

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
 Data File : PQ063212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 09:23
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 10:48:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.461	2.783	228.0E6	181.6E6	42.424	44.037
2)	SA Decachlor...	8.700	7.593	183.0E6	230.0E6	47.261	53.166
Target Compounds							
3)	L1 AR-1016-1	4.575	3.795	84408392	77341768	433.812	485.309
4)	L1 AR-1016-2	4.594	3.810	122.9E6	104.6E6	442.823	489.668
5)	L1 AR-1016-3	4.653	3.972	75402063	60141170	440.938	503.034
6)	L1 AR-1016-4	4.745	4.021	63003101	48798818	447.690	502.944
7)	L1 AR-1016-5	5.035	4.217	63729691	63464721	463.173	504.330
8)	L2 AR-1221-1	3.659	2.986	9891479	9155784	145.364	166.857
9)	L2 AR-1221-2	3.743	3.063	11812606	9983577	247.585	264.684
10)	L2 AR-1221-3	3.814	3.133	46892011	38611720	303.844	320.898
11)	L3 AR-1232-1	3.814	3.133	46892011	38611720	362.939	396.280
12)	L3 AR-1232-2	4.313	3.810	65950795	104.6E6	945.611	1075.622
13)	L3 AR-1232-3	4.594	3.972	122.9E6	60141170	1005.576	1132.662
14)	L3 AR-1232-4	4.745	4.058	63003101	54197565	1044.153	1180.822
15)	L3 AR-1232-5	4.843	4.217	49600117	63464721	1136.406	1170.446
16)	L4 AR-1242-1	4.575	3.795	84408392	77341768	500.116	535.541
17)	L4 AR-1242-2	4.594	3.810	122.9E6	104.6E6	509.506	550.741
18)	L4 AR-1242-3	4.653	3.972	75402063	60141170	514.755	557.228
19)	L4 AR-1242-4	4.745	4.058	63003101	54197565	509.165	543.994
20)	L4 AR-1242-5	5.468	4.557	16805329	64571782	127.161	477.584 #
21)	L5 AR-1248-1	4.575	3.795	84408392	77341768	633.933	692.355
22)	L5 AR-1248-2	4.843	4.021	49600117	48798818	283.830	309.017
23)	L5 AR-1248-3	5.035	4.058	63729691	54197565	301.361	355.395
24)	L5 AR-1248-4	5.432	4.217	22440957	63464721	94.186	333.741 #
25)	L5 AR-1248-5	5.468	4.595	16805329	18460943	72.318	95.450 #
26)	L6 AR-1254-1	5.404	4.557	57633529	64571782	263.161	240.660
27)	L6 AR-1254-2	5.624	4.704	50964109	47553415	150.494	202.601 #
28)	L6 AR-1254-3	5.979	5.090	26195384	21063114	73.066	55.698
29)	L6 AR-1254-4	6.264	5.318	18240678	8262047	67.324	33.819 #
30)	L6 AR-1254-5	6.681	5.725	168.0E6	188.9E6	607.588	547.204
31)	L7 AR-1260-1	6.146	5.219	126.2E6	133.3E6	493.658	534.089
32)	L7 AR-1260-2	6.408	5.410	150.4E6	163.5E6	495.469	531.021
33)	L7 AR-1260-3	6.763	5.553	107.0E6	154.1E6	507.550	497.447
34)	L7 AR-1260-4	6.982	6.018	123.4E6	131.4E6	515.038	535.736
35)	L7 AR-1260-5	7.295	6.265	240.0E6	294.1E6	511.659	538.140
36)	L8 AR-1262-1	6.763	5.820	107.0E6	67118083	331.303	470.065 #
37)	L8 AR-1262-2	7.295	6.018	240.0E6	131.4E6	442.337	420.388
38)	L8 AR-1262-3	7.575	6.546	150.9E6	71953389	417.870	285.429 #
39)	L8 AR-1262-4	7.646	6.604	93202258	220.8E6	332.522	472.361 #
40)	L8 AR-1262-5	8.156	7.104	62473201	79341755	332.381	361.086
41)	L9 AR-1268-1	7.575	6.546	150.9E6	71953389	233.397	96.416 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
Data File : PQ063212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2023 09:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

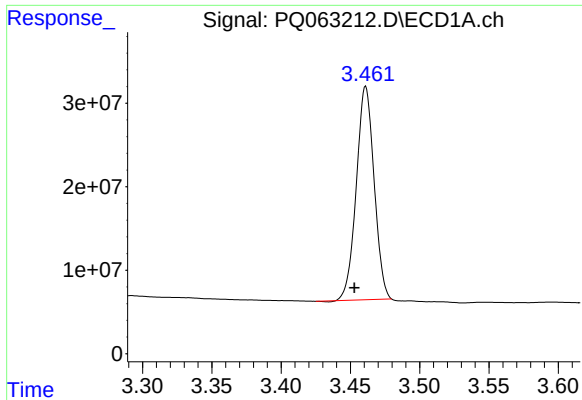
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 10:48:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.646	6.604	93202258	220.8E6	155.420	321.615 #
43)	L9 AR-1268-3	7.830	6.811	7462562	4501647	15.157	7.670 #
44)	L9 AR-1268-4	8.156	7.104	62473201	79341755	291.200	311.587
45)	L9 AR-1268-5	8.459	7.373	16166268	23430249	10.490	13.226 #

