

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072423\
 Data File : PQ062573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 16:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:50:16 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	2.756	201.8E6	129.8E6	41.377	51.742 #
2)	SA Decachlor...	8.584	7.524	167.8E6	157.1E6	46.192	47.149
Target Compounds							
3)	L1 AR-1016-1	4.502	3.756	70462875	46398104	427.779	468.784
4)	L1 AR-1016-2	4.522	3.771	105.2E6	68427311	425.455	474.534
5)	L1 AR-1016-3	4.579	3.931	64667825	34312705	424.314	454.818
6)	L1 AR-1016-4	4.671	3.980	53643816	30056004	427.968	457.619
7)	L1 AR-1016-5	4.958	4.175	52159258	36986311	428.529	451.154
8)	L2 AR-1221-1	3.599	2.956	7211098	5265887	119.969	159.589 #
9)	L2 AR-1221-2	3.681	3.032	10326100	7616493	229.813	299.861 #
10)	L2 AR-1221-3	3.751	3.101	38999678	27344285	277.542	354.702 #
11)	L3 AR-1232-1	3.751	3.101	38999678	27344285	369.310	477.224 #
12)	L3 AR-1232-2	4.244	3.771	53011029	68427311	896.196	1028.132
13)	L3 AR-1232-3	4.522	3.931	105.2E6	34312705	930.323	992.989
14)	L3 AR-1232-4	4.671	4.017	53643816	33344978	946.660	1121.223
15)	L3 AR-1232-5	4.768	4.175	41891320	36986311	1045.975	1037.169
16)	L4 AR-1242-1	4.502	3.756	70462875	46398104	539.102	599.931
17)	L4 AR-1242-2	4.522	3.771	105.2E6	68427311	541.889	615.582
18)	L4 AR-1242-3	4.579	3.931	64667825	34312705	535.134	585.780
19)	L4 AR-1242-4	4.671	4.017	53643816	33344978	550.273	568.753
20)	L4 AR-1242-5	5.387	4.510	6353996	29808146	66.374	359.600 #
21)	L5 AR-1248-1	4.502	3.756	70462875	46398104	677.667	742.128
22)	L5 AR-1248-2	4.768	3.980	41891320	30056004	291.596	320.533
23)	L5 AR-1248-3	4.958	4.017	52159258	33344978	300.261	368.275
24)	L5 AR-1248-4	5.352	4.175	7827993	36986311	40.786	327.778 #
25)	L5 AR-1248-5	5.387	4.548	6353996	4983480	35.081	44.482 #
26)	L6 AR-1254-1	5.324	4.510	40295275	29808146	216.850	184.613
27)	L6 AR-1254-2	5.543	4.658	45842856	29313258	157.691	199.106 #
28)	L6 AR-1254-3	5.895	5.039	24515374	15349358	79.818	65.679
29)	L6 AR-1254-4	6.179	5.265	17889573	6351517	77.046	41.673 #
30)	L6 AR-1254-5	6.593	5.670	149.2E6	114.3E6	580.716	495.133
31)	L7 AR-1260-1	6.061	5.168	100.9E6	74537083	427.566	447.527
32)	L7 AR-1260-2	6.321	5.358	124.9E6	91823277	432.330	441.573
33)	L7 AR-1260-3	6.675	5.499	76449165	86362949	432.952	443.892
34)	L7 AR-1260-4	6.893	5.961	90750343	65728306	430.812	450.621
35)	L7 AR-1260-5	7.204	6.207	181.9E6	149.2E6	442.956	449.307
36)	L8 AR-1262-1	6.675	5.713	76449165	64668210	250.701	278.177
37)	L8 AR-1262-2	7.204	5.961	181.9E6	65728306	345.314	304.006
38)	L8 AR-1262-3	7.482	6.485	117.3E6	31812617	332.897	182.487 #
39)	L8 AR-1262-4	7.552	6.543	64527665	117.4E6	241.930	364.134 #
40)	L8 AR-1262-5	8.059	7.040	44310350	39632647	249.623	255.505
41)	L9 AR-1268-1	7.482	6.485	117.3E6	31812617	206.670	67.609 #

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

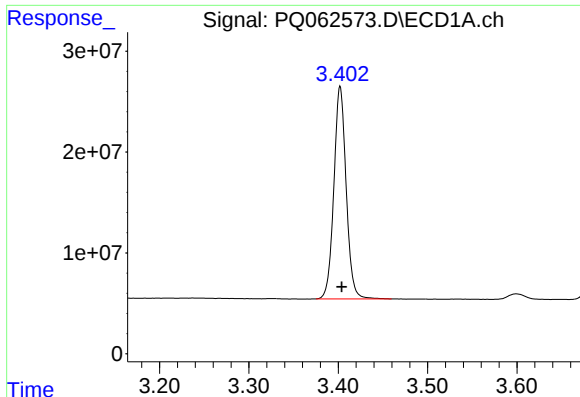
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:50:16 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	6.543	64527665	117.4E6	126.556	276.983 #
43) L9	AR-1268-3	7.736	6.748	3412382	3207188	7.996	8.708
44) L9	AR-1268-4	8.059	7.040	44310350	39632647	242.153	247.803
45) L9	AR-1268-5	8.351	7.308	14081134	14789867	11.169	12.674

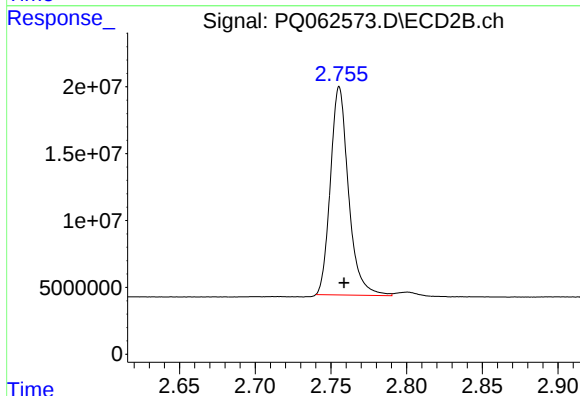
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

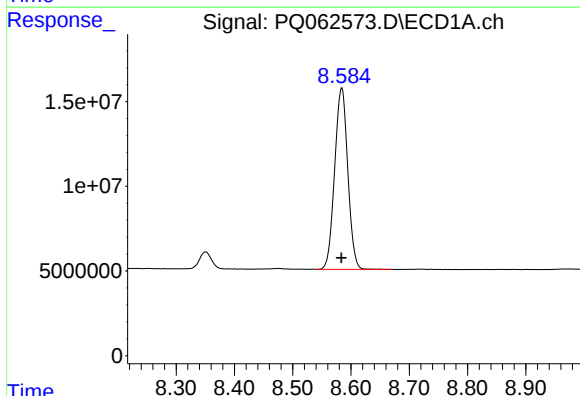
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 201843804
Conc: 41.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



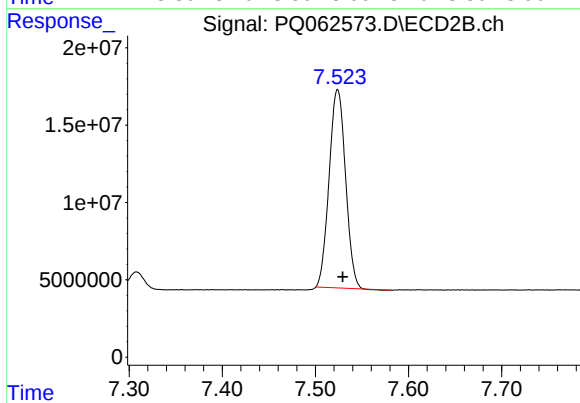
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 129827330
Conc: 51.74 ng/ml



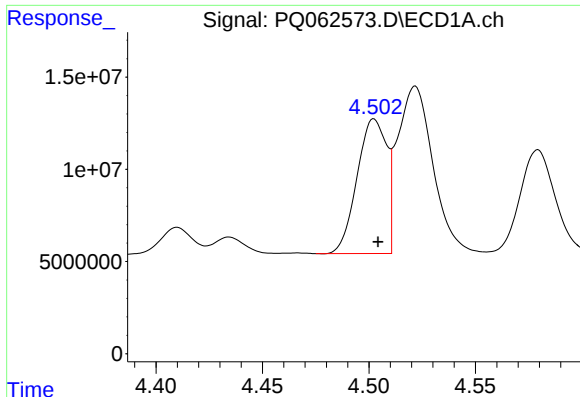
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 167804023
Conc: 46.19 ng/ml



#2 Decachlorobiphenyl

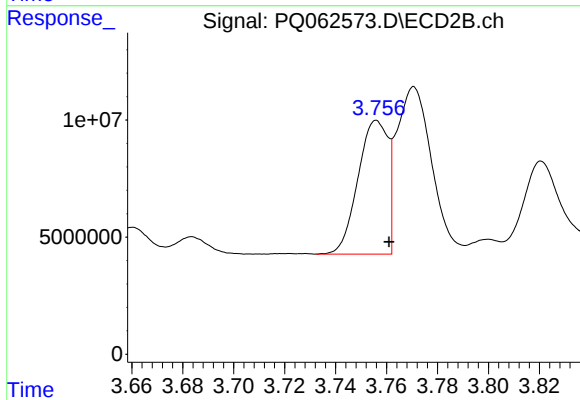
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 157108002
Conc: 47.15 ng/ml



#3 AR-1016-1

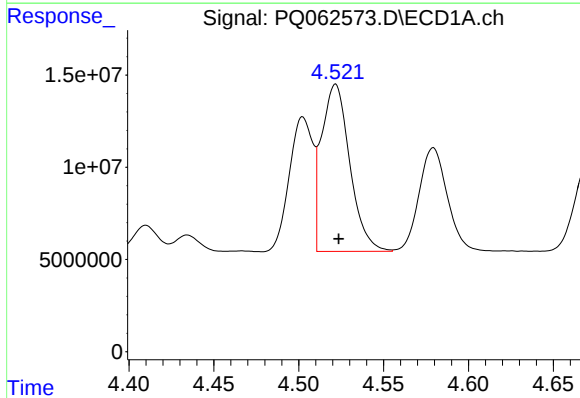
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 70462875
Conc: 427.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



