

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031720\
 Data File : PQ047013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 18:26
 Operator : AJ\MA
 Sample : PB127610BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:11:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 15:09:31 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...	5.118	4.274	422.6E6	53679089	18.900	18.703
2)	SA Decachlor...	11.196	9.662	259.3E6	64902928	20.304	19.450
Target Compounds							
3)	L1 AR-1016-1	6.432	5.548	169.7E6	21902727	185.991	186.432
4)	L1 AR-1016-2	6.456	5.568	239.5E6	29493382	185.254	184.602
5)	L1 AR-1016-3	6.523	5.765	144.6E6	15864948	189.391	185.598
6)	L1 AR-1016-4	6.629	5.812	122.6E6	12819649	184.613	184.788
7)	L1 AR-1016-5	6.945	6.046	115.4E6	16301977	180.645	178.571
8)	L2 AR-1221-1	5.357	4.534	14045091	1784127	58.071	59.362
9)	L2 AR-1221-2	5.463	4.637	21126680	2725116	113.946	120.809
10)	L2 AR-1221-3	5.548	4.728	79133800	10196908	141.989	147.777
11)	L3 AR-1232-1	5.548	4.728	79133800	10196908	202.237	214.097
12)	L3 AR-1232-2	6.139	5.568	112.7E6	29493382	521.479	582.858
13)	L3 AR-1232-3	6.456	5.765	239.5E6	15864948	570.670	600.801
14)	L3 AR-1232-4	6.629	5.858	122.6E6	15796020	568.776	666.490
15)	L3 AR-1232-5	6.727	6.046	105.4E6	16301977	721.124	605.900
16)	L4 AR-1242-1	6.432	5.548	169.7E6	21902727	292.956	292.110
17)	L4 AR-1242-2	6.456	5.568	239.5E6	29493382	293.078	291.764
18)	L4 AR-1242-3	6.523	5.765	144.6E6	15864948	291.586	287.641
19)	L4 AR-1242-4	6.629	5.858	122.6E6	15796020	286.311	297.359
20)	L4 AR-1242-5	7.412	6.428	18386425	13621700	39.135	189.174 #
21)	L5 AR-1248-1	6.432	5.548	169.7E6	21902727	360.330	364.667
22)	L5 AR-1248-2	6.727	5.812	105.4E6	12819649	163.816	165.336
23)	L5 AR-1248-3	6.945	5.858	115.4E6	15796020	159.956	197.729
24)	L5 AR-1248-4	7.370	6.046	19261082	16301977	23.732	172.317 #
25)	L5 AR-1248-5	7.412	6.471	18386425	2273830	23.827	21.585
26)	L6 AR-1254-1	7.343	6.428	92031136	13621700	119.196	91.263
27)	L6 AR-1254-2	7.570	6.585	98414018	13391732	83.459	104.272
28)	L6 AR-1254-3	7.953	7.026	53466433	23489345	45.810	110.566 #
29)	L6 AR-1254-4	8.246	7.250	43131208	2720764	46.095	20.082 #
30)	L6 AR-1254-5	8.676	7.680	291.7E6	49901080	347.694	271.607
31)	L7 AR-1260-1	8.120	7.147	212.7E6	34387098	203.372	196.604
32)	L7 AR-1260-2	8.385	7.342	274.7E6	42503887	199.928	197.247
33)	L7 AR-1260-3	8.752	7.501	177.0E6	39221585	164.319	195.018
34)	L7 AR-1260-4	8.986	7.985	176.2E6	29299038	176.588	167.116
35)	L7 AR-1260-5	9.320	8.231	354.4E6	72291687	170.507	165.927
36)	L8 AR-1262-1	8.752	7.680	177.0E6	49901080	136.127	461.798 #
37)	L8 AR-1262-2	9.320	8.231	354.4E6	72291687	182.384	182.597
38)	L8 AR-1262-3	9.660	8.519	215.1E6	13965380	176.007	93.330 #
39)	L8 AR-1262-4	9.718	8.584	119.6E6	54196450	131.699	190.785 #
40)	L8 AR-1262-5	10.418	9.091	75371633	16573561	133.370	127.855
41)	L9 AR-1268-1	9.660	8.519	215.1E6	13965380	101.111	32.431 #

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 Operator : AJ\MA
 Sample : PB127610BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

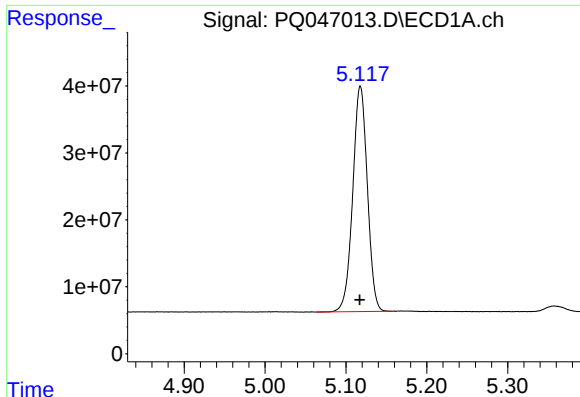
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:11:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.718	8.584	119.6E6	54196450	66.146	138.166 #
43) L9	AR-1268-3	9.973	8.794	7417816	1432958	4.983	4.501
44) L9	AR-1268-4	10.418	9.091	75371633	16573561	123.846	119.240
45) L9	AR-1268-5	10.845	9.396	23720673	5487473	6.325	5.448

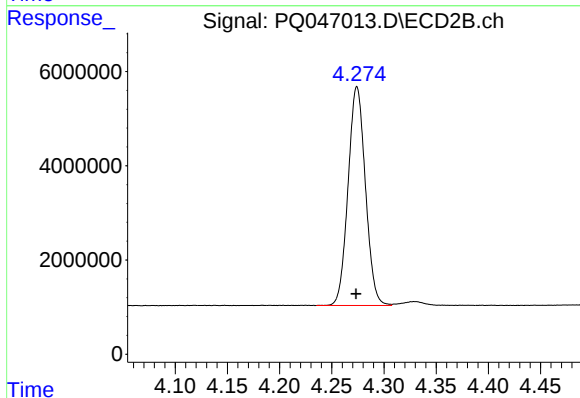
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

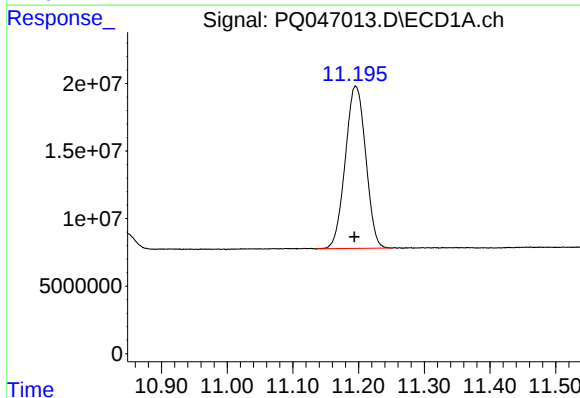
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 422579018
Conc: 18.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



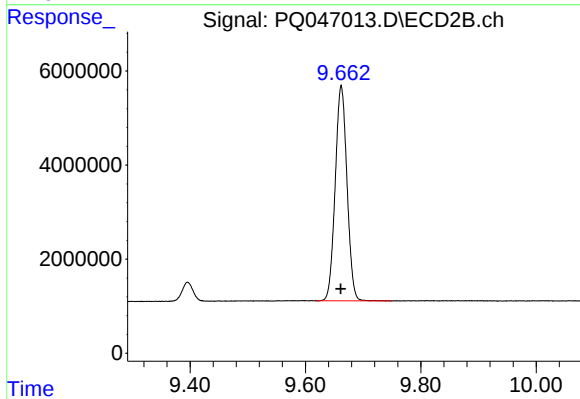
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 53679089
Conc: 18.70 ng/ml



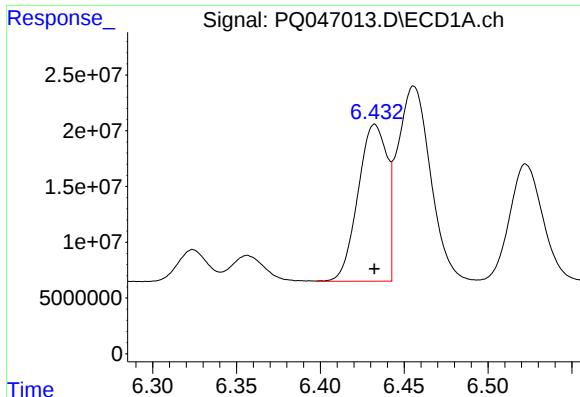
#2 Decachlorobiphenyl

R.T.: 11.196 min
Delta R.T.: 0.002 min
Response: 259317815
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

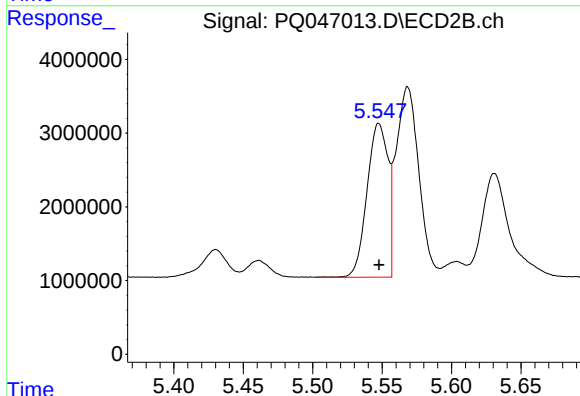
R.T.: 9.662 min
Delta R.T.: 0.000 min
Response: 64902928
Conc: 19.45 ng/ml



#3 AR-1016-1

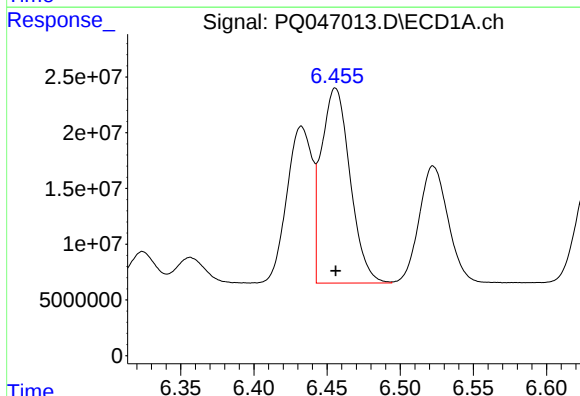
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 169673392
Conc: 185.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



