

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071420\
 Data File : PQ048689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2020 18:59
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 05:20:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 09 01:18:33 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...	5.276	4.287	356.3E6	171.6E6	51.160	49.251
2)	SA Decachlor...	11.530	9.652	376.0E6	199.0E6	48.975	49.447
Target Compounds							
3)	L1 AR-1016-1	6.608	5.552	127.6E6	67104213	493.788	485.722
4)	L1 AR-1016-2	6.632	5.572	178.4E6	94147663	500.857	502.318
5)	L1 AR-1016-3	6.698	5.766	106.5E6	48259100	491.327	530.966
6)	L1 AR-1016-4	6.808	5.816	88682246	39262405	496.156	534.074
7)	L1 AR-1016-5	7.122	6.048	83943293	38714426	482.175	437.125
8)	L2 AR-1221-1	5.523	4.544	10533722	5536164	139.302	137.570
9)	L2 AR-1221-2	5.630	4.646	16115448	7717469	280.428	268.672
10)	L2 AR-1221-3	5.717	4.735	61412571	30609464	335.381	329.340
11)	L3 AR-1232-1	5.717	4.735	61412571	30609464	423.512	413.148
12)	L3 AR-1232-2	6.312	5.572	85494762	94147663	1234.266	1214.385
13)	L3 AR-1232-3	6.632	5.766	178.4E6	48259100	1224.671	1280.770
14)	L3 AR-1232-4	6.808	5.861	88682246	46826425	1218.804	1384.462
15)	L3 AR-1232-5	6.901	6.048	76303664	38714426	1412.519	1082.795
16)	L4 AR-1242-1	6.608	5.552	127.6E6	67104213	616.120	616.623
17)	L4 AR-1242-2	6.632	5.572	178.4E6	94147663	638.053	619.938
18)	L4 AR-1242-3	6.698	5.766	106.5E6	48259100	622.666	642.596
19)	L4 AR-1242-4	6.808	5.861	88682246	46826425	628.238	639.692
20)	L4 AR-1242-5	7.592	6.427	17374124	43665762	116.987	434.040 #
21)	L5 AR-1248-1	6.608	5.552	127.6E6	67104213	832.036	815.358
22)	L5 AR-1248-2	6.901	5.816	76303664	39262405	385.018	383.020
23)	L5 AR-1248-3	7.122	5.861	83943293	46826425	381.689	443.899
24)	L5 AR-1248-4	7.551	6.048	17010841	38714426	67.139	317.225 #
25)	L5 AR-1248-5	7.592	6.469	17374124	6575994	72.144	48.308 #
26)	L6 AR-1254-1	7.522	6.427	75985808	43665762	290.261	198.539 #
27)	L6 AR-1254-2	7.748	6.585	72564280	38613008	178.569	202.612
28)	L6 AR-1254-3	8.135	7.025f	43574541	88252776	100.182	277.725 #
29)	L6 AR-1254-4	8.431	7.245	33824456	10435831	101.062	50.932 #
30)	L6 AR-1254-5	8.862	7.674	221.1E6	132.4E6	619.451	474.712
31)	L7 AR-1260-1	8.301	7.144	158.7E6	99554403	507.848	507.434
32)	L7 AR-1260-2	8.566	7.339	191.8E6	122.0E6	506.054	502.751
33)	L7 AR-1260-3	8.935	7.496	141.1E6	111.1E6	480.080	506.035
34)	L7 AR-1260-4	9.183	7.980	160.6E6	87764851	471.807	461.003
35)	L7 AR-1260-5	9.534	8.225	327.0E6	214.4E6	452.268	446.572
36)	L8 AR-1262-1	8.935	7.674	141.1E6	132.4E6	342.496	925.871 #
37)	L8 AR-1262-2	9.534	8.225	327.0E6	214.4E6	409.757	399.423
38)	L8 AR-1262-3	9.870	8.514	77124075	49911625	220.235	231.817
39)	L8 AR-1262-4	9.956f	8.576	134.2E6	154.1E6	318.860	392.843
40)	L8 AR-1262-5	10.706	9.083	100.0E6	54318351	314.348	291.720
41)	L9 AR-1268-1	9.870	8.514	77124075	49911625	77.242	77.077

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 Acq On : 14 Jul 2020 18:59
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

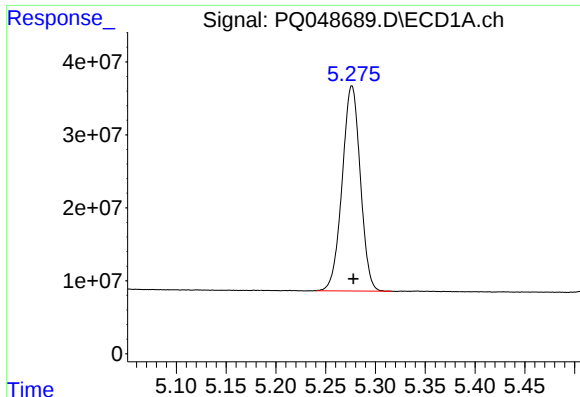
Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 05:20:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070820.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	9.956f	8.576	134.2E6	154.1E6	140.040	256.717 #
43) L9	AR-1268-3	10.221	8.789	5831235	3384311	7.121	6.839
44) L9	AR-1268-4	10.706	9.083	100.0E6	54318351	267.774	251.232
45) L9	AR-1268-5	11.161	9.385	29684790	15006691	10.333	9.015

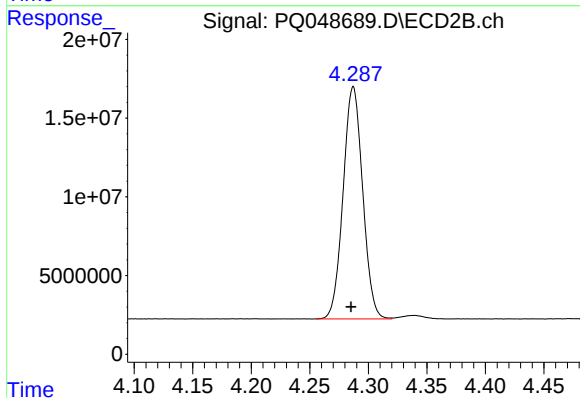
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

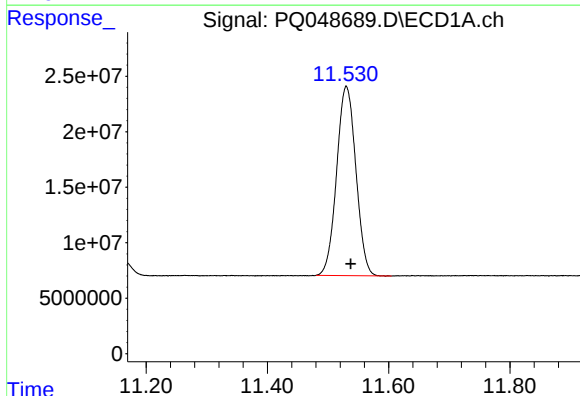
R.T.: 5.276 min
Delta R.T.: -0.002 min
Response: 356281045
Conc: 51.16 ng/ml

Instrument :
ECD_S
ClientSampleId :



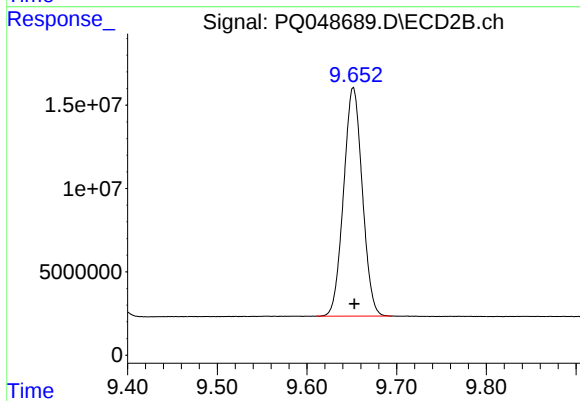
#1 Tetrachloro-m-xylene

R.T.: 4.287 min
Delta R.T.: 0.002 min
Response: 171586250
Conc: 49.25 ng/ml



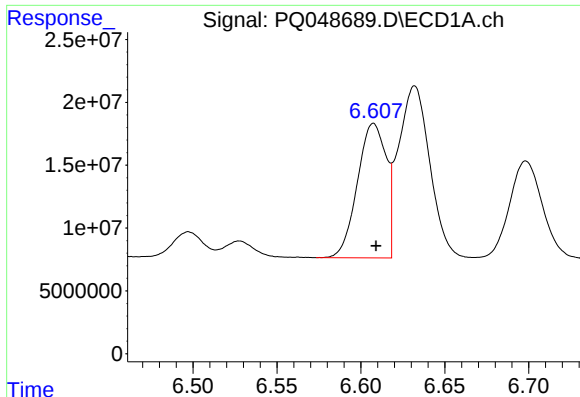
#2 Decachlorobiphenyl

R.T.: 11.530 min
Delta R.T.: -0.007 min
Response: 376037711
Conc: 48.98 ng/ml



#2 Decachlorobiphenyl

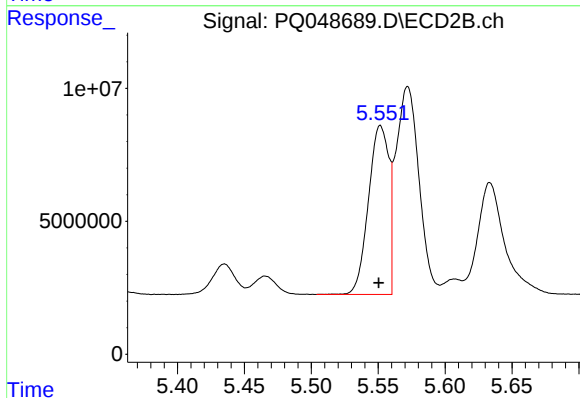
R.T.: 9.652 min
Delta R.T.: -0.001 min
Response: 198971490
Conc: 49.45 ng/ml



#3 AR-1016-1

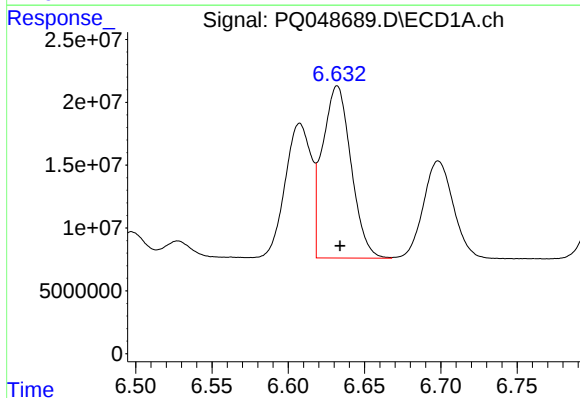
R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 127575445
Conc: 493.79 ng/ml