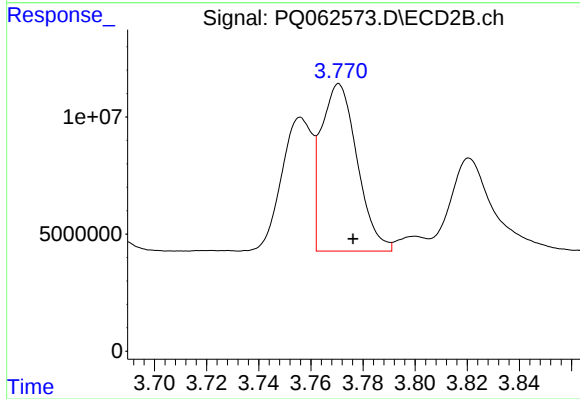
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 46398104
Conc: 468.78 ng/ml



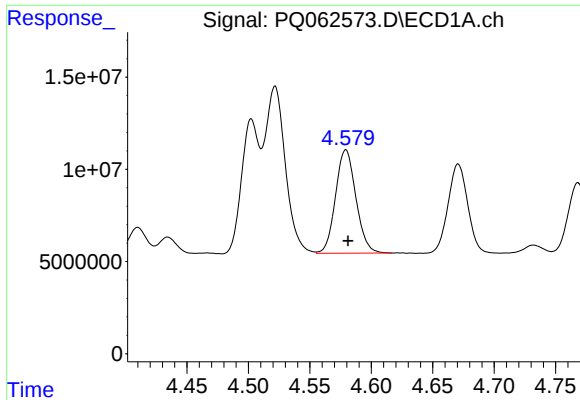
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 105201505
Conc: 425.45 ng/ml



#4 AR-1016-2

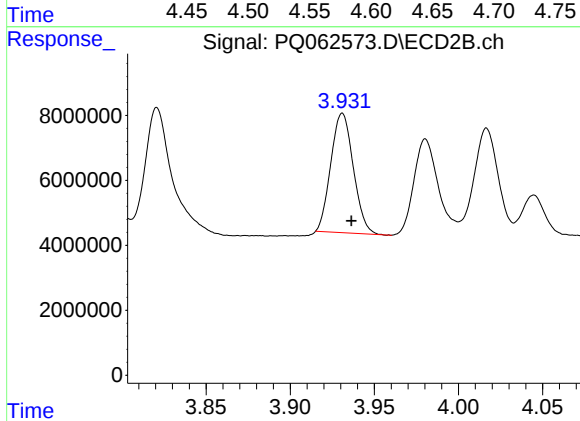
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 68427311
Conc: 474.53 ng/ml



#5 AR-1016-3

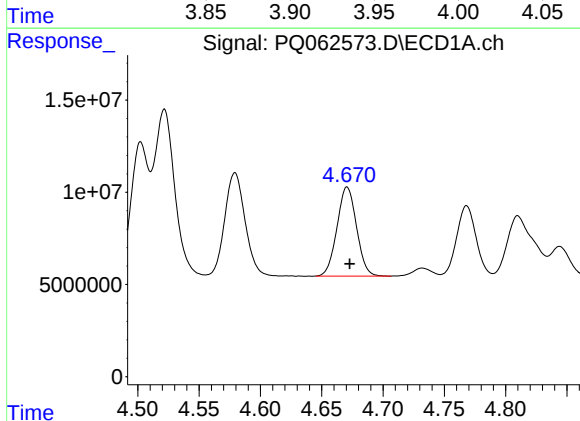
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 64667825
Conc: 424.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



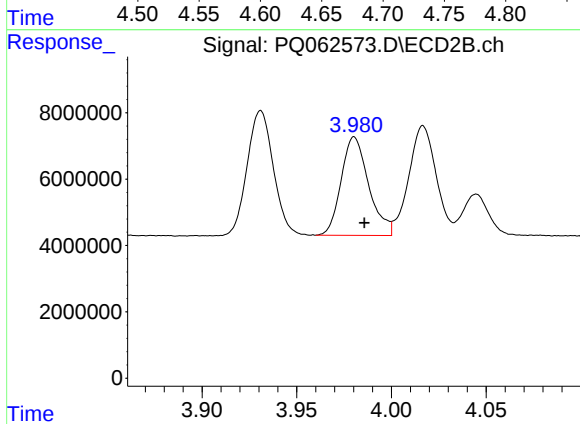
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 34312705
Conc: 454.82 ng/ml



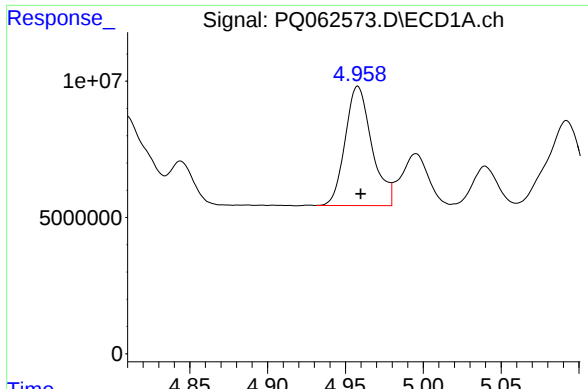
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 53643816
Conc: 427.97 ng/ml



#6 AR-1016-4

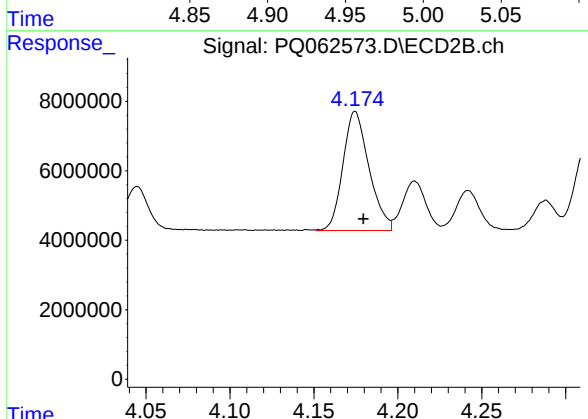
R.T.: 3.980 min
Delta R.T.: -0.005 min
Response: 30056004
Conc: 457.62 ng/ml



#7 AR-1016-5

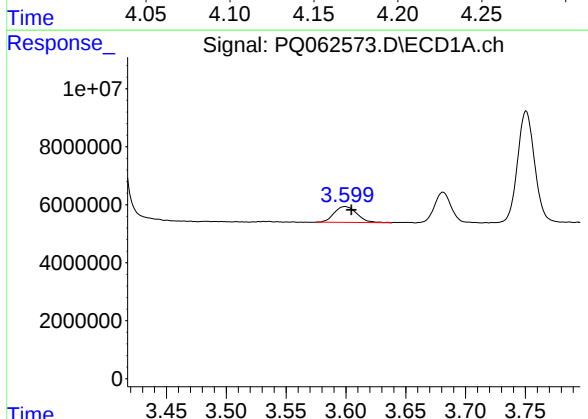
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 52159258
Conc: 428.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



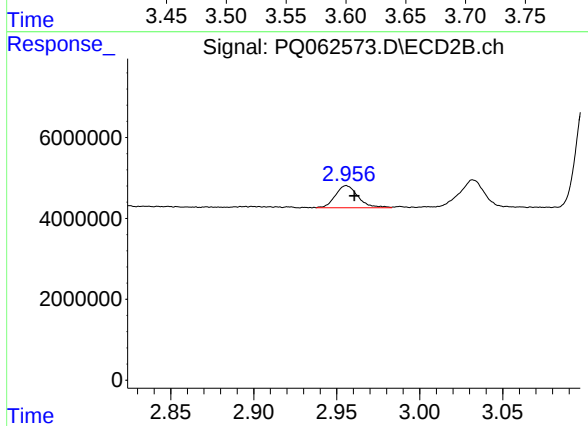
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 36986311
Conc: 451.15 ng/ml



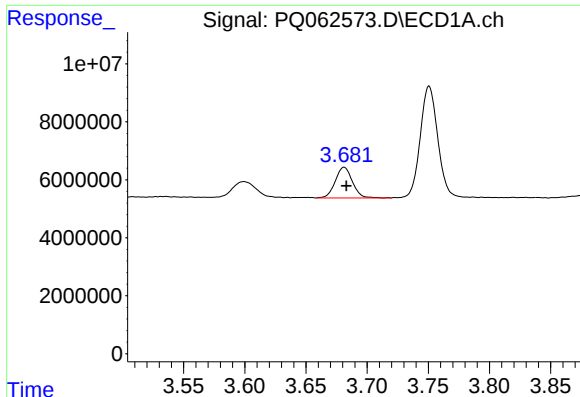
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 7211098
Conc: 119.97 ng/ml



#8 AR-1221-1

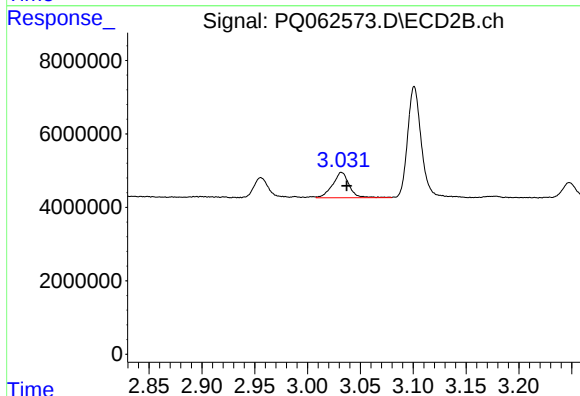
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 5265887
Conc: 159.59 ng/ml



#9 AR-1221-2

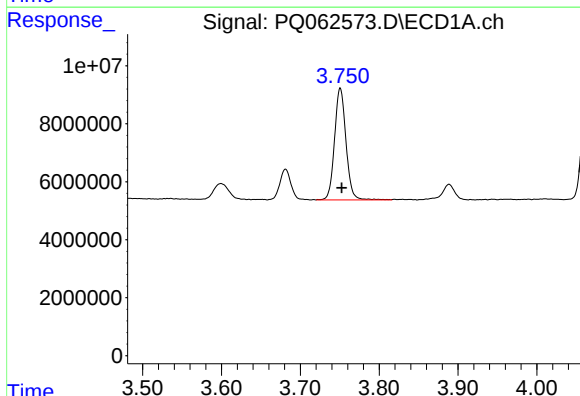
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 10326100
Conc: 229.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



