

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070125\
 Data File : PQ070506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 12:32
 Operator : YP\AJ
 Sample : Q2450-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:48:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 26 02:49:53 2025
 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	2.781	78563123	77465386	12.833	11.471
2) SA Decachlor...	8.501	7.541	51061209	73867838	12.404	10.189
Target Compounds						
3) L1 AR-1016-1	4.483	3.781	96201958	94474822	512.535	454.901
4) L1 AR-1016-2	4.502	3.798	125.3E6	112.5E6	404.704	332.598
5) L1 AR-1016-3	4.559	3.959	127.1E6	87508492	631.501	466.331 #
6) L1 AR-1016-4	4.649	4.005	108.0E6	49767669	682.304	283.695 #
7) L1 AR-1016-5	4.934	4.202	61690897	76547477	379.325	379.253
8) L2 AR-1221-1	3.593	2.978	15028426	8746077	175.283	85.546 #
9) L2 AR-1221-2	3.675	3.057	18343494	33768170	283.817	428.089 #
10) L2 AR-1221-3	3.742	3.125	60936567	55779224	314.184	246.084
11) L3 AR-1232-1	3.742	3.125	60936567	55779224	430.638	334.632
12) L3 AR-1232-2	4.226	3.798	50408901	112.5E6	622.071	705.030
13) L3 AR-1232-3	4.502	3.959	125.3E6	87508492	878.264	995.631
14) L3 AR-1232-4	4.649	4.043	108.0E6	74999224	1501.998	972.151 #
15) L3 AR-1232-5	4.788	4.202	107.3E6	76547477	1796.020	914.082 #
16) L4 AR-1242-1	4.483	3.781	96201958	94474822	621.623	538.510
17) L4 AR-1242-2	4.502	3.798	125.3E6	112.5E6	477.082	403.997
18) L4 AR-1242-3	4.559	3.959	127.1E6	87508492	747.889	556.798 #
19) L4 AR-1242-4	4.649	4.043	108.0E6	74999224	800.264	492.492 #
20) L4 AR-1242-5	5.356	4.536	16053729	79871020	119.366	437.718 #
21) L5 AR-1248-1	4.483	3.781	96201958	94474822	776.778	672.137
22) L5 AR-1248-2	4.749	4.005	45855493	49767669	248.556	213.187
23) L5 AR-1248-3	4.934	4.043	61690897	74999224	279.364	333.148
24) L5 AR-1248-4	5.321	4.202	17354960	76547477	78.204	280.717 #
25) L5 AR-1248-5	5.356	4.575	16053729	40381822	69.463	161.248 #
26) L6 AR-1254-1	5.298	4.536	37472126	79871020	151.479	197.148 #
27) L6 AR-1254-2	5.512	4.683	33941153	73203540	90.361	202.705 #
28) L6 AR-1254-3	5.859	5.085	74862294	94738108	192.809	167.519
29) L6 AR-1254-4	6.138	5.292	23965510	17409259	96.274	57.076 #
30) L6 AR-1254-5	6.546	5.695	157.4E6	155.1E6	529.849	301.378 #
31) L7 AR-1260-1	6.024	5.195	97138386	119.0E6	336.170	311.640
32) L7 AR-1260-2	6.279	5.383	131.3E6	140.0E6	411.823	319.593
33) L7 AR-1260-3	6.631	5.525	63595663	102.0E6	244.900	236.451
34) L7 AR-1260-4	6.844	5.986	78162095	77221736	286.868	210.431 #
35) L7 AR-1260-5	7.150	6.230	164.6E6	167.1E6	330.450	201.042 #
36) L8 AR-1262-1	6.844	5.739	78162095	82528628	221.973	150.823 #
37) L8 AR-1262-2	7.150	5.986	164.6E6	77221736	290.643	151.845 #
38) L8 AR-1262-3	7.424	6.507	91498187	28193334	234.878	71.811 #
39) L8 AR-1262-4	7.496	6.564	53431859	118.2E6	166.989	168.657
40) L8 AR-1262-5	7.992	7.058	32864959	44075726	175.432	138.988
41) L9 AR-1268-1	7.424	6.507	91498187	28193334	126.966	24.327 #

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 Acq On : 01 Jul 2025 12:32
 Operator : YP\AJ
 Sample : Q2450-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

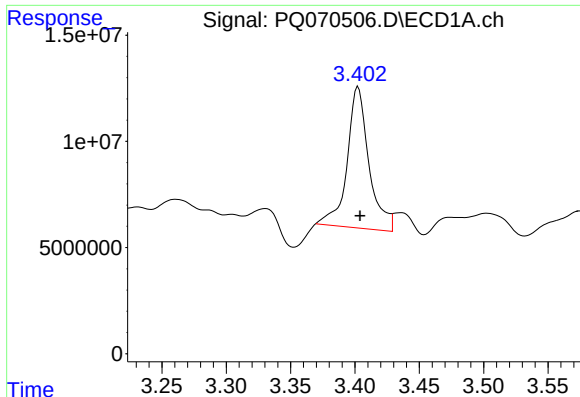
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:48:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 26 02:49:53 2025
 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
42) L9	AR-1268-2	7.496	6.564	53431859	118.2E6	80.439	110.190 #
43) L9	AR-1268-3	7.680	6.769	1382075	13577851	2.437	14.224 #
44) L9	AR-1268-4	7.992	7.058	32864959	44075726	159.311	117.183 #
45) L9	AR-1268-5	8.275	7.325	14410731	15794630	9.001	6.010 #

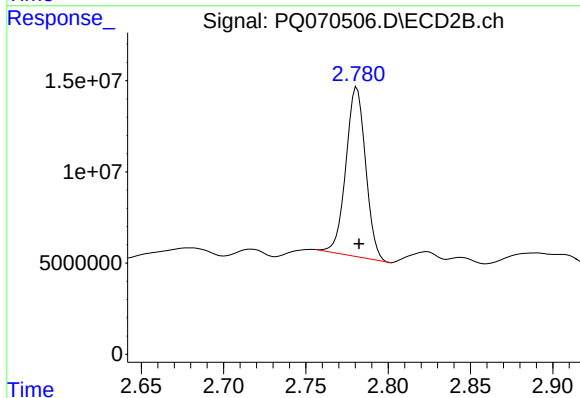
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

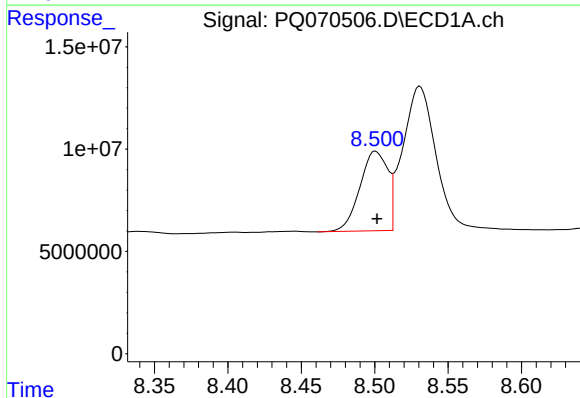
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 78563123
Conc: 12.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



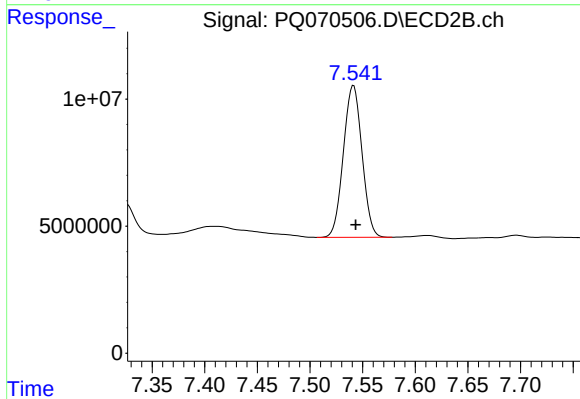
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 77465386
Conc: 11.47 ng/ml



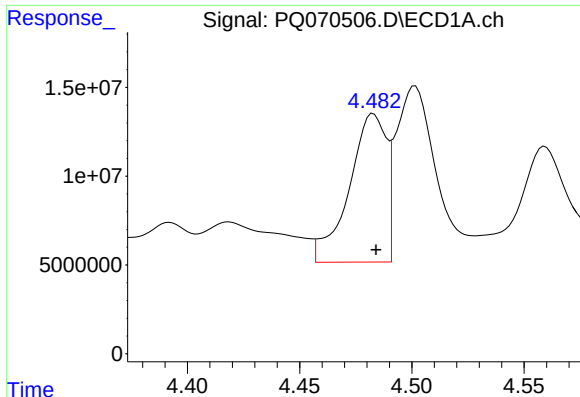
#2 Decachlorobiphenyl

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 51061209
Conc: 12.40 ng/ml



#2 Decachlorobiphenyl

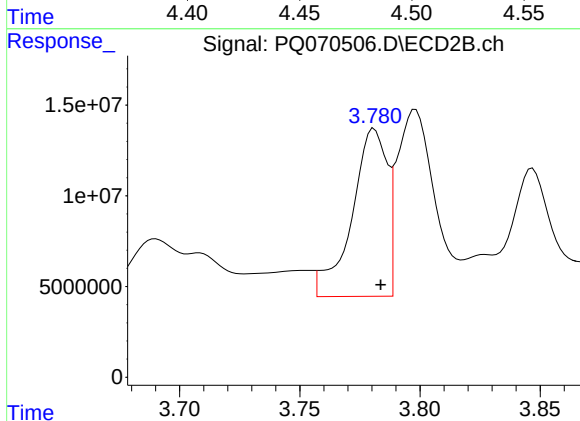
R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 73867838
Conc: 10.19 ng/ml



#3 AR-1016-1

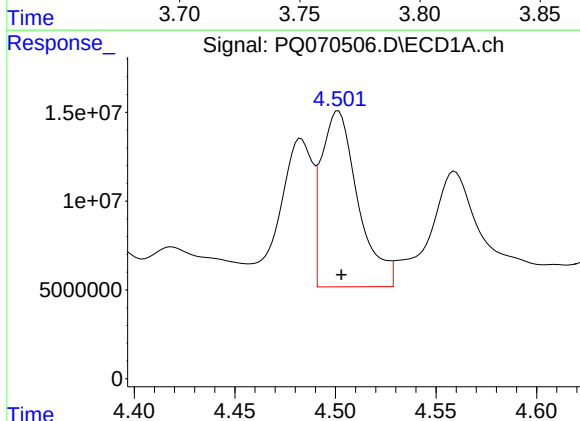
R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 96201958
Conc: 512.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



