

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061120\
 Data File : PQ048357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2020 19:52
 Operator : AJ\MA
 Sample : L2972-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 10 03:52:33 2020
 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...	5.295	4.290	192.2E6	86891227	22.498	21.037
2)	SA Decachlor...	11.566	9.658	194.9E6	85653068	21.014	19.137
Target Compounds							
3)	L1 AR-1016-1	6.625	5.555	69874132	33420200	233.966	214.835
4)	L1 AR-1016-2	6.650	5.576	95863495	45856832	234.728	216.763
5)	L1 AR-1016-3	6.716	5.769	59185808	24761593	234.127	227.967
6)	L1 AR-1016-4	6.825	5.819	49320888	20116897	239.112	225.023
7)	L1 AR-1016-5	7.140	6.050	44999933	24093383	227.551	246.589
8)	L2 AR-1221-1	5.541	4.546	6898366	3194805	77.227	74.130
9)	L2 AR-1221-2	5.647	4.649	9699511	4273650	142.270	131.067
10)	L2 AR-1221-3	5.735	4.739	35911062	16907221	170.874	165.953
11)	L3 AR-1232-1	5.735	4.739	35911062	16907221	212.795	207.187
12)	L3 AR-1232-2	6.330	5.576	48612486	45856832	567.453	537.024
13)	L3 AR-1232-3	6.650	5.769	95863495	24761593	572.815	574.168
14)	L3 AR-1232-4	6.825	5.864	49320888	24172768	581.297	616.665
15)	L3 AR-1232-5	6.920	6.050	41172883	24093383	649.792	617.696
16)	L4 AR-1242-1	6.625	5.555	69874132	33420200	308.654	290.084
17)	L4 AR-1242-2	6.650	5.576	95863495	45856832	310.530	290.984
18)	L4 AR-1242-3	6.716	5.769	59185808	24761593	309.009	301.773
19)	L4 AR-1242-4	6.825	5.864	49320888	24172768	311.058	299.041
20)	L4 AR-1242-5	7.611	6.430	9066551	22754707	53.359	212.635 #
21)	L5 AR-1248-1	6.625	5.555	69874132	33420200	402.606	378.336
22)	L5 AR-1248-2	6.920	5.819	41172883	20116897	185.103	179.316
23)	L5 AR-1248-3	7.140	5.864	44999933	24172768	184.409	212.443
24)	L5 AR-1248-4	7.569	6.050	8508146	24093383	30.763	177.612 #
25)	L5 AR-1248-5	7.611	6.473	9066551	3448804	34.487	25.065 #
26)	L6 AR-1254-1	7.540	6.430	38723746	22754707	129.270	96.311 #
27)	L6 AR-1254-2	7.768	6.588	42534537	21801460	91.913	106.306
28)	L6 AR-1254-3	8.154	7.028	25218891	48313499	51.744	143.960 #
29)	L6 AR-1254-4	8.449	7.248	16429235	4943415	43.393	22.509 #
30)	L6 AR-1254-5	8.881	7.678	161.4E6	74339935	403.808	254.473 #
31)	L7 AR-1260-1	8.321	7.148	92758423	54328188	276.627	270.507
32)	L7 AR-1260-2	8.585	7.342	115.6E6	64904365	288.197	262.060
33)	L7 AR-1260-3	8.955	7.500	73337524	56851055	232.103	252.144
34)	L7 AR-1260-4	9.203	7.984	88929887	41148520	240.980	214.351
35)	L7 AR-1260-5	9.557	8.229	182.4E6	103.1E6	214.723	215.646
36)	L8 AR-1262-1	8.955	7.678	73337524	74339935	169.046	525.302 #
37)	L8 AR-1262-2	9.557	8.229	182.4E6	103.1E6	219.821	195.536
38)	L8 AR-1262-3	9.924	8.518	149.7E6	21704562	386.407	100.916 #
39)	L8 AR-1262-4	9.980	8.581	70139154	73304766	154.729	190.450
40)	L8 AR-1262-5	10.733	9.087	51075436	24128324	151.340	131.366
41)	L9 AR-1268-1	9.924	8.518	149.7E6	21704562	131.984	31.626 #

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 Acq On : 11 Jun 2020 19:52
 Operator : AJ\MA
 Sample : L2972-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

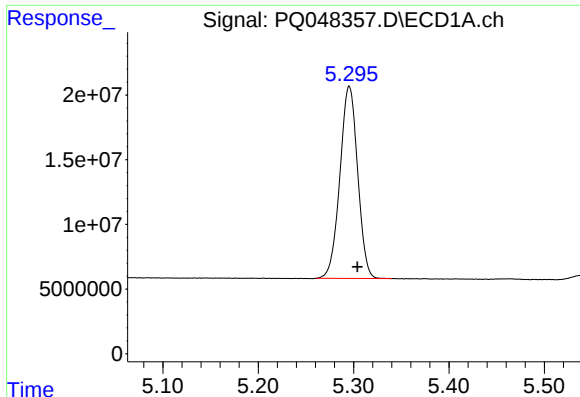
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
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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	9.980	8.581	70139154	73304766	64.233	115.379 #
44) L9	AR-1268-4	10.733	9.087	51075436	24128324	120.998	103.564
45) L9	AR-1268-5	11.193	9.392	36639070	9320428	11.510	5.324 #

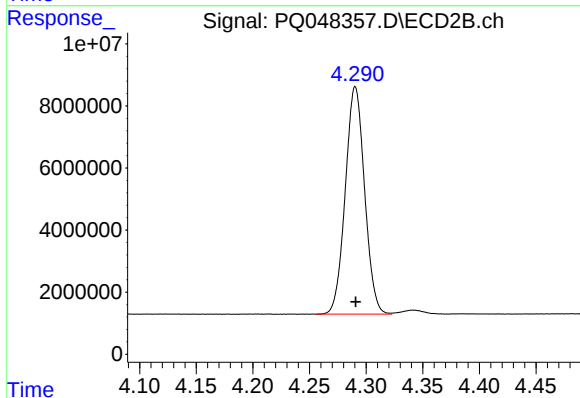
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

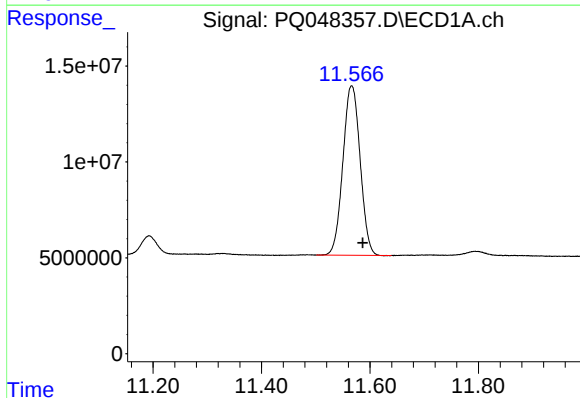
R.T.: 5.295 min
Delta R.T.: -0.009 min
Response: 192247482
Conc: 22.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



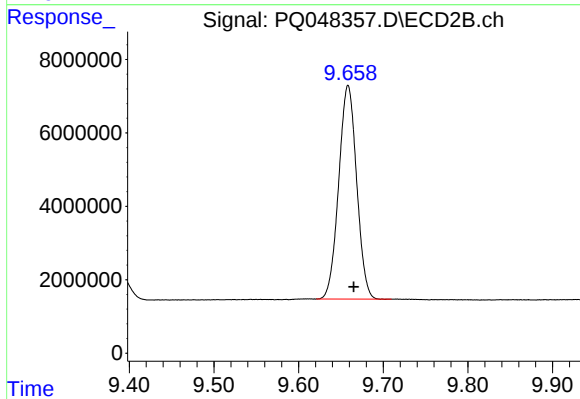
#1 Tetrachloro-m-xylene

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 86891227
Conc: 21.04 ng/ml



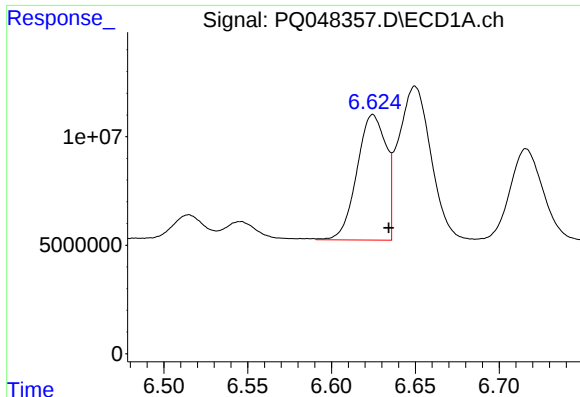
#2 Decachlorobiphenyl

R.T.: 11.566 min
Delta R.T.: -0.020 min
Response: 194855610
Conc: 21.01 ng/ml



#2 Decachlorobiphenyl

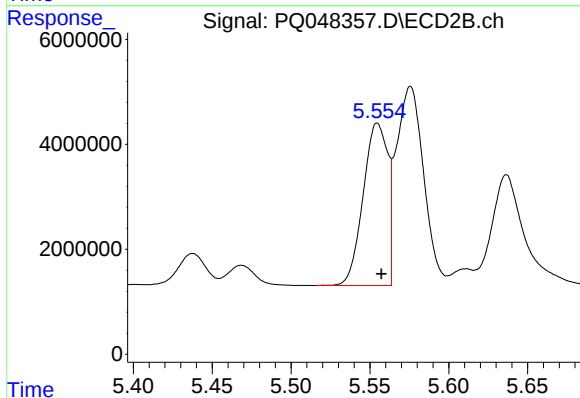
R.T.: 9.658 min
Delta R.T.: -0.007 min
Response: 85653068
Conc: 19.14 ng/ml



#3 AR-1016-1

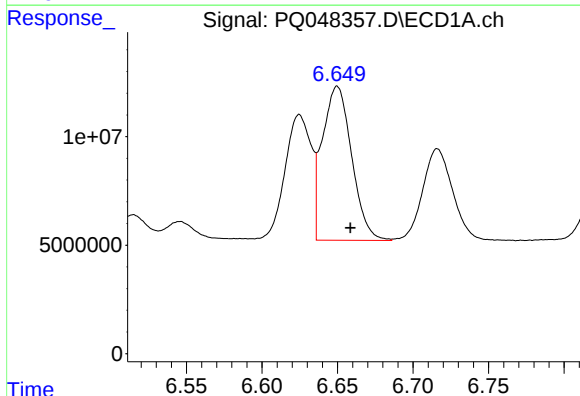
R.T.: 6.625 min
Delta R.T.: -0.009 min
Response: 69874132
Conc: 233.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



