

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 20:17
 Operator : YP\AJ
 Sample : 03567-27MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:46:23 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...	3.404	2.758	80185820	45621363	16.438	18.182
2)	SA Decachlor...	8.582	7.527	78061612	68810563	21.488	20.650
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	75935025	49323280	461.000	498.339
4)	L1 AR-1016-2	4.524	3.775	117.7E6	72681450	476.150	504.036
5)	L1 AR-1016-3	4.581	3.935	72707417	38914318	477.065	515.813
6)	L1 AR-1016-4	4.673	3.984	61166128	33822576	487.981	514.967
7)	L1 AR-1016-5	4.960	4.179	62054988	42660017	509.831	520.361
8)	L2 AR-1221-1	3.592	2.959	13976694	6502219	232.527	197.058
9)	L2 AR-1221-2	3.683	3.037	10352503	6662448	230.400	262.300
10)	L2 AR-1221-3	3.753	3.104	48034079	28741851	341.835	372.831
11)	L3 AR-1232-1	3.753	3.104	48034079	28741851	454.862	501.615
12)	L3 AR-1232-2	4.246	3.775	61993591	72681450	1048.054	1092.052
13)	L3 AR-1232-3	4.524	3.935	117.7E6	38914318	1041.176	1126.157
14)	L3 AR-1232-4	4.673	4.021	61166128	37827475	1079.407	1271.947
15)	L3 AR-1232-5	4.770	4.179	48391177	42660017	1208.269	1196.270
16)	L4 AR-1242-1	4.505	3.760	75935025	49323280	580.969	637.754
17)	L4 AR-1242-2	4.524	3.775	117.7E6	72681450	606.458	653.853
18)	L4 AR-1242-3	4.581	3.935	72707417	38914318	601.663	664.338
19)	L4 AR-1242-4	4.673	4.021	61166128	37827475	627.437	645.210
20)	L4 AR-1242-5	5.389	4.515	10754037	41875843	112.337	505.182 #
21)	L5 AR-1248-1	4.505	3.760	75935025	49323280	730.294	788.915
22)	L5 AR-1248-2	4.770	3.984	48391177	33822576	336.840	360.702
23)	L5 AR-1248-3	4.960	4.021	62054988	37827475	357.227	417.781
24)	L5 AR-1248-4	5.354	4.179	10711566	42660017	55.810	378.059 #
25)	L5 AR-1248-5	5.389	4.553	10754037	9117751	59.375	81.385 #
26)	L6 AR-1254-1	5.326	4.515	53323337	41875843	286.960	259.353
27)	L6 AR-1254-2	5.543	4.662	58378193	44431761	200.810	301.796 #
28)	L6 AR-1254-3	5.897	5.043	52492113	38192410	170.906	163.424
29)	L6 AR-1254-4	6.181	5.270	38179452	25620030	164.430	168.095
30)	L6 AR-1254-5	6.594	5.674	209.0E6	162.1E6	813.754	702.299
31)	L7 AR-1260-1	6.061	5.172	157.0E6	100.7E6	665.327	604.638
32)	L7 AR-1260-2	6.322	5.362	159.5E6	122.6E6	552.296	589.579
33)	L7 AR-1260-3	6.676	5.502	115.7E6	108.1E6	655.500	555.840
34)	L7 AR-1260-4	6.893	5.964	138.7E6	103.0E6	658.528	706.313
35)	L7 AR-1260-5	7.204	6.211	210.8E6	172.8E6	513.290	520.514
36)	L8 AR-1262-1	6.676	5.717	115.7E6	97905490	379.567	421.150
37)	L8 AR-1262-2	7.204	5.964	210.8E6	103.0E6	400.144	476.505
38)	L8 AR-1262-3	7.479	6.489	253.3E6	144.4E6	719.051	828.407
39)	L8 AR-1262-4	7.556	6.550	186.4E6	220.4E6	698.995	683.883
40)	L8 AR-1262-5	8.058	7.043	72817480	66519066	410.219	428.838
41)	L9 AR-1268-1	7.479	6.489	253.3E6	144.4E6	446.403	306.914 #

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 Acq On : 12 Jul 2023 20:17
 Operator : YP\AJ
 Sample : 03567-27MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

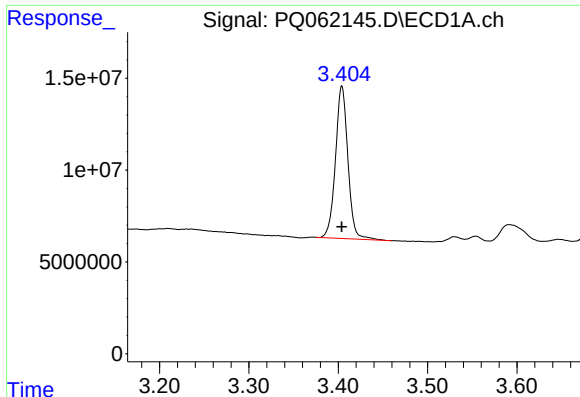
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:46:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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	6.550	186.4E6	220.4E6	365.652	520.204 #
43) L9	AR-1268-3	7.737	6.751	85867976	75385212	201.203	204.673
44) L9	AR-1268-4	8.058	7.043	72817480	66519066	397.942	415.910
45) L9	AR-1268-5	8.350	7.311	237.8E6	218.3E6	188.650	187.067

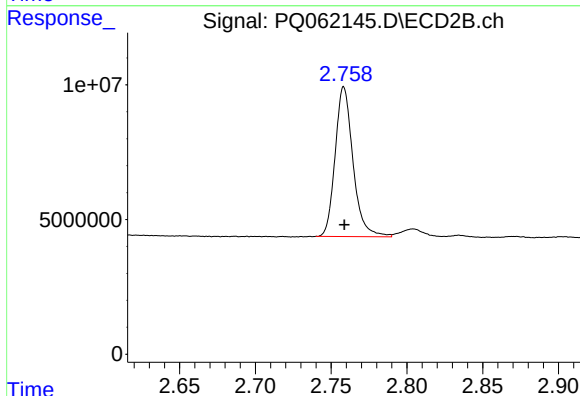
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

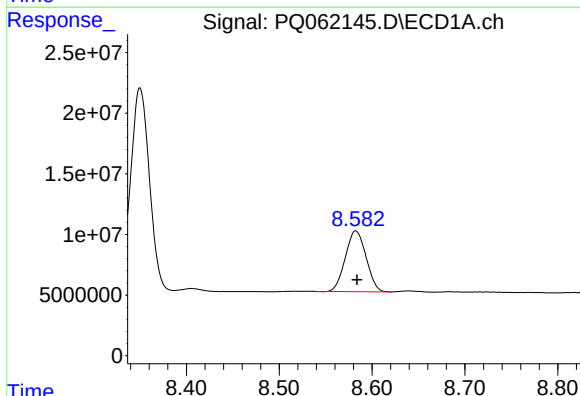
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 80185820
Conc: 16.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



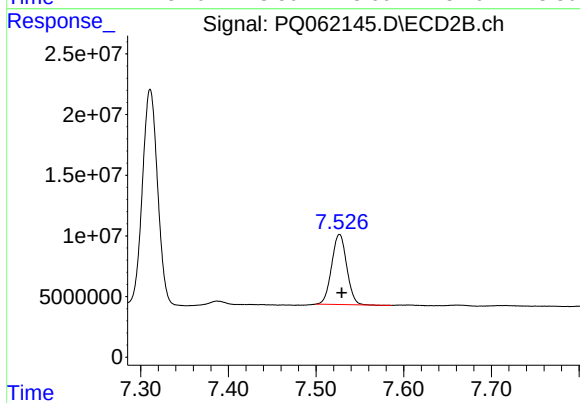
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 45621363
Conc: 18.18 ng/ml



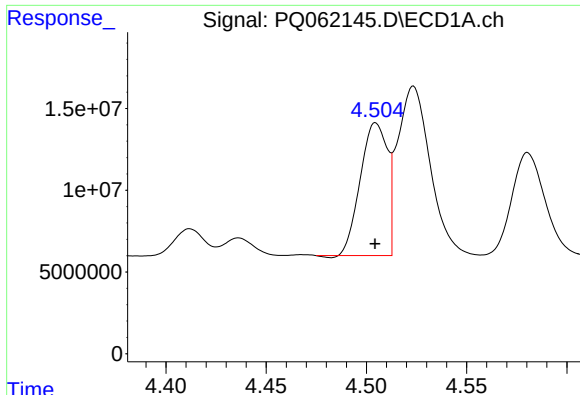
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 78061612
Conc: 21.49 ng/ml



#2 Decachlorobiphenyl

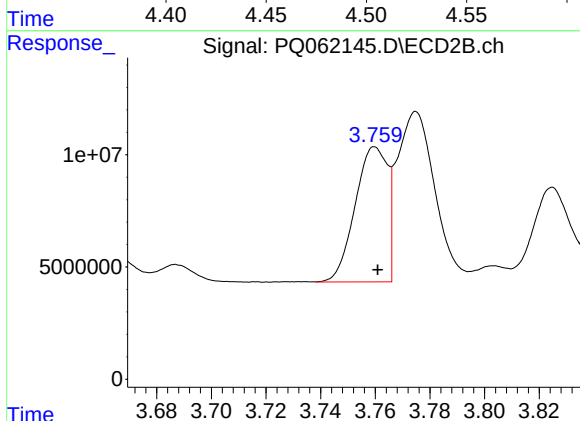
R.T.: 7.527 min
Delta R.T.: -0.002 min
Response: 68810563
Conc: 20.65 ng/ml



#3 AR-1016-1

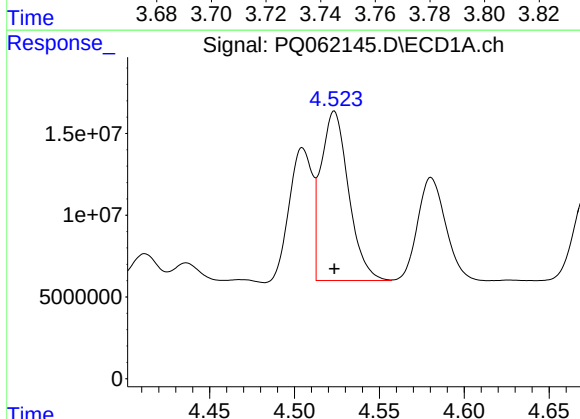
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75935025
Conc: 461.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