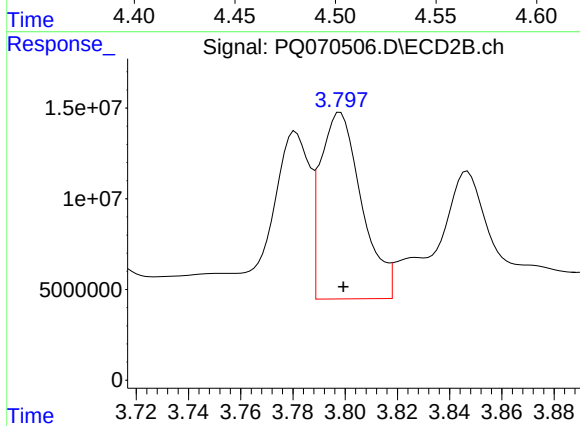
#3 AR-1016-1

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 94474822
Conc: 454.90 ng/ml



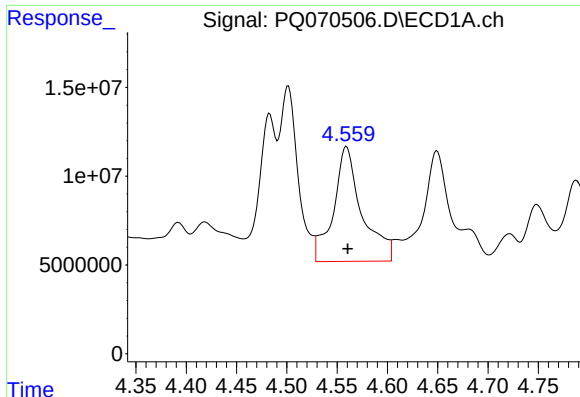
#4 AR-1016-2

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 125323881
Conc: 404.70 ng/ml



#4 AR-1016-2

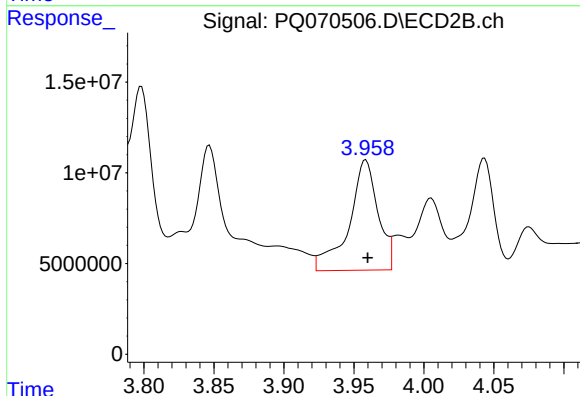
R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 112497072
Conc: 332.60 ng/ml



#5 AR-1016-3

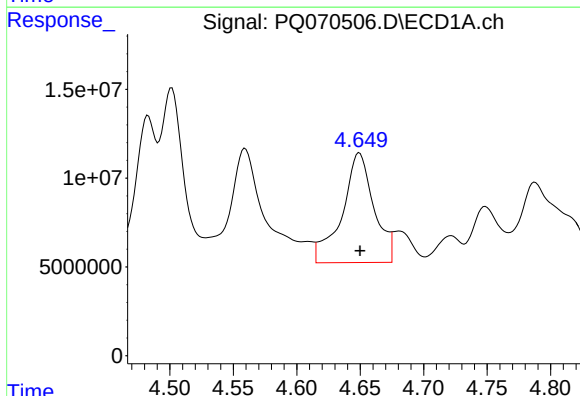
R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 127057859
Conc: 631.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



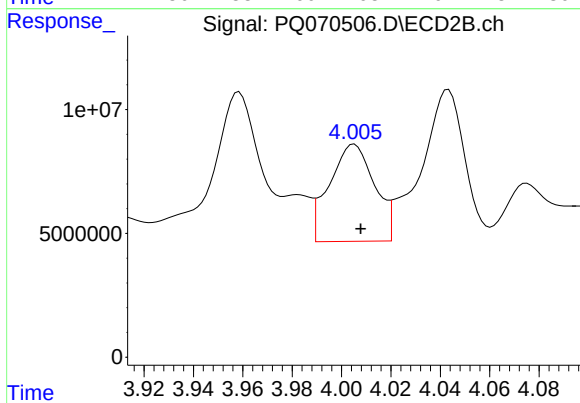
#5 AR-1016-3

R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 87508492
Conc: 466.33 ng/ml



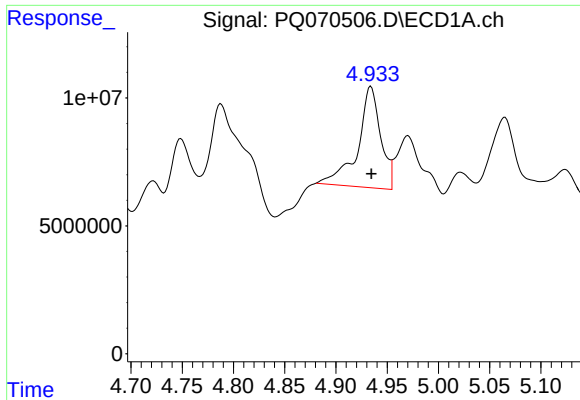
#6 AR-1016-4

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 107998375
Conc: 682.30 ng/ml



#6 AR-1016-4

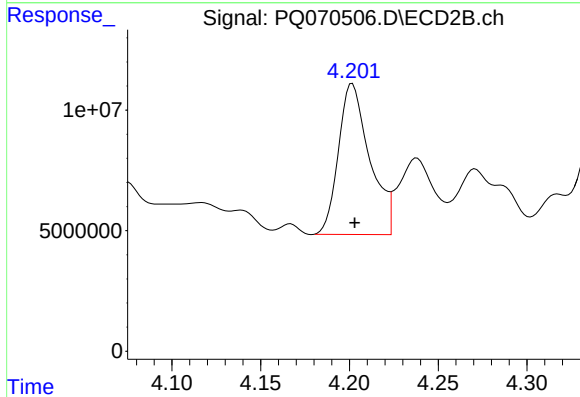
R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 49767669
Conc: 283.70 ng/ml



#7 AR-1016-5

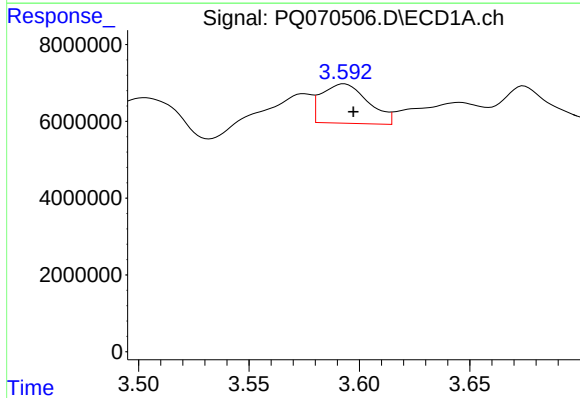
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 61690897
Conc: 379.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



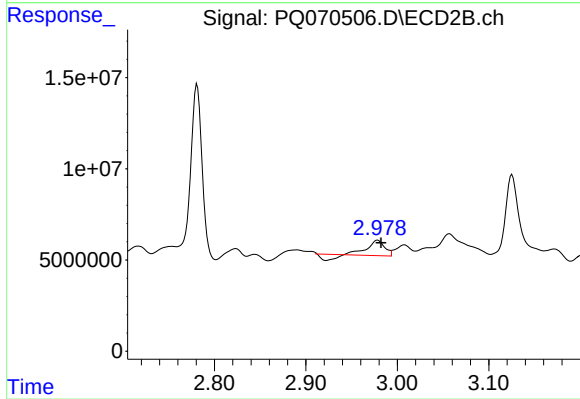
#7 AR-1016-5

R.T.: 4.202 min
Delta R.T.: -0.001 min
Response: 76547477
Conc: 379.25 ng/ml



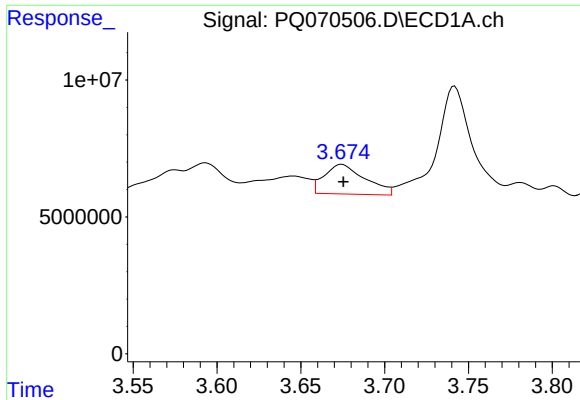
#8 AR-1221-1

R.T.: 3.593 min
Delta R.T.: -0.004 min
Response: 15028426
Conc: 175.28 ng/ml



#8 AR-1221-1

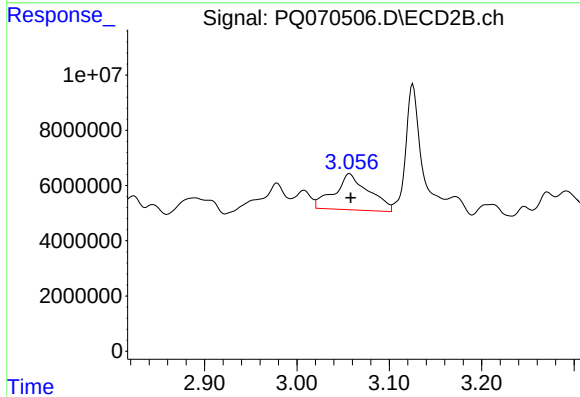
R.T.: 2.978 min
Delta R.T.: -0.004 min
Response: 8746077
Conc: 85.55 ng/ml



#9 AR-1221-2

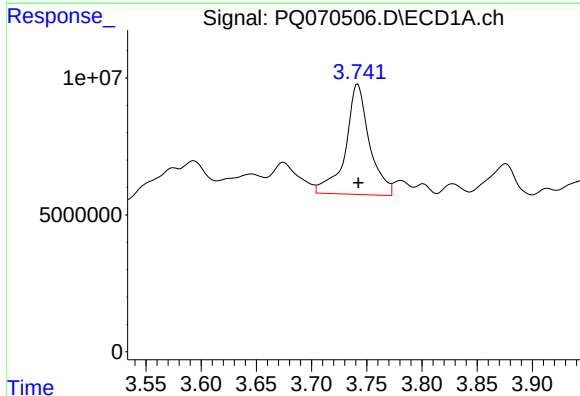
R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 18343494
Conc: 283.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



