

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 17:35
 Operator : YP\AJ
 Sample : PB154281BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:34:35 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...	3.401	2.755	86805736	50763058	17.795	20.232
2)	SA Decachlor...	8.583	7.524	77974008	75508258	21.464	22.660
Target Compounds							
3)	L1 AR-1016-1	4.502	3.756	71177726	45318153	432.119	457.873
4)	L1 AR-1016-2	4.521	3.772	106.9E6	67787961	432.327	470.100
5)	L1 AR-1016-3	4.579	3.932	66036420	34254204	433.294	454.043
6)	L1 AR-1016-4	4.670	3.982	54516776	29664179	434.933	451.653
7)	L1 AR-1016-5	4.958	4.175	53730470	36638637	441.438	446.913
8)	L2 AR-1221-1	3.598	2.956	8145885	4205908	135.521	127.465
9)	L2 AR-1221-2	3.681	3.033	9785928	5687584	217.791	223.920
10)	L2 AR-1221-3	3.750	3.101	40549106	24981290	288.568	324.050
11)	L3 AR-1232-1	3.750	3.101	40549106	24981290	383.983	435.984
12)	L3 AR-1232-2	4.244	3.772	53460958	67787961	903.803	1018.526
13)	L3 AR-1232-3	4.521	3.932	106.9E6	34254204	945.351	991.296
14)	L3 AR-1232-4	4.670	4.018	54516776	32893978	962.065	1106.058
15)	L3 AR-1232-5	4.768	4.175	42519652	36638637	1061.664	1027.419
16)	L4 AR-1242-1	4.502	3.756	71177726	45318153	544.572	585.967
17)	L4 AR-1242-2	4.521	3.772	106.9E6	67787961	550.643	609.831
18)	L4 AR-1242-3	4.579	3.932	66036420	34254204	546.459	584.782
19)	L4 AR-1242-4	4.670	4.018	54516776	32893978	559.228	561.061
20)	L4 AR-1242-5	5.387	4.512	7397656	30485432	77.276	367.770 #
21)	L5 AR-1248-1	4.502	3.756	71177726	45318153	684.542	724.854
22)	L5 AR-1248-2	4.768	3.982	42519652	29664179	295.970	316.355
23)	L5 AR-1248-3	4.958	4.018	53730470	32893978	309.306	363.294
24)	L5 AR-1248-4	5.351	4.175	8281943	36638637	43.151	324.697 #
25)	L5 AR-1248-5	5.387	4.550	7397656	4460989	40.843	39.819
26)	L6 AR-1254-1	5.325	4.512	41644597	30485432	224.111	188.808
27)	L6 AR-1254-2	5.543	4.659	47719725	30091361	164.147	204.391
28)	L6 AR-1254-3	5.895	5.040	25294610	16431128	82.355	70.308
29)	L6 AR-1254-4	6.179	5.266	16681231	6784675	71.842	44.515 #
30)	L6 AR-1254-5	6.593	5.671	155.7E6	121.6E6	605.973	526.970
31)	L7 AR-1260-1	6.061	5.169	105.6E6	78246517	447.629	469.799
32)	L7 AR-1260-2	6.321	5.359	128.4E6	97505346	444.463	468.897
33)	L7 AR-1260-3	6.675	5.499	79645153	91840320	451.052	472.044
34)	L7 AR-1260-4	6.892	5.962	95691336	70363922	454.268	482.402
35)	L7 AR-1260-5	7.203	6.209	191.9E6	163.7E6	467.377	493.095
36)	L8 AR-1262-1	6.675	5.714	79645153	69302442	261.182	298.111
37)	L8 AR-1262-2	7.203	5.962	191.9E6	70363922	364.352	325.447
38)	L8 AR-1262-3	7.482	6.486	124.1E6	34747140	352.356	199.321 #
39)	L8 AR-1262-4	7.552	6.543	32510586	129.6E6	121.890	402.058 #
40)	L8 AR-1262-5	8.058	7.041	47295524	43081832	266.440	277.742
41)	L9 AR-1268-1	7.482	6.486	124.1E6	34747140	218.750	73.846 #

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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

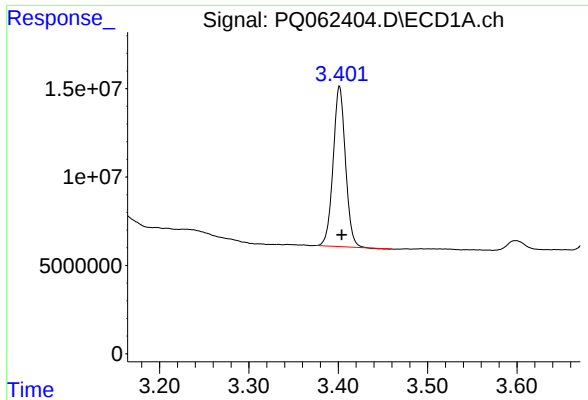
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:34:35 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	7.552	6.543	32510586	129.6E6	63.762	305.831 #
43) L9	AR-1268-3	7.735	6.748	3437737	3744632	8.055	10.167 #
44) L9	AR-1268-4	8.058	7.041	47295524	43081832	258.467	269.369
45) L9	AR-1268-5	8.350	7.309	15342050	14498617	12.169	12.424

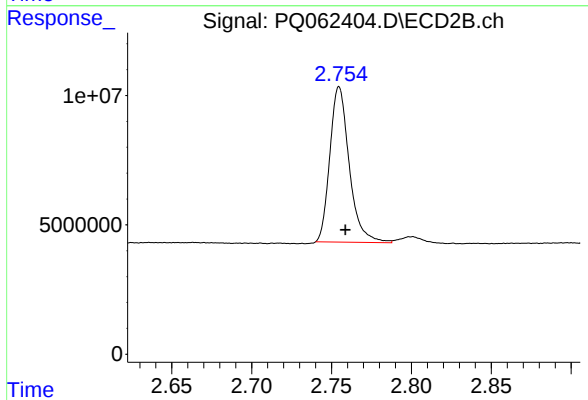
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

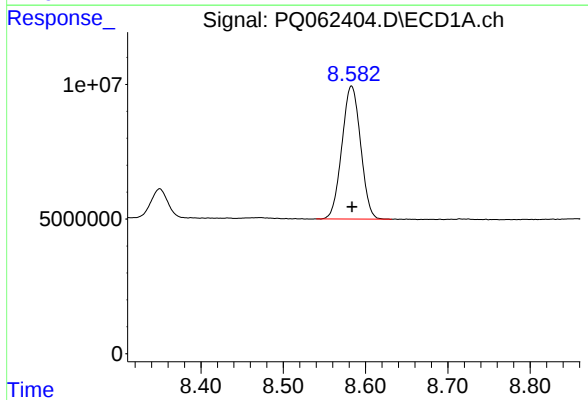
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 86805736
Conc: 17.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



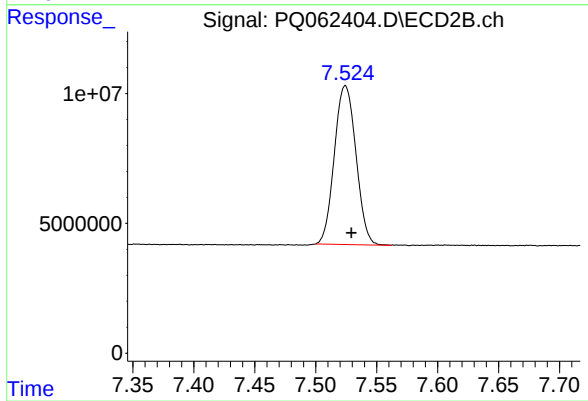
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 50763058
Conc: 20.23 ng/ml



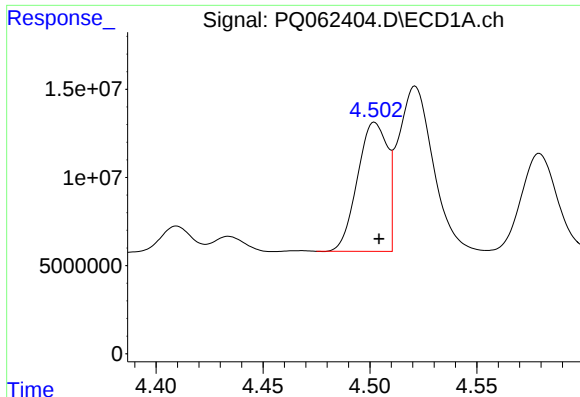
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 77974008
Conc: 21.46 ng/ml



#2 Decachlorobiphenyl

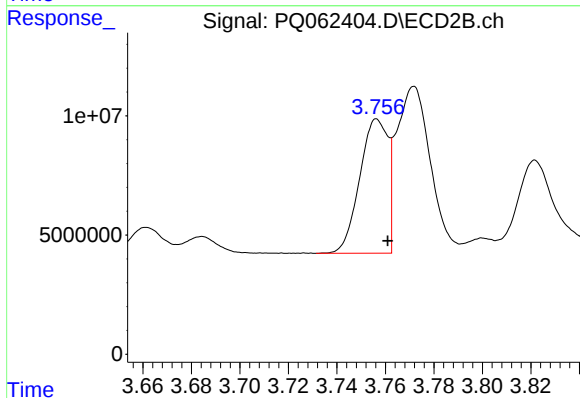
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 75508258
Conc: 22.66 ng/ml



#3 AR-1016-1

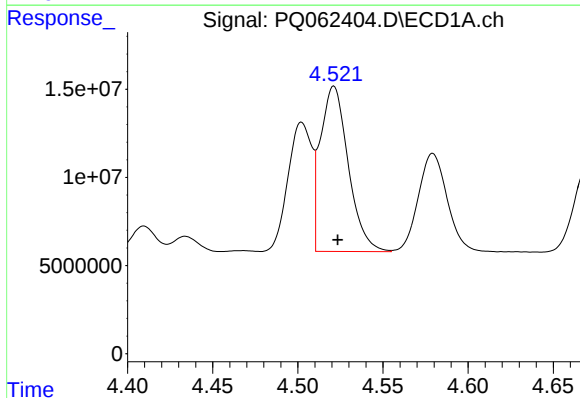
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 71177726
Conc: 432.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



