

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
 Data File : PQ062372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 23:35
 Operator : YP\AJ
 Sample : PB154263BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 03:00:45 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	83733198	46408981	17.165	18.496
2)	SA Decachlor...	8.582	7.524	72302594	69958116	19.903	20.995
Target Compounds							
3)	L1 AR-1016-1	4.503	3.757	67580703	41724250	410.281	421.562
4)	L1 AR-1016-2	4.521	3.772	100.1E6	62644877	404.878	434.434
5)	L1 AR-1016-3	4.579	3.932	62123472	32169556	407.619	426.411
6)	L1 AR-1016-4	4.671	3.981	51817549	27945697	413.399	425.488
7)	L1 AR-1016-5	4.958	4.176	50306715	34501044	413.309	420.839
8)	L2 AR-1221-1	3.599	2.956	7052570	4250083	117.332	128.804
9)	L2 AR-1221-2	3.681	3.033	9621364	5387747	214.129	212.115
10)	L2 AR-1221-3	3.750	3.101	40945054	22988649	291.386	298.202
11)	L3 AR-1232-1	3.750	3.101	40945054	22988649	387.732	401.208
12)	L3 AR-1232-2	4.243	3.772	50601665	62644877	855.464	941.250
13)	L3 AR-1232-3	4.521	3.932	100.1E6	32169556	885.330	930.968
14)	L3 AR-1232-4	4.671	4.018	51817549	30668807	914.431	1031.237
15)	L3 AR-1232-5	4.768	4.176	40569452	34501044	1012.970	967.477
16)	L4 AR-1242-1	4.503	3.757	67580703	41724250	517.051	539.498
17)	L4 AR-1242-2	4.521	3.772	100.1E6	62644877	515.682	563.563
18)	L4 AR-1242-3	4.579	3.932	62123472	32169556	514.079	549.193
19)	L4 AR-1242-4	4.671	4.018	51817549	30668807	531.540	523.107
20)	L4 AR-1242-5	5.387	4.512	7040383	28587123	73.544	344.869 #
21)	L5 AR-1248-1	4.503	3.757	67580703	41724250	649.948	667.371
22)	L5 AR-1248-2	4.768	3.981	40569452	27945697	282.395	298.028
23)	L5 AR-1248-3	4.958	4.018	50306715	30668807	289.597	338.718
24)	L5 AR-1248-4	5.352	4.176	7477765	34501044	38.961	305.753 #
25)	L5 AR-1248-5	5.387	4.550	7040383	4504795	38.871	40.210
26)	L6 AR-1254-1	5.324	4.512	38855232	28587123	209.100	177.051
27)	L6 AR-1254-2	5.543	4.659	44760934	28224974	153.970	191.714
28)	L6 AR-1254-3	5.896	5.041	24176233	15602540	78.714	66.763
29)	L6 AR-1254-4	6.178	5.267	15356714	6845778	66.138	44.916 #
30)	L6 AR-1254-5	6.592	5.671	147.6E6	119.4E6	574.801	517.130
31)	L7 AR-1260-1	6.061	5.169	98036730	75798944	415.530	455.103
32)	L7 AR-1260-2	6.321	5.359	122.3E6	99060143	423.335	476.374
33)	L7 AR-1260-3	6.675	5.500	75769175	87893022	429.101	451.756
34)	L7 AR-1260-4	6.891	5.961	91211291	66244288	433.000	454.159
35)	L7 AR-1260-5	7.203	6.208	182.3E6	153.7E6	443.919	462.983
36)	L8 AR-1262-1	6.675	5.715	75769175	66427311	248.471	285.744
37)	L8 AR-1262-2	7.203	5.961	182.3E6	66244288	346.065	306.392
38)	L8 AR-1262-3	7.481	6.486	118.1E6	32886596	335.216	188.648 #
39)	L8 AR-1262-4	7.551	6.543	30554719	122.0E6	114.557	378.522 #
40)	L8 AR-1262-5	8.056	7.041	45428759	39542354	255.924	254.923
41)	L9 AR-1268-1	7.481	6.486	118.1E6	32886596	208.109	69.892 #

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 Operator : YP\AJ
 Sample : PB154263BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

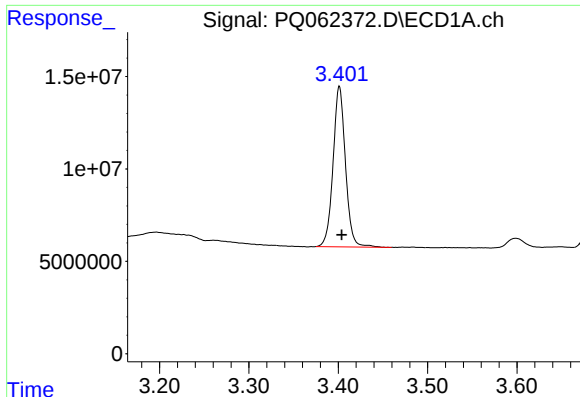
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 03:00:45 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	7.551	6.543	30554719	122.0E6	59.926	287.927 #
43) L9	AR-1268-3	7.734	6.748	3467104	3058873	8.124	8.305
44) L9	AR-1268-4	8.056	7.041	45428759	39542354	248.265	247.238
45) L9	AR-1268-5	8.348	7.308	14412728	13992208	11.432	11.990

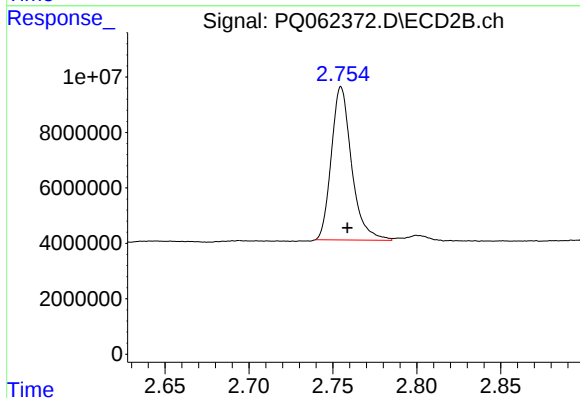
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

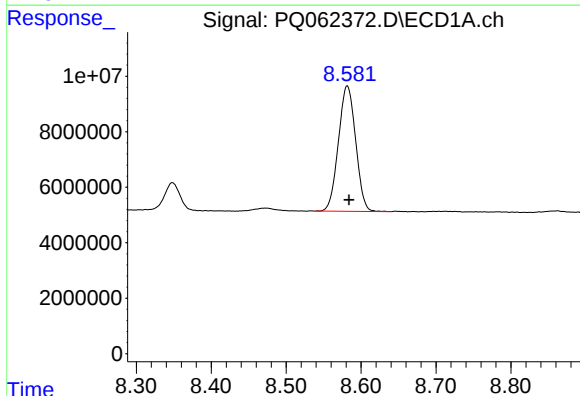
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 83733198
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



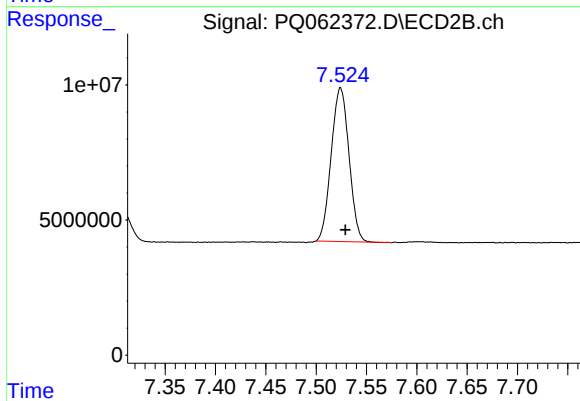
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 46408981
Conc: 18.50 ng/ml



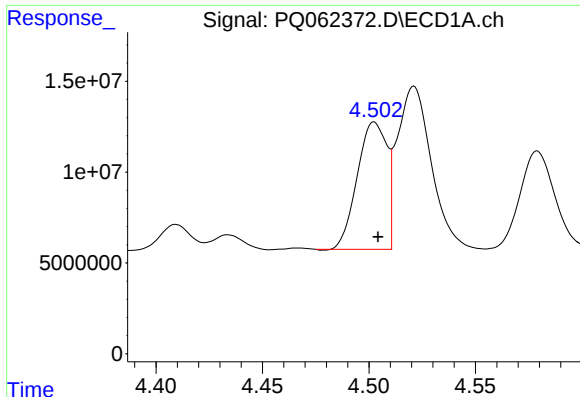
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 72302594
Conc: 19.90 ng/ml



#2 Decachlorobiphenyl

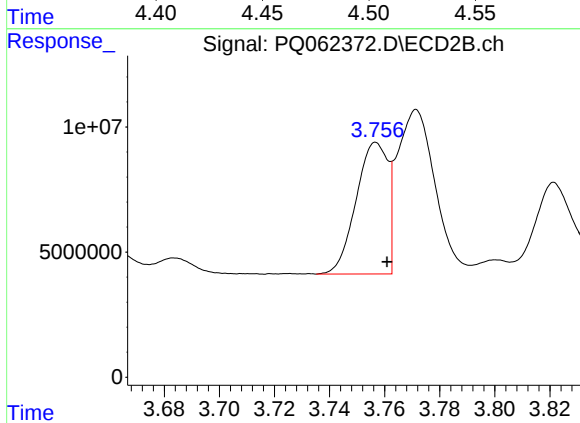
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 69958116
Conc: 20.99 ng/ml



#3 AR-1016-1

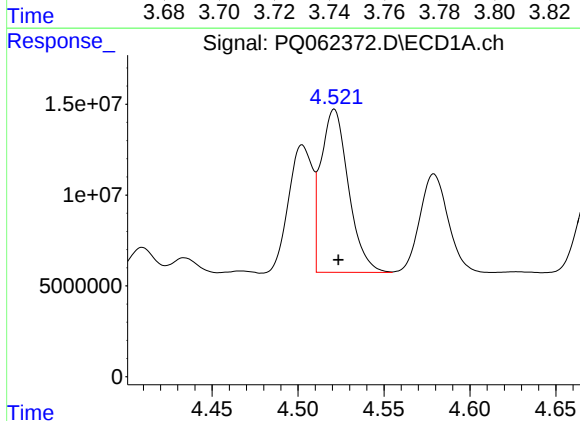
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 67580703
Conc: 410.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