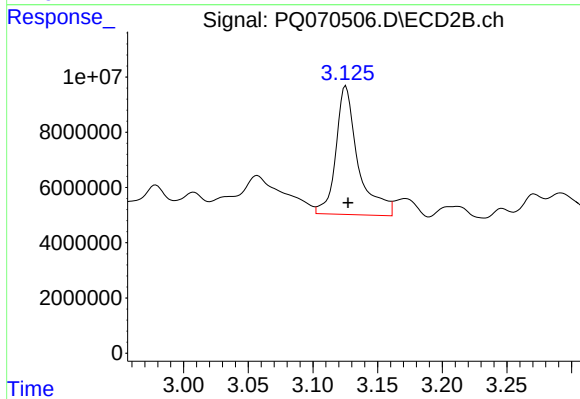
#9 AR-1221-2

R.T.: 3.057 min
Delta R.T.: -0.001 min
Response: 33768170
Conc: 428.09 ng/ml



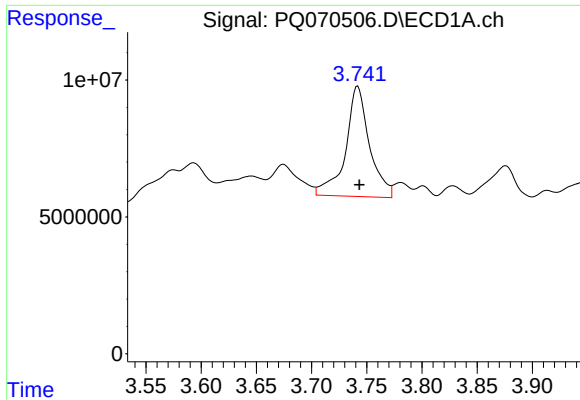
#10 AR-1221-3

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 60936567
Conc: 314.18 ng/ml



#10 AR-1221-3

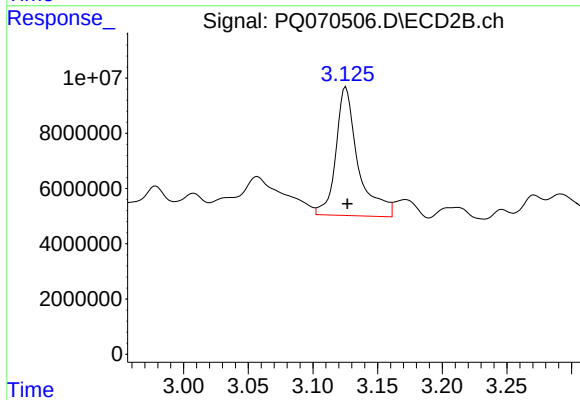
R.T.: 3.125 min
Delta R.T.: -0.002 min
Response: 55779224
Conc: 246.08 ng/ml



#11 AR-1232-1

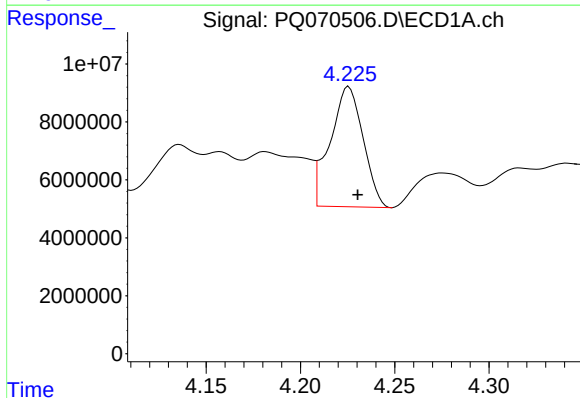
R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 60936567
Conc: 430.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



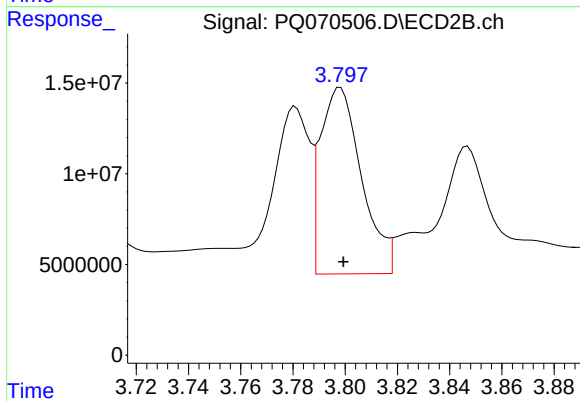
#11 AR-1232-1

R.T.: 3.125 min
Delta R.T.: -0.001 min
Response: 55779224
Conc: 334.63 ng/ml



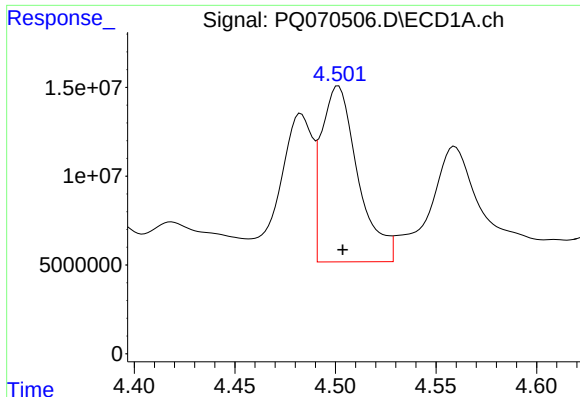
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: -0.005 min
Response: 50408901
Conc: 622.07 ng/ml



#12 AR-1232-2

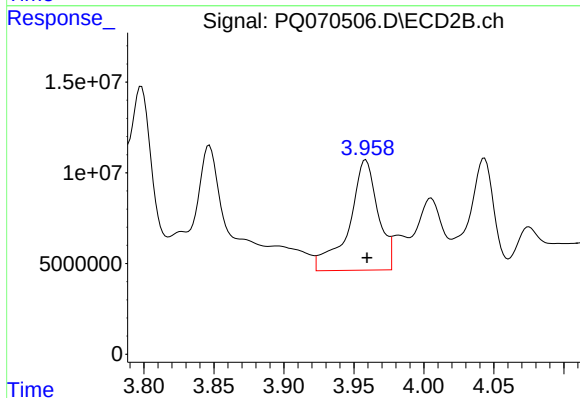
R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 112497072
Conc: 705.03 ng/ml



#13 AR-1232-3

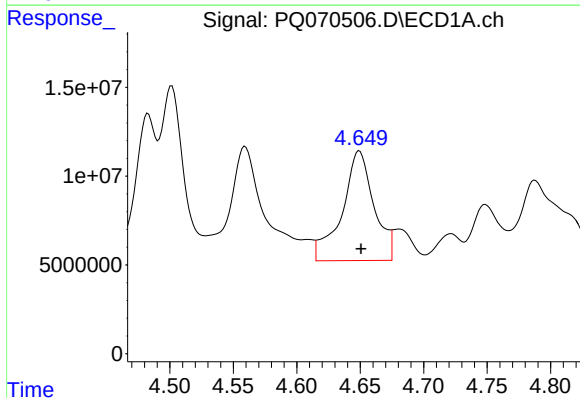
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 125323881
Conc: 878.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



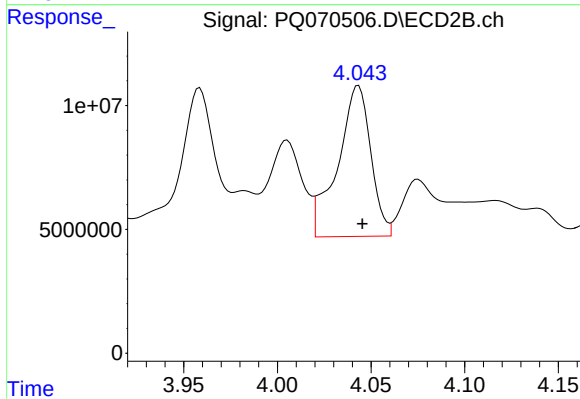
#13 AR-1232-3

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 87508492
Conc: 995.63 ng/ml



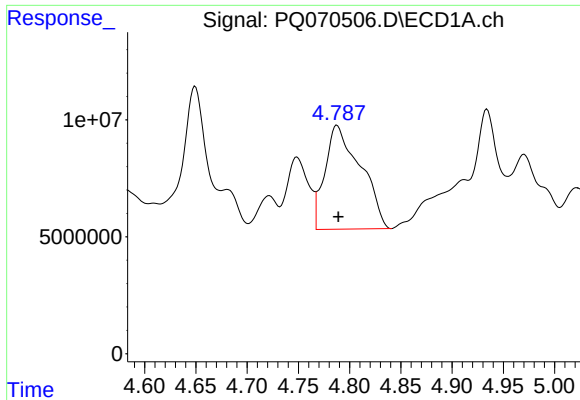
#14 AR-1232-4

R.T.: 4.649 min
Delta R.T.: -0.001 min
Response: 107998375
Conc: 1502.00 ng/ml



#14 AR-1232-4

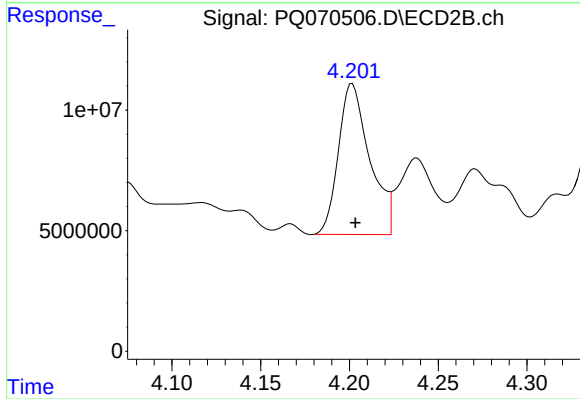
R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 74999224
Conc: 972.15 ng/ml



#15 AR-1232-5

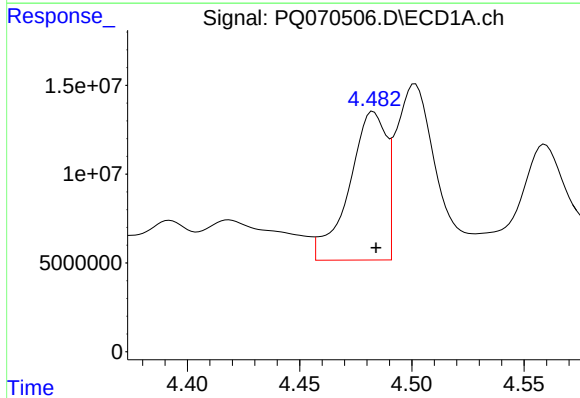
R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 107337249
Conc: 1796.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



