

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040220\
 Data File : PQ047232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2020 12:41
 Operator : AJ\MA
 Sample : L2081-06DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 13:07:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ033020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 30 14:41:30 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...	5.106	4.263	179.2E6	25169136	9.910	10.460
2)	SA Decachlor...	11.183	9.649	391.6E6	126.0E6	46.197	53.861
Target Compounds							
3)	L1 AR-1016-1	6.444	5.561	23192864	1886986	34.607	20.152 #
4)	L1 AR-1016-2	6.444	5.561	23192864	1886986	24.507	15.039 #
5)	L1 AR-1016-3	6.516	5.752	12696145	1484723	22.421	22.201
6)	L1 AR-1016-4	6.591	5.801	70659610	1760748	148.840	32.689 #
7)	L1 AR-1016-5	6.936	6.035	26343893	1789102	60.041	25.682 #
8)	L2 AR-1221-1	0.000	4.514	0	924528	N.D.	30.920 #
10)	L2 AR-1221-3	5.555	4.767	6883936	5867092	13.202	83.815 #
11)	L3 AR-1232-1	5.555	4.767	6883936	5867092	18.459	117.161 #
12)	L3 AR-1232-2	6.102	5.561	25481104	1886986	129.249	37.560 #
13)	L3 AR-1232-3	6.444	5.752	23192864	1484723	59.589	57.014
14)	L3 AR-1232-4	6.591	5.845	70659610	997506	363.339	42.647 #
15)	L3 AR-1232-5	6.716	6.035	24493829	1789102	171.878	69.600 #
16)	L4 AR-1242-1	6.444	5.561	23192864	1886986	45.949	27.193 #
17)	L4 AR-1242-2	6.444	5.561	23192864	1886986	32.312	20.408 #
18)	L4 AR-1242-3	6.516	5.752	12696145	1484723	29.491	30.247
19)	L4 AR-1242-4	6.591	5.845	70659610	997506	194.586	20.662 #
20)	L4 AR-1242-5	7.405	6.417	46274156	28040692	126.857	445.075 #
21)	L5 AR-1248-1	6.444	5.561	23192864	1886986	61.464	37.159 #
22)	L5 AR-1248-2	6.716	5.801	24493829	1760748	50.149	27.147 #
23)	L5 AR-1248-3	6.936	5.845	26343893	997506	49.192	15.049 #
24)	L5 AR-1248-4	7.334	6.035	196.5E6	1789102	327.379	22.382 #
25)	L5 AR-1248-5	7.405	6.462	46274156	1871756	81.598	23.336 #
26)	L6 AR-1254-1	7.334	6.417	196.5E6	28040692	293.764	195.468 #
27)	L6 AR-1254-2	7.562	6.573	214.1E6	23652610	211.218	191.101
28)	L6 AR-1254-3	7.943	7.000	265.8E6	59503884	270.361	294.021
29)	L6 AR-1254-4	8.237	7.238	150.5E6	25792753	197.249	200.731
30)	L6 AR-1254-5	8.666	7.670	279.5E6	59470295	413.810	345.746
31)	L7 AR-1260-1	8.110	7.135	128.6E6	33229805	202.895	261.101 #
32)	L7 AR-1260-2	8.372	7.330	262.6E6	32252784	323.601	205.081 #
33)	L7 AR-1260-3	8.742	7.490	299.4E6	34476137	474.905	237.856 #
34)	L7 AR-1260-4	8.995	7.971	453.9E6	75471748	781.350	623.509
35)	L7 AR-1260-5	9.308	8.220	220.6E6	57725471	177.657	193.642
36)	L8 AR-1262-1	8.742	7.670	299.4E6	59470295	334.185	683.912 #
37)	L8 AR-1262-2	9.308	8.220	220.6E6	57725471	162.613	175.877
38)	L8 AR-1262-3	9.629	8.508	1416.7E6	336.1E6	1639.287	2539.513 #
39)	L8 AR-1262-4	9.727	8.574	968.0E6	287.3E6	1506.616	1217.267
40)	L8 AR-1262-5	10.407	9.081	327.3E6	91236737	745.097	824.300
41)	L9 AR-1268-1	9.629	8.508	1416.7E6	336.1E6	907.590	939.912
42)	L9 AR-1268-2	9.727	8.574	968.0E6	287.3E6	723.489	879.184

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040220\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2020 12:41
 Operator : AJ\MA
 Sample : L2081-06DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

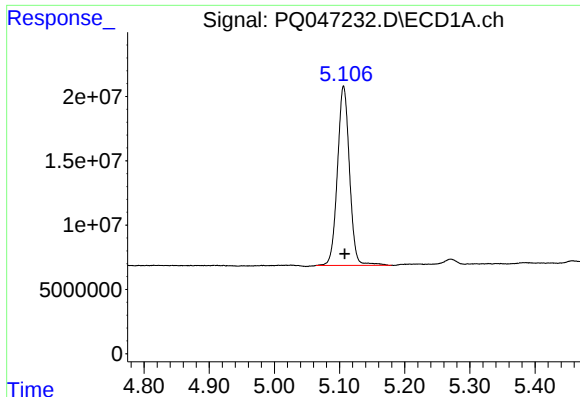
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 13:07:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ033020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 30 14:41:30 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
43)	L9 AR-1268-3	9.963	8.784	1059.0E6	270.0E6	945.193	1019.064
44)	L9 AR-1268-4	10.407	9.081	327.3E6	91236737	666.938	775.863
45)	L9 AR-1268-5	10.835	9.384	2845.2E6	849.6E6	910.864	956.287

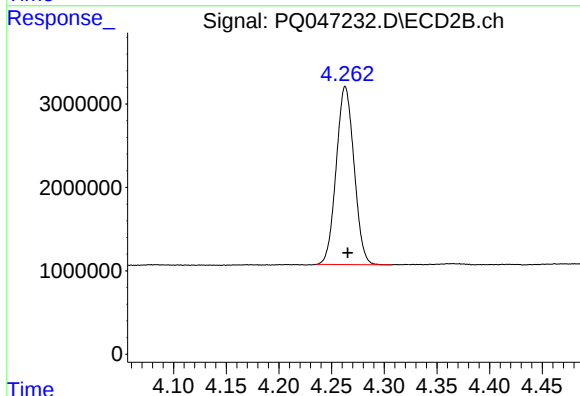
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

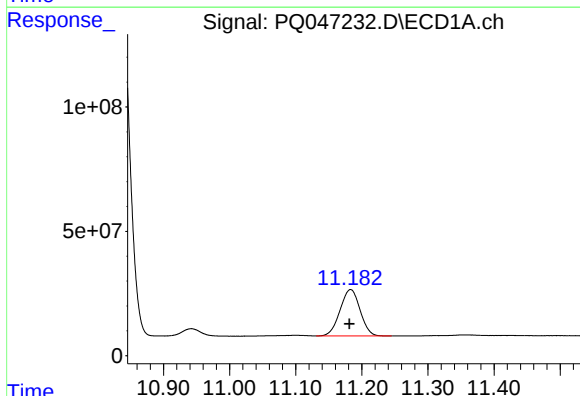
R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 179174049
Conc: 9.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



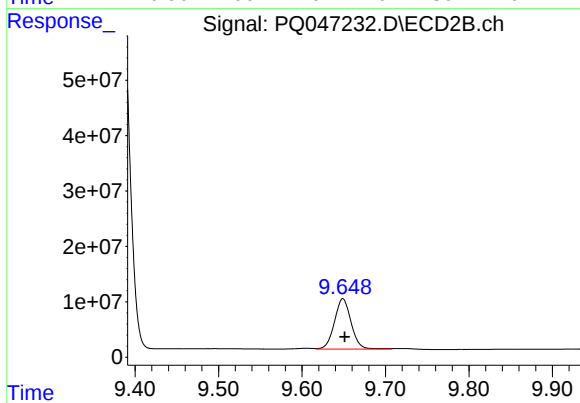
#1 Tetrachloro-m-xylene

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 25169136
Conc: 10.46 ng/ml



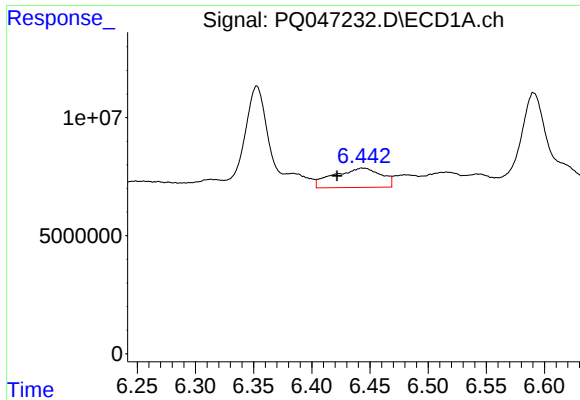
#2 Decachlorobiphenyl

R.T.: 11.183 min
Delta R.T.: 0.002 min
Response: 391602507
Conc: 46.20 ng/ml



#2 Decachlorobiphenyl

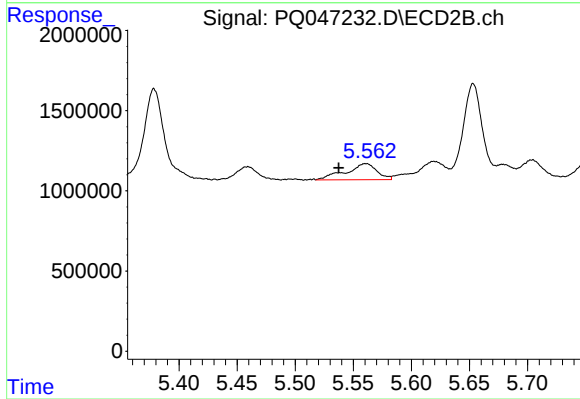
R.T.: 9.649 min
Delta R.T.: -0.002 min
Response: 126013958
Conc: 53.86 ng/ml



#3 AR-1016-1

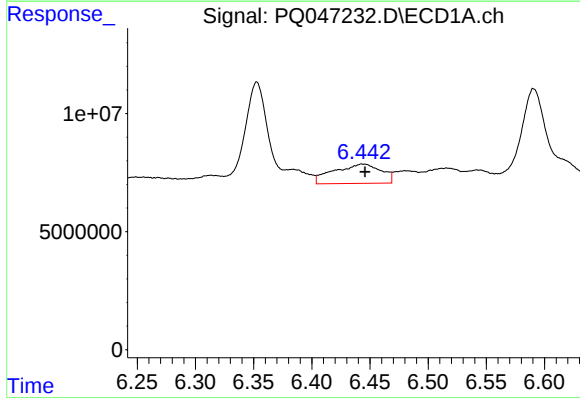
R.T.: 6.444 min
Delta R.T.: 0.022 min
Response: 23192864
Conc: 34.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



