

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040125\
 Data File : PQ070120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 11:45
 Operator : YP\AJ
 Sample : Q1676-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 12:25:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 19 15:05:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.393	2.787	3626232	194155	0.406	0.024 #
2)	SA Decachlor...	8.503	7.546	3280208	6082990	0.864	1.038
Target Compounds							
3)	L1 AR-1016-1	4.488	3.787	84447610	88874729	367.125	397.498
4)	L1 AR-1016-2	4.506	3.803	148.0E6	165.4E6	382.314	453.126
5)	L1 AR-1016-3	4.564	3.963	93542834	78768065	370.908	381.167
6)	L1 AR-1016-4	4.653	4.011	73173866	70564032	366.321	371.971
7)	L1 AR-1016-5	4.937	4.206	68987307	84484608	351.858	378.890
8)	L2 AR-1221-1	3.598	2.985	15912084	11845639	160.573	122.823
9)	L2 AR-1221-2	3.678	3.062	15219523	14567109	223.814	217.148
10)	L2 AR-1221-3	3.747	3.131	57572593	61970740	262.406	289.724
11)	L3 AR-1232-1	3.747	3.131	57572593	61970740	321.084	345.724
12)	L3 AR-1232-2	4.233	3.803	77627734	165.4E6	755.734	909.353
13)	L3 AR-1232-3	4.506	3.963	148.0E6	78768065	786.112	828.662
14)	L3 AR-1232-4	4.653	4.048	73173866	76936237	759.805	920.600
15)	L3 AR-1232-5	4.750	4.206	57479438	84484608	878.332	899.789
16)	L4 AR-1242-1	4.488	3.787	84447610	88874729	411.385	451.075
17)	L4 AR-1242-2	4.506	3.803	148.0E6	165.4E6	442.410	536.915
18)	L4 AR-1242-3	4.564	3.963	93542834	78768065	436.271	463.387
19)	L4 AR-1242-4	4.653	4.048	73173866	76936237	425.658	471.591
20)	L4 AR-1242-5	5.361	4.542	8062507	68767535	52.408	346.559 #
21)	L5 AR-1248-1	4.488	3.787	84447610	88874729	524.223	572.780
22)	L5 AR-1248-2	4.750	4.011	57479438	70564032	246.519	287.941
23)	L5 AR-1248-3	4.937	4.048	68987307	76936237	248.658	323.940 #
24)	L5 AR-1248-4	5.324	4.206	7899483	84484608	28.363	293.194 #
25)	L5 AR-1248-5	5.361	4.581	8062507	9270658	29.674	34.681
26)	L6 AR-1254-1	5.299	4.542	54679700	68767535	177.475	161.984
27)	L6 AR-1254-2	5.514	4.689	61298707	67086090	130.214	178.065 #
28)	L6 AR-1254-3	5.861	5.071	33308285	29376426	68.976	50.355 #
29)	L6 AR-1254-4	6.141	5.297	23788555	8965565	75.421	26.431 #
30)	L6 AR-1254-5	6.549	5.700	201.5E6	255.9E6	555.605	488.268
31)	L7 AR-1260-1	6.026	5.199	151.8E6	178.7E6	442.752	446.085
32)	L7 AR-1260-2	6.282	5.388	162.6E6	210.8E6	433.131	451.639
33)	L7 AR-1260-3	6.633	5.529	119.3E6	201.4E6	396.122	452.653
34)	L7 AR-1260-4	6.846	5.990	134.5E6	150.1E6	412.072	382.631
35)	L7 AR-1260-5	7.152	6.234	228.1E6	364.5E6	390.834	439.780
36)	L8 AR-1262-1	6.846	5.744	134.5E6	166.5E6	311.519	290.496
37)	L8 AR-1262-2	7.152	5.990	228.1E6	150.1E6	317.514	283.907
38)	L8 AR-1262-3	7.426	6.512	142.1E6	74237148	295.940	184.154 #
39)	L8 AR-1262-4	7.497	6.569	93178313	242.7E6	235.912	340.142 #
40)	L8 AR-1262-5	7.994	7.062	46849634	77972884	217.361	234.559
41)	L9 AR-1268-1	7.426	6.512	142.1E6	74237148	163.593	64.507 #

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 Acq On : 01 Apr 2025 11:45
 Operator : YP\AJ
 Sample : Q1676-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

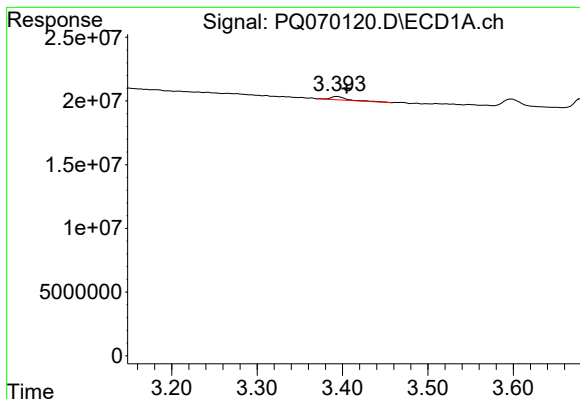
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 12:25:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031725CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.497	6.569	93178313	242.7E6	114.836	231.889 #
43) L9	AR-1268-3	7.681	6.774	4331646	5942244	6.416	6.296
44) L9	AR-1268-4	7.994	7.062	46849634	77972884	186.306	206.086
45) L9	AR-1268-5	8.277	7.329	16185005	28161276	8.741	10.403

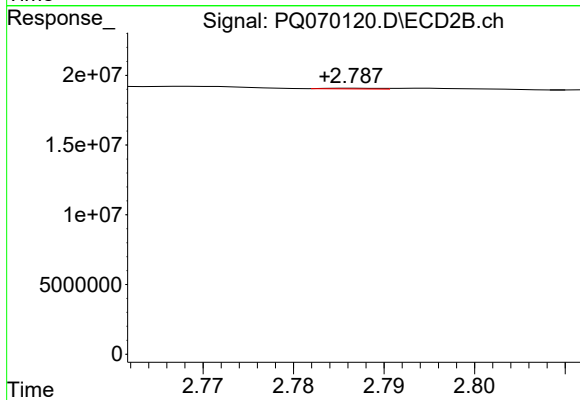
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

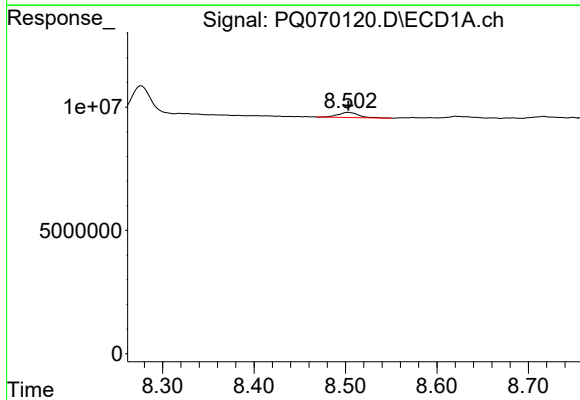
R.T.: 3.393 min
Delta R.T.: -0.012 min
Response: 3626232
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



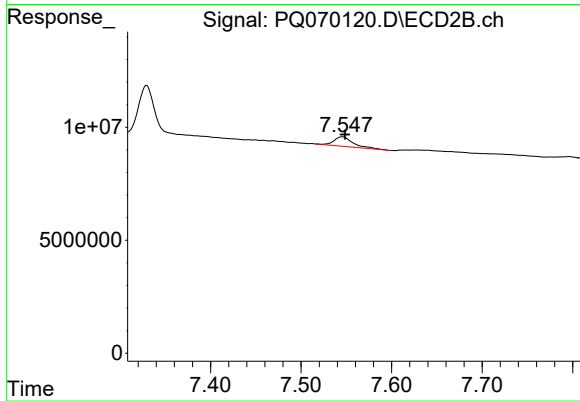
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.004 min
Response: 194155
Conc: 0.02 ng/ml



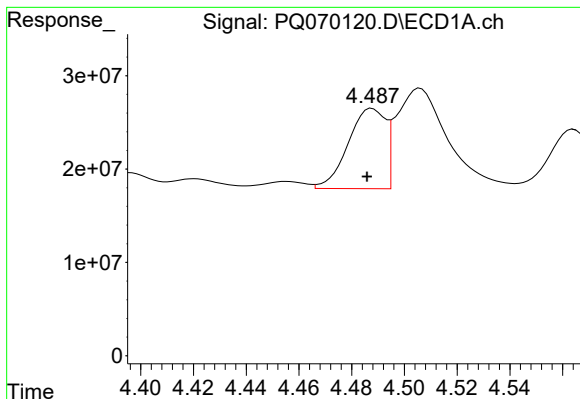
#2 Decachlorobiphenyl

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3280208
Conc: 0.86 ng/ml



#2 Decachlorobiphenyl

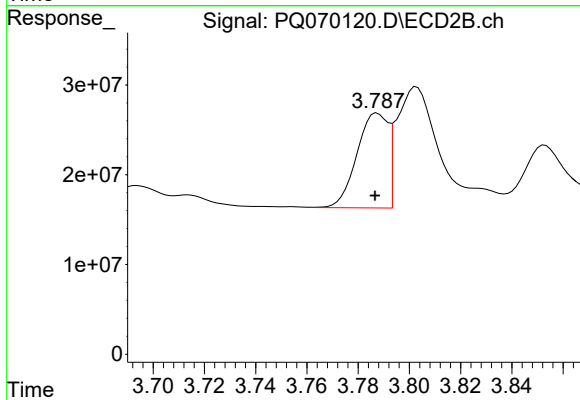
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 6082990
Conc: 1.04 ng/ml



#3 AR-1016-1

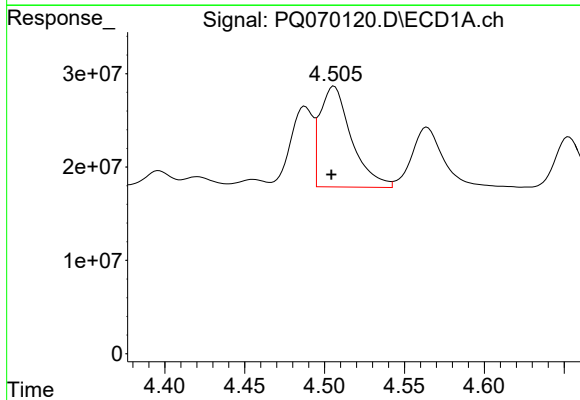
R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 84447610
Conc: 367.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