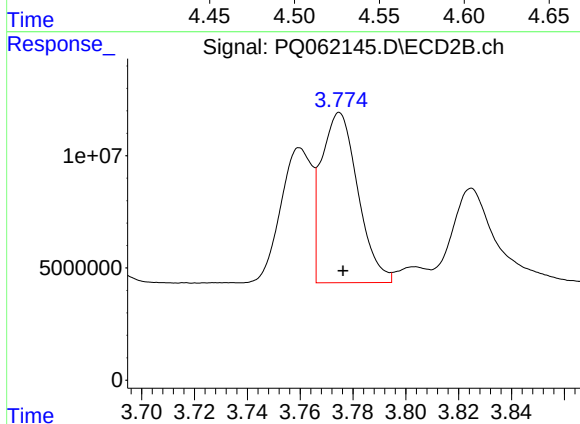
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.001 min
Response: 49323280
Conc: 498.34 ng/ml



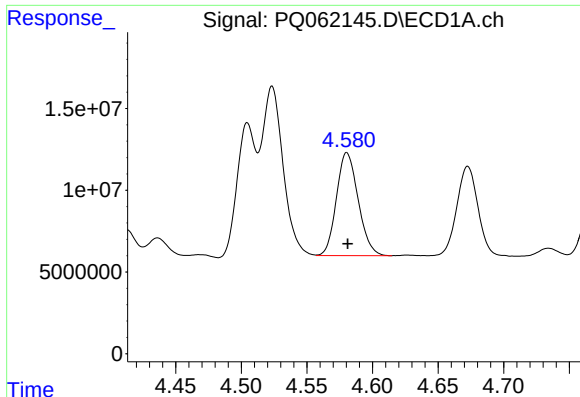
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117736727
Conc: 476.15 ng/ml



#4 AR-1016-2

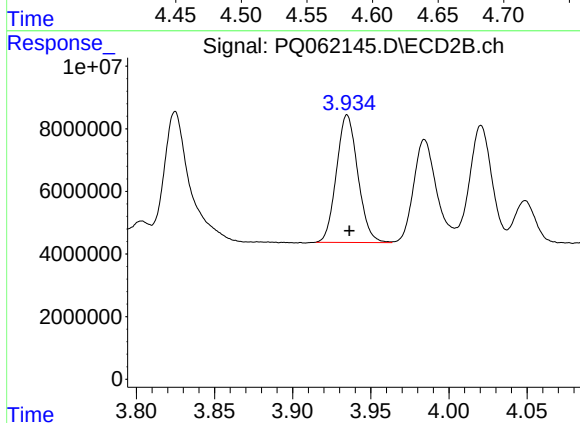
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 72681450
Conc: 504.04 ng/ml



#5 AR-1016-3

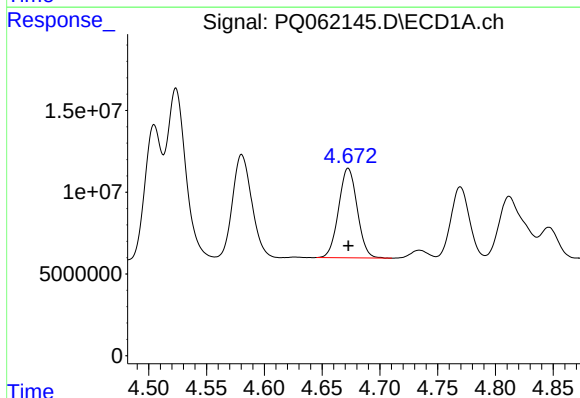
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 72707417
Conc: 477.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



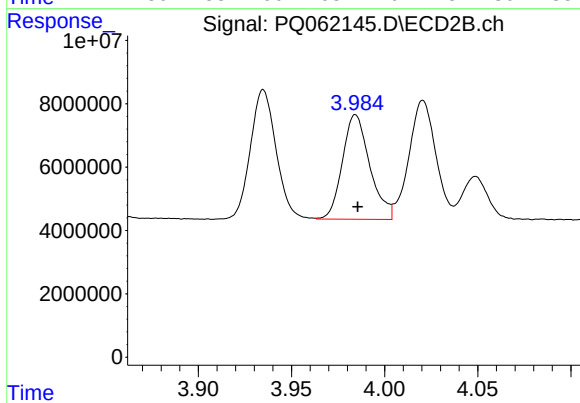
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 38914318
Conc: 515.81 ng/ml



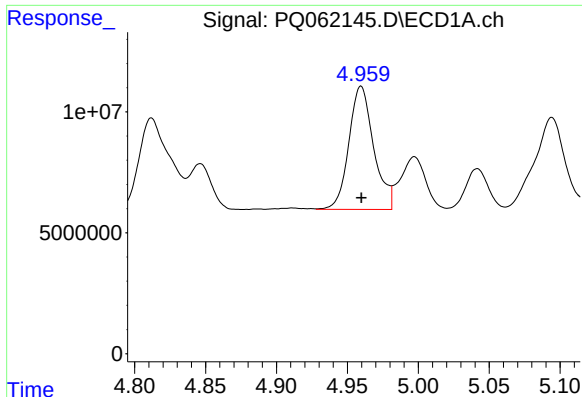
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61166128
Conc: 487.98 ng/ml



#6 AR-1016-4

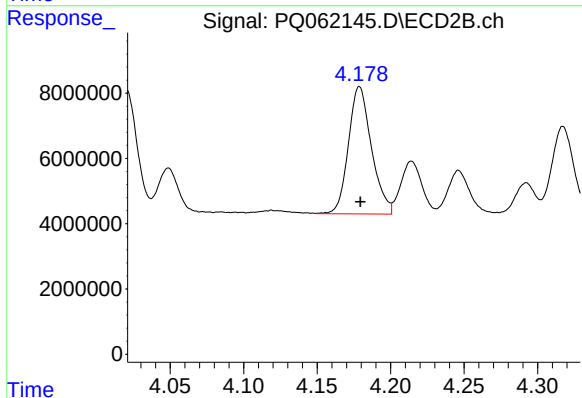
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 33822576
Conc: 514.97 ng/ml



#7 AR-1016-5

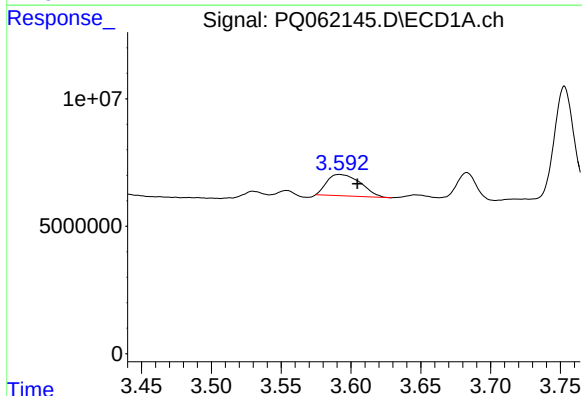
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62054988
Conc: 509.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



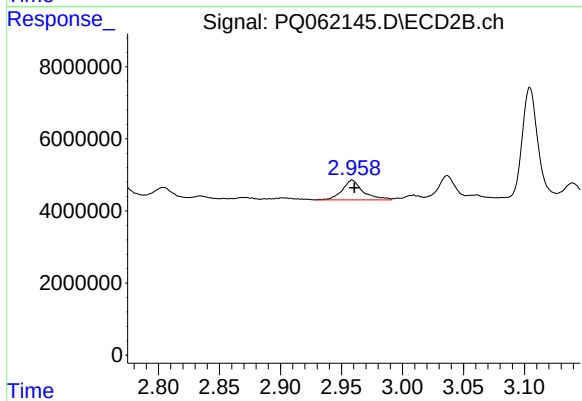
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42660017
Conc: 520.36 ng/ml



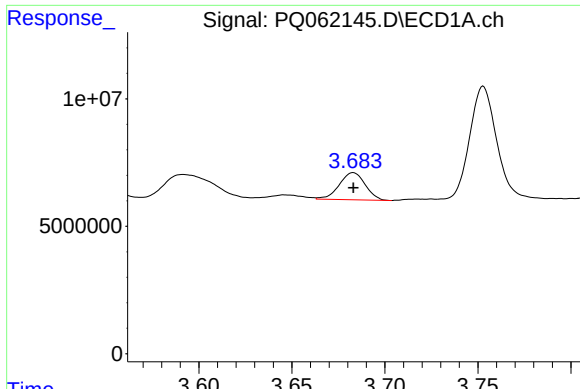
#8 AR-1221-1

R.T.: 3.592 min
Delta R.T.: -0.013 min
Response: 13976694
Conc: 232.53 ng/ml



#8 AR-1221-1

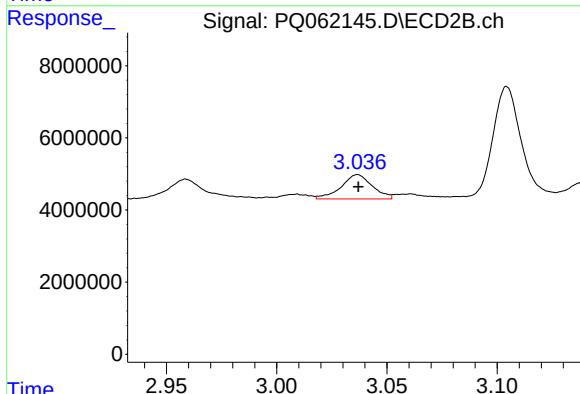
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 6502219
Conc: 197.06 ng/ml



#9 AR-1221-2

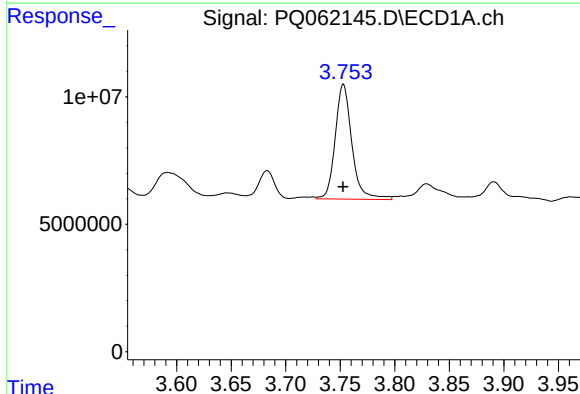
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 10352503
Conc: 230.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