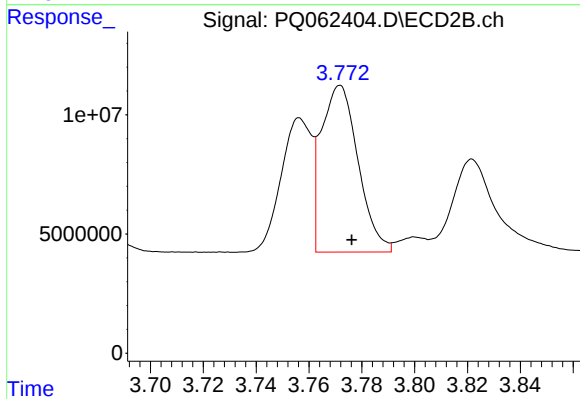
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 45318153
Conc: 457.87 ng/ml



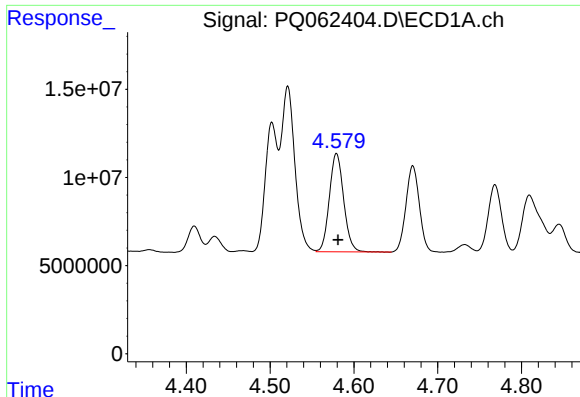
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 106900874
Conc: 432.33 ng/ml



#4 AR-1016-2

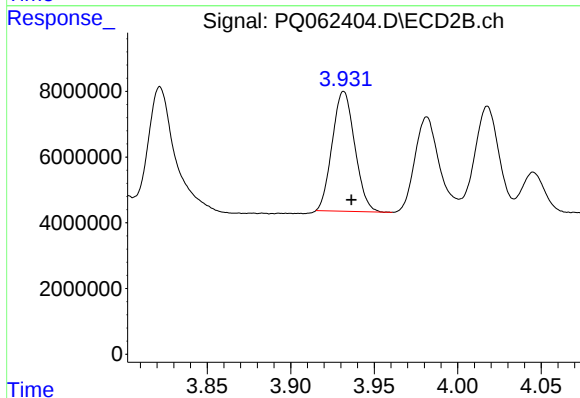
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 67787961
Conc: 470.10 ng/ml



#5 AR-1016-3

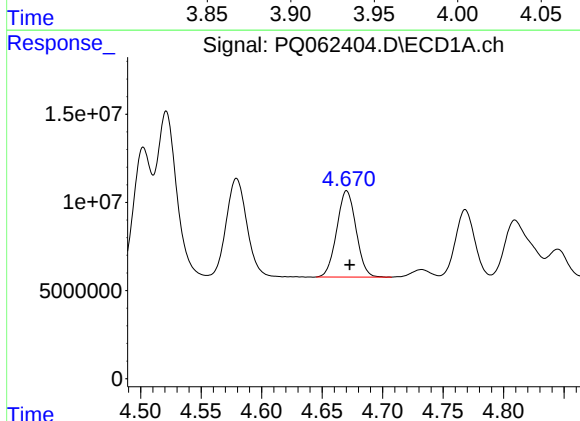
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 66036420
Conc: 433.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



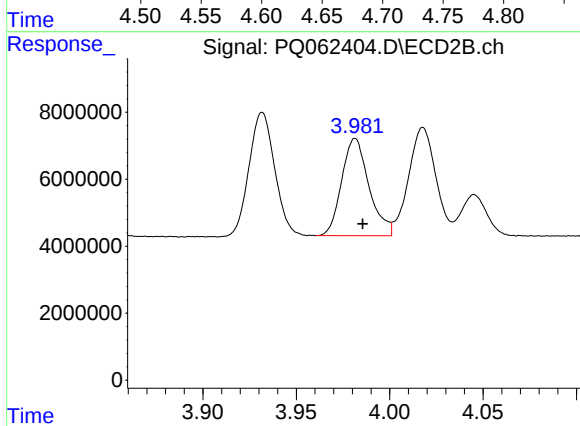
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 34254204
Conc: 454.04 ng/ml



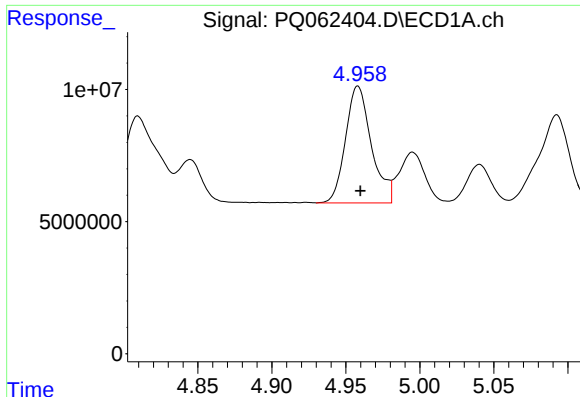
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 54516776
Conc: 434.93 ng/ml



#6 AR-1016-4

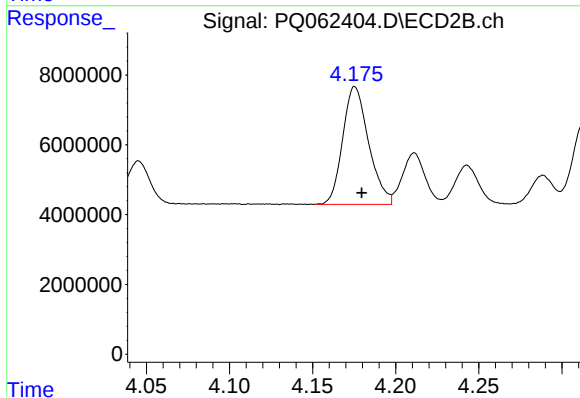
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 29664179
Conc: 451.65 ng/ml



#7 AR-1016-5

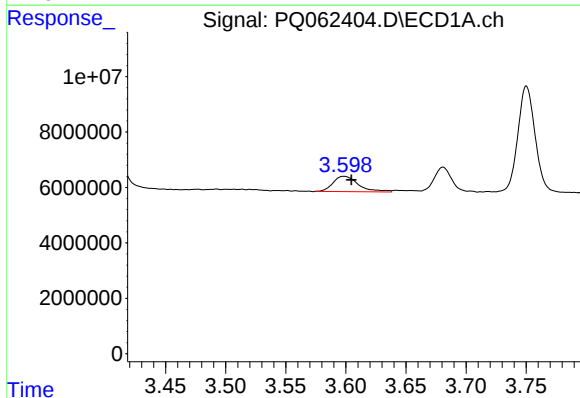
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 53730470
Conc: 441.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



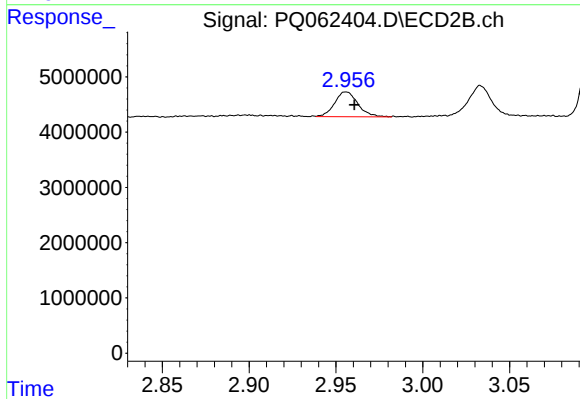
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 36638637
Conc: 446.91 ng/ml



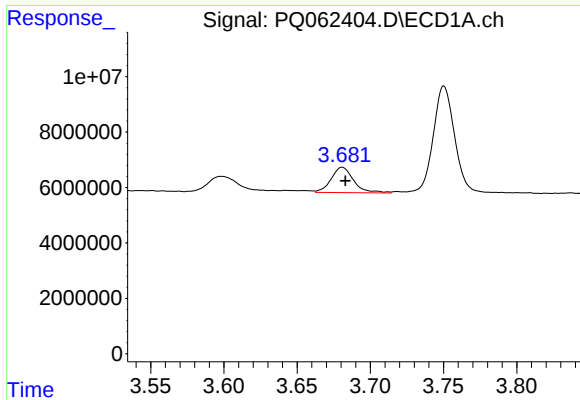
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 8145885
Conc: 135.52 ng/ml



#8 AR-1221-1

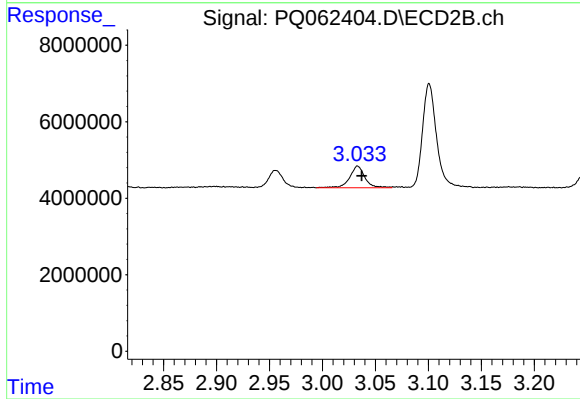
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 4205908
Conc: 127.47 ng/ml



#9 AR-1221-2

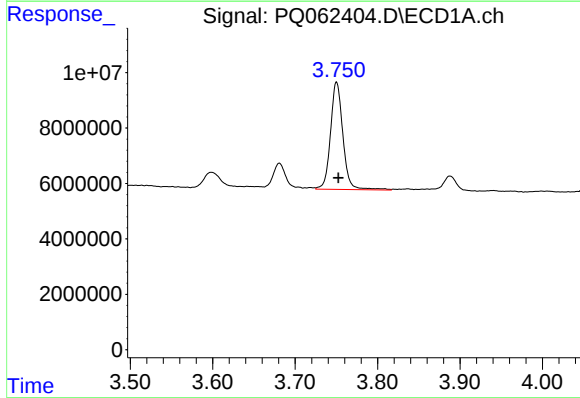
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 9785928
Conc: 217.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