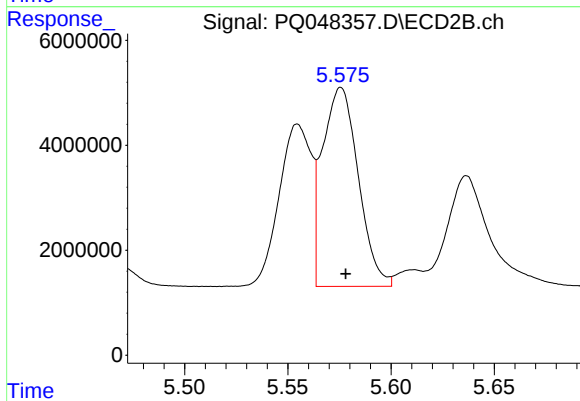
#3 AR-1016-1

R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 33420200
Conc: 214.84 ng/ml



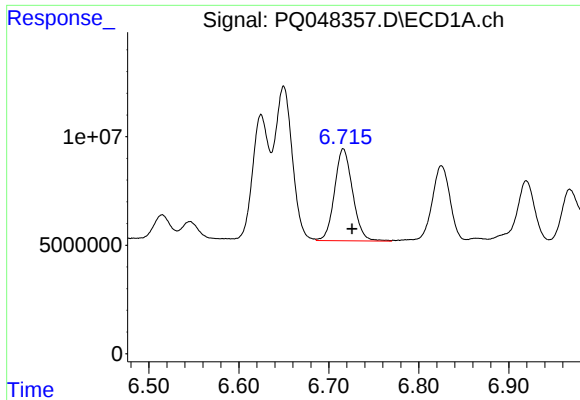
#4 AR-1016-2

R.T.: 6.650 min
Delta R.T.: -0.009 min
Response: 95863495
Conc: 234.73 ng/ml



#4 AR-1016-2

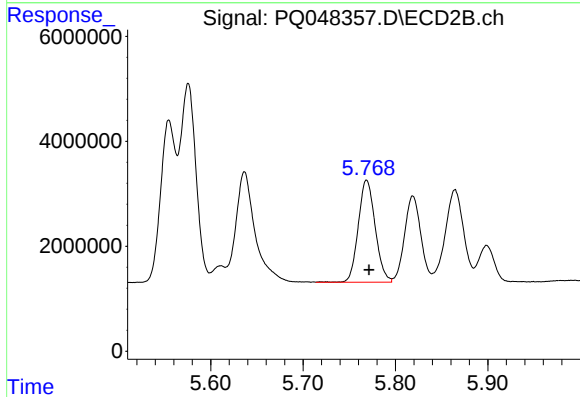
R.T.: 5.576 min
Delta R.T.: -0.003 min
Response: 45856832
Conc: 216.76 ng/ml



#5 AR-1016-3

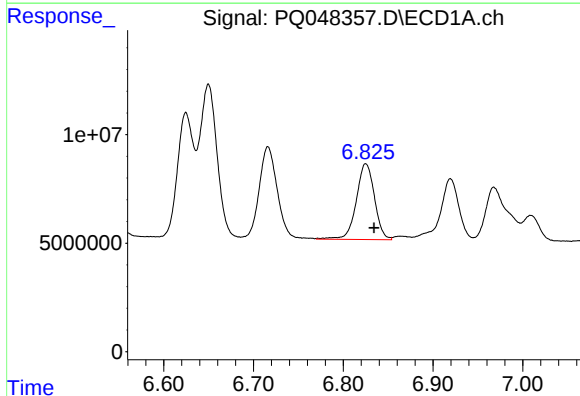
R.T.: 6.716 min
Delta R.T.: -0.010 min
Response: 59185808
Conc: 234.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



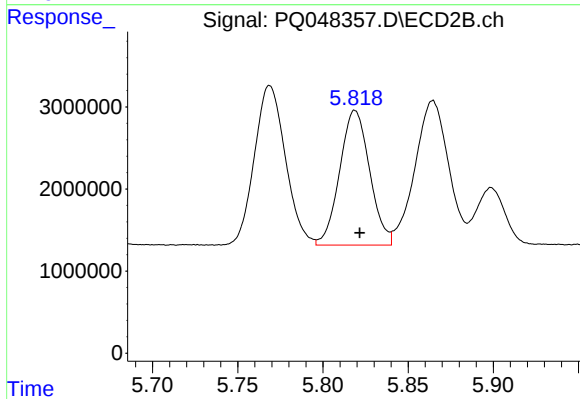
#5 AR-1016-3

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 24761593
Conc: 227.97 ng/ml



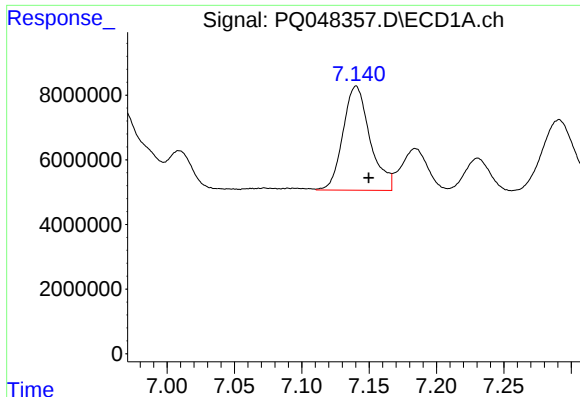
#6 AR-1016-4

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 49320888
Conc: 239.11 ng/ml



#6 AR-1016-4

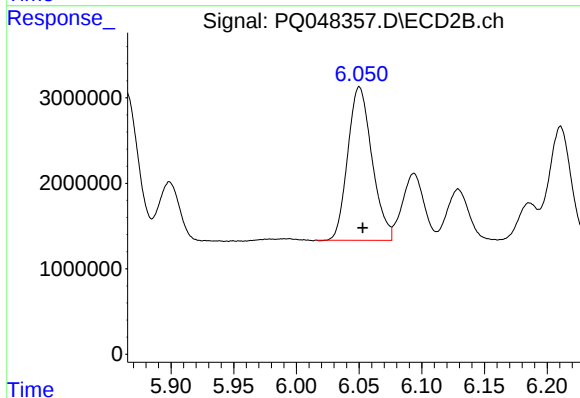
R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 20116897
Conc: 225.02 ng/ml



#7 AR-1016-5

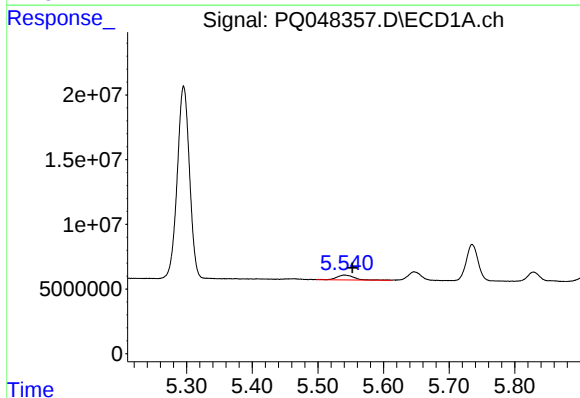
R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 44999933
Conc: 227.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



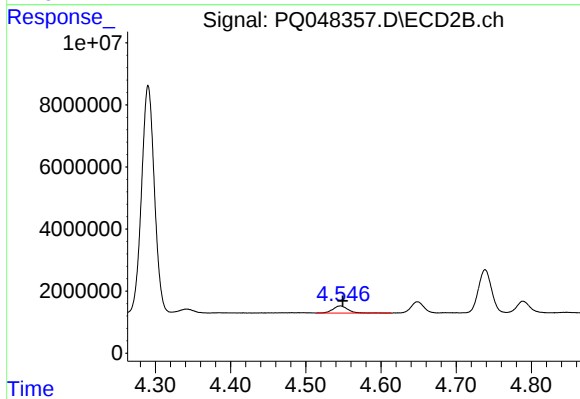
#7 AR-1016-5

R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 24093383
Conc: 246.59 ng/ml



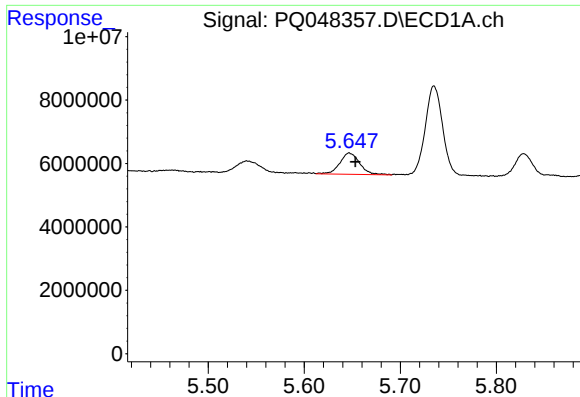
#8 AR-1221-1

R.T.: 5.541 min
Delta R.T.: -0.012 min
Response: 6898366
Conc: 77.23 ng/ml



#8 AR-1221-1

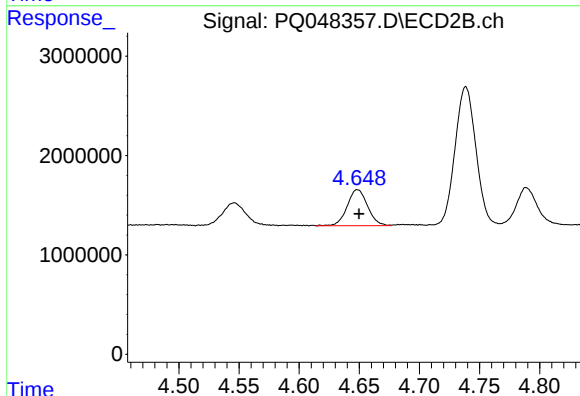
R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 3194805
Conc: 74.13 ng/ml



#9 AR-1221-2

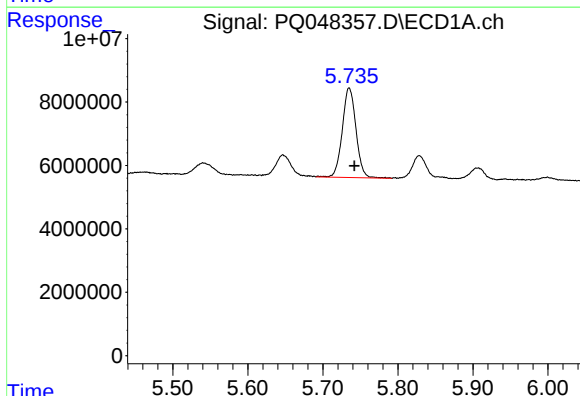
R.T.: 5.647 min
Delta R.T.: -0.006 min
Response: 9699511
Conc: 142.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