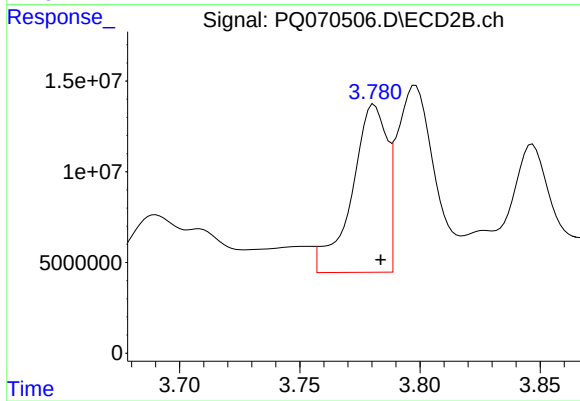
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 76547477
Conc: 914.08 ng/ml



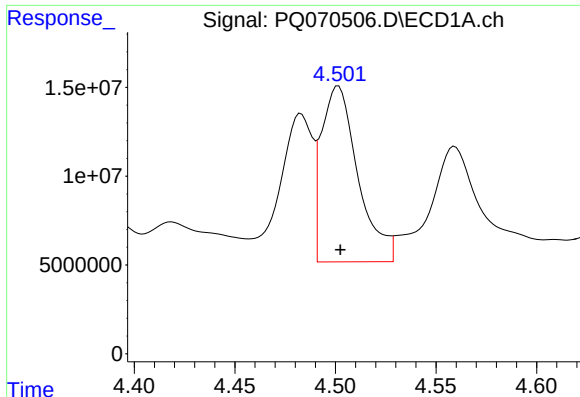
#16 AR-1242-1

R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 96201958
Conc: 621.62 ng/ml



#16 AR-1242-1

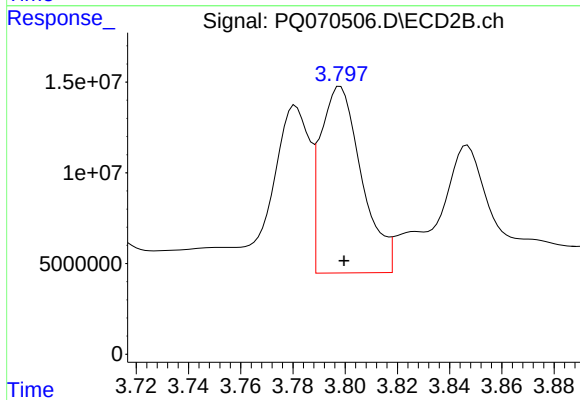
R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 94474822
Conc: 538.51 ng/ml



#17 AR-1242-2

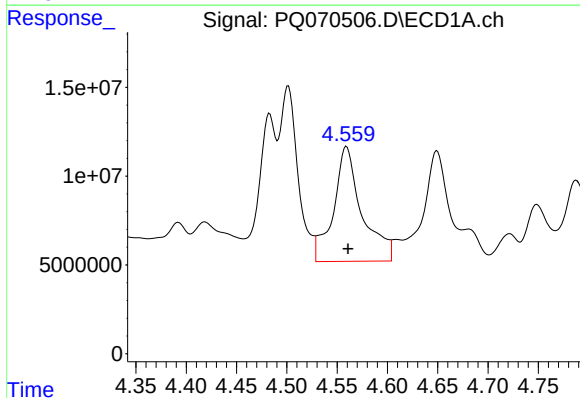
R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 125323881
Conc: 477.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



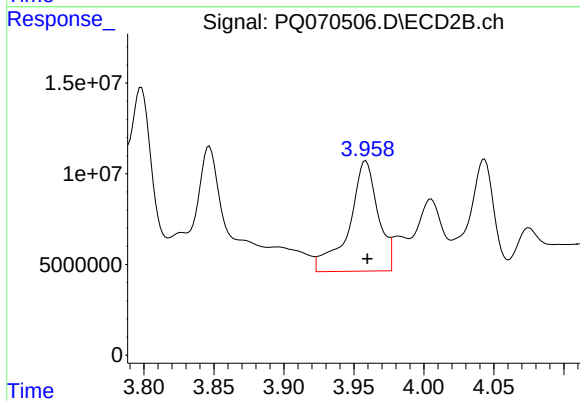
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 112497072
Conc: 404.00 ng/ml



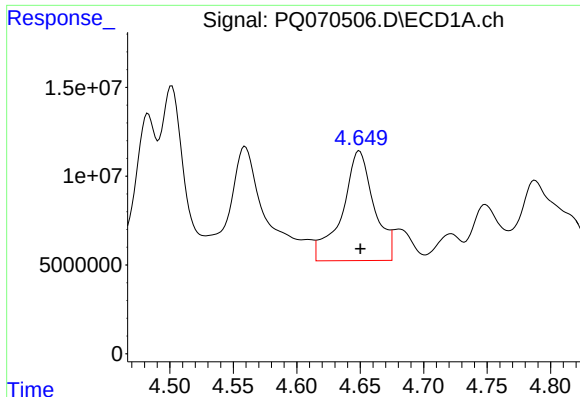
#18 AR-1242-3

R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 127057859
Conc: 747.89 ng/ml



#18 AR-1242-3

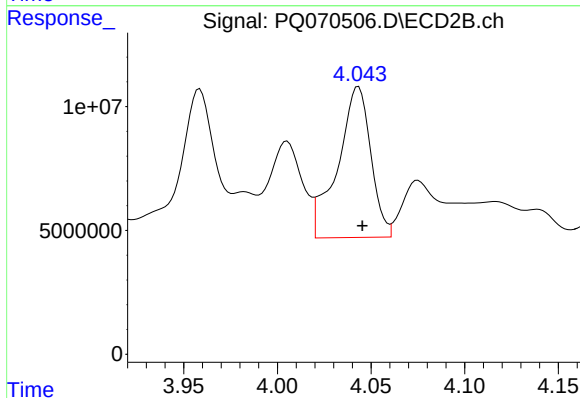
R.T.: 3.959 min
Delta R.T.: -0.001 min
Response: 87508492
Conc: 556.80 ng/ml



#19 AR-1242-4

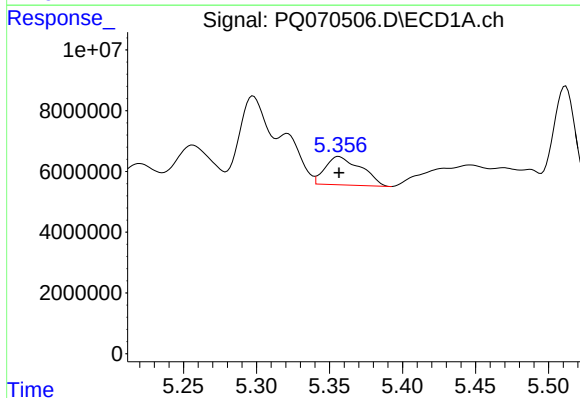
R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 107998375
Conc: 800.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



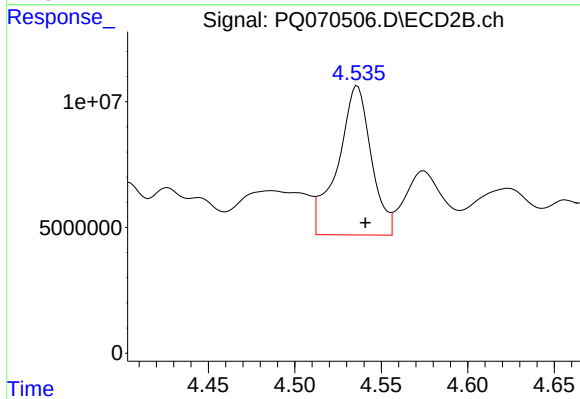
#19 AR-1242-4

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 74999224
Conc: 492.49 ng/ml



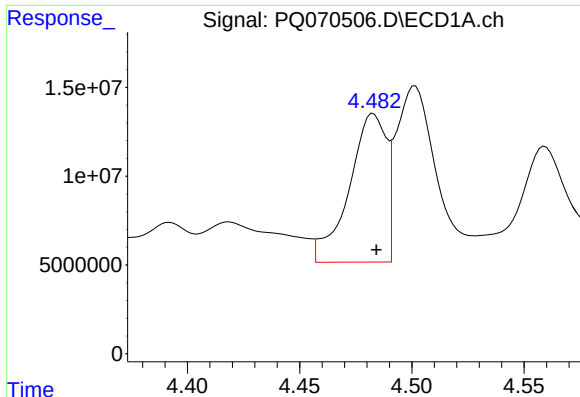
#20 AR-1242-5

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 16053729
Conc: 119.37 ng/ml



#20 AR-1242-5

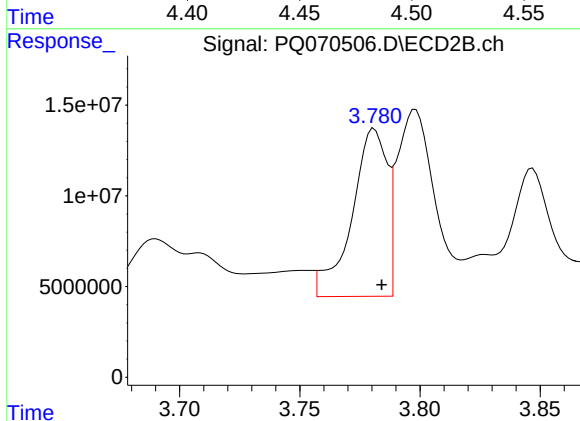
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 79871020
Conc: 437.72 ng/ml



#21 AR-1248-1

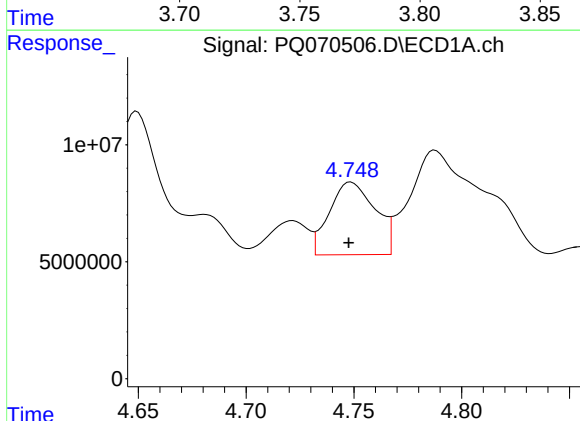
R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 96201958
Conc: 776.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