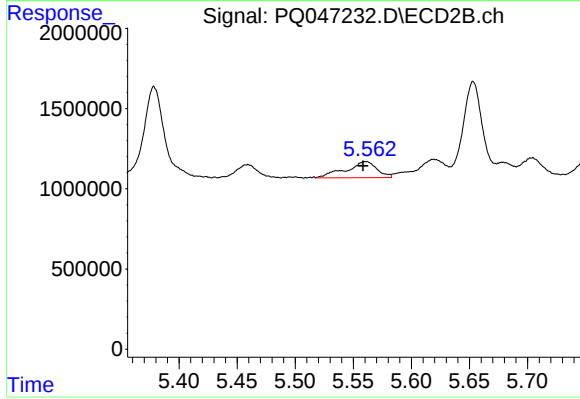
#3 AR-1016-1

R.T.: 5.561 min
Delta R.T.: 0.023 min
Response: 1886986
Conc: 20.15 ng/ml



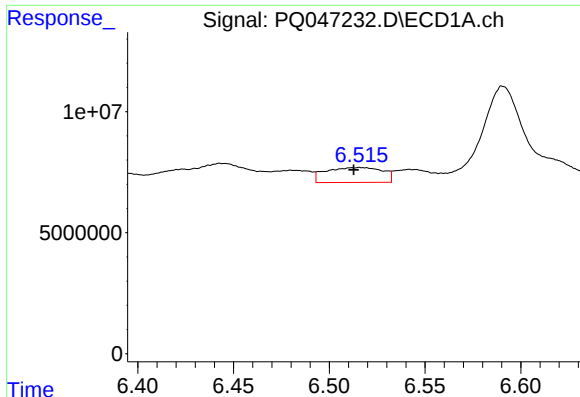
#4 AR-1016-2

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 23192864
Conc: 24.51 ng/ml



#4 AR-1016-2

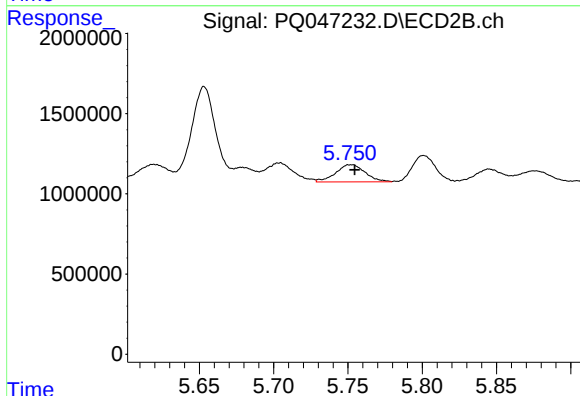
R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 1886986
Conc: 15.04 ng/ml



#5 AR-1016-3

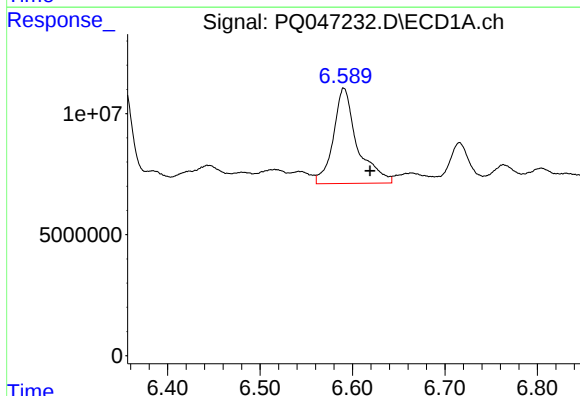
R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 12696145
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



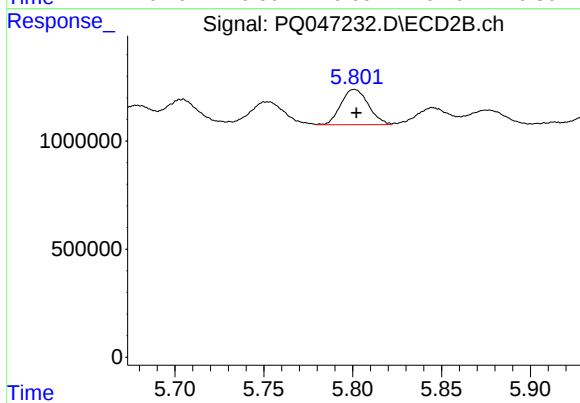
#5 AR-1016-3

R.T.: 5.752 min
Delta R.T.: -0.003 min
Response: 1484723
Conc: 22.20 ng/ml



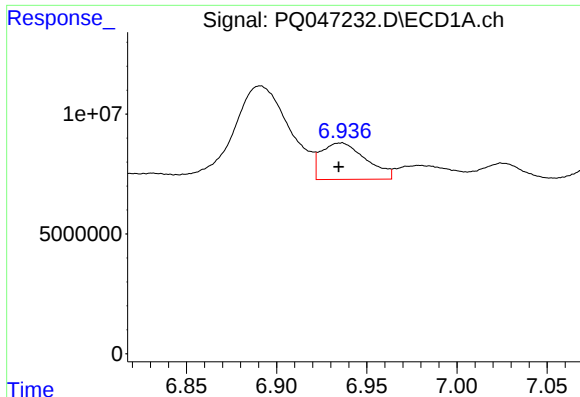
#6 AR-1016-4

R.T.: 6.591 min
Delta R.T.: -0.028 min
Response: 70659610
Conc: 148.84 ng/ml



#6 AR-1016-4

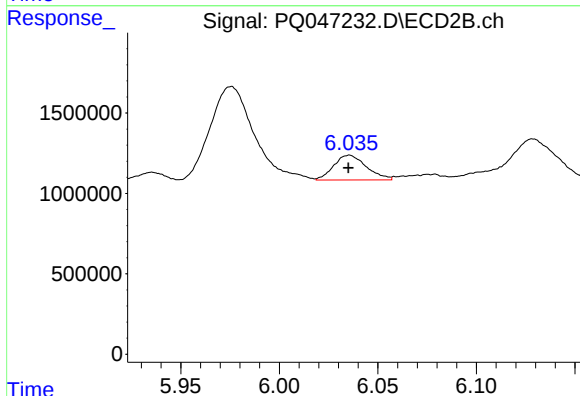
R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 1760748
Conc: 32.69 ng/ml



#7 AR-1016-5

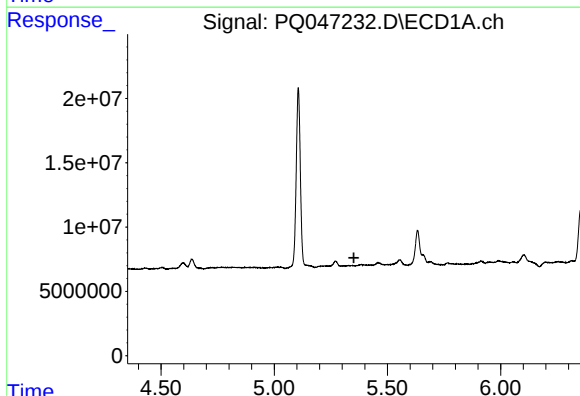
R.T.: 6.936 min
Delta R.T.: 0.001 min
Response: 26343893
Conc: 60.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



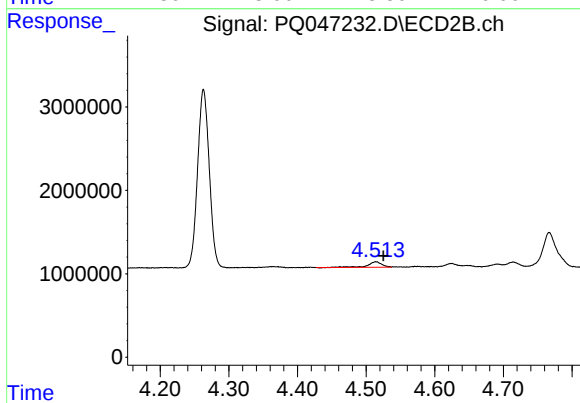
#7 AR-1016-5

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1789102
Conc: 25.68 ng/ml



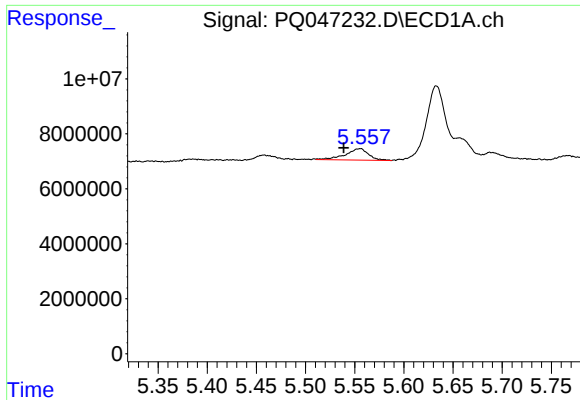
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.352 min
Response: 0
Conc: N.D.