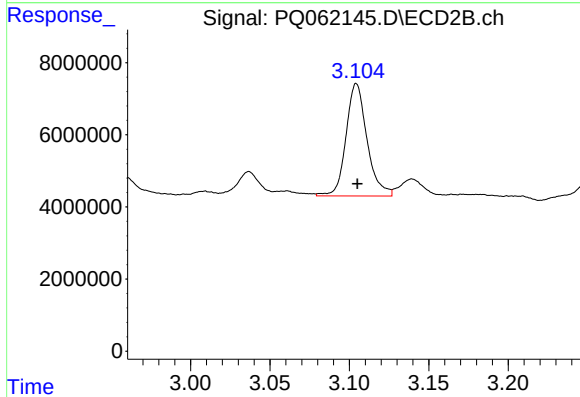
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 6662448
Conc: 262.30 ng/ml



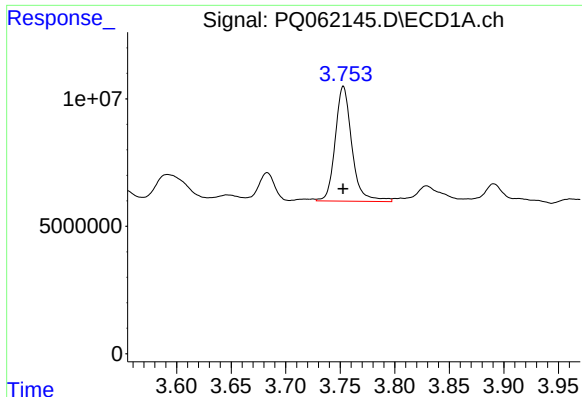
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 48034079
Conc: 341.84 ng/ml



#10 AR-1221-3

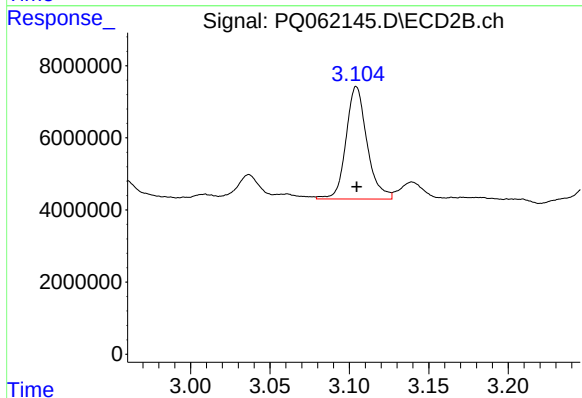
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 28741851
Conc: 372.83 ng/ml



#11 AR-1232-1

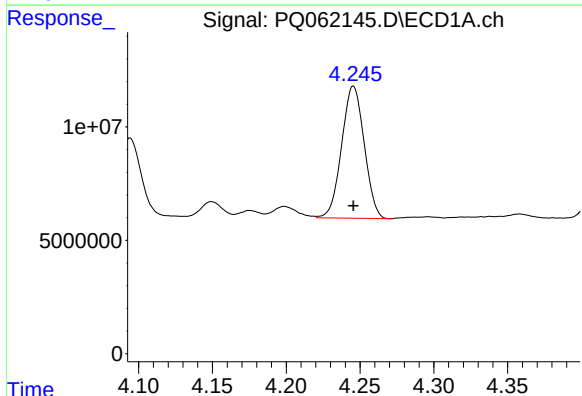
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 48034079
Conc: 454.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



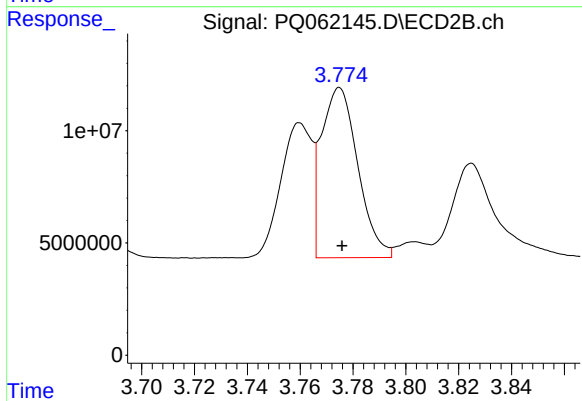
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 28741851
Conc: 501.61 ng/ml



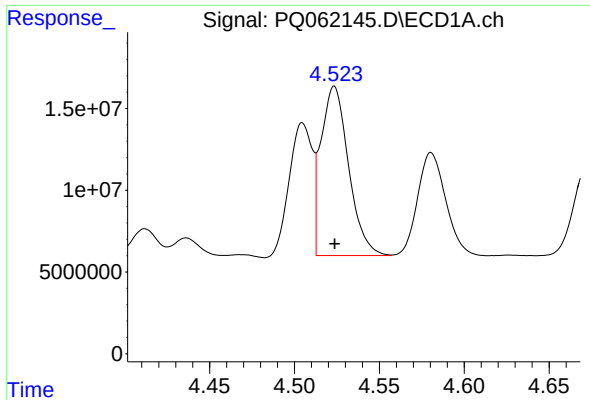
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 61993591
Conc: 1048.05 ng/ml



#12 AR-1232-2

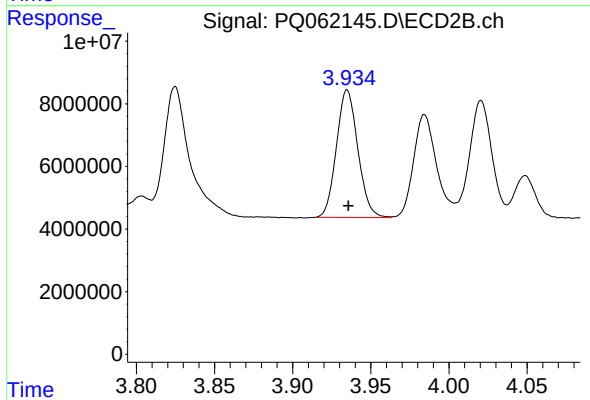
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 72681450
Conc: 1092.05 ng/ml



#13 AR-1232-3

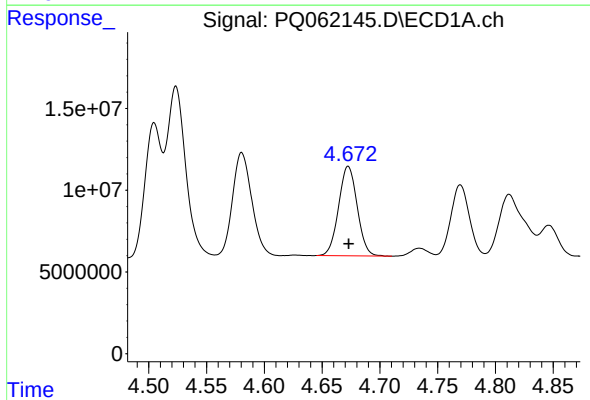
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117736727
Conc: 1041.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



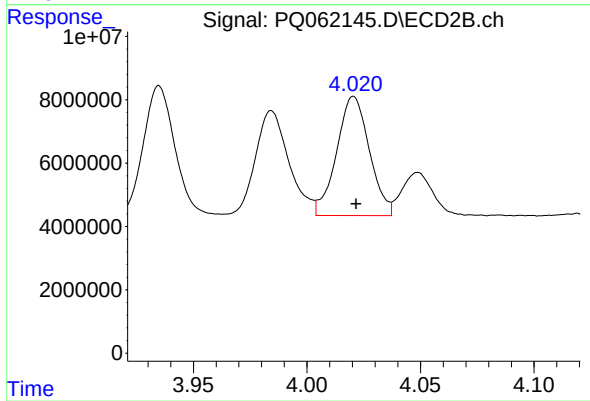
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 38914318
Conc: 1126.16 ng/ml



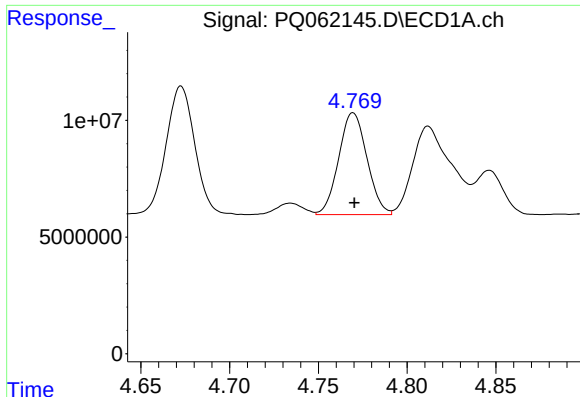
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61166128
Conc: 1079.41 ng/ml



#14 AR-1232-4

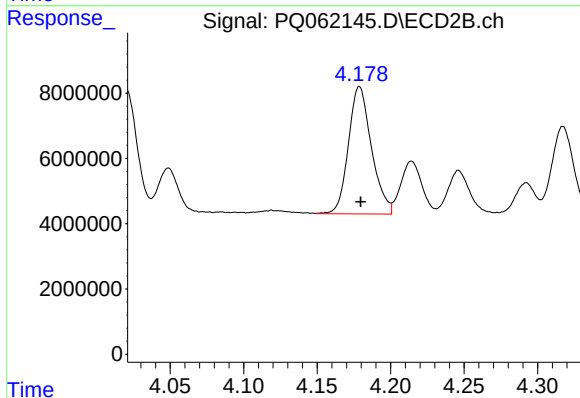
R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 37827475
Conc: 1271.95 ng/ml



#15 AR-1232-5

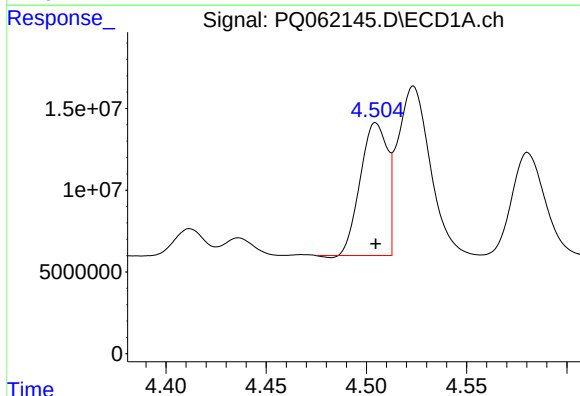
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48391177
Conc: 1208.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