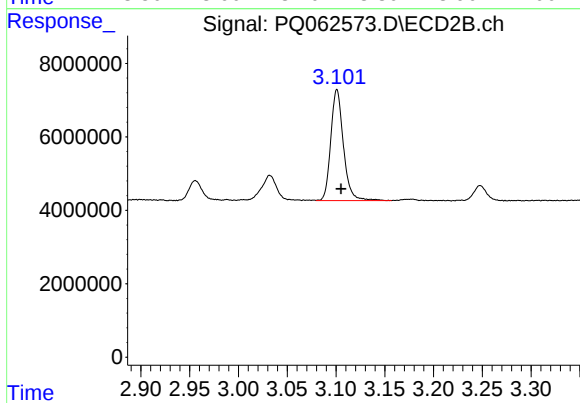
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.005 min
Response: 7616493
Conc: 299.86 ng/ml



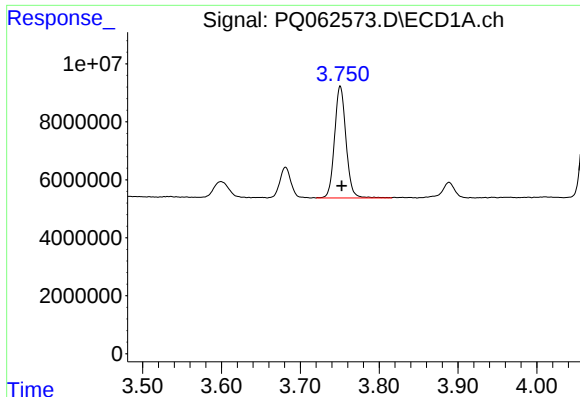
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 38999678
Conc: 277.54 ng/ml



#10 AR-1221-3

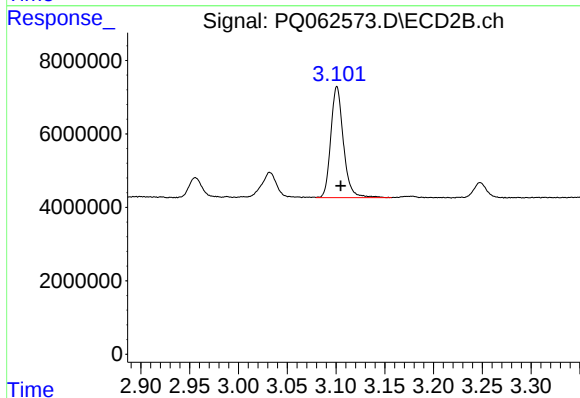
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 27344285
Conc: 354.70 ng/ml



#11 AR-1232-1

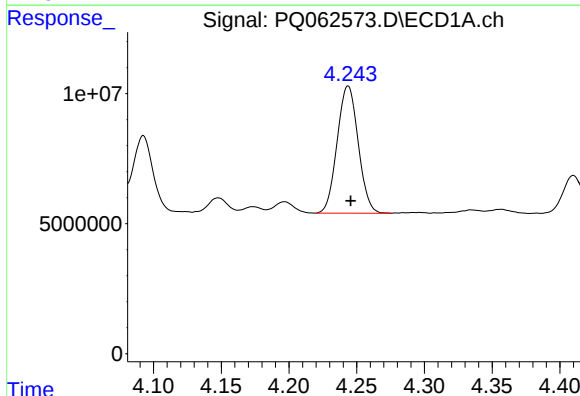
R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 38999678
Conc: 369.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



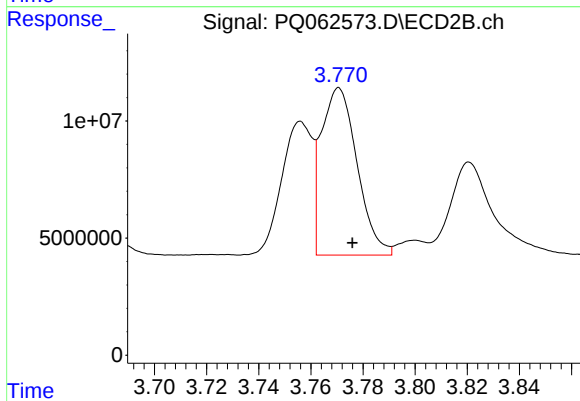
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 27344285
Conc: 477.22 ng/ml



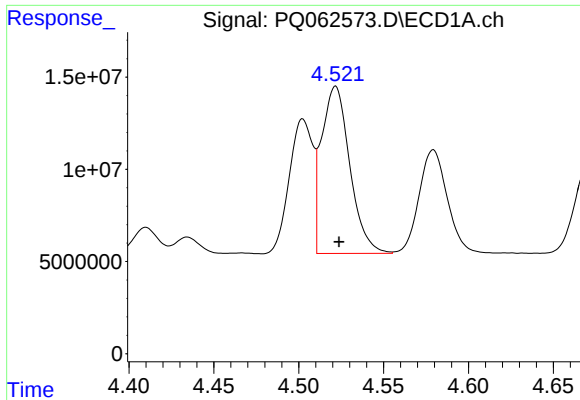
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 53011029
Conc: 896.20 ng/ml



#12 AR-1232-2

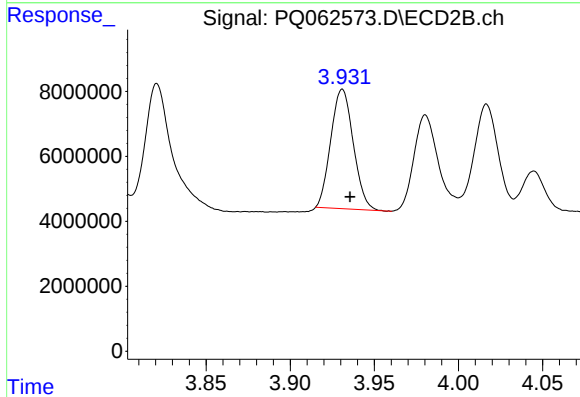
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 68427311
Conc: 1028.13 ng/ml



#13 AR-1232-3

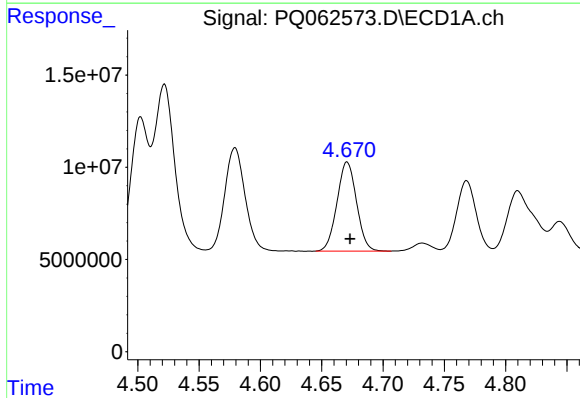
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 105201505
Conc: 930.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



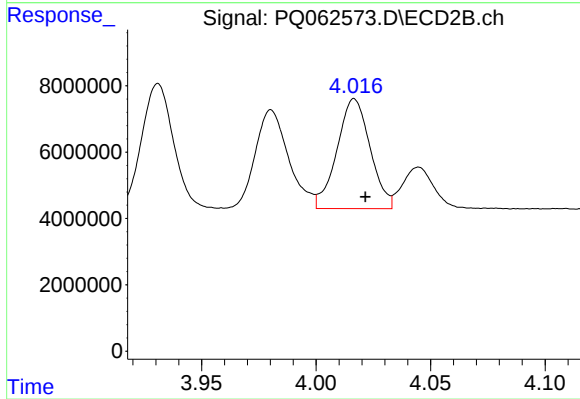
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 34312705
Conc: 992.99 ng/ml



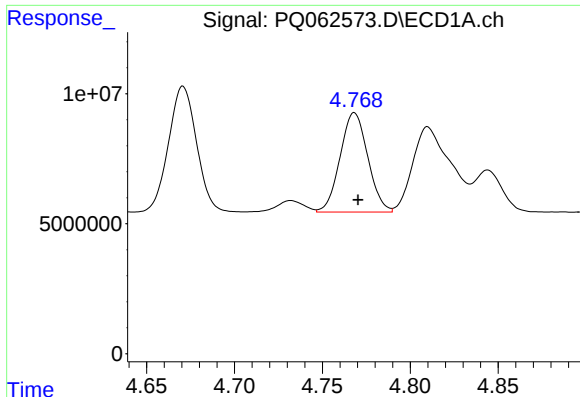
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 53643816
Conc: 946.66 ng/ml



#14 AR-1232-4

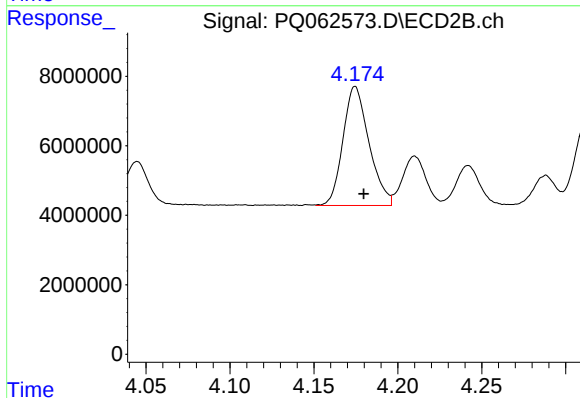
R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 33344978
Conc: 1121.22 ng/ml



#15 AR-1232-5

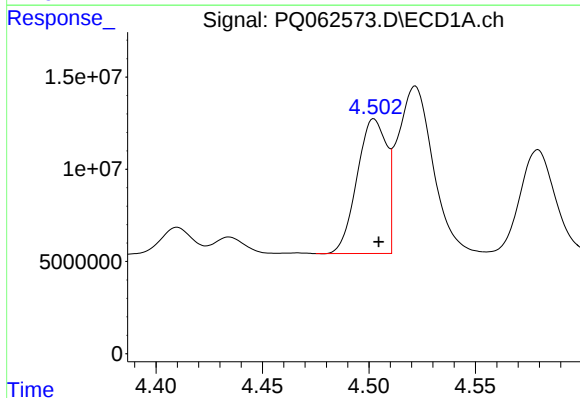
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 41891320
Conc: 1045.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