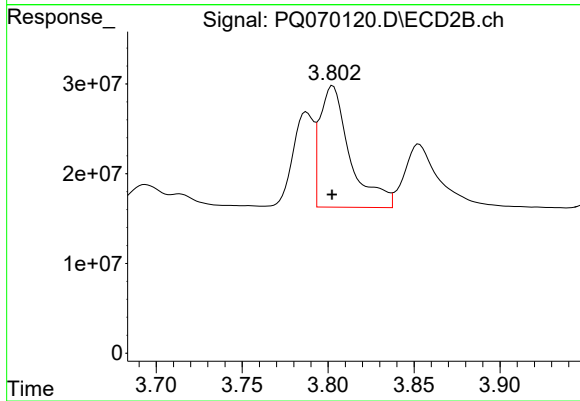
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 88874729
Conc: 397.50 ng/ml



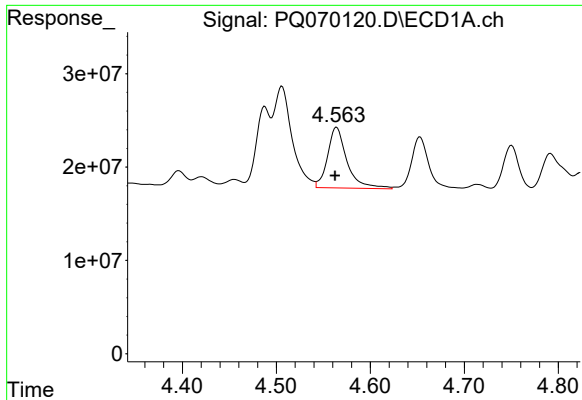
#4 AR-1016-2

R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 147988443
Conc: 382.31 ng/ml



#4 AR-1016-2

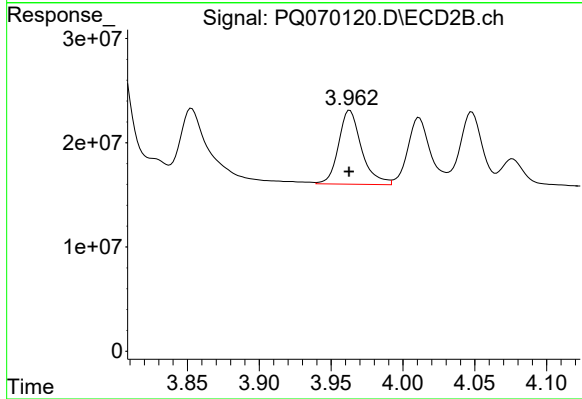
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 165392873
Conc: 453.13 ng/ml



#5 AR-1016-3

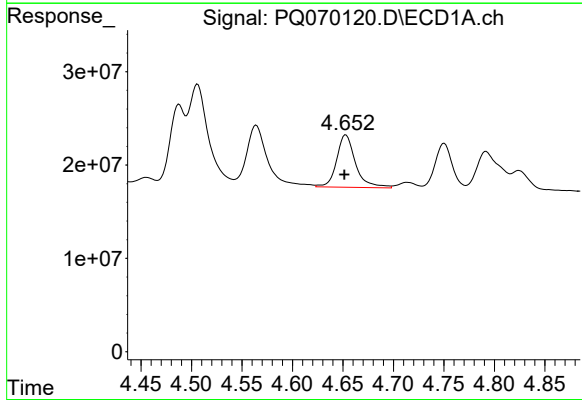
R.T.: 4.564 min
Delta R.T.: 0.002 min
Response: 93542834
Conc: 370.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



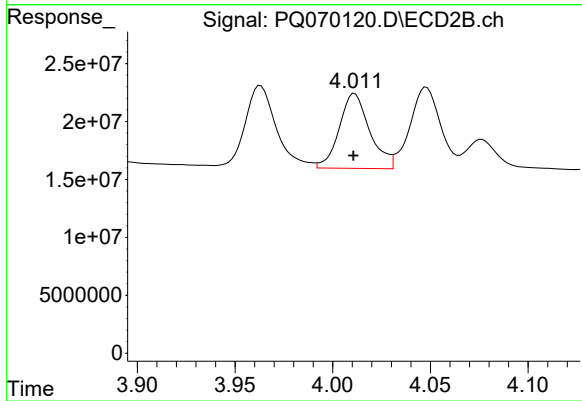
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 78768065
Conc: 381.17 ng/ml



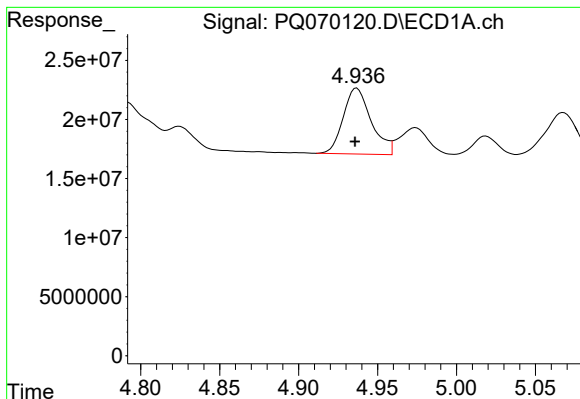
#6 AR-1016-4

R.T.: 4.653 min
Delta R.T.: 0.001 min
Response: 73173866
Conc: 366.32 ng/ml



#6 AR-1016-4

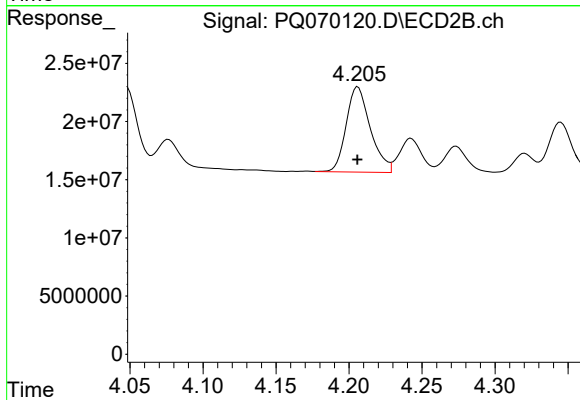
R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 70564032
Conc: 371.97 ng/ml



#7 AR-1016-5

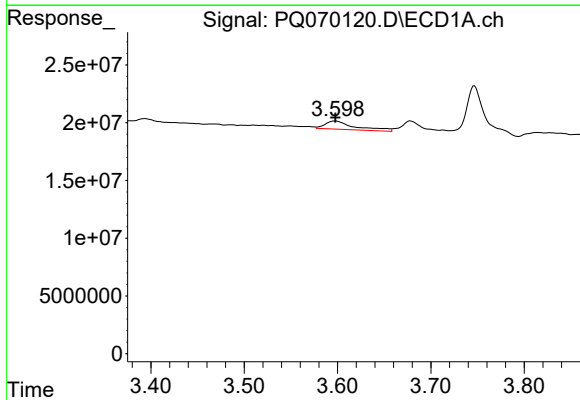
R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 68987307
Conc: 351.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



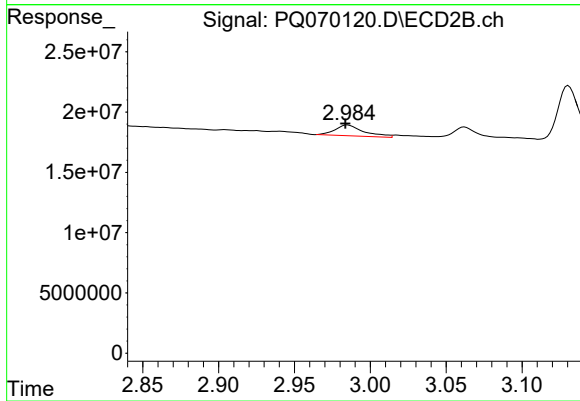
#7 AR-1016-5

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 84484608
Conc: 378.89 ng/ml



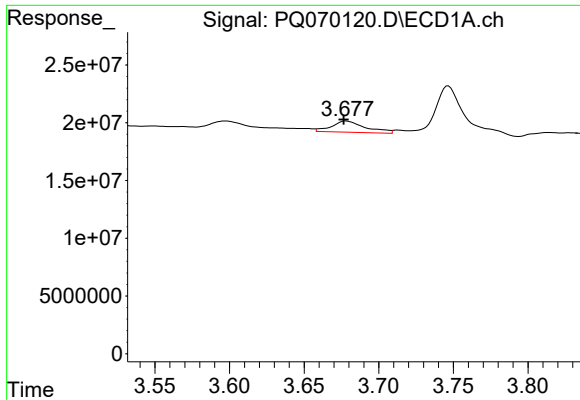
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 15912084
Conc: 160.57 ng/ml



#8 AR-1221-1

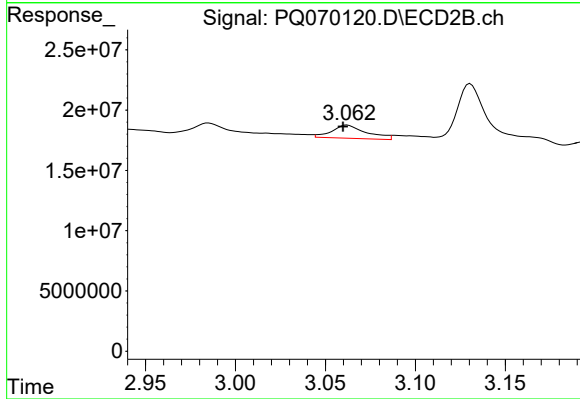
R.T.: 2.985 min
Delta R.T.: 0.001 min
Response: 11845639
Conc: 122.82 ng/ml



#9 AR-1221-2

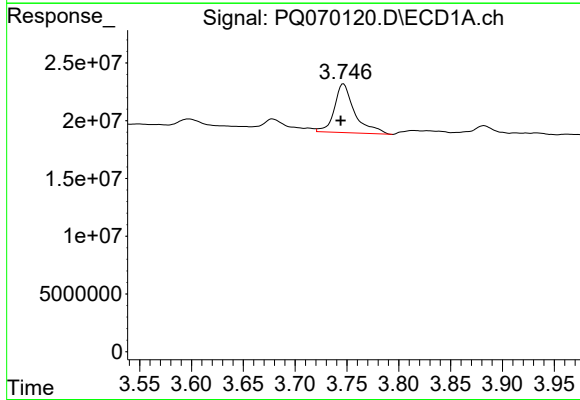
R.T.: 3.678 min
Delta R.T.: 0.002 min
Response: 15219523
Conc: 223.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