Instrument :
ECD_S
ClientSampleId :



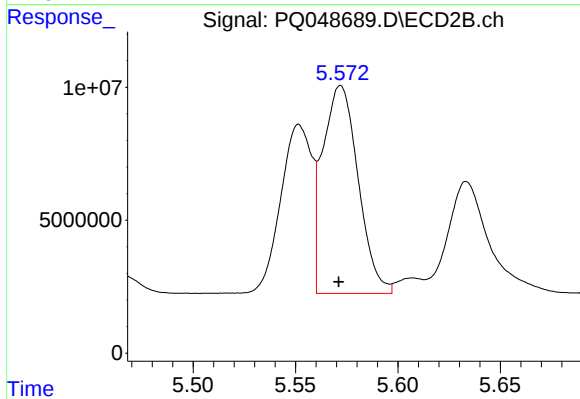
#3 AR-1016-1

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 67104213
Conc: 485.72 ng/ml



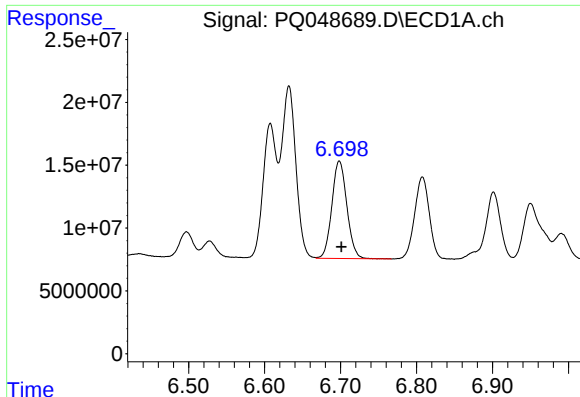
#4 AR-1016-2

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 178397330
Conc: 500.86 ng/ml



#4 AR-1016-2

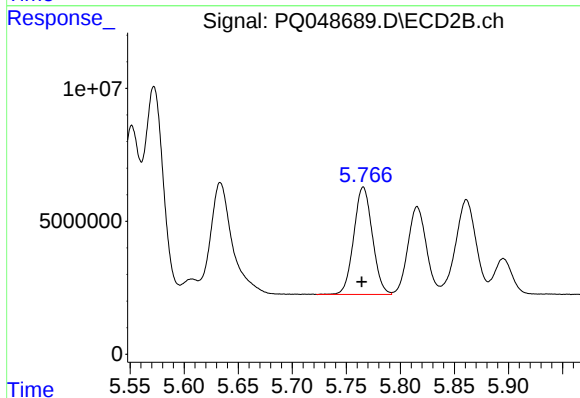
R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 94147663
Conc: 502.32 ng/ml



#5 AR-1016-3

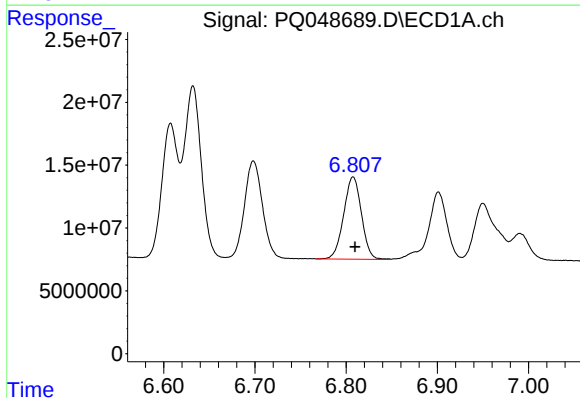
R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 106518006
Conc: 491.33 ng/ml

Instrument :
ECD_S
ClientSampleId :



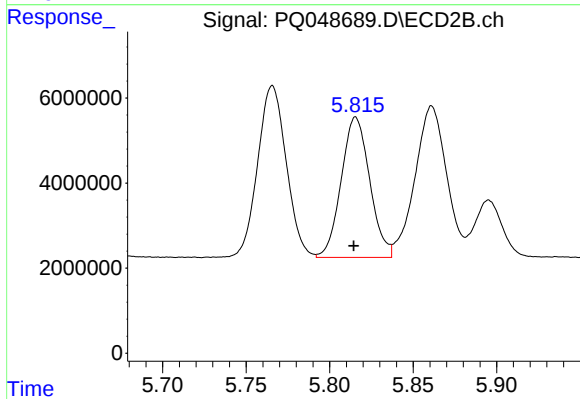
#5 AR-1016-3

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 48259100
Conc: 530.97 ng/ml



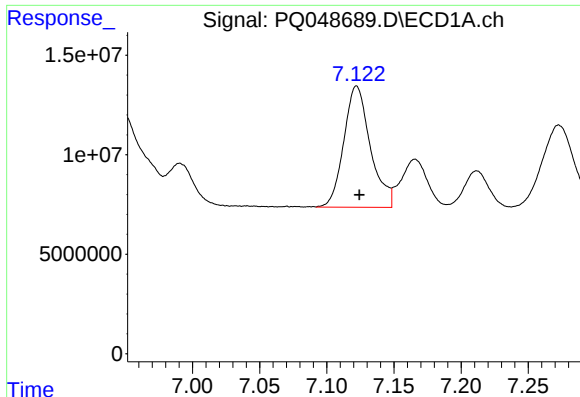
#6 AR-1016-4

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 88682246
Conc: 496.16 ng/ml



#6 AR-1016-4

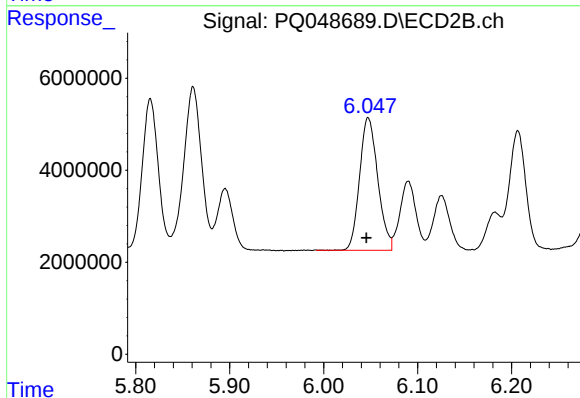
R.T.: 5.816 min
Delta R.T.: 0.001 min
Response: 39262405
Conc: 534.07 ng/ml



#7 AR-1016-5

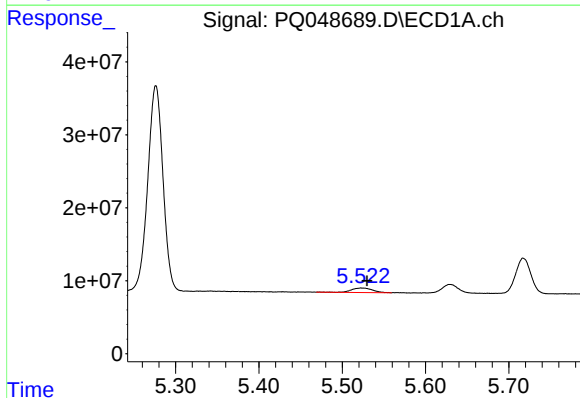
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 83943293
Conc: 482.17 ng/ml

Instrument :
ECD_S
ClientSampleId :



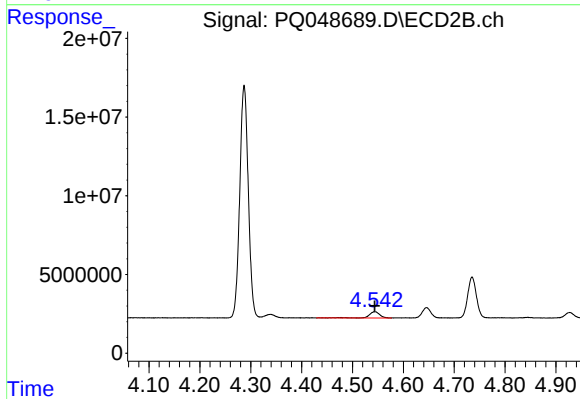
#7 AR-1016-5

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 38714426
Conc: 437.13 ng/ml



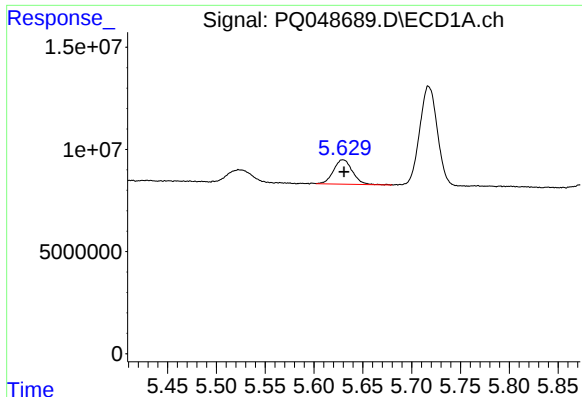
#8 AR-1221-1

R.T.: 5.523 min
Delta R.T.: -0.006 min
Response: 10533722
Conc: 139.30 ng/ml



#8 AR-1221-1

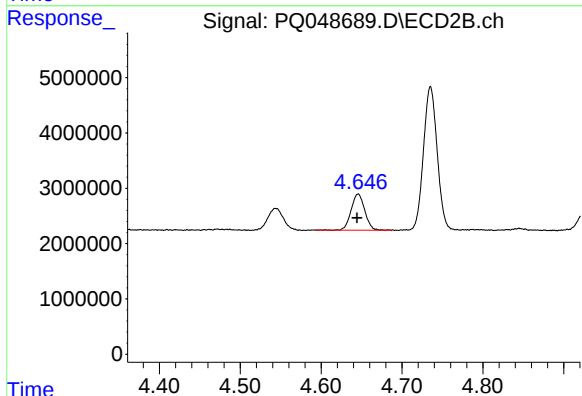
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 5536164
Conc: 137.57 ng/ml



#9 AR-1221-2

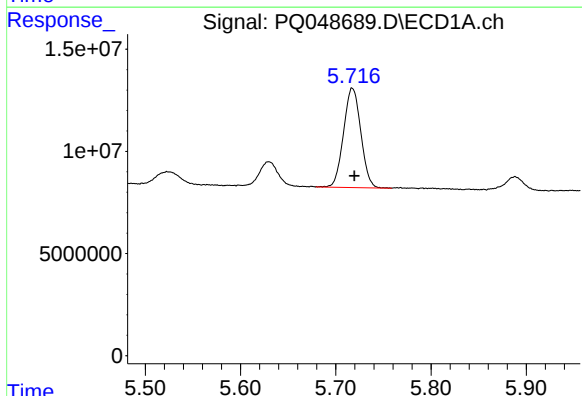
R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 16115448
Conc: 280.43 ng/ml