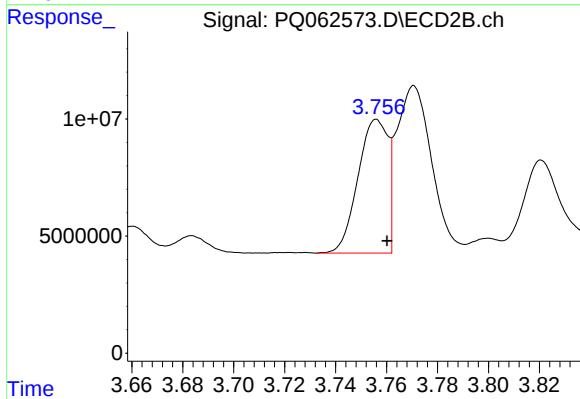
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 36986311
Conc: 1037.17 ng/ml



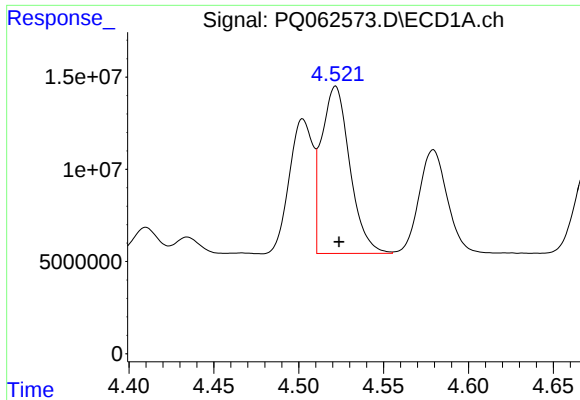
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 70462875
Conc: 539.10 ng/ml



#16 AR-1242-1

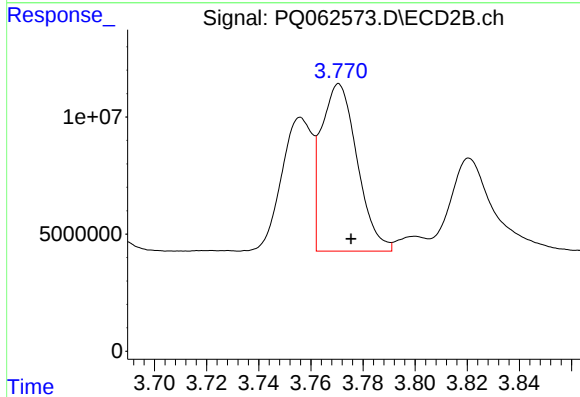
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 46398104
Conc: 599.93 ng/ml



#17 AR-1242-2

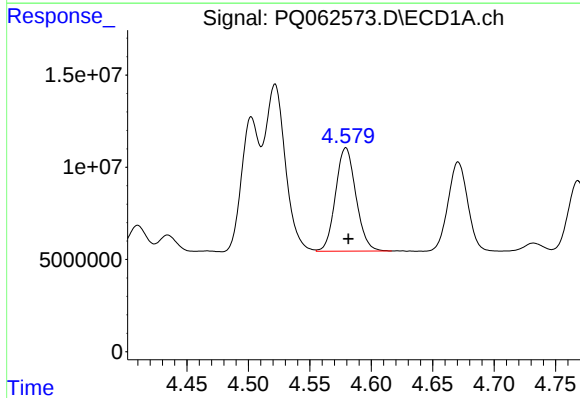
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 105201505
Conc: 541.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



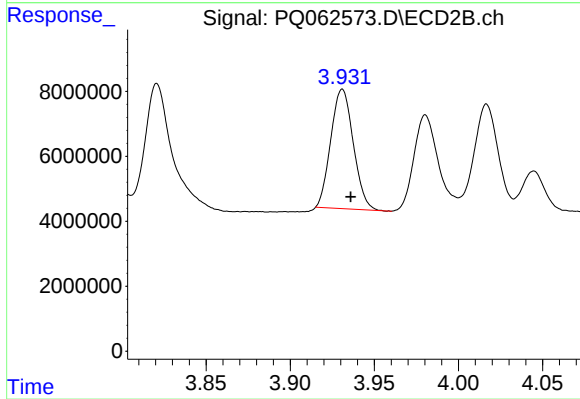
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 68427311
Conc: 615.58 ng/ml



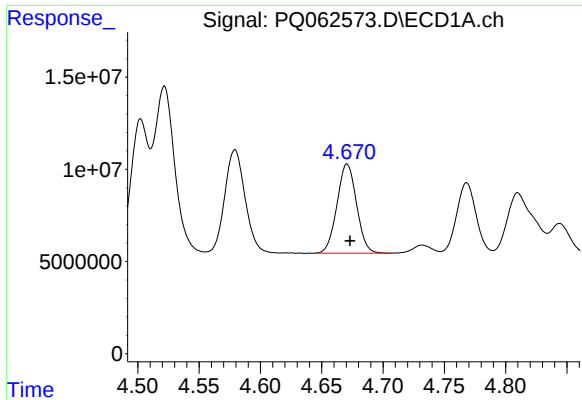
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 64667825
Conc: 535.13 ng/ml



#18 AR-1242-3

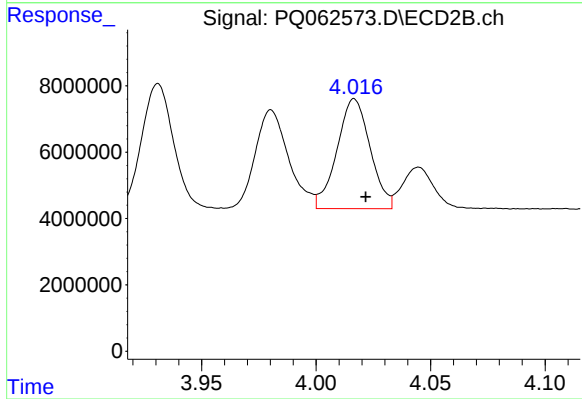
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 34312705
Conc: 585.78 ng/ml



#19 AR-1242-4

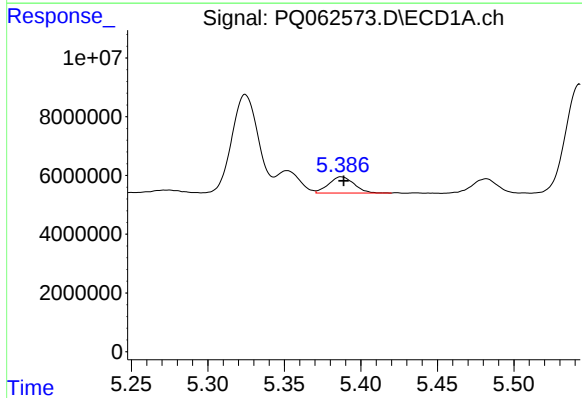
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 53643816
Conc: 550.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



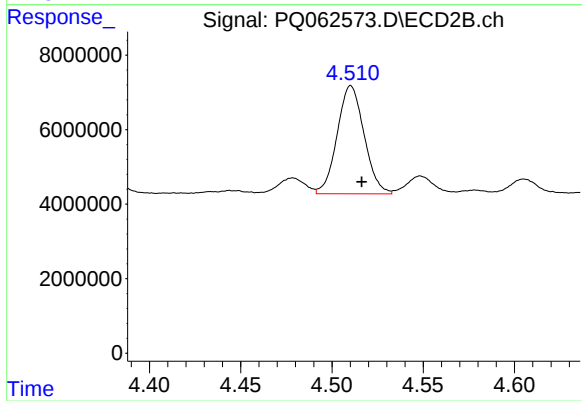
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 33344978
Conc: 568.75 ng/ml



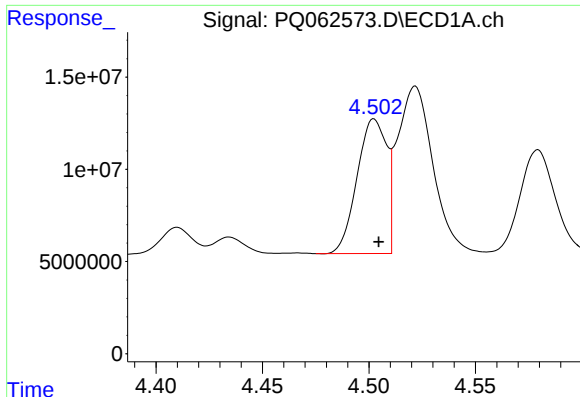
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 6353996
Conc: 66.37 ng/ml



#20 AR-1242-5

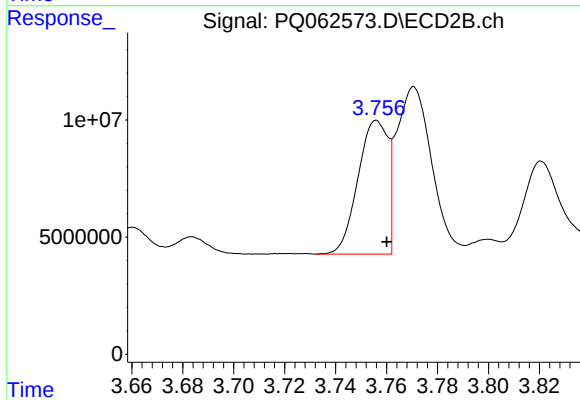
R.T.: 4.510 min
Delta R.T.: -0.006 min
Response: 29808146
Conc: 359.60 ng/ml



#21 AR-1248-1

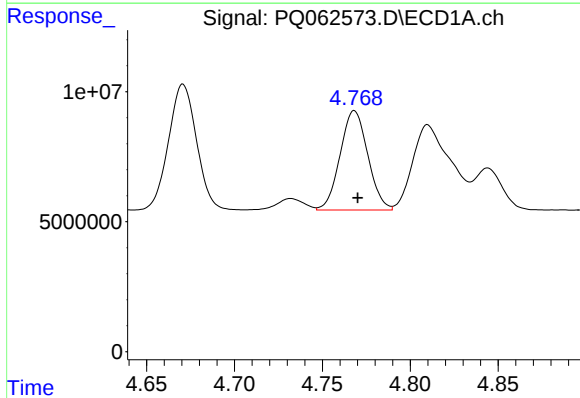
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 70462875
Conc: 677.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