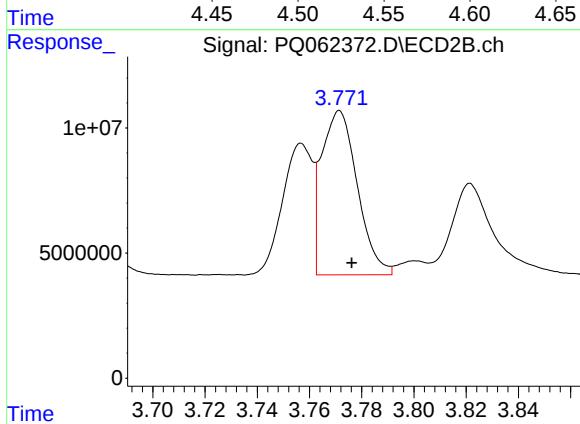
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 41724250
Conc: 421.56 ng/ml



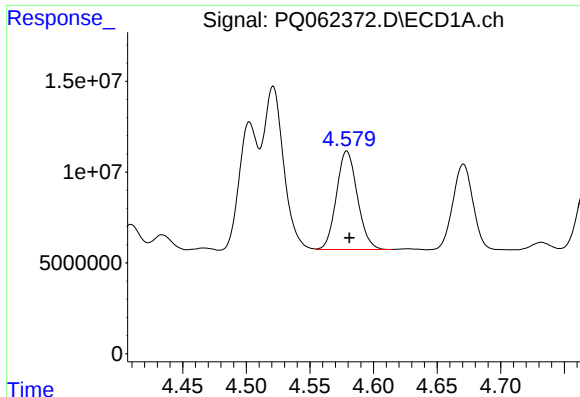
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 100113604
Conc: 404.88 ng/ml



#4 AR-1016-2

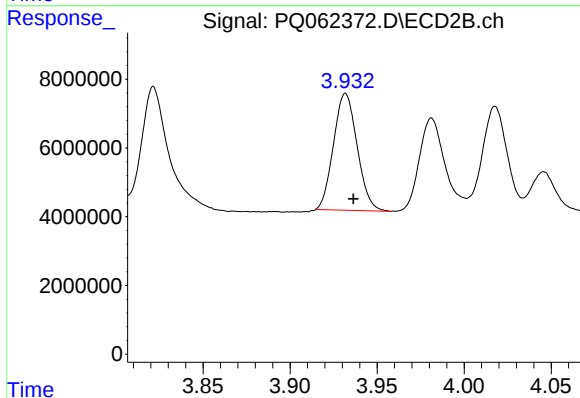
R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 62644877
Conc: 434.43 ng/ml



#5 AR-1016-3

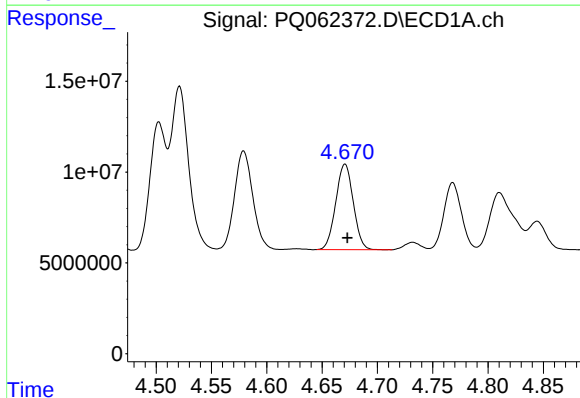
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 62123472
Conc: 407.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



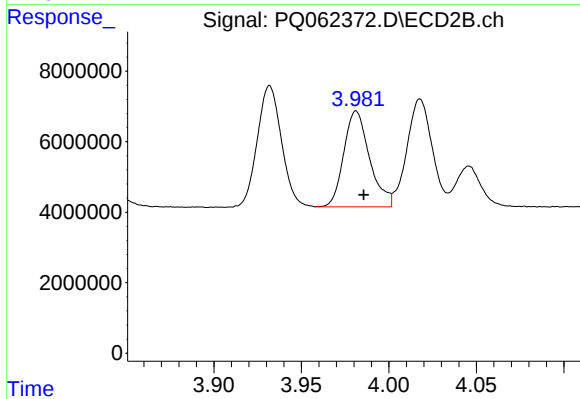
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 32169556
Conc: 426.41 ng/ml



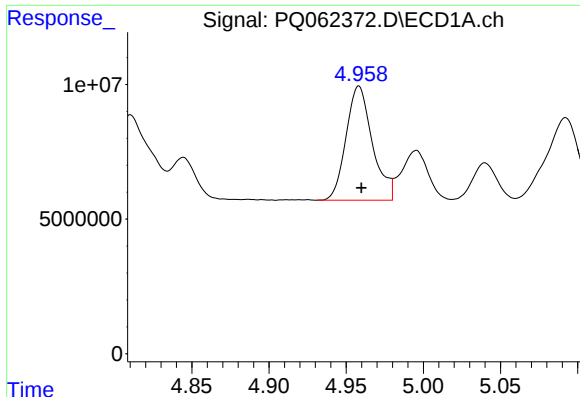
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 51817549
Conc: 413.40 ng/ml



#6 AR-1016-4

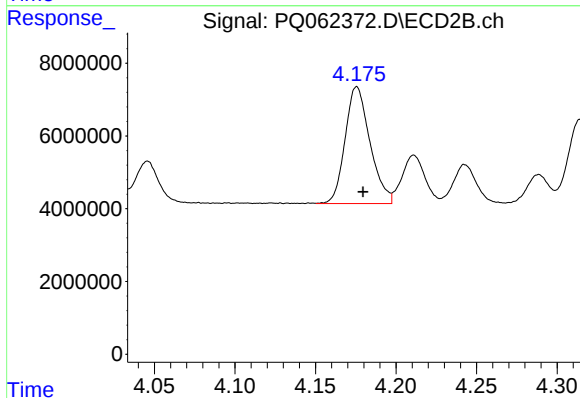
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 27945697
Conc: 425.49 ng/ml



#7 AR-1016-5

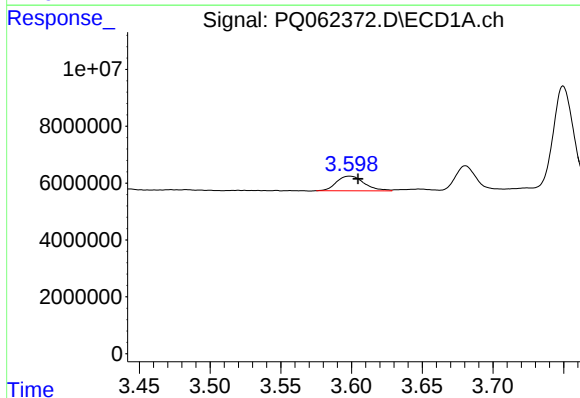
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 50306715
Conc: 413.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



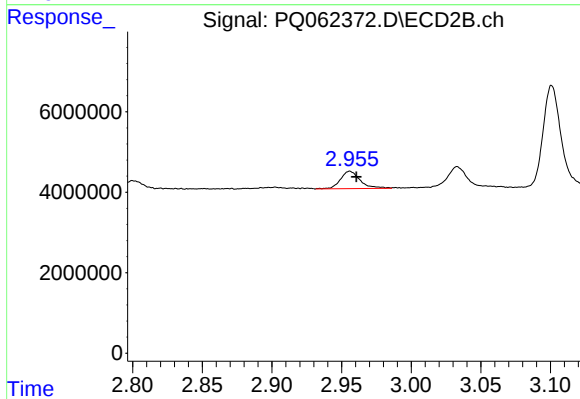
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 34501044
Conc: 420.84 ng/ml



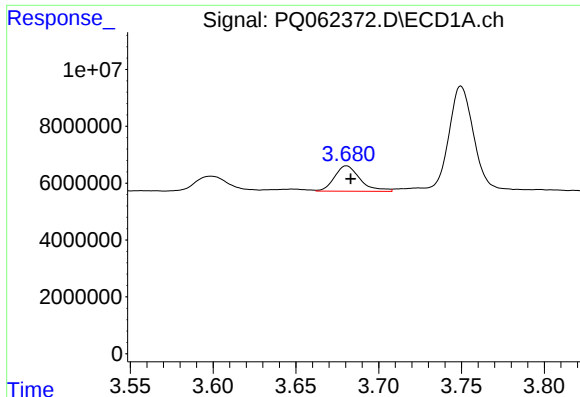
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 7052570
Conc: 117.33 ng/ml



#8 AR-1221-1

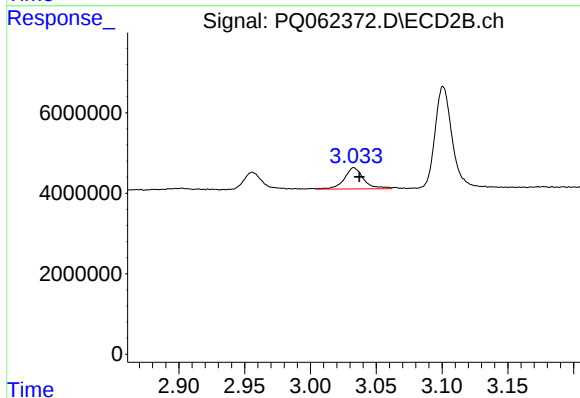
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 4250083
Conc: 128.80 ng/ml



#9 AR-1221-2

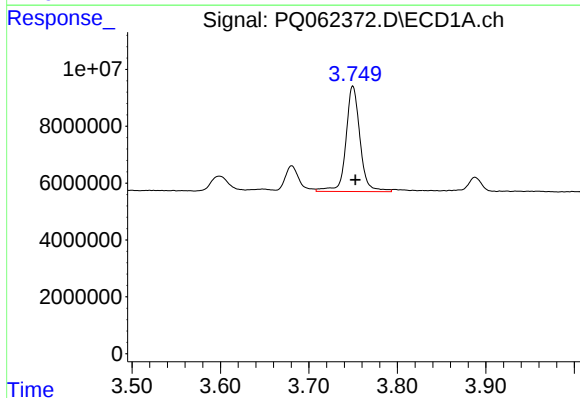
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 9621364
Conc: 214.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