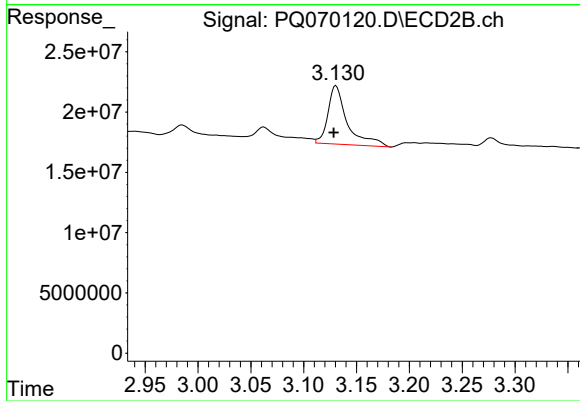
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: 0.002 min
Response: 14567109
Conc: 217.15 ng/ml



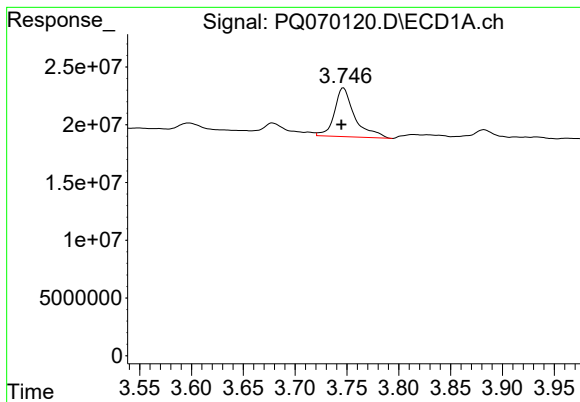
#10 AR-1221-3

R.T.: 3.747 min
Delta R.T.: 0.003 min
Response: 57572593
Conc: 262.41 ng/ml



#10 AR-1221-3

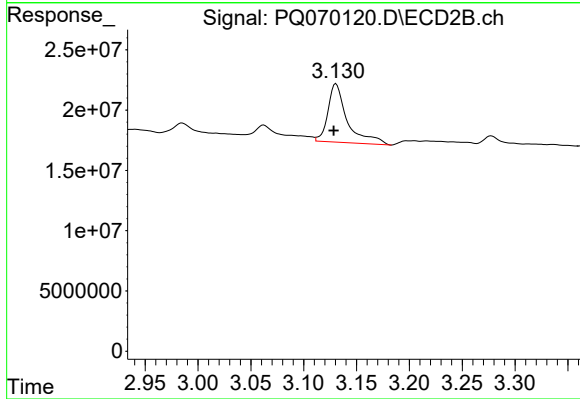
R.T.: 3.131 min
Delta R.T.: 0.002 min
Response: 61970740
Conc: 289.72 ng/ml



#11 AR-1232-1

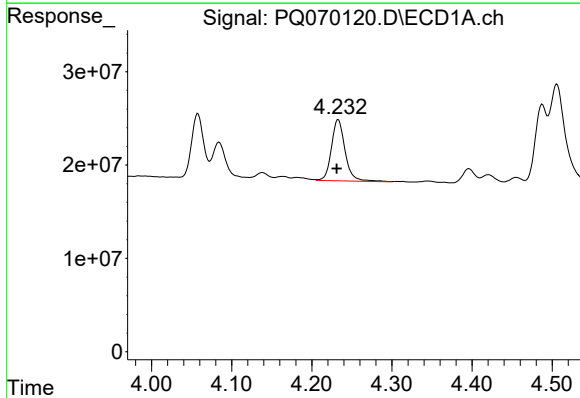
R.T.: 3.747 min
Delta R.T.: 0.002 min
Response: 57572593
Conc: 321.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



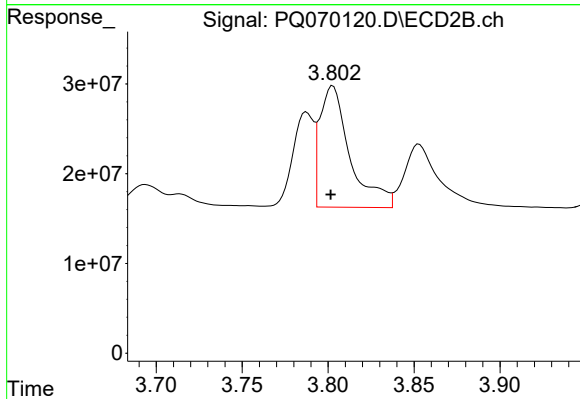
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.002 min
Response: 61970740
Conc: 345.72 ng/ml



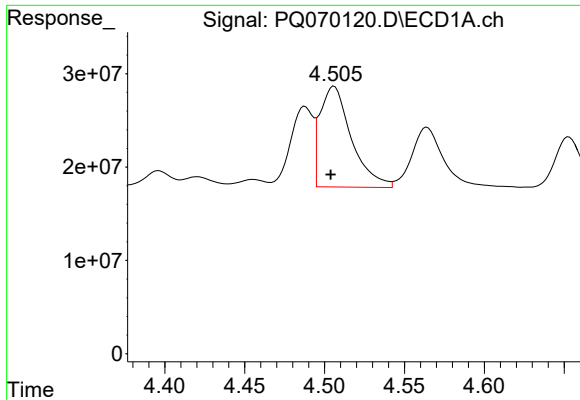
#12 AR-1232-2

R.T.: 4.233 min
Delta R.T.: 0.002 min
Response: 77627734
Conc: 755.73 ng/ml



#12 AR-1232-2

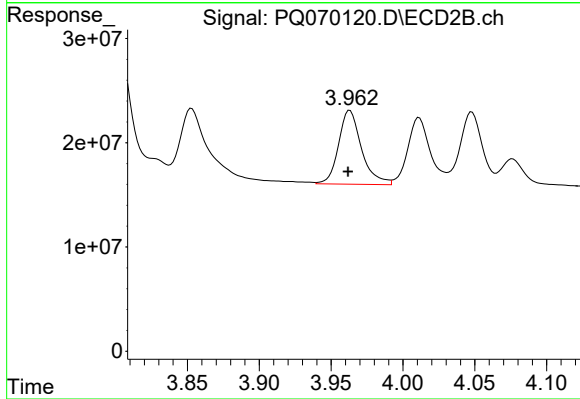
R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 165392873
Conc: 909.35 ng/ml



#13 AR-1232-3

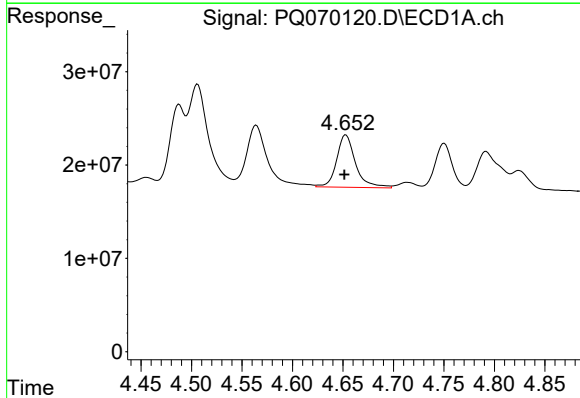
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 147988443
Conc: 786.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



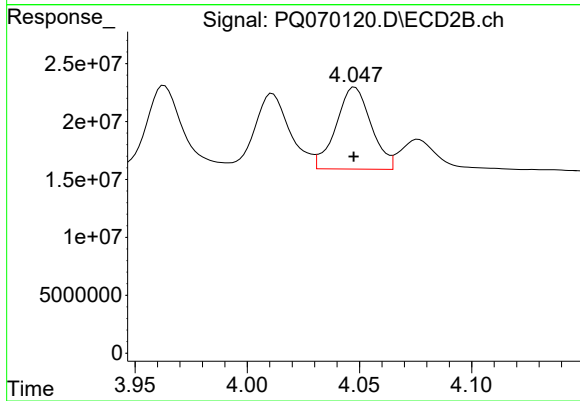
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: 0.001 min
Response: 78768065
Conc: 828.66 ng/ml



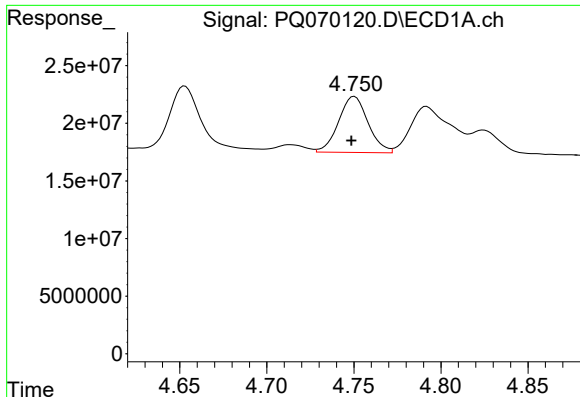
#14 AR-1232-4

R.T.: 4.653 min
Delta R.T.: 0.001 min
Response: 73173866
Conc: 759.80 ng/ml



#14 AR-1232-4

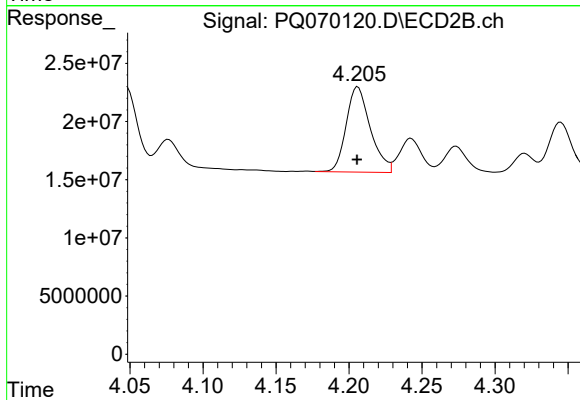
R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 76936237
Conc: 920.60 ng/ml