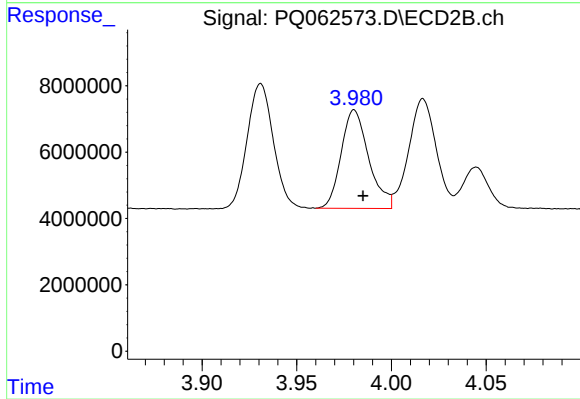
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 46398104
Conc: 742.13 ng/ml



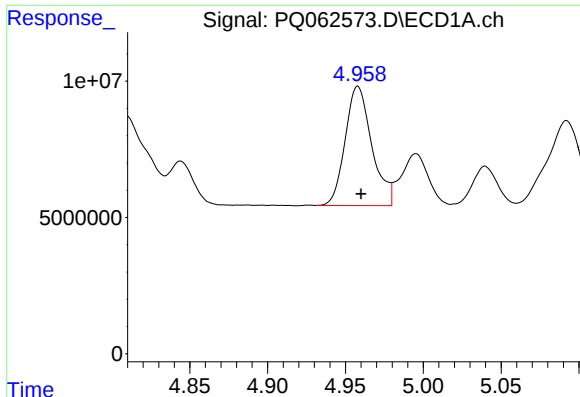
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 41891320
Conc: 291.60 ng/ml



#22 AR-1248-2

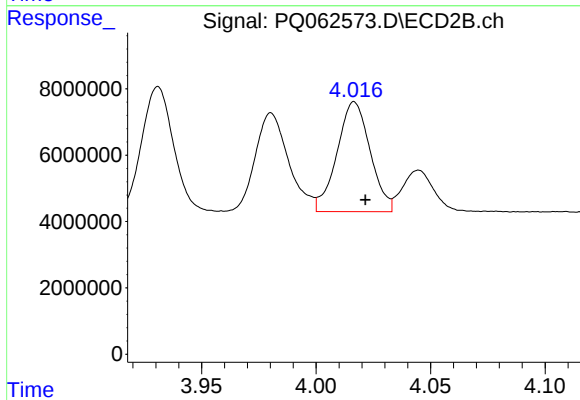
R.T.: 3.980 min
Delta R.T.: -0.005 min
Response: 30056004
Conc: 320.53 ng/ml



#23 AR-1248-3

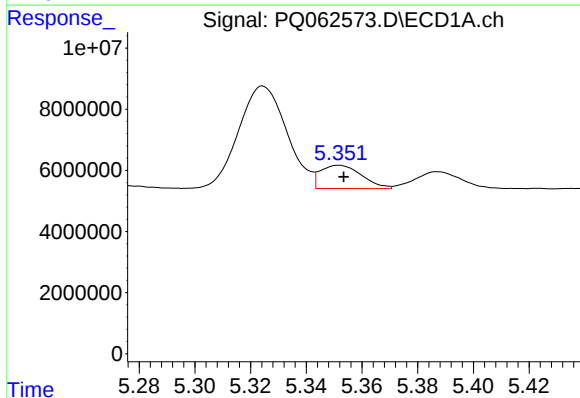
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 52159258
Conc: 300.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



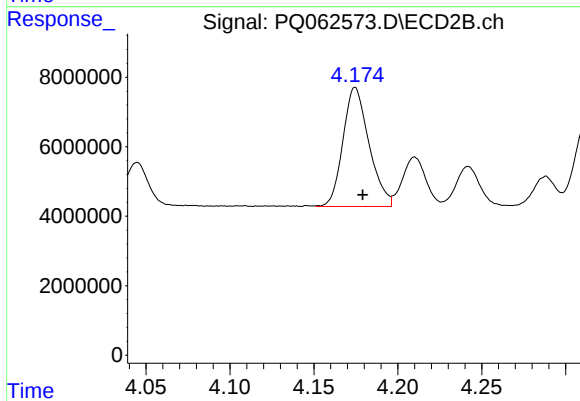
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 33344978
Conc: 368.27 ng/ml



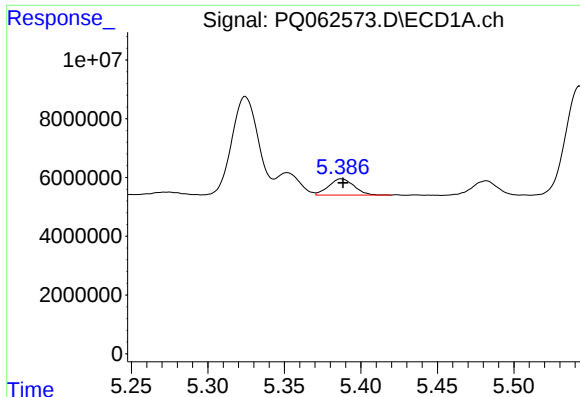
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 7827993
Conc: 40.79 ng/ml



#24 AR-1248-4

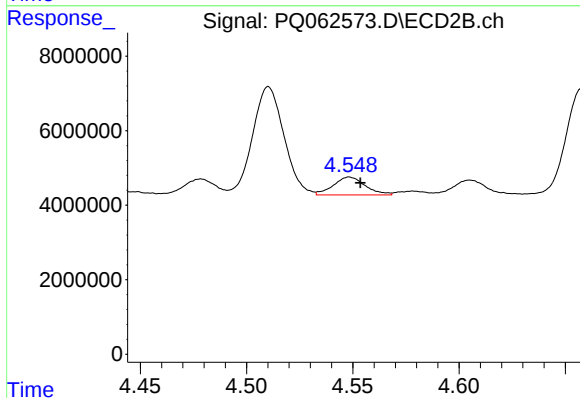
R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 36986311
Conc: 327.78 ng/ml



#25 AR-1248-5

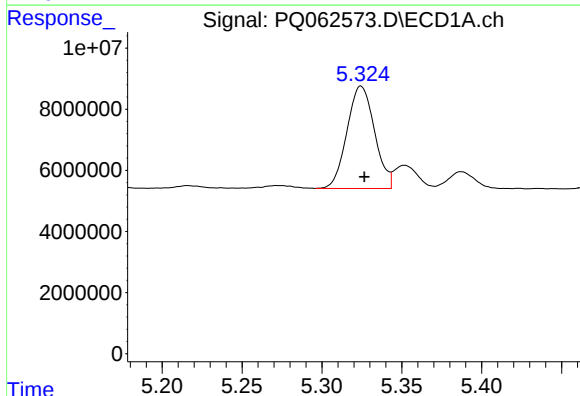
R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 6353996
Conc: 35.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



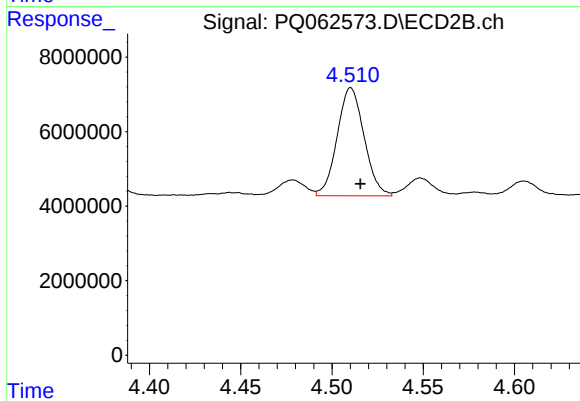
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.005 min
Response: 4983480
Conc: 44.48 ng/ml



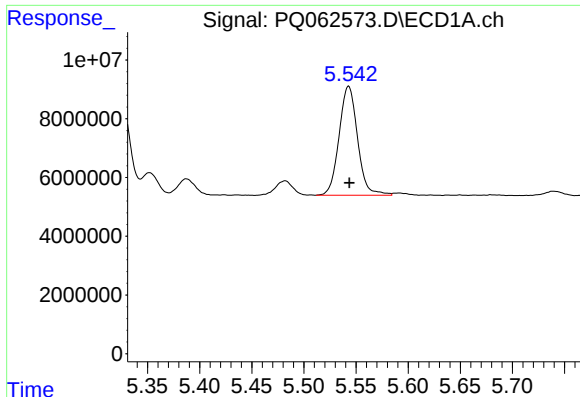
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 40295275
Conc: 216.85 ng/ml



#26 AR-1254-1

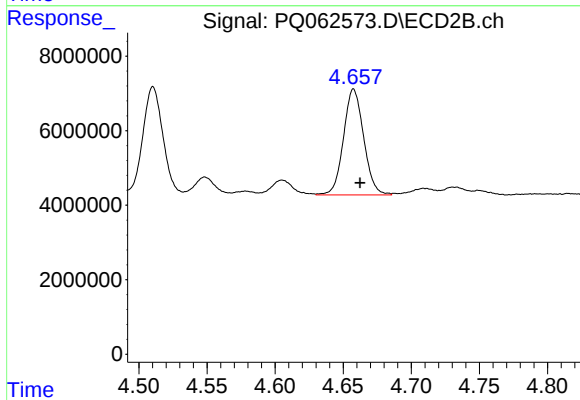
R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 29808146
Conc: 184.61 ng/ml



#27 AR-1254-2

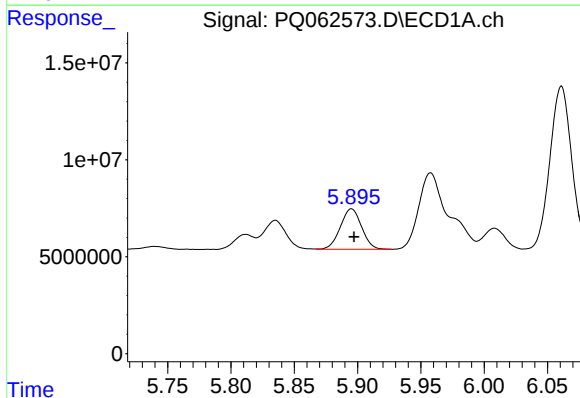
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 45842856
Conc: 157.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



