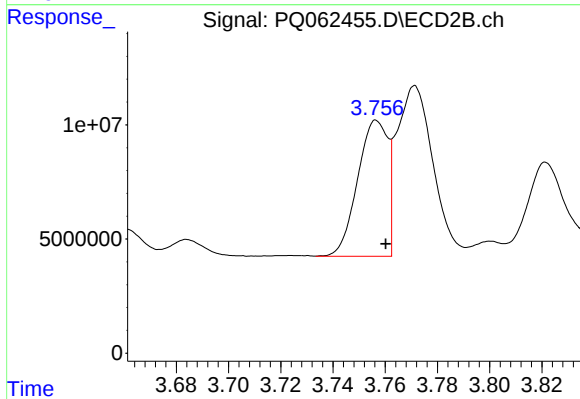
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 40197864
Conc: 1127.23 ng/ml



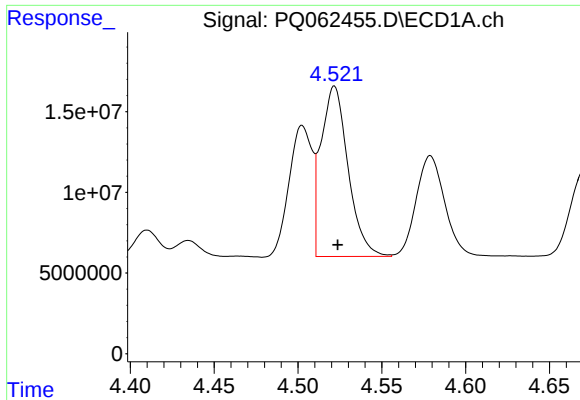
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 77983047
Conc: 596.64 ng/ml



#16 AR-1242-1

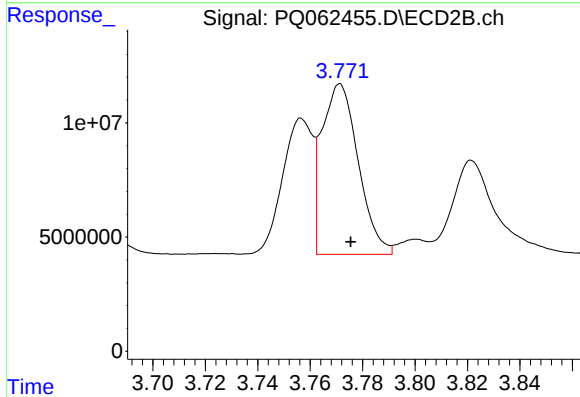
R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 47404276
Conc: 612.94 ng/ml



#17 AR-1242-2

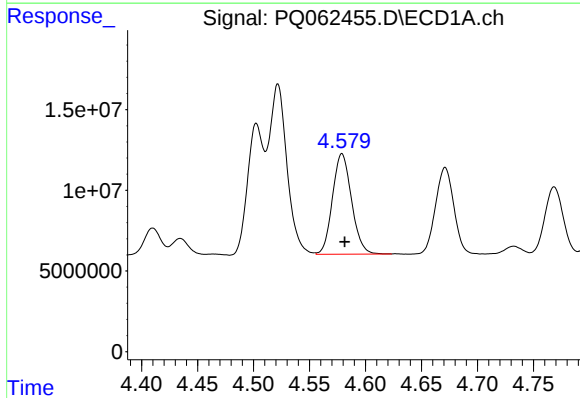
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 118799320
Conc: 611.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



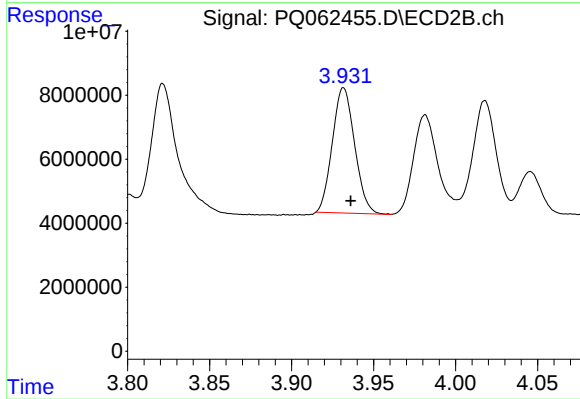
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 72031860
Conc: 648.01 ng/ml



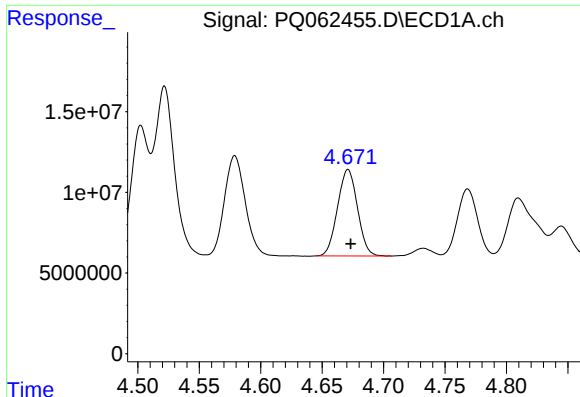
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 73723368
Conc: 610.07 ng/ml



#18 AR-1242-3

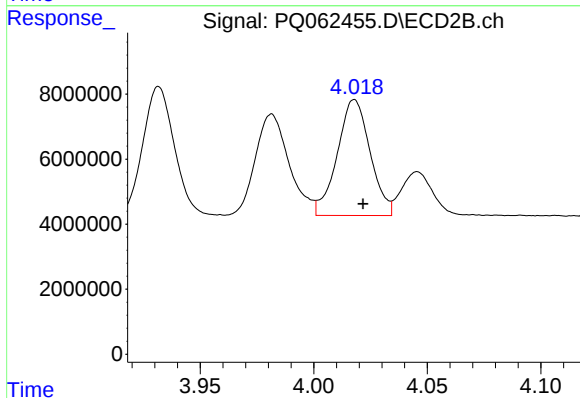
R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 37037415
Conc: 632.30 ng/ml