#8 AR-1221-1

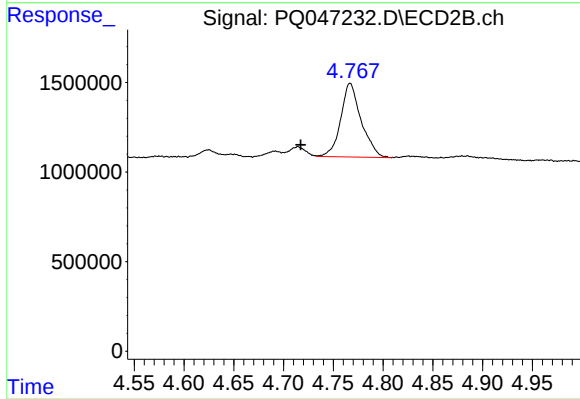
R.T.: 4.514 min
Delta R.T.: -0.011 min
Response: 924528
Conc: 30.92 ng/ml



#10 AR-1221-3

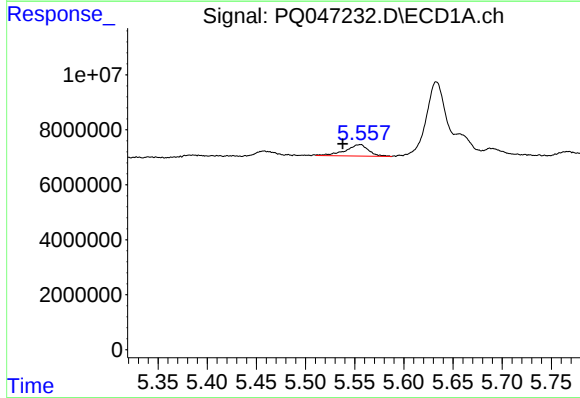
R.T.: 5.555 min
Delta R.T.: 0.017 min
Response: 6883936
Conc: 13.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



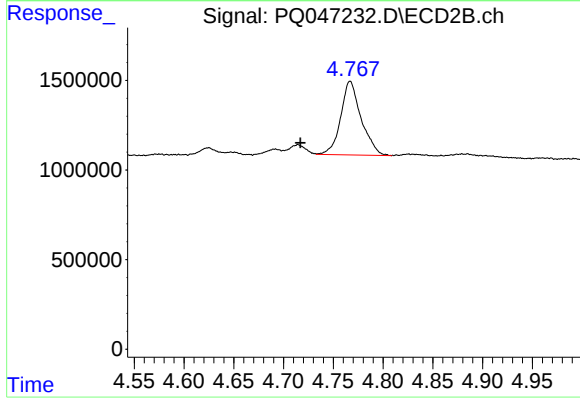
#10 AR-1221-3

R.T.: 4.767 min
Delta R.T.: 0.050 min
Response: 5867092
Conc: 83.81 ng/ml



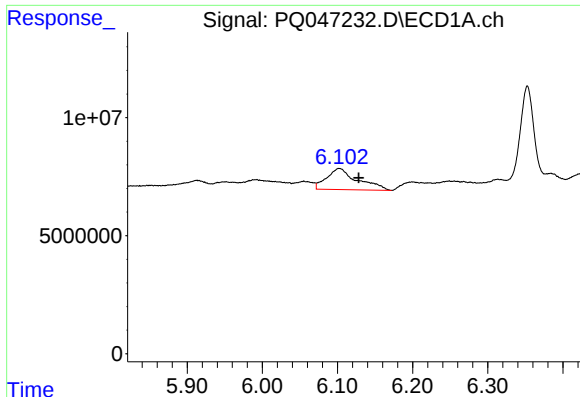
#11 AR-1232-1

R.T.: 5.555 min
Delta R.T.: 0.018 min
Response: 6883936
Conc: 18.46 ng/ml



#11 AR-1232-1

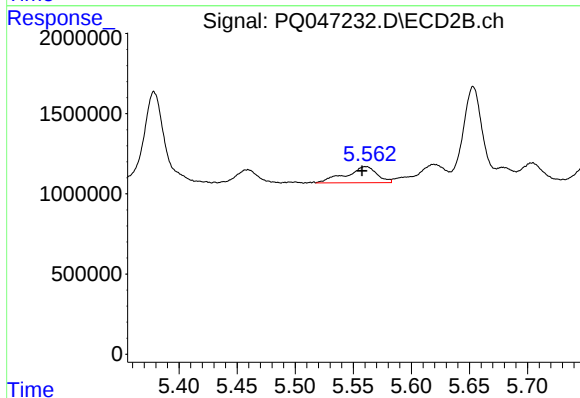
R.T.: 4.767 min
Delta R.T.: 0.050 min
Response: 5867092
Conc: 117.16 ng/ml



#12 AR-1232-2

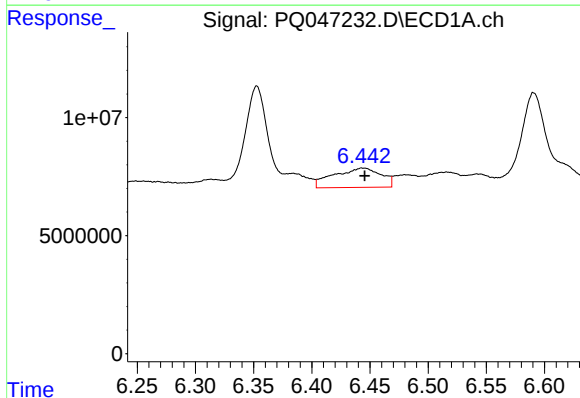
R.T.: 6.102 min
Delta R.T.: -0.026 min
Response: 25481104
Conc: 129.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



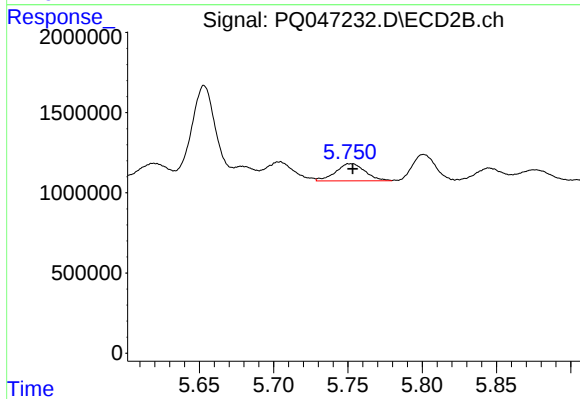
#12 AR-1232-2

R.T.: 5.561 min
Delta R.T.: 0.003 min
Response: 1886986
Conc: 37.56 ng/ml



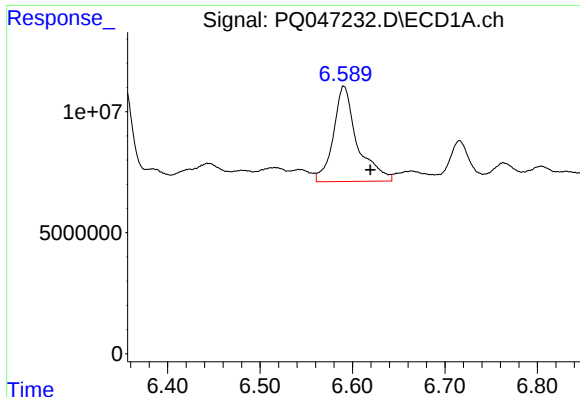
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 23192864
Conc: 59.59 ng/ml



#13 AR-1232-3

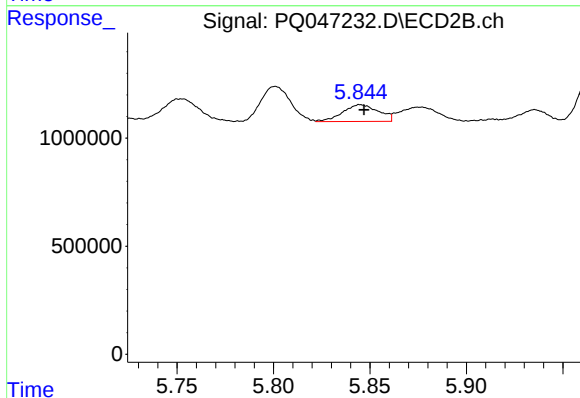
R.T.: 5.752 min
Delta R.T.: -0.001 min
Response: 1484723
Conc: 57.01 ng/ml



#14 AR-1232-4

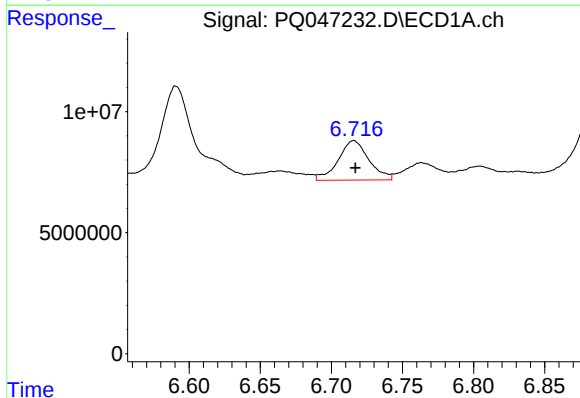
R.T.: 6.591 min
Delta R.T.: -0.029 min
Response: 70659610
Conc: 363.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



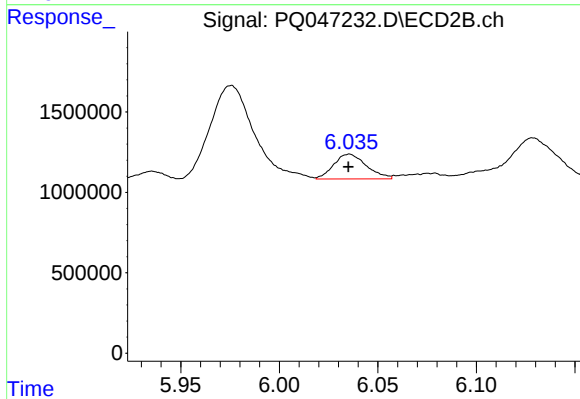
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 997506
Conc: 42.65 ng/ml



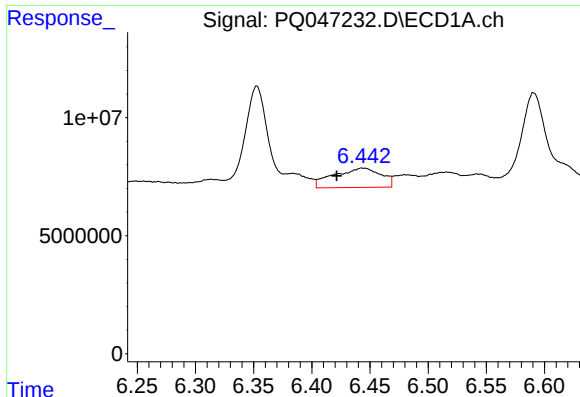
#15 AR-1232-5

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 24493829
Conc: 171.88 ng/ml



#15 AR-1232-5

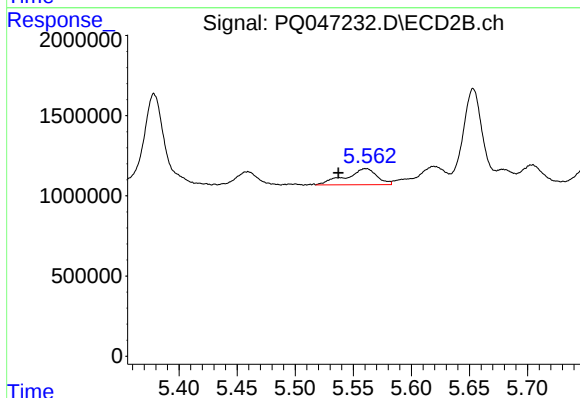
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1789102
Conc: 69.60 ng/ml