#15 AR-1232-5

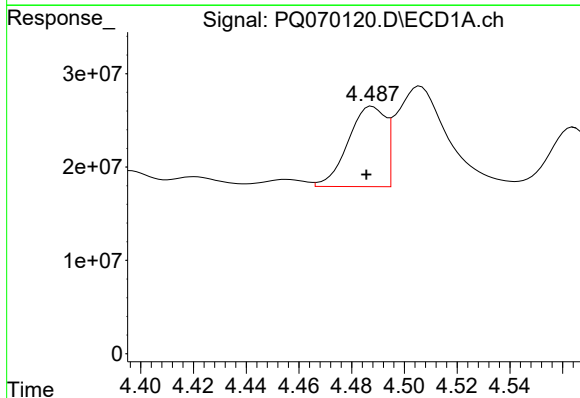
R.T.: 4.750 min
Delta R.T.: 0.002 min
Response: 57479438
Conc: 878.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



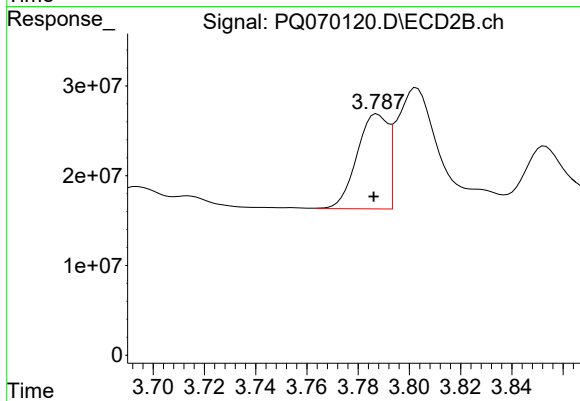
#15 AR-1232-5

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 84484608
Conc: 899.79 ng/ml



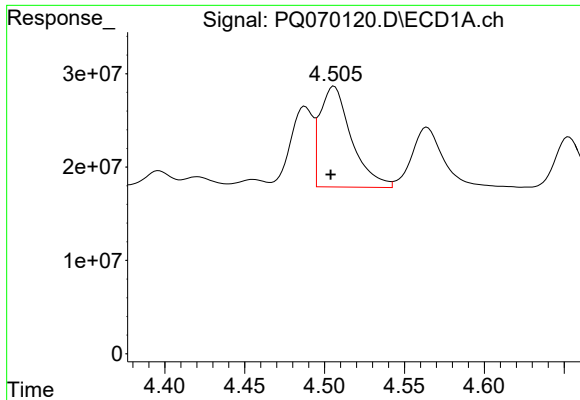
#16 AR-1242-1

R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 84447610
Conc: 411.38 ng/ml



#16 AR-1242-1

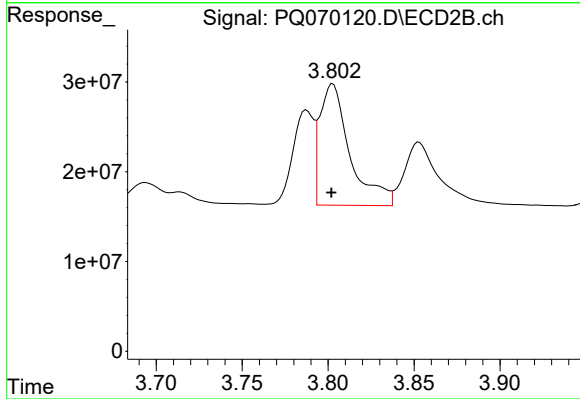
R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 88874729
Conc: 451.07 ng/ml



#17 AR-1242-2

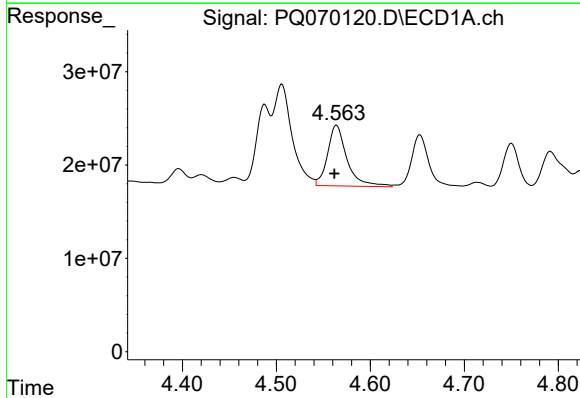
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 147988443
Conc: 442.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



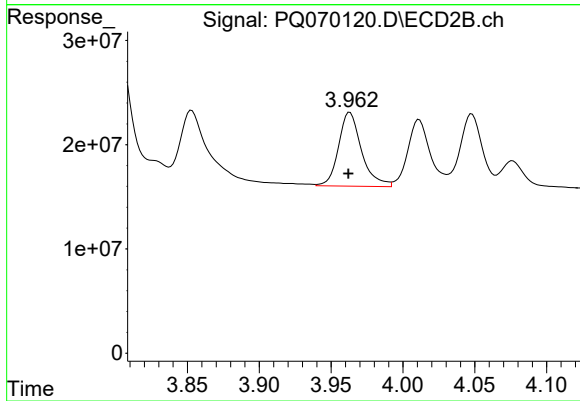
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 165392873
Conc: 536.91 ng/ml



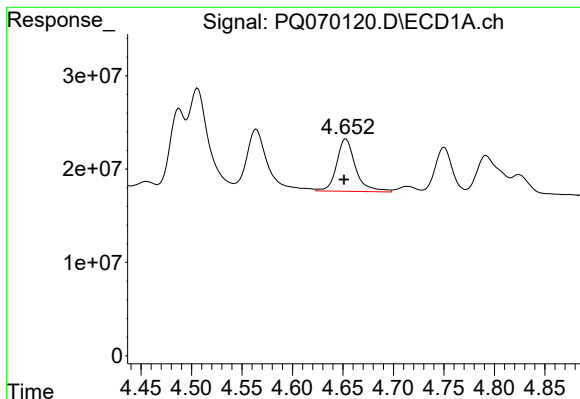
#18 AR-1242-3

R.T.: 4.564 min
Delta R.T.: 0.002 min
Response: 93542834
Conc: 436.27 ng/ml



#18 AR-1242-3

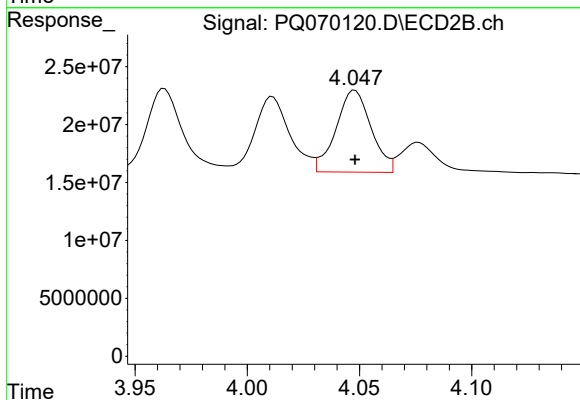
R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 78768065
Conc: 463.39 ng/ml



#19 AR-1242-4

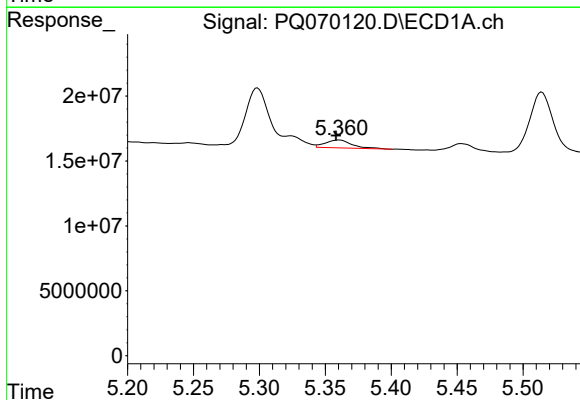
R.T.: 4.653 min
Delta R.T.: 0.002 min
Response: 73173866
Conc: 425.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



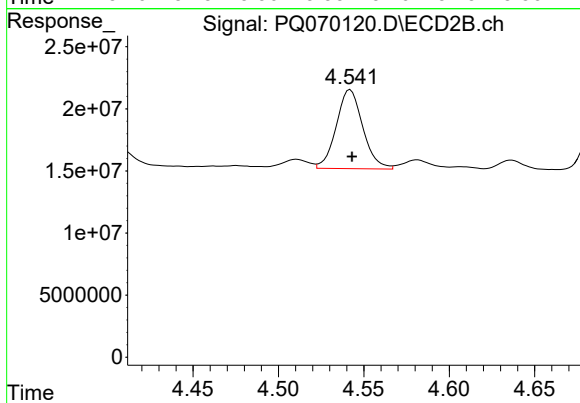
#19 AR-1242-4

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 76936237
Conc: 471.59 ng/ml



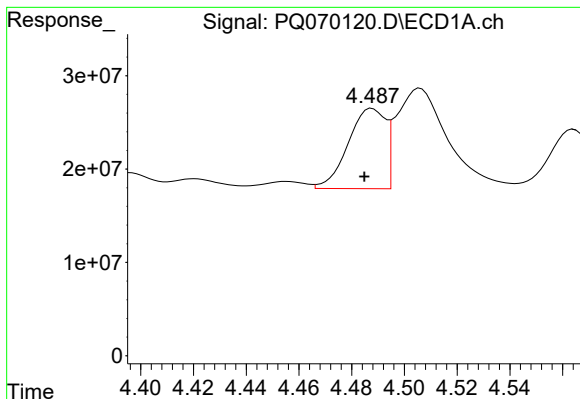
#20 AR-1242-5

R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 8062507
Conc: 52.41 ng/ml



#20 AR-1242-5

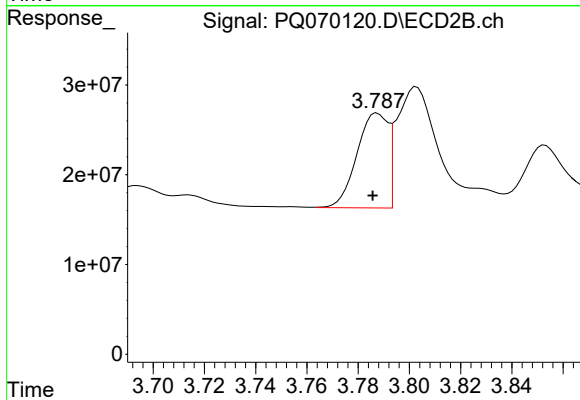
R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 68767535
Conc: 346.56 ng/ml