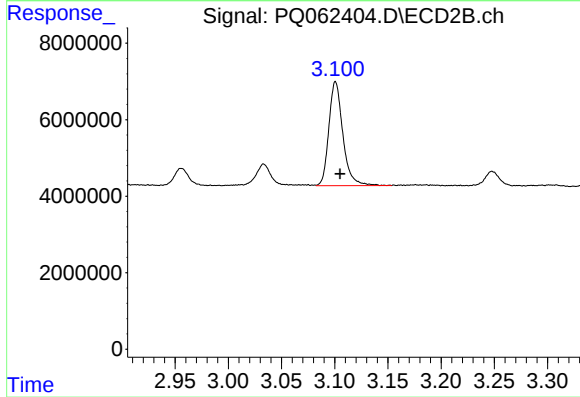
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.004 min
Response: 5687584
Conc: 223.92 ng/ml



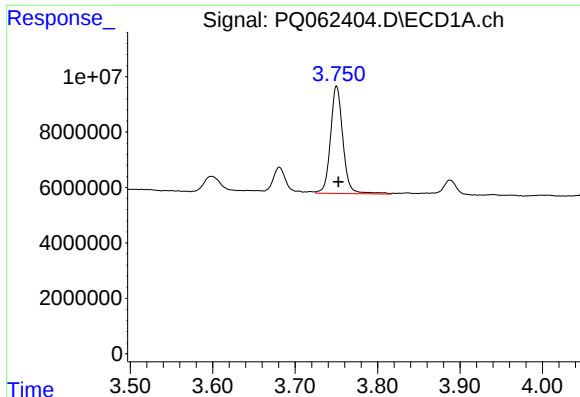
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 40549106
Conc: 288.57 ng/ml



#10 AR-1221-3

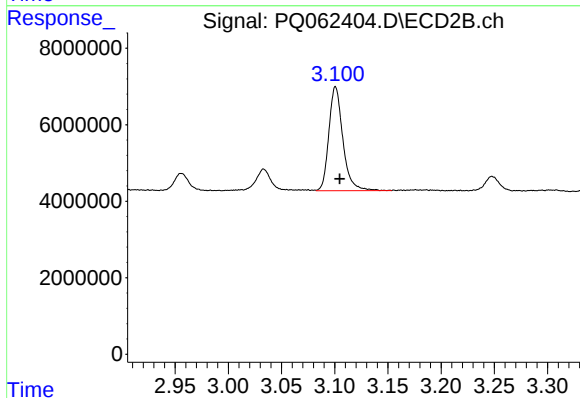
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 24981290
Conc: 324.05 ng/ml



#11 AR-1232-1

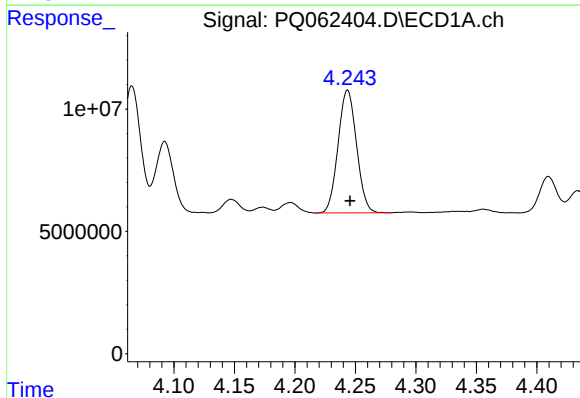
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 40549106
Conc: 383.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



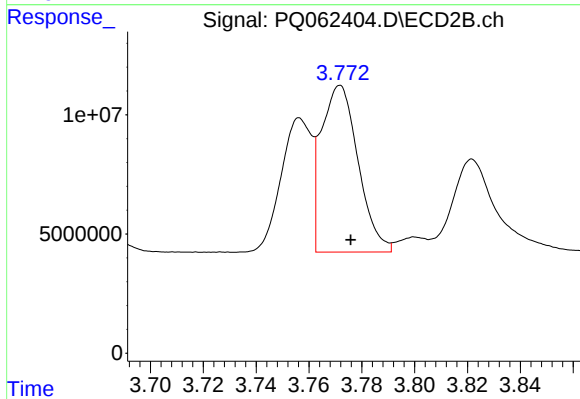
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 24981290
Conc: 435.98 ng/ml



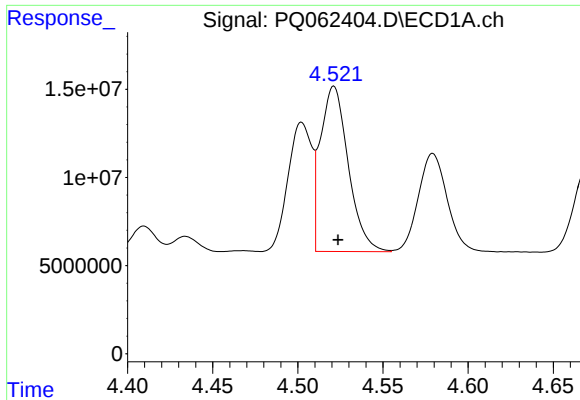
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 53460958
Conc: 903.80 ng/ml



#12 AR-1232-2

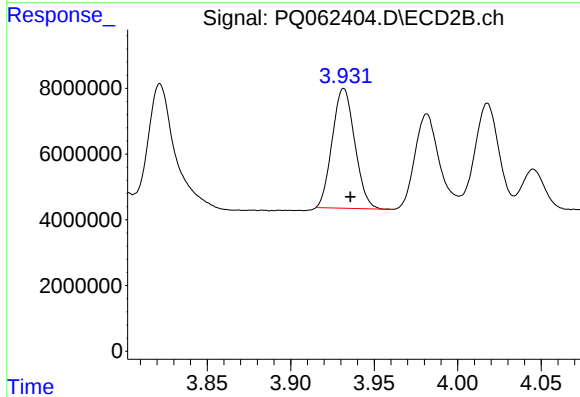
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 67787961
Conc: 1018.53 ng/ml



#13 AR-1232-3

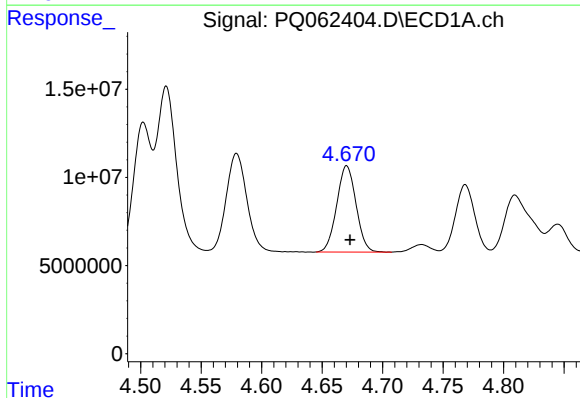
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 106900874
Conc: 945.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



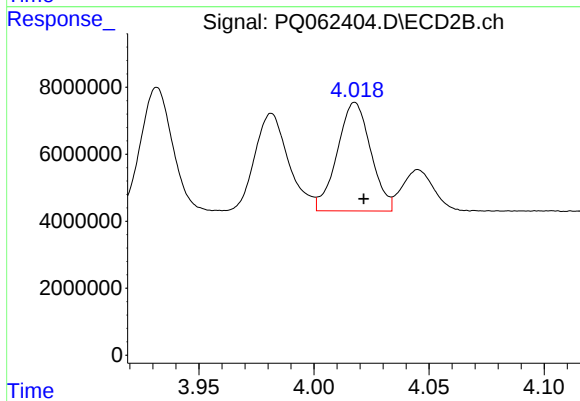
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 34254204
Conc: 991.30 ng/ml



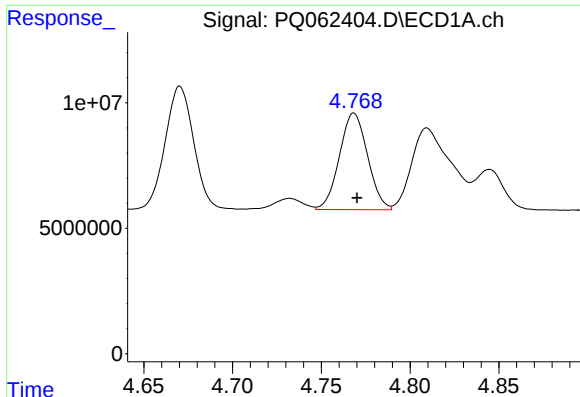
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 54516776
Conc: 962.06 ng/ml



#14 AR-1232-4

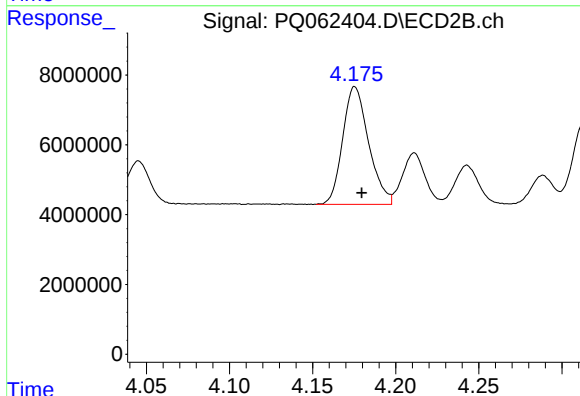
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 32893978
Conc: 1106.06 ng/ml



#15 AR-1232-5

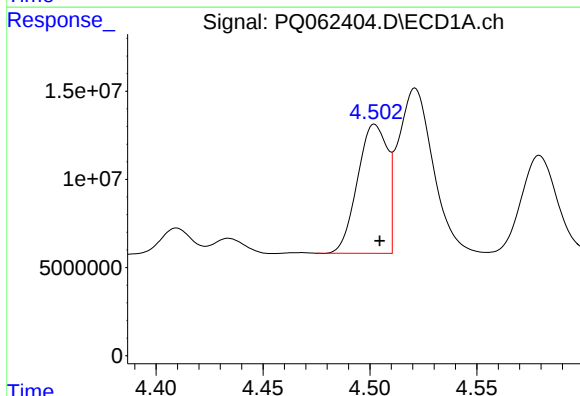
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 42519652
Conc: 1061.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