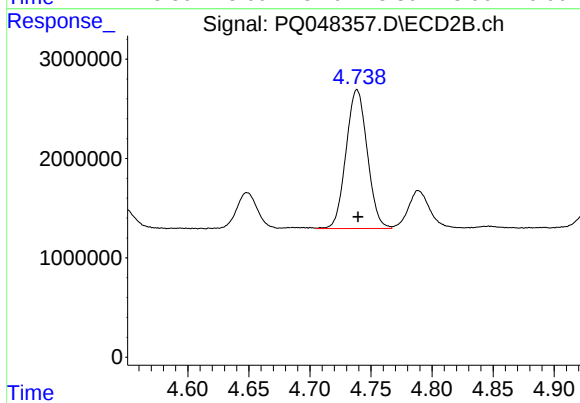
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: -0.001 min
Response: 4273650
Conc: 131.07 ng/ml



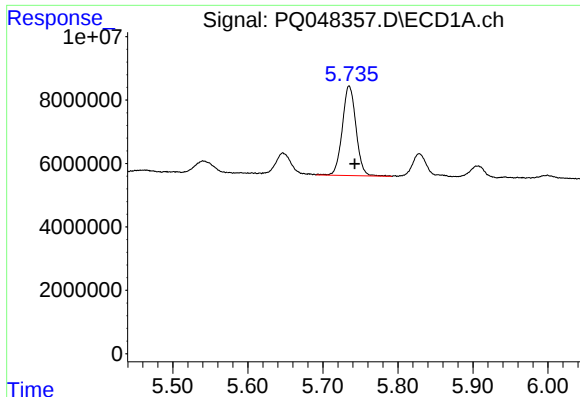
#10 AR-1221-3

R.T.: 5.735 min
Delta R.T.: -0.007 min
Response: 35911062
Conc: 170.87 ng/ml



#10 AR-1221-3

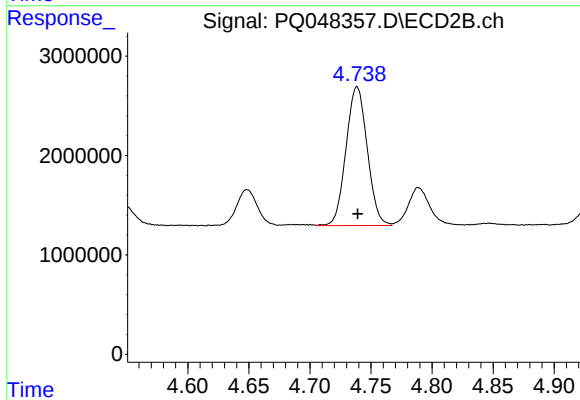
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 16907221
Conc: 165.95 ng/ml



#11 AR-1232-1

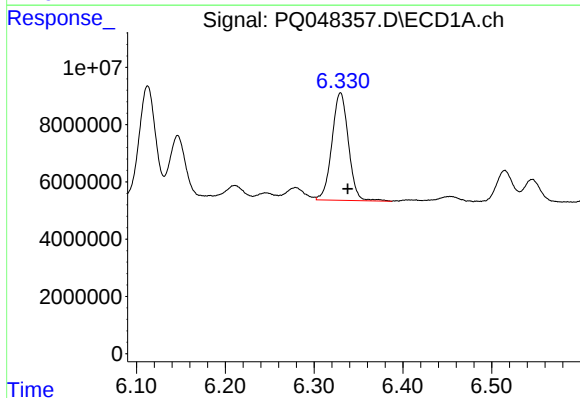
R.T.: 5.735 min
Delta R.T.: -0.007 min
Response: 35911062
Conc: 212.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



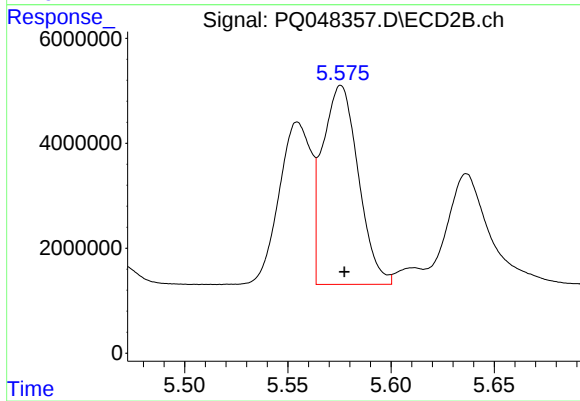
#11 AR-1232-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 16907221
Conc: 207.19 ng/ml



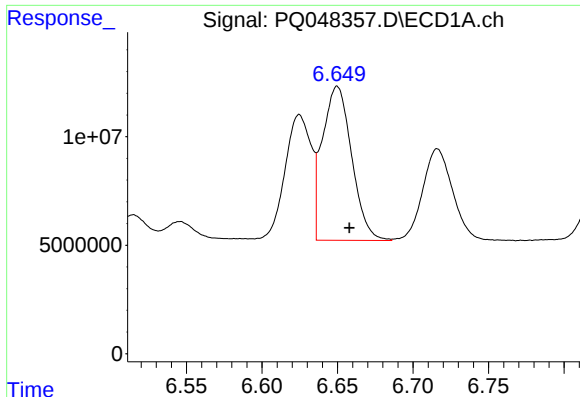
#12 AR-1232-2

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 48612486
Conc: 567.45 ng/ml



#12 AR-1232-2

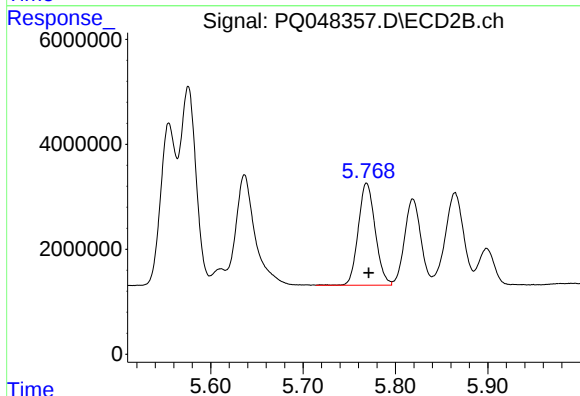
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 45856832
Conc: 537.02 ng/ml



#13 AR-1232-3

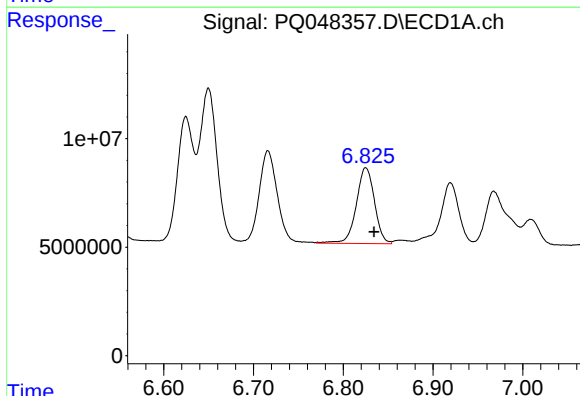
R.T.: 6.650 min
Delta R.T.: -0.008 min
Response: 95863495
Conc: 572.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



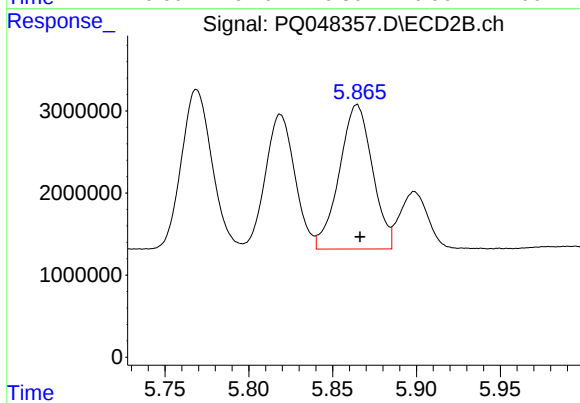
#13 AR-1232-3

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 24761593
Conc: 574.17 ng/ml



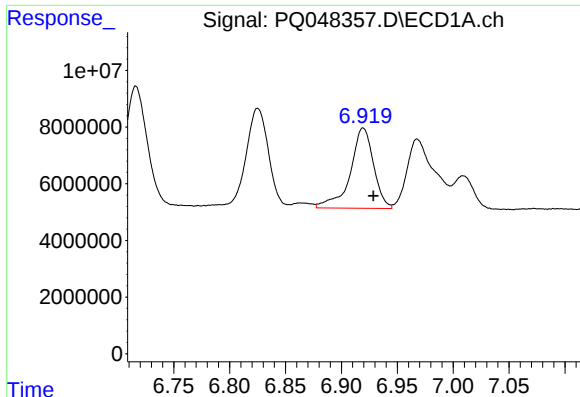
#14 AR-1232-4

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 49320888
Conc: 581.30 ng/ml



#14 AR-1232-4

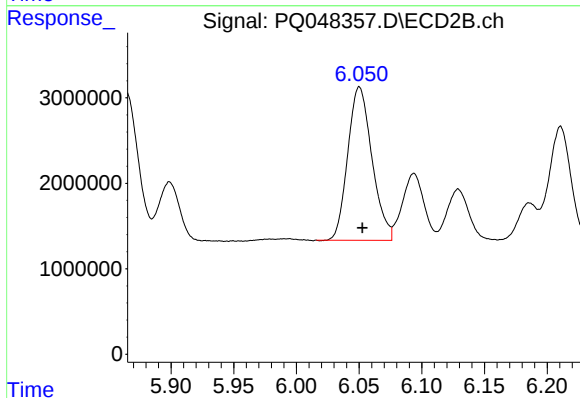
R.T.: 5.864 min
Delta R.T.: -0.002 min
Response: 24172768
Conc: 616.66 ng/ml



#15 AR-1232-5

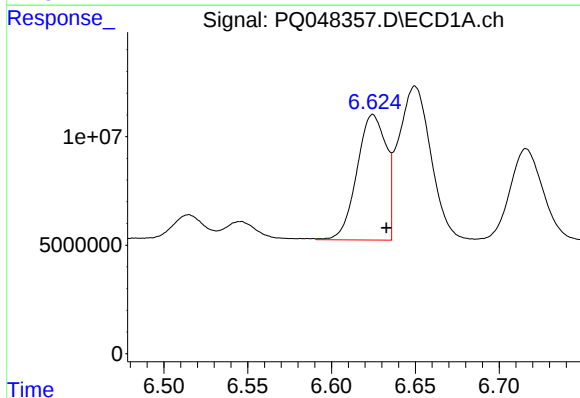
R.T.: 6.920 min
Delta R.T.: -0.009 min
Response: 41172883
Conc: 649.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