#19 AR-1242-4

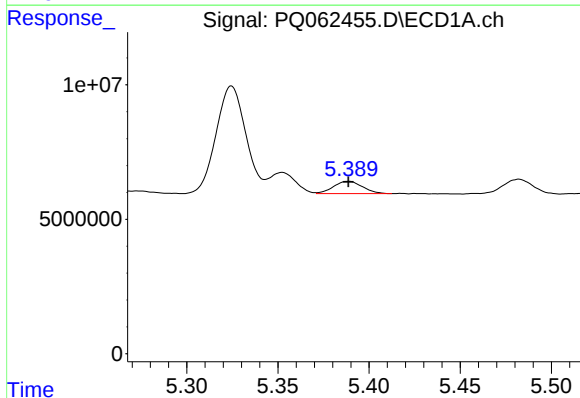
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 60509618
Conc: 620.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



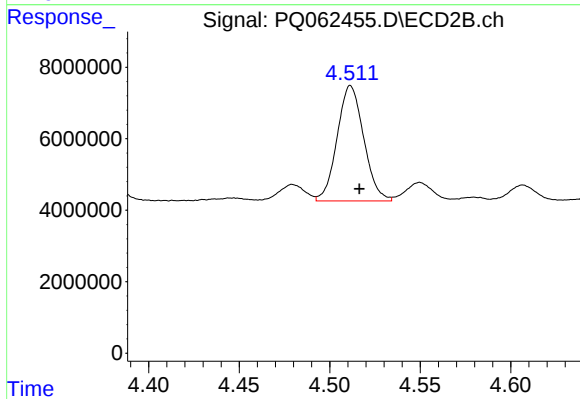
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 35990535
Conc: 613.88 ng/ml



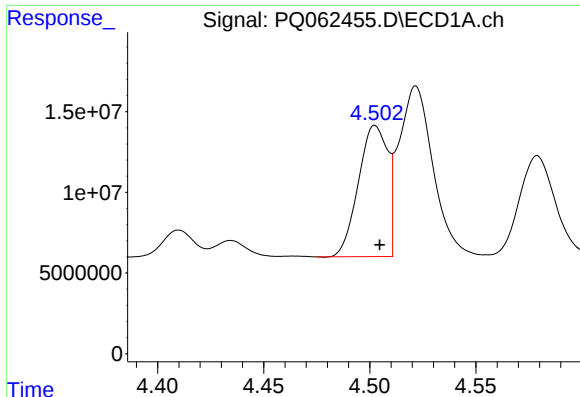
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 5025283
Conc: 52.49 ng/ml



#20 AR-1242-5

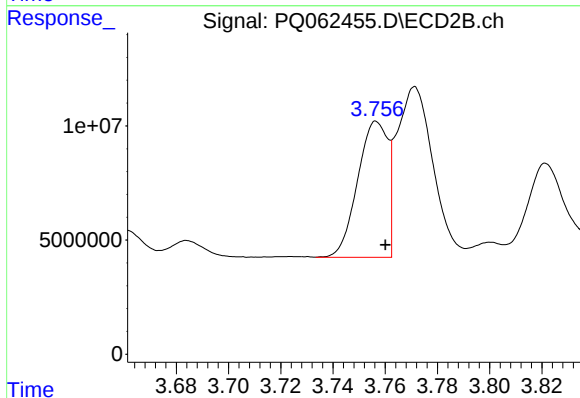
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 32993668
Conc: 398.03 ng/ml



#21 AR-1248-1

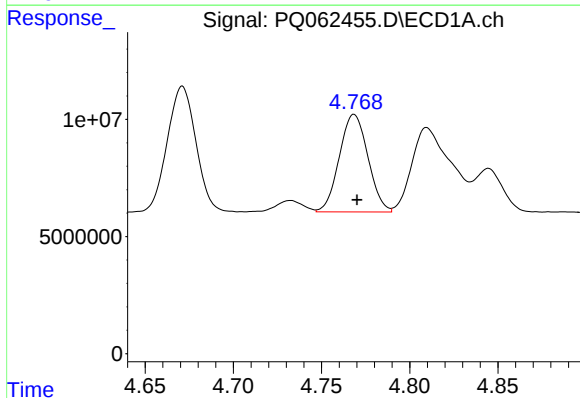
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 77983047
Conc: 749.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



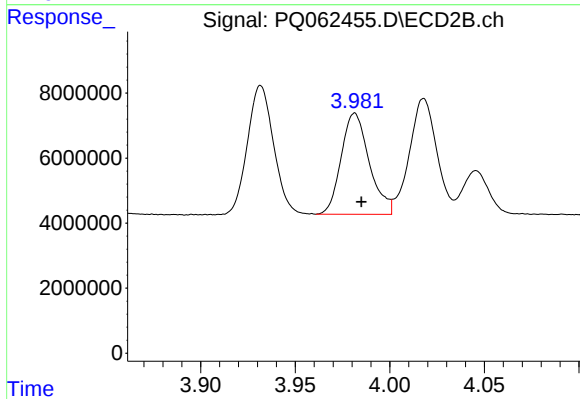
#21 AR-1248-1

R.T.: 3.757 min
Delta R.T.: -0.003 min
Response: 47404276
Conc: 758.22 ng/ml



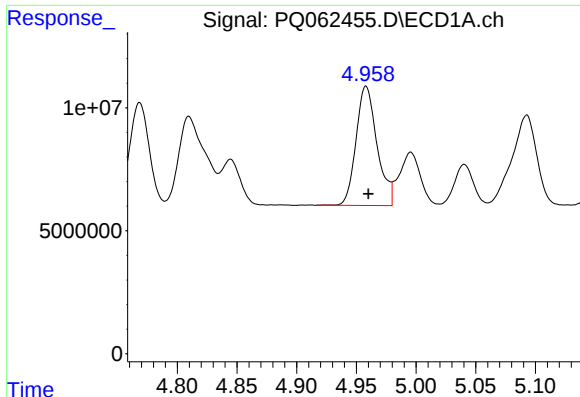
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 47076330
Conc: 327.69 ng/ml



#22 AR-1248-2

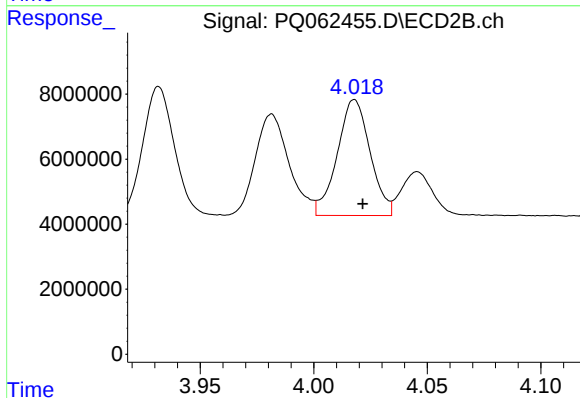
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 32227101
Conc: 343.69 ng/ml