#16 AR-1242-1

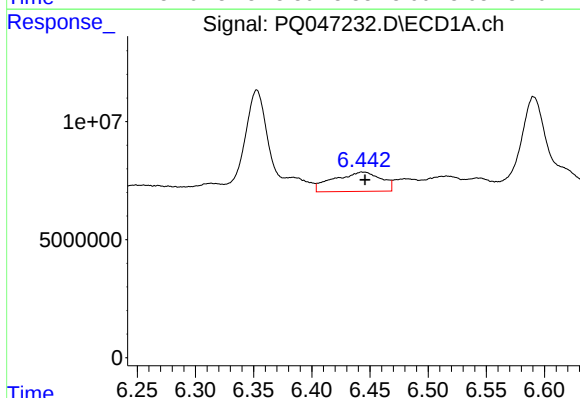
R.T.: 6.444 min
Delta R.T.: 0.022 min
Response: 23192864
Conc: 45.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



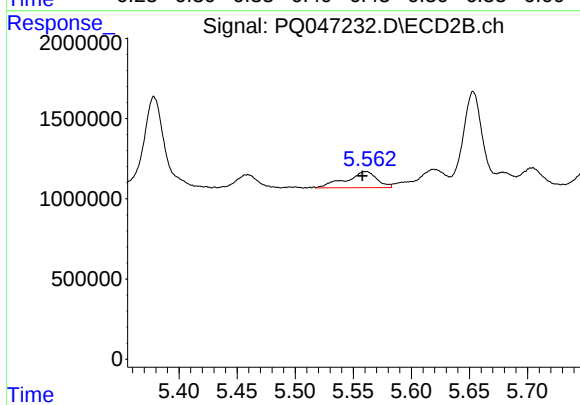
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: 0.024 min
Response: 1886986
Conc: 27.19 ng/ml



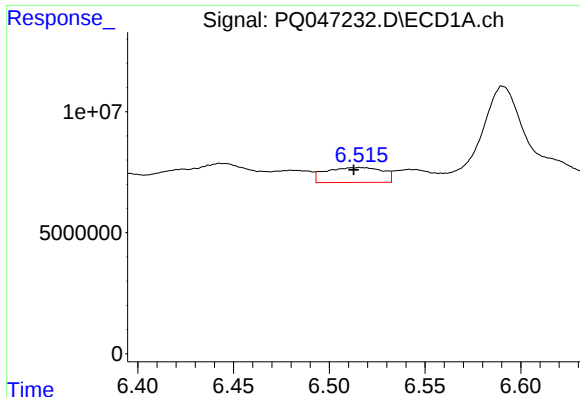
#17 AR-1242-2

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 23192864
Conc: 32.31 ng/ml



#17 AR-1242-2

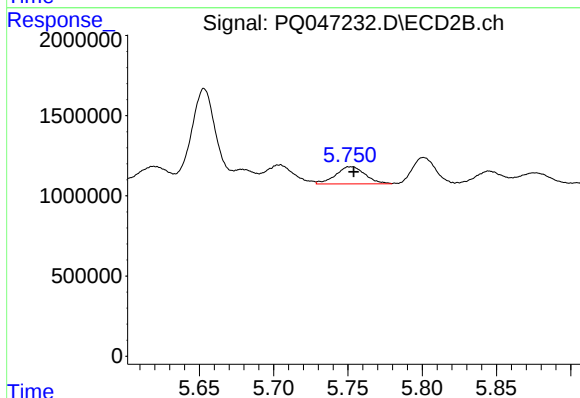
R.T.: 5.561 min
Delta R.T.: 0.003 min
Response: 1886986
Conc: 20.41 ng/ml



#18 AR-1242-3

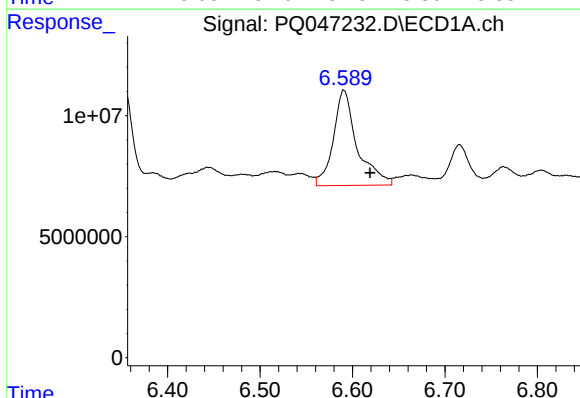
R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 12696145
Conc: 29.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



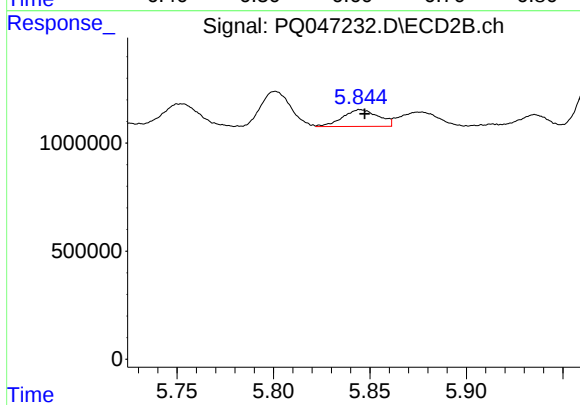
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 1484723
Conc: 30.25 ng/ml



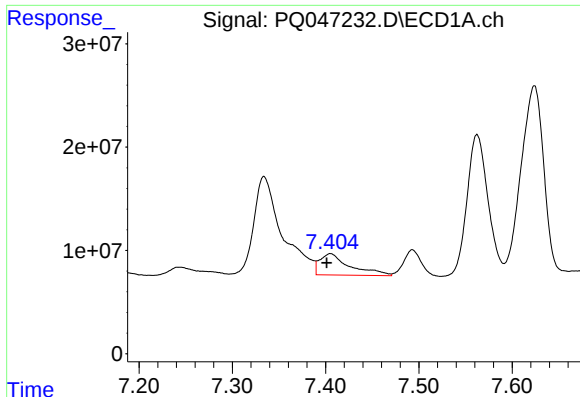
#19 AR-1242-4

R.T.: 6.591 min
Delta R.T.: -0.028 min
Response: 70659610
Conc: 194.59 ng/ml



#19 AR-1242-4

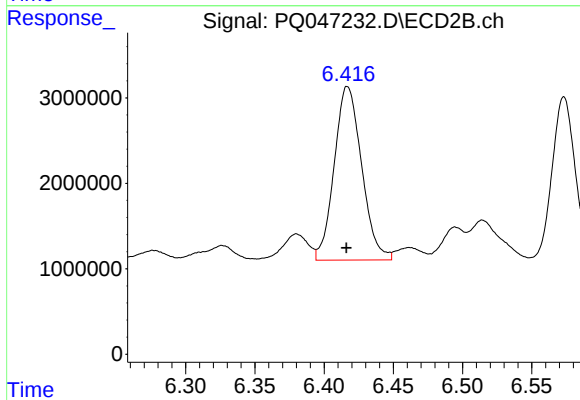
R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 997506
Conc: 20.66 ng/ml



#20 AR-1242-5

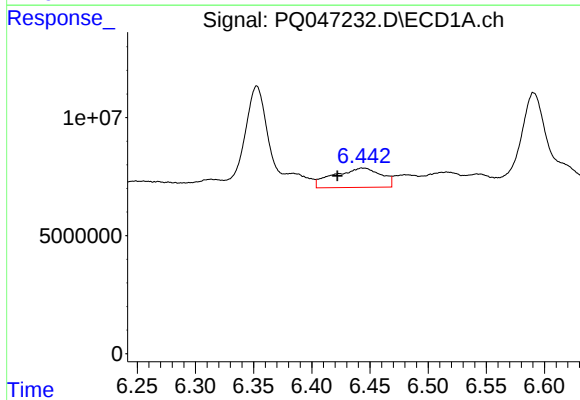
R.T.: 7.405 min
Delta R.T.: 0.004 min
Response: 46274156
Conc: 126.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



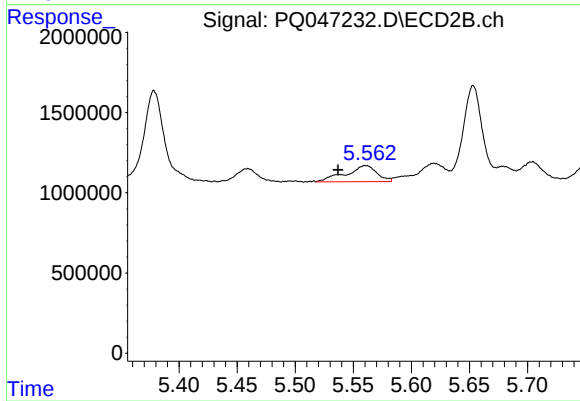
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 28040692
Conc: 445.07 ng/ml



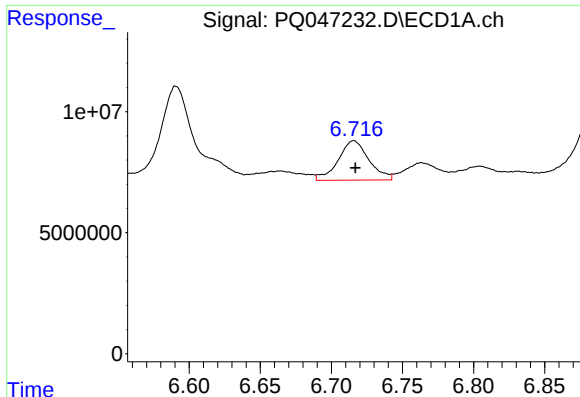
#21 AR-1248-1

R.T.: 6.444 min
Delta R.T.: 0.022 min
Response: 23192864
Conc: 61.46 ng/ml



#21 AR-1248-1

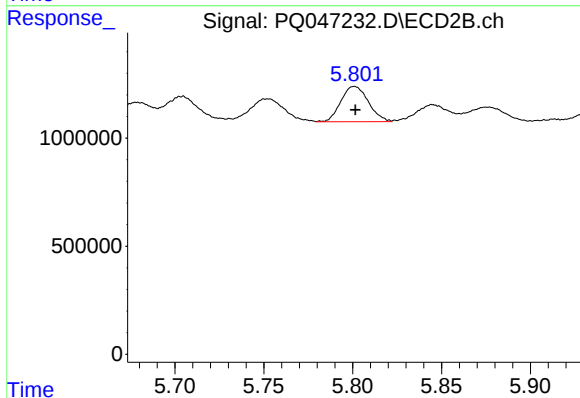
R.T.: 5.561 min
Delta R.T.: 0.024 min
Response: 1886986
Conc: 37.16 ng/ml