#21 AR-1248-1

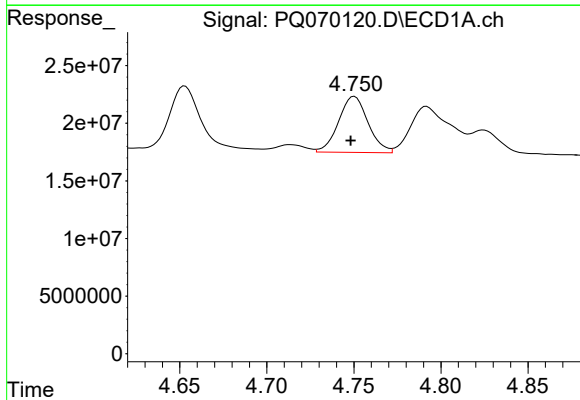
R.T.: 4.488 min
Delta R.T.: 0.003 min
Response: 84447610
Conc: 524.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



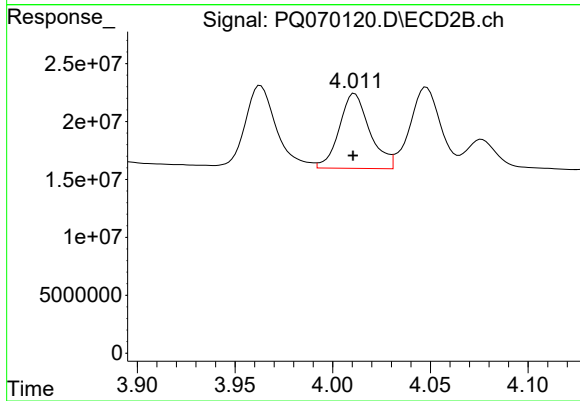
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 88874729
Conc: 572.78 ng/ml



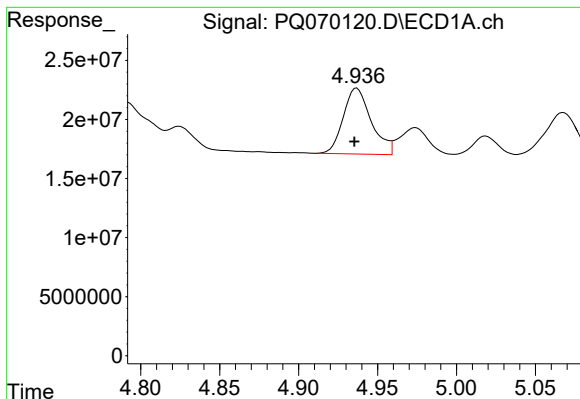
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: 0.002 min
Response: 57479438
Conc: 246.52 ng/ml



#22 AR-1248-2

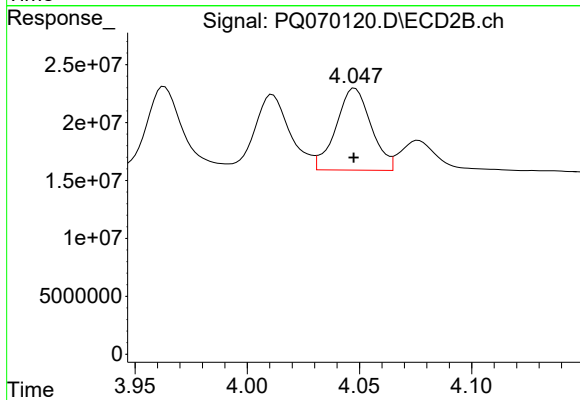
R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 70564032
Conc: 287.94 ng/ml



#23 AR-1248-3

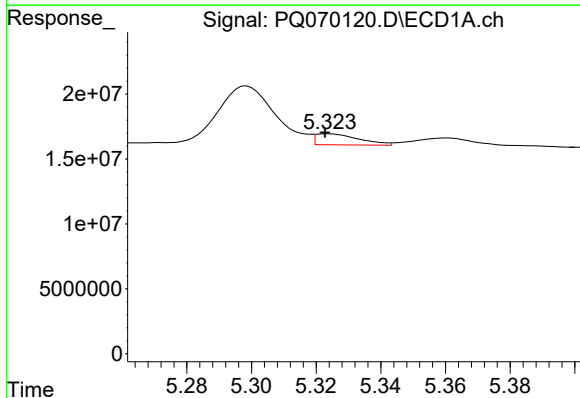
R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 68987307
Conc: 248.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



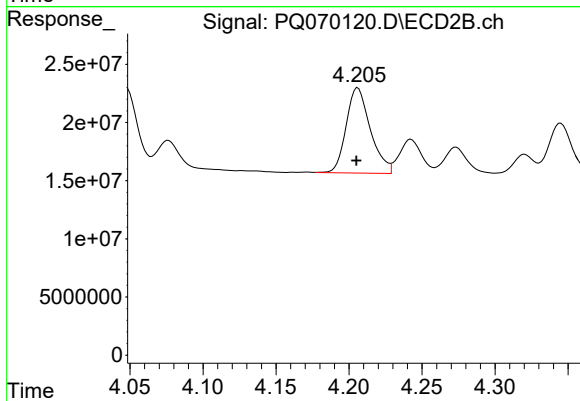
#23 AR-1248-3

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 76936237
Conc: 323.94 ng/ml



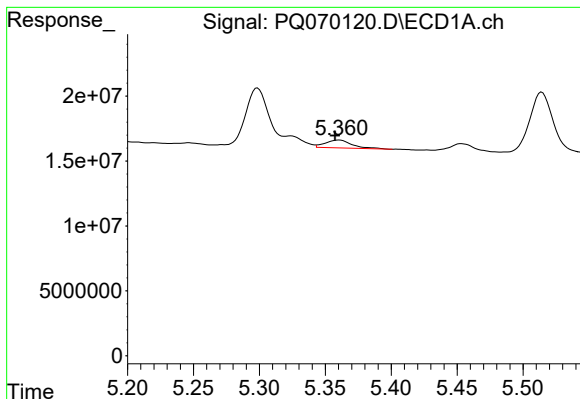
#24 AR-1248-4

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 7899483
Conc: 28.36 ng/ml



#24 AR-1248-4

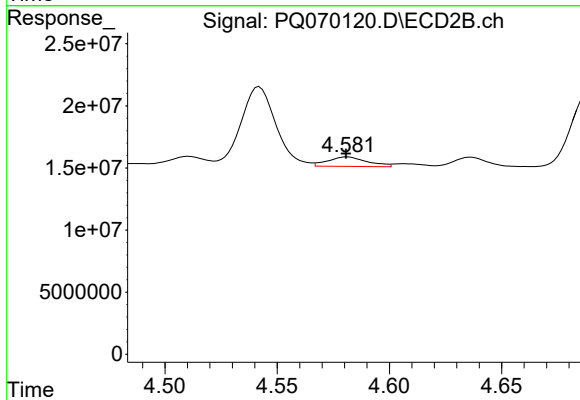
R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 84484608
Conc: 293.19 ng/ml



#25 AR-1248-5

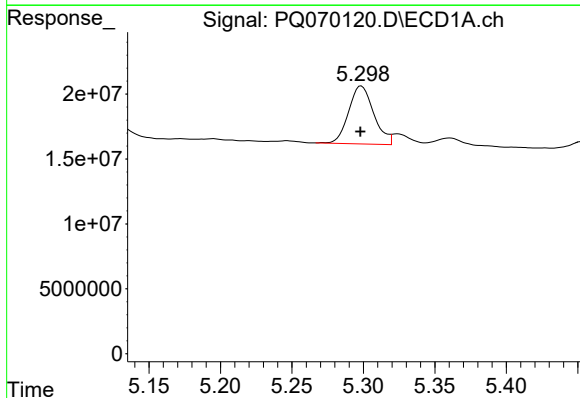
R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 8062507
Conc: 29.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



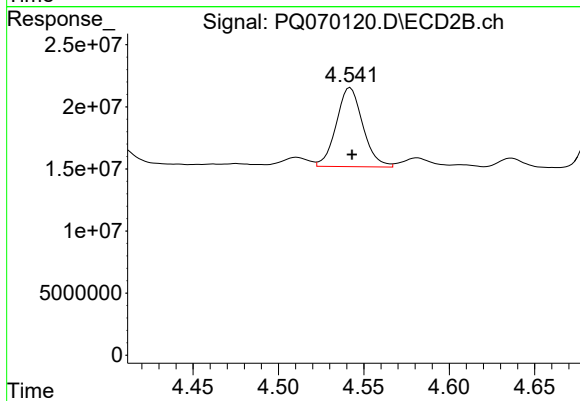
#25 AR-1248-5

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 9270658
Conc: 34.68 ng/ml



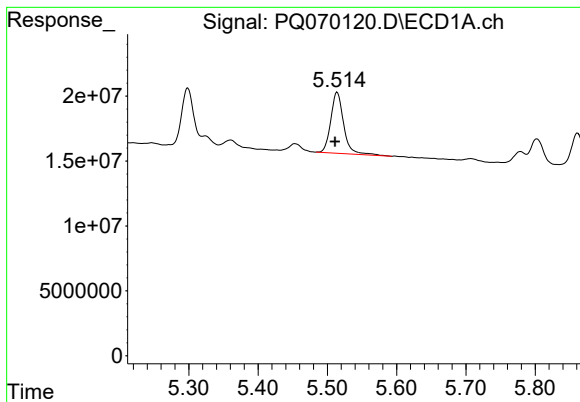
#26 AR-1254-1

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 54679700
Conc: 177.47 ng/ml



#26 AR-1254-1

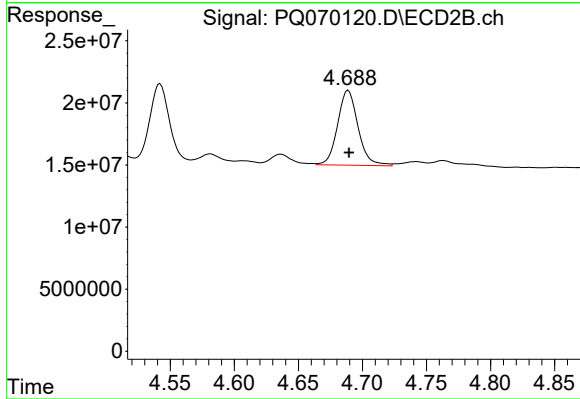
R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 68767535
Conc: 161.98 ng/ml