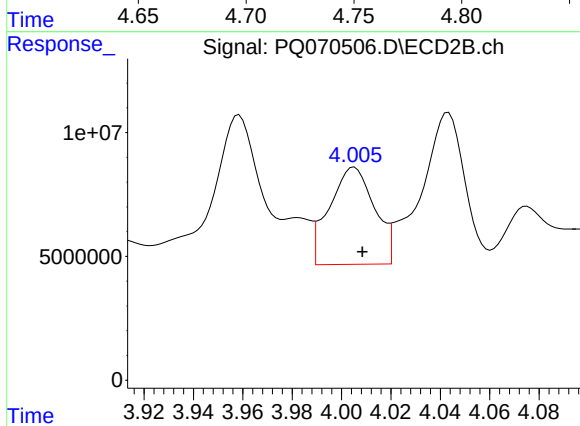
#21 AR-1248-1

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 94474822
Conc: 672.14 ng/ml



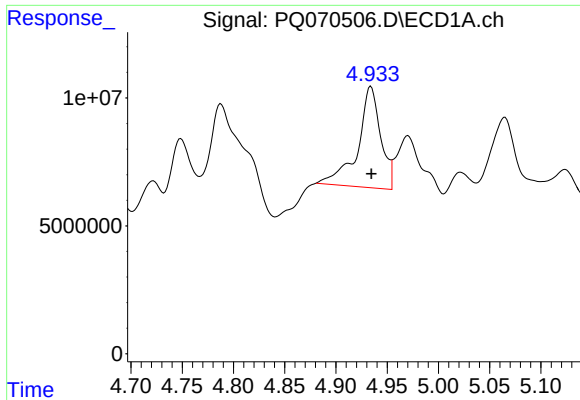
#22 AR-1248-2

R.T.: 4.749 min
Delta R.T.: 0.001 min
Response: 45855493
Conc: 248.56 ng/ml



#22 AR-1248-2

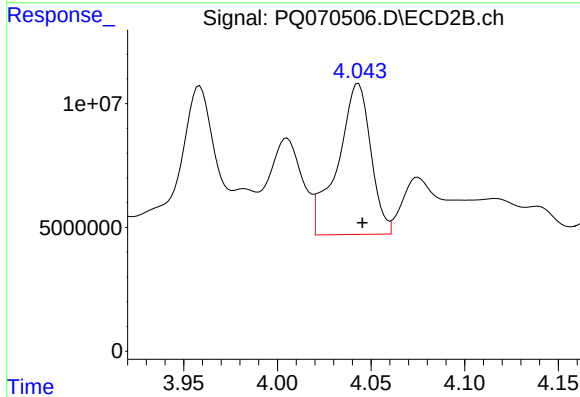
R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 49767669
Conc: 213.19 ng/ml



#23 AR-1248-3

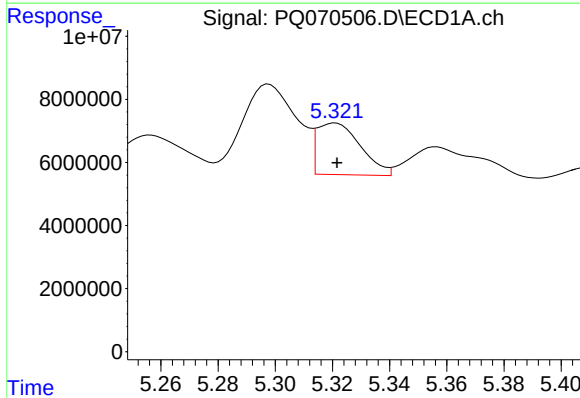
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 61690897
Conc: 279.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



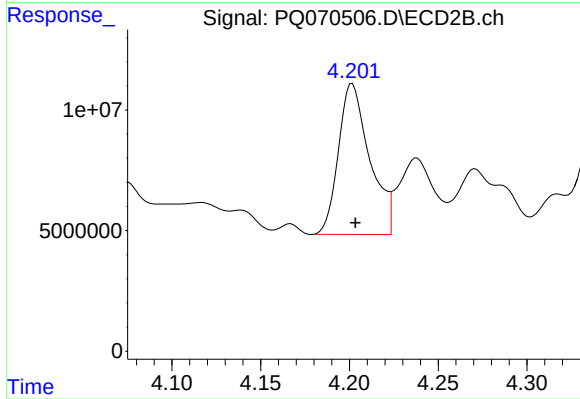
#23 AR-1248-3

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 74999224
Conc: 333.15 ng/ml



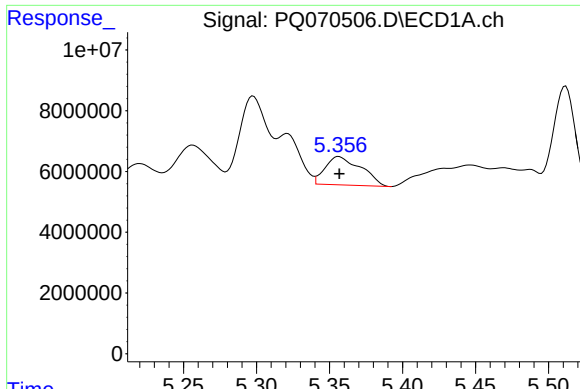
#24 AR-1248-4

R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 17354960
Conc: 78.20 ng/ml



#24 AR-1248-4

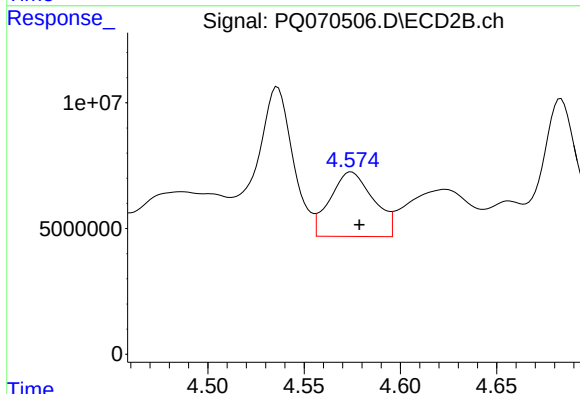
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 76547477
Conc: 280.72 ng/ml



#25 AR-1248-5

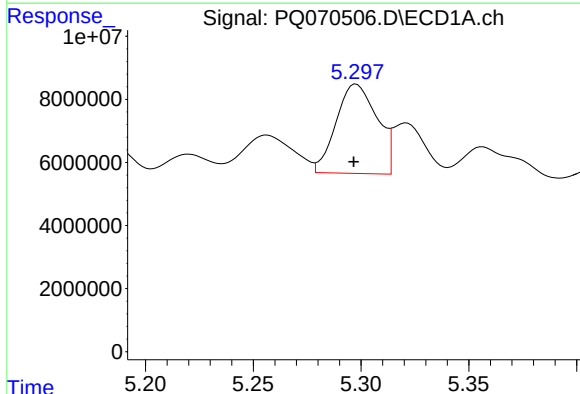
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 16053729
Conc: 69.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



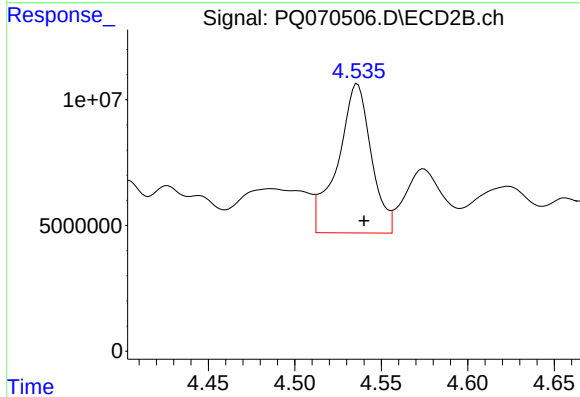
#25 AR-1248-5

R.T.: 4.575 min
Delta R.T.: -0.004 min
Response: 40381822
Conc: 161.25 ng/ml



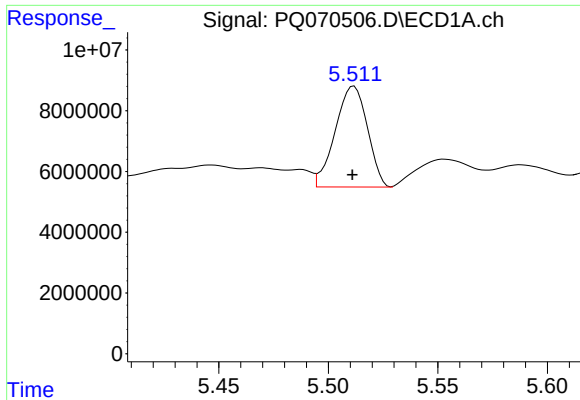
#26 AR-1254-1

R.T.: 5.298 min
Delta R.T.: 0.001 min
Response: 37472126
Conc: 151.48 ng/ml



#26 AR-1254-1

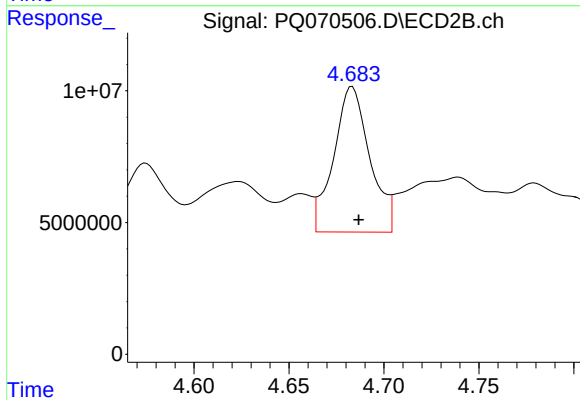
R.T.: 4.536 min
Delta R.T.: -0.004 min
Response: 79871020
Conc: 197.15 ng/ml