#23 AR-1248-3

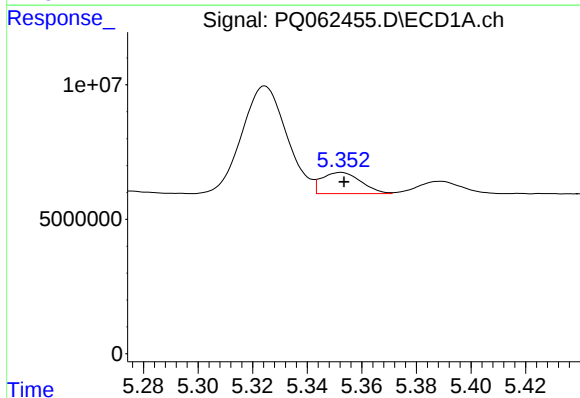
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 59268553
Conc: 341.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



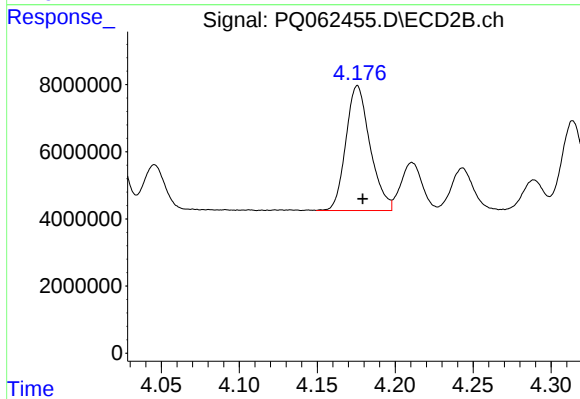
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 35990535
Conc: 397.49 ng/ml



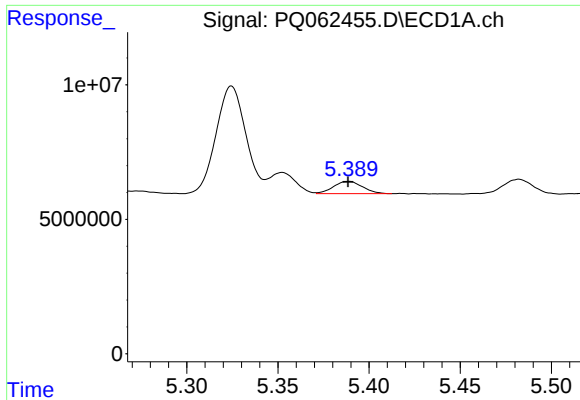
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 7821838
Conc: 40.75 ng/ml



#24 AR-1248-4

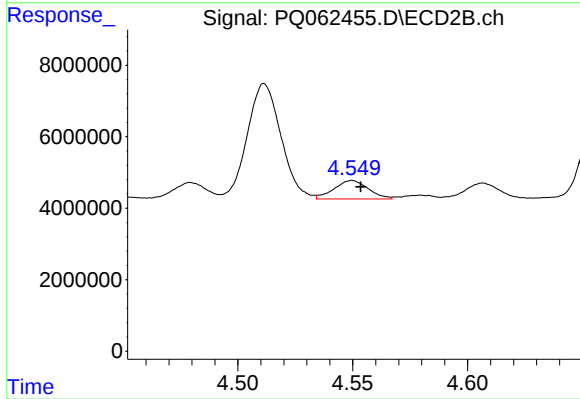
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 40197864
Conc: 356.24 ng/ml



#25 AR-1248-5

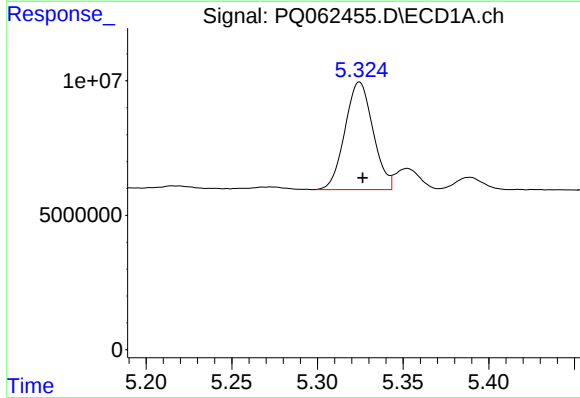
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 5025283
Conc: 27.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



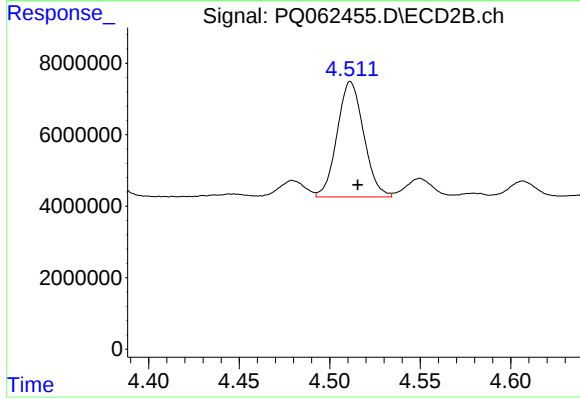
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 5328845
Conc: 47.57 ng/ml



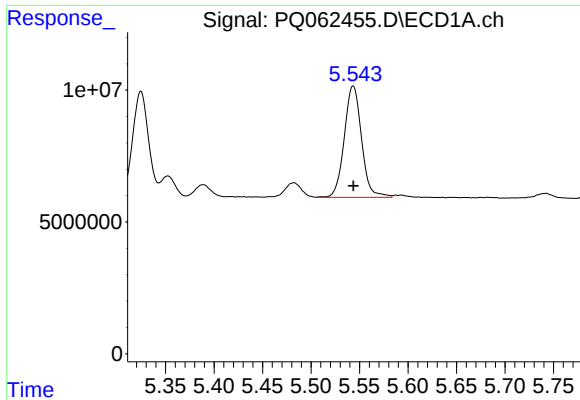
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 45591089
Conc: 245.35 ng/ml