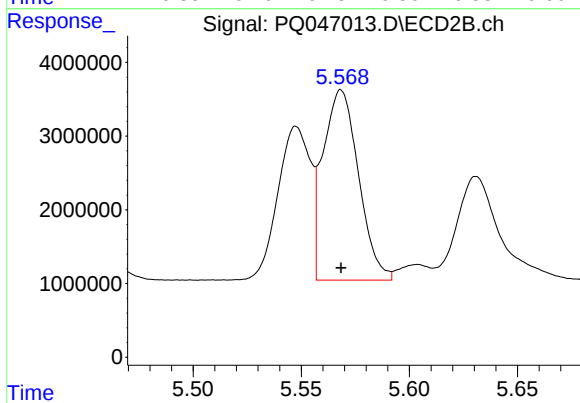
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 21902727
Conc: 186.43 ng/ml



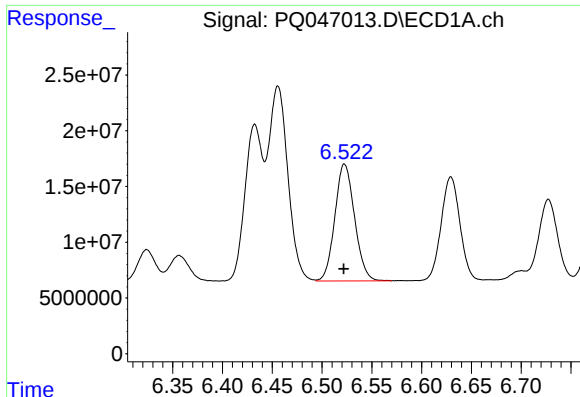
#4 AR-1016-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 239546490
Conc: 185.25 ng/ml



#4 AR-1016-2

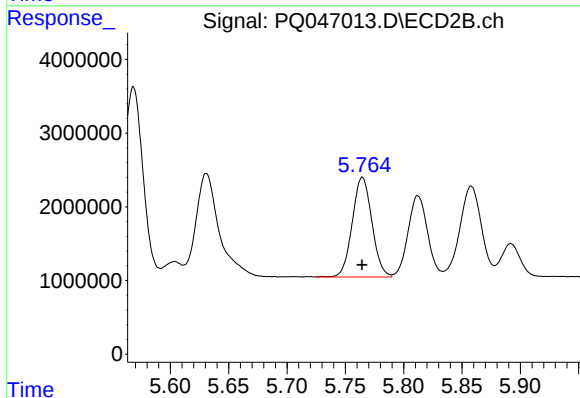
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 29493382
Conc: 184.60 ng/ml



#5 AR-1016-3

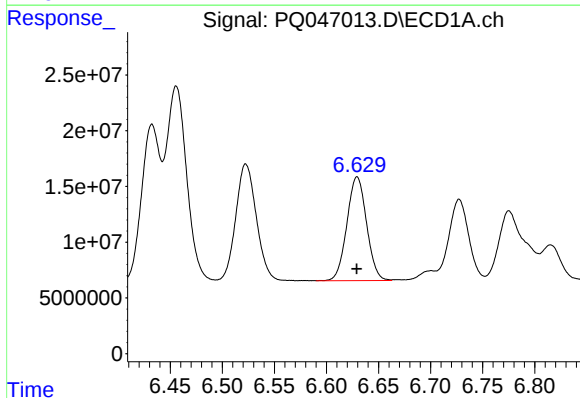
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 144566269
Conc: 189.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



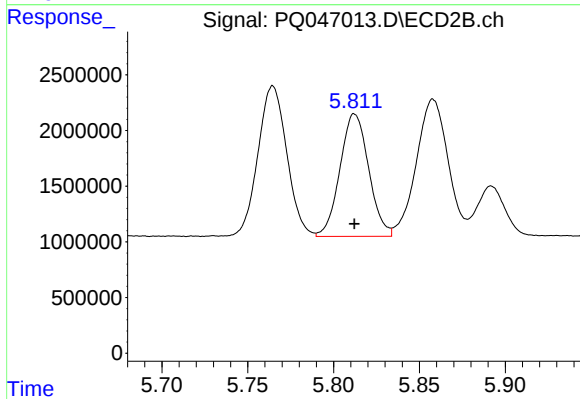
#5 AR-1016-3

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 15864948
Conc: 185.60 ng/ml



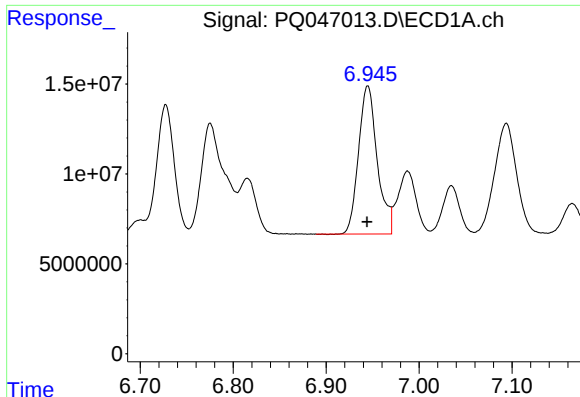
#6 AR-1016-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 122602915
Conc: 184.61 ng/ml



#6 AR-1016-4

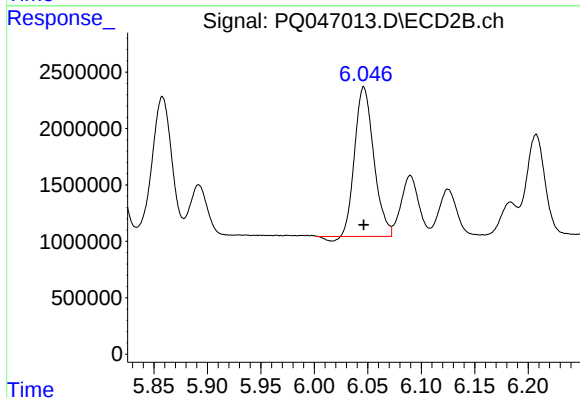
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 12819649
Conc: 184.79 ng/ml



#7 AR-1016-5

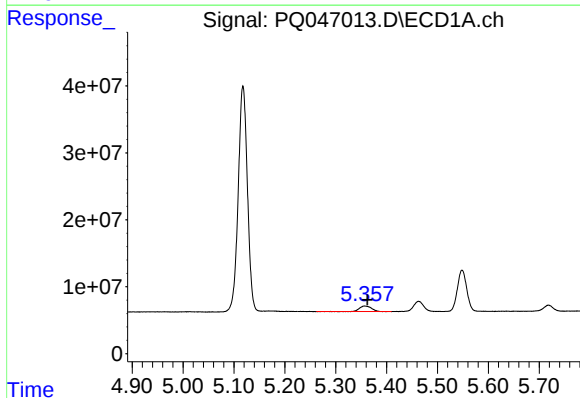
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 115395928
Conc: 180.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



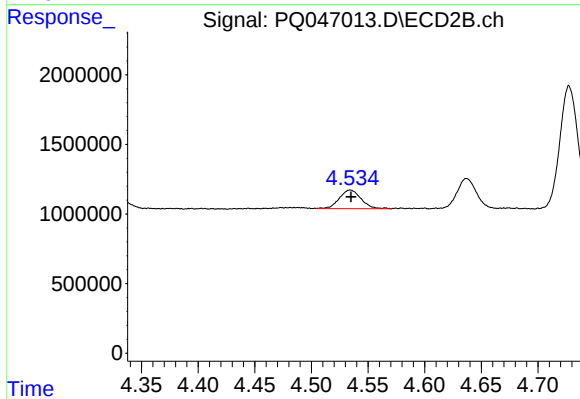
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 16301977
Conc: 178.57 ng/ml



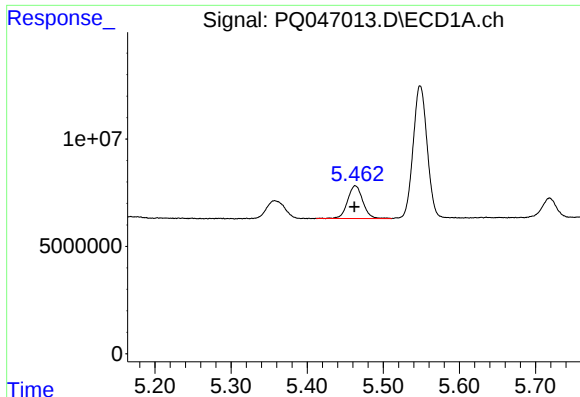
#8 AR-1221-1

R.T.: 5.357 min
Delta R.T.: -0.005 min
Response: 14045091
Conc: 58.07 ng/ml



#8 AR-1221-1

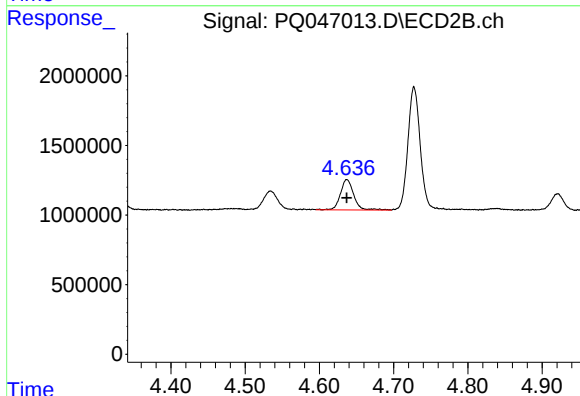
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 1784127
Conc: 59.36 ng/ml



#9 AR-1221-2

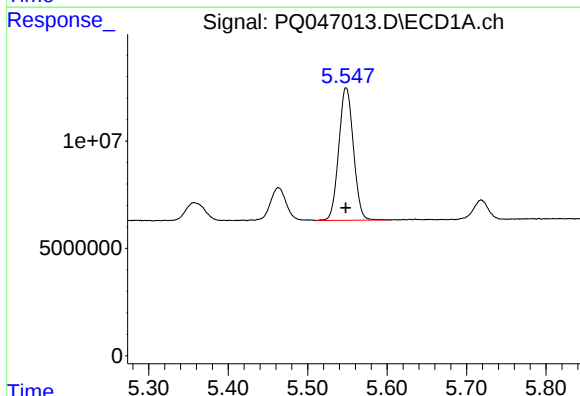
R.T.: 5.463 min
Delta R.T.: 0.001 min
Response: 21126680
Conc: 113.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