Instrument :
ECD_S
ClientSampleId :



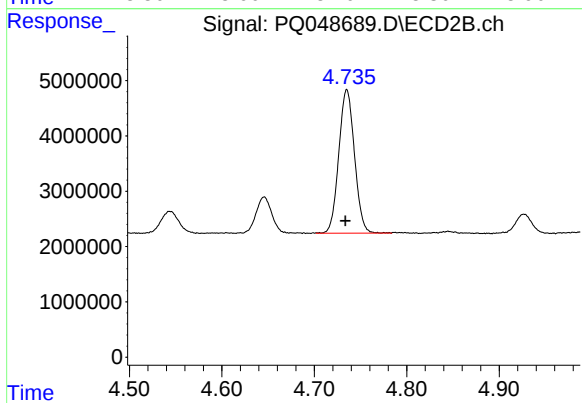
#9 AR-1221-2

R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 7717469
Conc: 268.67 ng/ml



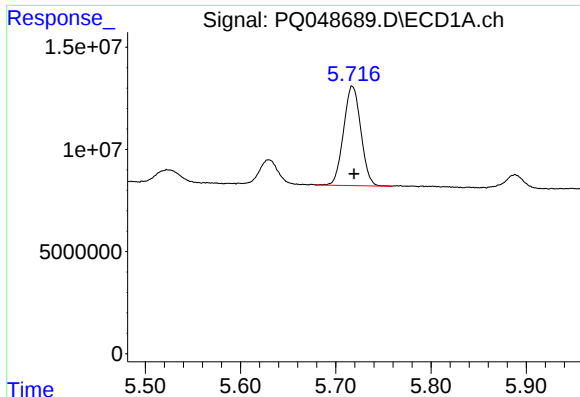
#10 AR-1221-3

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 61412571
Conc: 335.38 ng/ml



#10 AR-1221-3

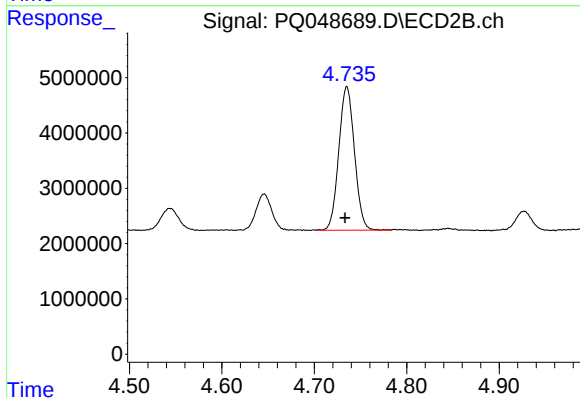
R.T.: 4.735 min
Delta R.T.: 0.001 min
Response: 30609464
Conc: 329.34 ng/ml



#11 AR-1232-1

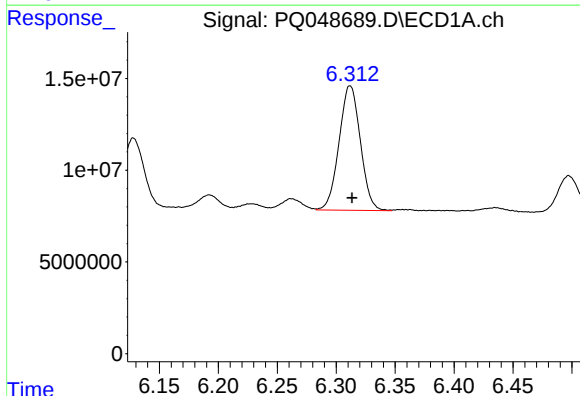
R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 61412571
Conc: 423.51 ng/ml

Instrument :
ECD_S
ClientSampleId :



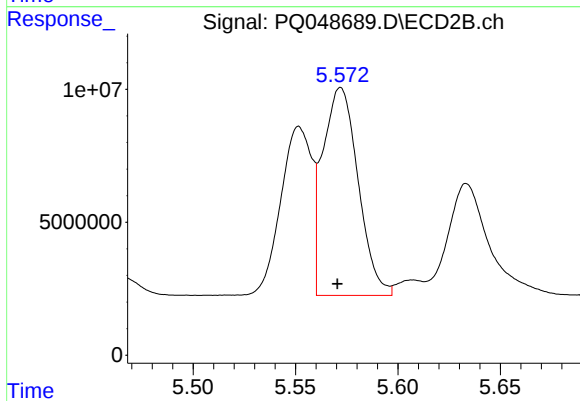
#11 AR-1232-1

R.T.: 4.735 min
Delta R.T.: 0.002 min
Response: 30609464
Conc: 413.15 ng/ml



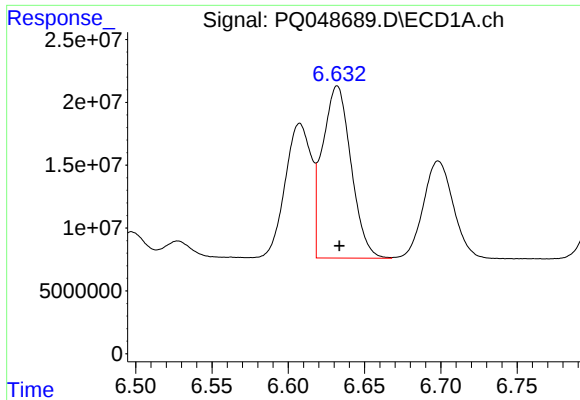
#12 AR-1232-2

R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 85494762
Conc: 1234.27 ng/ml



#12 AR-1232-2

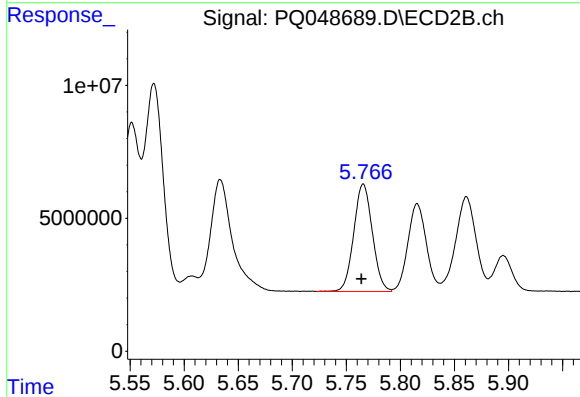
R.T.: 5.572 min
Delta R.T.: 0.001 min
Response: 94147663
Conc: 1214.39 ng/ml



#13 AR-1232-3

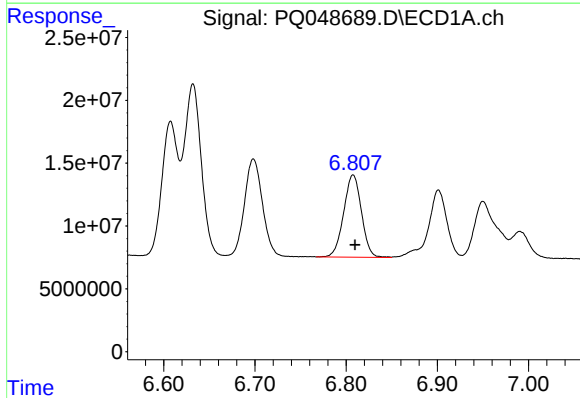
R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 178397330
Conc: 1224.67 ng/ml

Instrument :
ECD_S
ClientSampleId :



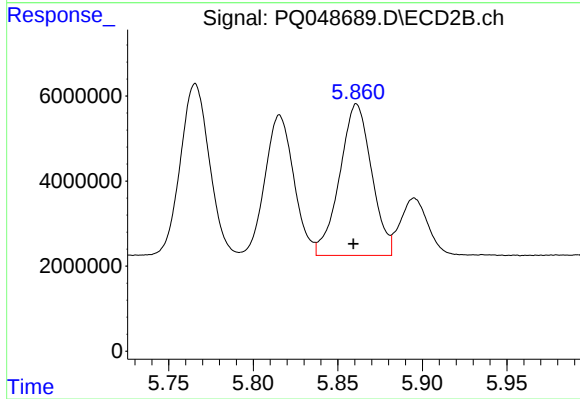
#13 AR-1232-3

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 48259100
Conc: 1280.77 ng/ml



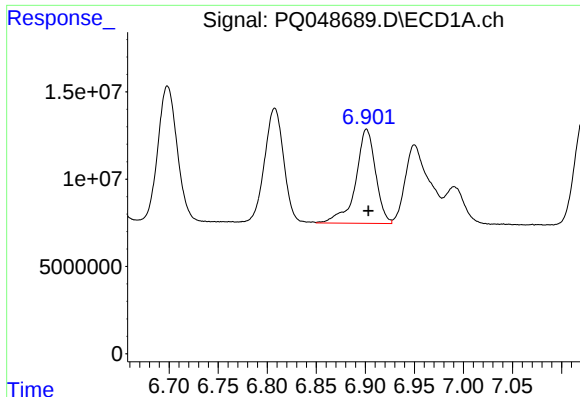
#14 AR-1232-4

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 88682246
Conc: 1218.80 ng/ml



#14 AR-1232-4

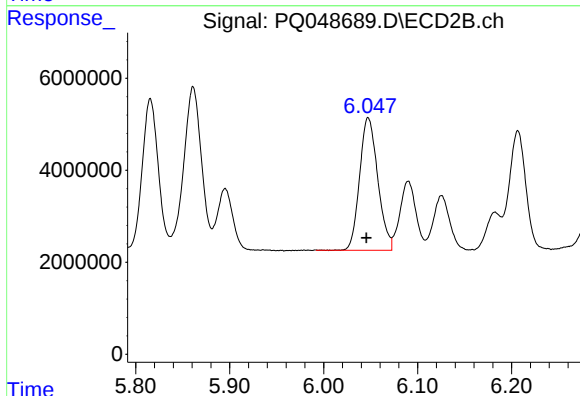
R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 46826425
Conc: 1384.46 ng/ml



#15 AR-1232-5

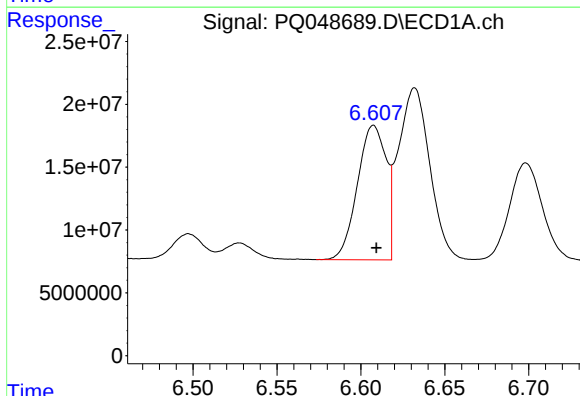
R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 76303664
Conc: 1412.52 ng/ml