#26 AR-1254-1

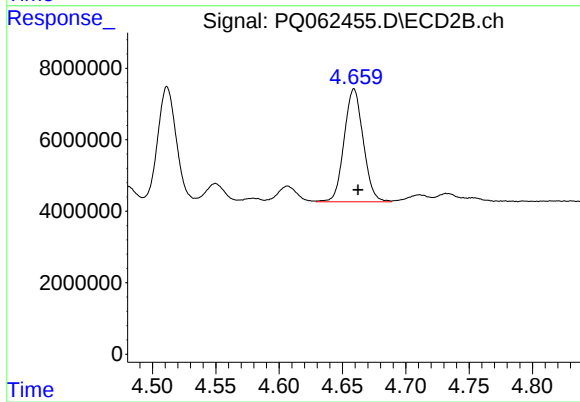
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 32993668
Conc: 204.34 ng/ml



#27 AR-1254-2

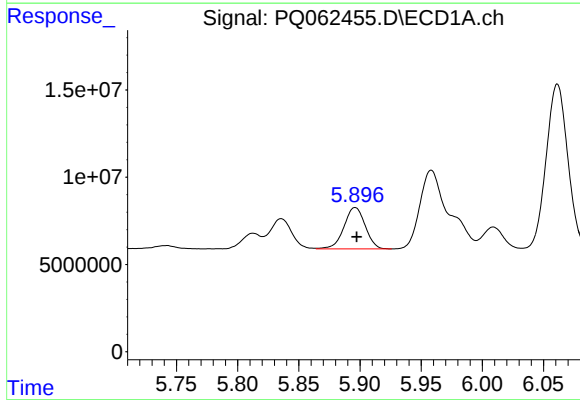
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 52396730
Conc: 180.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



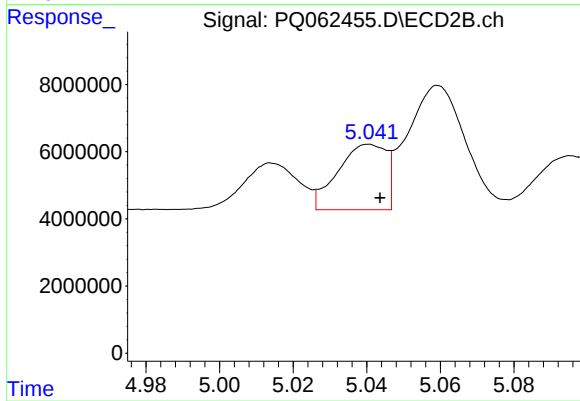
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.003 min
Response: 33151946
Conc: 225.18 ng/ml



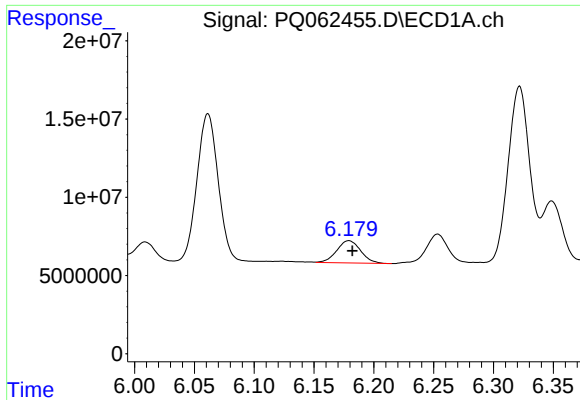
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 28740119
Conc: 93.57 ng/ml



#28 AR-1254-3

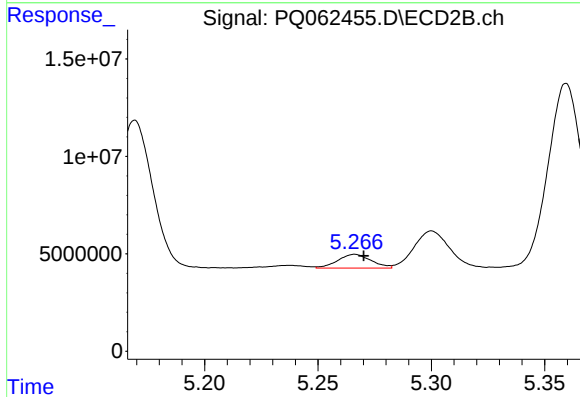
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 17810125
Conc: 76.21 ng/ml



#29 AR-1254-4

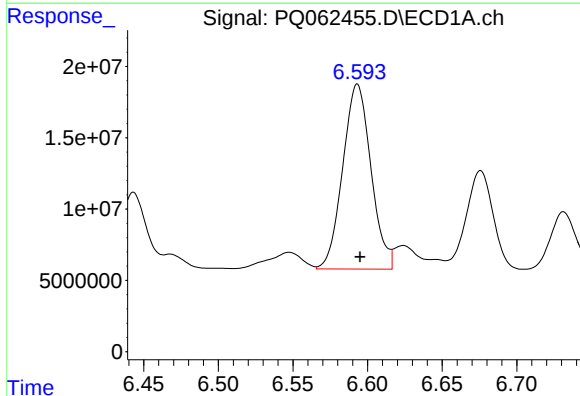
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 19802733
Conc: 85.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



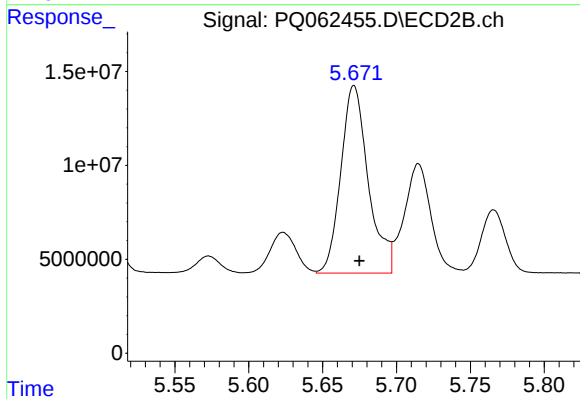
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 7232469
Conc: 47.45 ng/ml



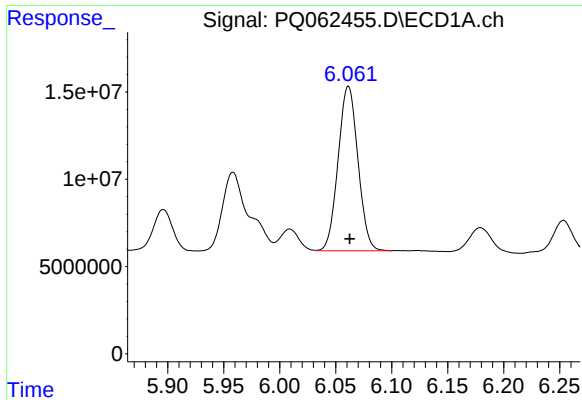
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 170675251
Conc: 664.44 ng/ml