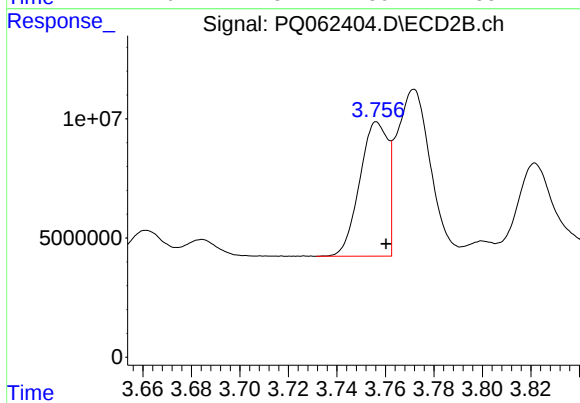
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 36638637
Conc: 1027.42 ng/ml



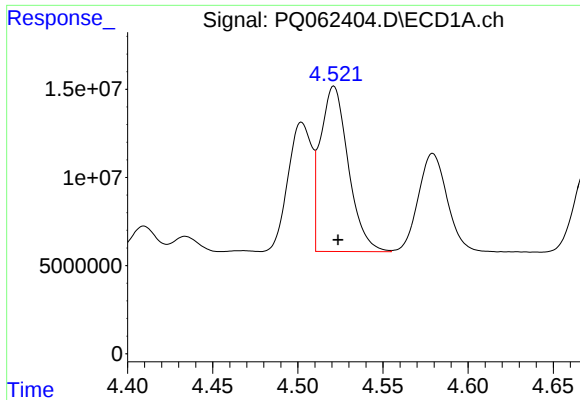
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 71177726
Conc: 544.57 ng/ml



#16 AR-1242-1

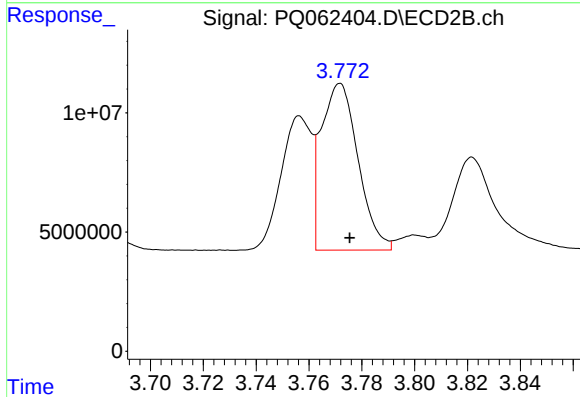
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 45318153
Conc: 585.97 ng/ml



#17 AR-1242-2

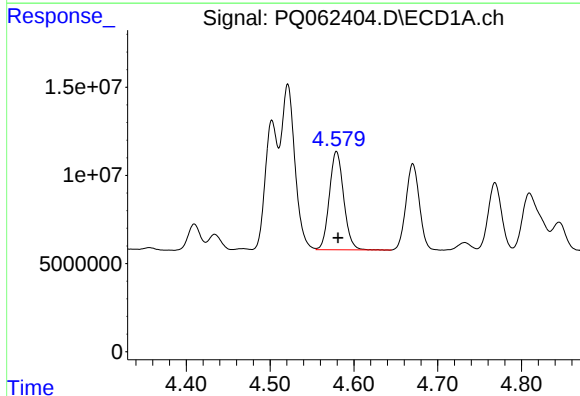
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 106900874
Conc: 550.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



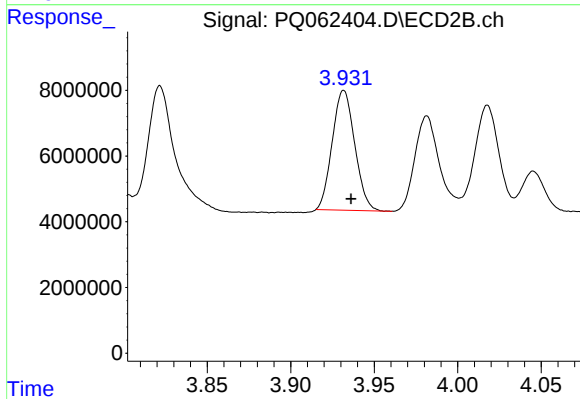
#17 AR-1242-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 67787961
Conc: 609.83 ng/ml



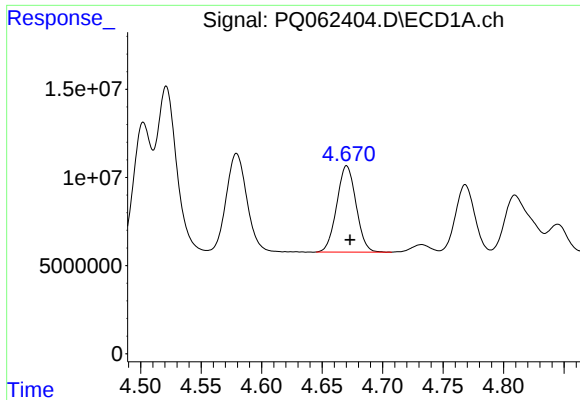
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 66036420
Conc: 546.46 ng/ml



#18 AR-1242-3

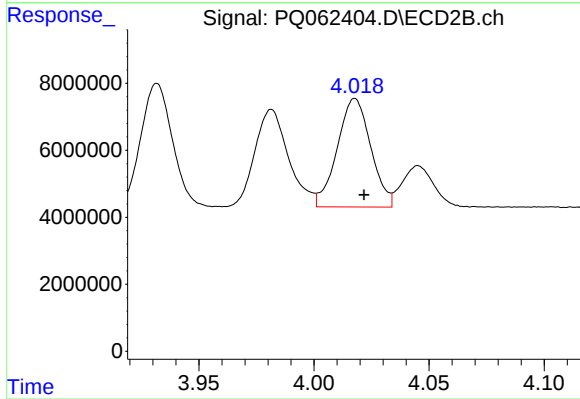
R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 34254204
Conc: 584.78 ng/ml



#19 AR-1242-4

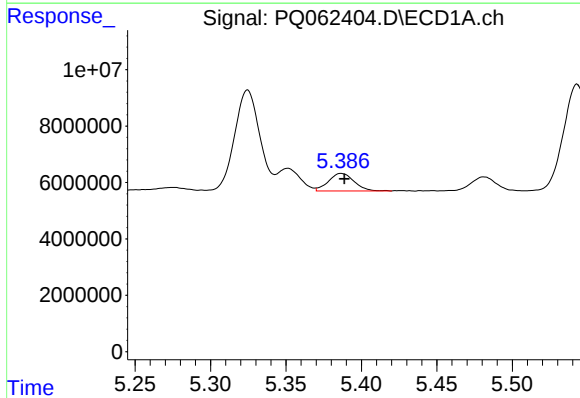
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 54516776
Conc: 559.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



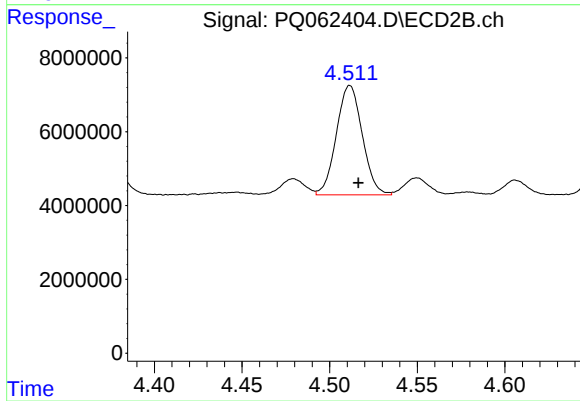
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 32893978
Conc: 561.06 ng/ml



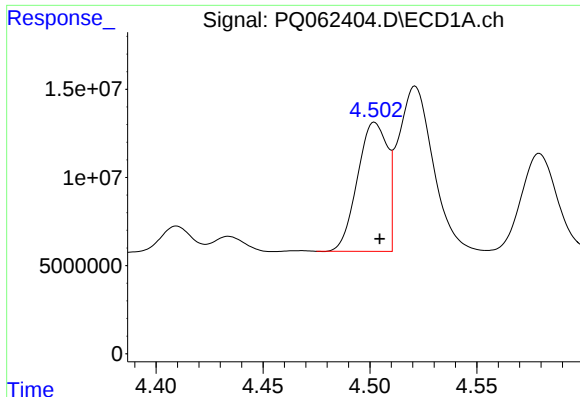
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7397656
Conc: 77.28 ng/ml



#20 AR-1242-5

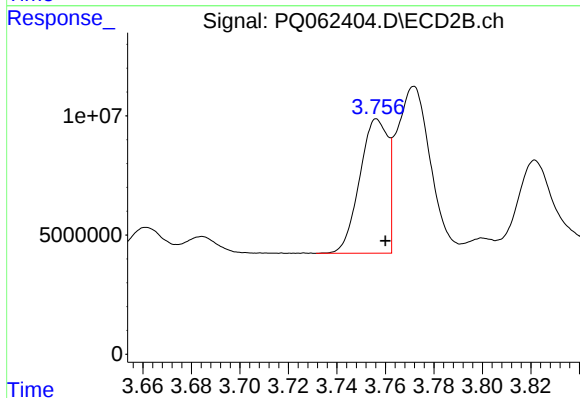
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 30485432
Conc: 367.77 ng/ml



#21 AR-1248-1

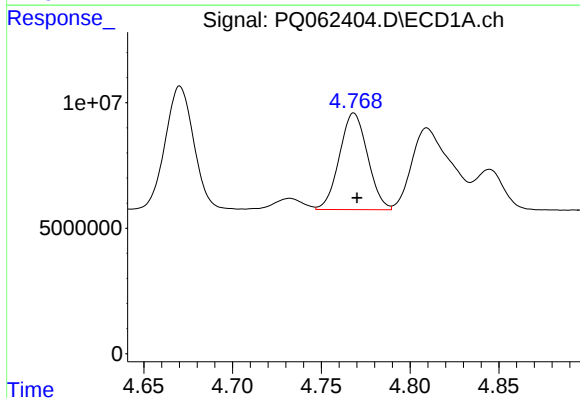
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 71177726
Conc: 684.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