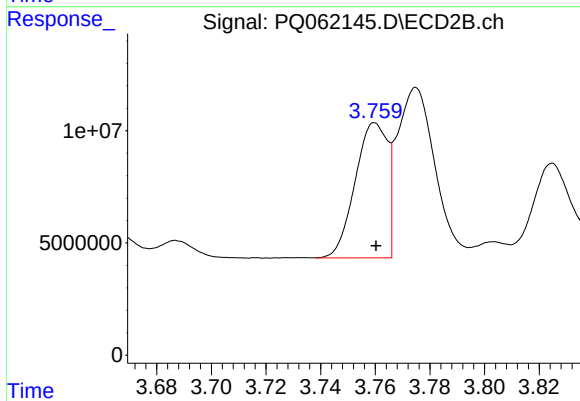
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42660017
Conc: 1196.27 ng/ml



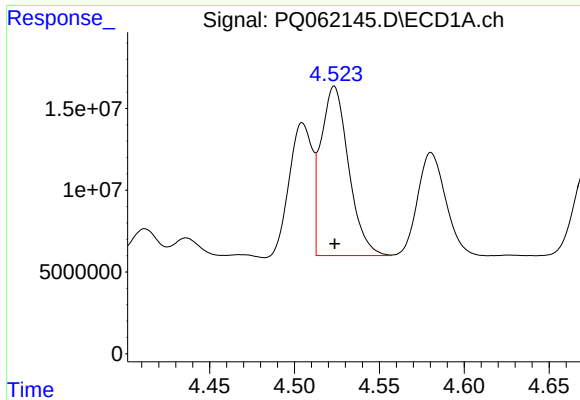
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75935025
Conc: 580.97 ng/ml



#16 AR-1242-1

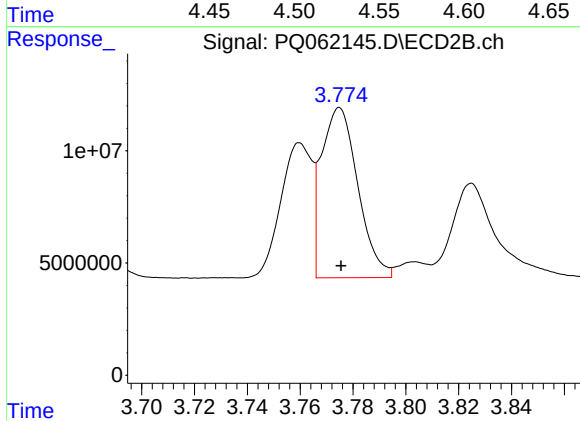
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 49323280
Conc: 637.75 ng/ml



#17 AR-1242-2

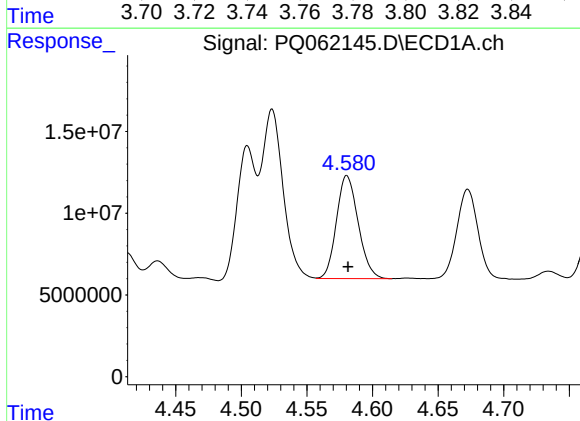
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117736727
Conc: 606.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



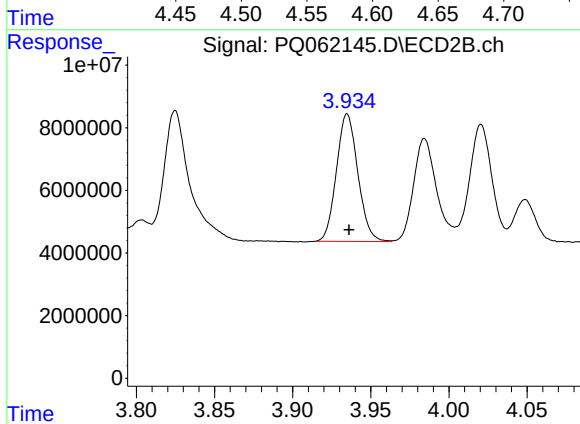
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 72681450
Conc: 653.85 ng/ml



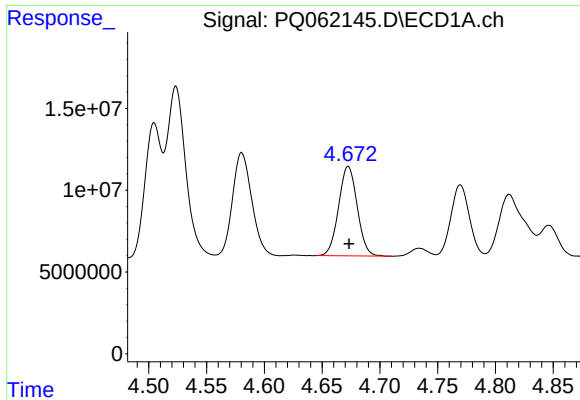
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 72707417
Conc: 601.66 ng/ml



#18 AR-1242-3

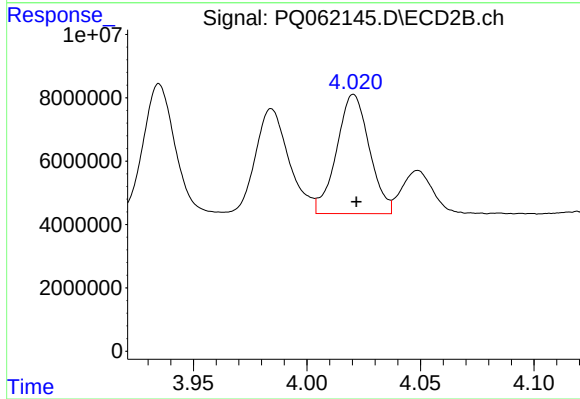
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 38914318
Conc: 664.34 ng/ml



#19 AR-1242-4

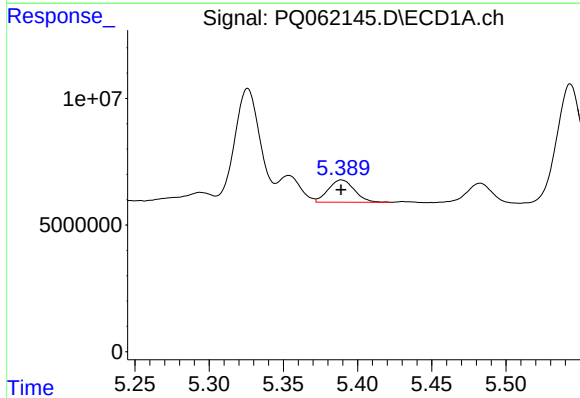
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 61166128
Conc: 627.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



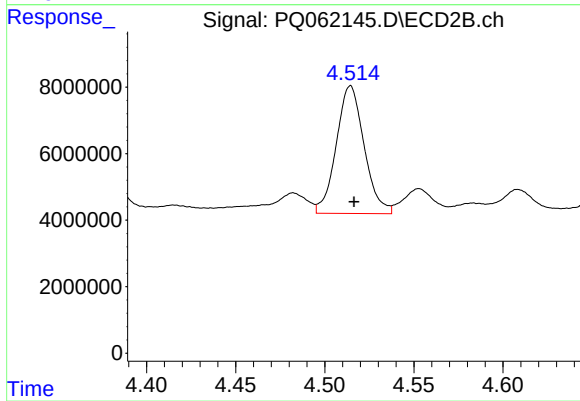
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 37827475
Conc: 645.21 ng/ml



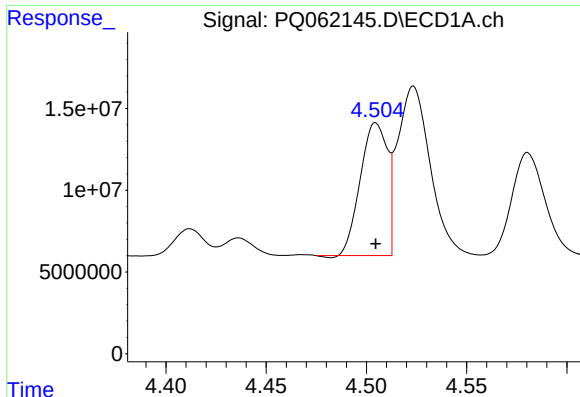
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 10754037
Conc: 112.34 ng/ml



#20 AR-1242-5

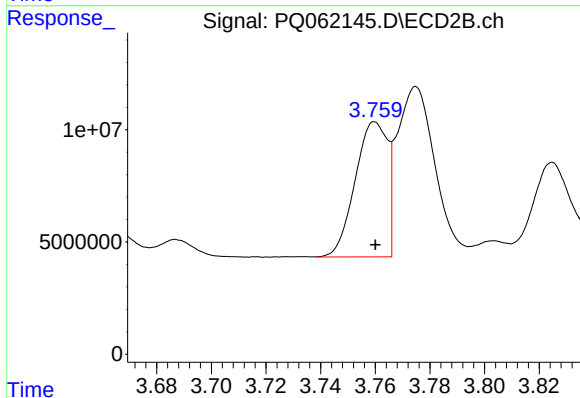
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 41875843
Conc: 505.18 ng/ml