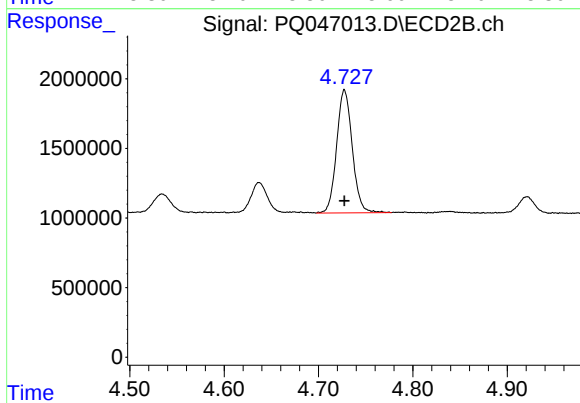
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 2725116
Conc: 120.81 ng/ml



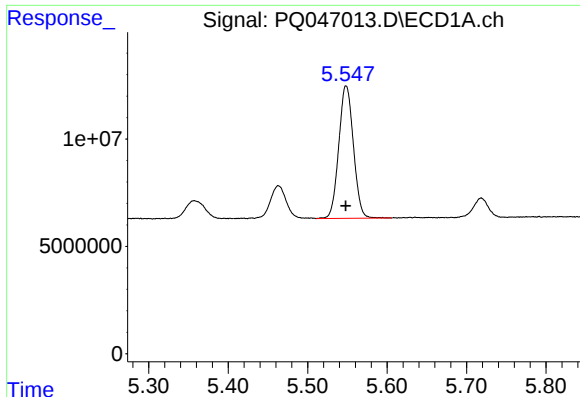
#10 AR-1221-3

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 79133800
Conc: 141.99 ng/ml



#10 AR-1221-3

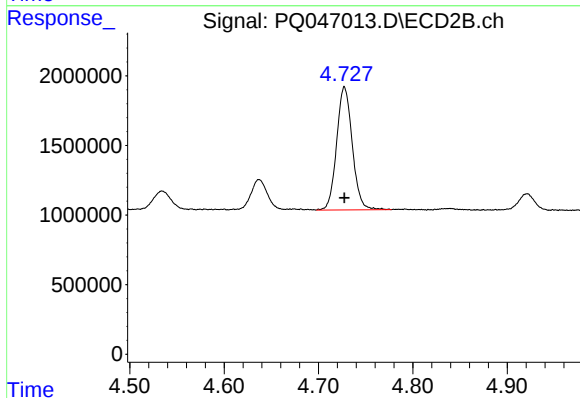
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 10196908
Conc: 147.78 ng/ml



#11 AR-1232-1

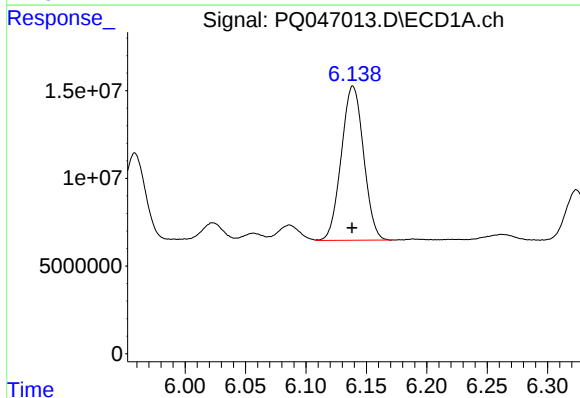
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 79133800
Conc: 202.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



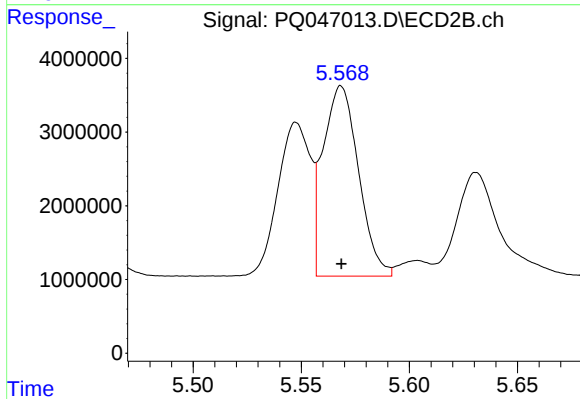
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 10196908
Conc: 214.10 ng/ml



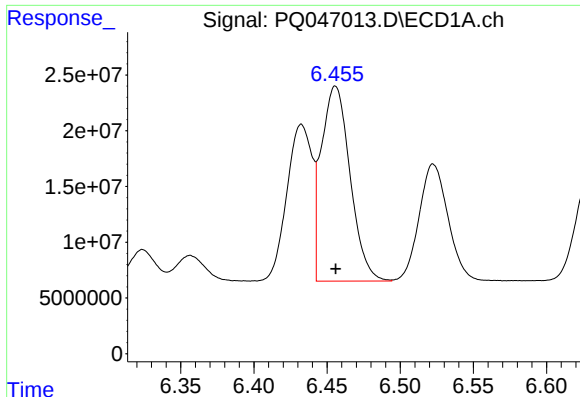
#12 AR-1232-2

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 112711348
Conc: 521.48 ng/ml



#12 AR-1232-2

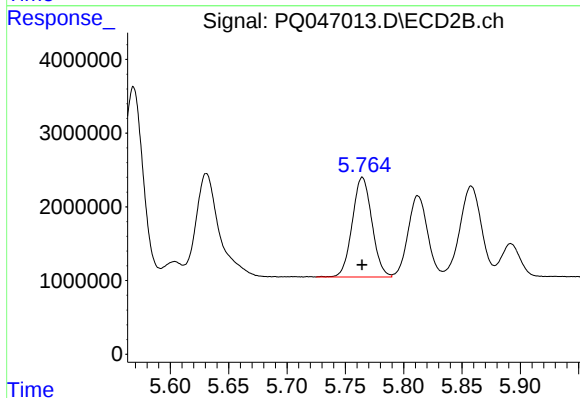
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 29493382
Conc: 582.86 ng/ml



#13 AR-1232-3

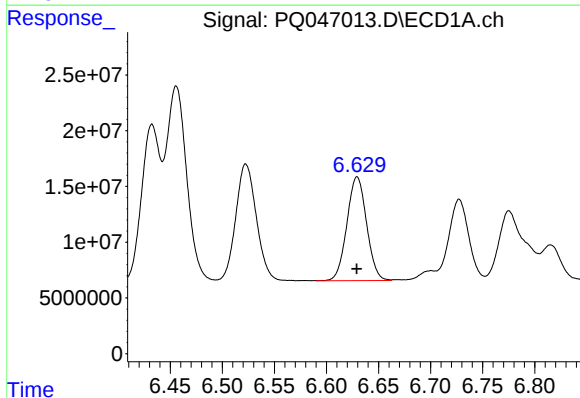
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 239546490
Conc: 570.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



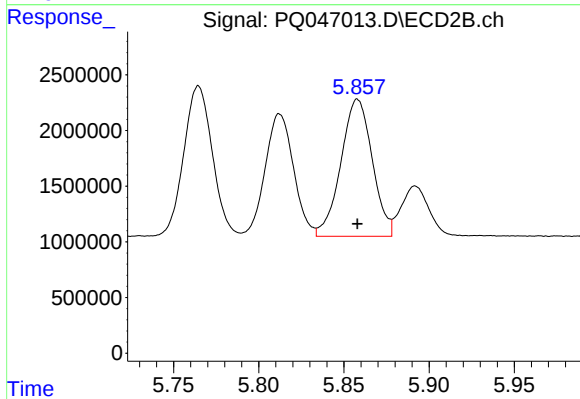
#13 AR-1232-3

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 15864948
Conc: 600.80 ng/ml



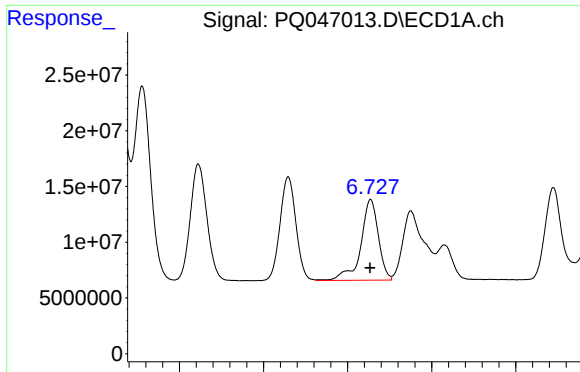
#14 AR-1232-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 122602915
Conc: 568.78 ng/ml



#14 AR-1232-4

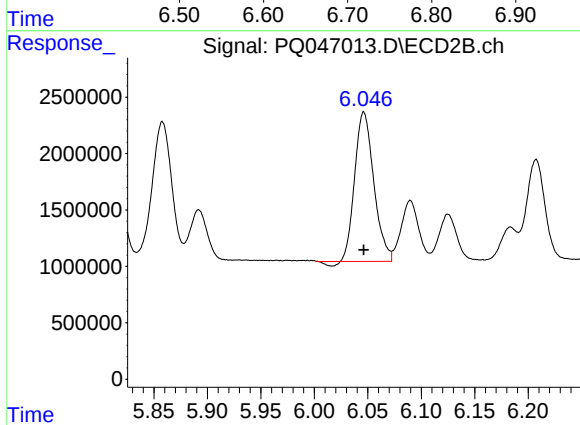
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15796020
Conc: 666.49 ng/ml



#15 AR-1232-5

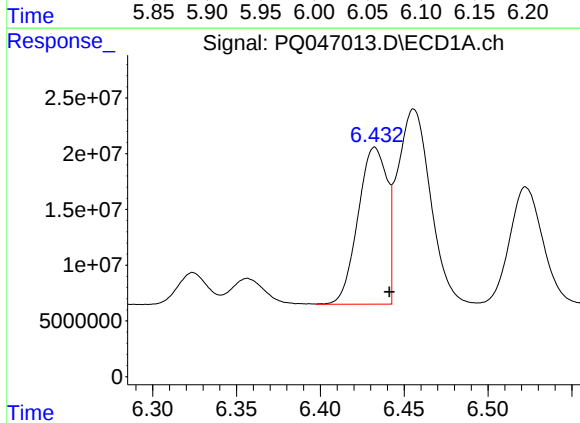
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 105398084
Conc: 721.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