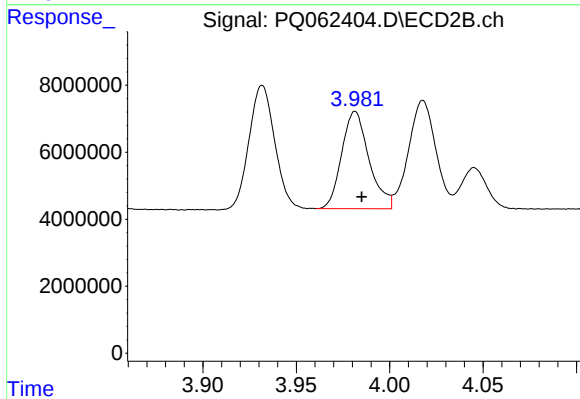
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 45318153
Conc: 724.85 ng/ml



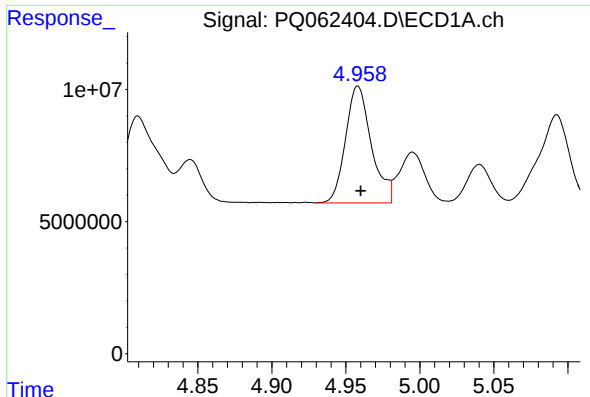
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 42519652
Conc: 295.97 ng/ml



#22 AR-1248-2

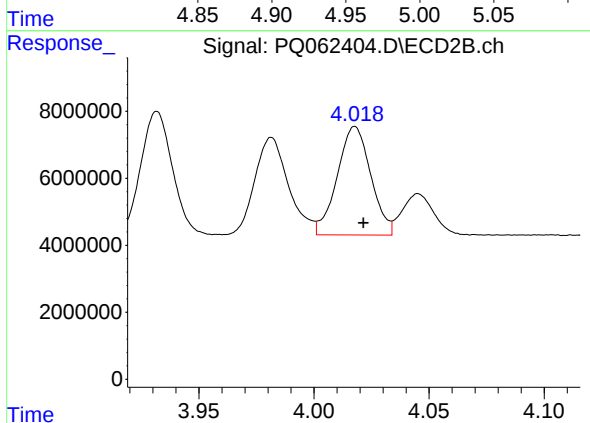
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 29664179
Conc: 316.35 ng/ml



#23 AR-1248-3

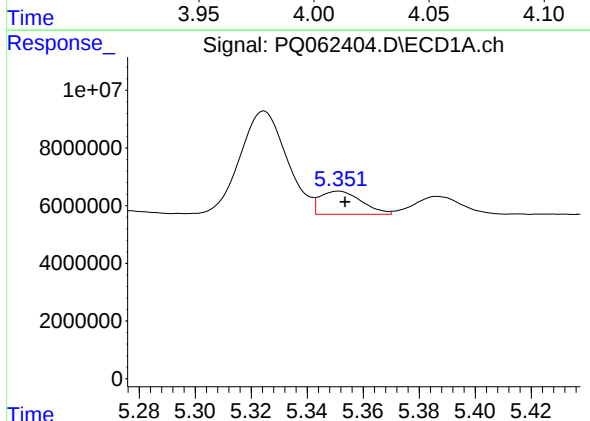
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 53730470
Conc: 309.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



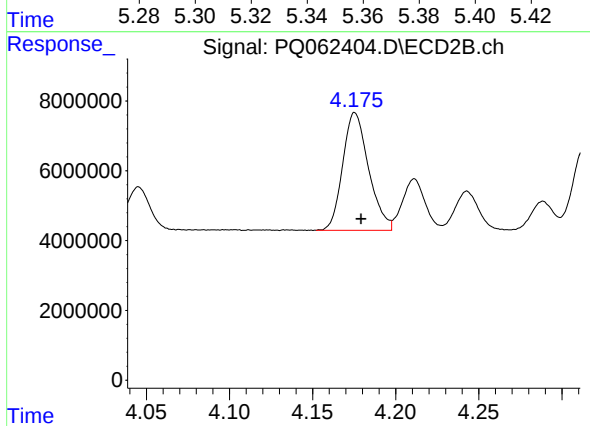
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 32893978
Conc: 363.29 ng/ml



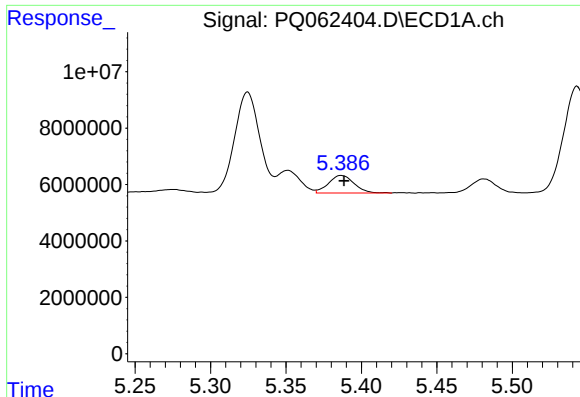
#24 AR-1248-4

R.T.: 5.351 min
Delta R.T.: -0.002 min
Response: 8281943
Conc: 43.15 ng/ml



#24 AR-1248-4

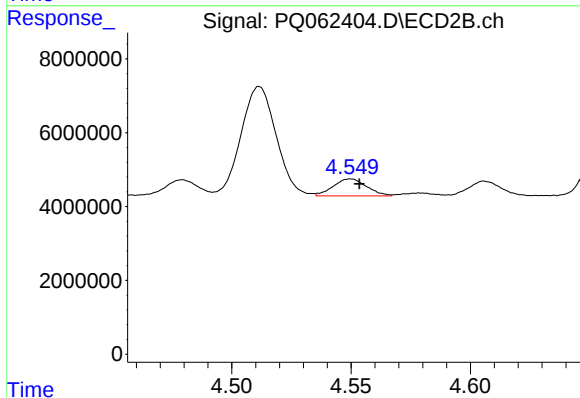
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 36638637
Conc: 324.70 ng/ml



#25 AR-1248-5

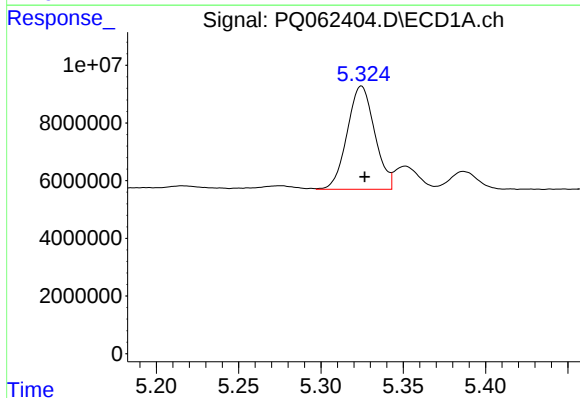
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7397656
Conc: 40.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



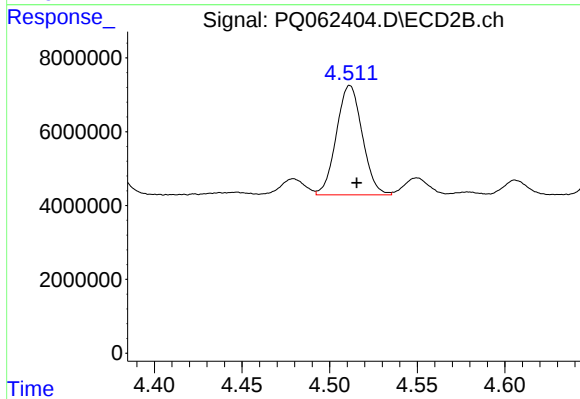
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 4460989
Conc: 39.82 ng/ml



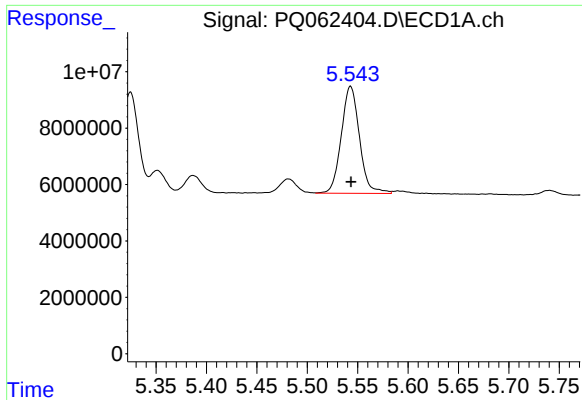
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 41644597
Conc: 224.11 ng/ml



#26 AR-1254-1

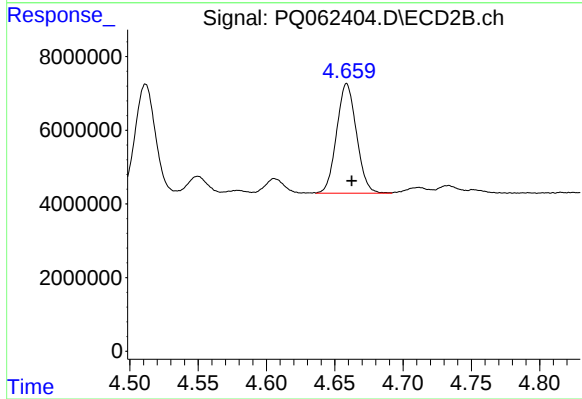
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 30485432
Conc: 188.81 ng/ml