#22 AR-1248-2

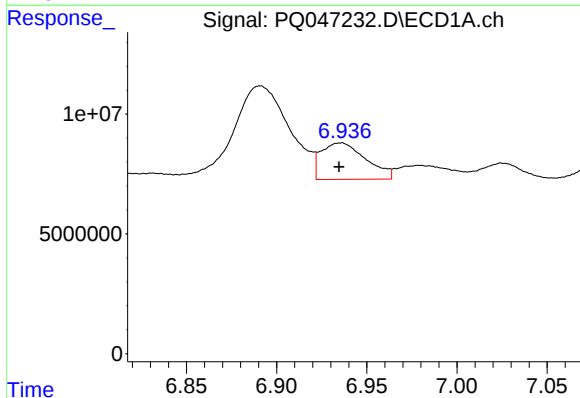
R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 24493829
Conc: 50.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



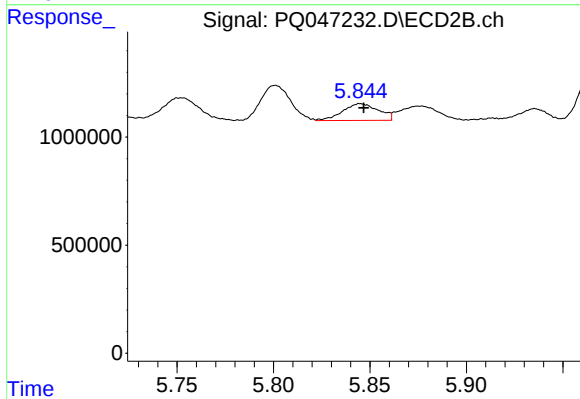
#22 AR-1248-2

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 1760748
Conc: 27.15 ng/ml



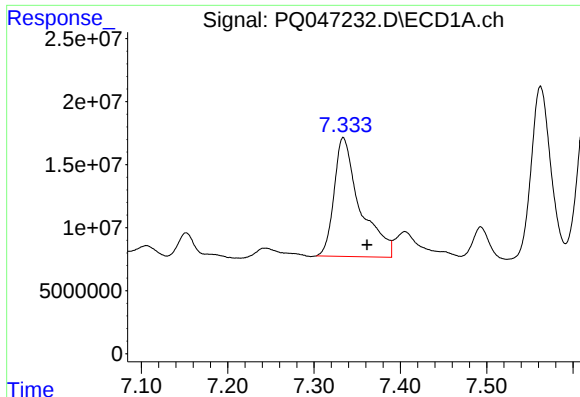
#23 AR-1248-3

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 26343893
Conc: 49.19 ng/ml



#23 AR-1248-3

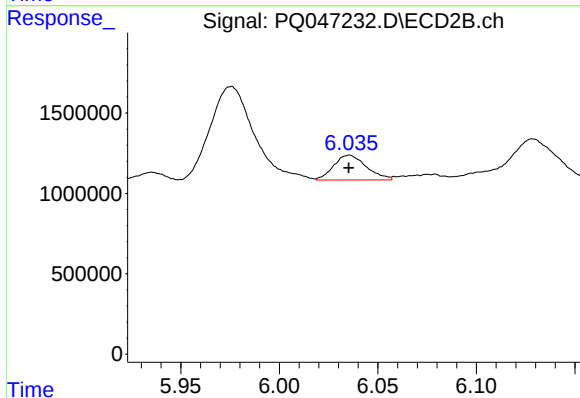
R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 997506
Conc: 15.05 ng/ml



#24 AR-1248-4

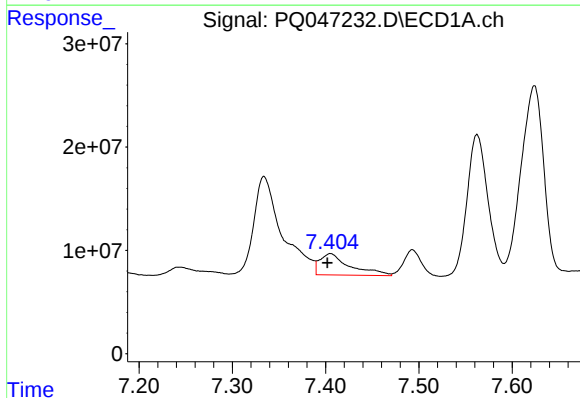
R.T.: 7.334 min
Delta R.T.: -0.028 min
Response: 196528300
Conc: 327.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



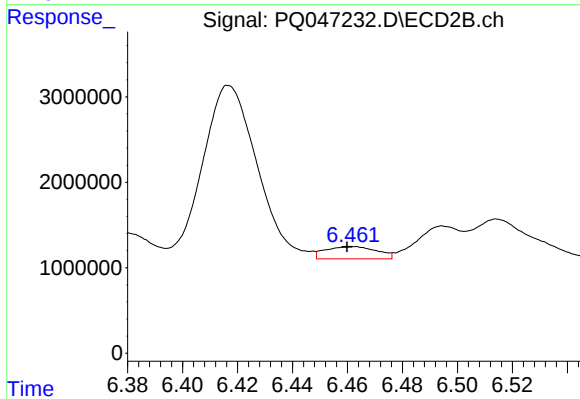
#24 AR-1248-4

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1789102
Conc: 22.38 ng/ml



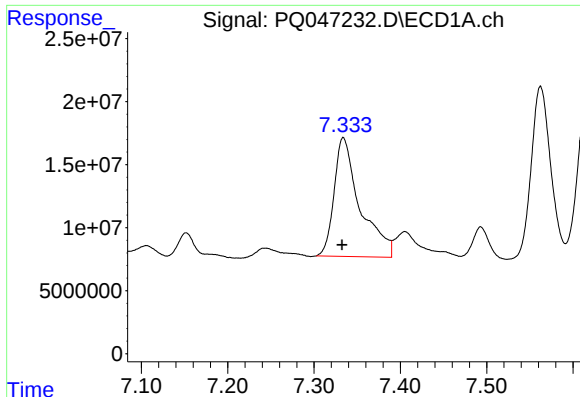
#25 AR-1248-5

R.T.: 7.405 min
Delta R.T.: 0.003 min
Response: 46274156
Conc: 81.60 ng/ml



#25 AR-1248-5

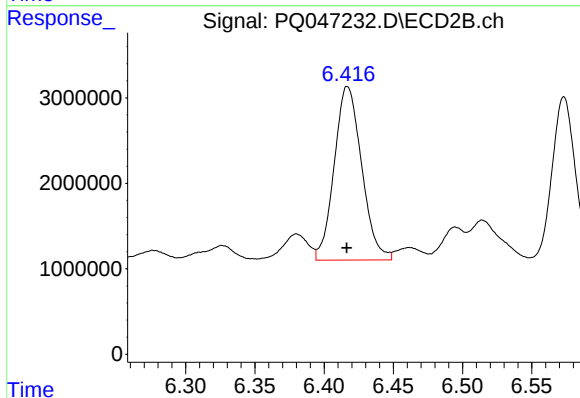
R.T.: 6.462 min
Delta R.T.: 0.002 min
Response: 1871756
Conc: 23.34 ng/ml



#26 AR-1254-1

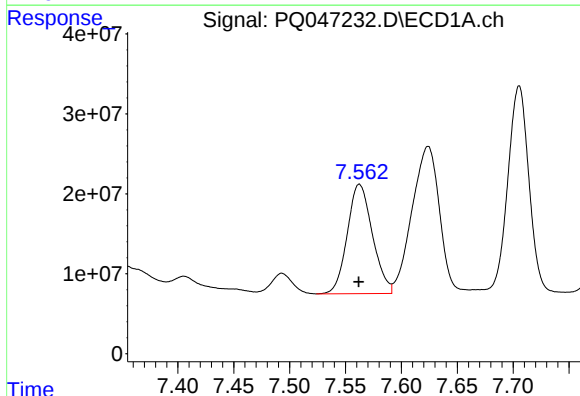
R.T.: 7.334 min
Delta R.T.: 0.002 min
Response: 196528300
Conc: 293.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



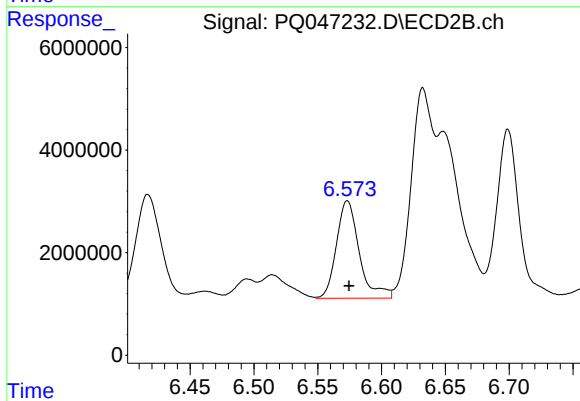
#26 AR-1254-1

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 28040692
Conc: 195.47 ng/ml



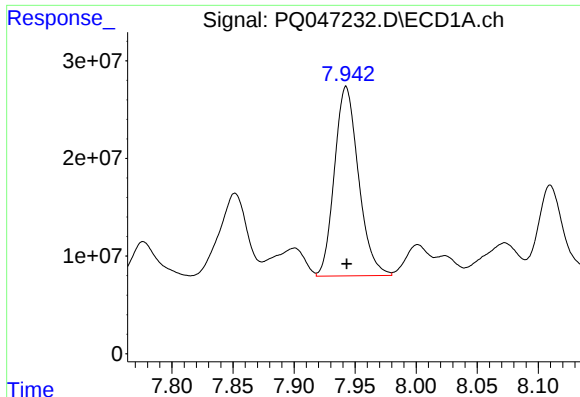
#27 AR-1254-2

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 214076751
Conc: 211.22 ng/ml