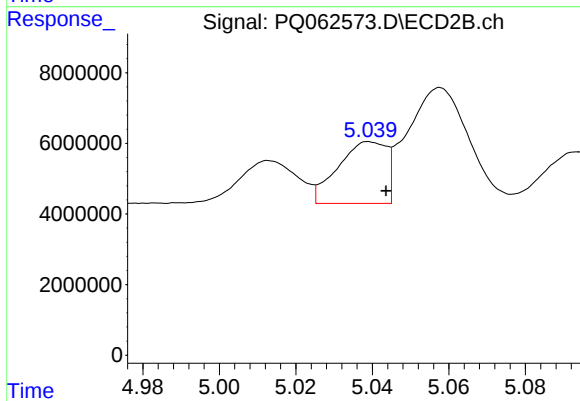
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: -0.005 min
Response: 29313258
Conc: 199.11 ng/ml



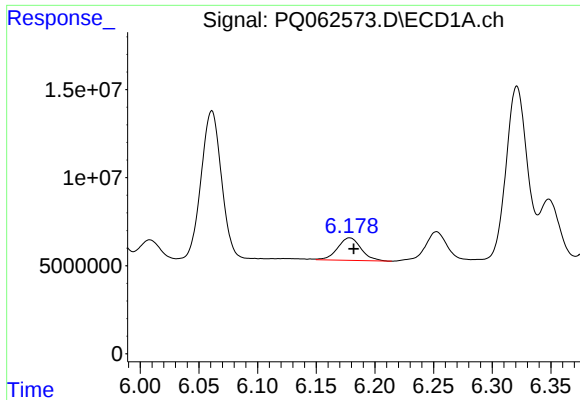
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 24515374
Conc: 79.82 ng/ml



#28 AR-1254-3

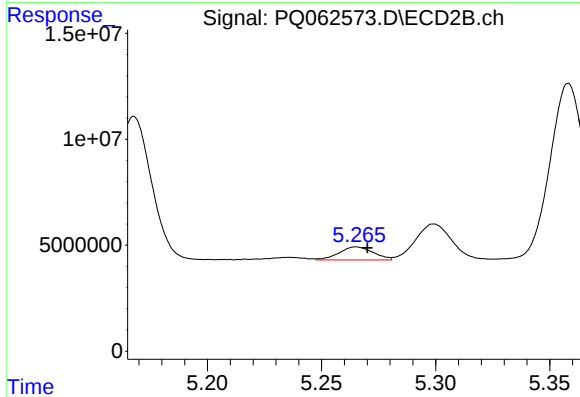
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 15349358
Conc: 65.68 ng/ml



#29 AR-1254-4

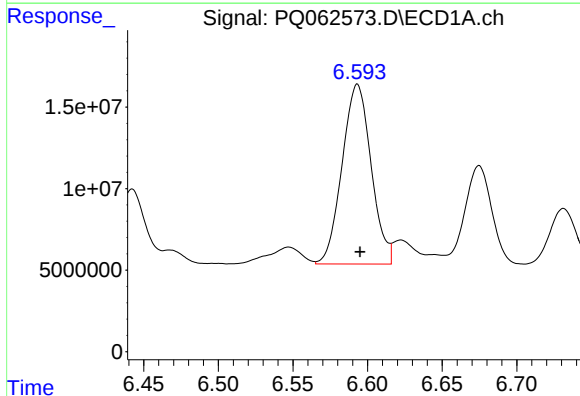
R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 17889573
Conc: 77.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



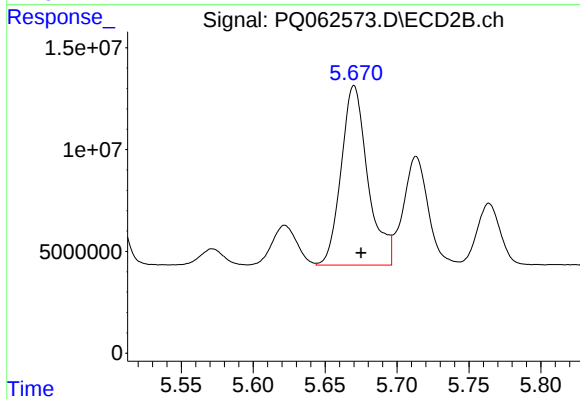
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 6351517
Conc: 41.67 ng/ml



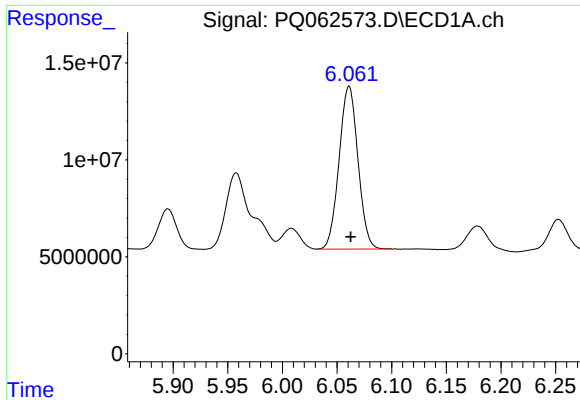
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 149168570
Conc: 580.72 ng/ml



#30 AR-1254-5

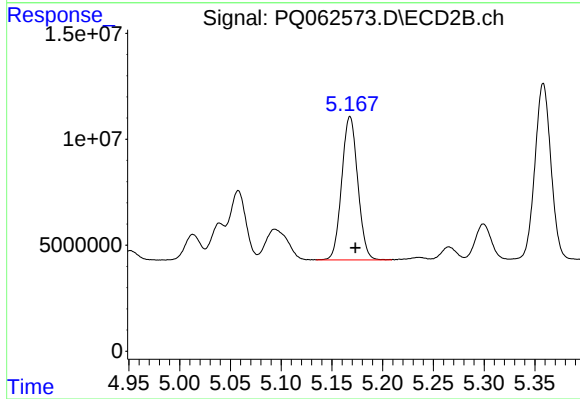
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 114275008
Conc: 495.13 ng/ml



#31 AR-1260-1

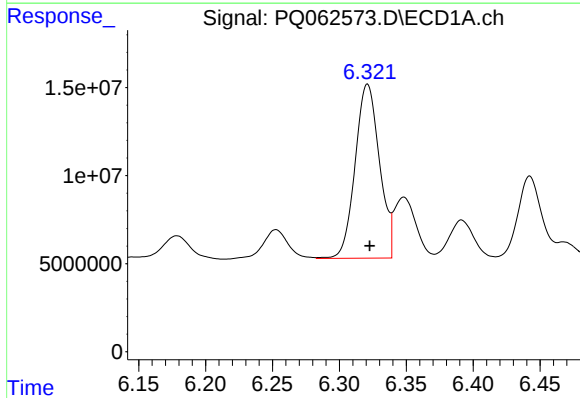
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 100876241
Conc: 427.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



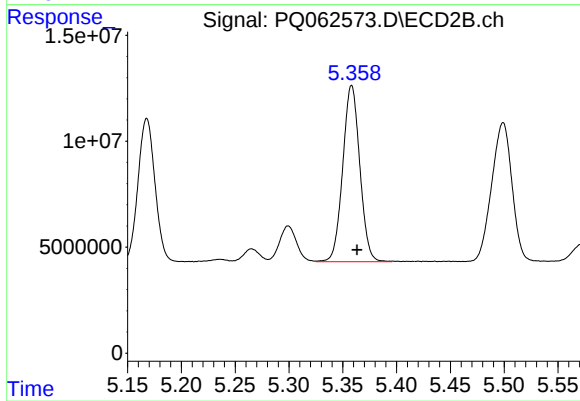
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 74537083
Conc: 447.53 ng/ml



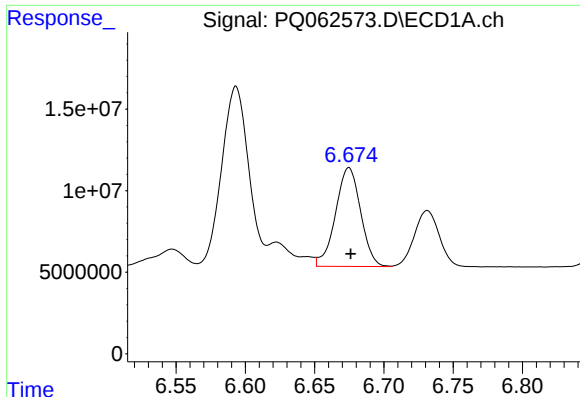
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 124862286
Conc: 432.33 ng/ml



#32 AR-1260-2

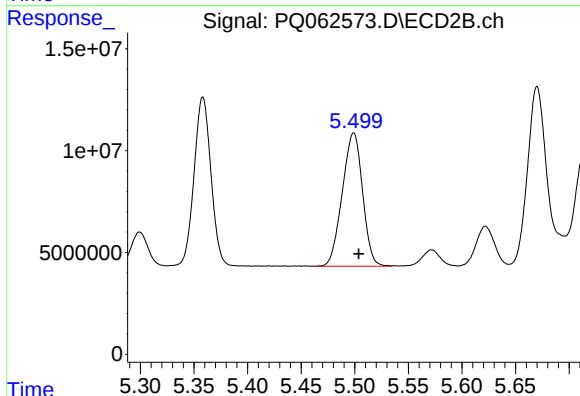
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 91823277
Conc: 441.57 ng/ml



#33 AR-1260-3

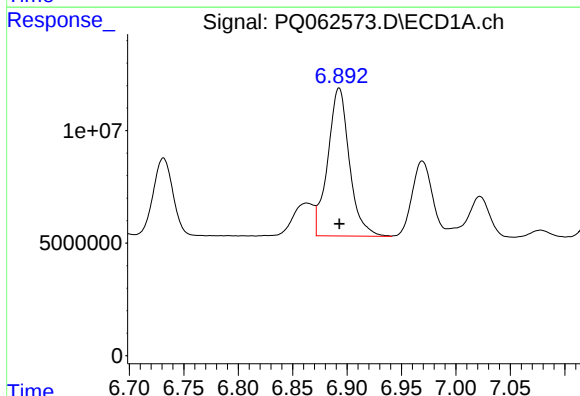
R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 76449165
Conc: 432.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