#27 AR-1254-2

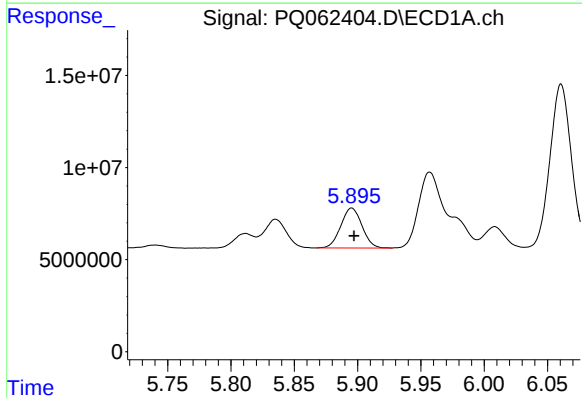
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 47719725
Conc: 164.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



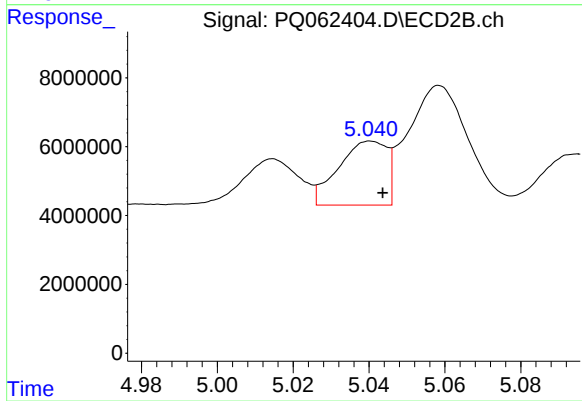
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 30091361
Conc: 204.39 ng/ml



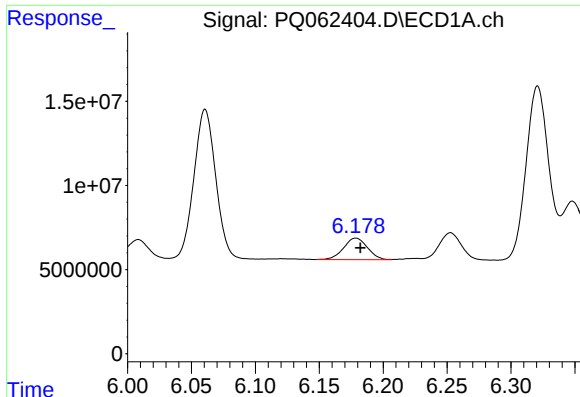
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 25294610
Conc: 82.36 ng/ml



#28 AR-1254-3

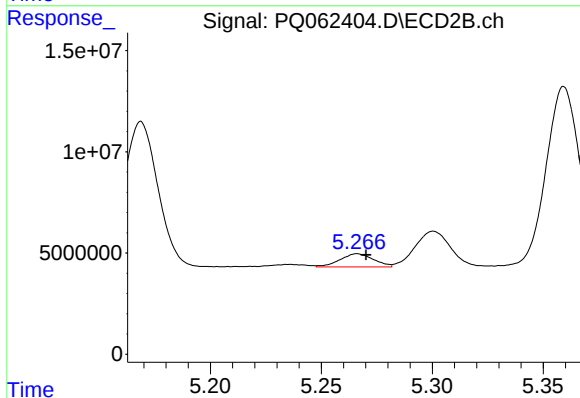
R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 16431128
Conc: 70.31 ng/ml



#29 AR-1254-4

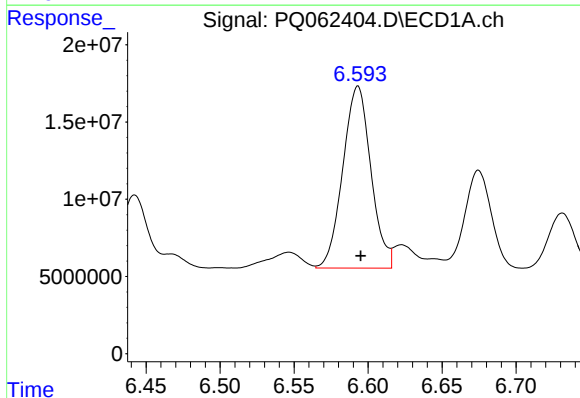
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 16681231
Conc: 71.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



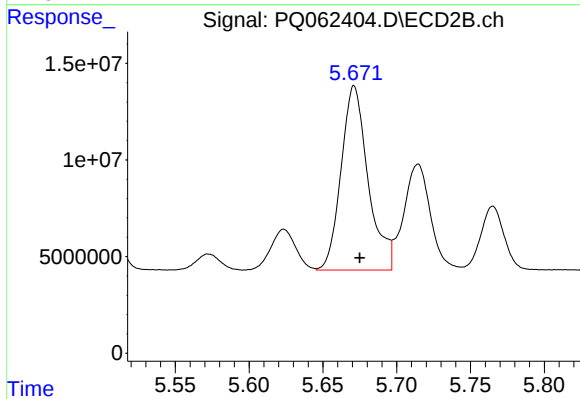
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 6784675
Conc: 44.51 ng/ml



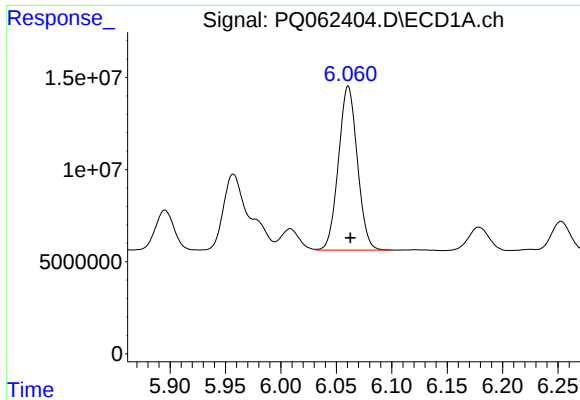
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 155656329
Conc: 605.97 ng/ml



#30 AR-1254-5

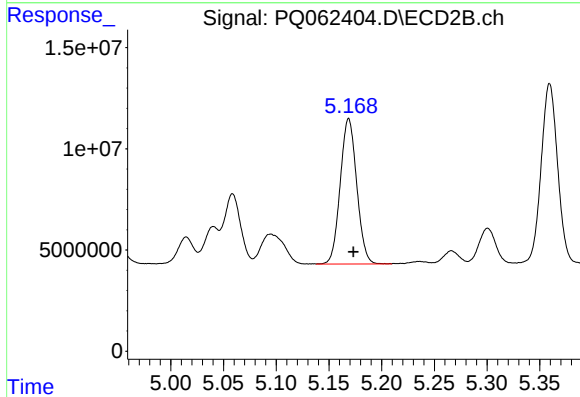
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 121622747
Conc: 526.97 ng/ml



#31 AR-1260-1

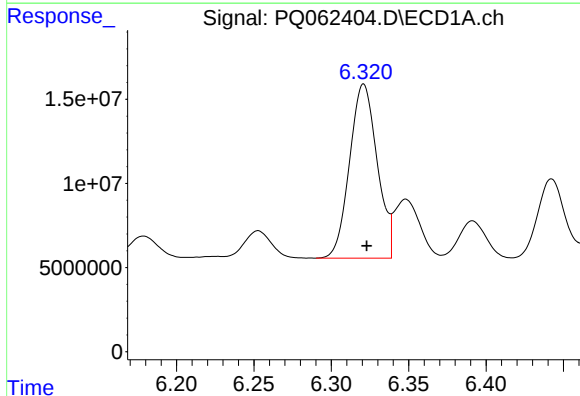
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 105609839
Conc: 447.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



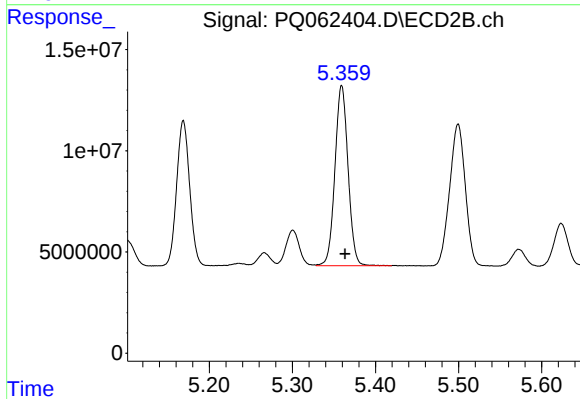
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 78246517
Conc: 469.80 ng/ml



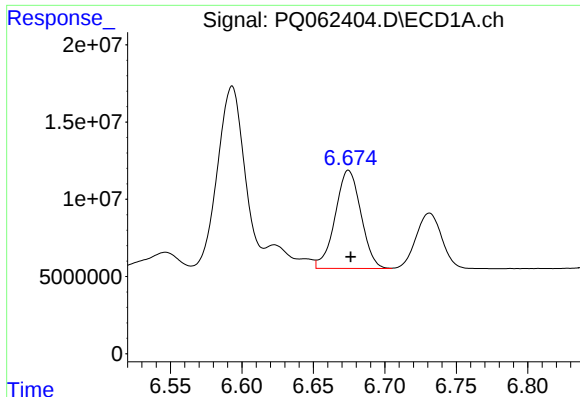
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 128366526
Conc: 444.46 ng/ml



#32 AR-1260-2

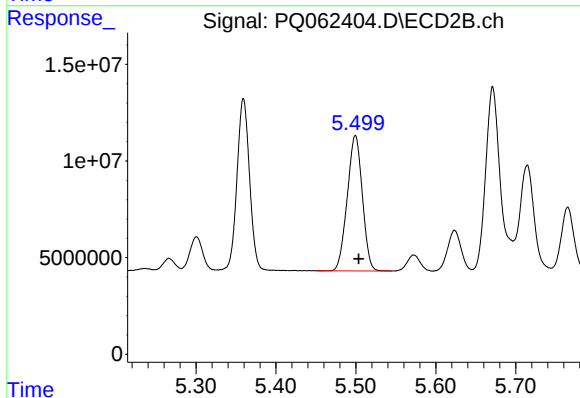
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 97505346
Conc: 468.90 ng/ml