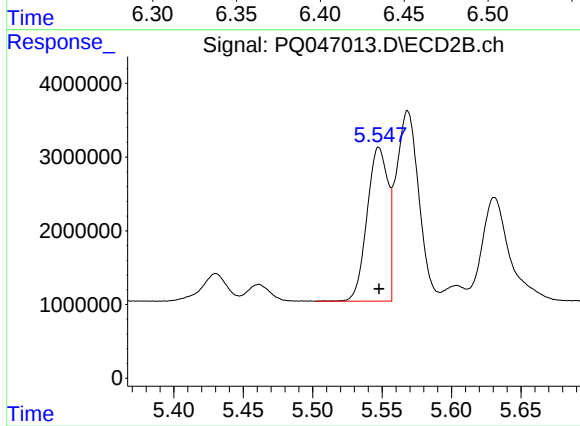
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 16301977
Conc: 605.90 ng/ml



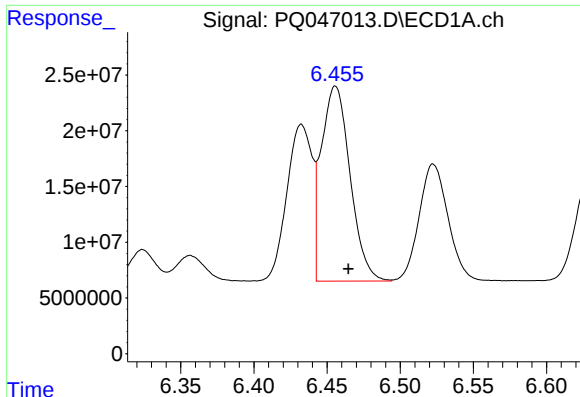
#16 AR-1242-1

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 169673392
Conc: 292.96 ng/ml



#16 AR-1242-1

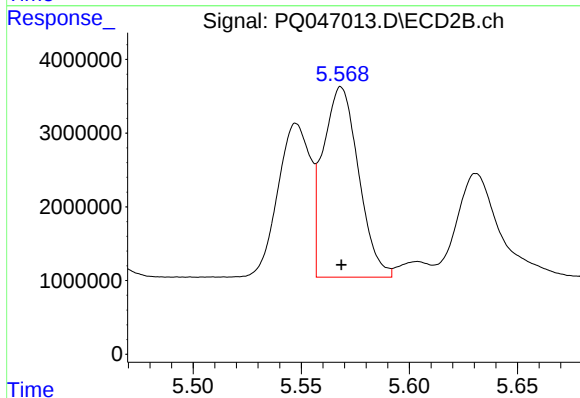
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 21902727
Conc: 292.11 ng/ml



#17 AR-1242-2

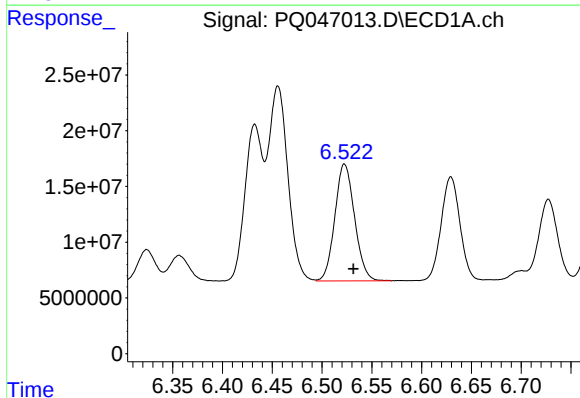
R.T.: 6.456 min
Delta R.T.: -0.009 min
Response: 239546490
Conc: 293.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



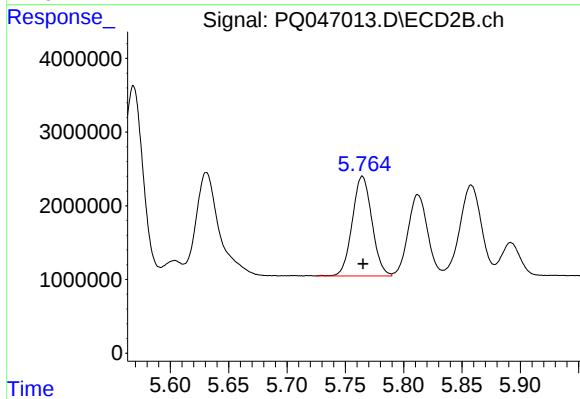
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 29493382
Conc: 291.76 ng/ml



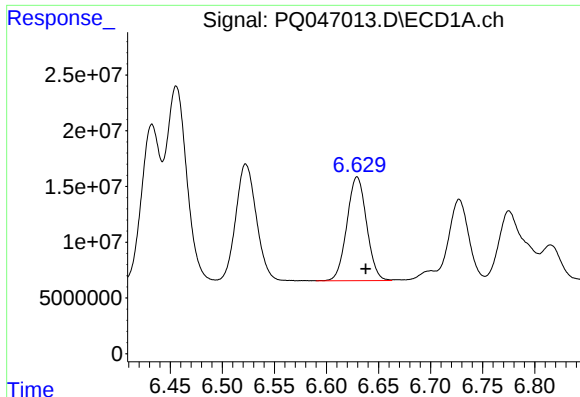
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: -0.009 min
Response: 144566269
Conc: 291.59 ng/ml



#18 AR-1242-3

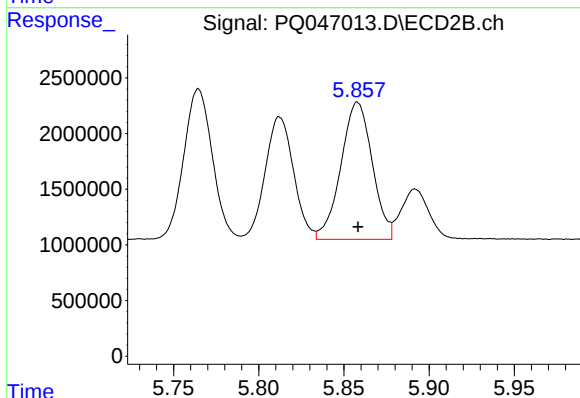
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 15864948
Conc: 287.64 ng/ml



#19 AR-1242-4

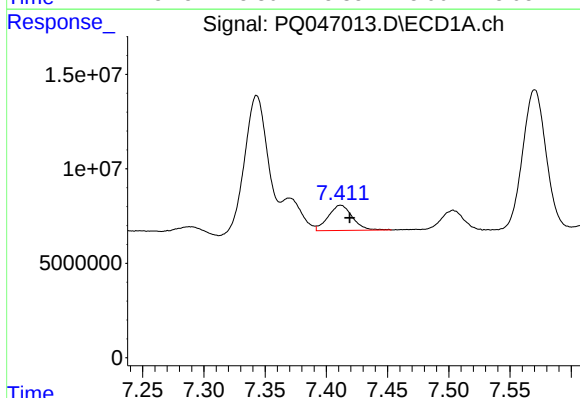
R.T.: 6.629 min
Delta R.T.: -0.008 min
Response: 122602915
Conc: 286.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



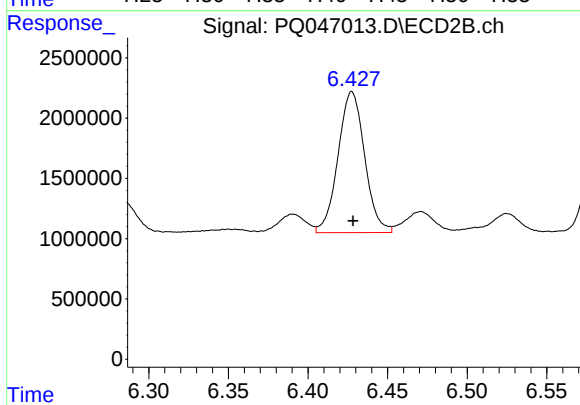
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15796020
Conc: 297.36 ng/ml



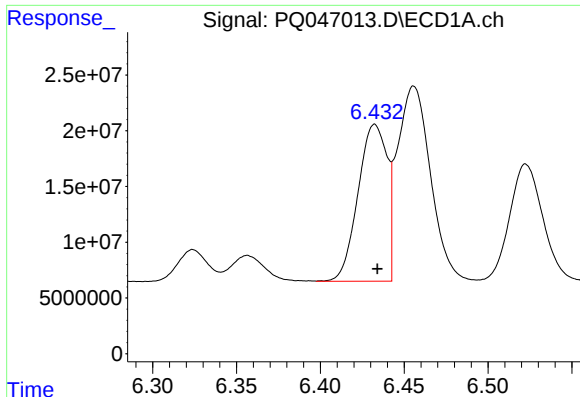
#20 AR-1242-5

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 18386425
Conc: 39.14 ng/ml



#20 AR-1242-5

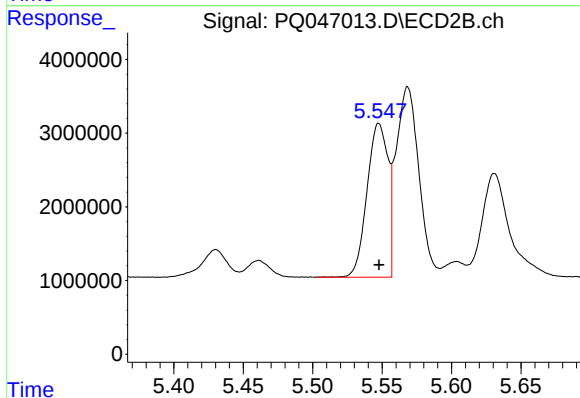
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 13621700
Conc: 189.17 ng/ml



#21 AR-1248-1

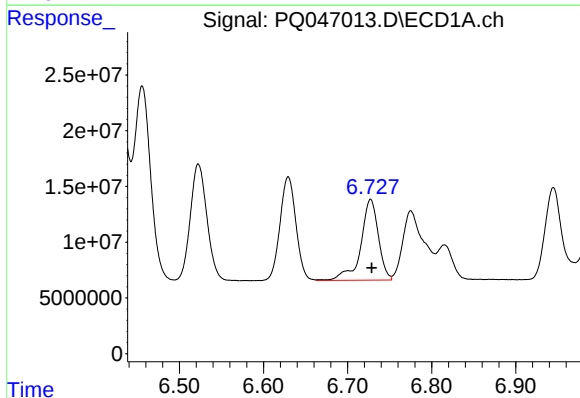
R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 169673392
Conc: 360.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