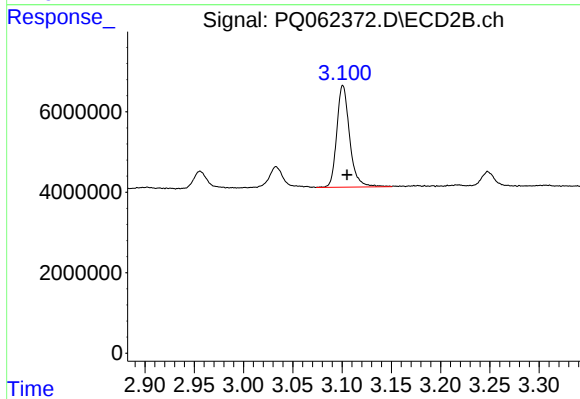
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.004 min
Response: 5387747
Conc: 212.12 ng/ml



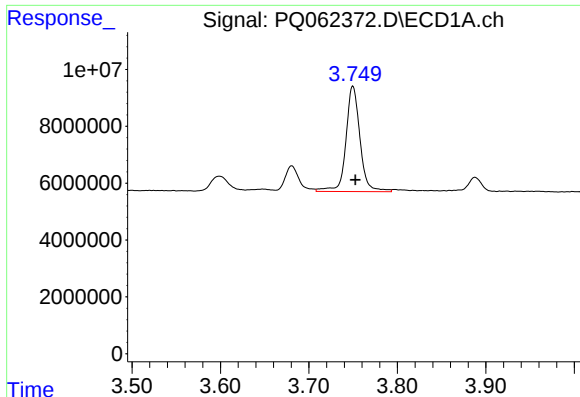
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 40945054
Conc: 291.39 ng/ml



#10 AR-1221-3

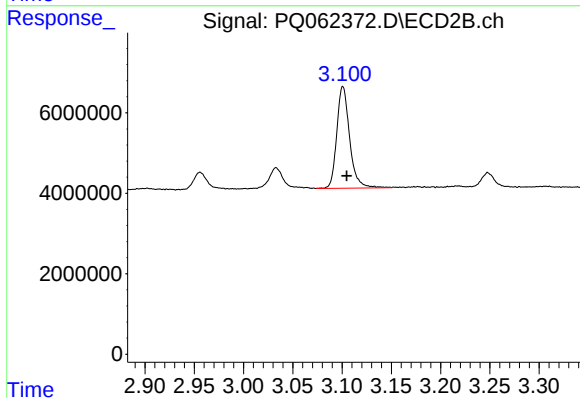
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 22988649
Conc: 298.20 ng/ml



#11 AR-1232-1

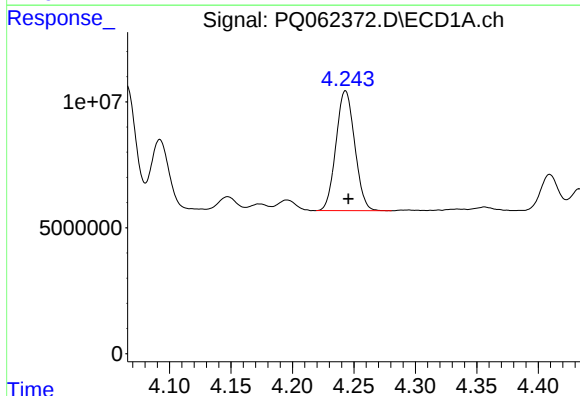
R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 40945054
Conc: 387.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



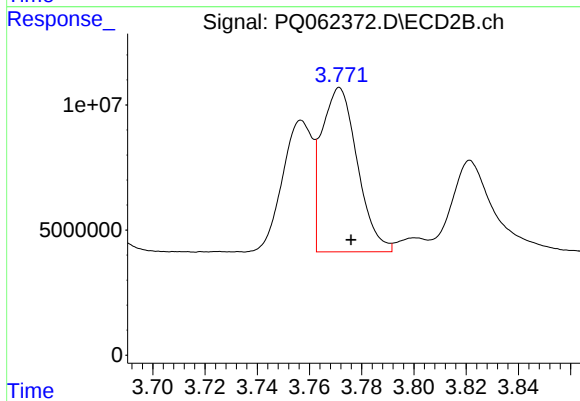
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 22988649
Conc: 401.21 ng/ml



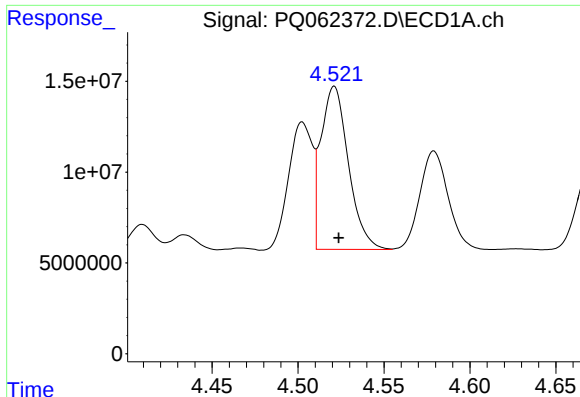
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 50601665
Conc: 855.46 ng/ml



#12 AR-1232-2

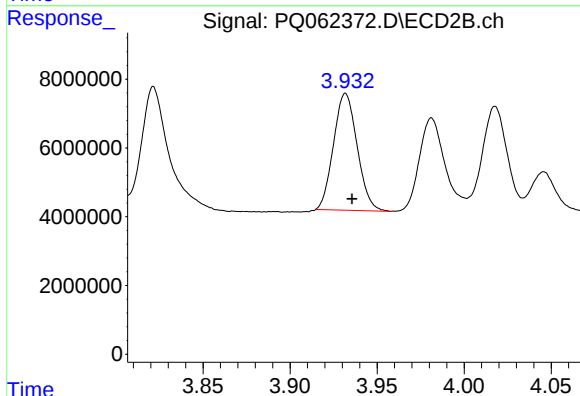
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 62644877
Conc: 941.25 ng/ml



#13 AR-1232-3

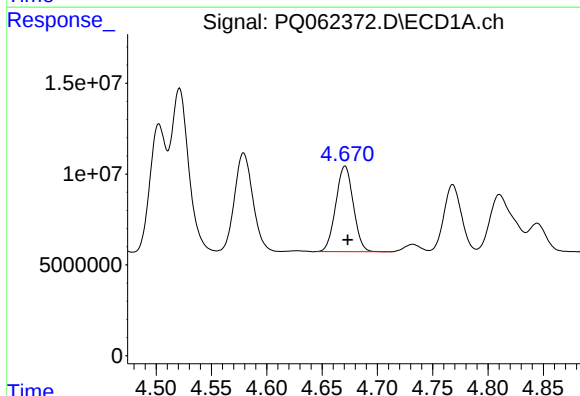
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 100113604
Conc: 885.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



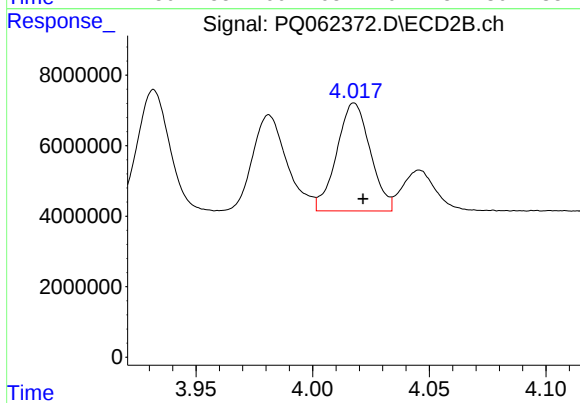
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 32169556
Conc: 930.97 ng/ml



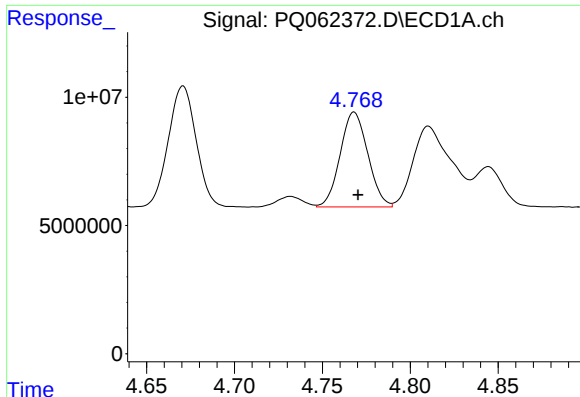
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 51817549
Conc: 914.43 ng/ml



#14 AR-1232-4

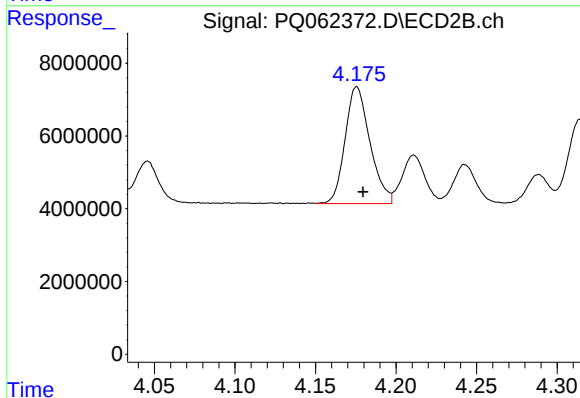
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 30668807
Conc: 1031.24 ng/ml



#15 AR-1232-5

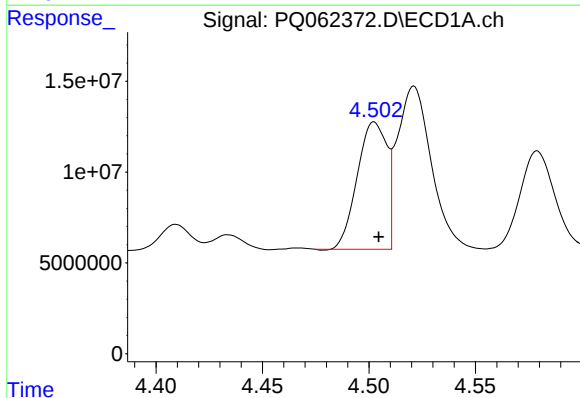
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 40569452
Conc: 1012.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