#30 AR-1254-5

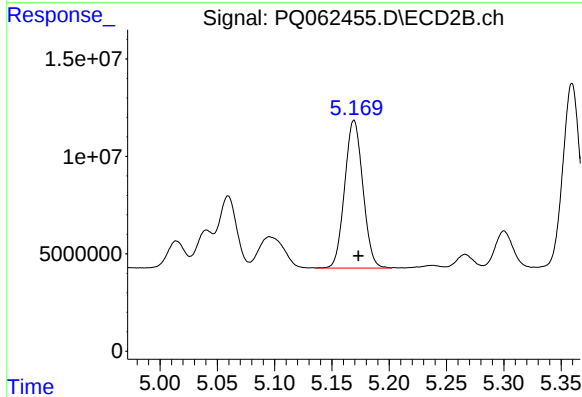
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 129050255
Conc: 559.15 ng/ml



#31 AR-1260-1

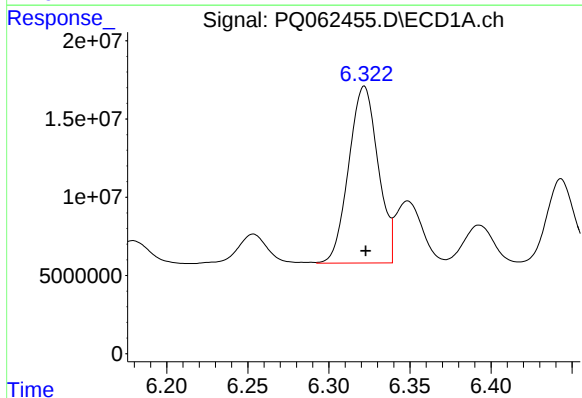
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 116333268
Conc: 493.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



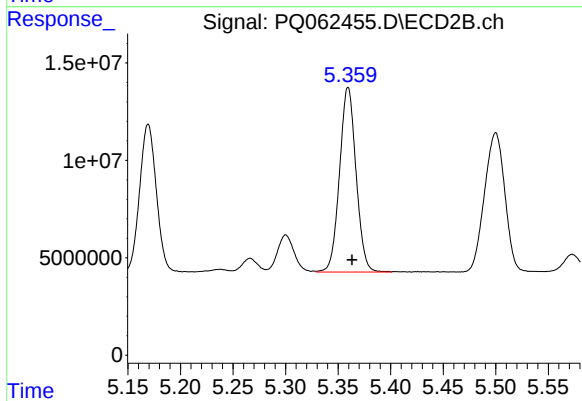
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 83846534
Conc: 503.42 ng/ml



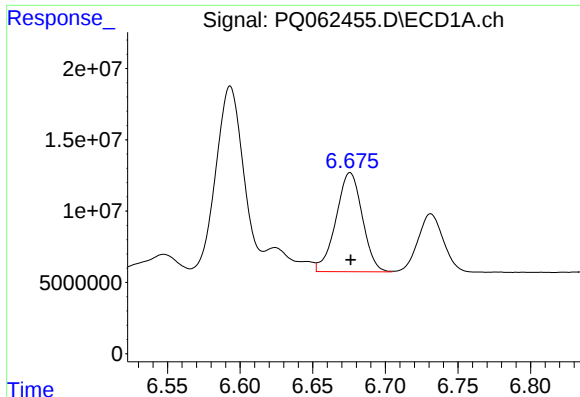
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 142368538
Conc: 492.94 ng/ml



#32 AR-1260-2

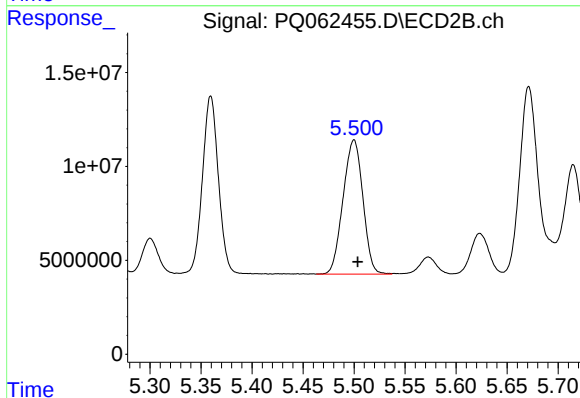
R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 103721166
Conc: 498.79 ng/ml



#33 AR-1260-3

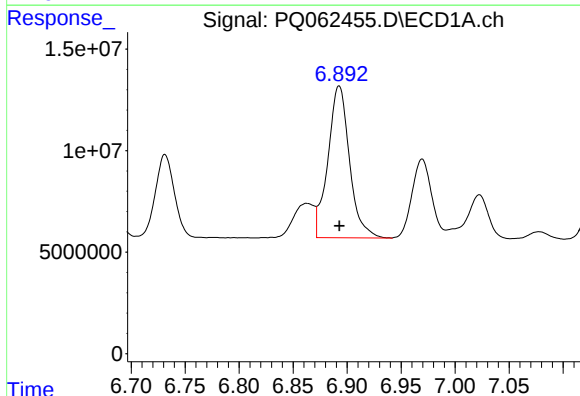
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 87566041
Conc: 495.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



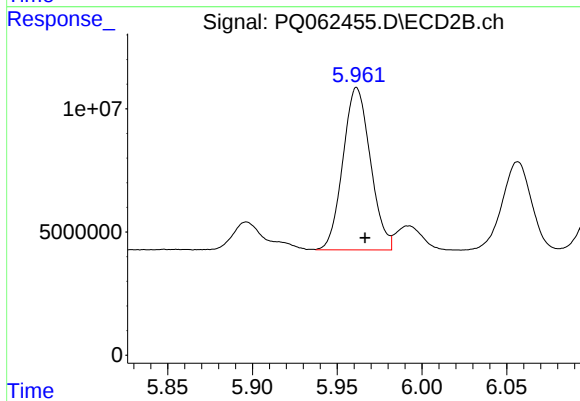
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 96579492
Conc: 496.40 ng/ml