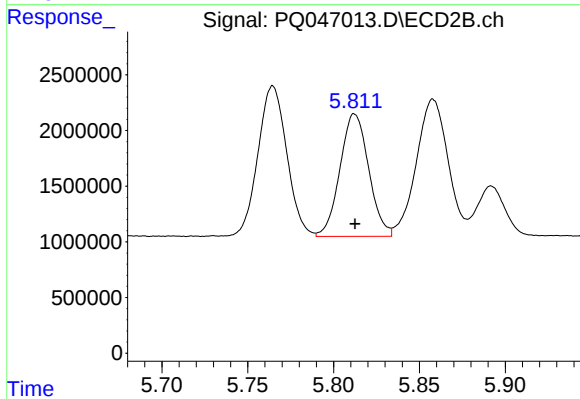
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 21902727
Conc: 364.67 ng/ml



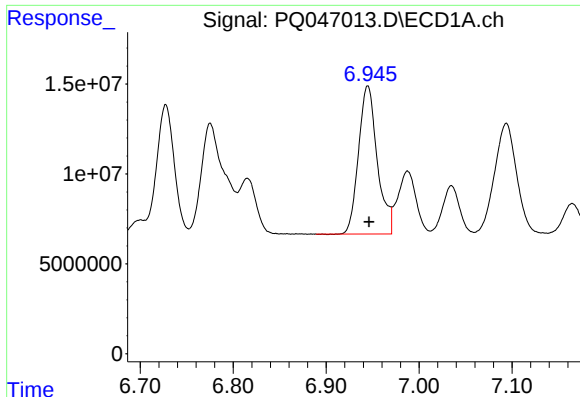
#22 AR-1248-2

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 105398084
Conc: 163.82 ng/ml



#22 AR-1248-2

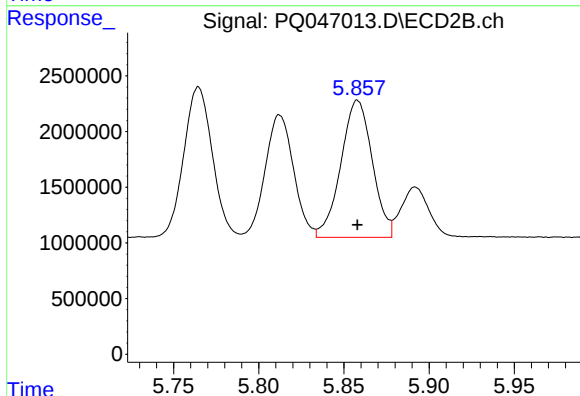
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 12819649
Conc: 165.34 ng/ml



#23 AR-1248-3

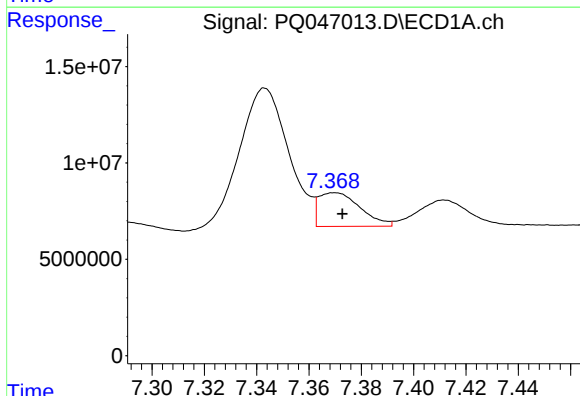
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 115395928
Conc: 159.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



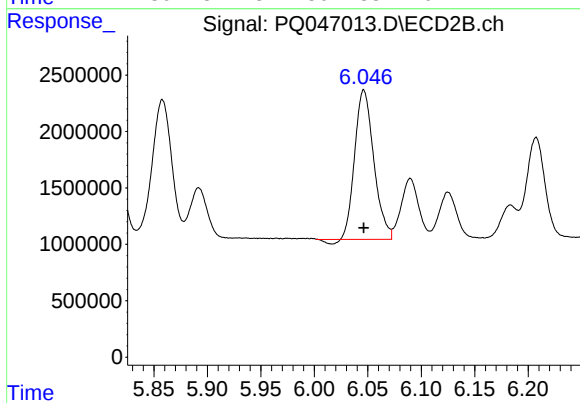
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 15796020
Conc: 197.73 ng/ml



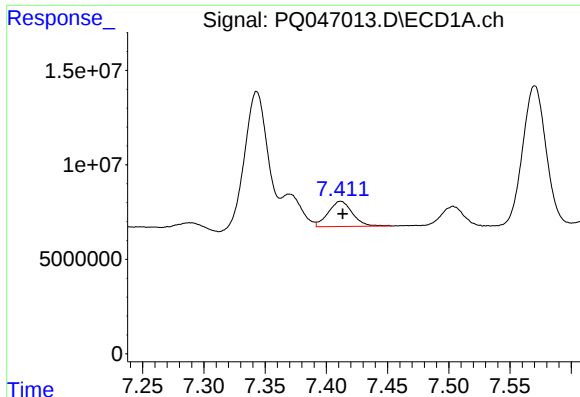
#24 AR-1248-4

R.T.: 7.370 min
Delta R.T.: -0.003 min
Response: 19261082
Conc: 23.73 ng/ml



#24 AR-1248-4

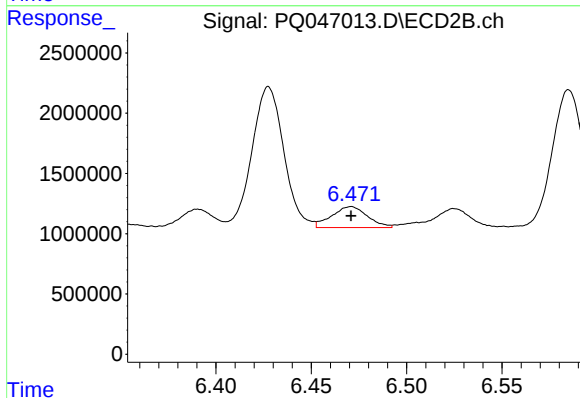
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 16301977
Conc: 172.32 ng/ml



#25 AR-1248-5

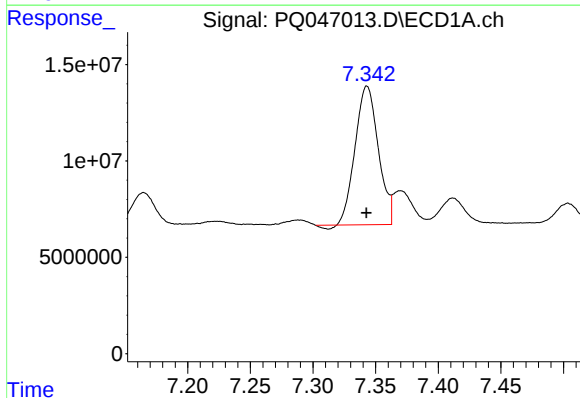
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 18386425
Conc: 23.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



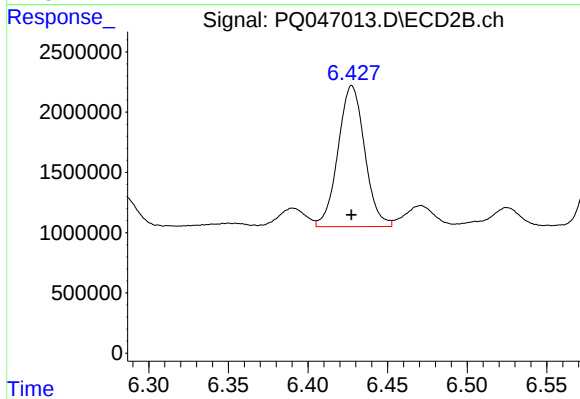
#25 AR-1248-5

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 2273830
Conc: 21.59 ng/ml



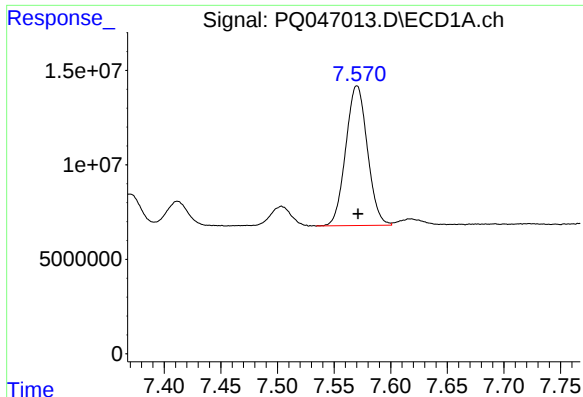
#26 AR-1254-1

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 92031136
Conc: 119.20 ng/ml



#26 AR-1254-1

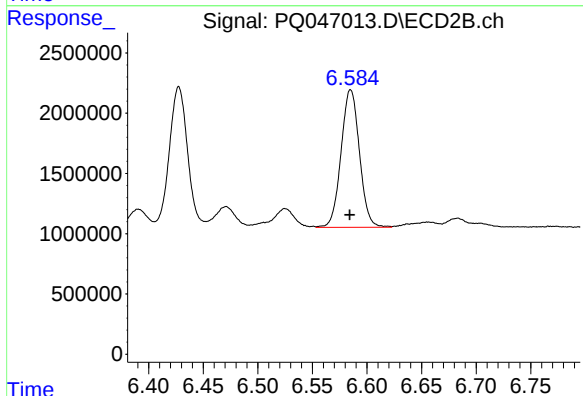
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 13621700
Conc: 91.26 ng/ml



#27 AR-1254-2

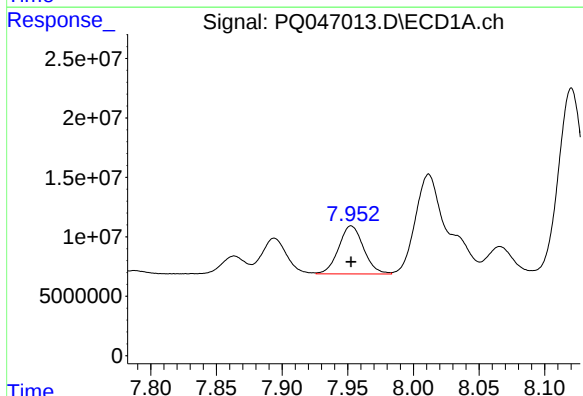
R.T.: 7.570 min
Delta R.T.: -0.001 min
Response: 98414018
Conc: 83.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