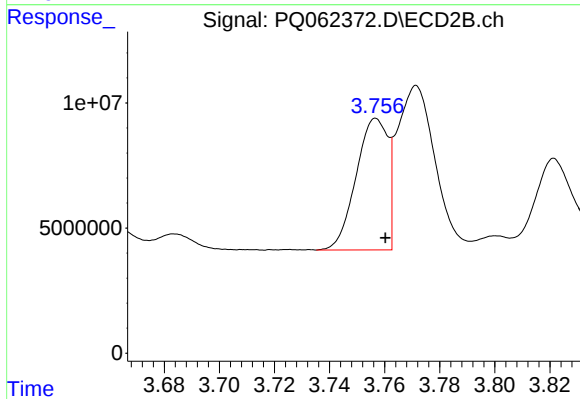
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 34501044
Conc: 967.48 ng/ml



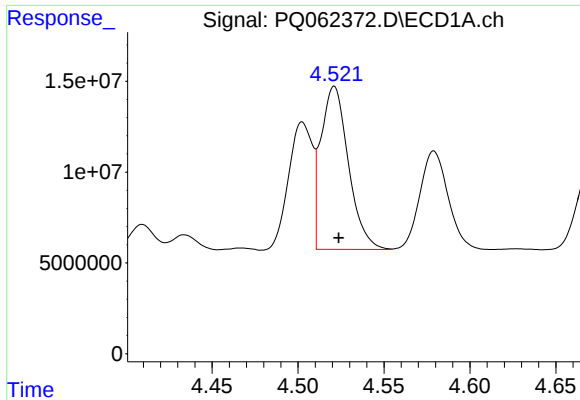
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 67580703
Conc: 517.05 ng/ml



#16 AR-1242-1

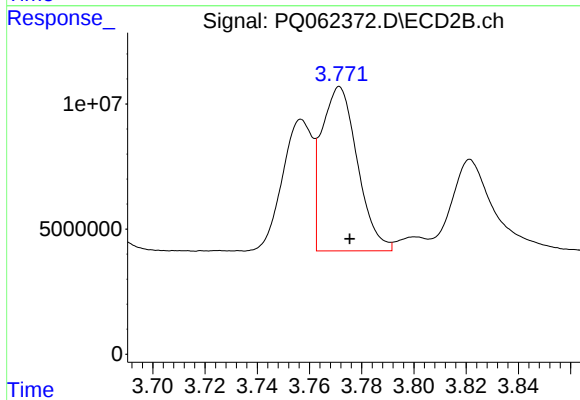
R.T.: 3.757 min
Delta R.T.: -0.003 min
Response: 41724250
Conc: 539.50 ng/ml



#17 AR-1242-2

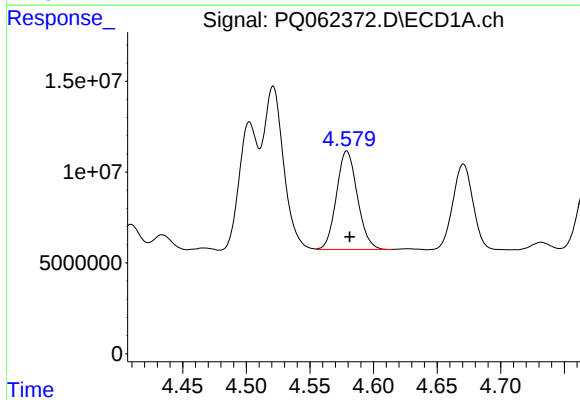
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 100113604
Conc: 515.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



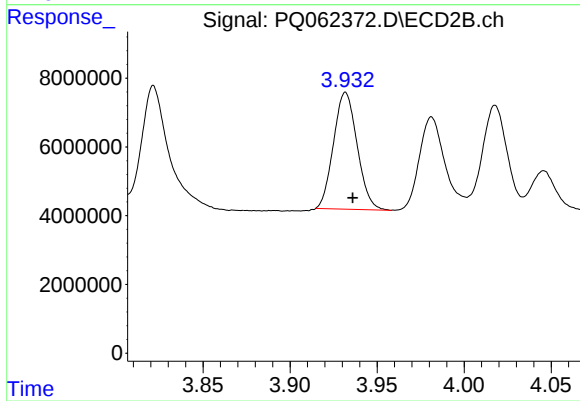
#17 AR-1242-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 62644877
Conc: 563.56 ng/ml



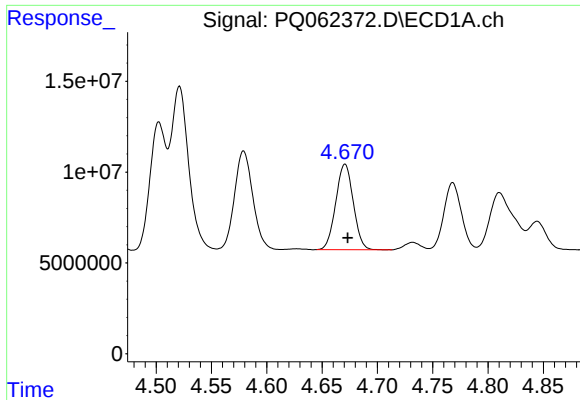
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 62123472
Conc: 514.08 ng/ml



#18 AR-1242-3

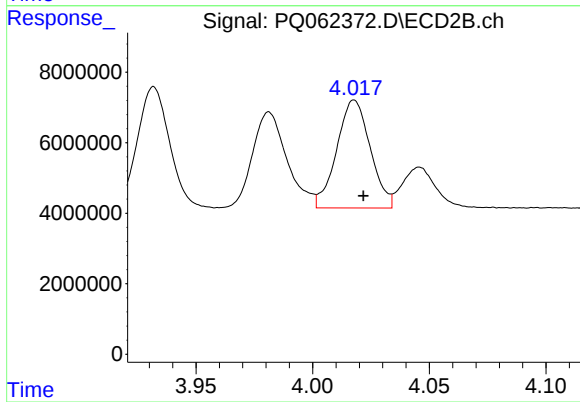
R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 32169556
Conc: 549.19 ng/ml



#19 AR-1242-4

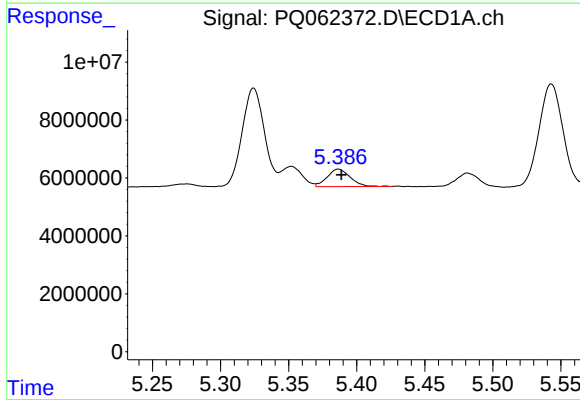
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 51817549
Conc: 531.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



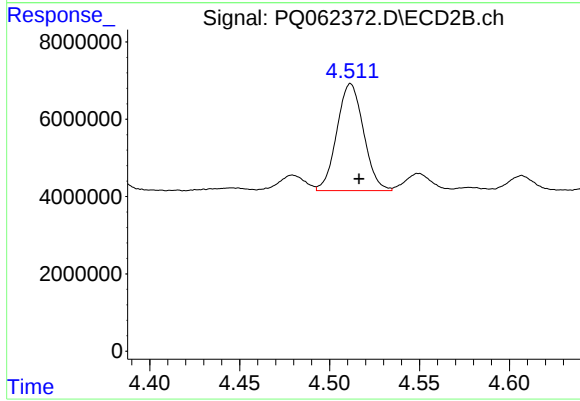
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 30668807
Conc: 523.11 ng/ml



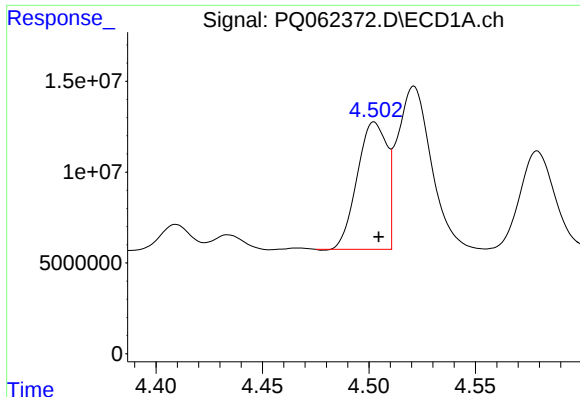
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7040383
Conc: 73.54 ng/ml



#20 AR-1242-5

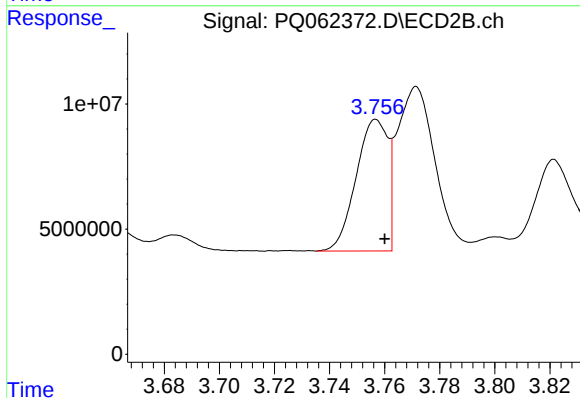
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 28587123
Conc: 344.87 ng/ml



#21 AR-1248-1

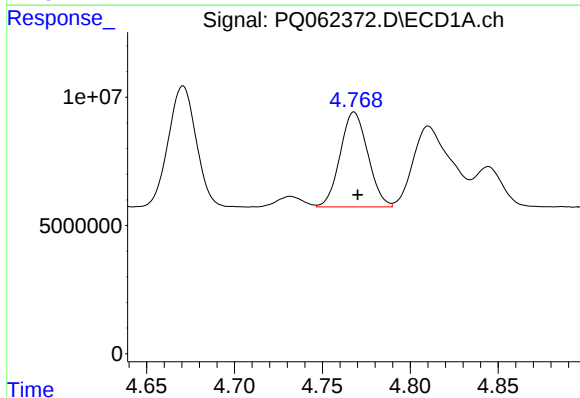
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 67580703
Conc: 649.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