#21 AR-1248-1

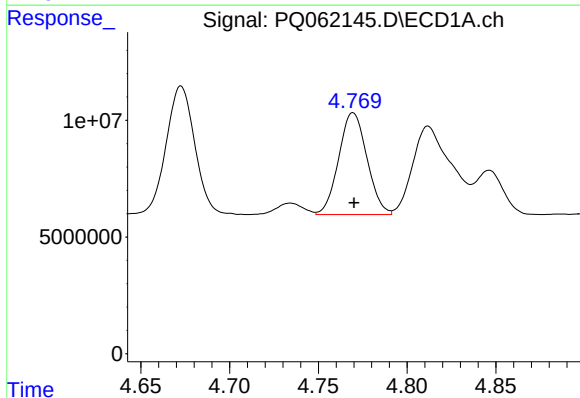
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75935025
Conc: 730.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



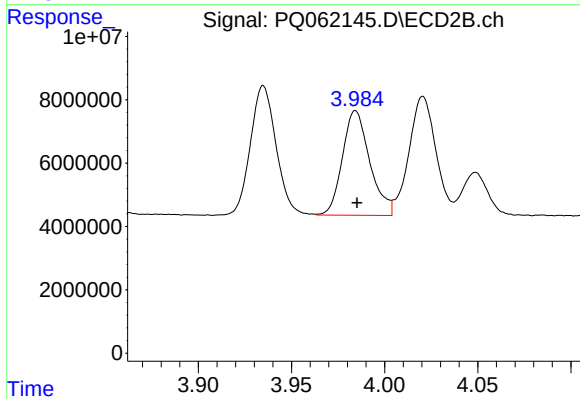
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 49323280
Conc: 788.92 ng/ml



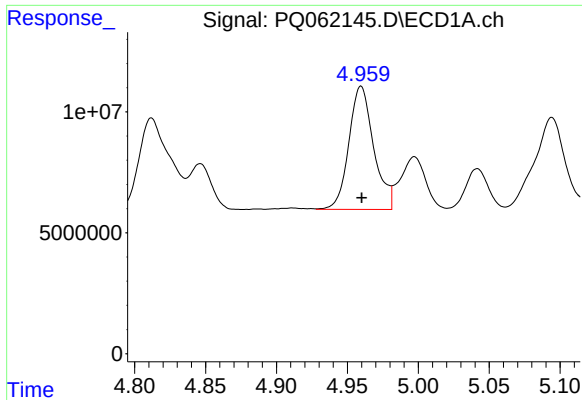
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48391177
Conc: 336.84 ng/ml



#22 AR-1248-2

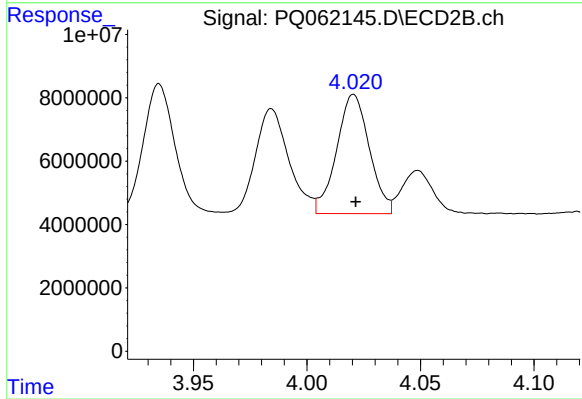
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 33822576
Conc: 360.70 ng/ml



#23 AR-1248-3

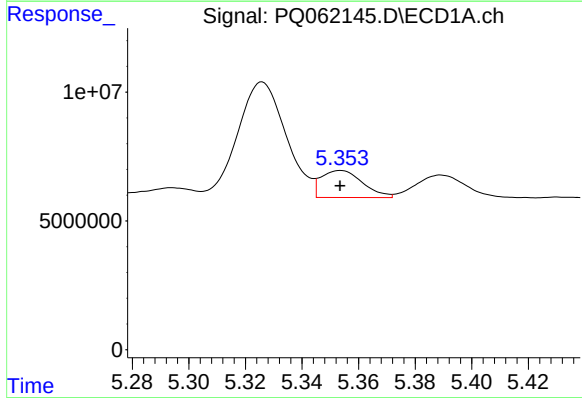
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62054988
Conc: 357.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



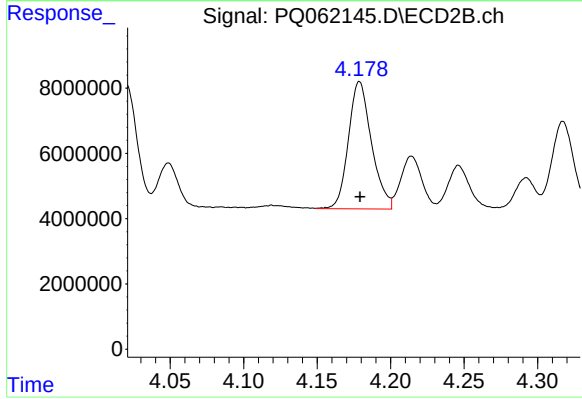
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 37827475
Conc: 417.78 ng/ml



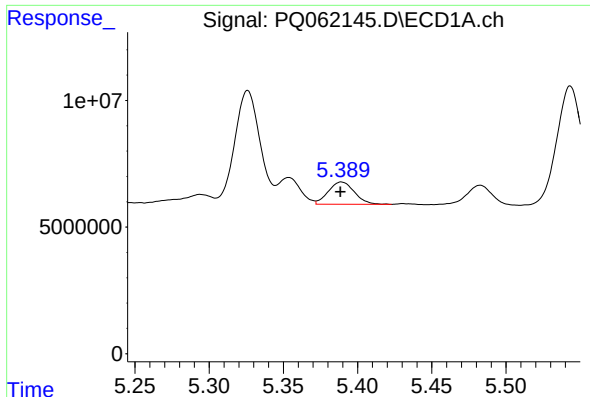
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 10711566
Conc: 55.81 ng/ml



#24 AR-1248-4

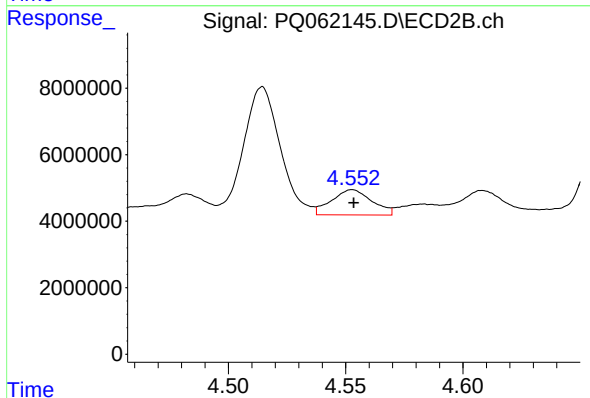
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 42660017
Conc: 378.06 ng/ml



#25 AR-1248-5

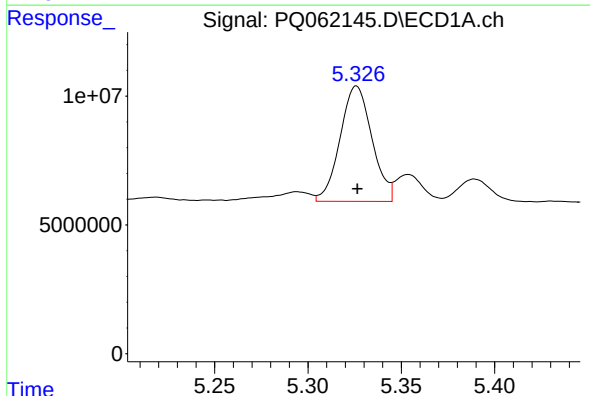
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 10754037
Conc: 59.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



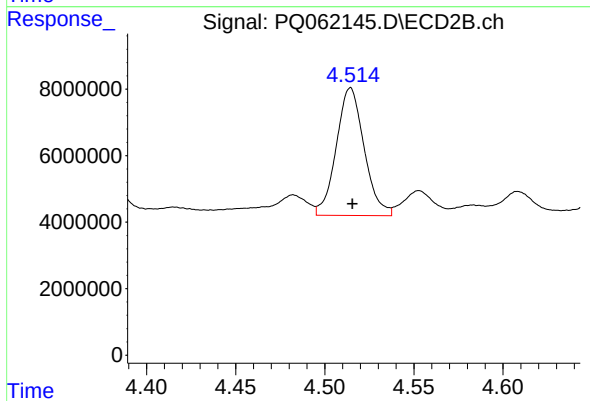
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 9117751
Conc: 81.38 ng/ml



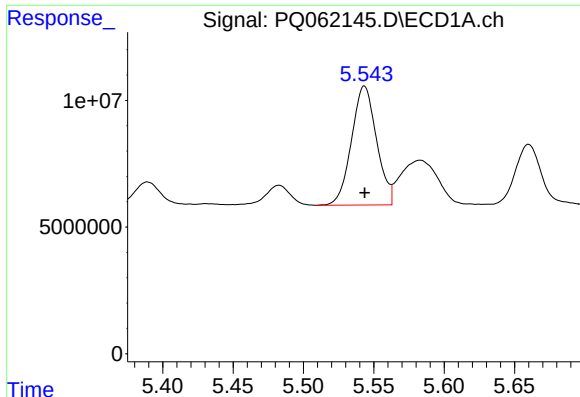
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 53323337
Conc: 286.96 ng/ml



#26 AR-1254-1

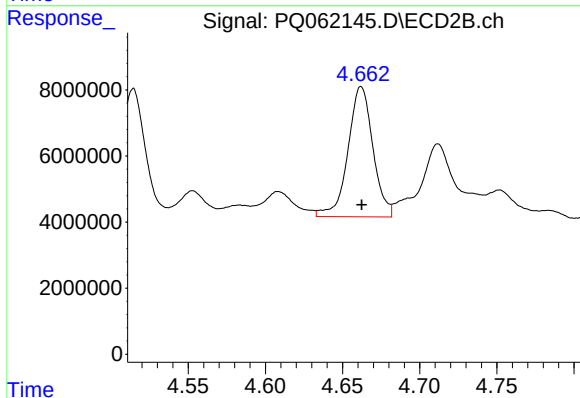
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 41875843
Conc: 259.35 ng/ml