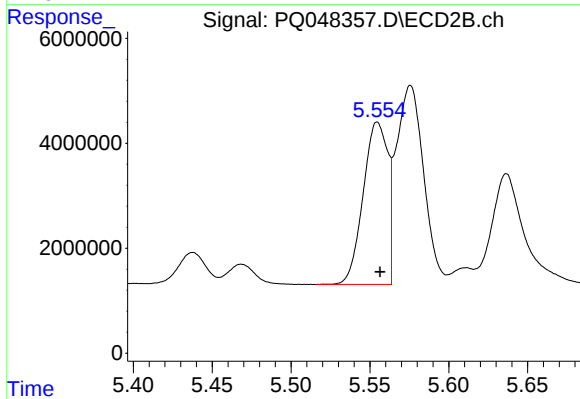
#15 AR-1232-5

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 24093383
Conc: 617.70 ng/ml



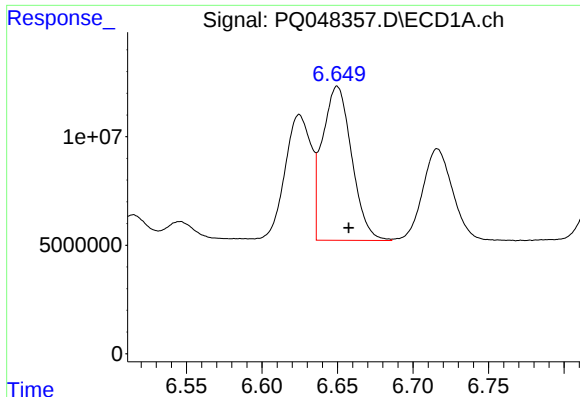
#16 AR-1242-1

R.T.: 6.625 min
Delta R.T.: -0.008 min
Response: 69874132
Conc: 308.65 ng/ml



#16 AR-1242-1

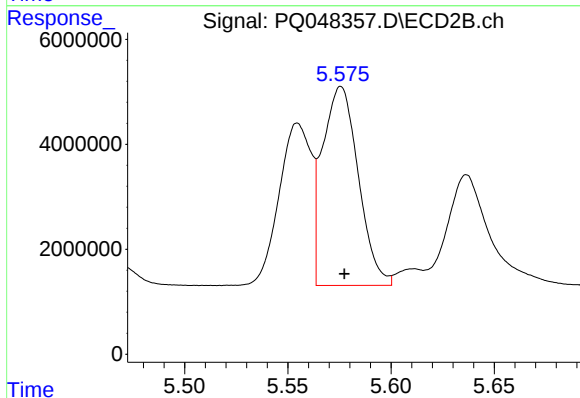
R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 33420200
Conc: 290.08 ng/ml



#17 AR-1242-2

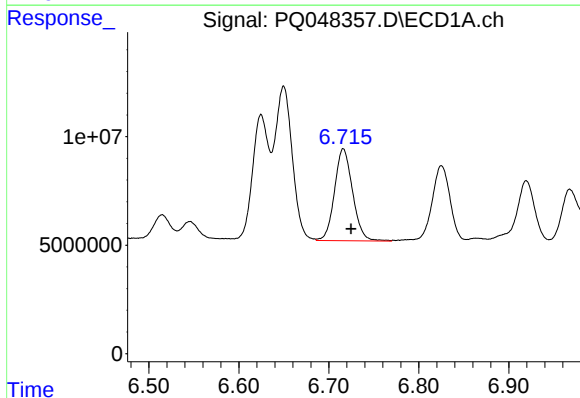
R.T.: 6.650 min
Delta R.T.: -0.008 min
Response: 95863495
Conc: 310.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



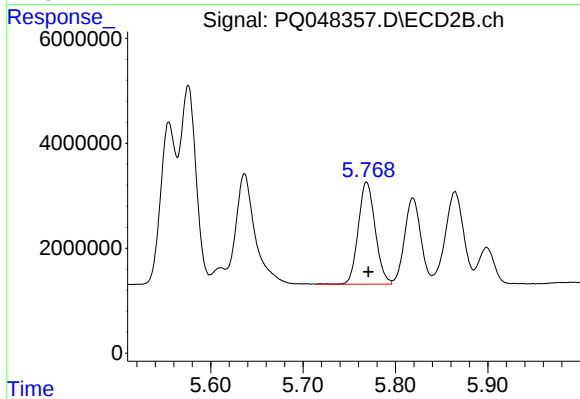
#17 AR-1242-2

R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 45856832
Conc: 290.98 ng/ml



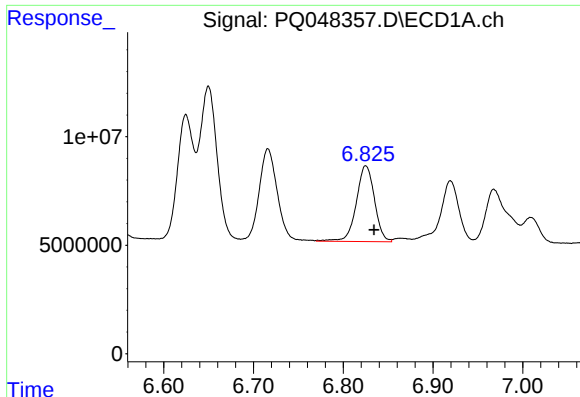
#18 AR-1242-3

R.T.: 6.716 min
Delta R.T.: -0.009 min
Response: 59185808
Conc: 309.01 ng/ml



#18 AR-1242-3

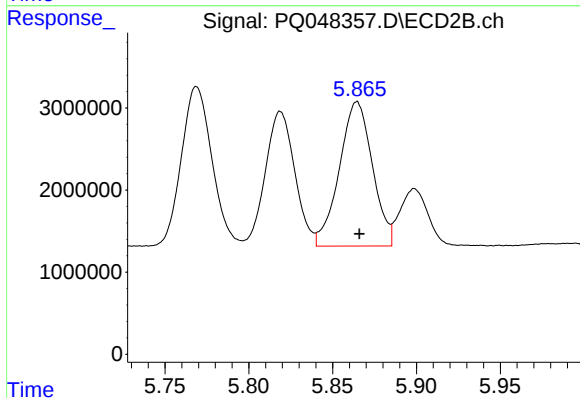
R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 24761593
Conc: 301.77 ng/ml



#19 AR-1242-4

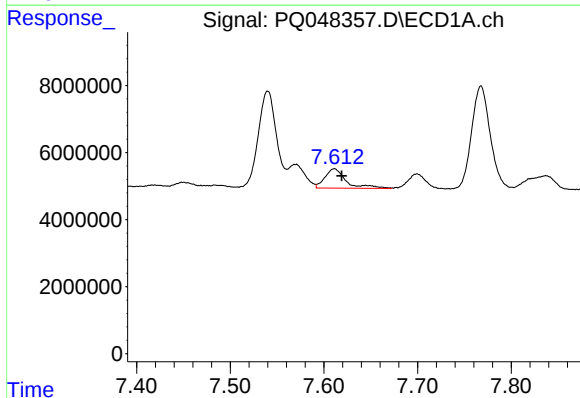
R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 49320888
Conc: 311.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



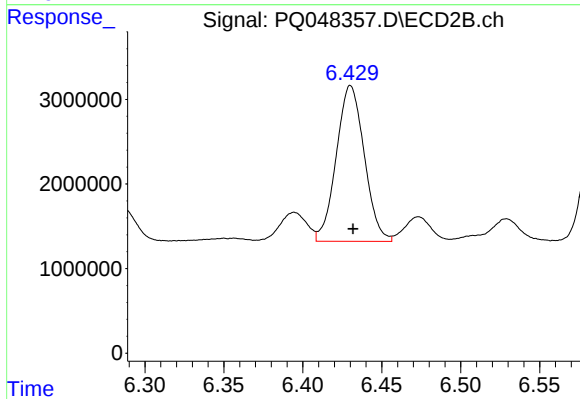
#19 AR-1242-4

R.T.: 5.864 min
Delta R.T.: -0.002 min
Response: 24172768
Conc: 299.04 ng/ml



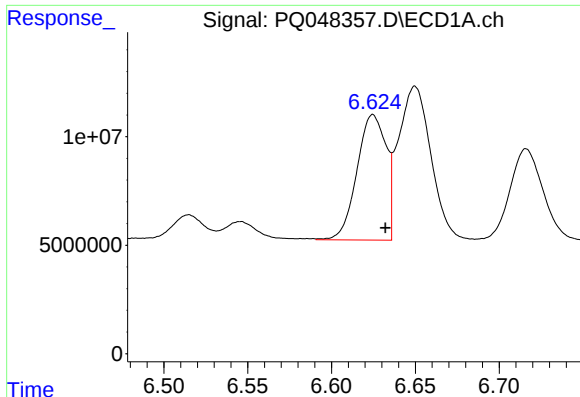
#20 AR-1242-5

R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 9066551
Conc: 53.36 ng/ml



#20 AR-1242-5

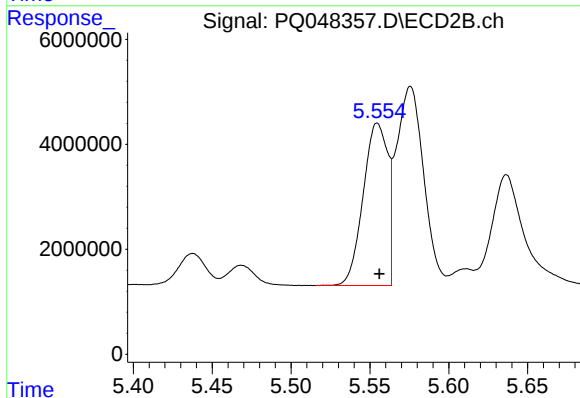
R.T.: 6.430 min
Delta R.T.: -0.001 min
Response: 22754707
Conc: 212.64 ng/ml



#21 AR-1248-1

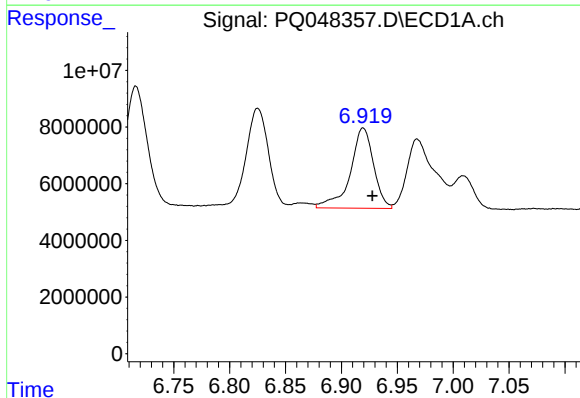
R.T.: 6.625 min
Delta R.T.: -0.007 min
Response: 69874132
Conc: 402.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