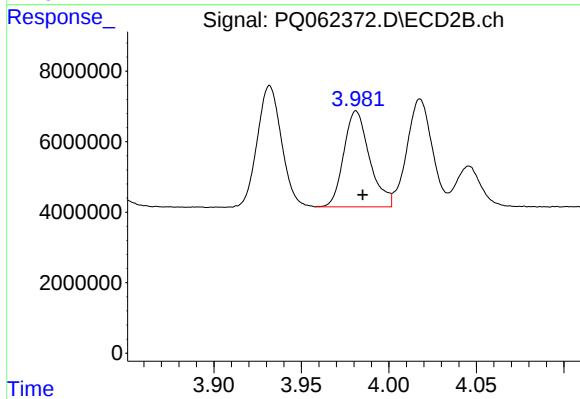
#21 AR-1248-1

R.T.: 3.757 min
Delta R.T.: -0.003 min
Response: 41724250
Conc: 667.37 ng/ml



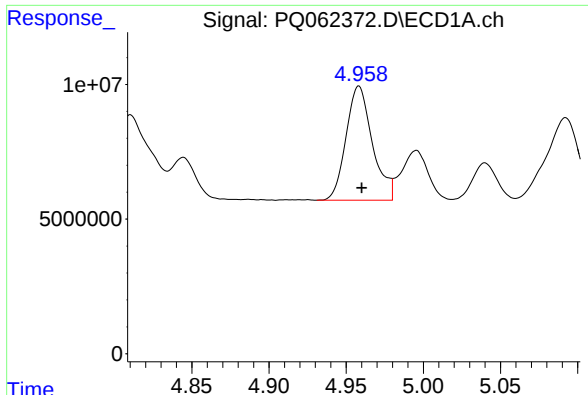
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 40569452
Conc: 282.39 ng/ml



#22 AR-1248-2

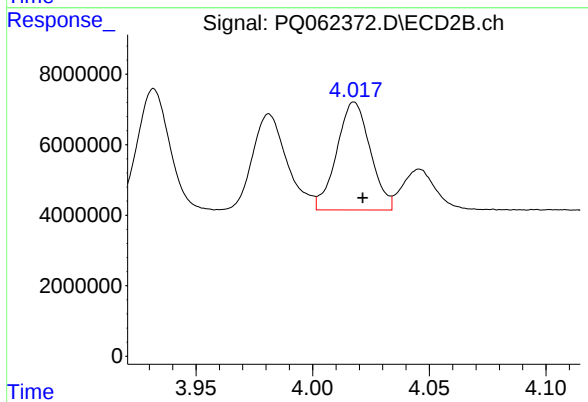
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 27945697
Conc: 298.03 ng/ml



#23 AR-1248-3

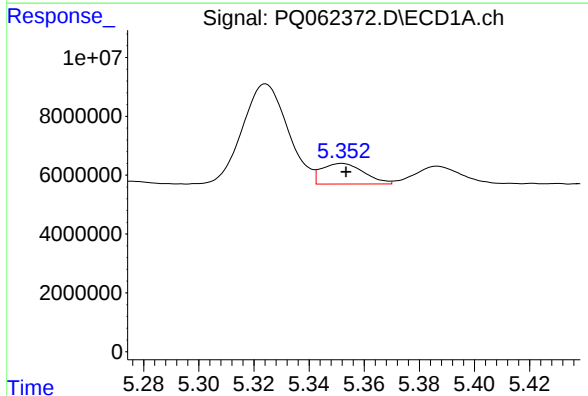
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 50306715
Conc: 289.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



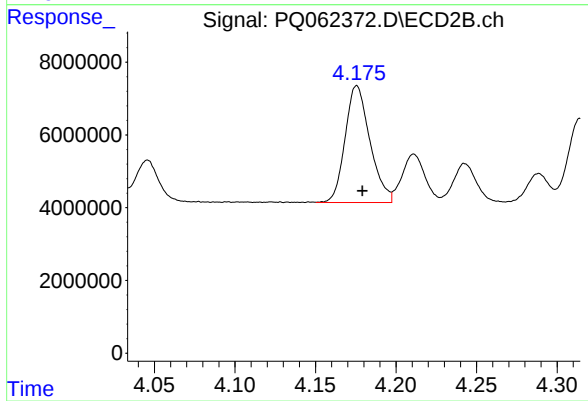
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 30668807
Conc: 338.72 ng/ml



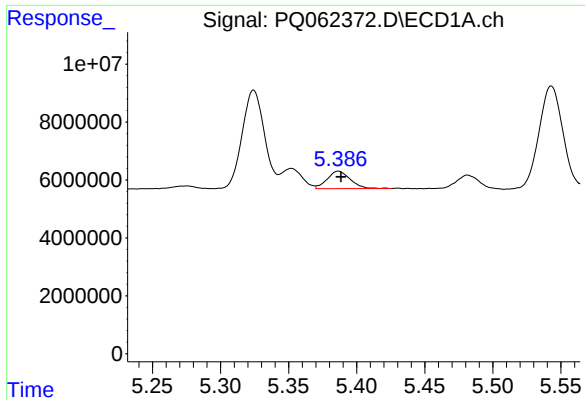
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 7477765
Conc: 38.96 ng/ml



#24 AR-1248-4

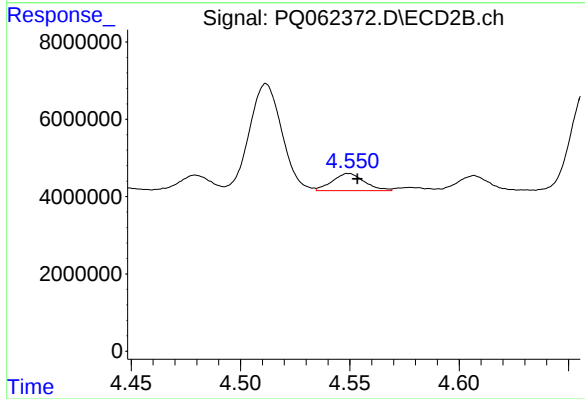
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 34501044
Conc: 305.75 ng/ml



#25 AR-1248-5

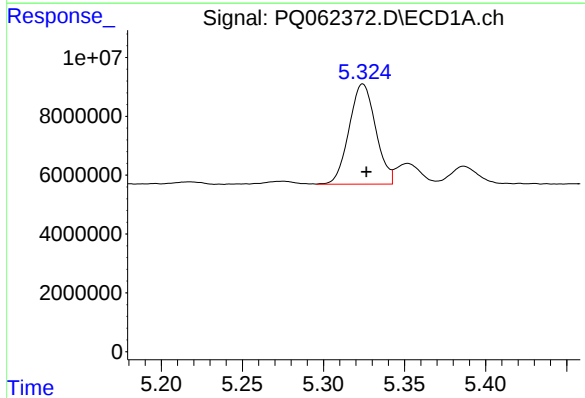
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7040383
Conc: 38.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



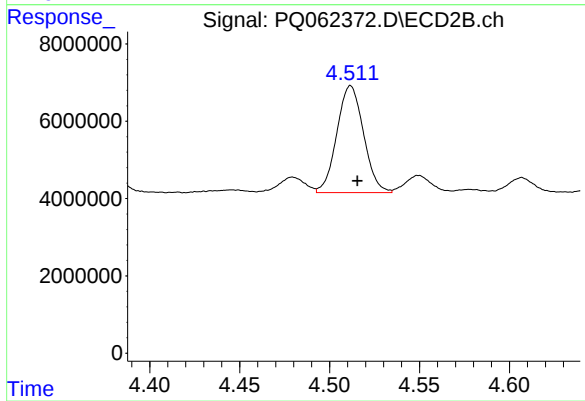
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 4504795
Conc: 40.21 ng/ml



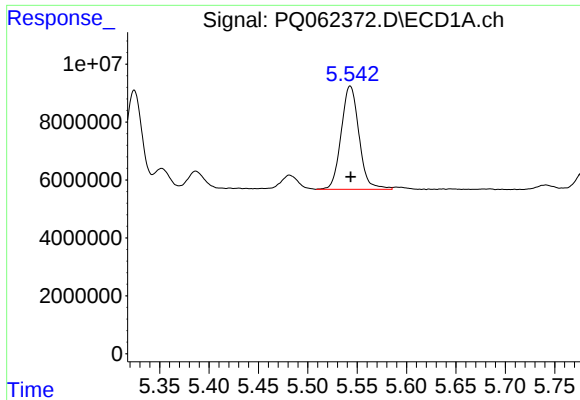
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 38855232
Conc: 209.10 ng/ml



#26 AR-1254-1

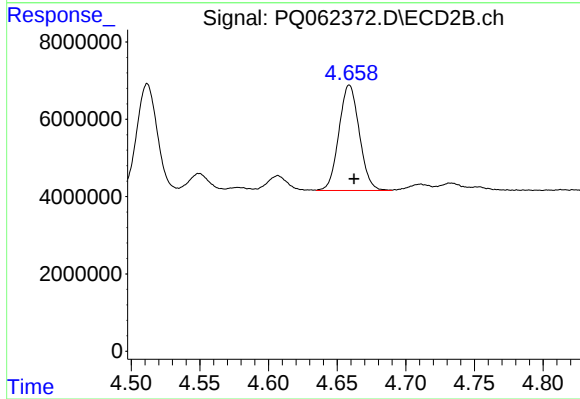
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 28587123
Conc: 177.05 ng/ml



#27 AR-1254-2

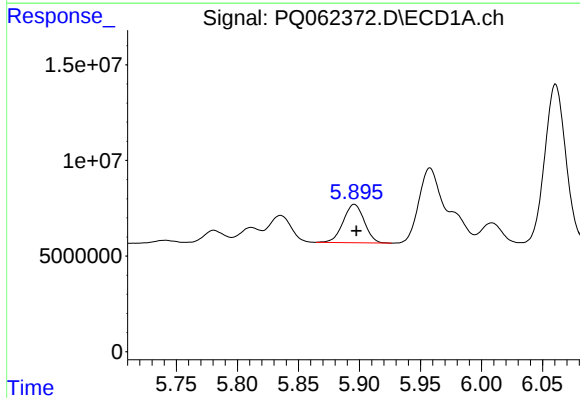
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 44760934
Conc: 153.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