Instrument :
ECD_S
ClientSampleId :



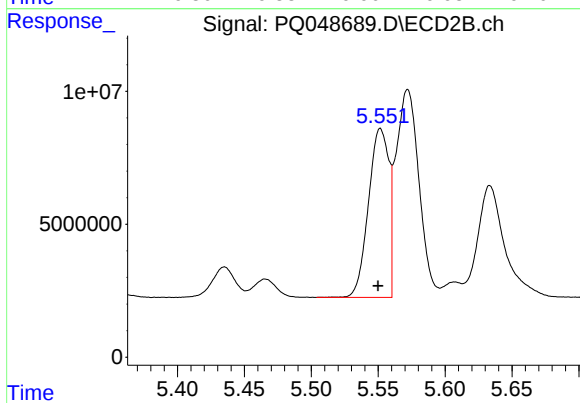
#15 AR-1232-5

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 38714426
Conc: 1082.79 ng/ml



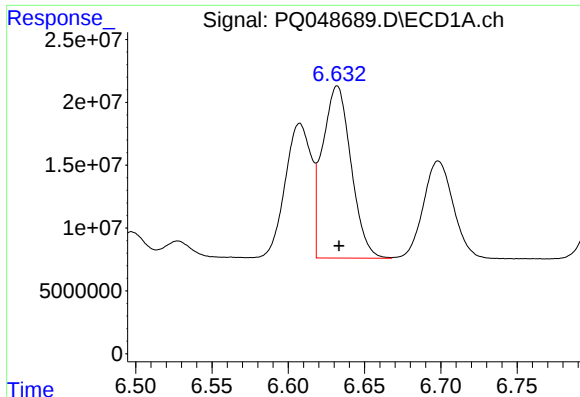
#16 AR-1242-1

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 127575445
Conc: 616.12 ng/ml



#16 AR-1242-1

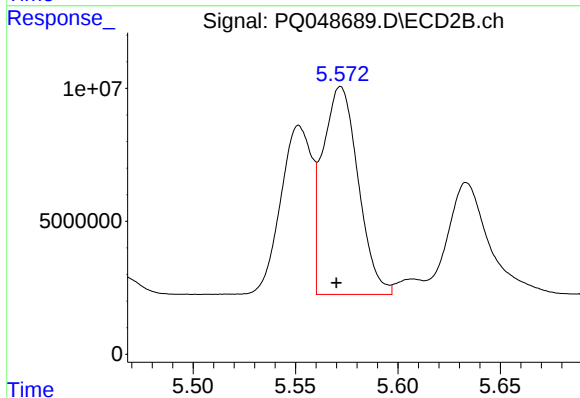
R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 67104213
Conc: 616.62 ng/ml



#17 AR-1242-2

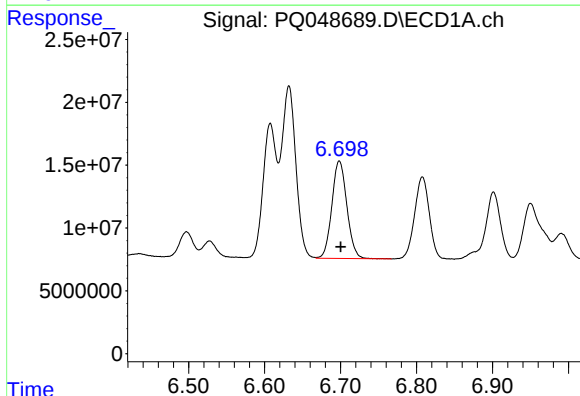
R.T.: 6.632 min
Delta R.T.: -0.001 min
Response: 178397330
Conc: 638.05 ng/ml

Instrument :
ECD_S
ClientSampleId :



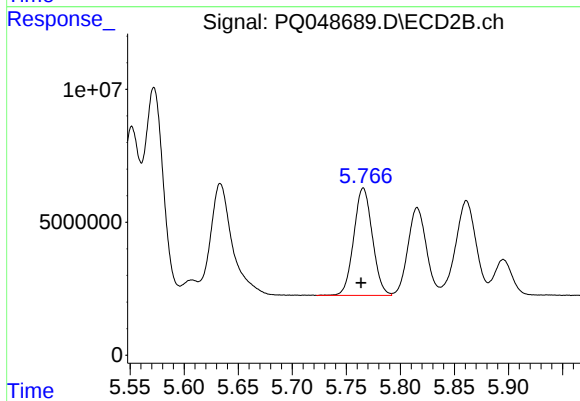
#17 AR-1242-2

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 94147663
Conc: 619.94 ng/ml



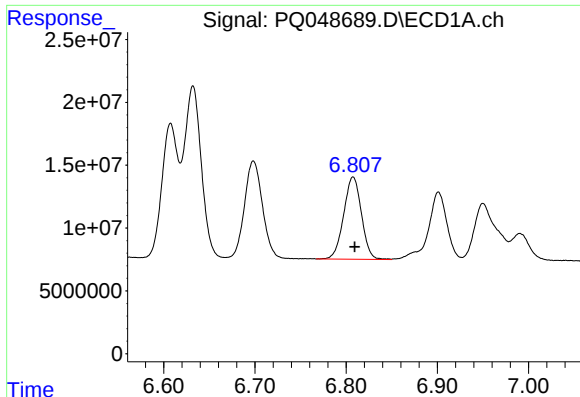
#18 AR-1242-3

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 106518006
Conc: 622.67 ng/ml



#18 AR-1242-3

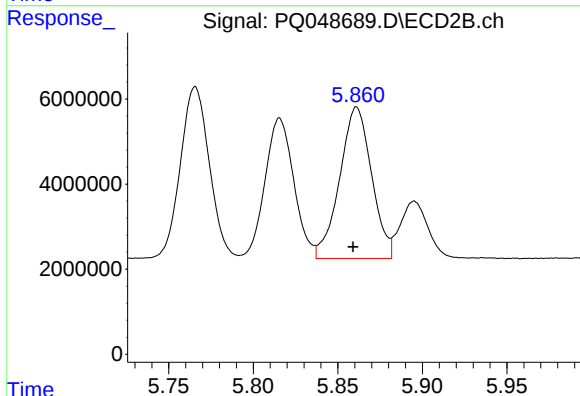
R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 48259100
Conc: 642.60 ng/ml



#19 AR-1242-4

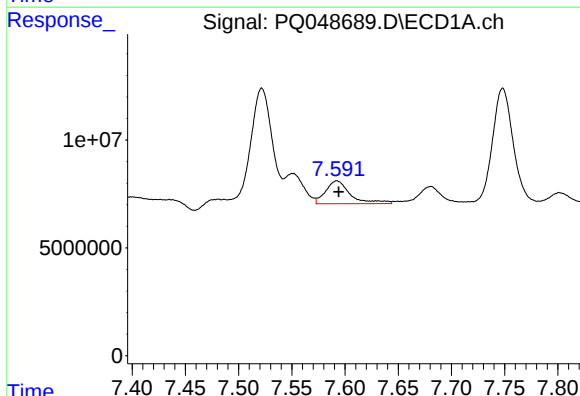
R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 88682246
Conc: 628.24 ng/ml

Instrument :
ECD_S
ClientSampleId :



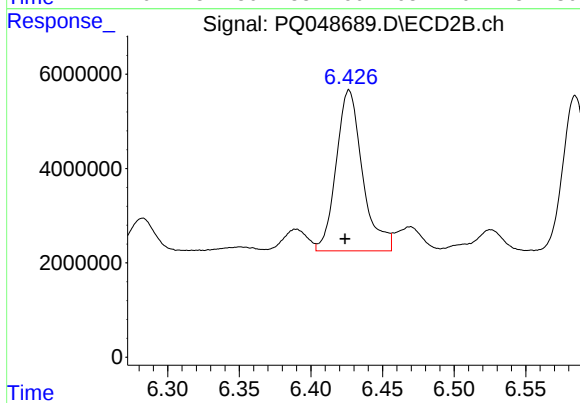
#19 AR-1242-4

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 46826425
Conc: 639.69 ng/ml



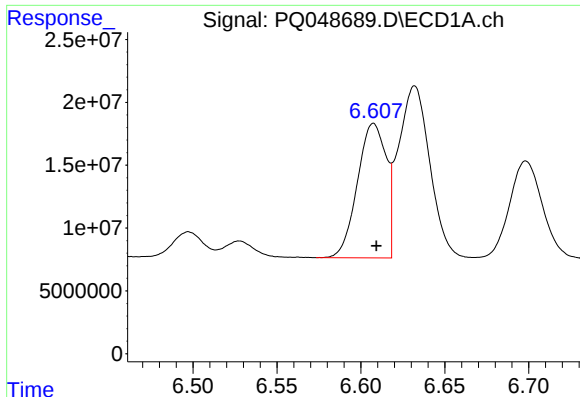
#20 AR-1242-5

R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 17374124
Conc: 116.99 ng/ml



#20 AR-1242-5

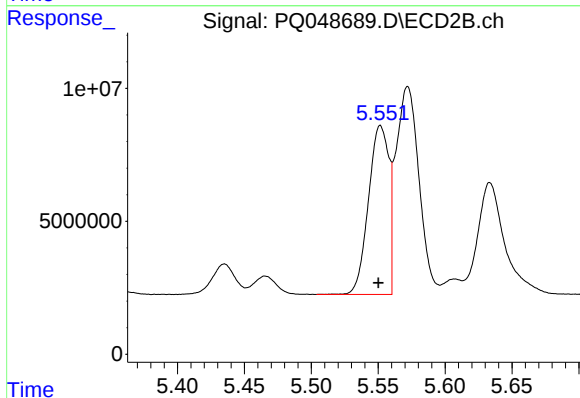
R.T.: 6.427 min
Delta R.T.: 0.003 min
Response: 43665762
Conc: 434.04 ng/ml



#21 AR-1248-1

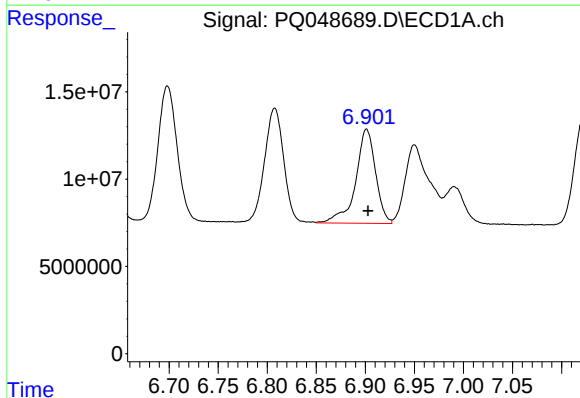
R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 127575445
Conc: 832.04 ng/ml