#27 AR-1254-2

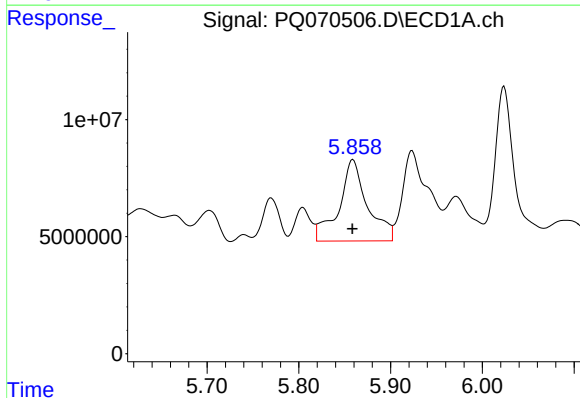
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 33941153
Conc: 90.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



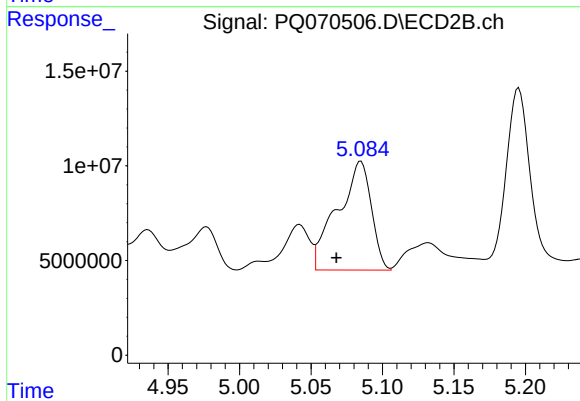
#27 AR-1254-2

R.T.: 4.683 min
Delta R.T.: -0.003 min
Response: 73203540
Conc: 202.71 ng/ml



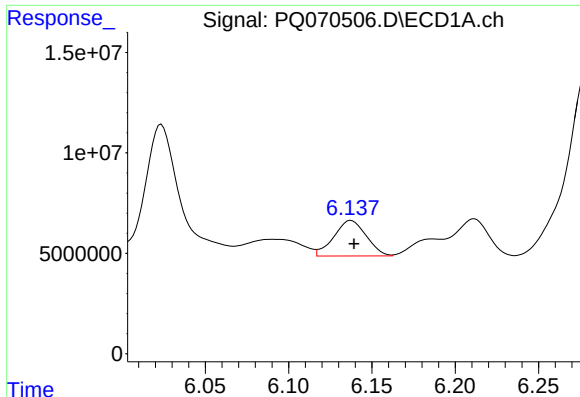
#28 AR-1254-3

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 74862294
Conc: 192.81 ng/ml



#28 AR-1254-3

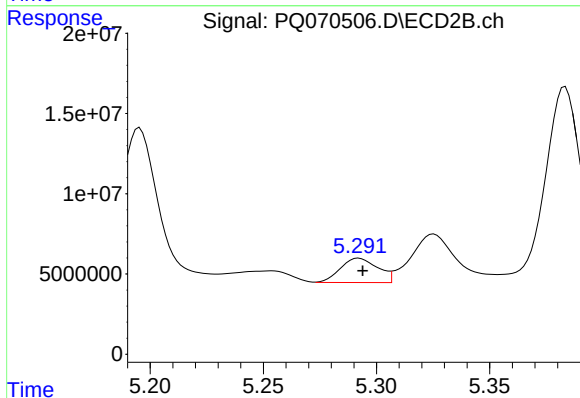
R.T.: 5.085 min
Delta R.T.: 0.017 min
Response: 94738108
Conc: 167.52 ng/ml



#29 AR-1254-4

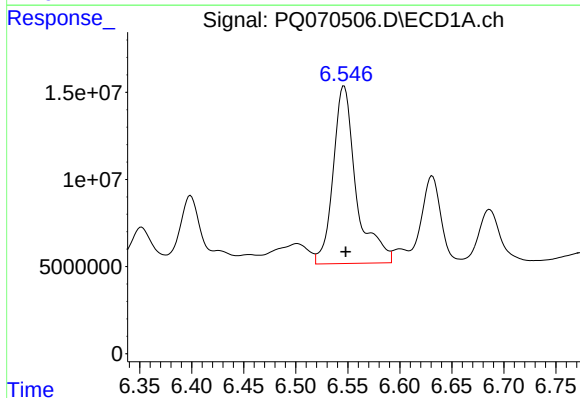
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 23965510
Conc: 96.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



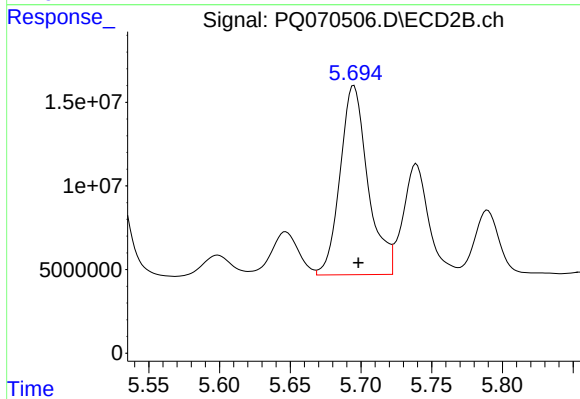
#29 AR-1254-4

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 17409259
Conc: 57.08 ng/ml



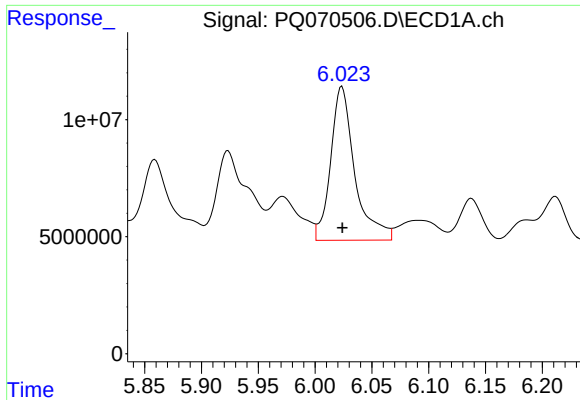
#30 AR-1254-5

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 157392961
Conc: 529.85 ng/ml



#30 AR-1254-5

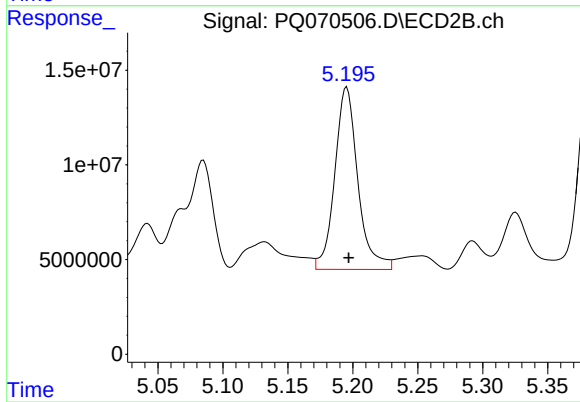
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 155106427
Conc: 301.38 ng/ml



#31 AR-1260-1

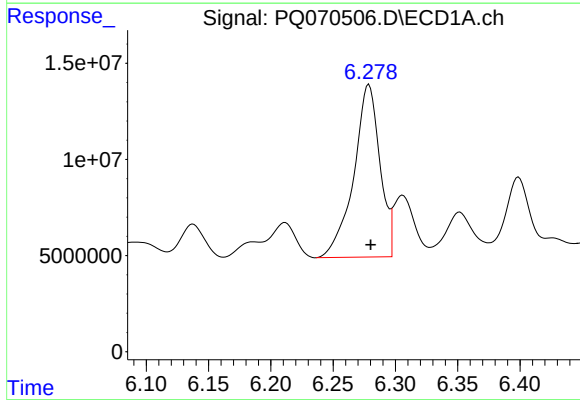
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 97138386
Conc: 336.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



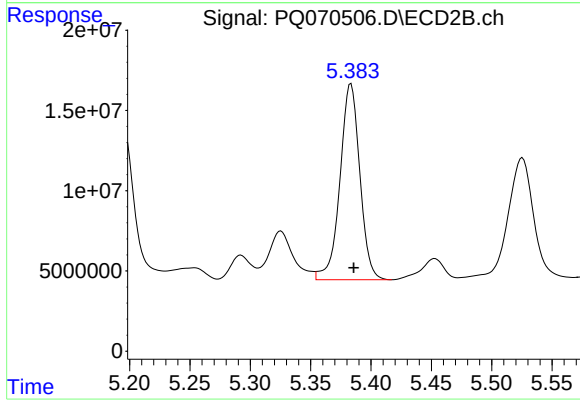
#31 AR-1260-1

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 119045995
Conc: 311.64 ng/ml



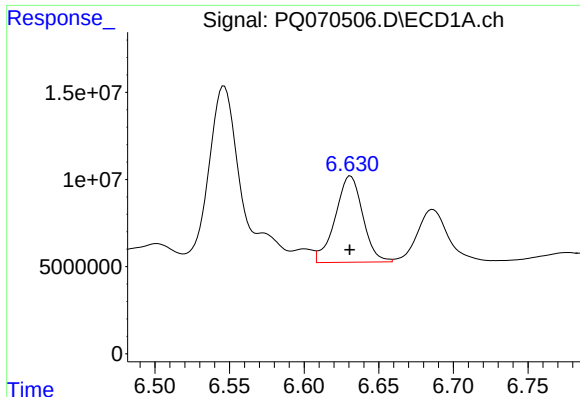
#32 AR-1260-2

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 131284792
Conc: 411.82 ng/ml



#32 AR-1260-2

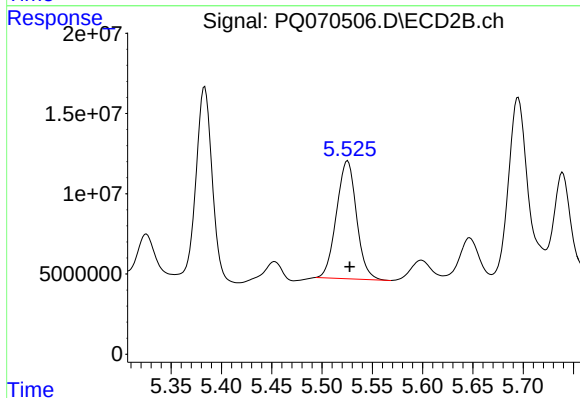
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 140017203
Conc: 319.59 ng/ml