#27 AR-1254-2

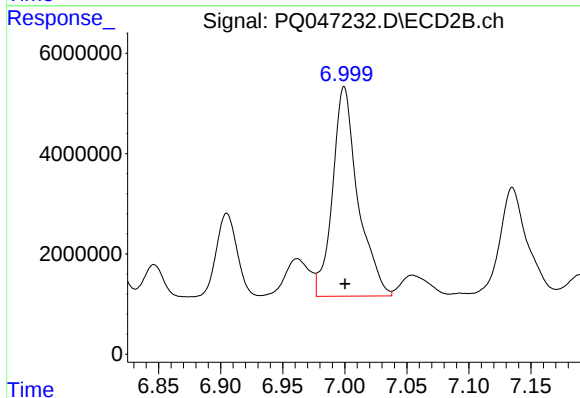
R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 23652610
Conc: 191.10 ng/ml



#28 AR-1254-3

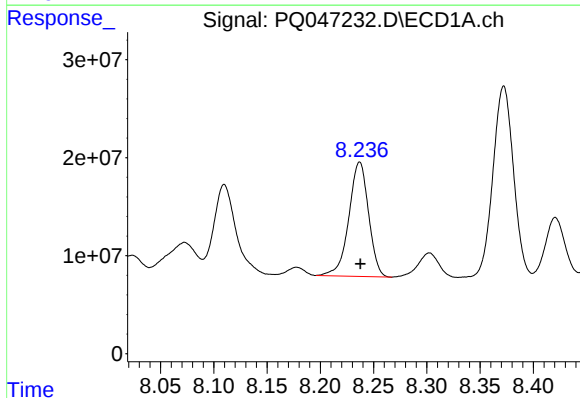
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 265839150
Conc: 270.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



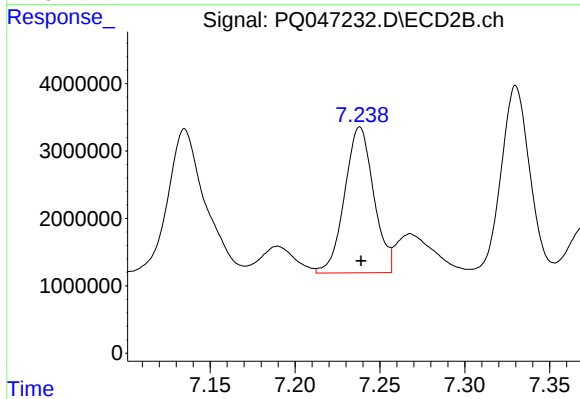
#28 AR-1254-3

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 59503884
Conc: 294.02 ng/ml



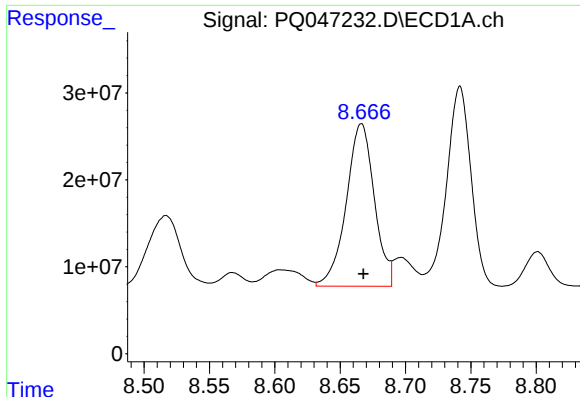
#29 AR-1254-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 150493436
Conc: 197.25 ng/ml



#29 AR-1254-4

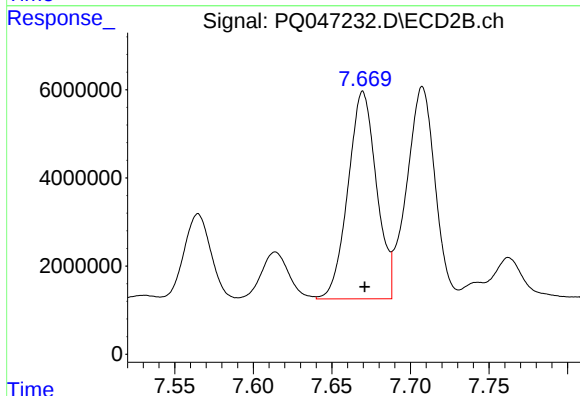
R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 25792753
Conc: 200.73 ng/ml



#30 AR-1254-5

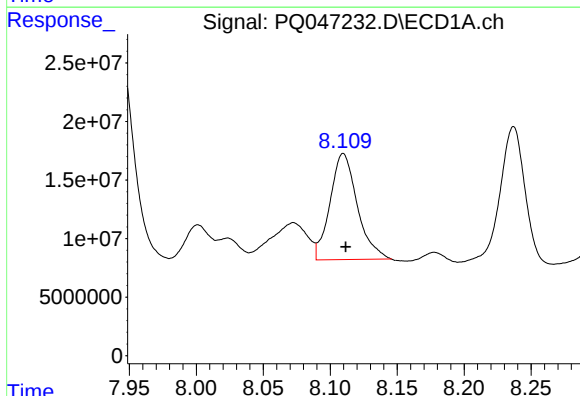
R.T.: 8.666 min
Delta R.T.: -0.002 min
Response: 279471058
Conc: 413.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



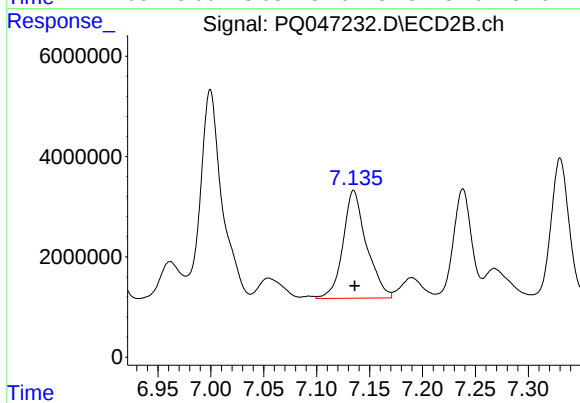
#30 AR-1254-5

R.T.: 7.670 min
Delta R.T.: -0.001 min
Response: 59470295
Conc: 345.75 ng/ml



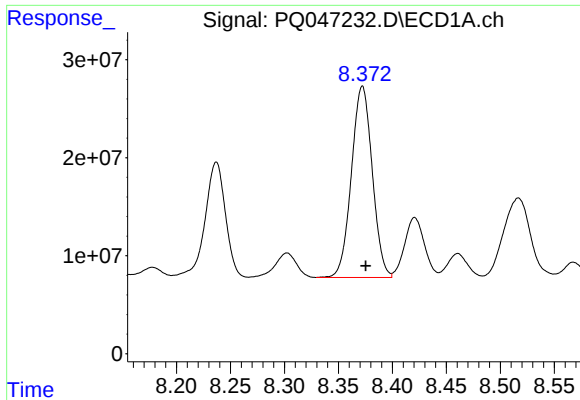
#31 AR-1260-1

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 128630186
Conc: 202.90 ng/ml



#31 AR-1260-1

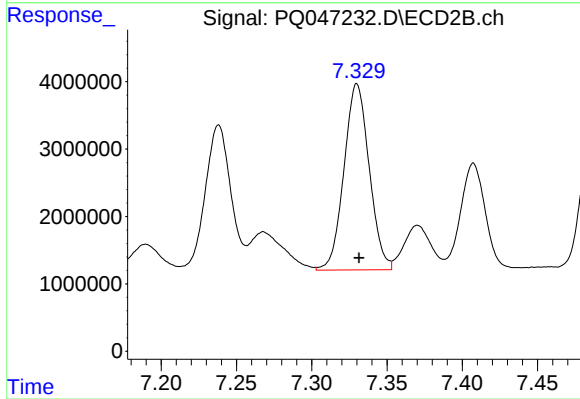
R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 33229805
Conc: 261.10 ng/ml



#32 AR-1260-2

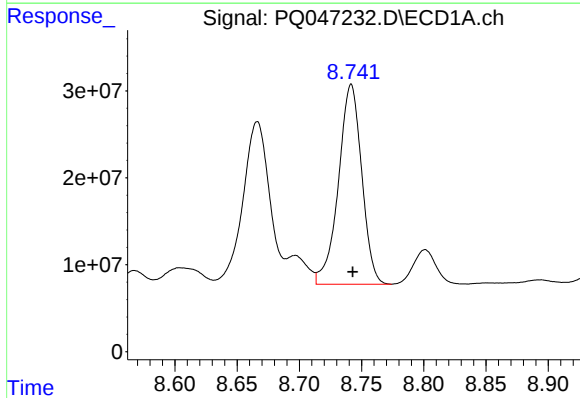
R.T.: 8.372 min
Delta R.T.: -0.003 min
Response: 262648921
Conc: 323.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



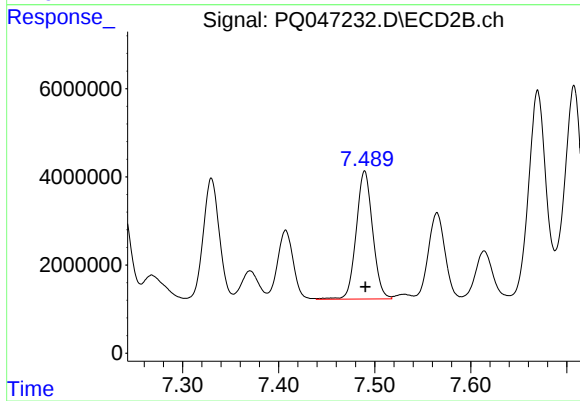
#32 AR-1260-2

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 32252784
Conc: 205.08 ng/ml



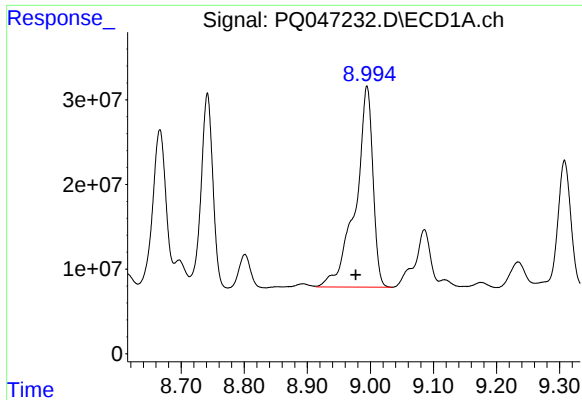
#33 AR-1260-3

R.T.: 8.742 min
Delta R.T.: -0.001 min
Response: 299360260
Conc: 474.90 ng/ml



#33 AR-1260-3

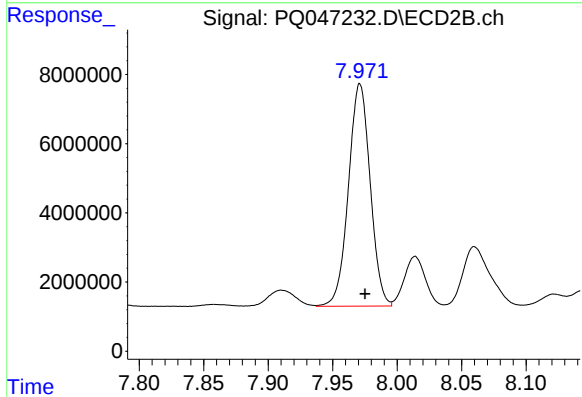
R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 34476137
Conc: 237.86 ng/ml