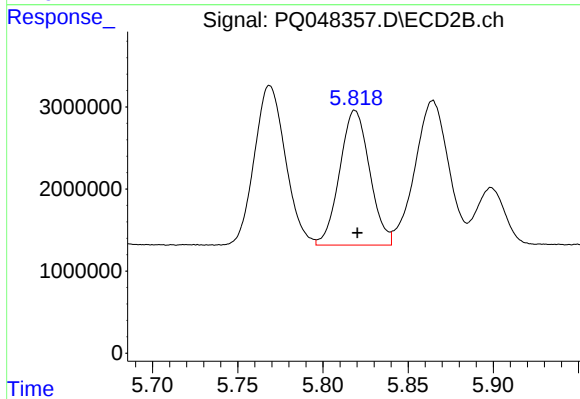
#21 AR-1248-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 33420200
Conc: 378.34 ng/ml



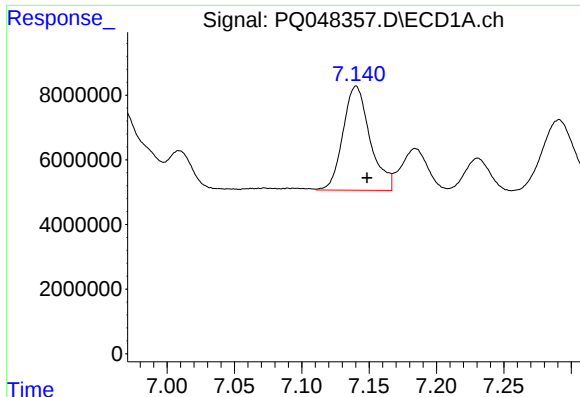
#22 AR-1248-2

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 41172883
Conc: 185.10 ng/ml



#22 AR-1248-2

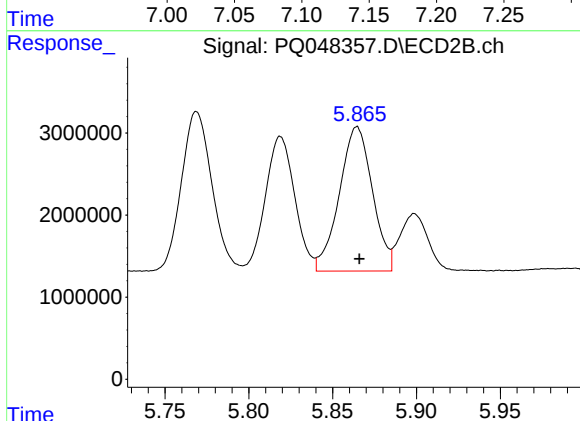
R.T.: 5.819 min
Delta R.T.: -0.001 min
Response: 20116897
Conc: 179.32 ng/ml



#23 AR-1248-3

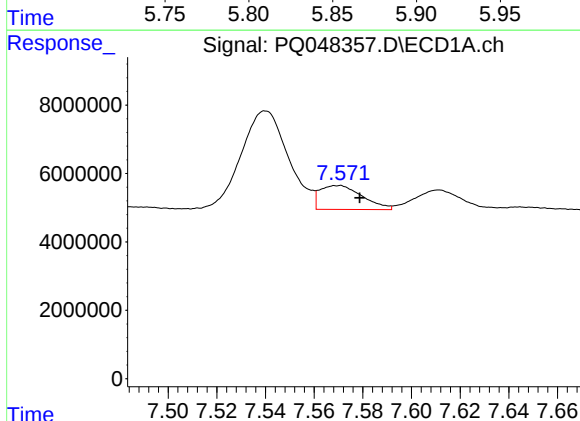
R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 44999933
Conc: 184.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



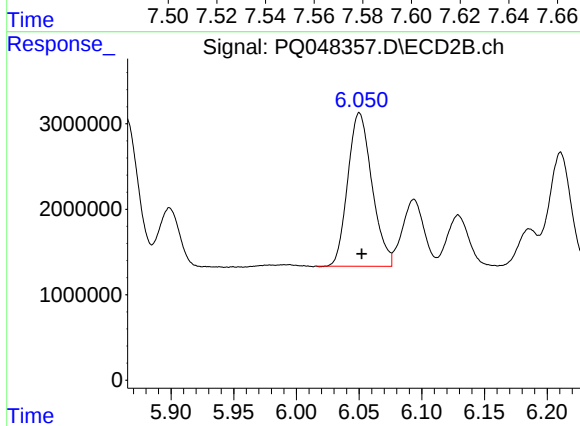
#23 AR-1248-3

R.T.: 5.864 min
Delta R.T.: -0.001 min
Response: 24172768
Conc: 212.44 ng/ml



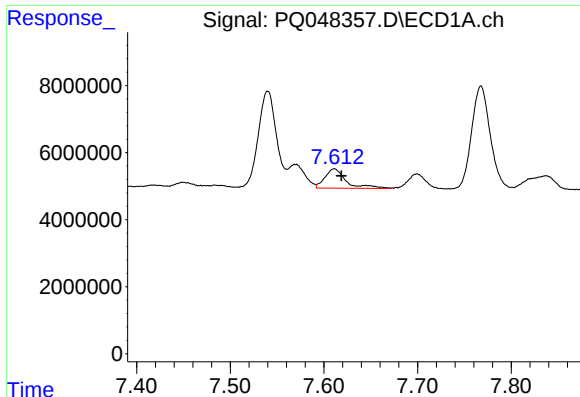
#24 AR-1248-4

R.T.: 7.569 min
Delta R.T.: -0.009 min
Response: 8508146
Conc: 30.76 ng/ml



#24 AR-1248-4

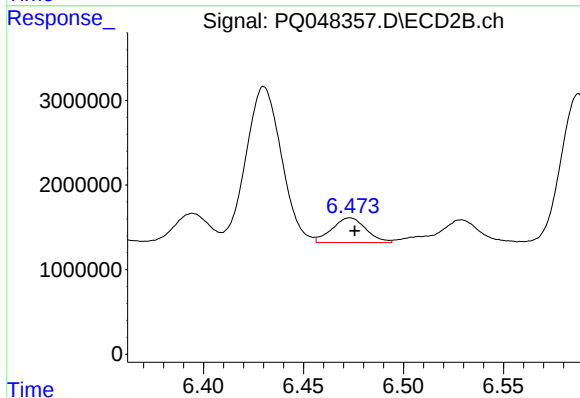
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 24093383
Conc: 177.61 ng/ml



#25 AR-1248-5

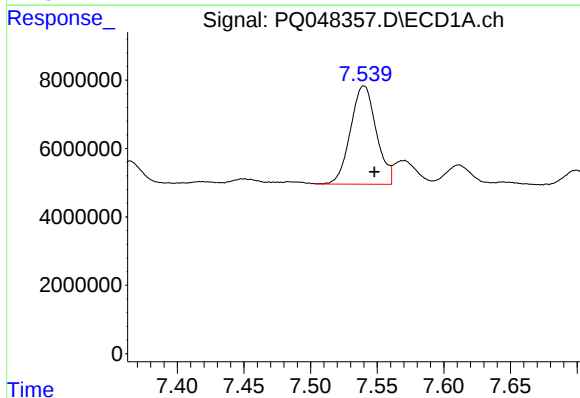
R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 9066551
Conc: 34.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



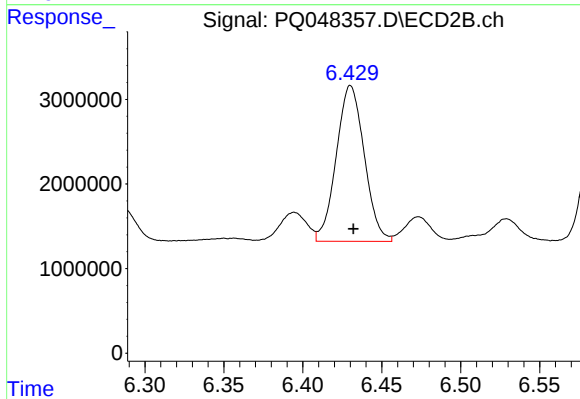
#25 AR-1248-5

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 3448804
Conc: 25.07 ng/ml



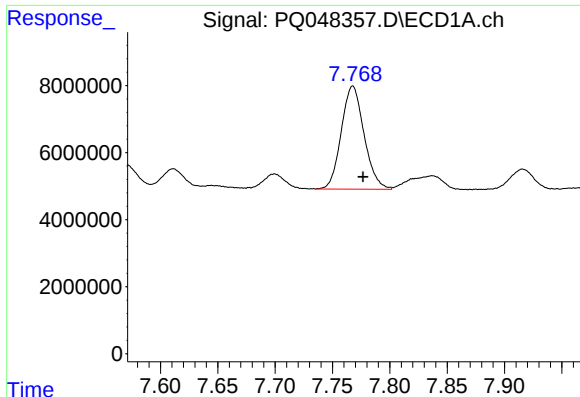
#26 AR-1254-1

R.T.: 7.540 min
Delta R.T.: -0.008 min
Response: 38723746
Conc: 129.27 ng/ml



#26 AR-1254-1

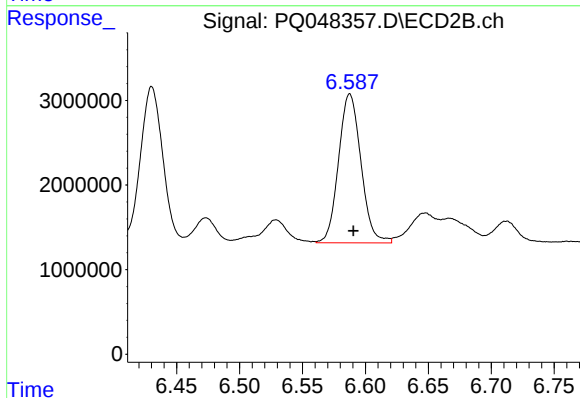
R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 22754707
Conc: 96.31 ng/ml



#27 AR-1254-2

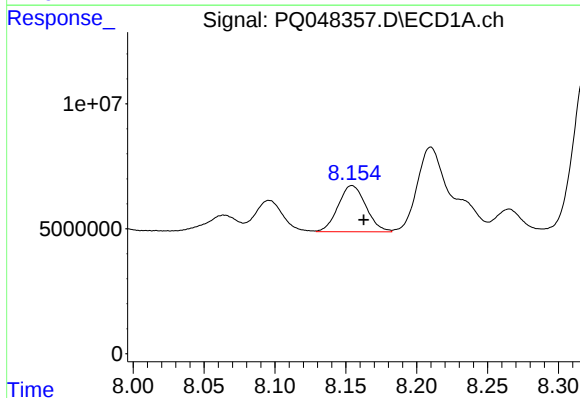
R.T.: 7.768 min
Delta R.T.: -0.009 min
Response: 42534537
Conc: 91.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