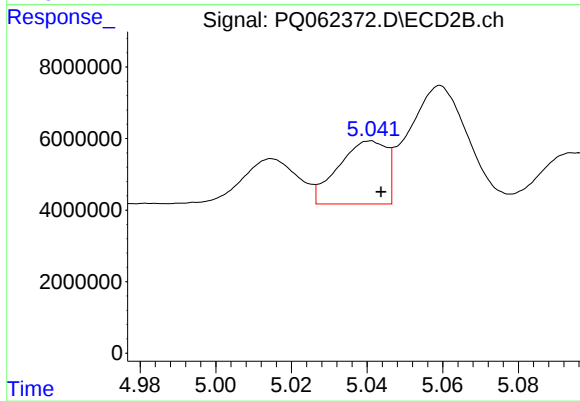
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.003 min
Response: 28224974
Conc: 191.71 ng/ml



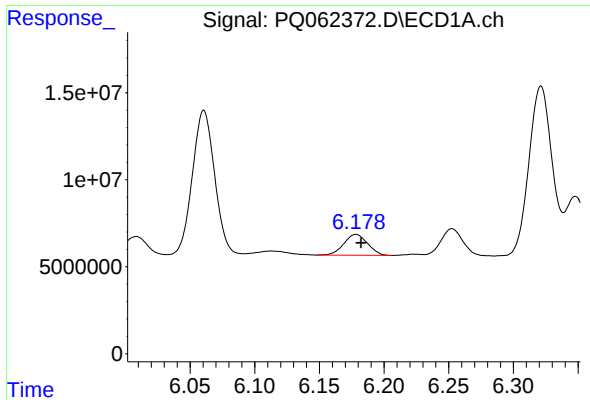
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 24176233
Conc: 78.71 ng/ml



#28 AR-1254-3

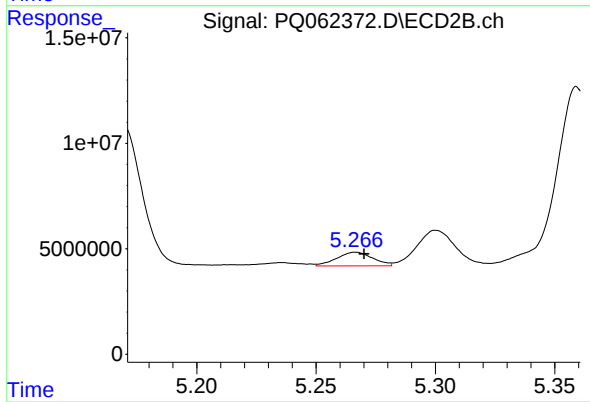
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 15602540
Conc: 66.76 ng/ml



#29 AR-1254-4

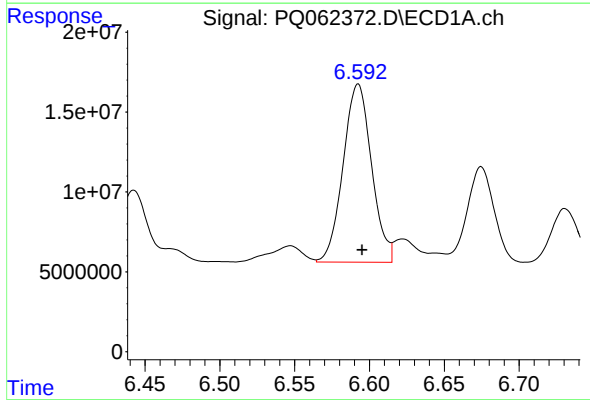
R.T.: 6.178 min
Delta R.T.: -0.004 min
Response: 15356714
Conc: 66.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



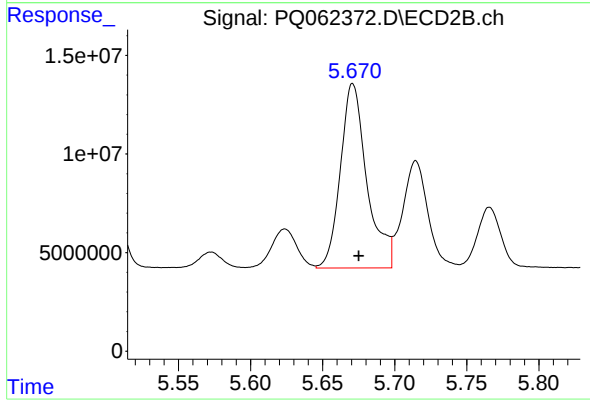
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 6845778
Conc: 44.92 ng/ml



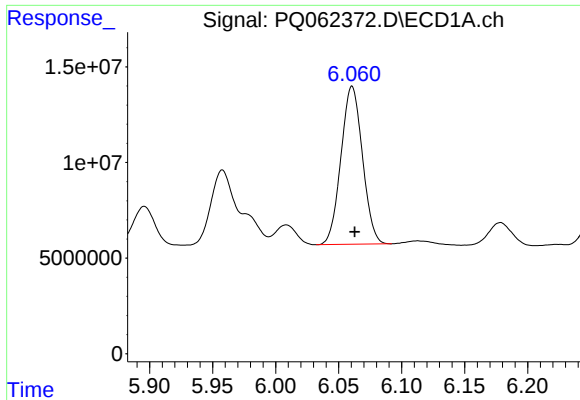
#30 AR-1254-5

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 147649154
Conc: 574.80 ng/ml



#30 AR-1254-5

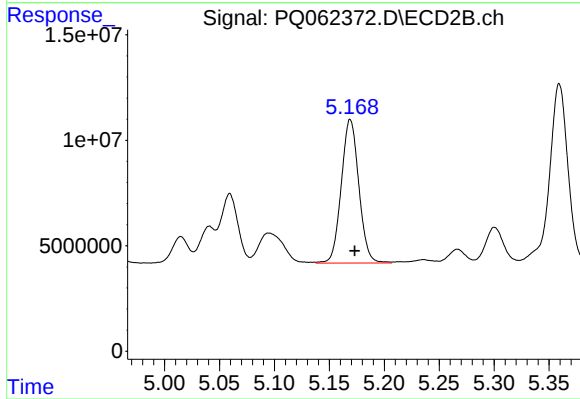
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 119351716
Conc: 517.13 ng/ml



#31 AR-1260-1

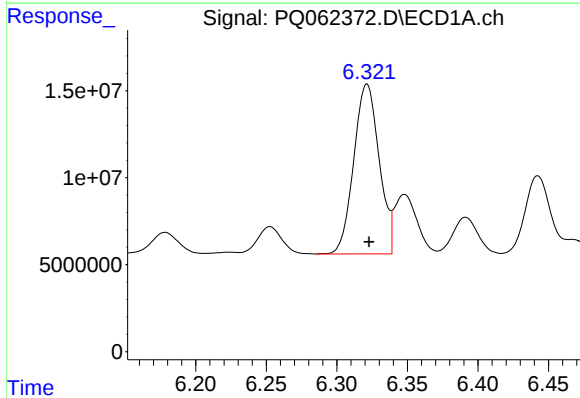
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 98036730
Conc: 415.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



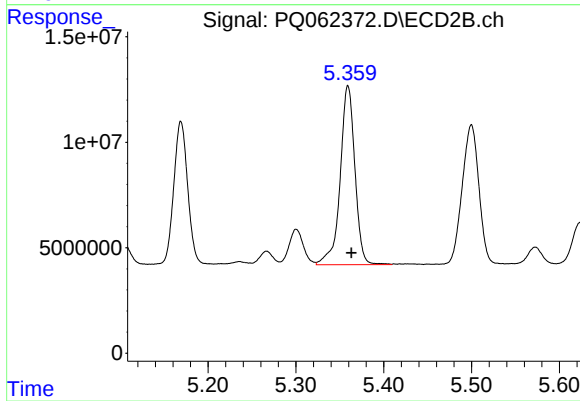
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 75798944
Conc: 455.10 ng/ml



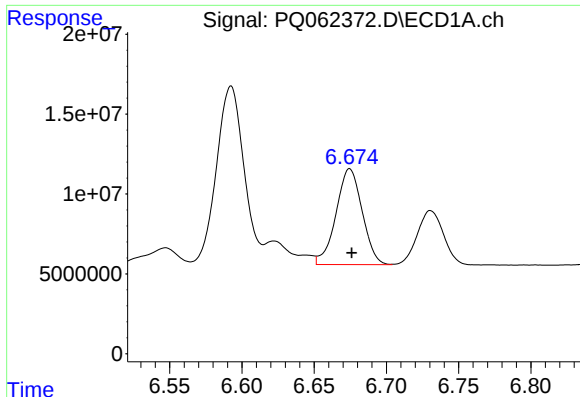
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 122264540
Conc: 423.34 ng/ml



#32 AR-1260-2

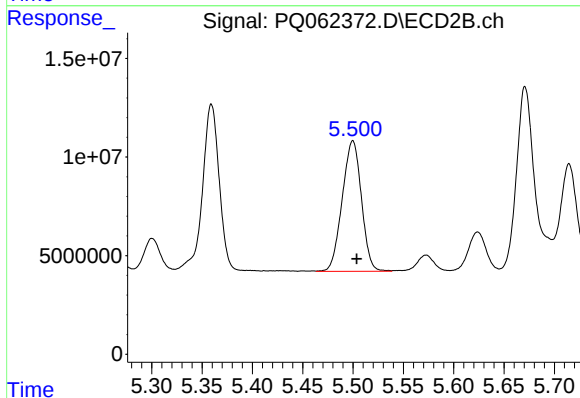
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 99060143
Conc: 476.37 ng/ml