#34 AR-1260-4

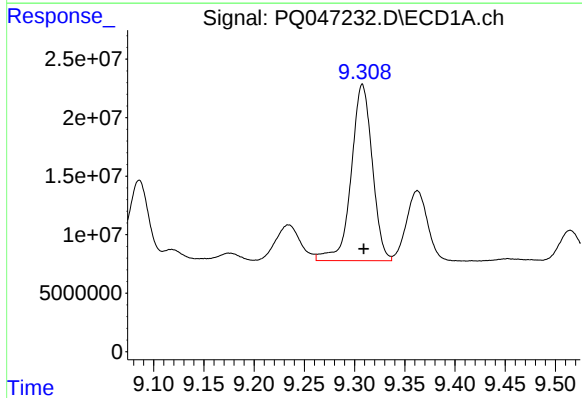
R.T.: 8.995 min
Delta R.T.: 0.018 min
Response: 453854473
Conc: 781.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



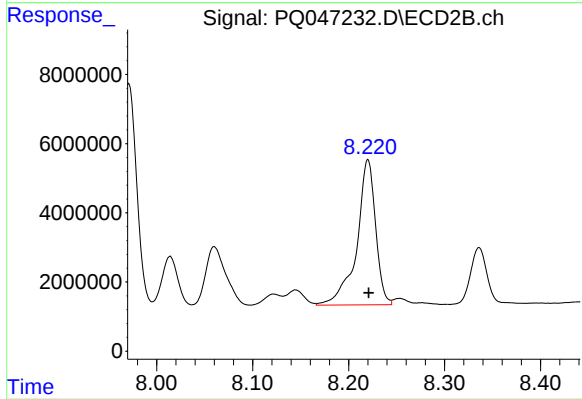
#34 AR-1260-4

R.T.: 7.971 min
Delta R.T.: -0.004 min
Response: 75471748
Conc: 623.51 ng/ml



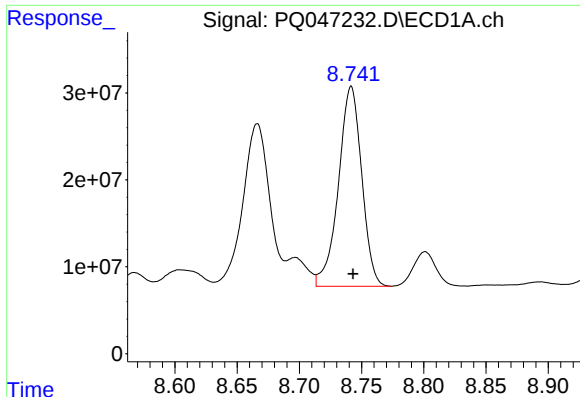
#35 AR-1260-5

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 220565901
Conc: 177.66 ng/ml



#35 AR-1260-5

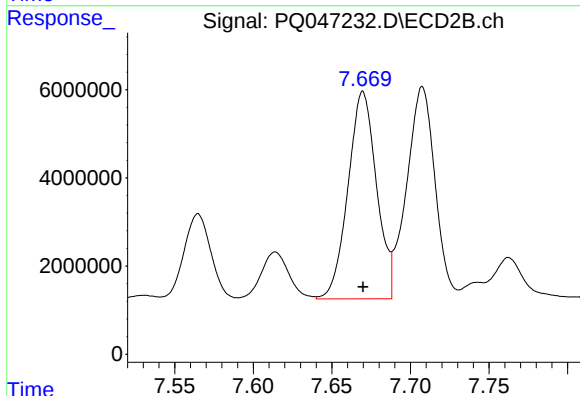
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 57725471
Conc: 193.64 ng/ml



#36 AR-1262-1

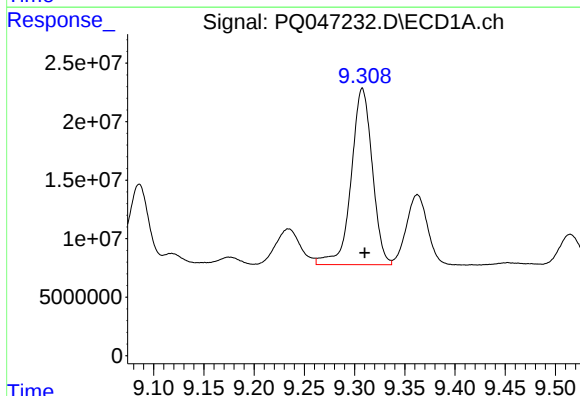
R.T.: 8.742 min
Delta R.T.: -0.001 min
Response: 299360260
Conc: 334.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



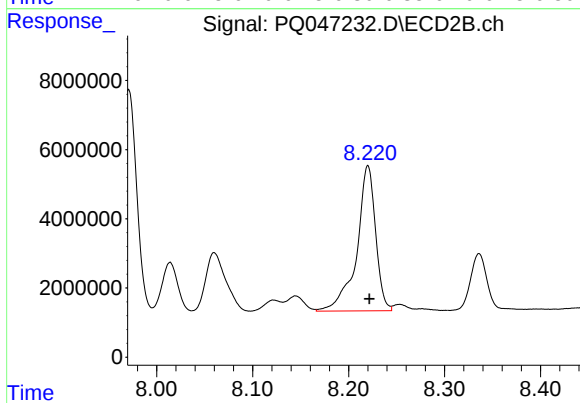
#36 AR-1262-1

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 59470295
Conc: 683.91 ng/ml



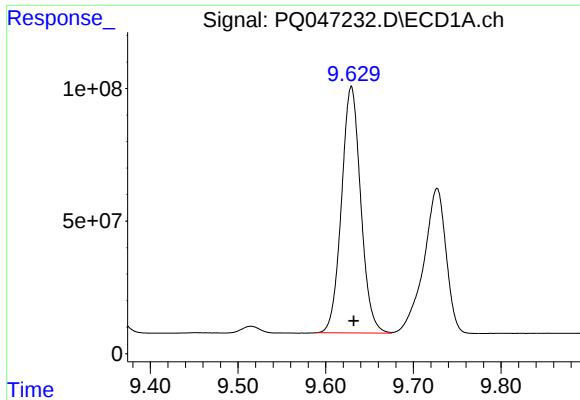
#37 AR-1262-2

R.T.: 9.308 min
Delta R.T.: -0.002 min
Response: 220565901
Conc: 162.61 ng/ml



#37 AR-1262-2

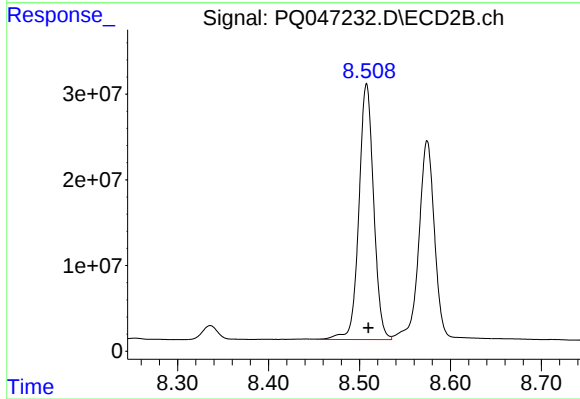
R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 57725471
Conc: 175.88 ng/ml



#38 AR-1262-3

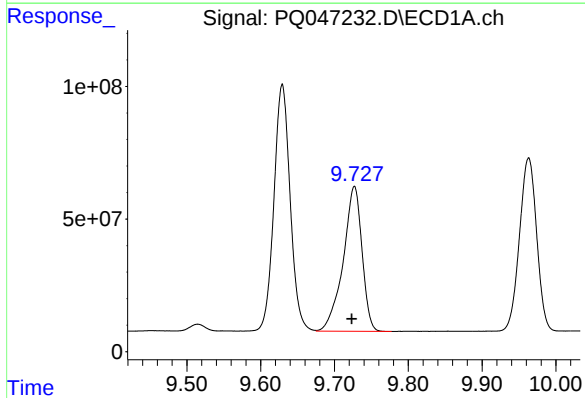
R.T.: 9.629 min
Delta R.T.: -0.003 min
Response: 1416730422
Conc: 1639.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



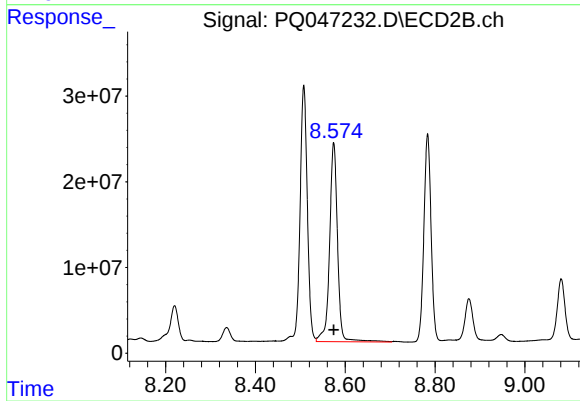
#38 AR-1262-3

R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 336092057
Conc: 2539.51 ng/ml