#27 AR-1254-2

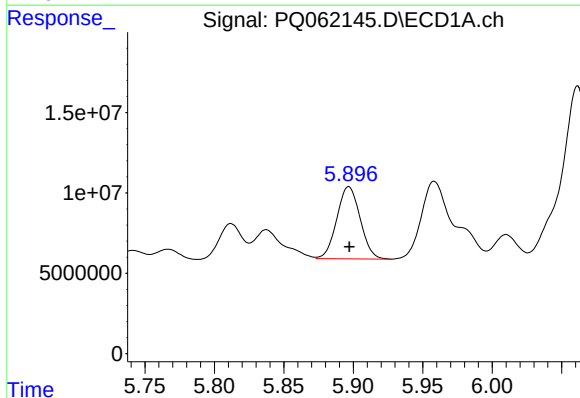
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 58378193
Conc: 200.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



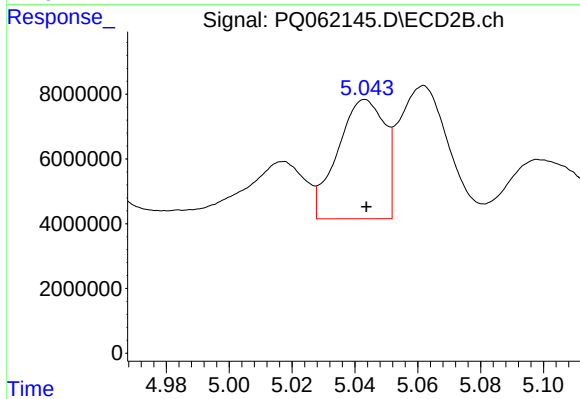
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 44431761
Conc: 301.80 ng/ml



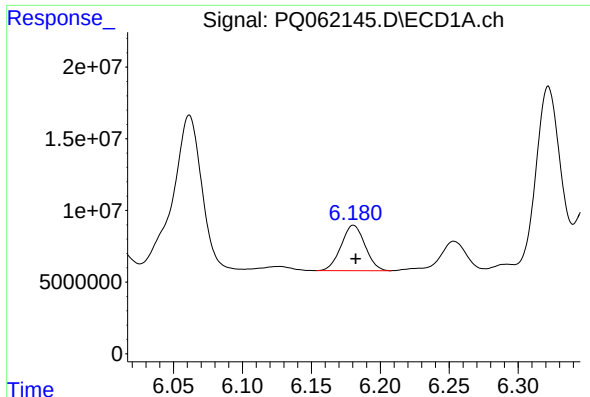
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 52492113
Conc: 170.91 ng/ml



#28 AR-1254-3

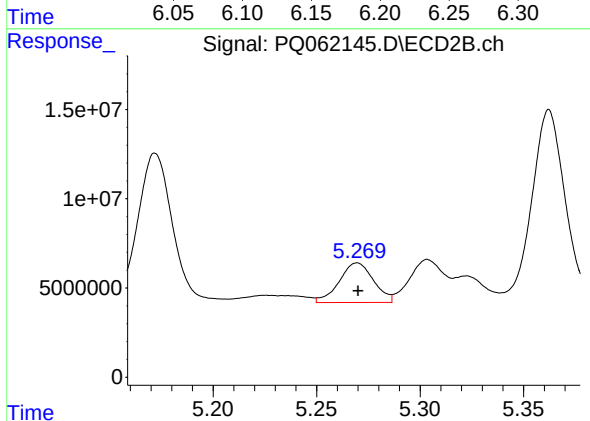
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 38192410
Conc: 163.42 ng/ml



#29 AR-1254-4

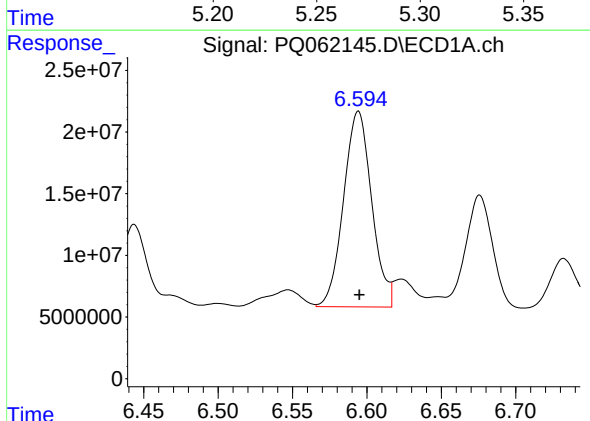
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 38179452
Conc: 164.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



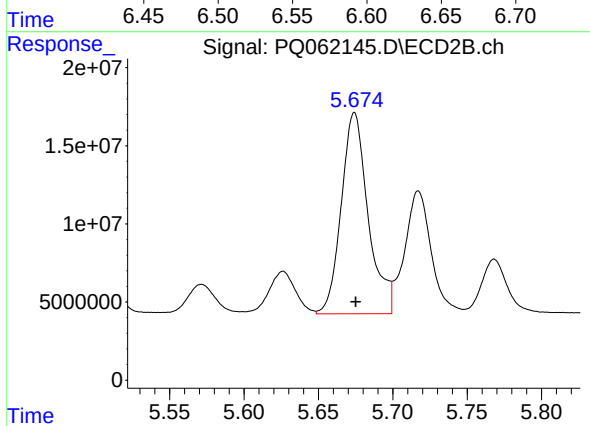
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 25620030
Conc: 168.09 ng/ml



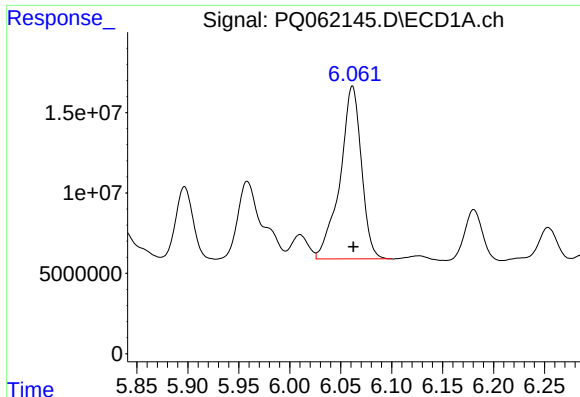
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 209029231
Conc: 813.75 ng/ml



#30 AR-1254-5

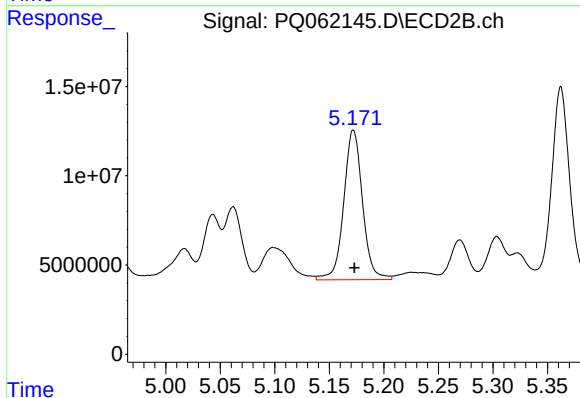
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 162088012
Conc: 702.30 ng/ml



#31 AR-1260-1

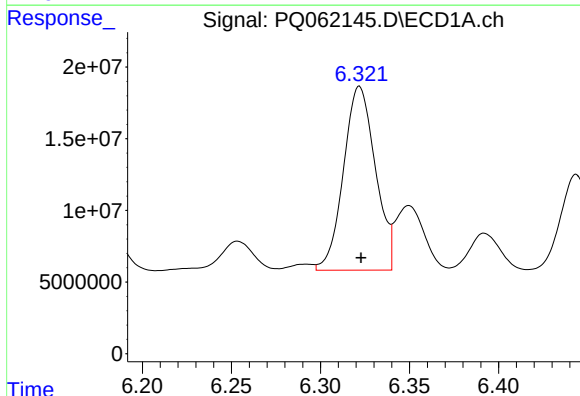
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 156971671
Conc: 665.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



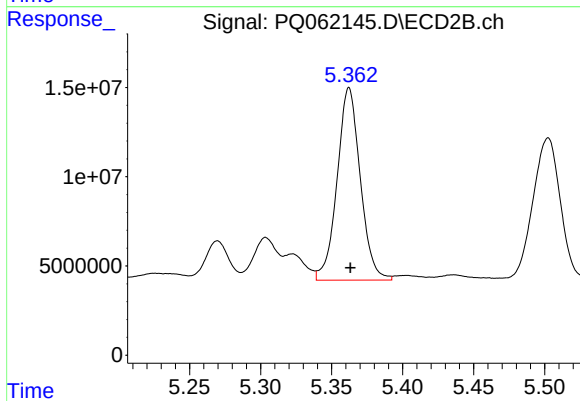
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 100704385
Conc: 604.64 ng/ml



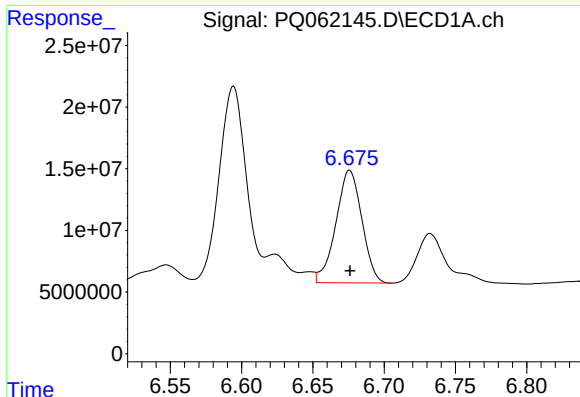
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 159509943
Conc: 552.30 ng/ml



#32 AR-1260-2

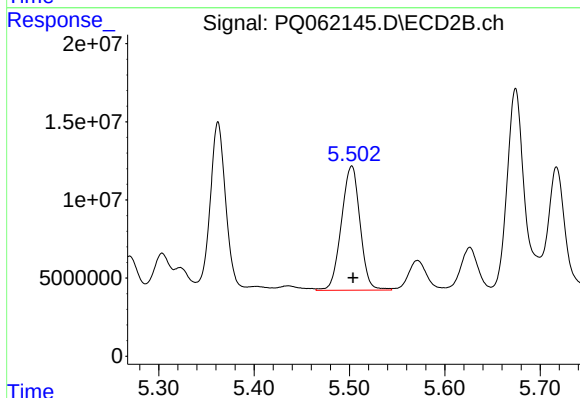
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 122600662
Conc: 589.58 ng/ml