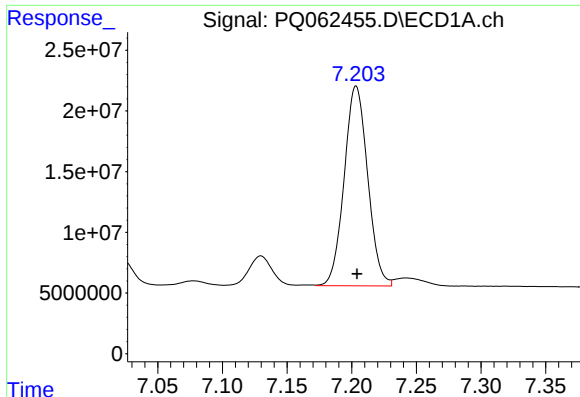
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 103863274
Conc: 493.06 ng/ml



#34 AR-1260-4

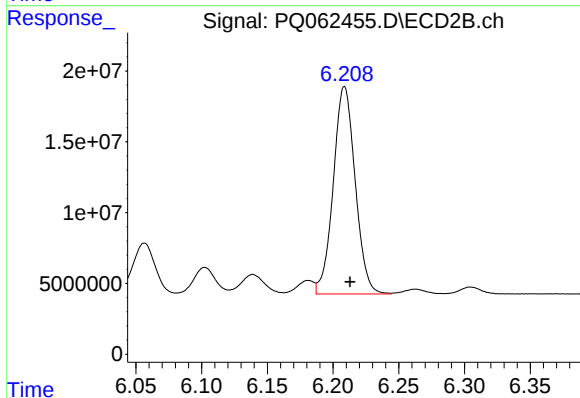
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 74379051
Conc: 509.93 ng/ml



#35 AR-1260-5

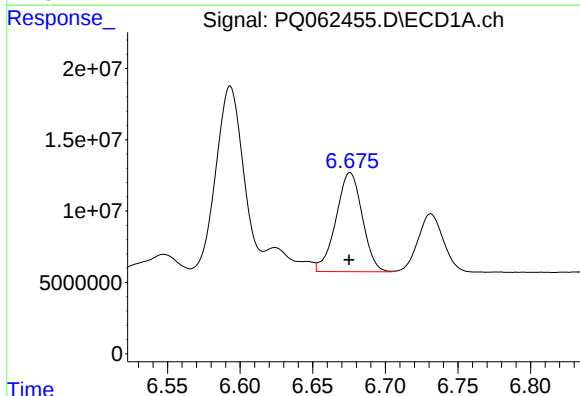
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 208074611
Conc: 506.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



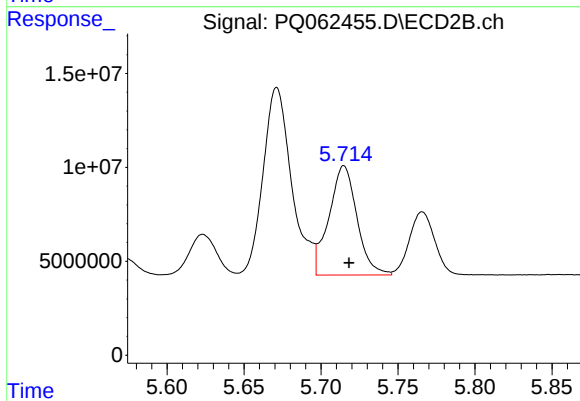
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 169939247
Conc: 511.77 ng/ml



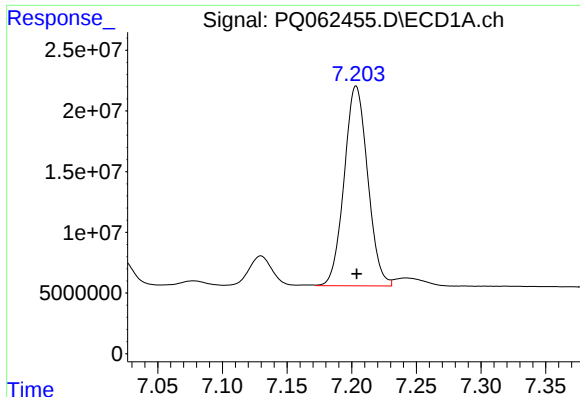
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 87566041
Conc: 287.16 ng/ml



#36 AR-1262-1

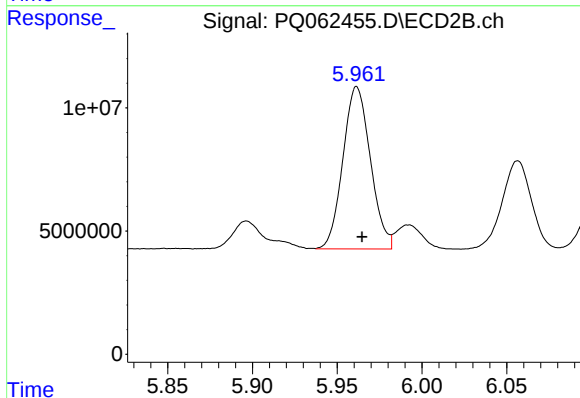
R.T.: 5.715 min
Delta R.T.: -0.003 min
Response: 73716571
Conc: 317.10 ng/ml



#37 AR-1262-2

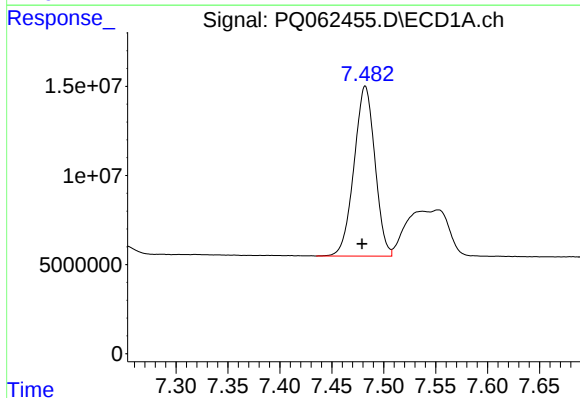
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 208074611
Conc: 395.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