#27 AR-1254-2

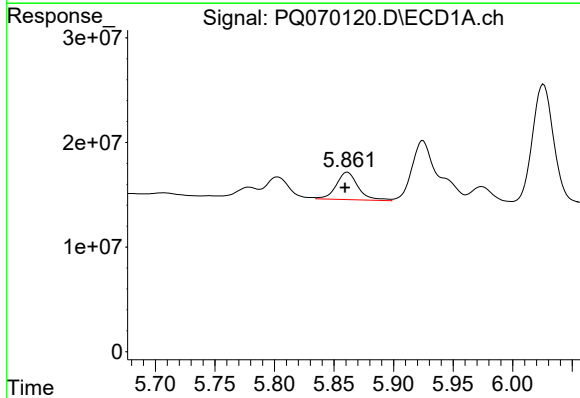
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 61298707
Conc: 130.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



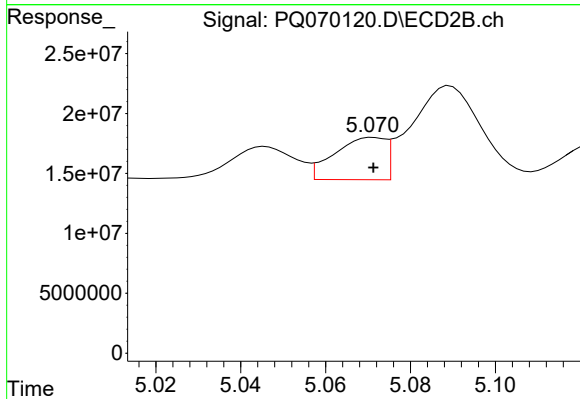
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 67086090
Conc: 178.06 ng/ml



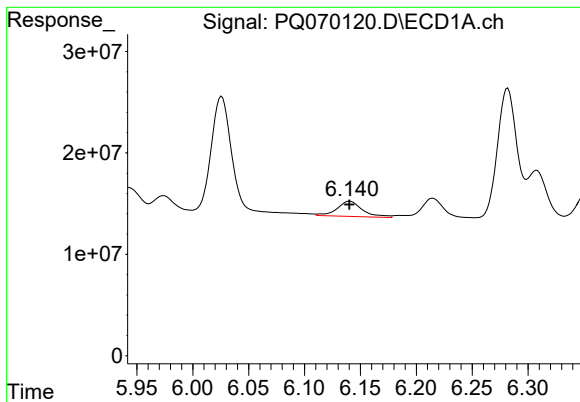
#28 AR-1254-3

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 33308285
Conc: 68.98 ng/ml



#28 AR-1254-3

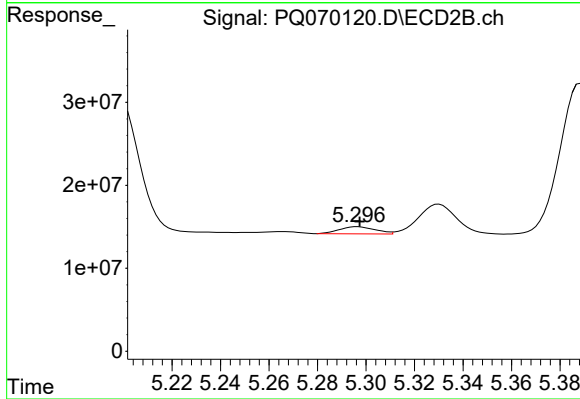
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 29376426
Conc: 50.36 ng/ml



#29 AR-1254-4

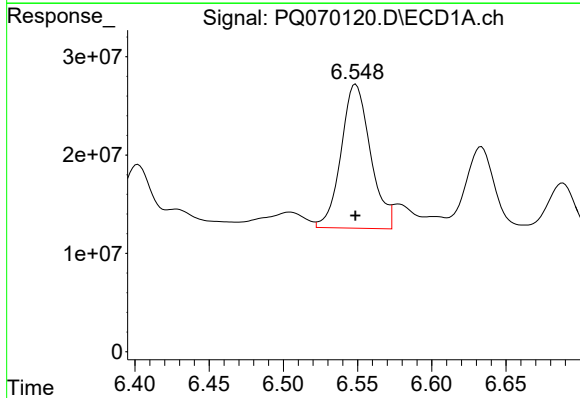
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 23788555
Conc: 75.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



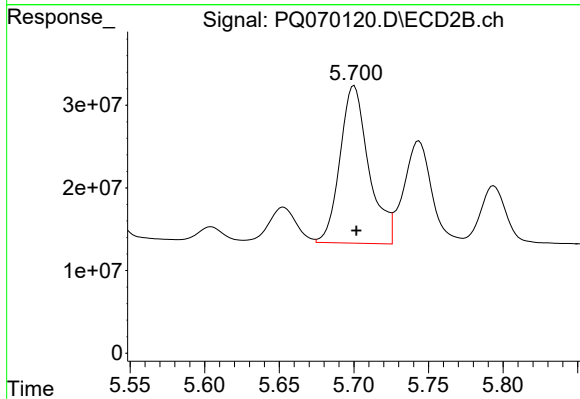
#29 AR-1254-4

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 8965565
Conc: 26.43 ng/ml



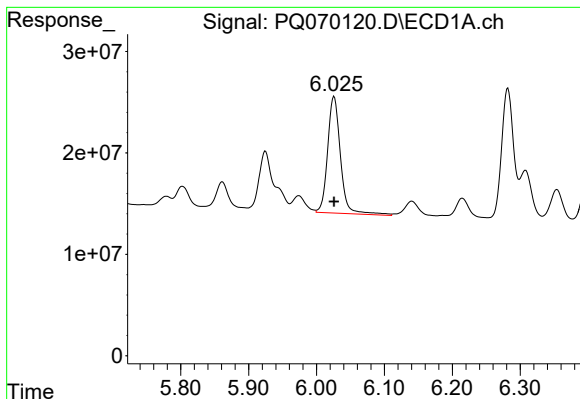
#30 AR-1254-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 201515723
Conc: 555.61 ng/ml



#30 AR-1254-5

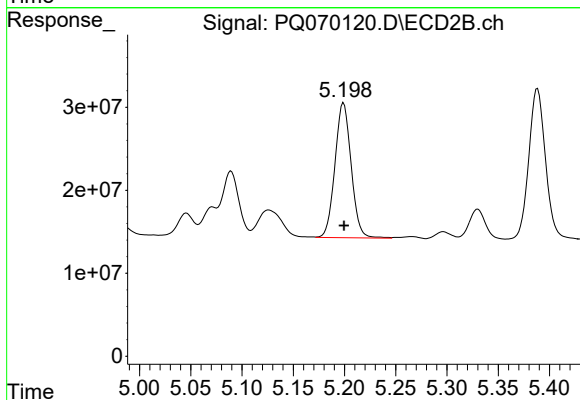
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 255901929
Conc: 488.27 ng/ml



#31 AR-1260-1

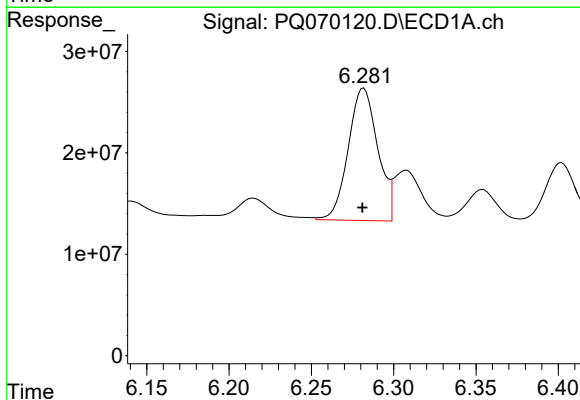
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 151750753
Conc: 442.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



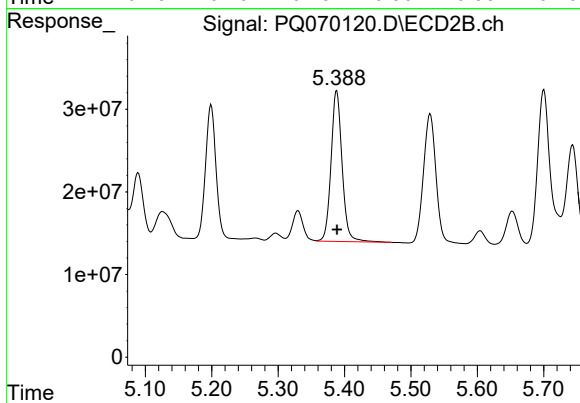
#31 AR-1260-1

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 178701235
Conc: 446.08 ng/ml



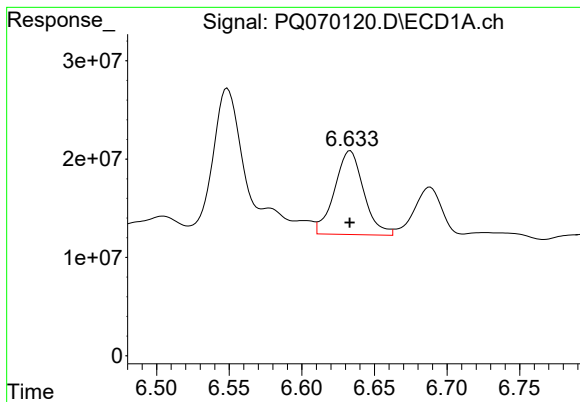
#32 AR-1260-2

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 162587136
Conc: 433.13 ng/ml



#32 AR-1260-2

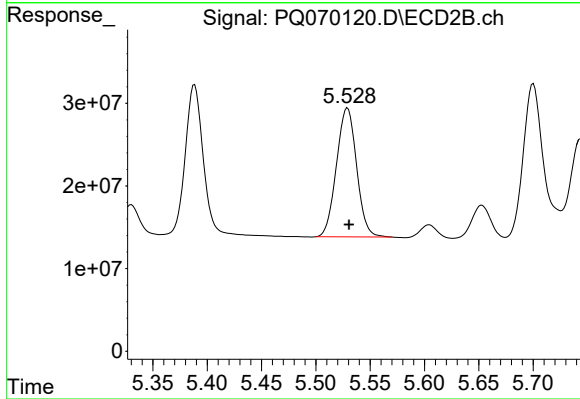
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 210848771
Conc: 451.64 ng/ml