#33 AR-1260-3

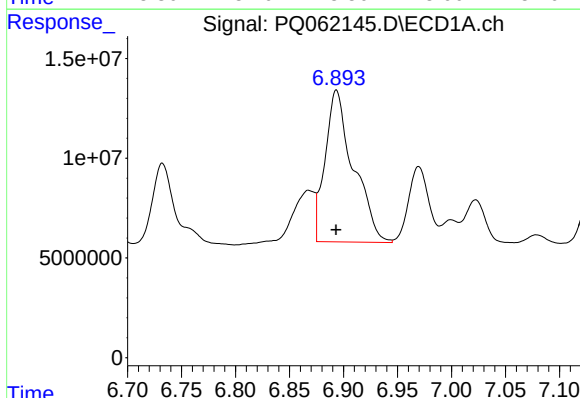
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 115745739
Conc: 655.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



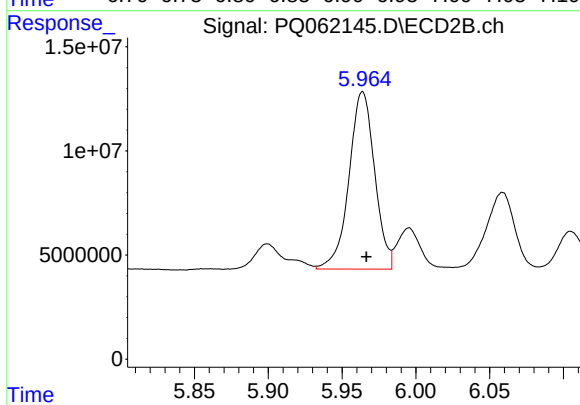
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 108143500
Conc: 555.84 ng/ml



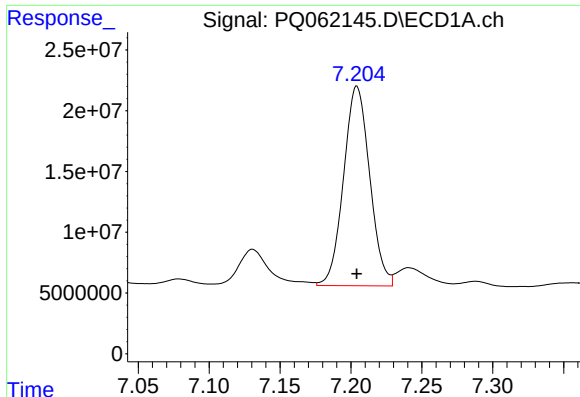
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 138718848
Conc: 658.53 ng/ml



#34 AR-1260-4

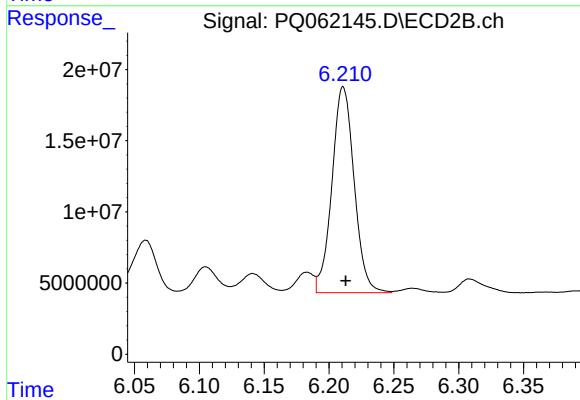
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 103023879
Conc: 706.31 ng/ml



#35 AR-1260-5

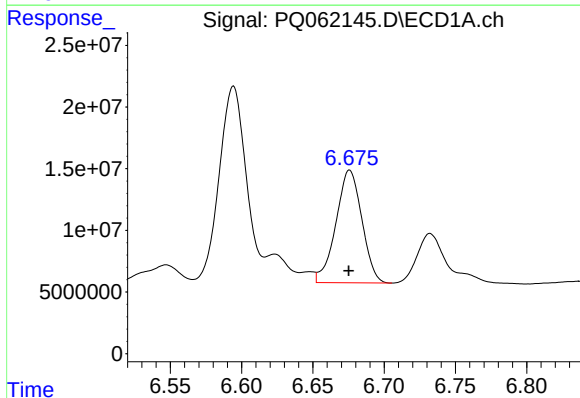
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 210761587
Conc: 513.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



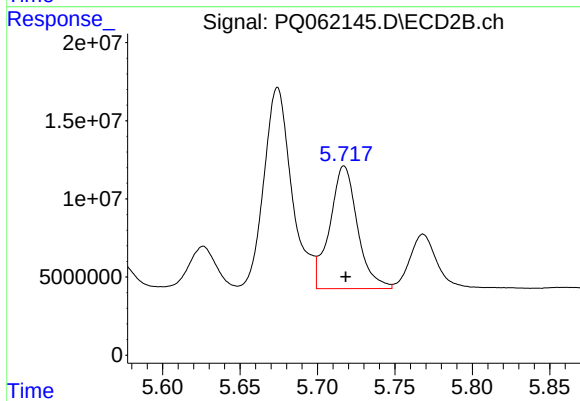
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 172841349
Conc: 520.51 ng/ml



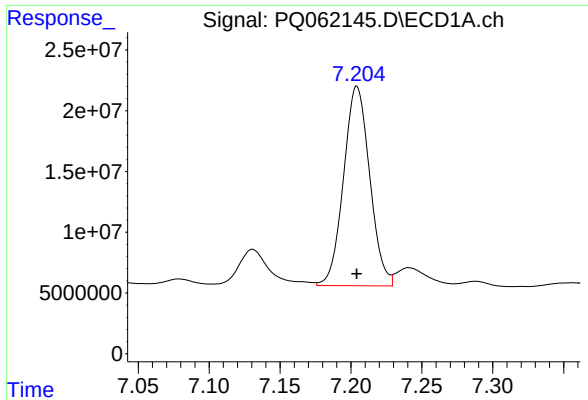
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 115745739
Conc: 379.57 ng/ml



#36 AR-1262-1

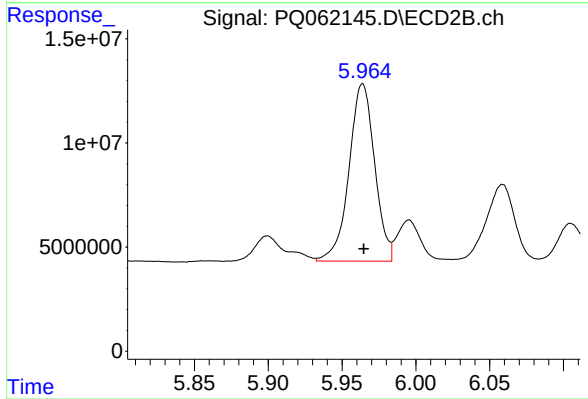
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 97905490
Conc: 421.15 ng/ml



#37 AR-1262-2

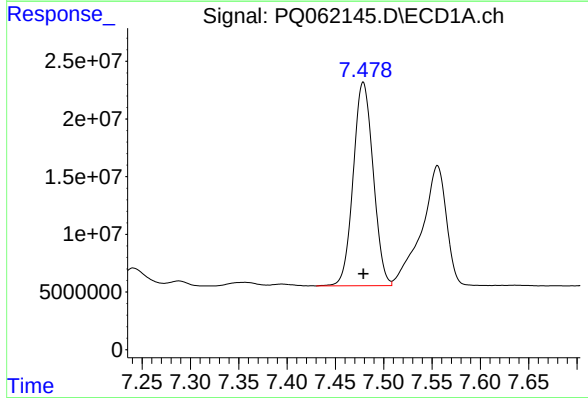
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 210761587
Conc: 400.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



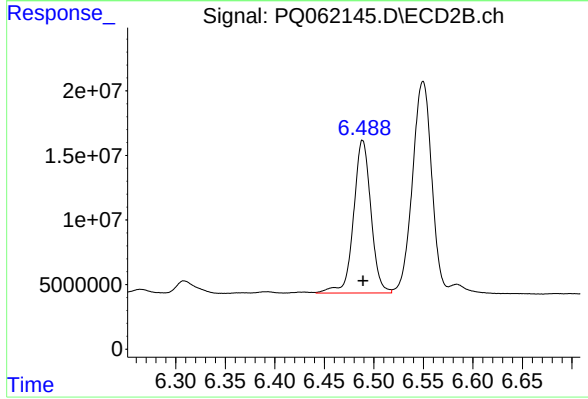
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 103023879
Conc: 476.51 ng/ml



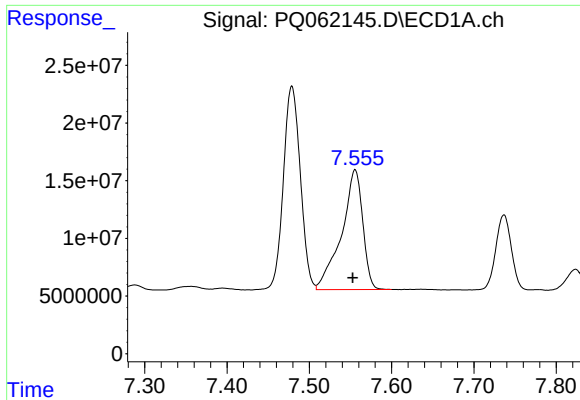
#38 AR-1262-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 253324084
Conc: 719.05 ng/ml



#38 AR-1262-3

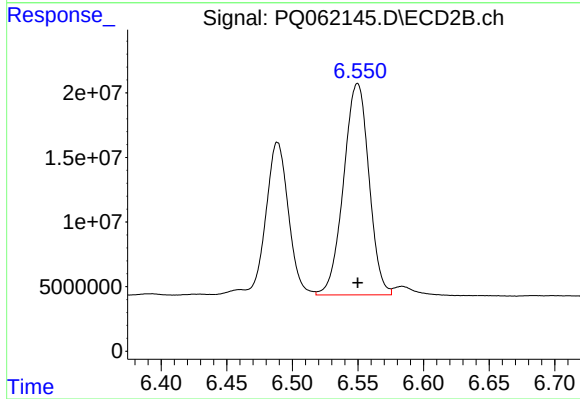
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 144414307
Conc: 828.41 ng/ml