Instrument :
ECD_S
ClientSampleId :



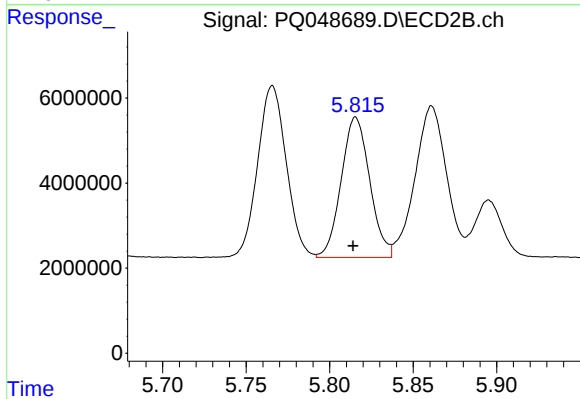
#21 AR-1248-1

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 67104213
Conc: 815.36 ng/ml



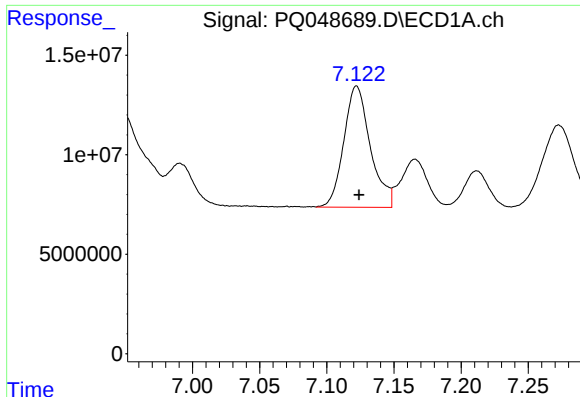
#22 AR-1248-2

R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 76303664
Conc: 385.02 ng/ml



#22 AR-1248-2

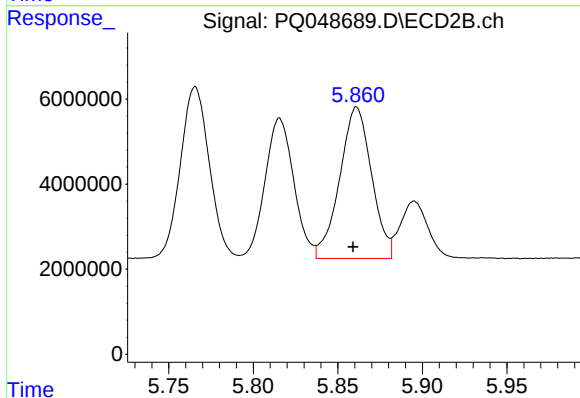
R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 39262405
Conc: 383.02 ng/ml



#23 AR-1248-3

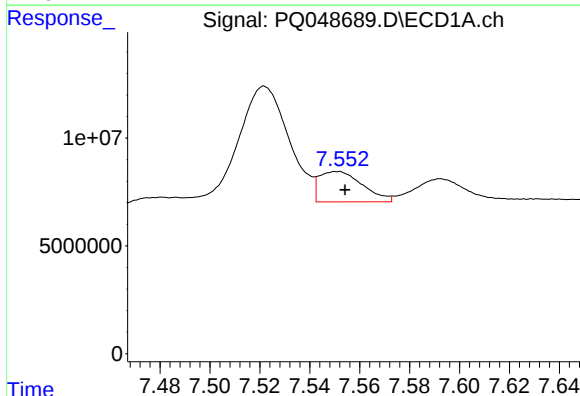
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 83943293
Conc: 381.69 ng/ml

Instrument :
ECD_S
ClientSampleId :



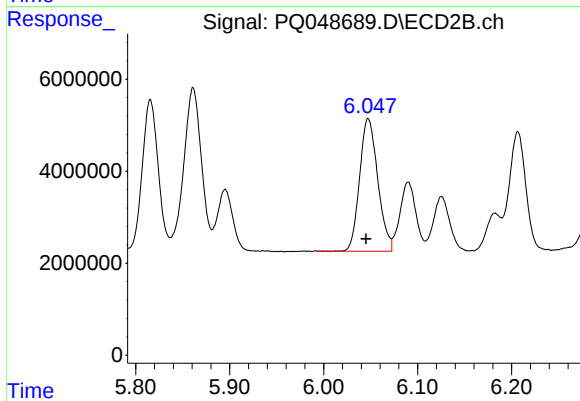
#23 AR-1248-3

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 46826425
Conc: 443.90 ng/ml



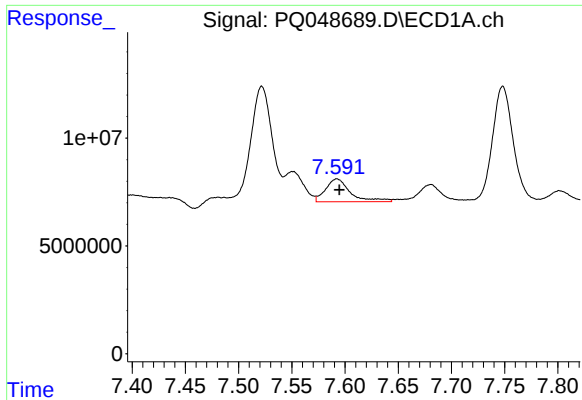
#24 AR-1248-4

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 17010841
Conc: 67.14 ng/ml



#24 AR-1248-4

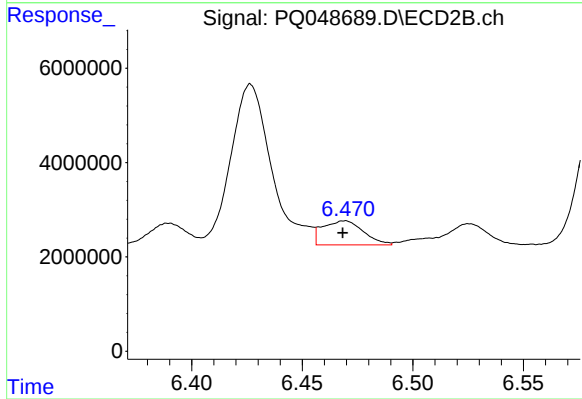
R.T.: 6.048 min
Delta R.T.: 0.003 min
Response: 38714426
Conc: 317.22 ng/ml



#25 AR-1248-5

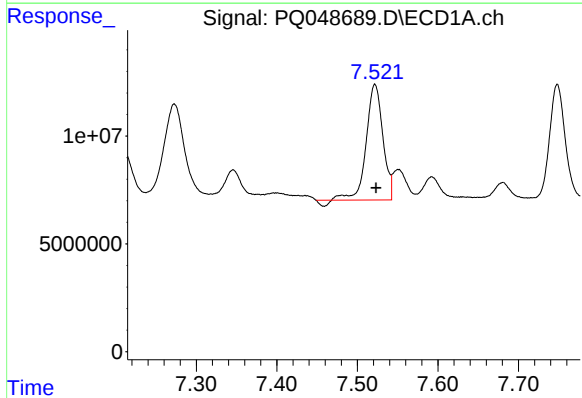
R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 17374124
Conc: 72.14 ng/ml

Instrument :
ECD_S
ClientSampleId :



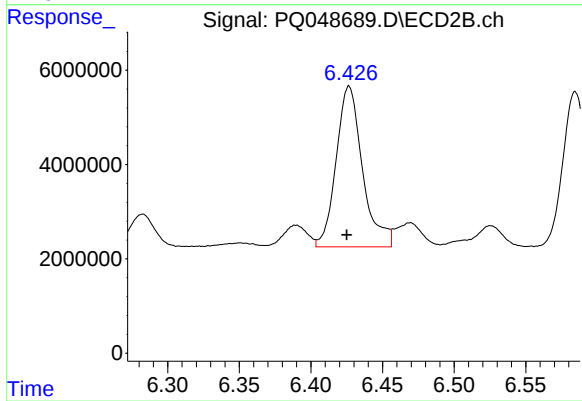
#25 AR-1248-5

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 6575994
Conc: 48.31 ng/ml



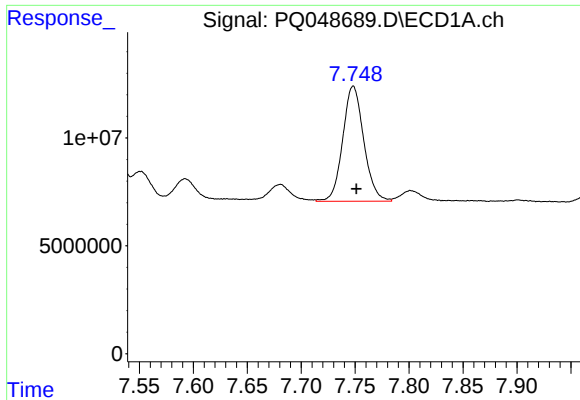
#26 AR-1254-1

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 75985808
Conc: 290.26 ng/ml



#26 AR-1254-1

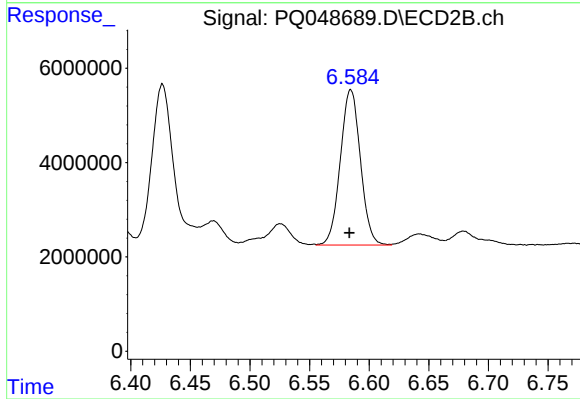
R.T.: 6.427 min
Delta R.T.: 0.002 min
Response: 43665762
Conc: 198.54 ng/ml



#27 AR-1254-2

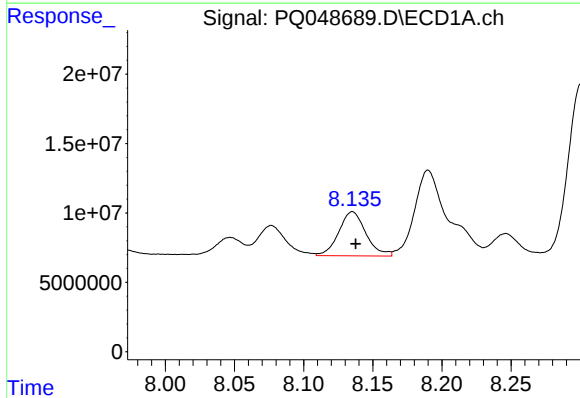
R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 72564280
Conc: 178.57 ng/ml

Instrument :
ECD_S
ClientSampleId :