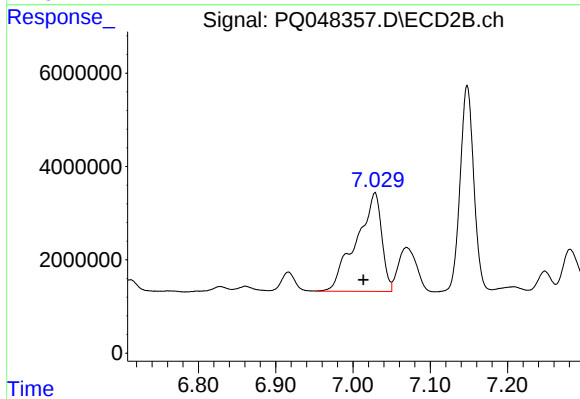
#27 AR-1254-2

R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 21801460
Conc: 106.31 ng/ml



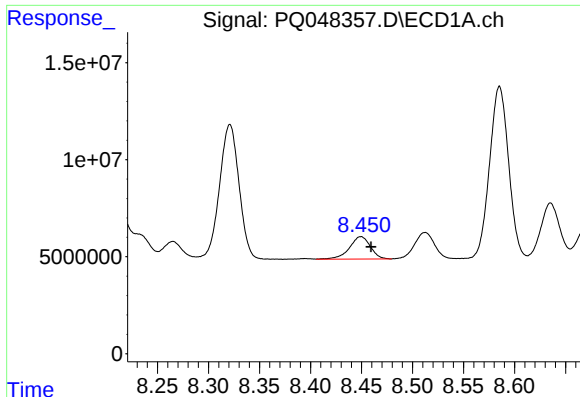
#28 AR-1254-3

R.T.: 8.154 min
Delta R.T.: -0.008 min
Response: 25218891
Conc: 51.74 ng/ml



#28 AR-1254-3

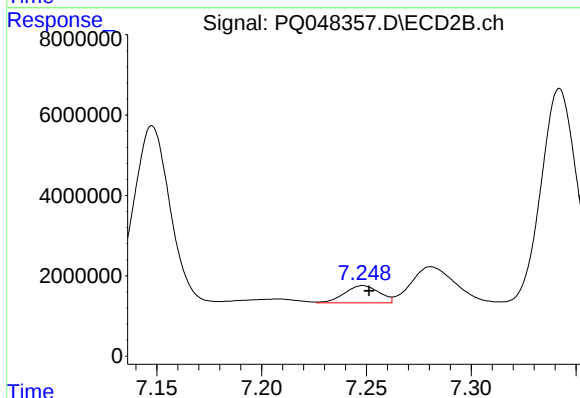
R.T.: 7.028 min
Delta R.T.: 0.015 min
Response: 48313499
Conc: 143.96 ng/ml



#29 AR-1254-4

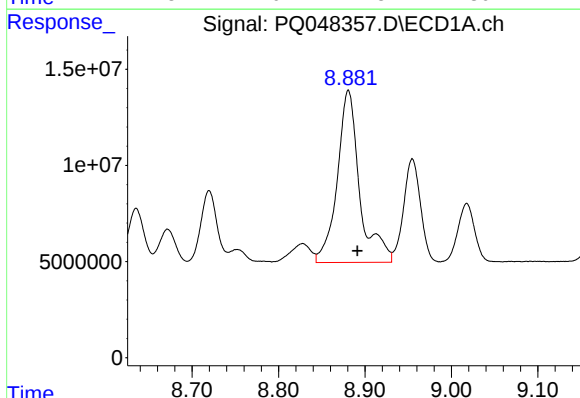
R.T.: 8.449 min
Delta R.T.: -0.010 min
Response: 16429235
Conc: 43.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



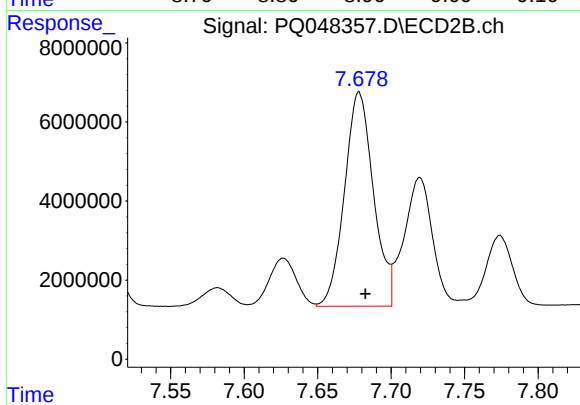
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: -0.003 min
Response: 4943415
Conc: 22.51 ng/ml



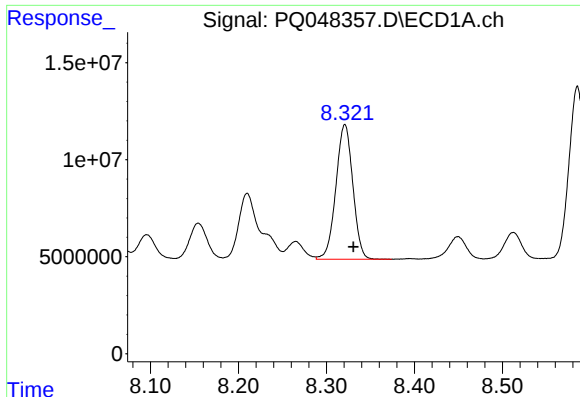
#30 AR-1254-5

R.T.: 8.881 min
Delta R.T.: -0.011 min
Response: 161393599
Conc: 403.81 ng/ml



#30 AR-1254-5

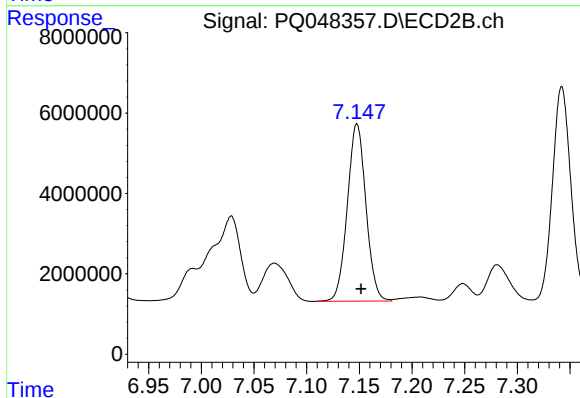
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 74339935
Conc: 254.47 ng/ml



#31 AR-1260-1

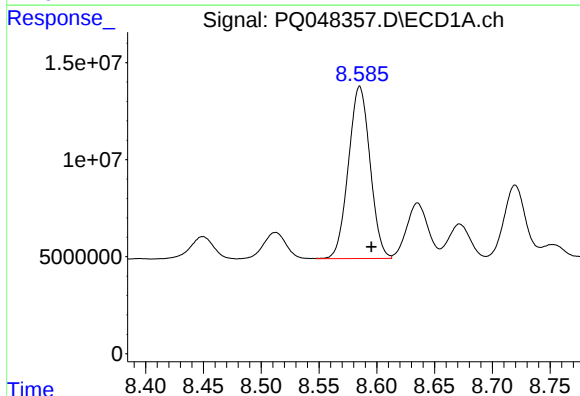
R.T.: 8.321 min
Delta R.T.: -0.010 min
Response: 92758423
Conc: 276.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



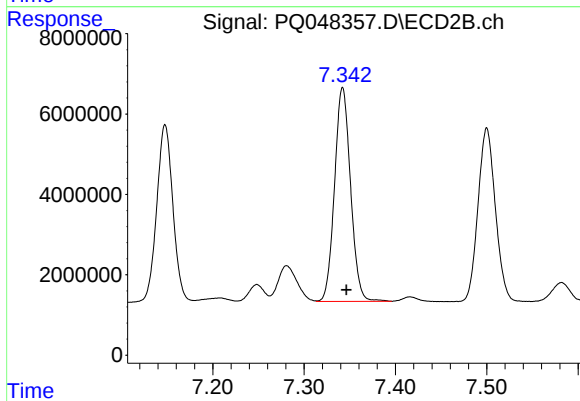
#31 AR-1260-1

R.T.: 7.148 min
Delta R.T.: -0.004 min
Response: 54328188
Conc: 270.51 ng/ml



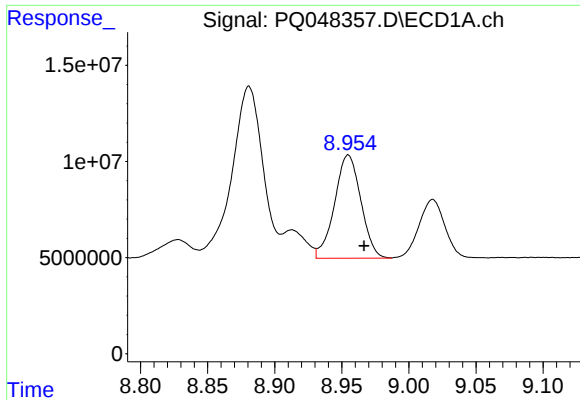
#32 AR-1260-2

R.T.: 8.585 min
Delta R.T.: -0.010 min
Response: 115615749
Conc: 288.20 ng/ml



#32 AR-1260-2

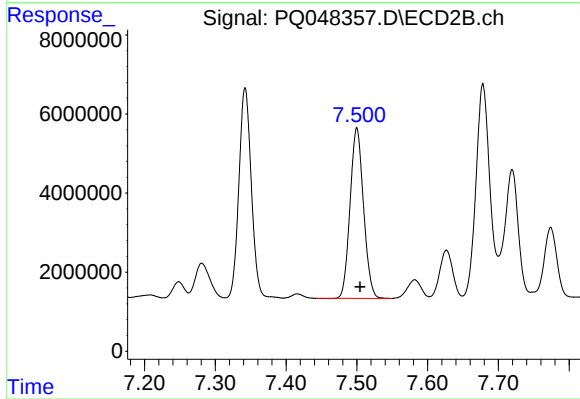
R.T.: 7.342 min
Delta R.T.: -0.004 min
Response: 64904365
Conc: 262.06 ng/ml



#33 AR-1260-3

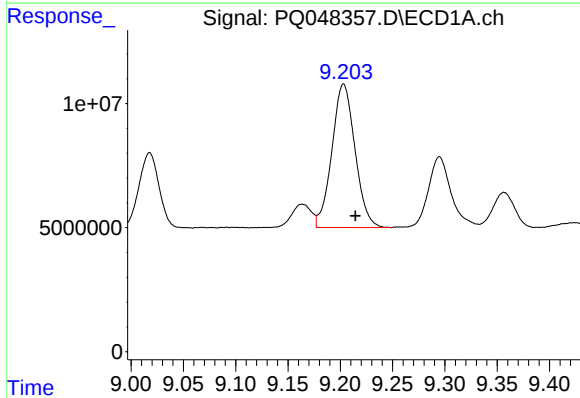
R.T.: 8.955 min
Delta R.T.: -0.012 min
Response: 73337524
Conc: 232.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