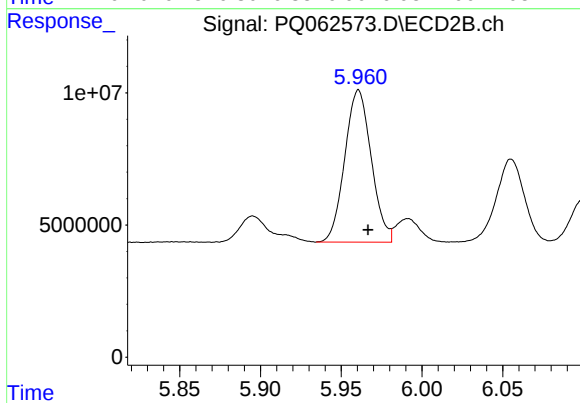
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 86362949
Conc: 443.89 ng/ml



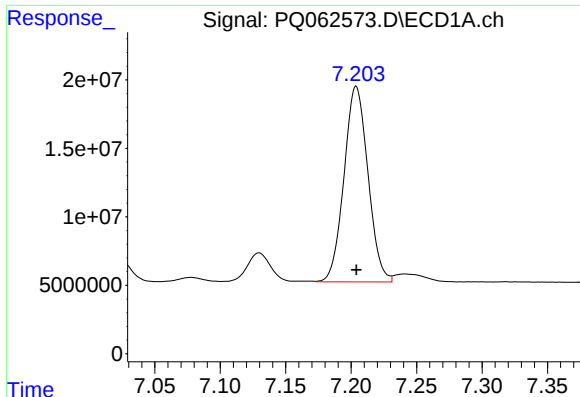
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 90750343
Conc: 430.81 ng/ml



#34 AR-1260-4

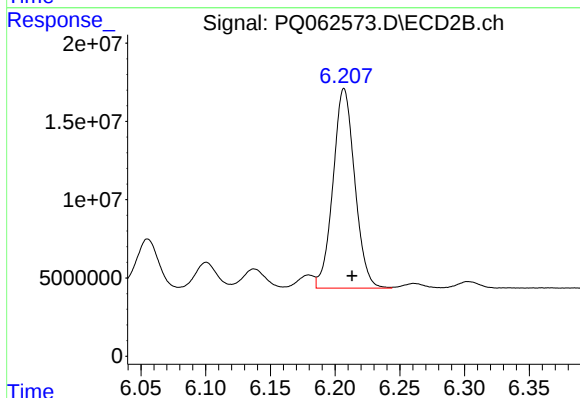
R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 65728306
Conc: 450.62 ng/ml



#35 AR-1260-5

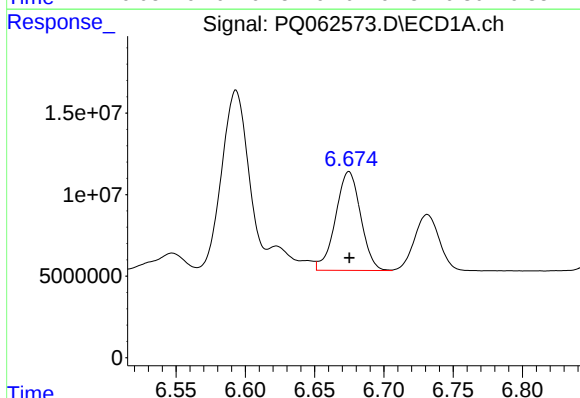
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 181881723
Conc: 442.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



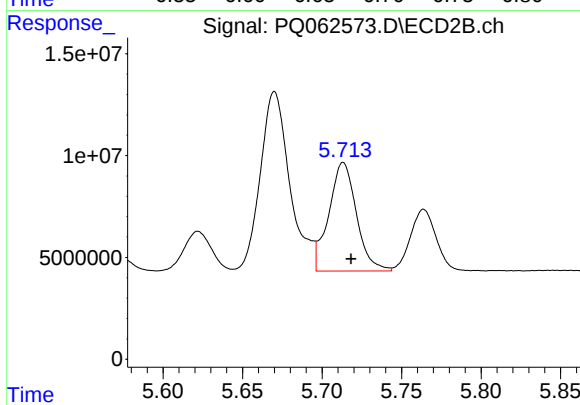
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 149196438
Conc: 449.31 ng/ml



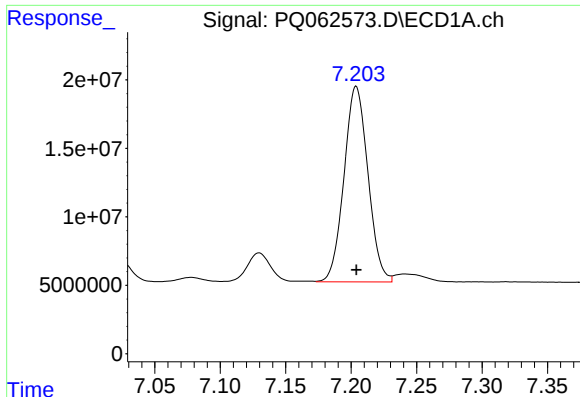
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 76449165
Conc: 250.70 ng/ml



#36 AR-1262-1

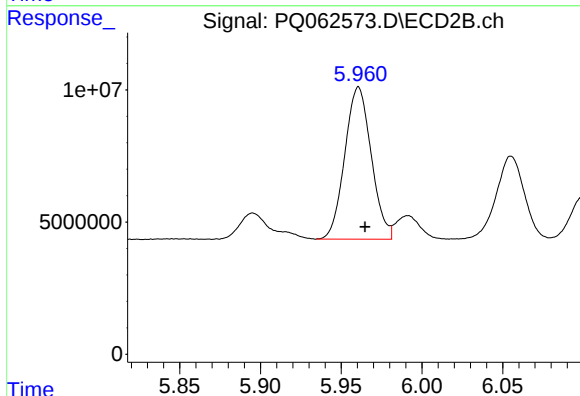
R.T.: 5.713 min
Delta R.T.: -0.005 min
Response: 64668210
Conc: 278.18 ng/ml



#37 AR-1262-2

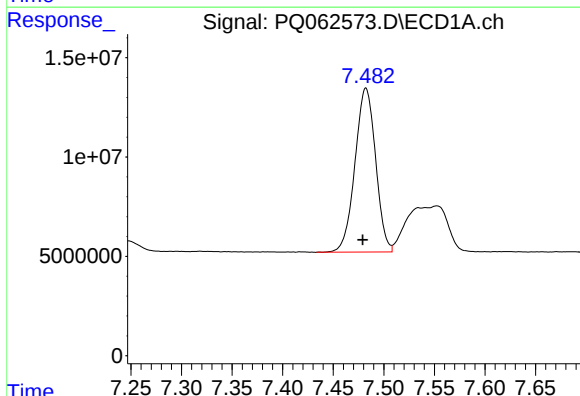
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 181881723
Conc: 345.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



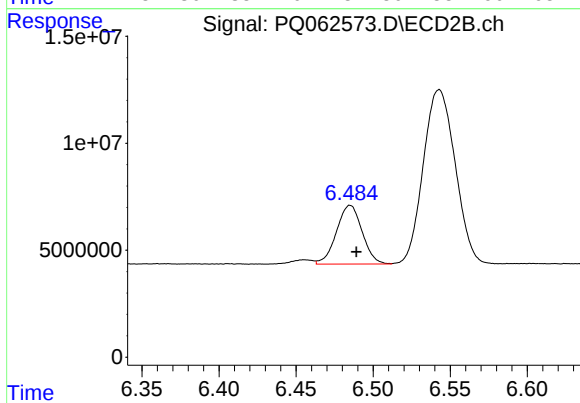
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 65728306
Conc: 304.01 ng/ml



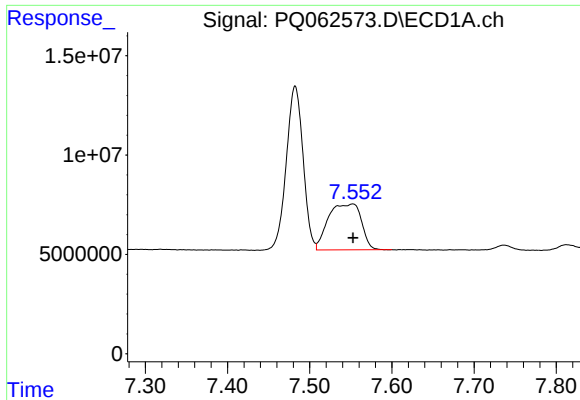
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 117280760
Conc: 332.90 ng/ml



#38 AR-1262-3

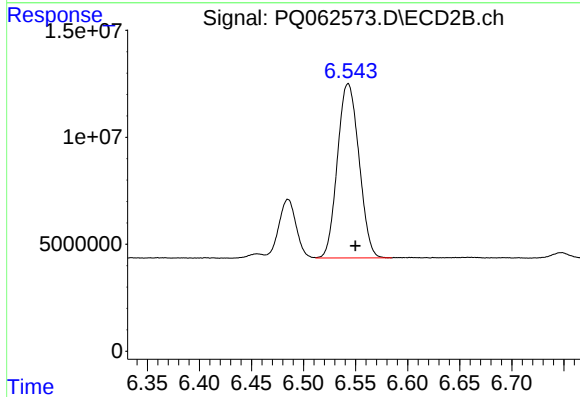
R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 31812617
Conc: 182.49 ng/ml