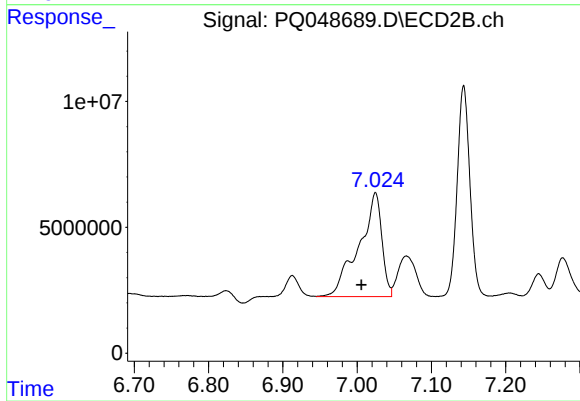
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 38613008
Conc: 202.61 ng/ml



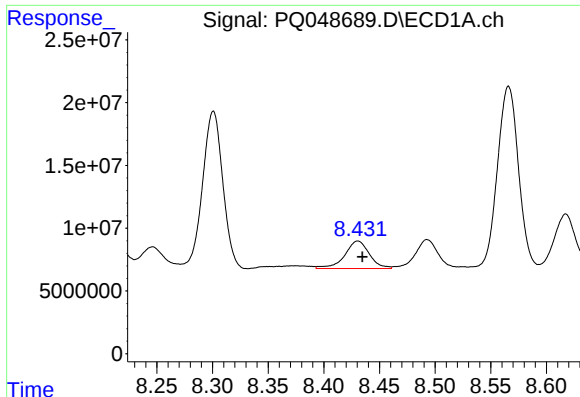
#28 AR-1254-3

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 43574541
Conc: 100.18 ng/ml



#28 AR-1254-3

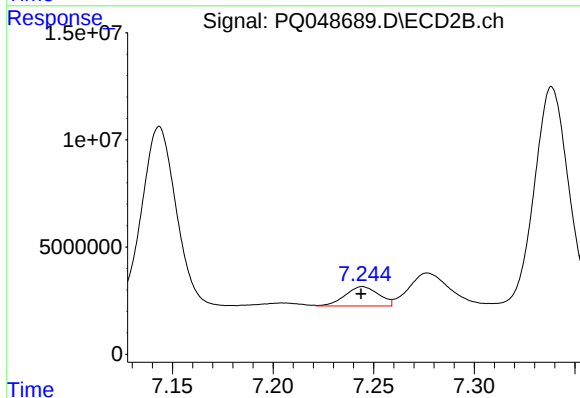
R.T.: 7.025 min
Delta R.T.: 0.019 min
Response: 88252776
Conc: 277.73 ng/ml



#29 AR-1254-4

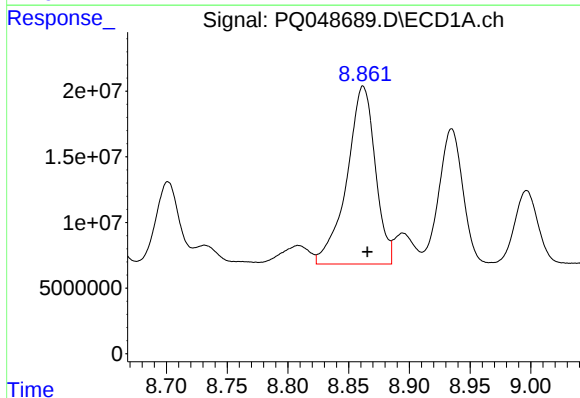
R.T.: 8.431 min
Delta R.T.: -0.004 min
Response: 33824456
Conc: 101.06 ng/ml

Instrument :
ECD_S
ClientSampleId :



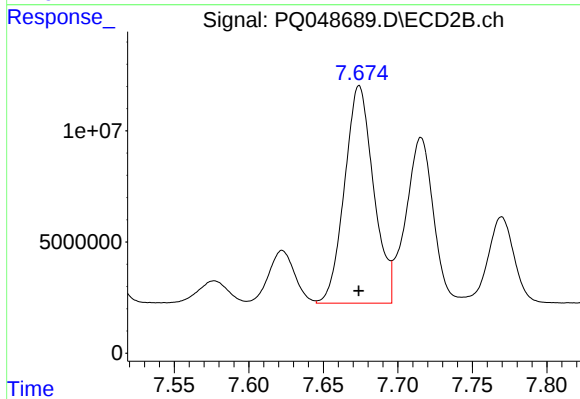
#29 AR-1254-4

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 10435831
Conc: 50.93 ng/ml



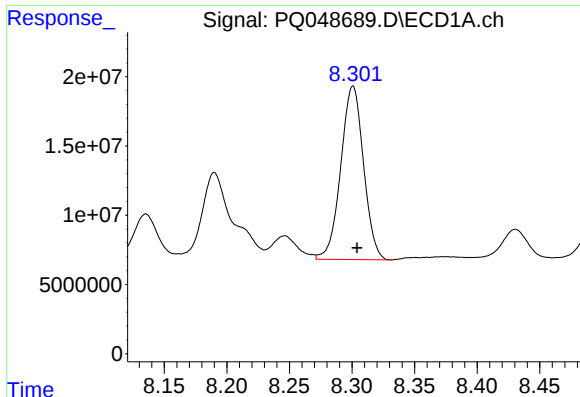
#30 AR-1254-5

R.T.: 8.862 min
Delta R.T.: -0.004 min
Response: 221071653
Conc: 619.45 ng/ml



#30 AR-1254-5

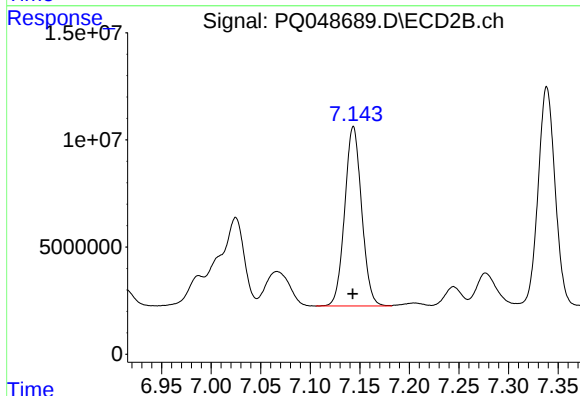
R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 132366573
Conc: 474.71 ng/ml



#31 AR-1260-1

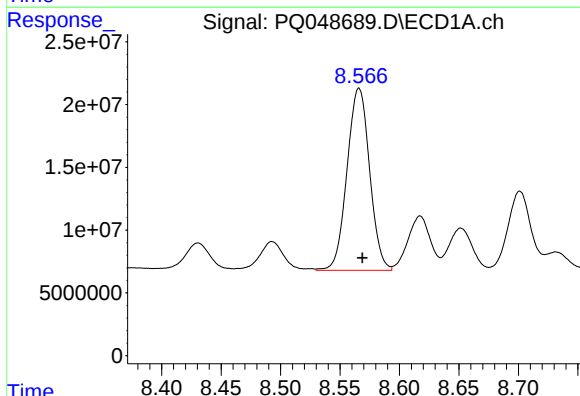
R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 158740573
Conc: 507.85 ng/ml

Instrument :
ECD_S
ClientSampleId :



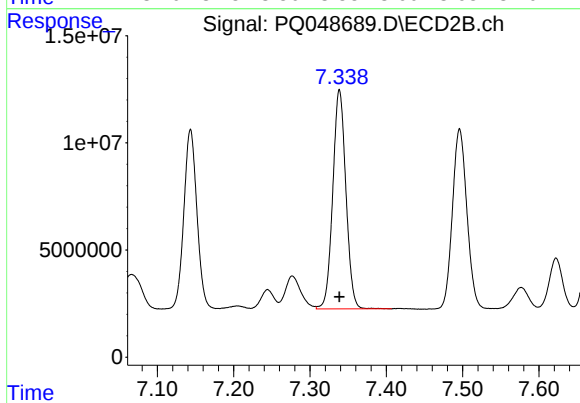
#31 AR-1260-1

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 99554403
Conc: 507.43 ng/ml



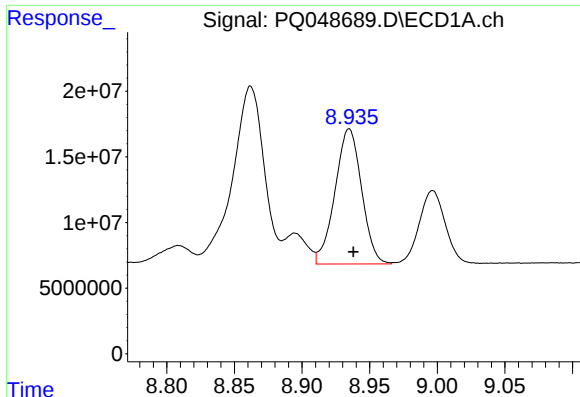
#32 AR-1260-2

R.T.: 8.566 min
Delta R.T.: -0.003 min
Response: 191800433
Conc: 506.05 ng/ml



#32 AR-1260-2

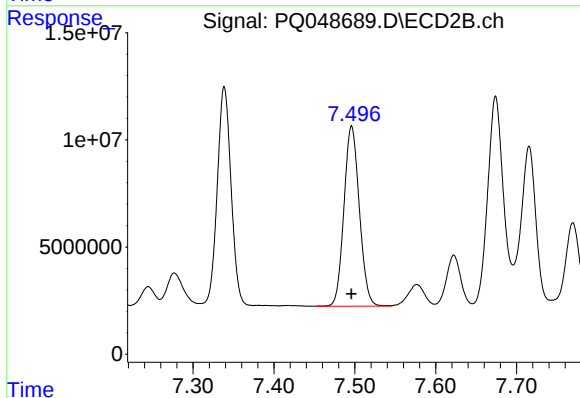
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 122016929
Conc: 502.75 ng/ml



#33 AR-1260-3

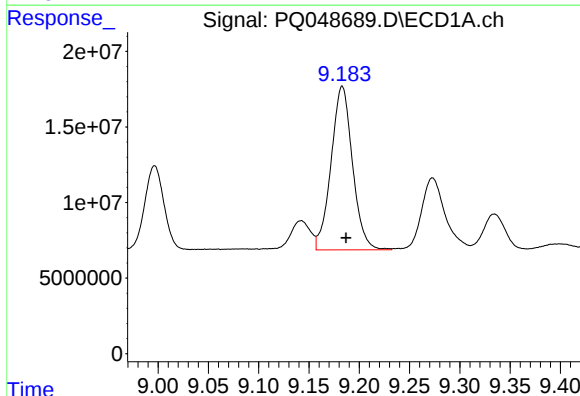
R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 141073175
Conc: 480.08 ng/ml