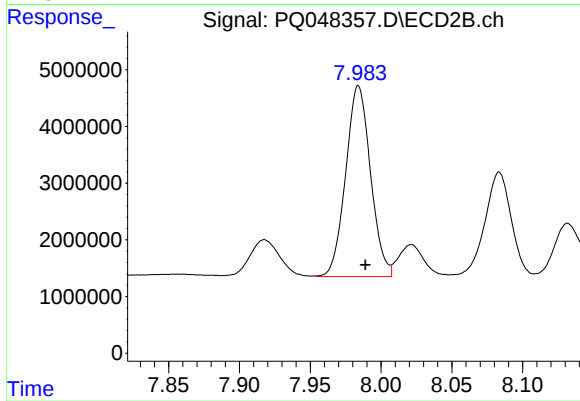
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 56851055
Conc: 252.14 ng/ml



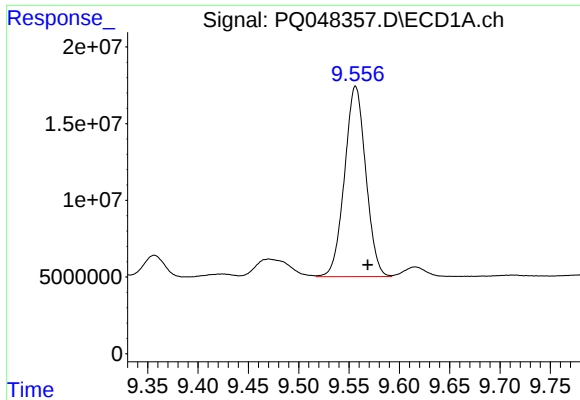
#34 AR-1260-4

R.T.: 9.203 min
Delta R.T.: -0.011 min
Response: 88929887
Conc: 240.98 ng/ml



#34 AR-1260-4

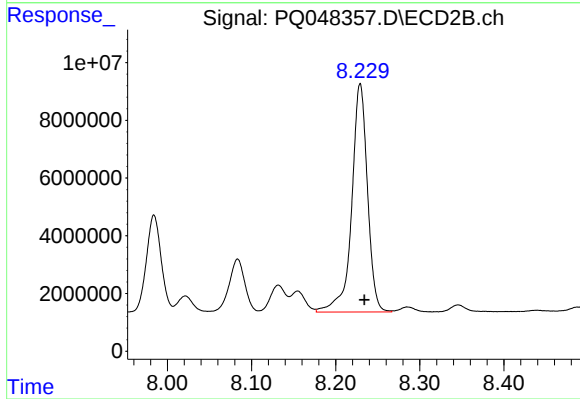
R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 41148520
Conc: 214.35 ng/ml



#35 AR-1260-5

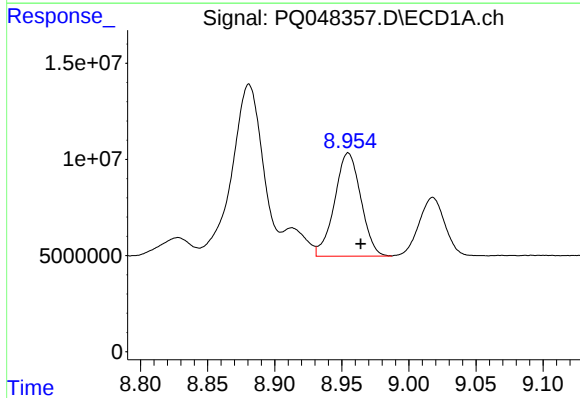
R.T.: 9.557 min
Delta R.T.: -0.012 min
Response: 182355741
Conc: 214.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



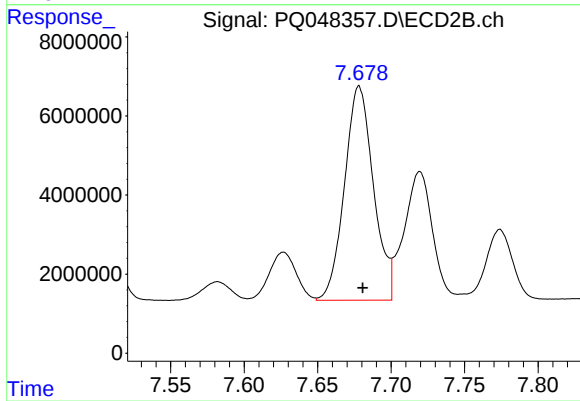
#35 AR-1260-5

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 103077491
Conc: 215.65 ng/ml



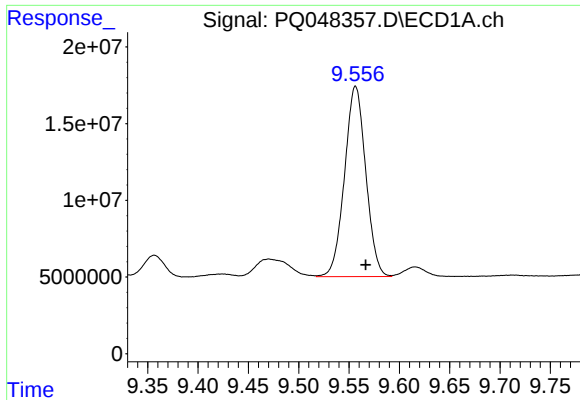
#36 AR-1262-1

R.T.: 8.955 min
Delta R.T.: -0.009 min
Response: 73337524
Conc: 169.05 ng/ml



#36 AR-1262-1

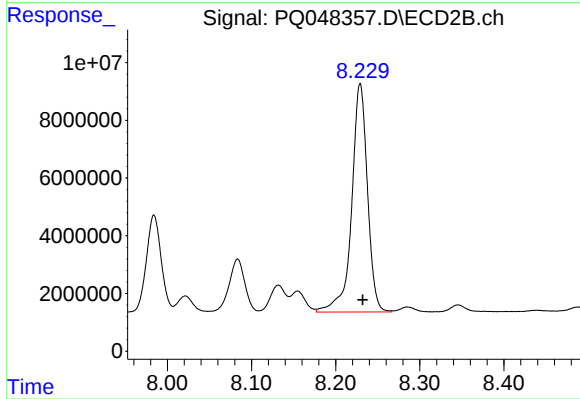
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 74339935
Conc: 525.30 ng/ml



#37 AR-1262-2

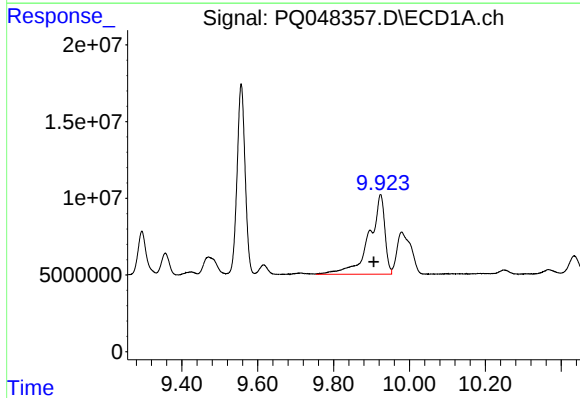
R.T.: 9.557 min
Delta R.T.: -0.010 min
Response: 182355741
Conc: 219.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



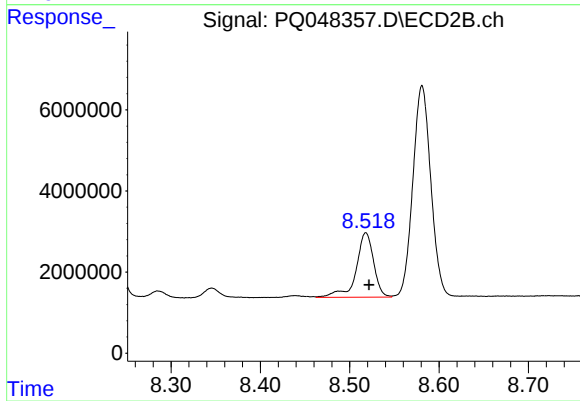
#37 AR-1262-2

R.T.: 8.229 min
Delta R.T.: -0.003 min
Response: 103077491
Conc: 195.54 ng/ml



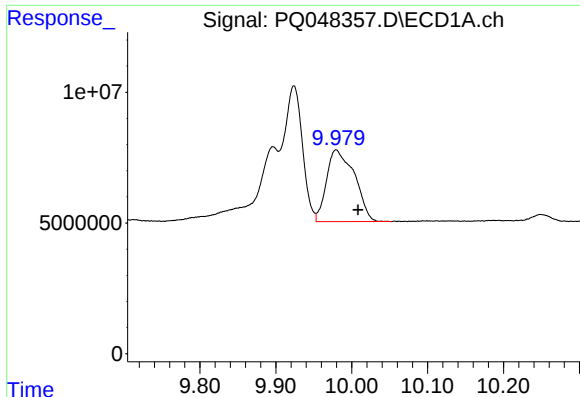
#38 AR-1262-3

R.T.: 9.924 min
Delta R.T.: 0.018 min
Response: 149690443
Conc: 386.41 ng/ml



#38 AR-1262-3

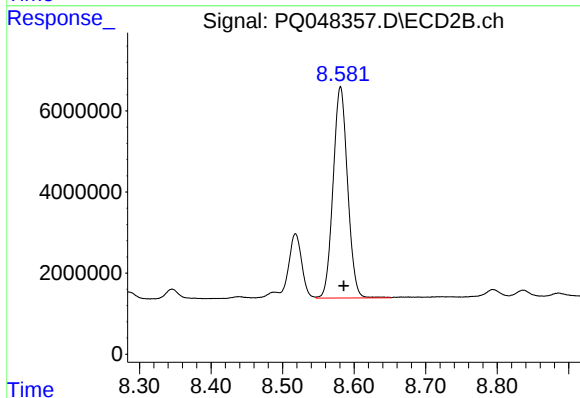
R.T.: 8.518 min
Delta R.T.: -0.003 min
Response: 21704562
Conc: 100.92 ng/ml



#39 AR-1262-4

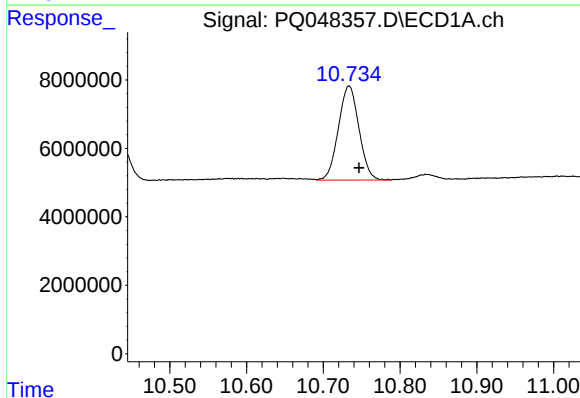
R.T.: 9.980 min
Delta R.T.: -0.029 min
Response: 70139154
Conc: 154.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