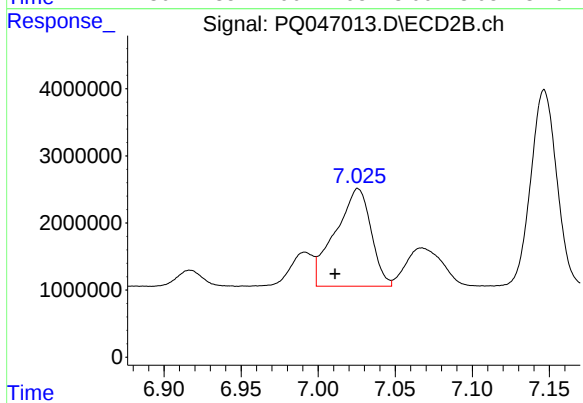
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 13391732
Conc: 104.27 ng/ml



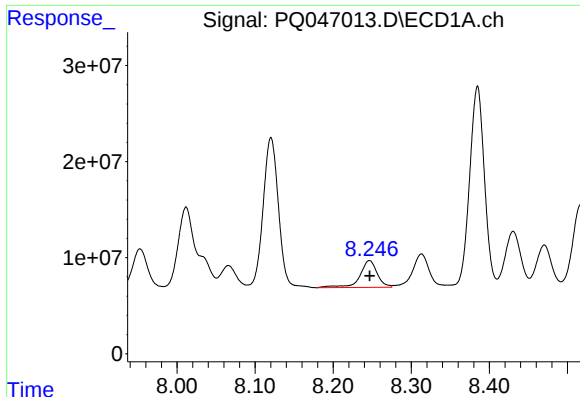
#28 AR-1254-3

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 53466433
Conc: 45.81 ng/ml



#28 AR-1254-3

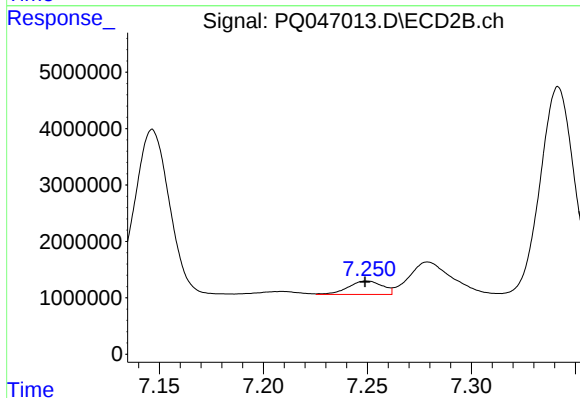
R.T.: 7.026 min
Delta R.T.: 0.015 min
Response: 23489345
Conc: 110.57 ng/ml



#29 AR-1254-4

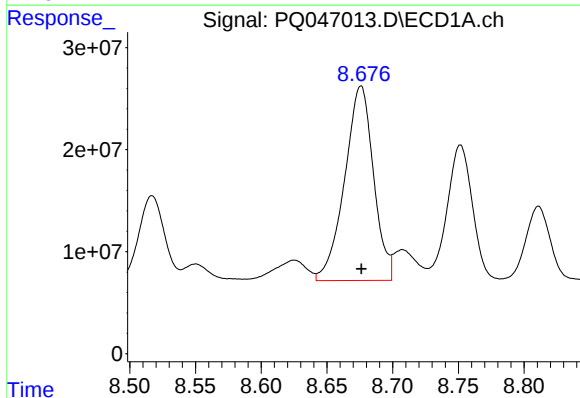
R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 43131208
Conc: 46.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



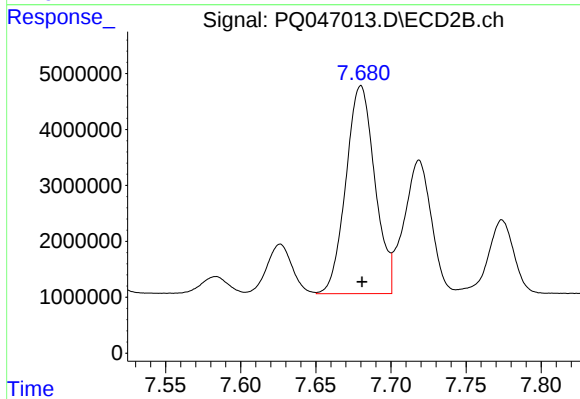
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 2720764
Conc: 20.08 ng/ml



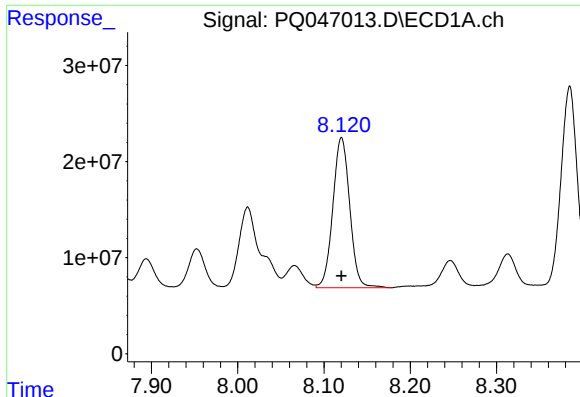
#30 AR-1254-5

R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 291735783
Conc: 347.69 ng/ml



#30 AR-1254-5

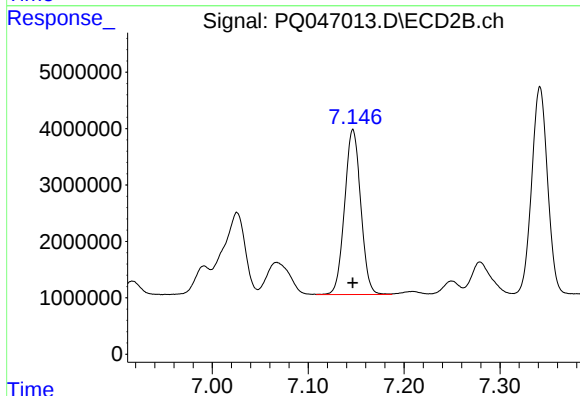
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 49901080
Conc: 271.61 ng/ml



#31 AR-1260-1

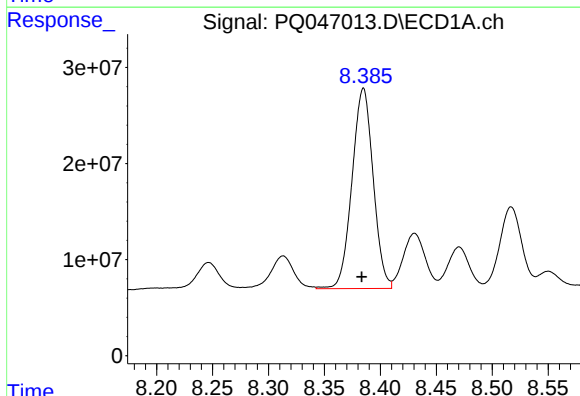
R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 212731874
Conc: 203.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



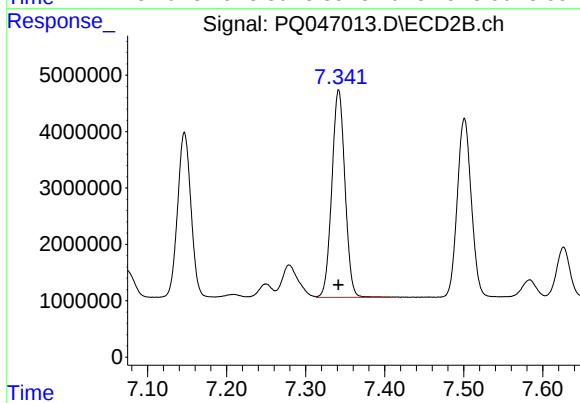
#31 AR-1260-1

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 34387098
Conc: 196.60 ng/ml



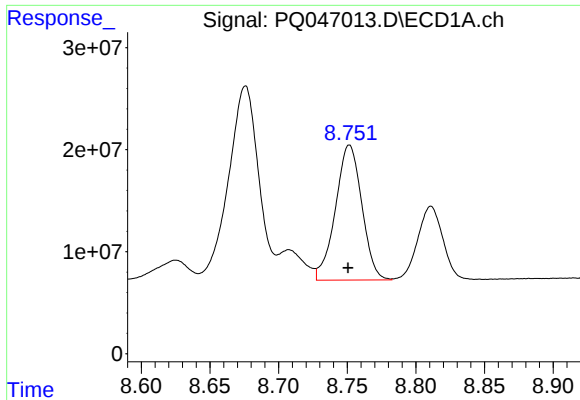
#32 AR-1260-2

R.T.: 8.385 min
Delta R.T.: 0.001 min
Response: 274654217
Conc: 199.93 ng/ml



#32 AR-1260-2

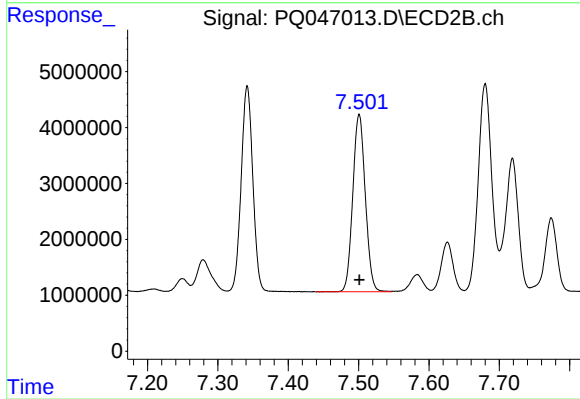
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 42503887
Conc: 197.25 ng/ml



#33 AR-1260-3

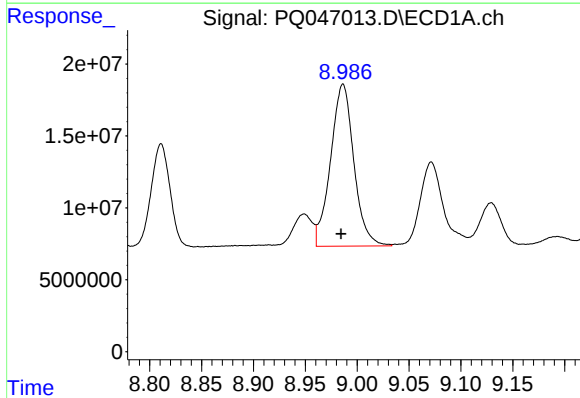
R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 177022665
Conc: 164.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