Instrument :
ECD_S
ClientSampleId :



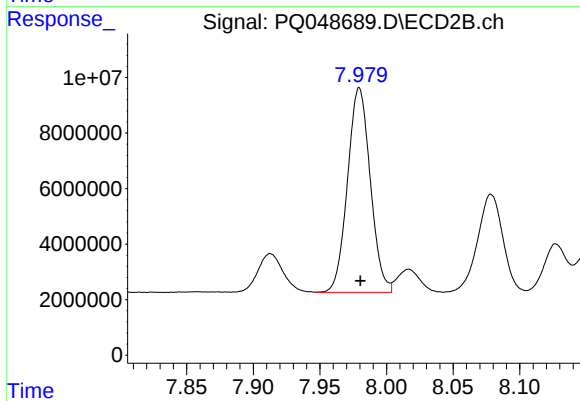
#33 AR-1260-3

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 111117085
Conc: 506.03 ng/ml



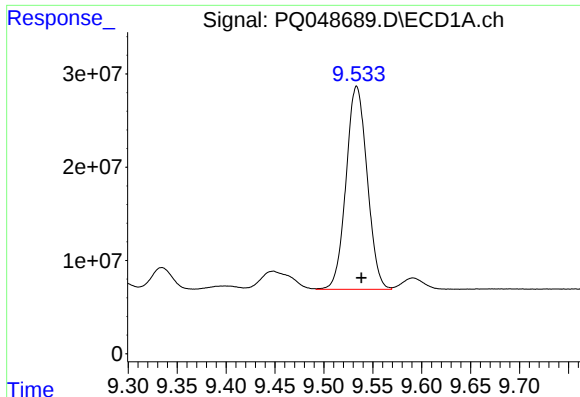
#34 AR-1260-4

R.T.: 9.183 min
Delta R.T.: -0.004 min
Response: 160610524
Conc: 471.81 ng/ml



#34 AR-1260-4

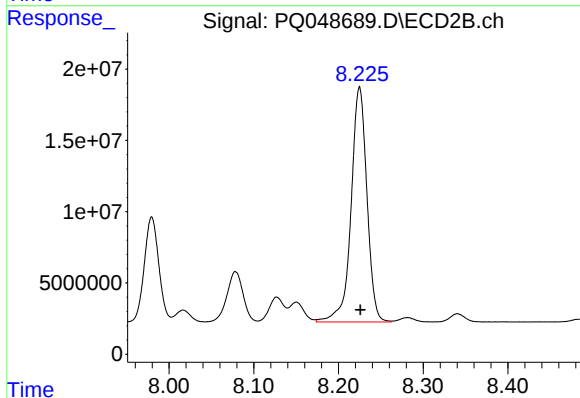
R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 87764851
Conc: 461.00 ng/ml



#35 AR-1260-5

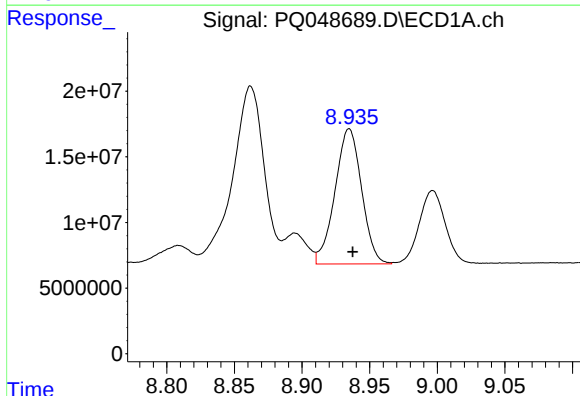
R.T.: 9.534 min
Delta R.T.: -0.005 min
Response: 326989374
Conc: 452.27 ng/ml

Instrument :
ECD_S
ClientSampleId :



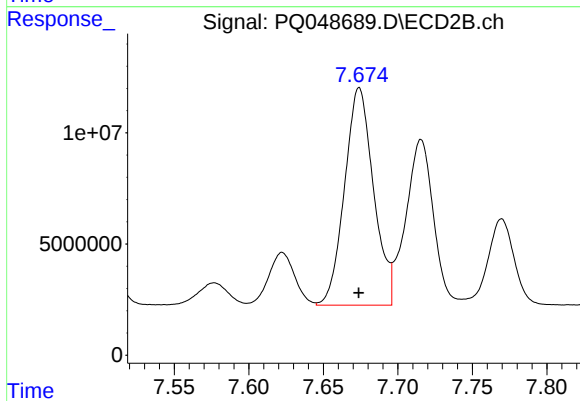
#35 AR-1260-5

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 214377759
Conc: 446.57 ng/ml



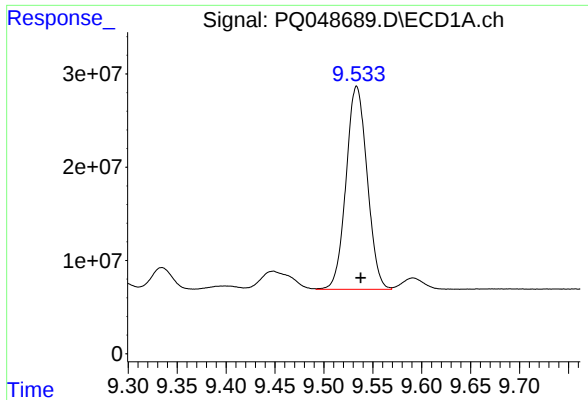
#36 AR-1262-1

R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 141073175
Conc: 342.50 ng/ml



#36 AR-1262-1

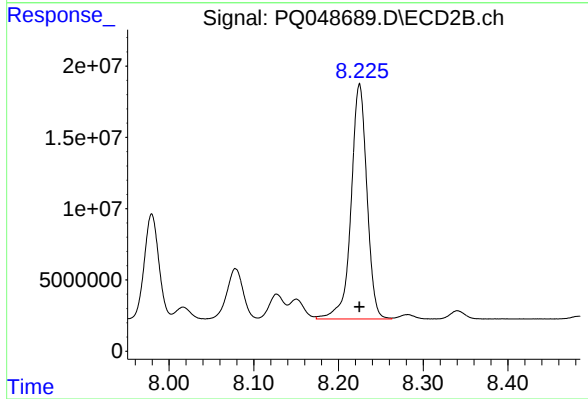
R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 132366573
Conc: 925.87 ng/ml



#37 AR-1262-2

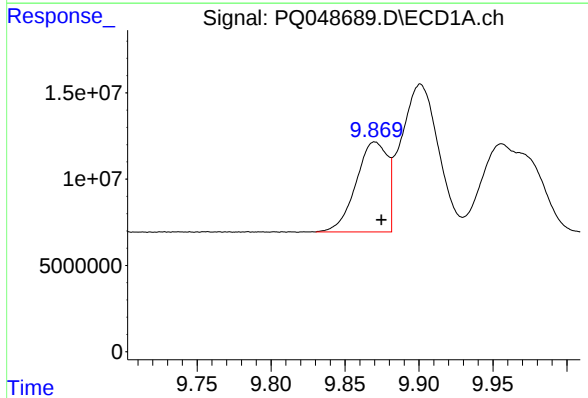
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 326989374
Conc: 409.76 ng/ml

Instrument :
ECD_S
ClientSampleId :



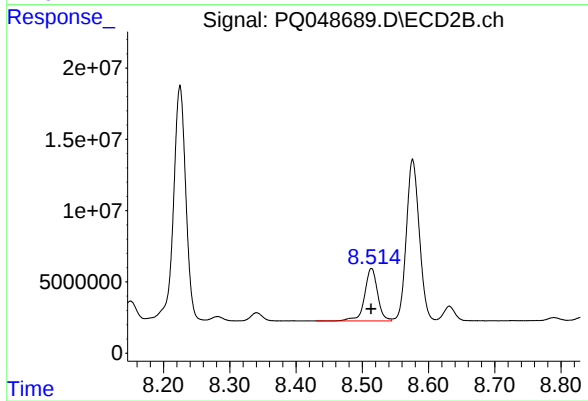
#37 AR-1262-2

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 214377759
Conc: 399.42 ng/ml



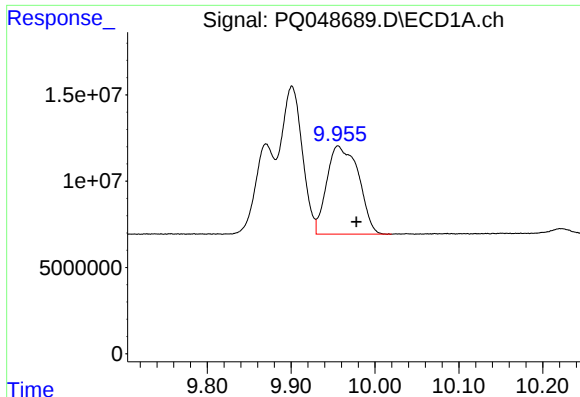
#38 AR-1262-3

R.T.: 9.870 min
Delta R.T.: -0.005 min
Response: 77124075
Conc: 220.24 ng/ml



#38 AR-1262-3

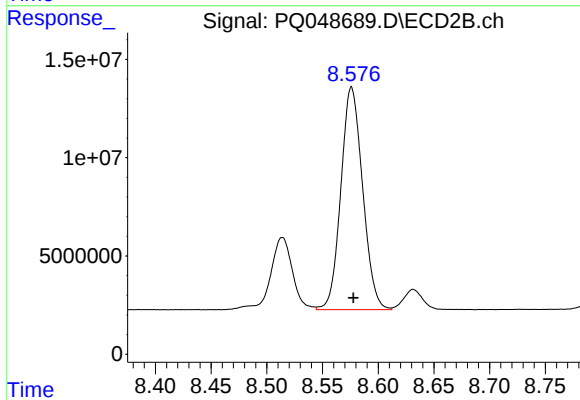
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 49911625
Conc: 231.82 ng/ml



#39 AR-1262-4

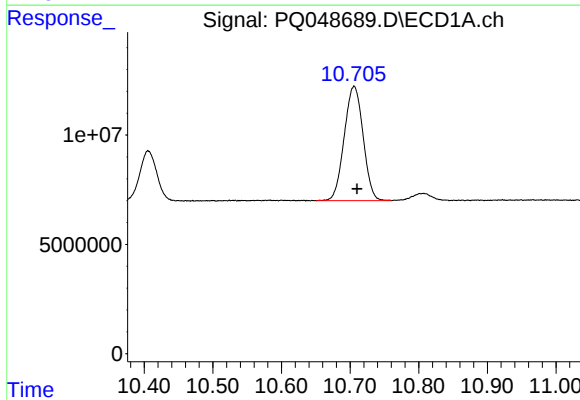
R.T.: 9.956 min
Delta R.T.: -0.022 min
Response: 134189284
Conc: 318.86 ng/ml