#33 AR-1260-3

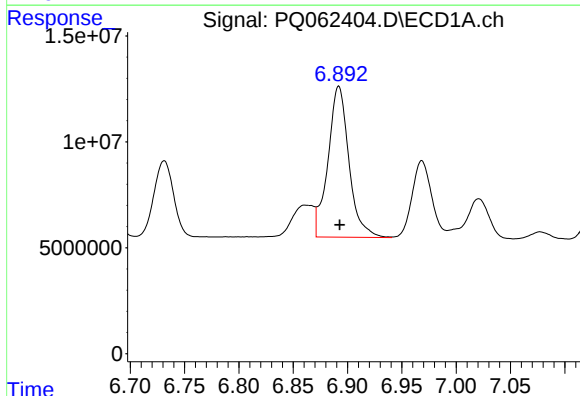
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 79645153
Conc: 451.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



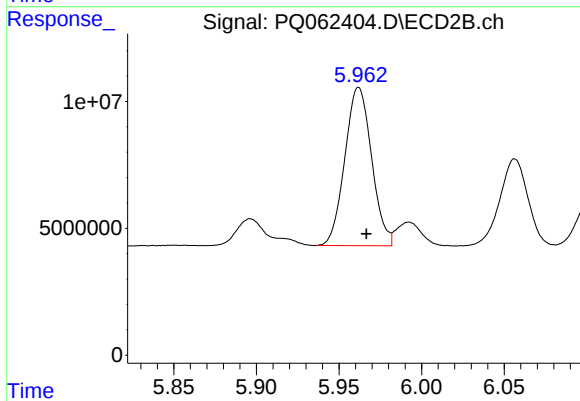
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 91840320
Conc: 472.04 ng/ml



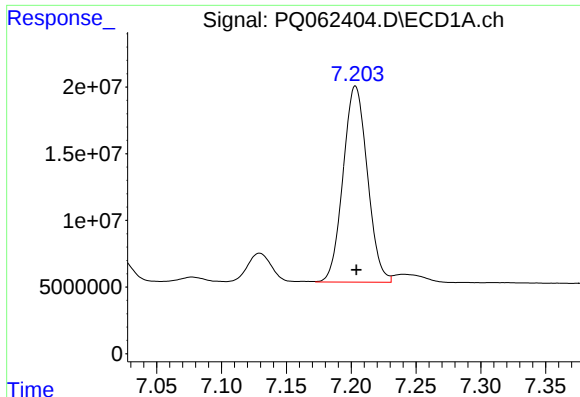
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 95691336
Conc: 454.27 ng/ml



#34 AR-1260-4

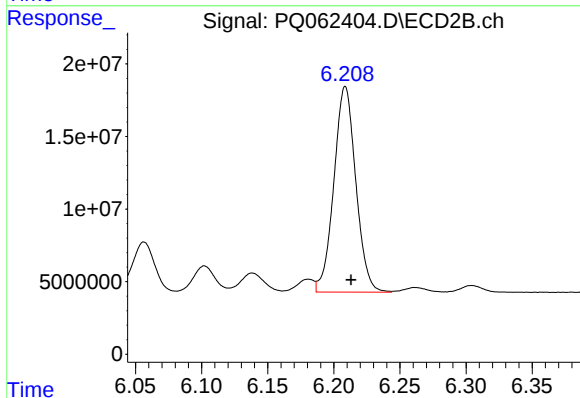
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 70363922
Conc: 482.40 ng/ml



#35 AR-1260-5

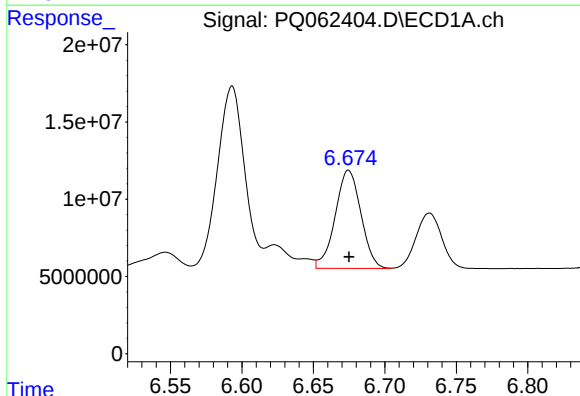
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 191909167
Conc: 467.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



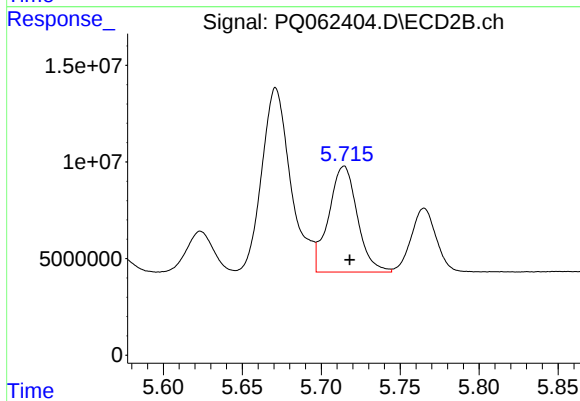
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 163736584
Conc: 493.09 ng/ml



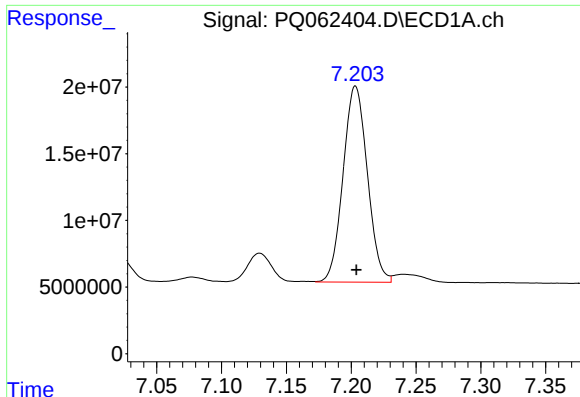
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 79645153
Conc: 261.18 ng/ml



#36 AR-1262-1

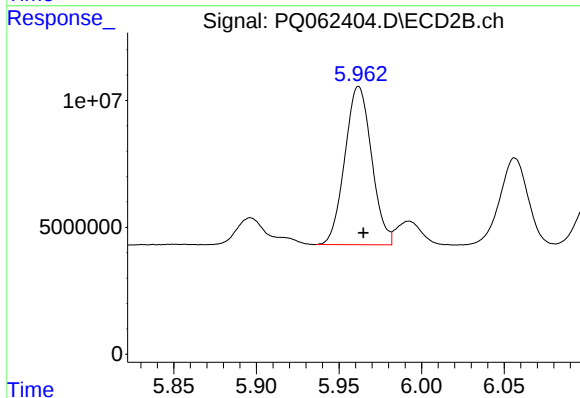
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 69302442
Conc: 298.11 ng/ml



#37 AR-1262-2

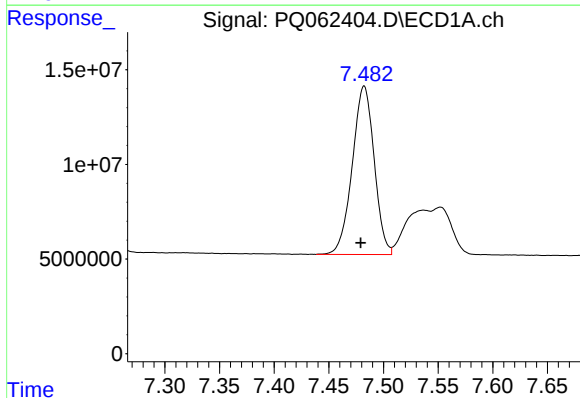
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 191909167
Conc: 364.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



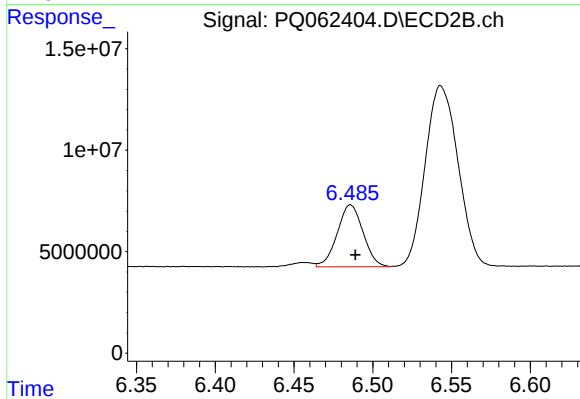
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 70363922
Conc: 325.45 ng/ml



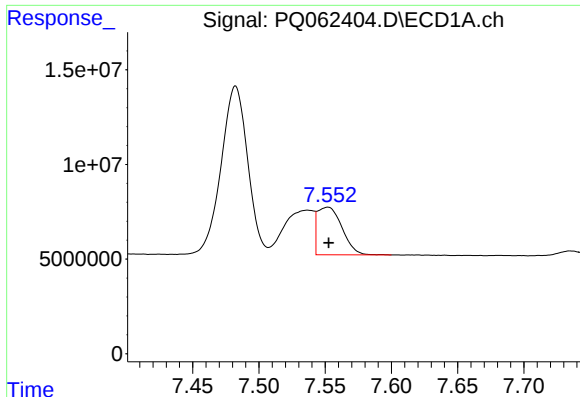
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 124136036
Conc: 352.36 ng/ml



#38 AR-1262-3

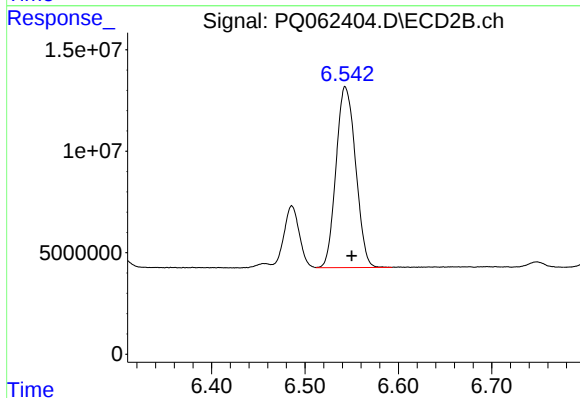
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 34747140
Conc: 199.32 ng/ml