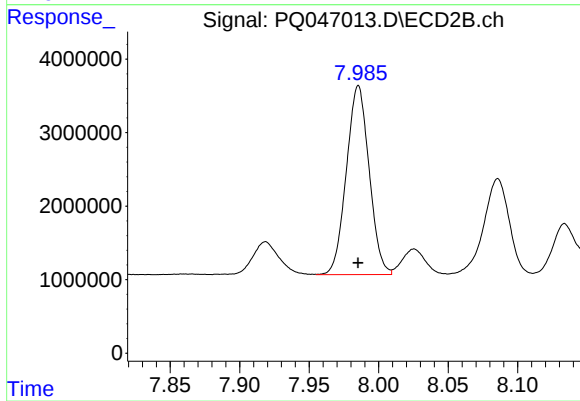
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 39221585
Conc: 195.02 ng/ml



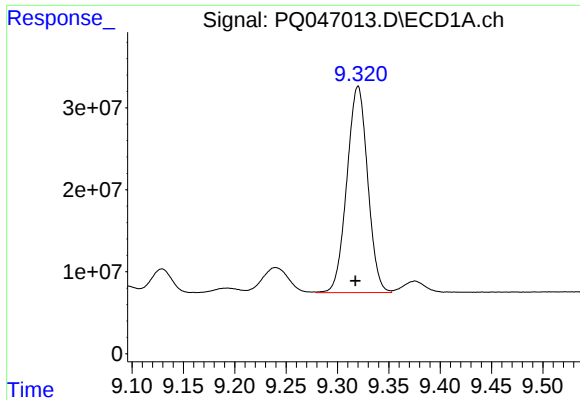
#34 AR-1260-4

R.T.: 8.986 min
Delta R.T.: 0.002 min
Response: 176160593
Conc: 176.59 ng/ml



#34 AR-1260-4

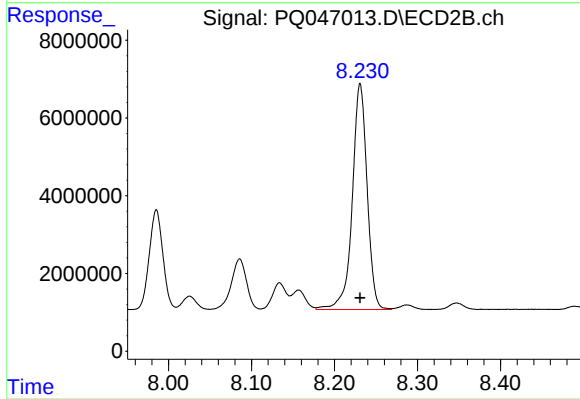
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 29299038
Conc: 167.12 ng/ml



#35 AR-1260-5

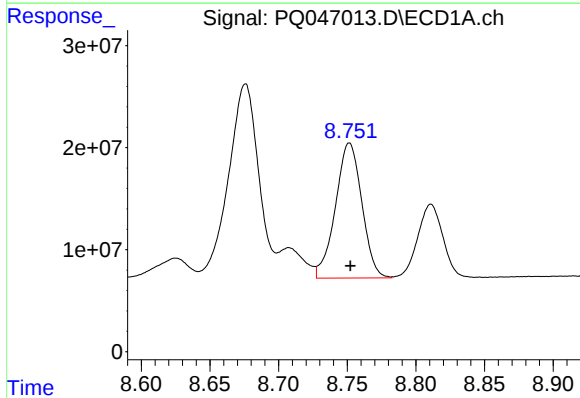
R.T.: 9.320 min
Delta R.T.: 0.003 min
Response: 354427553
Conc: 170.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



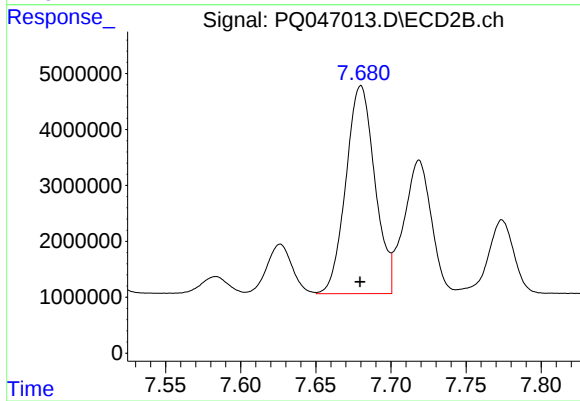
#35 AR-1260-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 72291687
Conc: 165.93 ng/ml



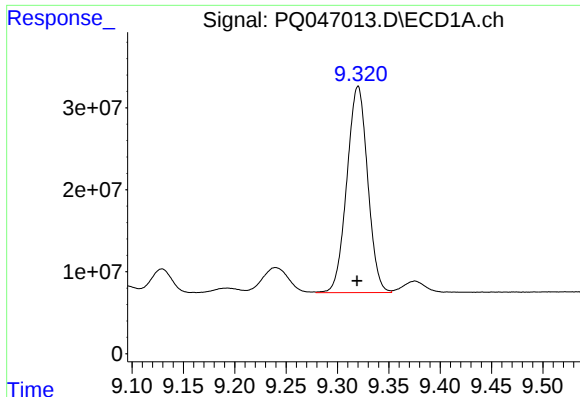
#36 AR-1262-1

R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 177022665
Conc: 136.13 ng/ml



#36 AR-1262-1

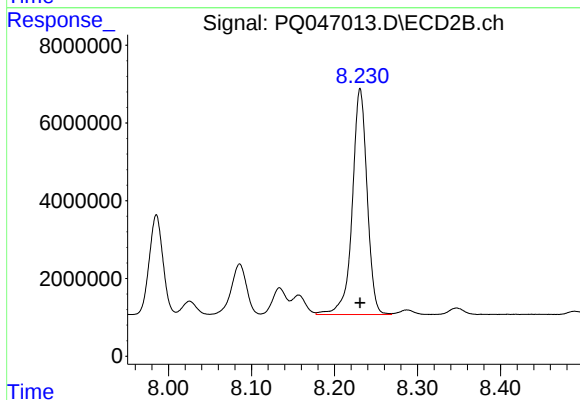
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 49901080
Conc: 461.80 ng/ml



#37 AR-1262-2

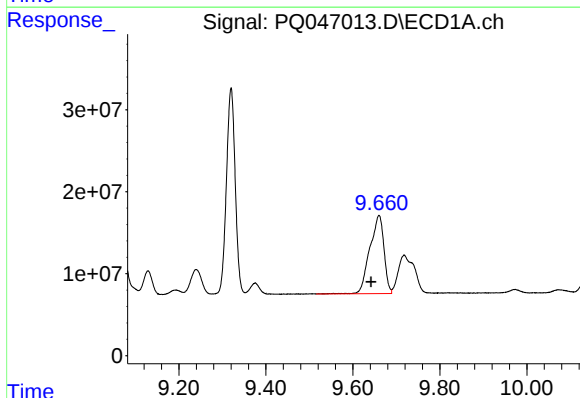
R.T.: 9.320 min
Delta R.T.: 0.001 min
Response: 354427553
Conc: 182.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



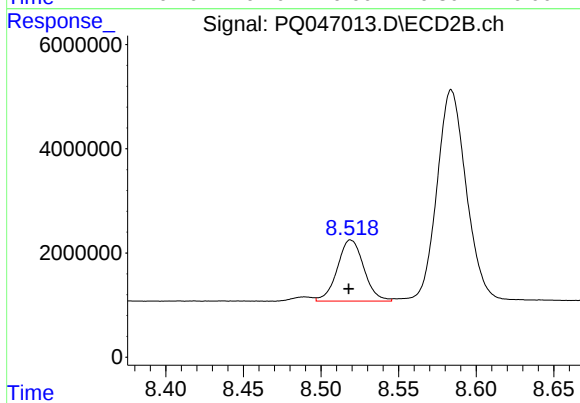
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 72291687
Conc: 182.60 ng/ml



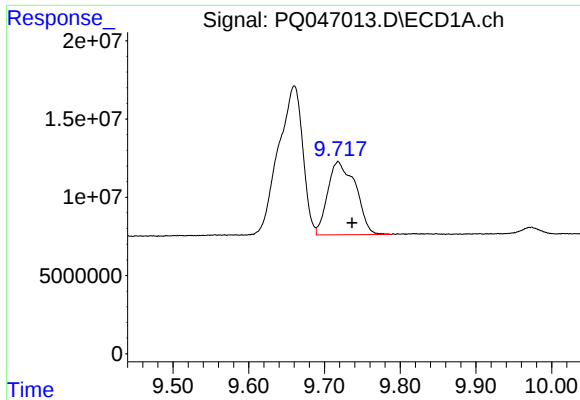
#38 AR-1262-3

R.T.: 9.660 min
Delta R.T.: 0.018 min
Response: 215117380
Conc: 176.01 ng/ml



#38 AR-1262-3

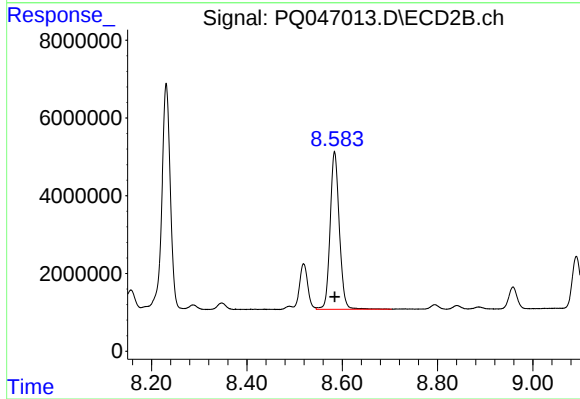
R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 13965380
Conc: 93.33 ng/ml



#39 AR-1262-4

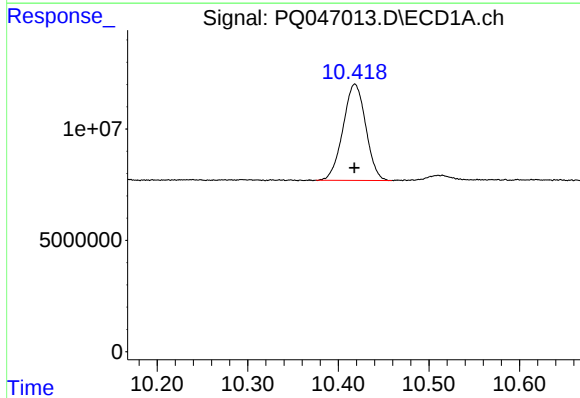
R.T.: 9.718 min
Delta R.T.: -0.018 min
Response: 119630950
Conc: 131.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