#33 AR-1260-3

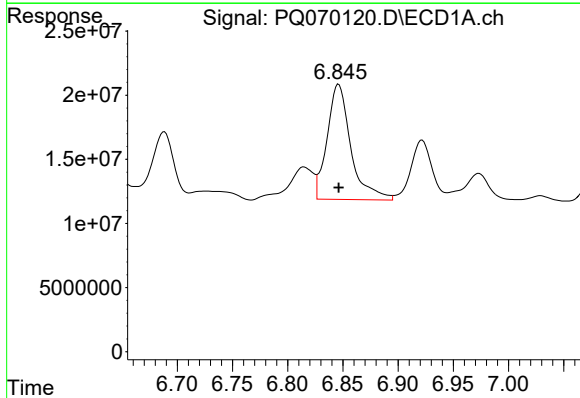
R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 119339613
Conc: 396.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



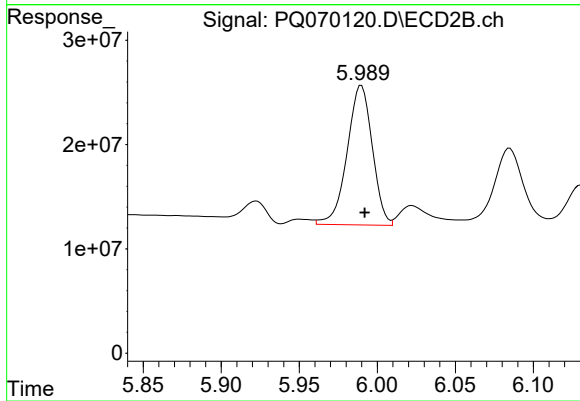
#33 AR-1260-3

R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 201352753
Conc: 452.65 ng/ml



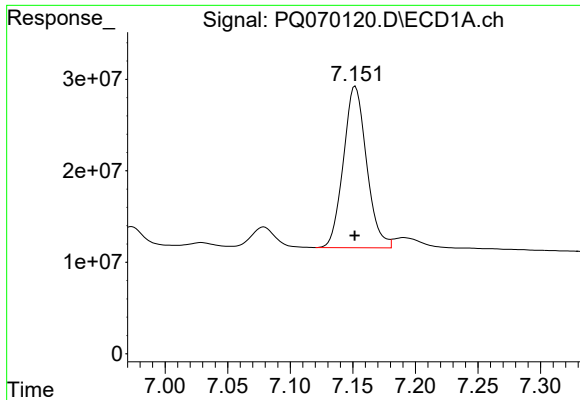
#34 AR-1260-4

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 134482744
Conc: 412.07 ng/ml



#34 AR-1260-4

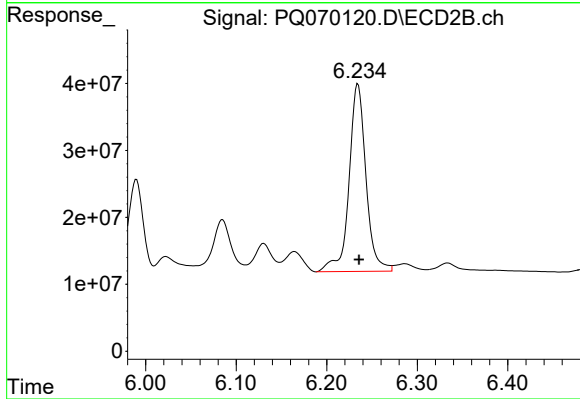
R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 150050122
Conc: 382.63 ng/ml



#35 AR-1260-5

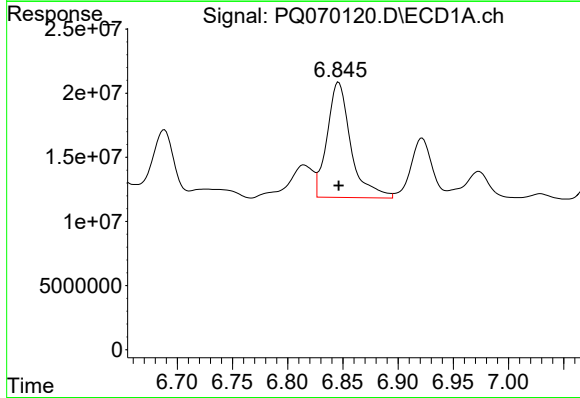
R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 228100413
Conc: 390.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



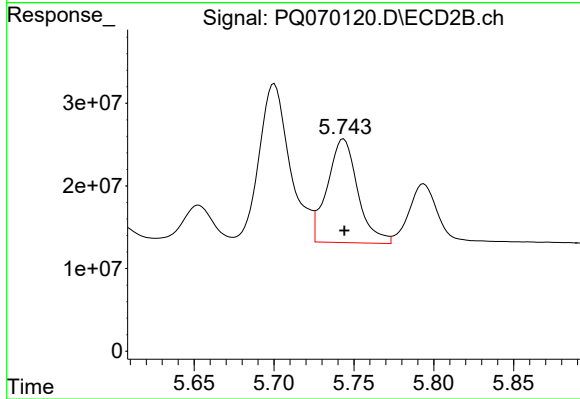
#35 AR-1260-5

R.T.: 6.234 min
Delta R.T.: -0.001 min
Response: 364498098
Conc: 439.78 ng/ml



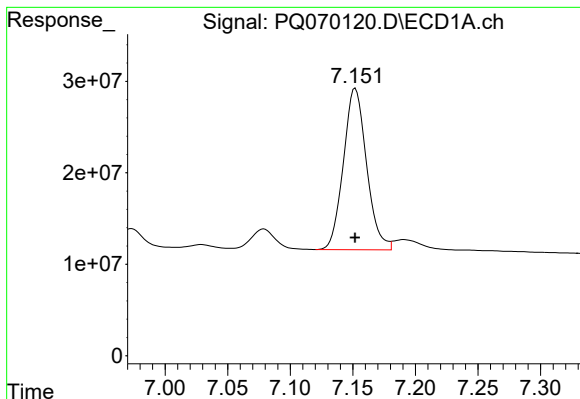
#36 AR-1262-1

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 134482744
Conc: 311.52 ng/ml



#36 AR-1262-1

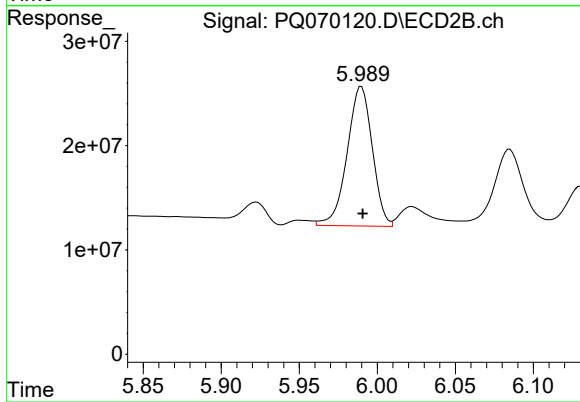
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 166506386
Conc: 290.50 ng/ml



#37 AR-1262-2

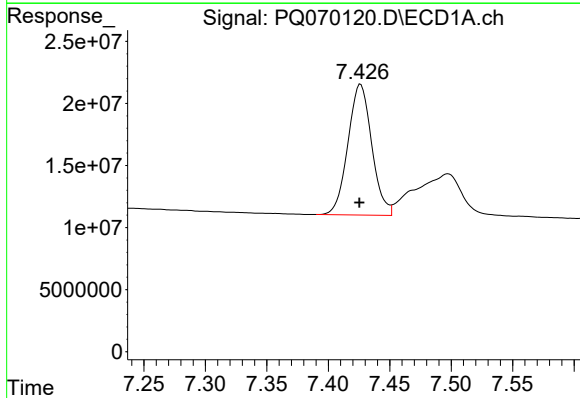
R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 228100413
Conc: 317.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



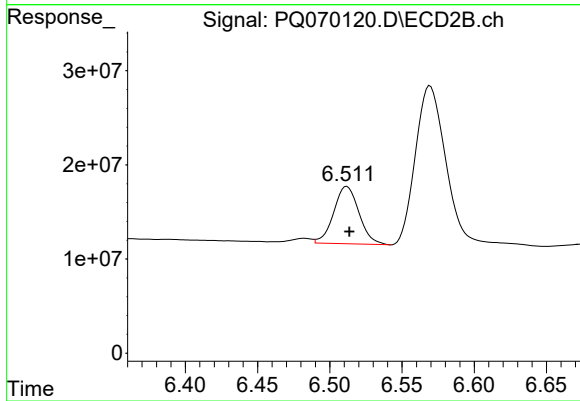
#37 AR-1262-2

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 150050122
Conc: 283.91 ng/ml



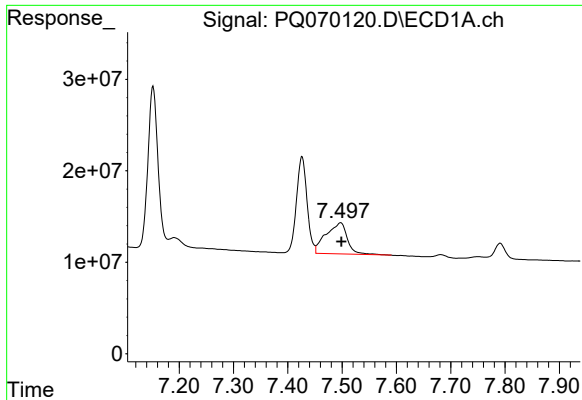
#38 AR-1262-3

R.T.: 7.426 min
Delta R.T.: 0.001 min
Response: 142097823
Conc: 295.94 ng/ml



#38 AR-1262-3

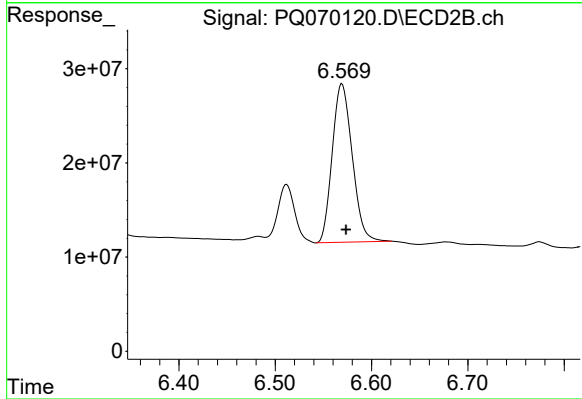
R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 74237148
Conc: 184.15 ng/ml