#39 AR-1262-4

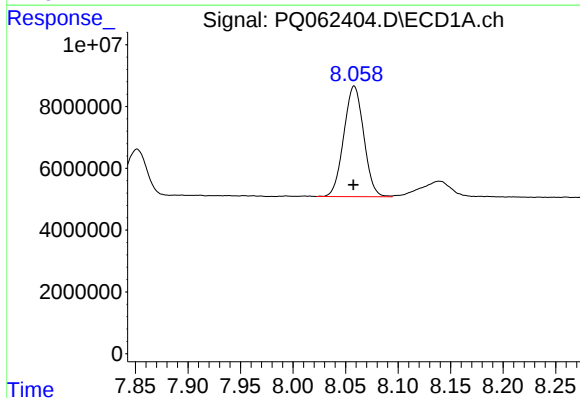
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 32510586
Conc: 121.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



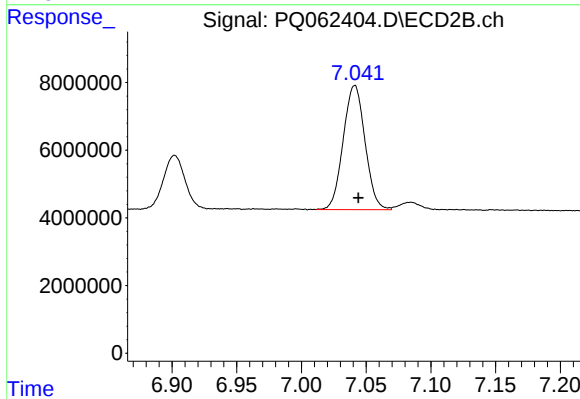
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 129581087
Conc: 402.06 ng/ml



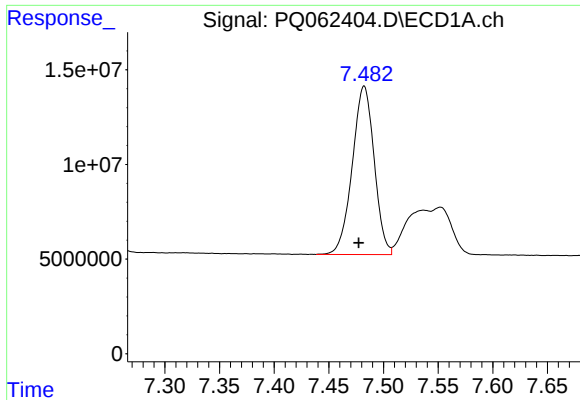
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 47295524
Conc: 266.44 ng/ml



#40 AR-1262-5

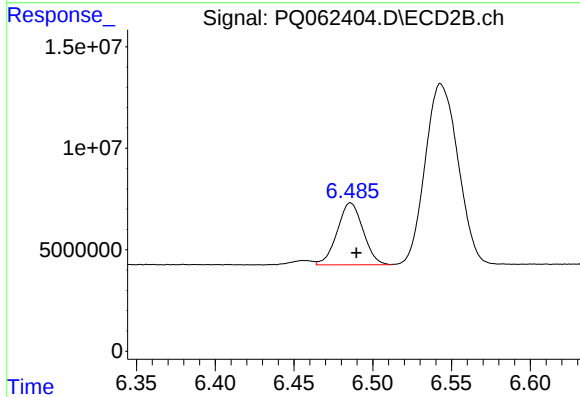
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 43081832
Conc: 277.74 ng/ml



#41 AR-1268-1

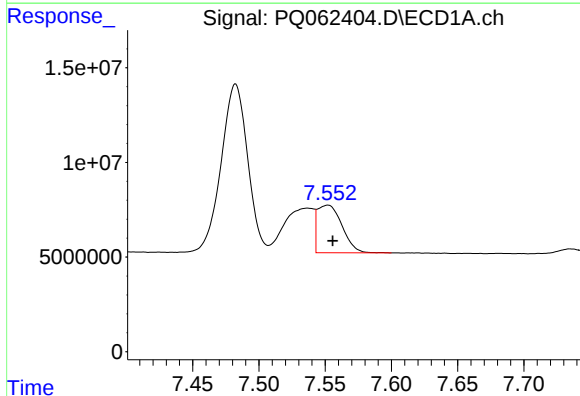
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 124136036
Conc: 218.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



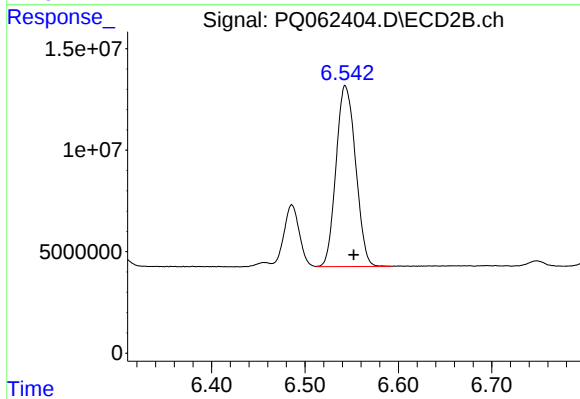
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 34747140
Conc: 73.85 ng/ml



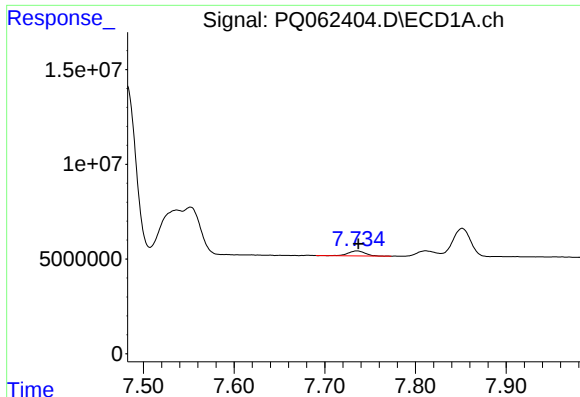
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 32510586
Conc: 63.76 ng/ml



#42 AR-1268-2

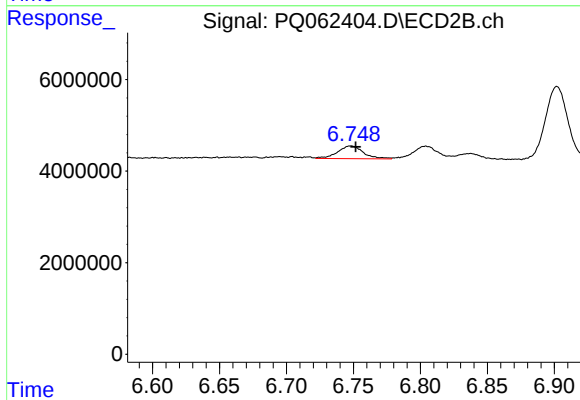
R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 129581087
Conc: 305.83 ng/ml



#43 AR-1268-3

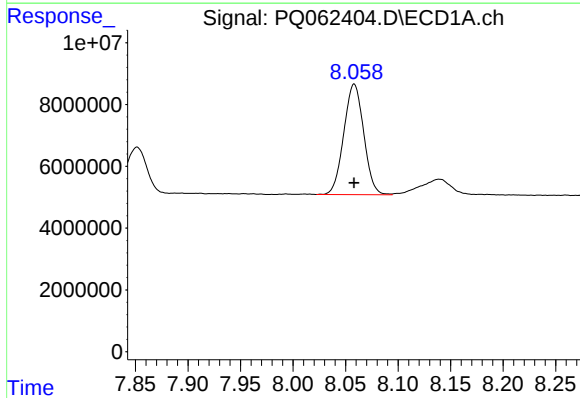
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 3437737
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



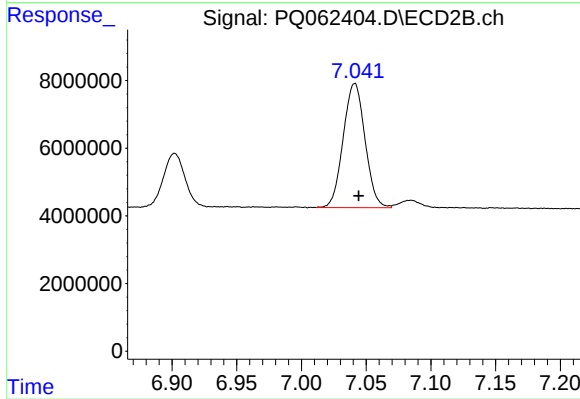
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 3744632
Conc: 10.17 ng/ml



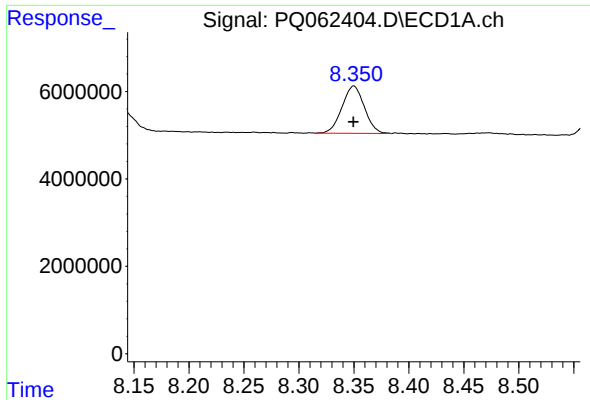
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 47295524
Conc: 258.47 ng/ml



#44 AR-1268-4

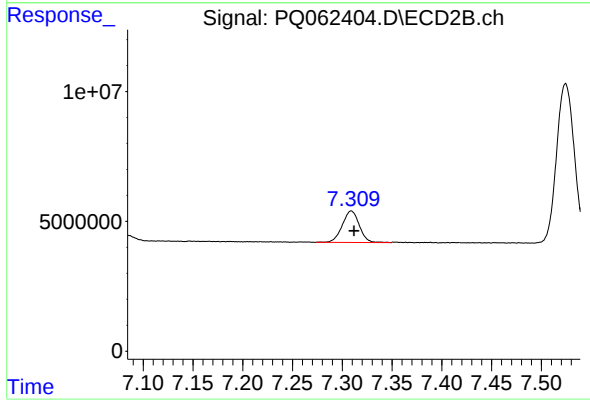
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 43081832
Conc: 269.37 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 15342050
Conc: 12.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 14498617
Conc: 12.42 ng/ml