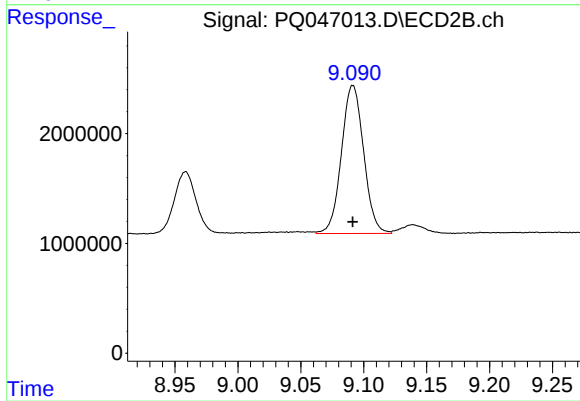
#39 AR-1262-4

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 54196450
Conc: 190.78 ng/ml



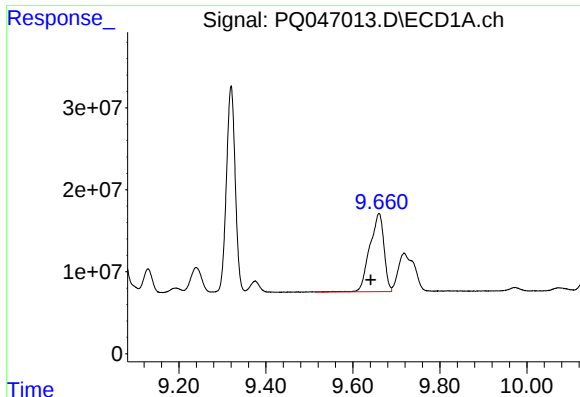
#40 AR-1262-5

R.T.: 10.418 min
Delta R.T.: 0.000 min
Response: 75371633
Conc: 133.37 ng/ml



#40 AR-1262-5

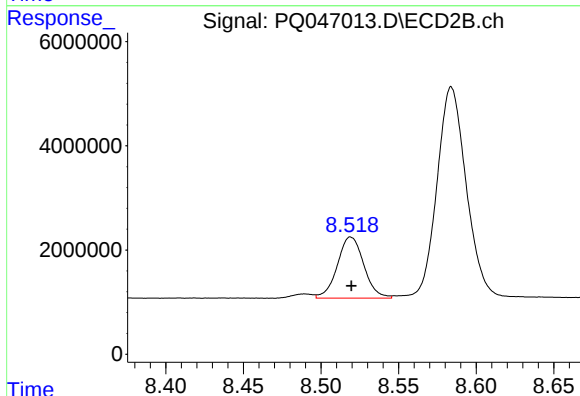
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 16573561
Conc: 127.86 ng/ml



#41 AR-1268-1

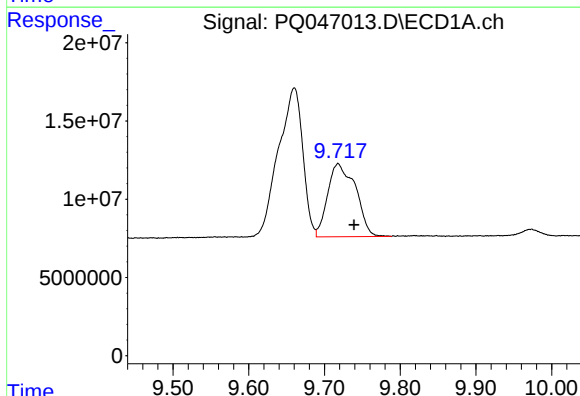
R.T.: 9.660 min
Delta R.T.: 0.019 min
Response: 215117380
Conc: 101.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



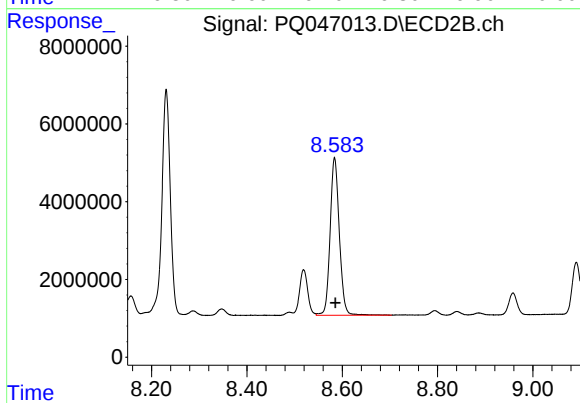
#41 AR-1268-1

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 13965380
Conc: 32.43 ng/ml



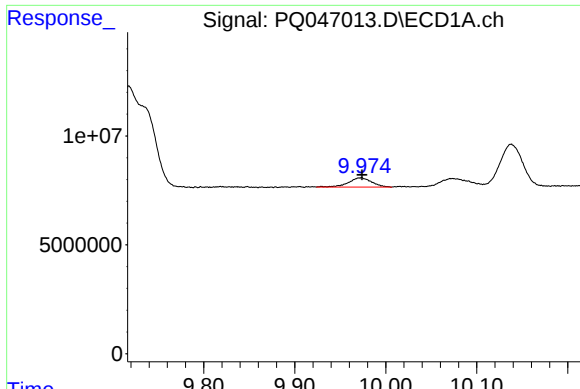
#42 AR-1268-2

R.T.: 9.718 min
Delta R.T.: -0.021 min
Response: 119630950
Conc: 66.15 ng/ml



#42 AR-1268-2

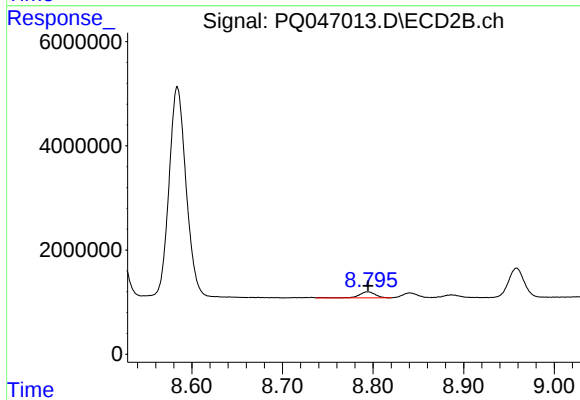
R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 54196450
Conc: 138.17 ng/ml



#43 AR-1268-3

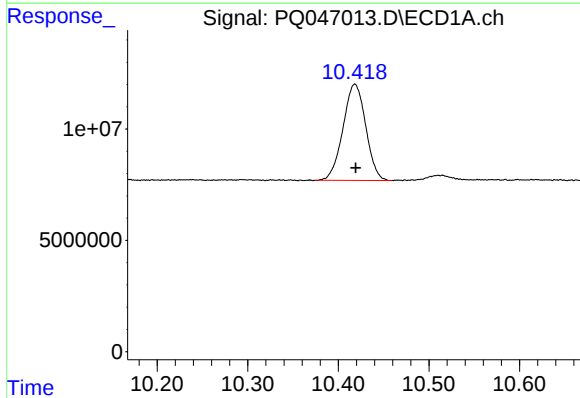
R.T.: 9.973 min
Delta R.T.: -0.001 min
Response: 7417816
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



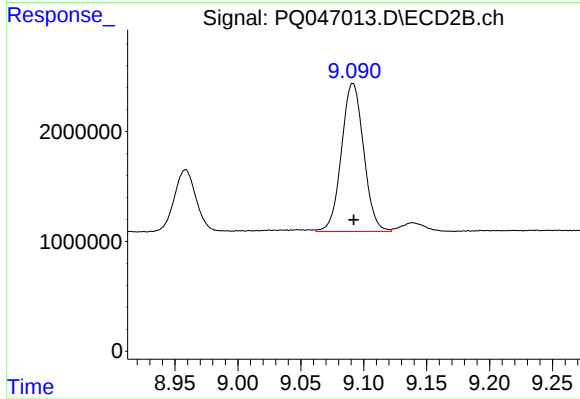
#43 AR-1268-3

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 1432958
Conc: 4.50 ng/ml



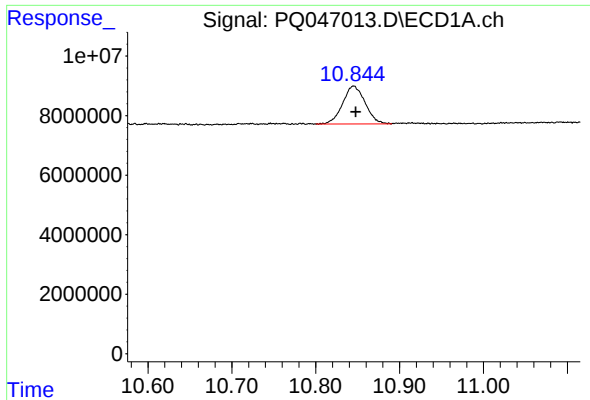
#44 AR-1268-4

R.T.: 10.418 min
Delta R.T.: 0.000 min
Response: 75371633
Conc: 123.85 ng/ml



#44 AR-1268-4

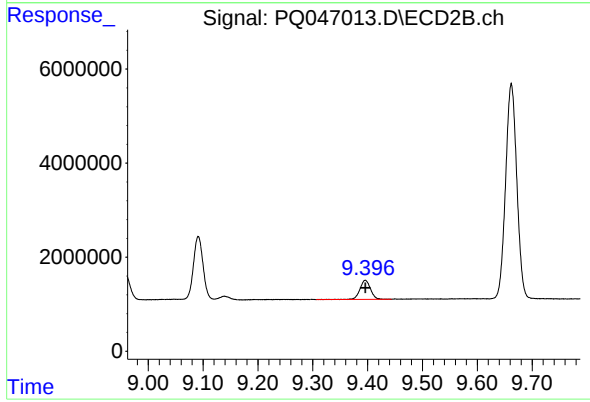
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 16573561
Conc: 119.24 ng/ml



#45 AR-1268-5

R.T.: 10.845 min
Delta R.T.: -0.002 min
Response: 23720673
Conc: 6.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 5487473
Conc: 5.45 ng/ml