#33 AR-1260-3

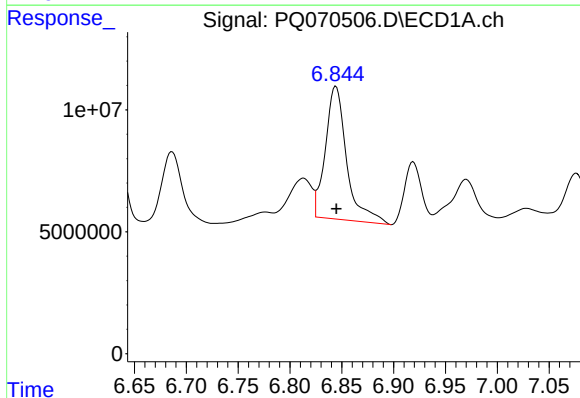
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 63595663
Conc: 244.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



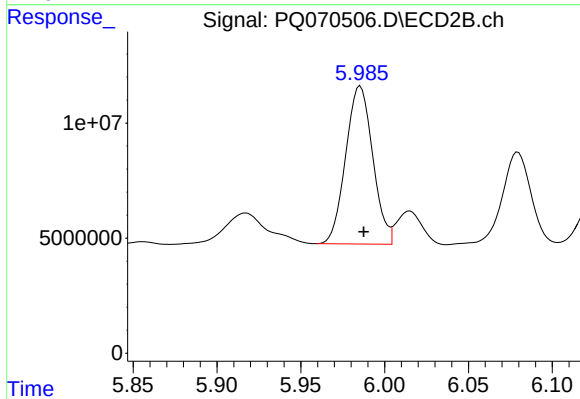
#33 AR-1260-3

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 102016608
Conc: 236.45 ng/ml



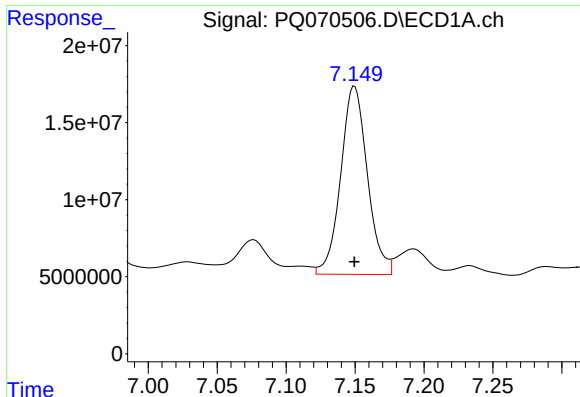
#34 AR-1260-4

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 78162095
Conc: 286.87 ng/ml



#34 AR-1260-4

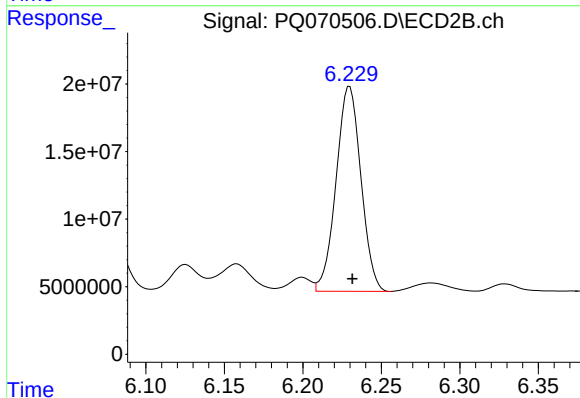
R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 77221736
Conc: 210.43 ng/ml



#35 AR-1260-5

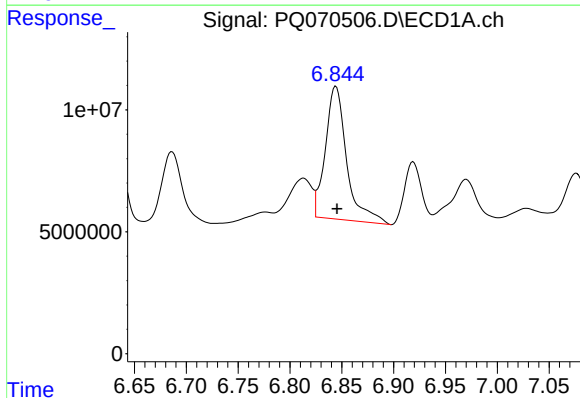
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 164632995
Conc: 330.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



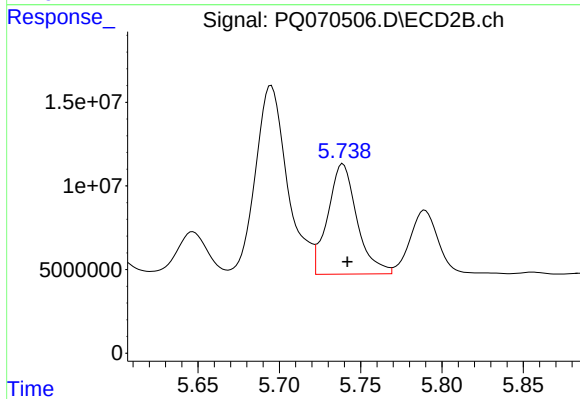
#35 AR-1260-5

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 167098468
Conc: 201.04 ng/ml



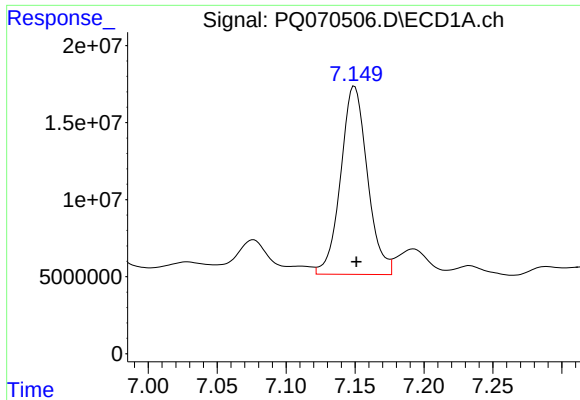
#36 AR-1262-1

R.T.: 6.844 min
Delta R.T.: -0.001 min
Response: 78162095
Conc: 221.97 ng/ml



#36 AR-1262-1

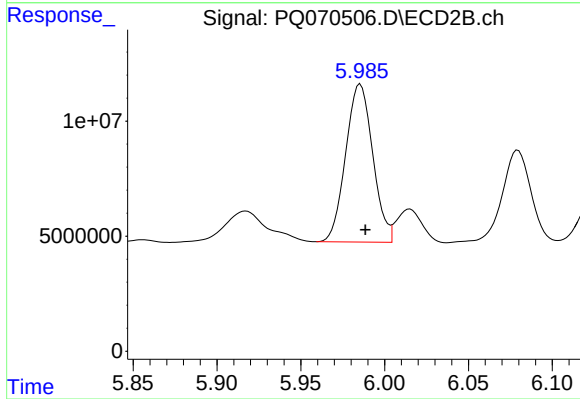
R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 82528628
Conc: 150.82 ng/ml



#37 AR-1262-2

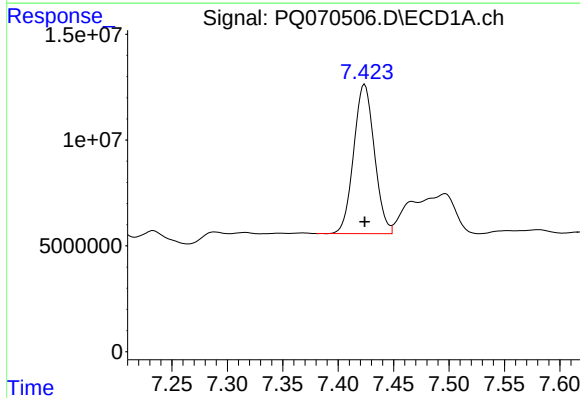
R.T.: 7.150 min
Delta R.T.: -0.001 min
Response: 164632995
Conc: 290.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



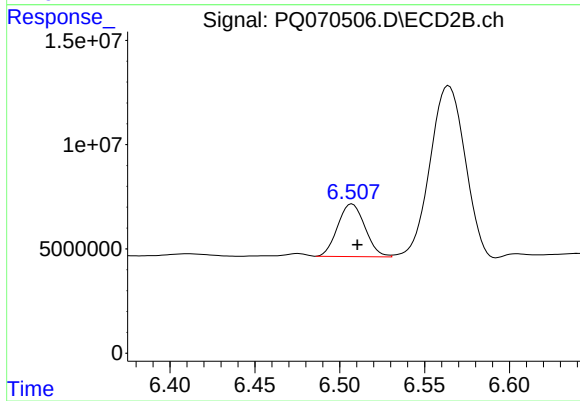
#37 AR-1262-2

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 77221736
Conc: 151.84 ng/ml



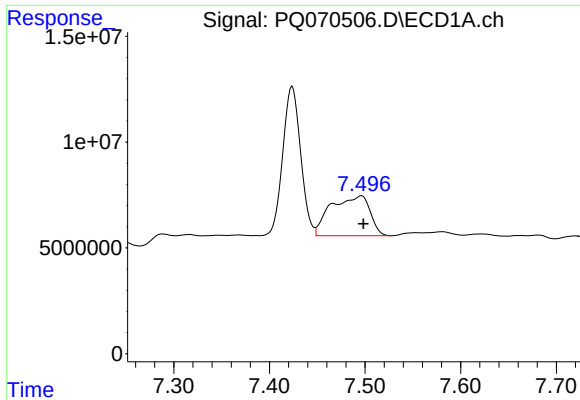
#38 AR-1262-3

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 91498187
Conc: 234.88 ng/ml



#38 AR-1262-3

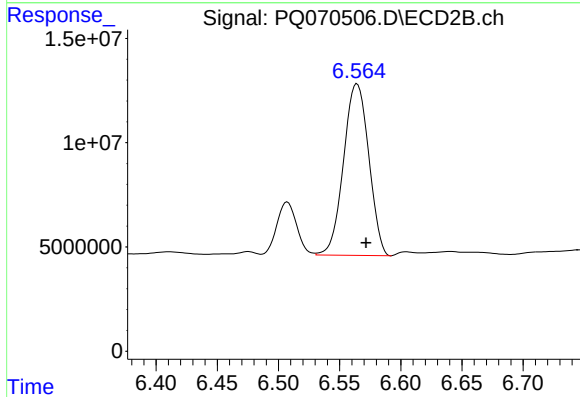
R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 28193334
Conc: 71.81 ng/ml