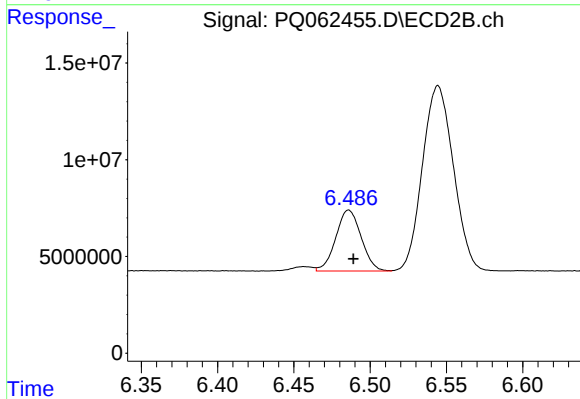
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 74379051
Conc: 344.02 ng/ml



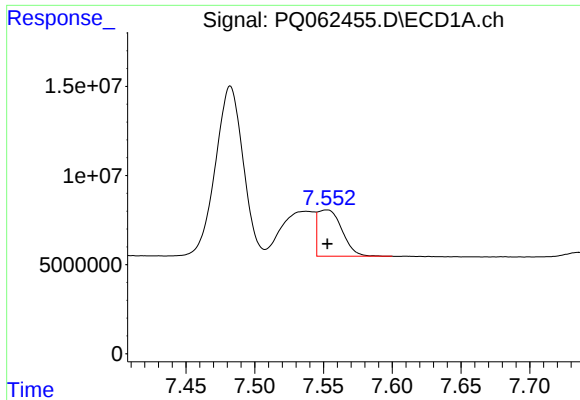
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 133491995
Conc: 378.91 ng/ml



#38 AR-1262-3

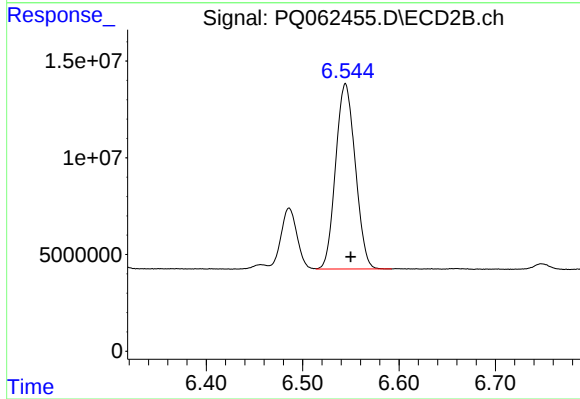
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 36443665
Conc: 209.05 ng/ml



#39 AR-1262-4

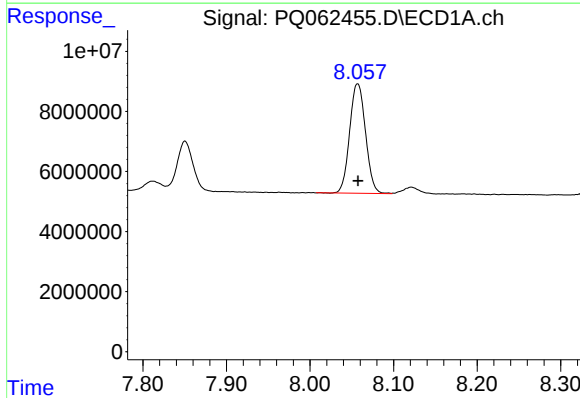
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 31774292
Conc: 119.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



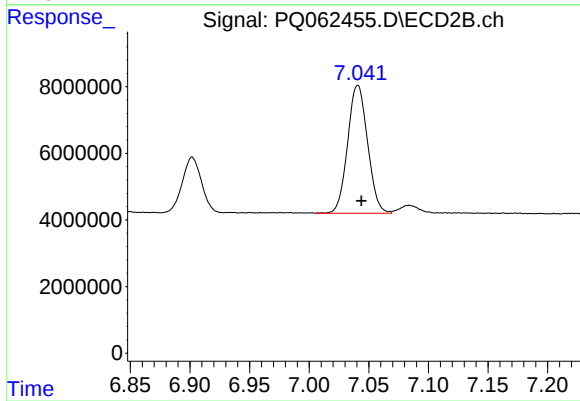
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 135414035
Conc: 420.16 ng/ml



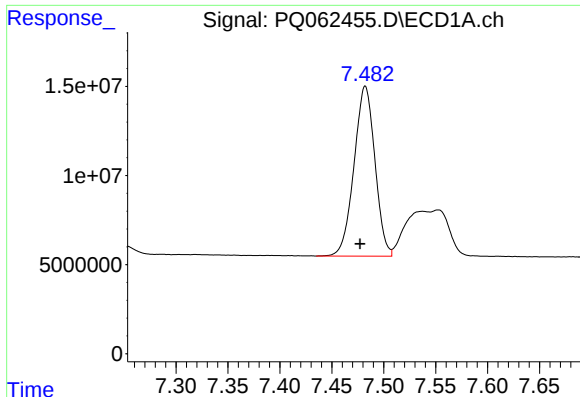
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 48024812
Conc: 270.55 ng/ml



#40 AR-1262-5

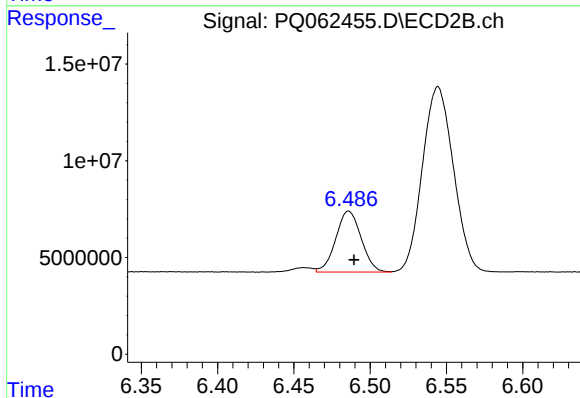
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 44686593
Conc: 288.09 ng/ml



#41 AR-1268-1

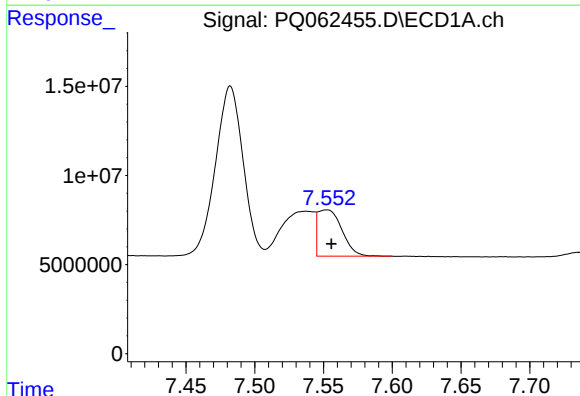
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 133491995
Conc: 235.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