Instrument :
ECD_S
ClientSampleId :



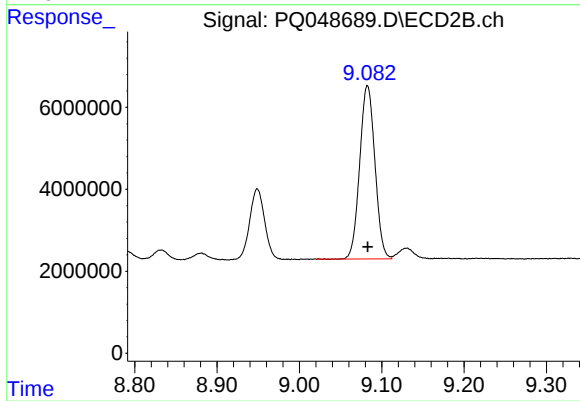
#39 AR-1262-4

R.T.: 8.576 min
Delta R.T.: -0.001 min
Response: 154055055
Conc: 392.84 ng/ml



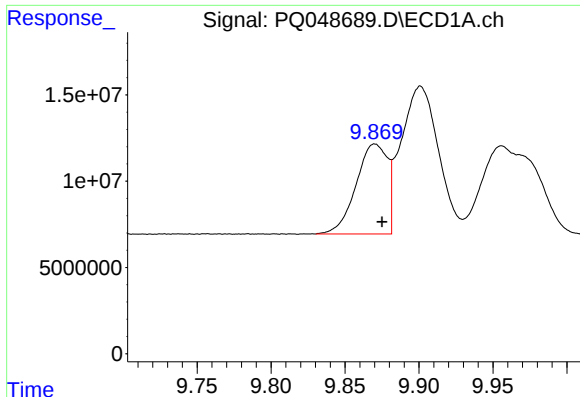
#40 AR-1262-5

R.T.: 10.706 min
Delta R.T.: -0.005 min
Response: 100049160
Conc: 314.35 ng/ml



#40 AR-1262-5

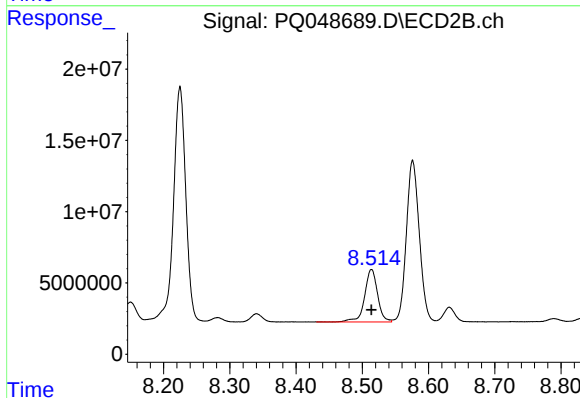
R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 54318351
Conc: 291.72 ng/ml



#41 AR-1268-1

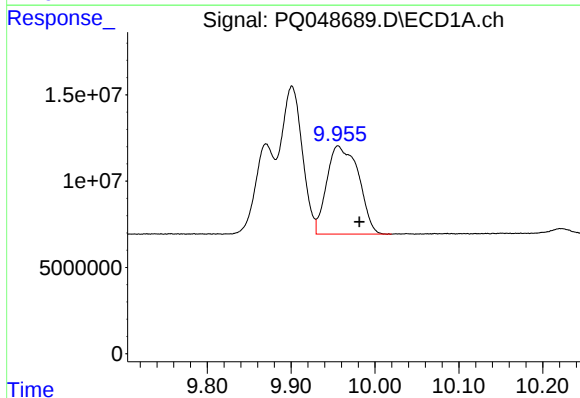
R.T.: 9.870 min
Delta R.T.: -0.005 min
Response: 77124075
Conc: 77.24 ng/ml

Instrument :
ECD_S
ClientSampleId :



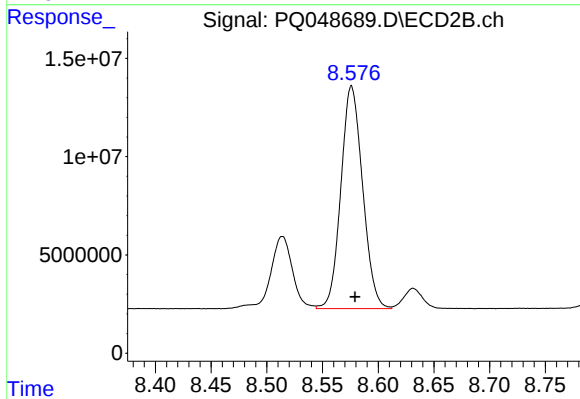
#41 AR-1268-1

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 49911625
Conc: 77.08 ng/ml



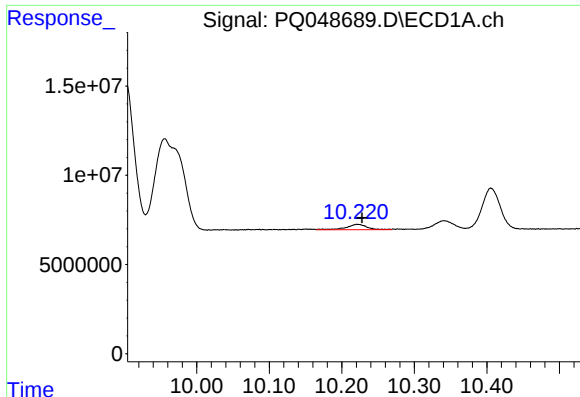
#42 AR-1268-2

R.T.: 9.956 min
Delta R.T.: -0.025 min
Response: 134189284
Conc: 140.04 ng/ml



#42 AR-1268-2

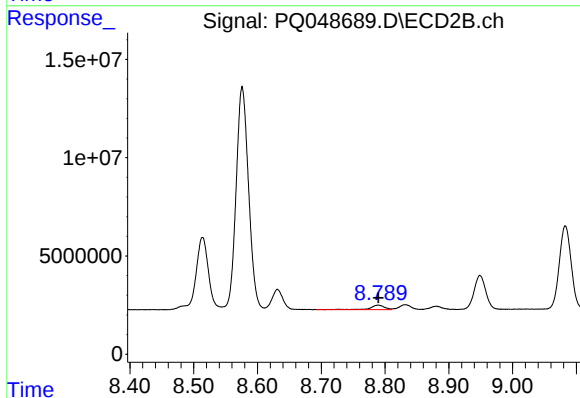
R.T.: 8.576 min
Delta R.T.: -0.003 min
Response: 154055055
Conc: 256.72 ng/ml



#43 AR-1268-3

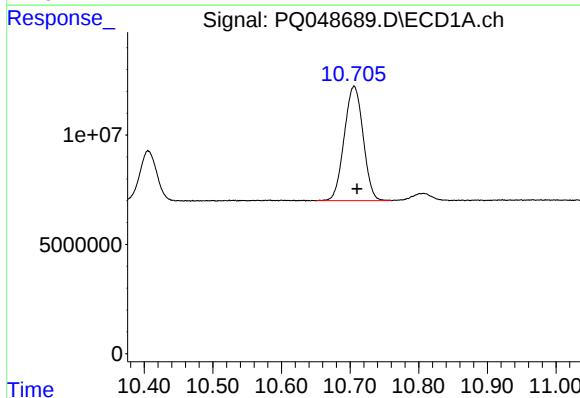
R.T.: 10.221 min
Delta R.T.: -0.007 min
Response: 5831235
Conc: 7.12 ng/ml

Instrument :
ECD_S
ClientSampleId :



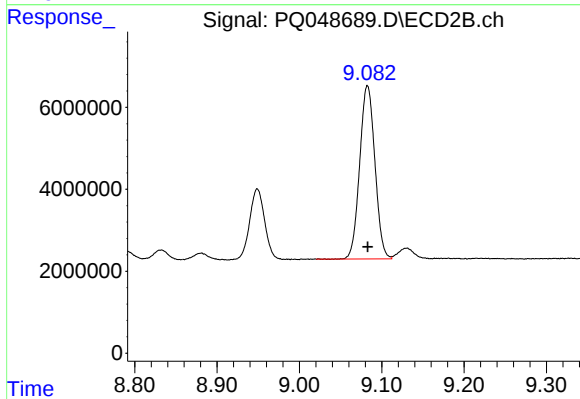
#43 AR-1268-3

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 3384311
Conc: 6.84 ng/ml



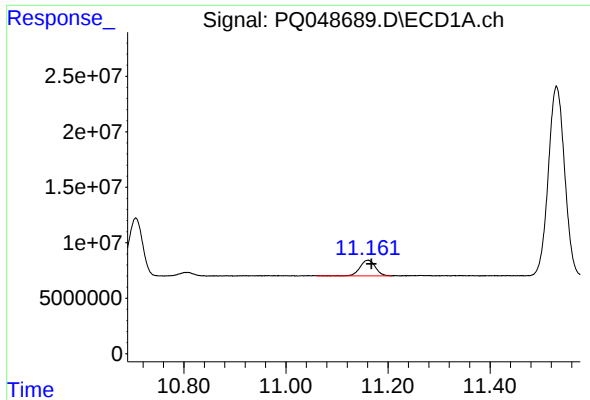
#44 AR-1268-4

R.T.: 10.706 min
Delta R.T.: -0.004 min
Response: 100049160
Conc: 267.77 ng/ml



#44 AR-1268-4

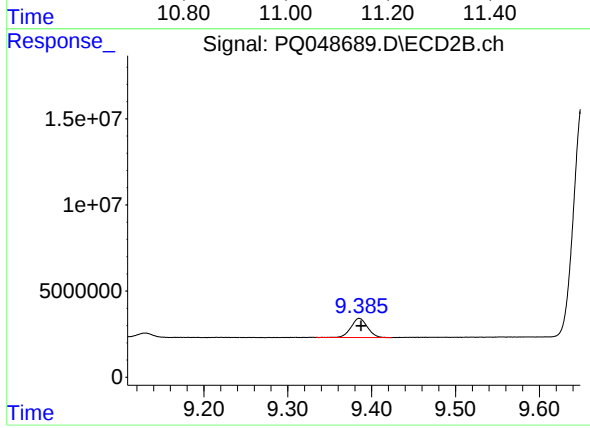
R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 54318351
Conc: 251.23 ng/ml



#45 AR-1268-5

R.T.: 11.161 min
Delta R.T.: -0.007 min
Response: 29684790
Conc: 10.33 ng/ml

Instrument :
ECD_S
ClientSampleId :



#45 AR-1268-5

R.T.: 9.385 min
Delta R.T.: -0.002 min
Response: 15006691
Conc: 9.01 ng/ml