#39 AR-1262-4

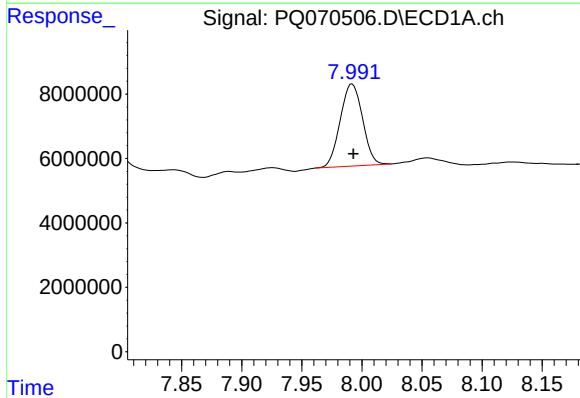
R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 53431859
Conc: 166.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



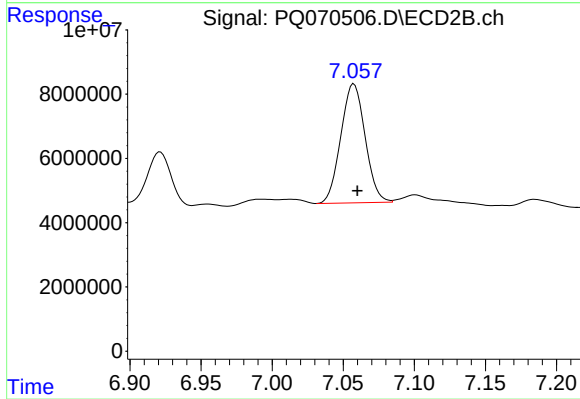
#39 AR-1262-4

R.T.: 6.564 min
Delta R.T.: -0.007 min
Response: 118151423
Conc: 168.66 ng/ml



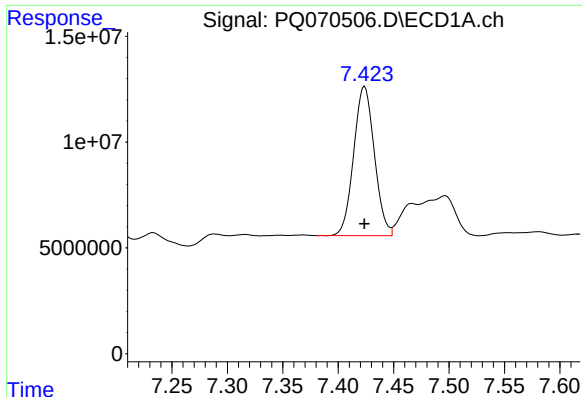
#40 AR-1262-5

R.T.: 7.992 min
Delta R.T.: -0.001 min
Response: 32864959
Conc: 175.43 ng/ml



#40 AR-1262-5

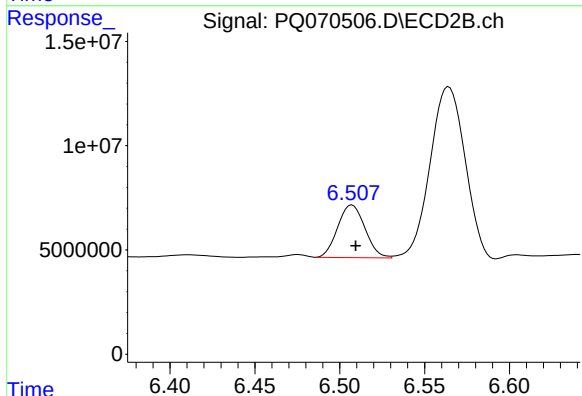
R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 44075726
Conc: 138.99 ng/ml



#41 AR-1268-1

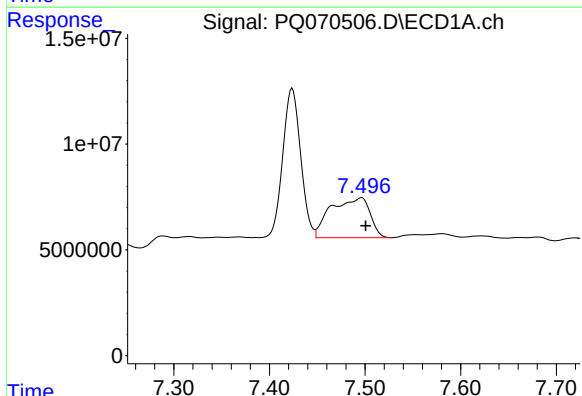
R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 91498187
Conc: 126.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



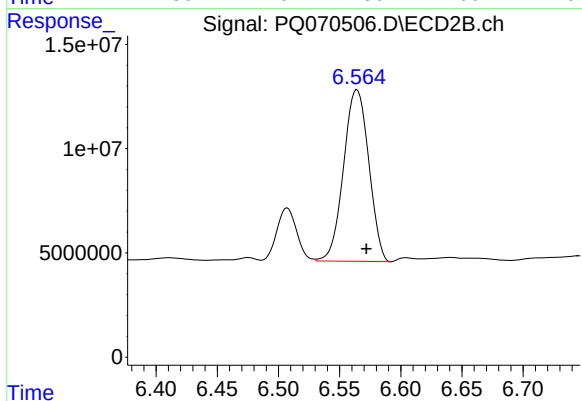
#41 AR-1268-1

R.T.: 6.507 min
Delta R.T.: -0.002 min
Response: 28193334
Conc: 24.33 ng/ml



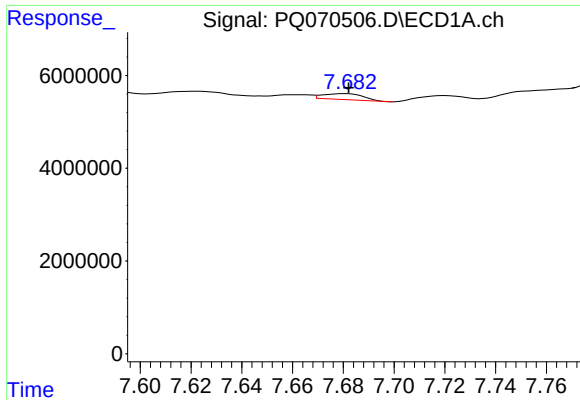
#42 AR-1268-2

R.T.: 7.496 min
Delta R.T.: -0.005 min
Response: 53431859
Conc: 80.44 ng/ml



#42 AR-1268-2

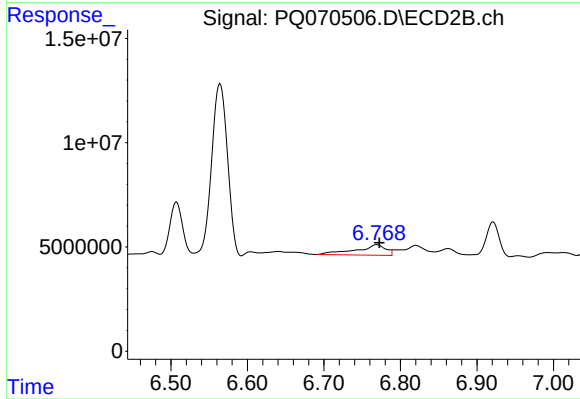
R.T.: 6.564 min
Delta R.T.: -0.008 min
Response: 118151423
Conc: 110.19 ng/ml



#43 AR-1268-3

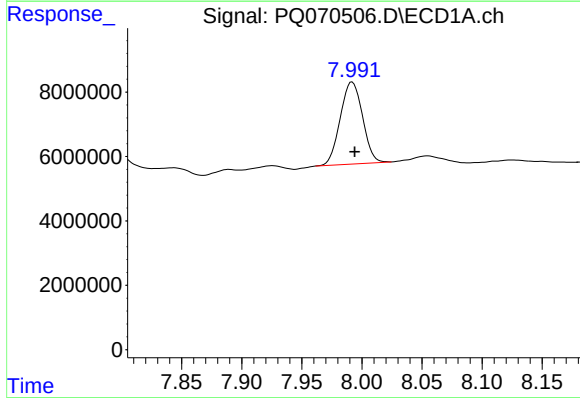
R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 1382075
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



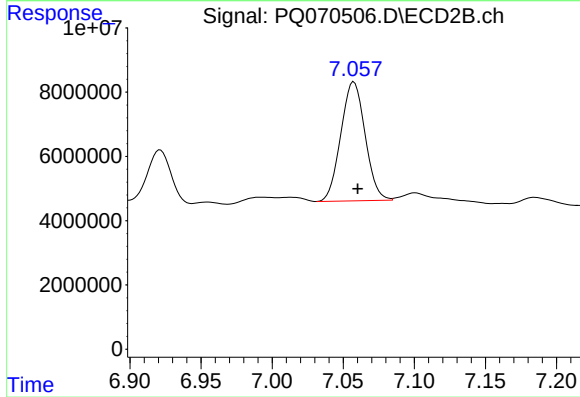
#43 AR-1268-3

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 13577851
Conc: 14.22 ng/ml



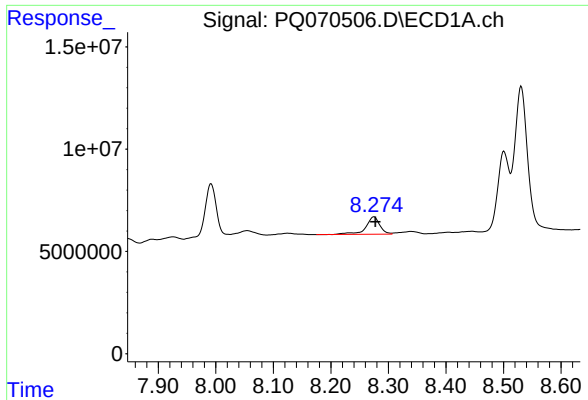
#44 AR-1268-4

R.T.: 7.992 min
Delta R.T.: -0.002 min
Response: 32864959
Conc: 159.31 ng/ml



#44 AR-1268-4

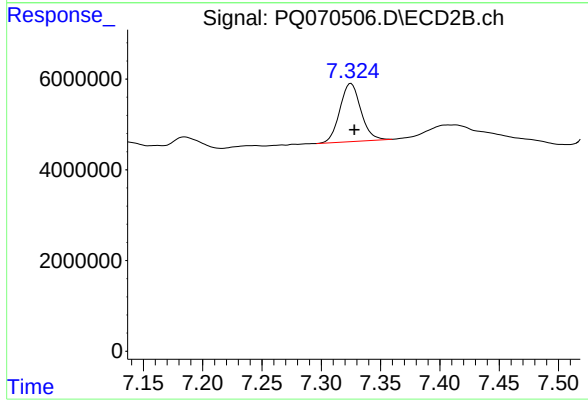
R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 44075726
Conc: 117.18 ng/ml



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 14410731
Conc: 9.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 15794630
Conc: 6.01 ng/ml