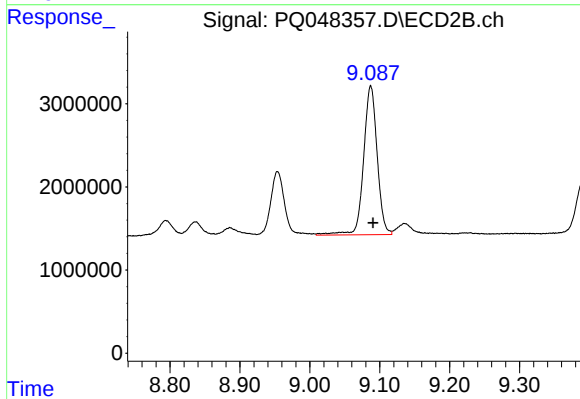
#39 AR-1262-4

R.T.: 8.581 min
Delta R.T.: -0.005 min
Response: 73304766
Conc: 190.45 ng/ml



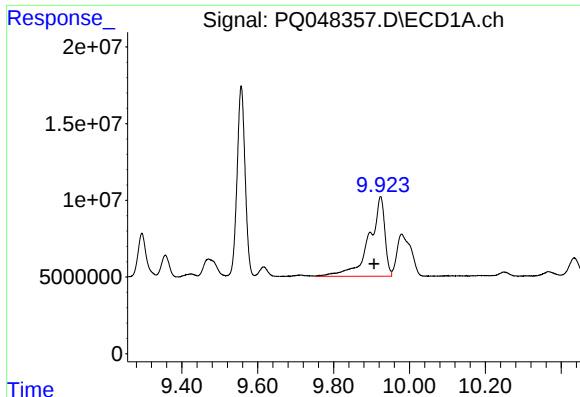
#40 AR-1262-5

R.T.: 10.733 min
Delta R.T.: -0.013 min
Response: 51075436
Conc: 151.34 ng/ml



#40 AR-1262-5

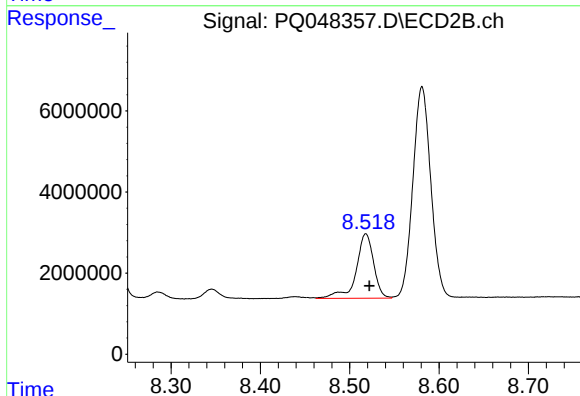
R.T.: 9.087 min
Delta R.T.: -0.004 min
Response: 24128324
Conc: 131.37 ng/ml



#41 AR-1268-1

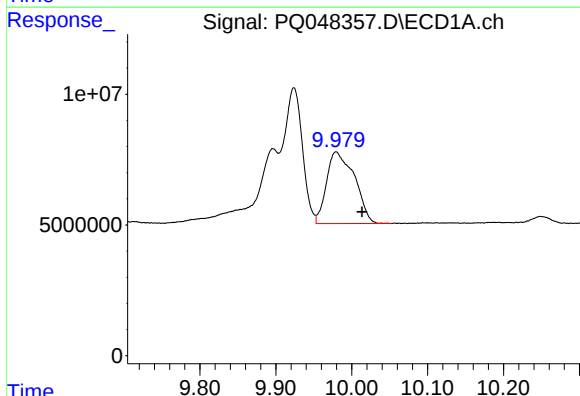
R.T.: 9.924 min
Delta R.T.: 0.017 min
Response: 149690443
Conc: 131.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



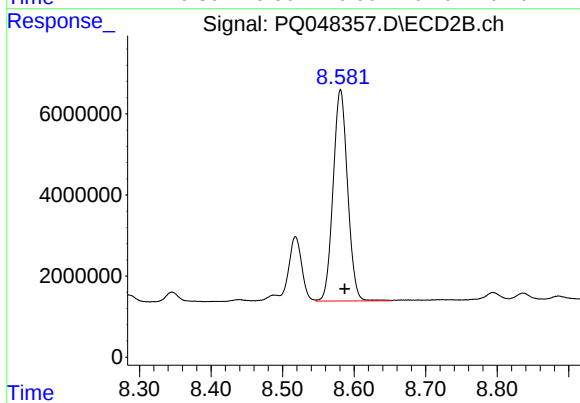
#41 AR-1268-1

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 21704562
Conc: 31.63 ng/ml



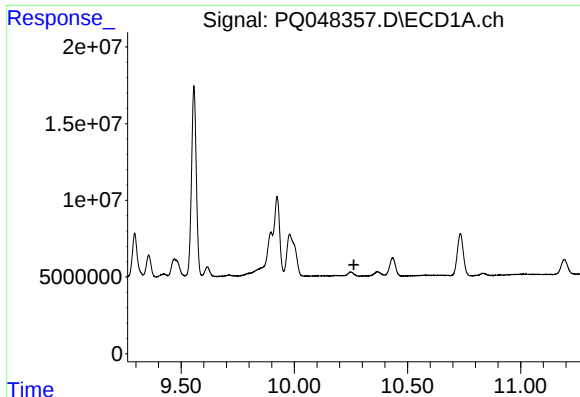
#42 AR-1268-2

R.T.: 9.980 min
Delta R.T.: -0.034 min
Response: 70139154
Conc: 64.23 ng/ml



#42 AR-1268-2

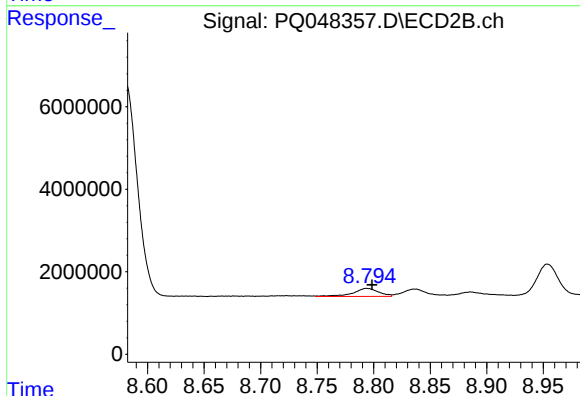
R.T.: 8.581 min
Delta R.T.: -0.006 min
Response: 73304766
Conc: 115.38 ng/ml



#43 AR-1268-3

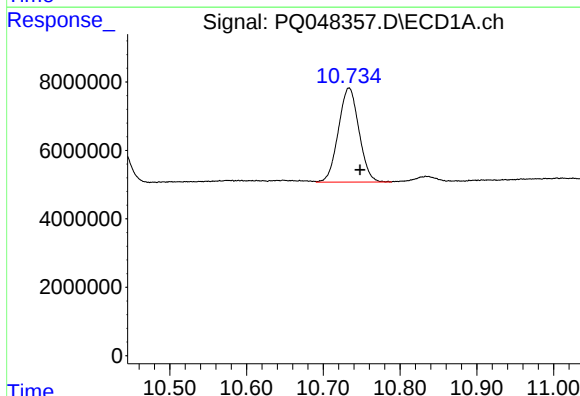
R.T.: 10.249 min
Delta R.T.: -0.014 min
Response: -7122168
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



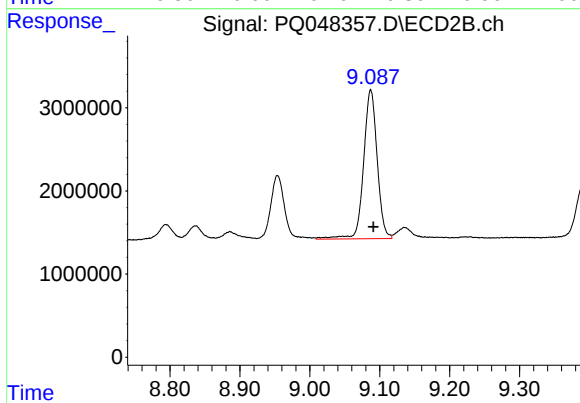
#43 AR-1268-3

R.T.: 8.794 min
Delta R.T.: -0.004 min
Response: 3070535
Conc: 5.80 ng/ml



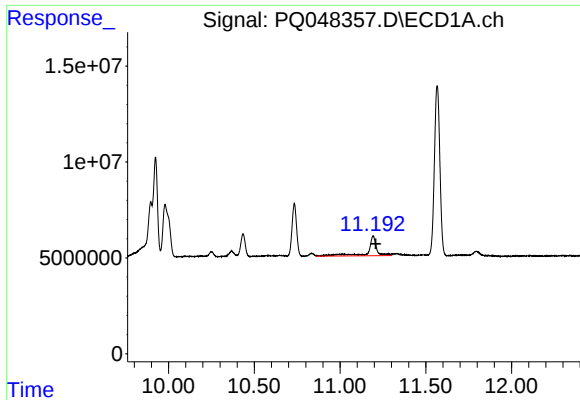
#44 AR-1268-4

R.T.: 10.733 min
Delta R.T.: -0.014 min
Response: 51075436
Conc: 121.00 ng/ml



#44 AR-1268-4

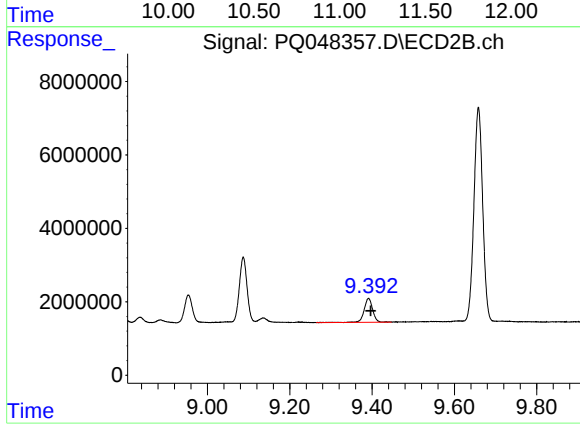
R.T.: 9.087 min
Delta R.T.: -0.004 min
Response: 24128324
Conc: 103.56 ng/ml



#45 AR-1268-5

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 36639070
Conc: 11.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.392 min
Delta R.T.: -0.005 min
Response: 9320428
Conc: 5.32 ng/ml