#39 AR-1262-4

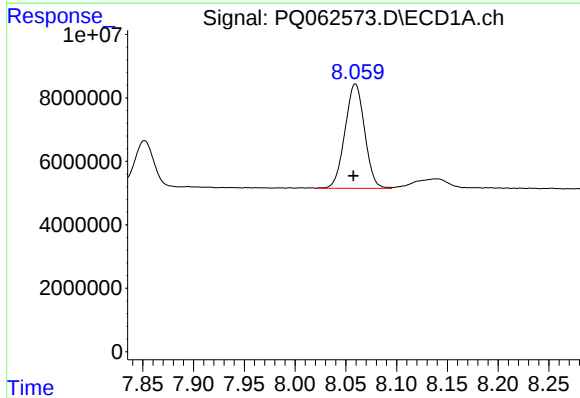
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 64527665
Conc: 241.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



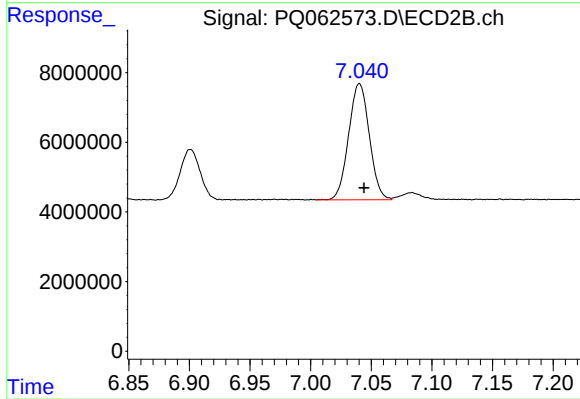
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 117358355
Conc: 364.13 ng/ml



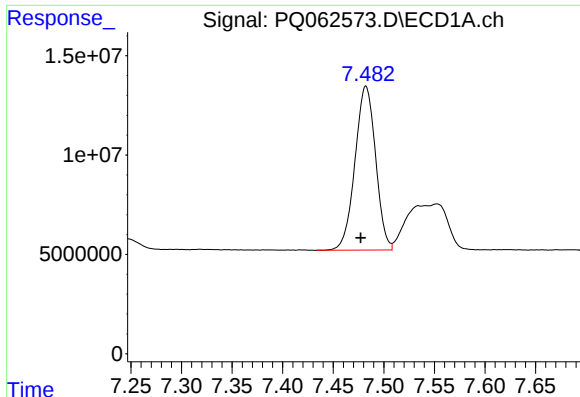
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 44310350
Conc: 249.62 ng/ml



#40 AR-1262-5

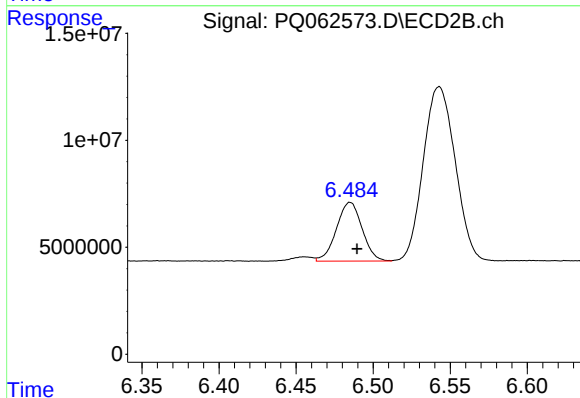
R.T.: 7.040 min
Delta R.T.: -0.004 min
Response: 39632647
Conc: 255.51 ng/ml



#41 AR-1268-1

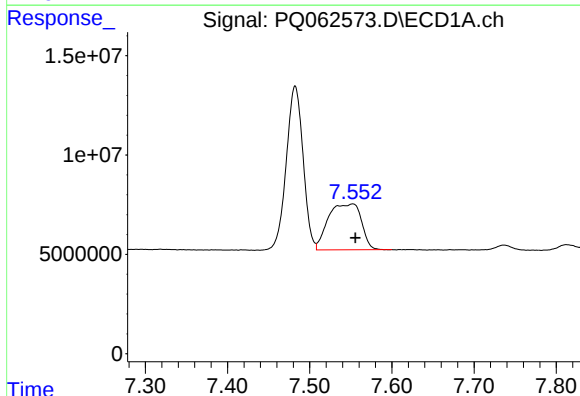
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 117280760
Conc: 206.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



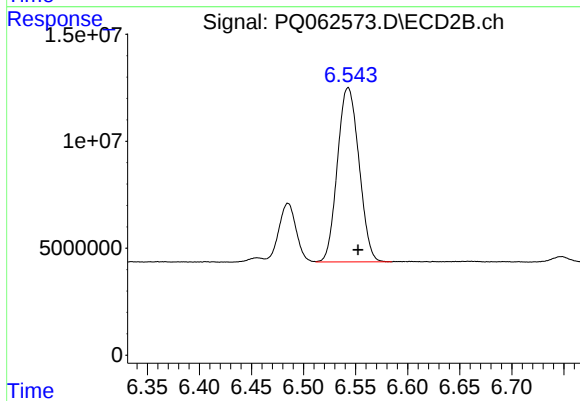
#41 AR-1268-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 31812617
Conc: 67.61 ng/ml



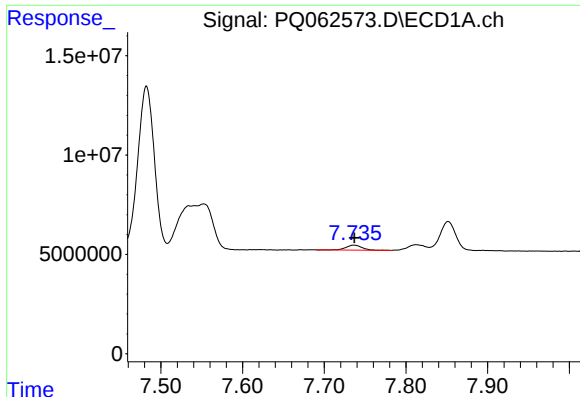
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 64527665
Conc: 126.56 ng/ml



#42 AR-1268-2

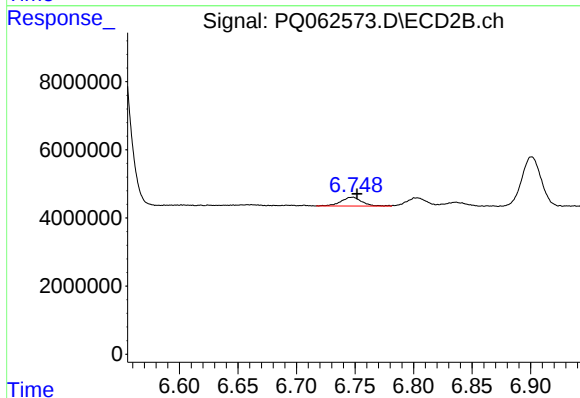
R.T.: 6.543 min
Delta R.T.: -0.010 min
Response: 117358355
Conc: 276.98 ng/ml



#43 AR-1268-3

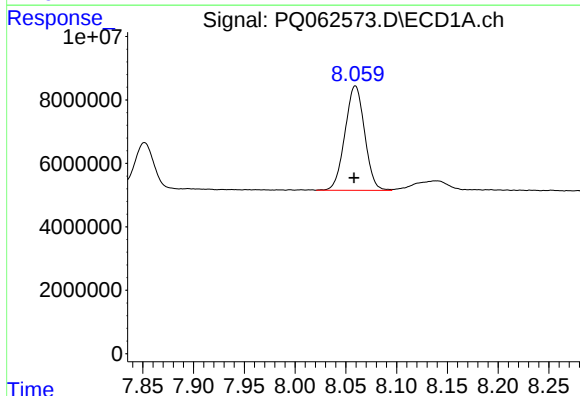
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 3412382
Conc: 8.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



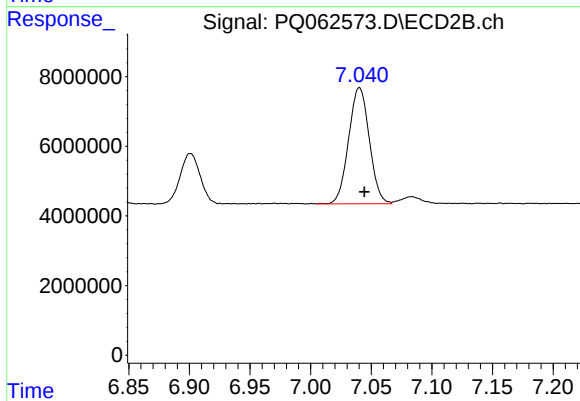
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 3207188
Conc: 8.71 ng/ml



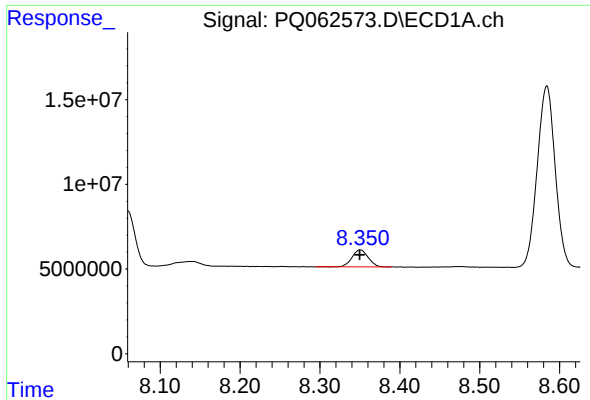
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 44310350
Conc: 242.15 ng/ml



#44 AR-1268-4

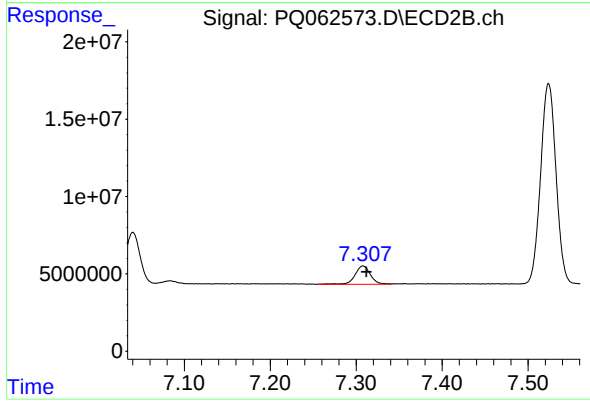
R.T.: 7.040 min
Delta R.T.: -0.004 min
Response: 39632647
Conc: 247.80 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 14081134
Conc: 11.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 14789867
Conc: 12.67 ng/ml