#39 AR-1262-4

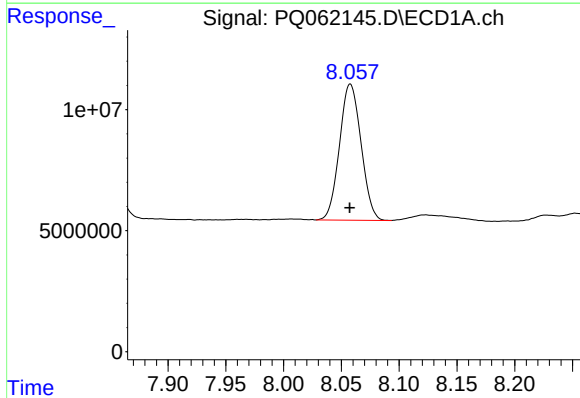
R.T.: 7.556 min
Delta R.T.: 0.003 min
Response: 186436114
Conc: 699.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



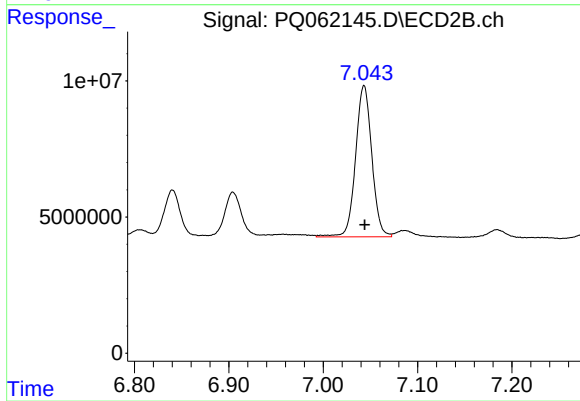
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 220411635
Conc: 683.88 ng/ml



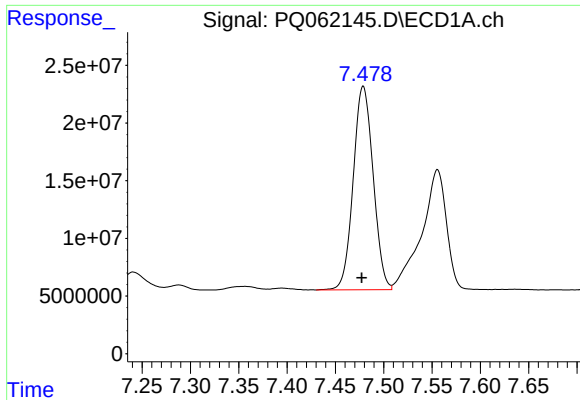
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 72817480
Conc: 410.22 ng/ml



#40 AR-1262-5

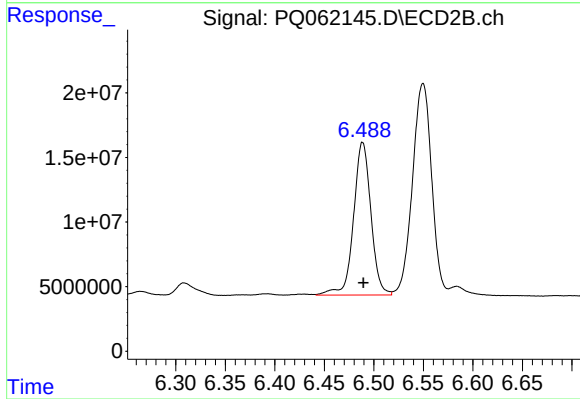
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 66519066
Conc: 428.84 ng/ml



#41 AR-1268-1

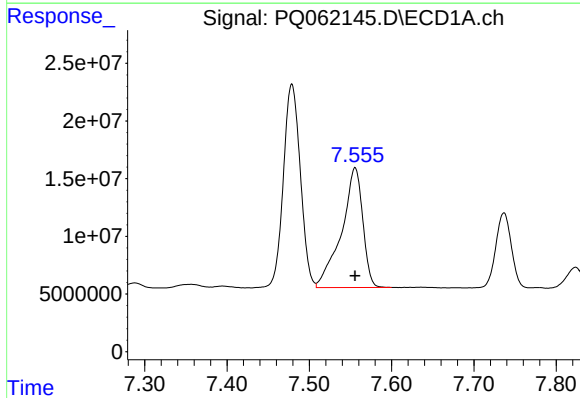
R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 253324084
Conc: 446.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



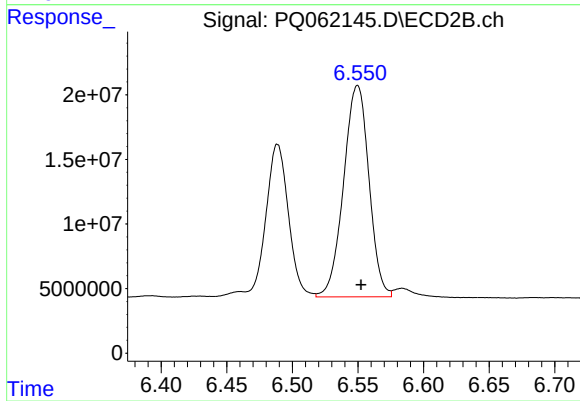
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 144414307
Conc: 306.91 ng/ml



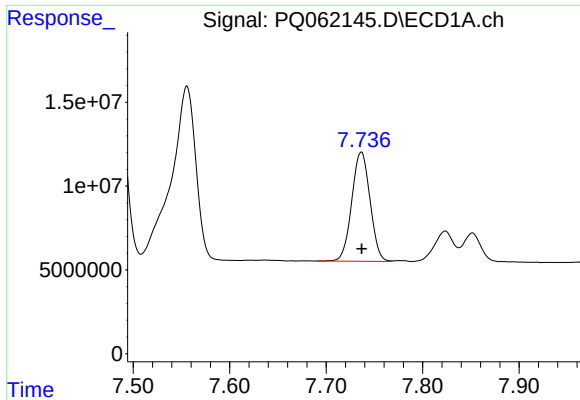
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 186436114
Conc: 365.65 ng/ml



#42 AR-1268-2

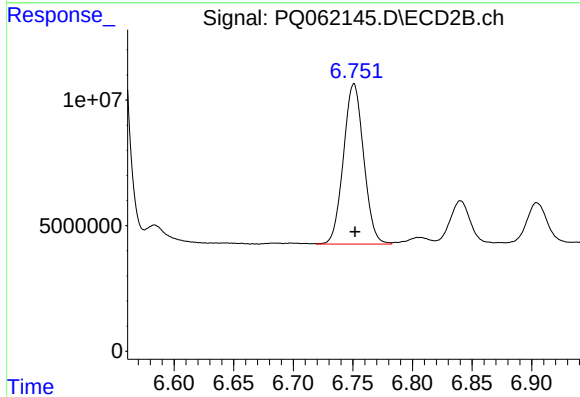
R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 220411635
Conc: 520.20 ng/ml



#43 AR-1268-3

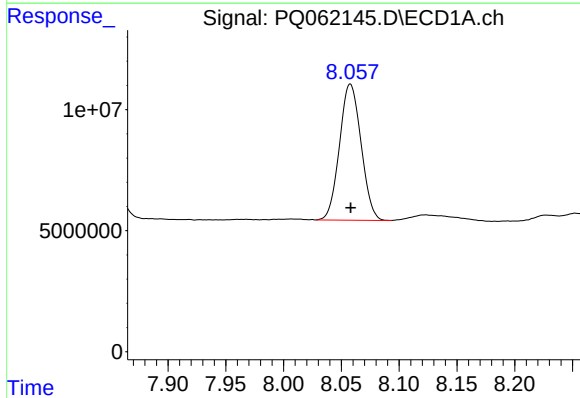
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 85867976
Conc: 201.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



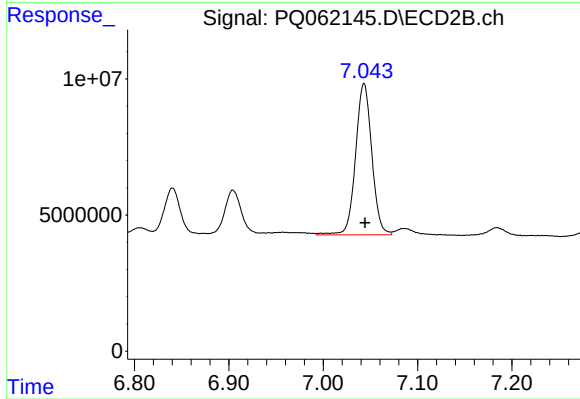
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 75385212
Conc: 204.67 ng/ml



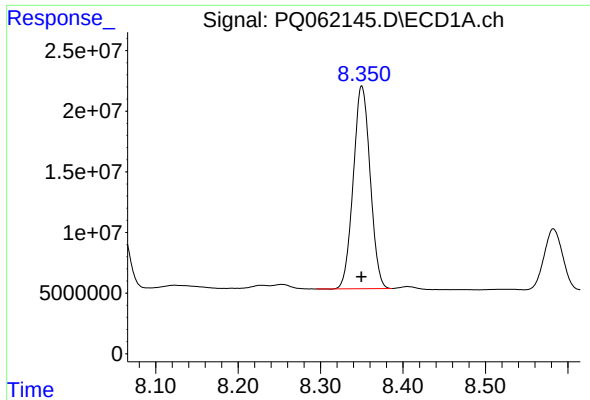
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 72817480
Conc: 397.94 ng/ml



#44 AR-1268-4

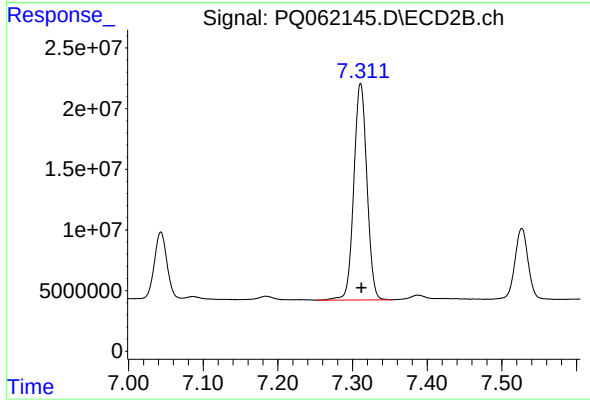
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 66519066
Conc: 415.91 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 237841407
Conc: 188.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 218298278
Conc: 187.07 ng/ml