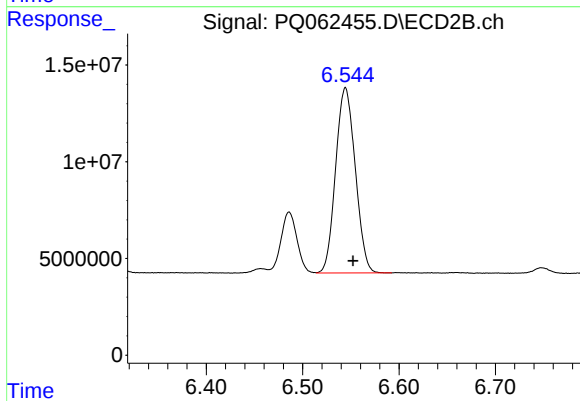
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 36443665
Conc: 77.45 ng/ml



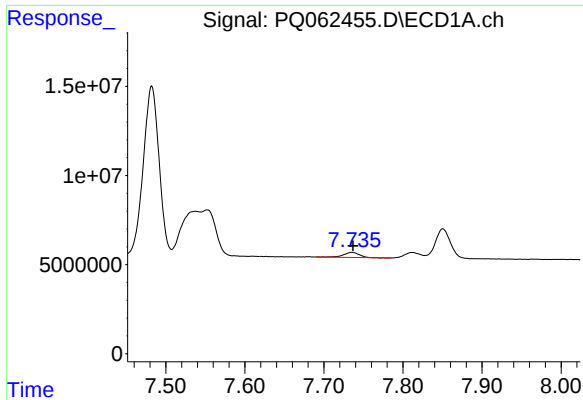
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 31774292
Conc: 62.32 ng/ml



#42 AR-1268-2

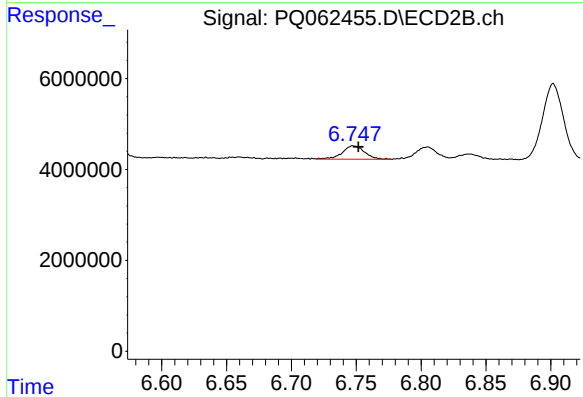
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 135414035
Conc: 319.60 ng/ml



#43 AR-1268-3

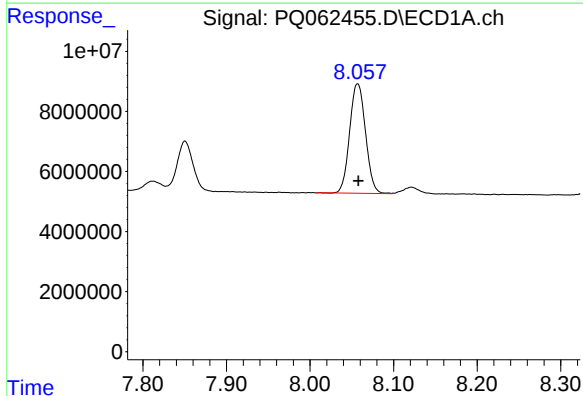
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 4074270
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



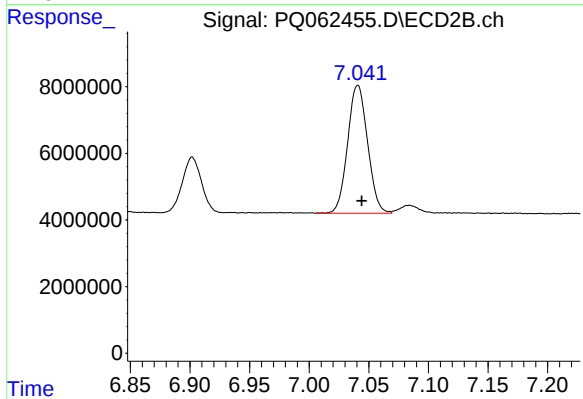
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 3549515
Conc: 9.64 ng/ml



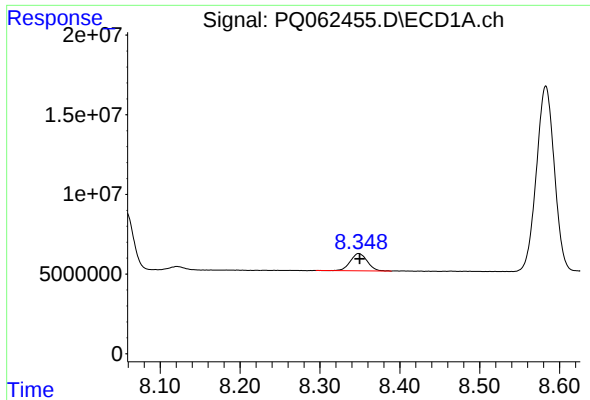
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 48024812
Conc: 262.45 ng/ml



#44 AR-1268-4

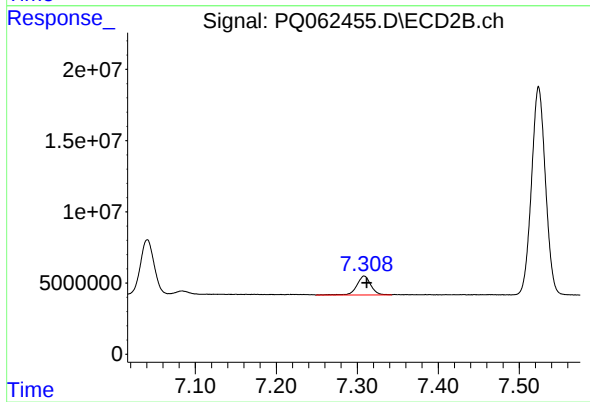
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 44686593
Conc: 279.40 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.001 min
Response: 15928110
Conc: 12.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 16006131
Conc: 13.72 ng/ml