#39 AR-1262-4

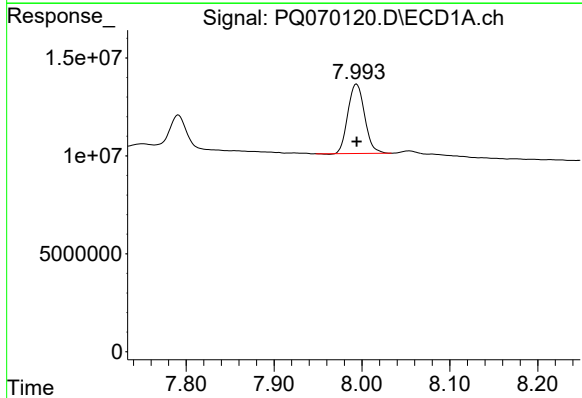
R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 93178313
Conc: 235.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



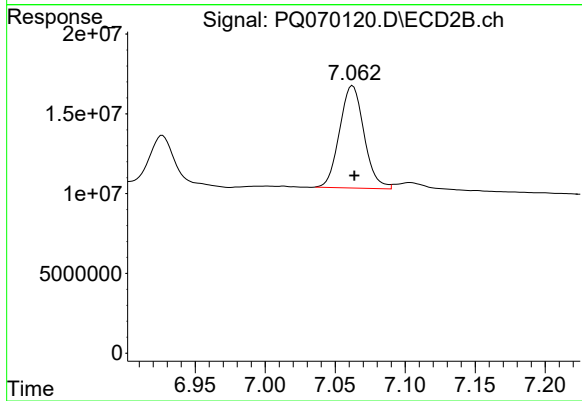
#39 AR-1262-4

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 242697727
Conc: 340.14 ng/ml



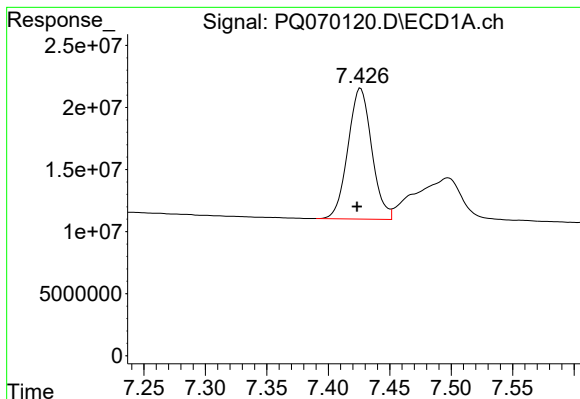
#40 AR-1262-5

R.T.: 7.994 min
Delta R.T.: 0.000 min
Response: 46849634
Conc: 217.36 ng/ml



#40 AR-1262-5

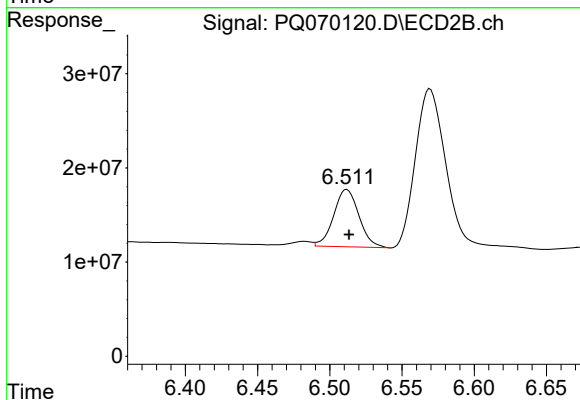
R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 77972884
Conc: 234.56 ng/ml



#41 AR-1268-1

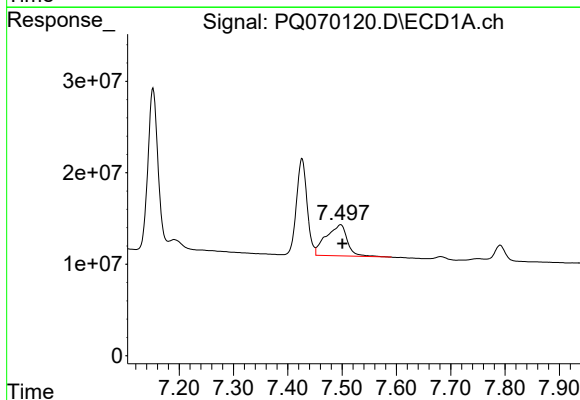
R.T.: 7.426 min
Delta R.T.: 0.003 min
Response: 142097823
Conc: 163.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



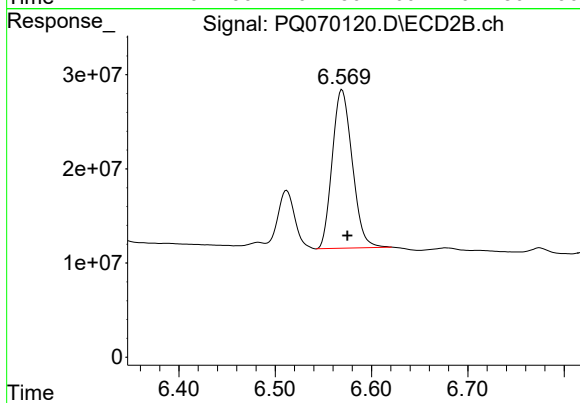
#41 AR-1268-1

R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 74237148
Conc: 64.51 ng/ml



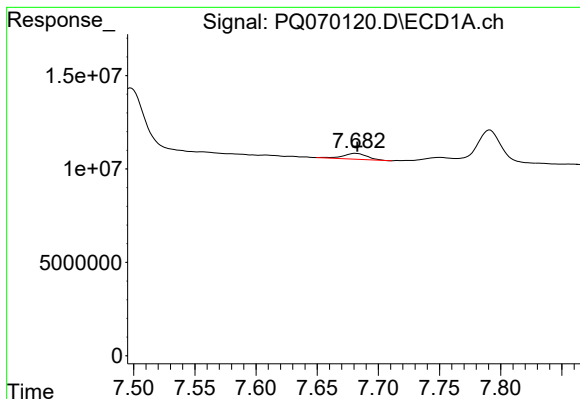
#42 AR-1268-2

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 93178313
Conc: 114.84 ng/ml



#42 AR-1268-2

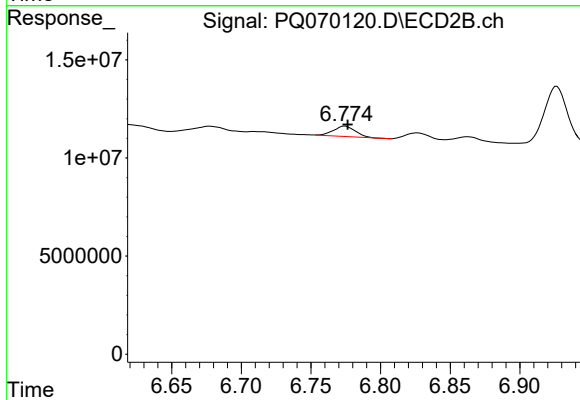
R.T.: 6.569 min
Delta R.T.: -0.006 min
Response: 242697727
Conc: 231.89 ng/ml



#43 AR-1268-3

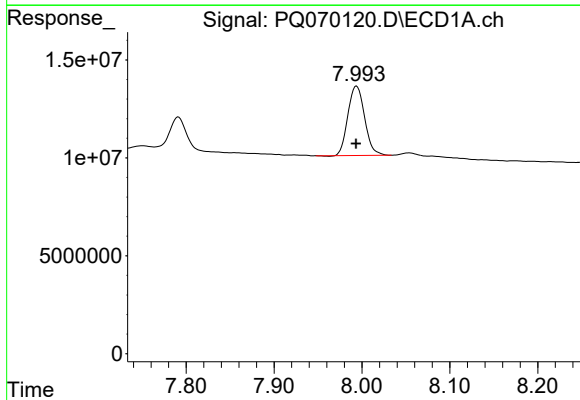
R.T.: 7.681 min
Delta R.T.: -0.002 min
Response: 4331646
Conc: 6.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



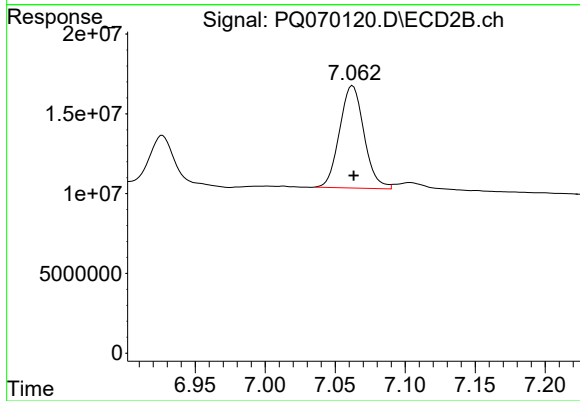
#43 AR-1268-3

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 5942244
Conc: 6.30 ng/ml



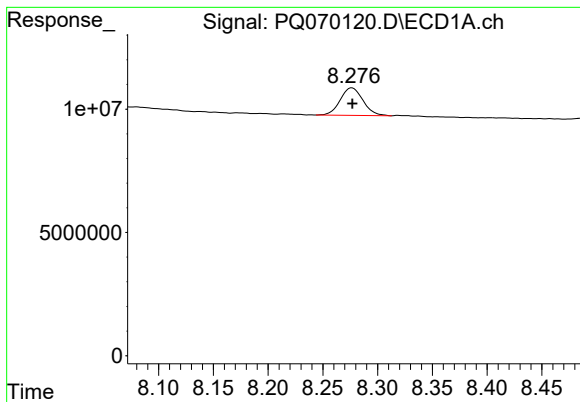
#44 AR-1268-4

R.T.: 7.994 min
Delta R.T.: 0.000 min
Response: 46849634
Conc: 186.31 ng/ml



#44 AR-1268-4

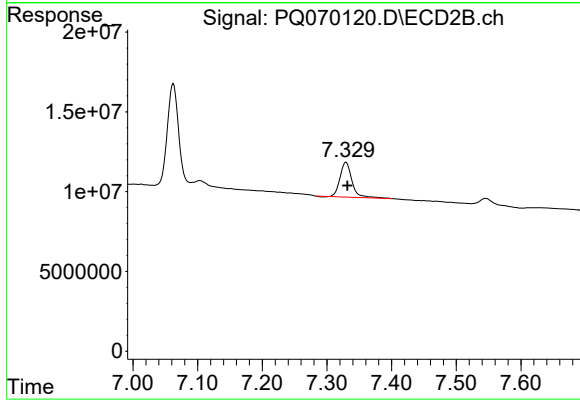
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 77972884
Conc: 206.09 ng/ml



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 16185005
Conc: 8.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 28161276
Conc: 10.40 ng/ml