#33 AR-1260-3

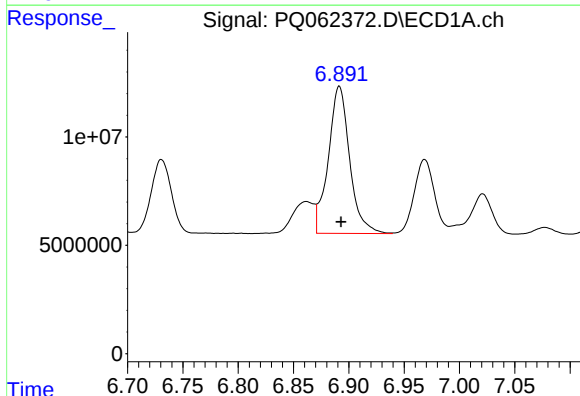
R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 75769175
Conc: 429.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



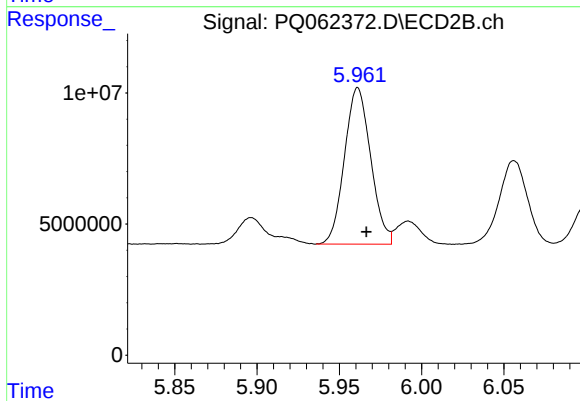
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 87893022
Conc: 451.76 ng/ml



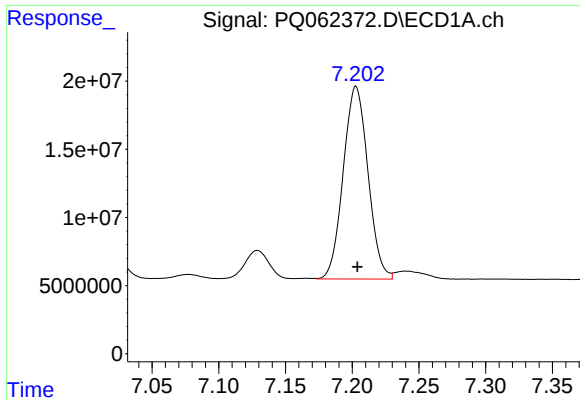
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 91211291
Conc: 433.00 ng/ml



#34 AR-1260-4

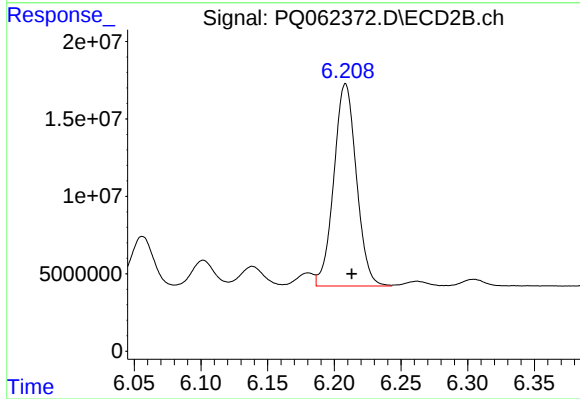
R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 66244288
Conc: 454.16 ng/ml



#35 AR-1260-5

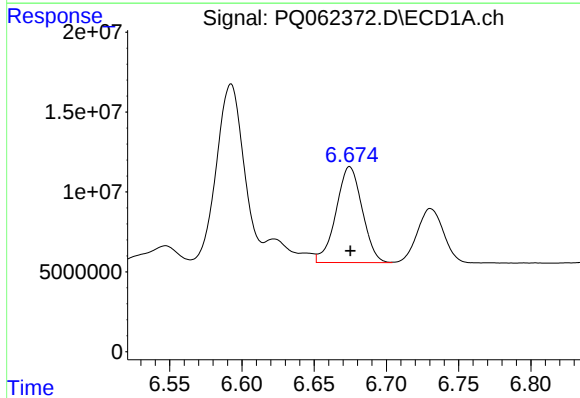
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 182277222
Conc: 443.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



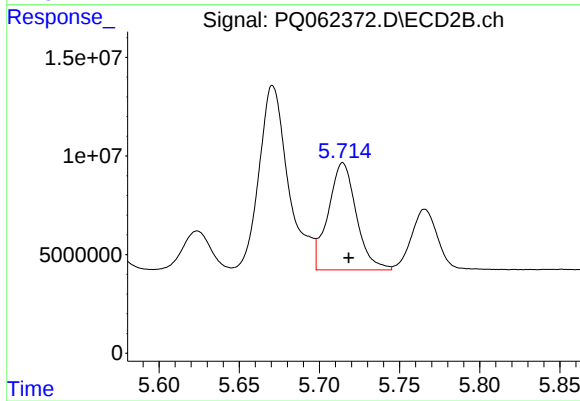
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 153737817
Conc: 462.98 ng/ml



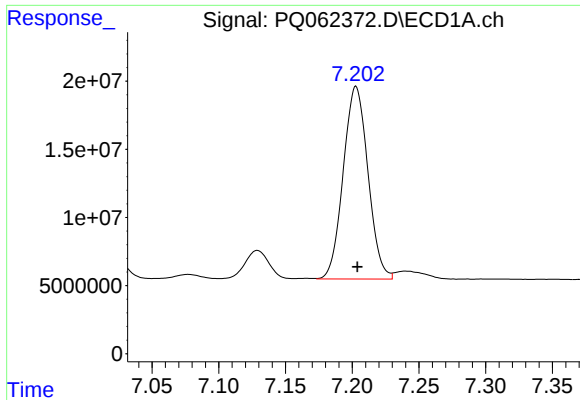
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 75769175
Conc: 248.47 ng/ml



#36 AR-1262-1

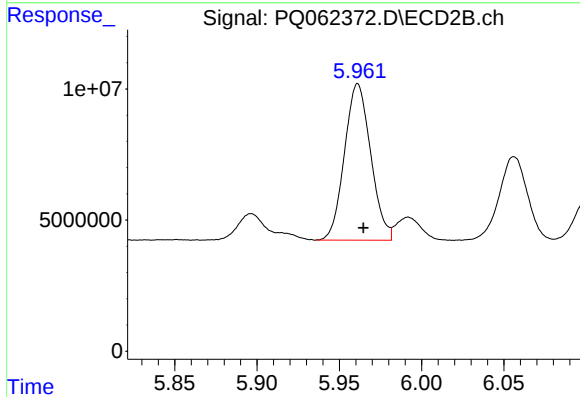
R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 66427311
Conc: 285.74 ng/ml



#37 AR-1262-2

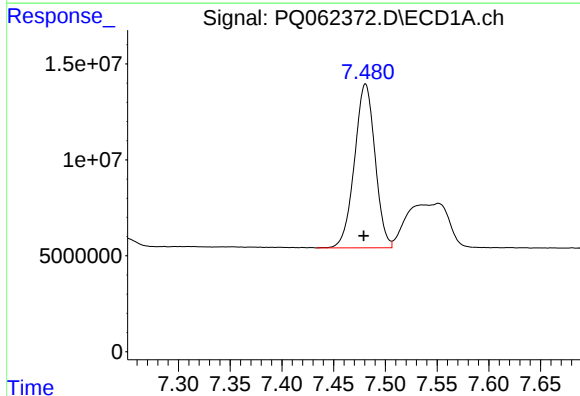
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 182277222
Conc: 346.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



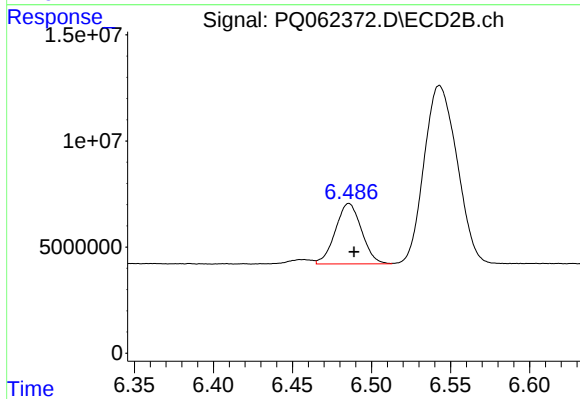
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 66244288
Conc: 306.39 ng/ml



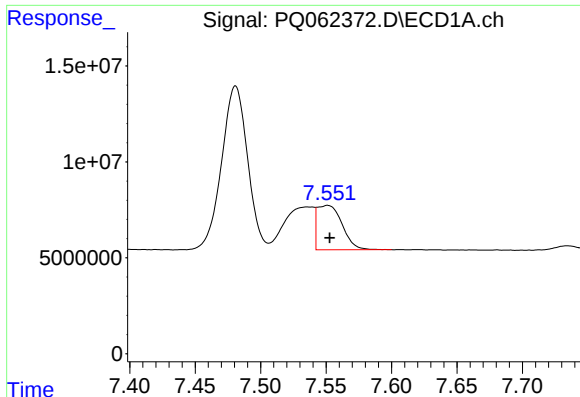
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 118097606
Conc: 335.22 ng/ml



#38 AR-1262-3

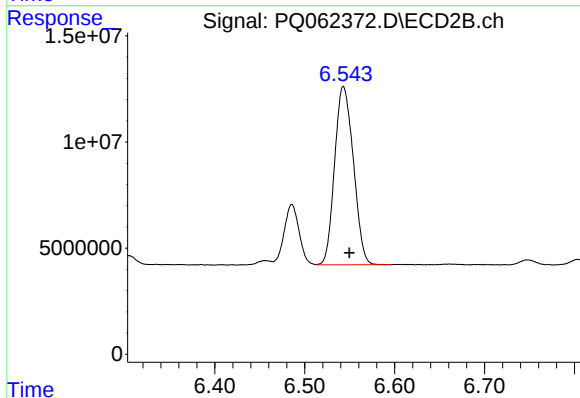
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 32886596
Conc: 188.65 ng/ml