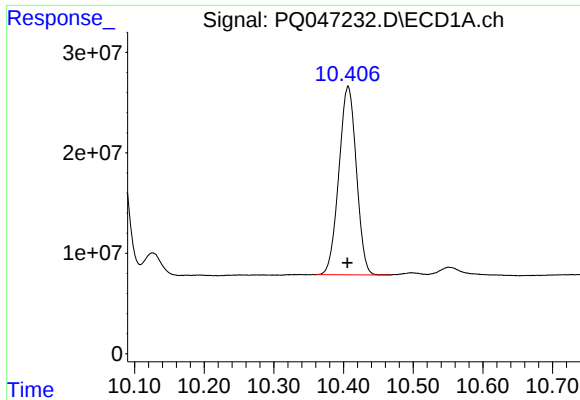
#39 AR-1262-4

R.T.: 9.727 min
Delta R.T.: 0.003 min
Response: 968045353
Conc: 1506.62 ng/ml



#39 AR-1262-4

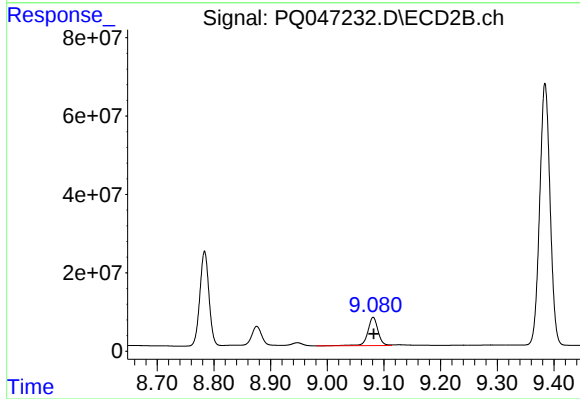
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 287268270
Conc: 1217.27 ng/ml



#40 AR-1262-5

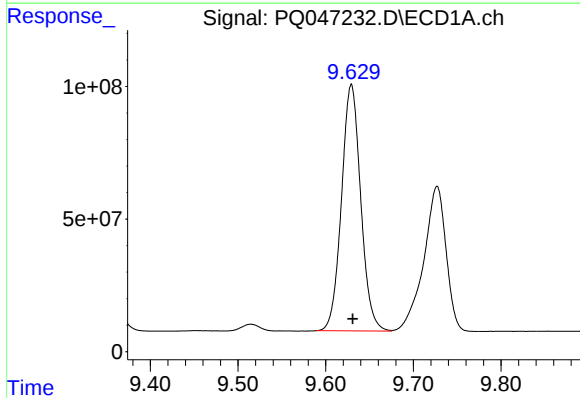
R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 327272168
Conc: 745.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



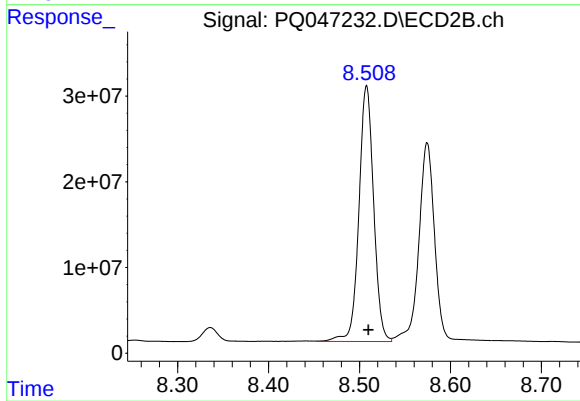
#40 AR-1262-5

R.T.: 9.081 min
Delta R.T.: -0.001 min
Response: 91236737
Conc: 824.30 ng/ml



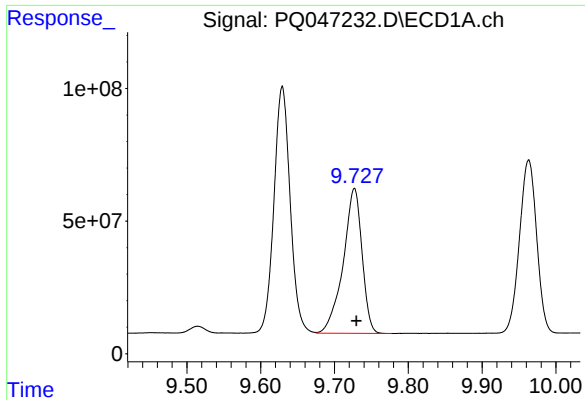
#41 AR-1268-1

R.T.: 9.629 min
Delta R.T.: -0.002 min
Response: 1416730422
Conc: 907.59 ng/ml



#41 AR-1268-1

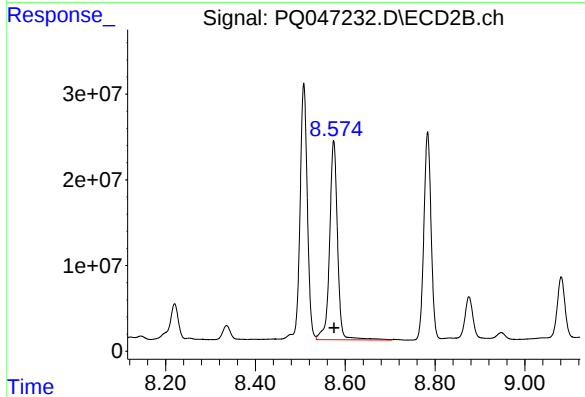
R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 336092057
Conc: 939.91 ng/ml



#42 AR-1268-2

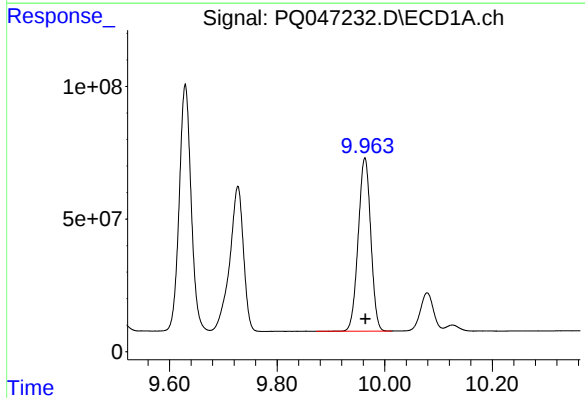
R.T.: 9.727 min
Delta R.T.: -0.003 min
Response: 968045353
Conc: 723.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



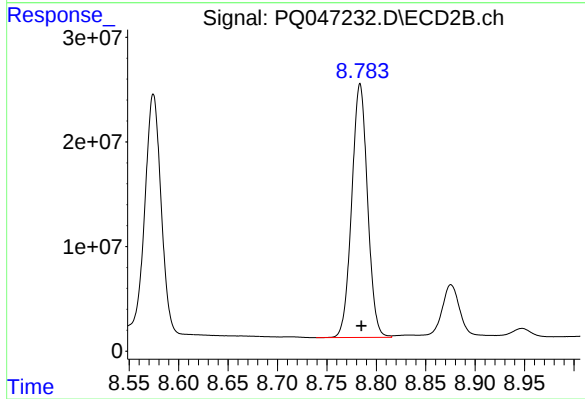
#42 AR-1268-2

R.T.: 8.574 min
Delta R.T.: -0.001 min
Response: 287268270
Conc: 879.18 ng/ml



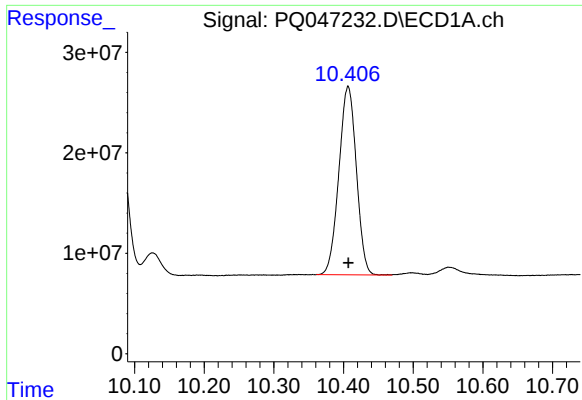
#43 AR-1268-3

R.T.: 9.963 min
Delta R.T.: -0.001 min
Response: 1058978855
Conc: 945.19 ng/ml



#43 AR-1268-3

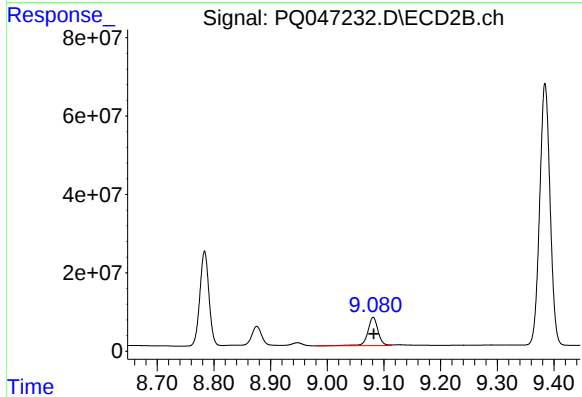
R.T.: 8.784 min
Delta R.T.: -0.001 min
Response: 270042746
Conc: 1019.06 ng/ml



#44 AR-1268-4

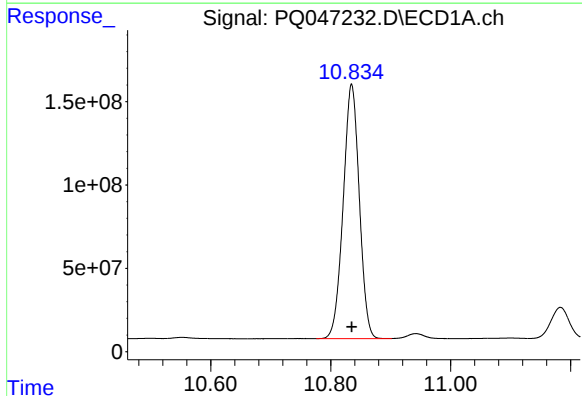
R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 327272168
Conc: 666.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



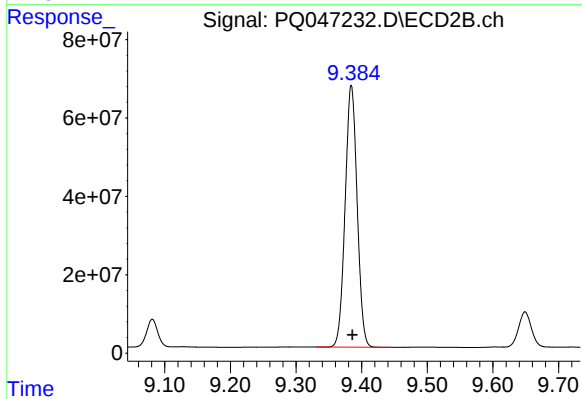
#44 AR-1268-4

R.T.: 9.081 min
Delta R.T.: -0.001 min
Response: 91236737
Conc: 775.86 ng/ml



#45 AR-1268-5

R.T.: 10.835 min
Delta R.T.: 0.000 min
Response: 2845160794
Conc: 910.86 ng/ml



#45 AR-1268-5

R.T.: 9.384 min
Delta R.T.: -0.002 min
Response: 849622498
Conc: 956.29 ng/ml