#39 AR-1262-4

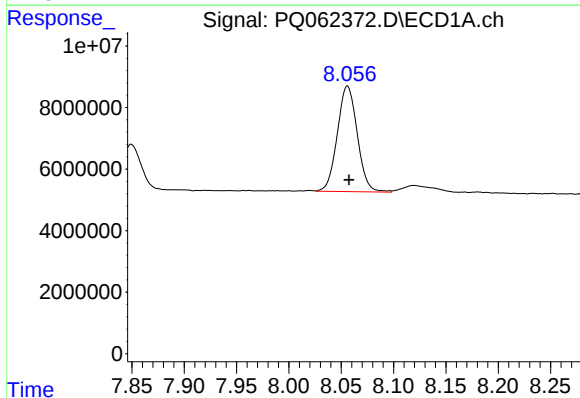
R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 30554719
Conc: 114.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



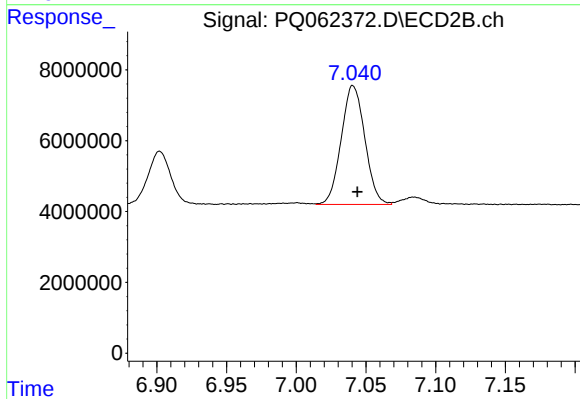
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 121995450
Conc: 378.52 ng/ml



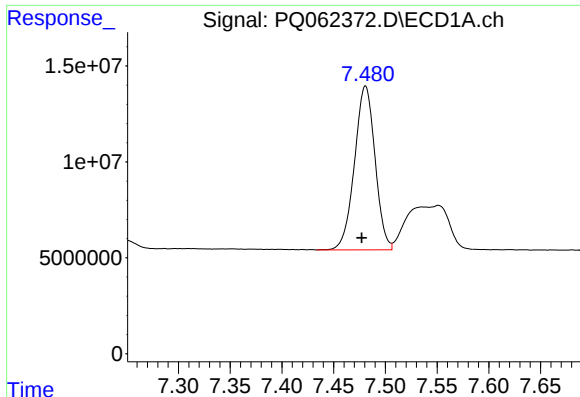
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 45428759
Conc: 255.92 ng/ml



#40 AR-1262-5

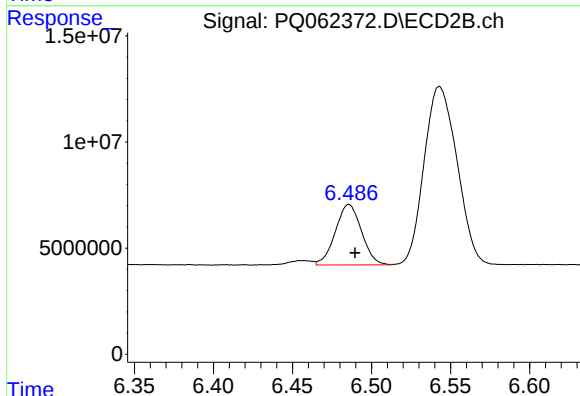
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 39542354
Conc: 254.92 ng/ml



#41 AR-1268-1

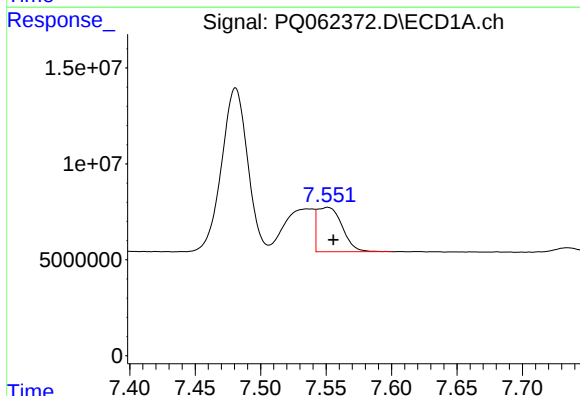
R.T.: 7.481 min
Delta R.T.: 0.004 min
Response: 118097606
Conc: 208.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



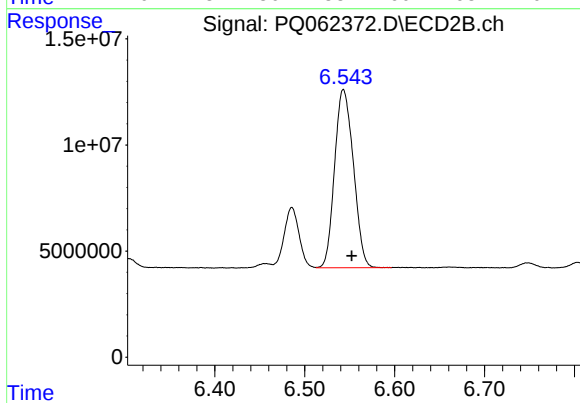
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 32886596
Conc: 69.89 ng/ml



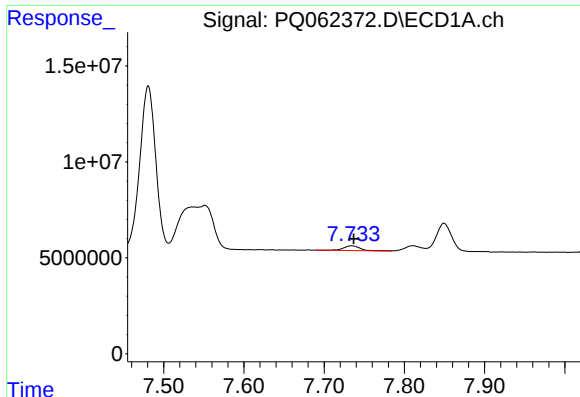
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 30554719
Conc: 59.93 ng/ml



#42 AR-1268-2

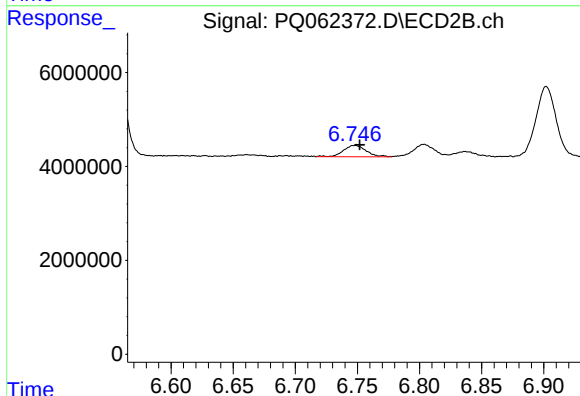
R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 121995450
Conc: 287.93 ng/ml



#43 AR-1268-3

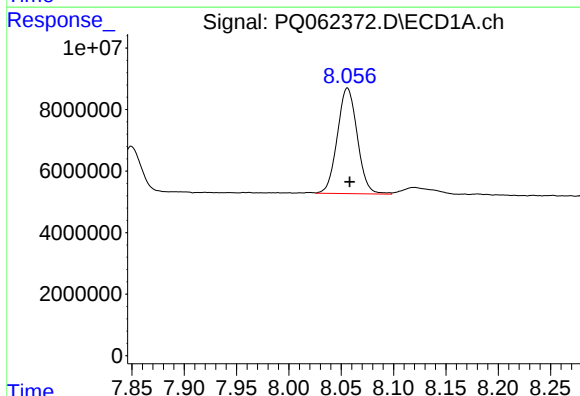
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 3467104
Conc: 8.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



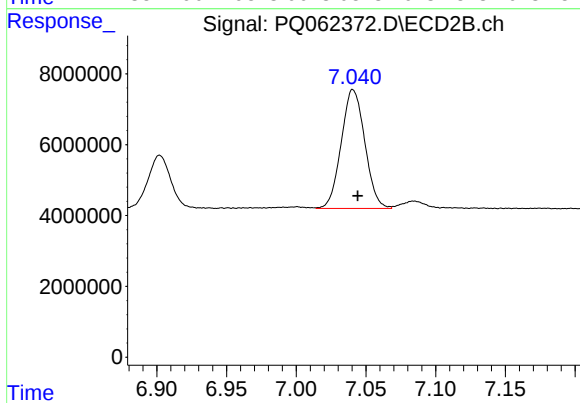
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 3058873
Conc: 8.30 ng/ml



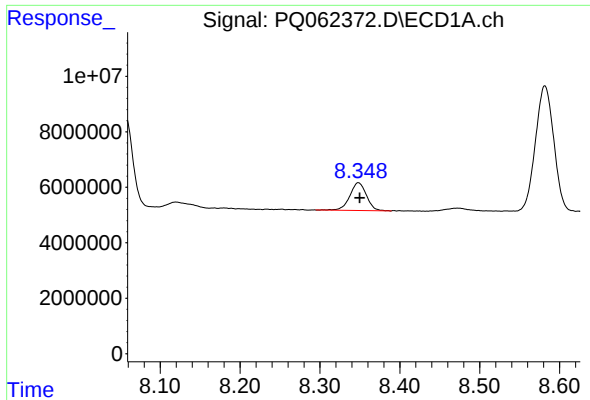
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 45428759
Conc: 248.26 ng/ml



#44 AR-1268-4

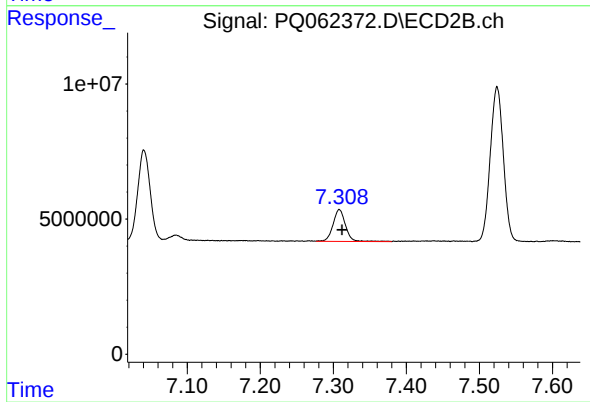
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 39542354
Conc: 247.24 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 14412728
Conc: 11.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 13992208
Conc: 11.99 ng/ml