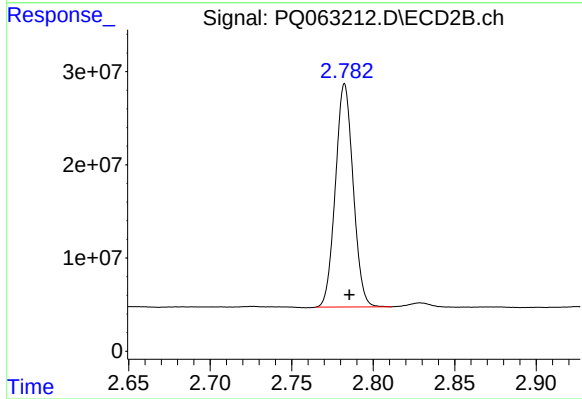
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

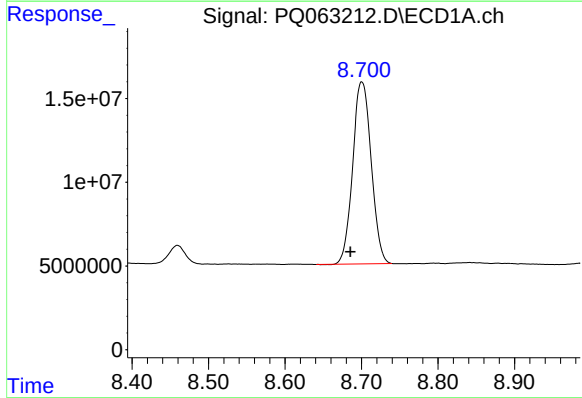
R.T.: 3.461 min
Delta R.T.: 0.008 min
Response: 227962593
Conc: 42.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



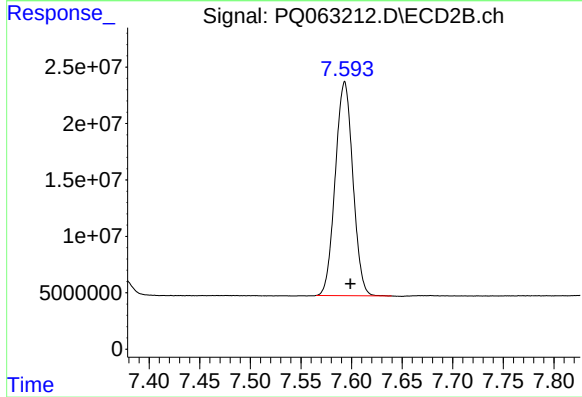
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 181622804
Conc: 44.04 ng/ml



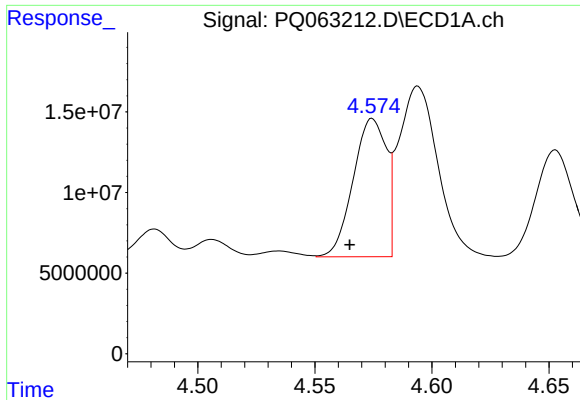
#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: 0.015 min
Response: 182983880
Conc: 47.26 ng/ml



#2 Decachlorobiphenyl

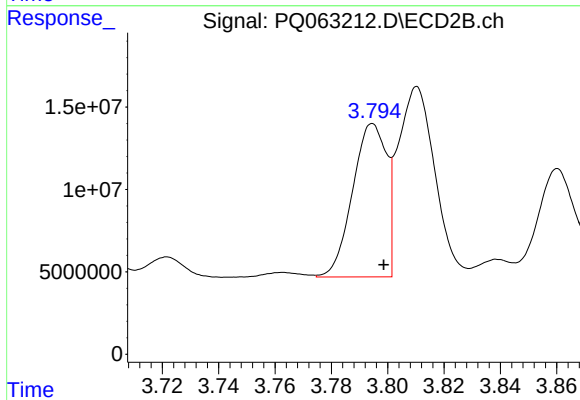
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 229961254
Conc: 53.17 ng/ml



#3 AR-1016-1

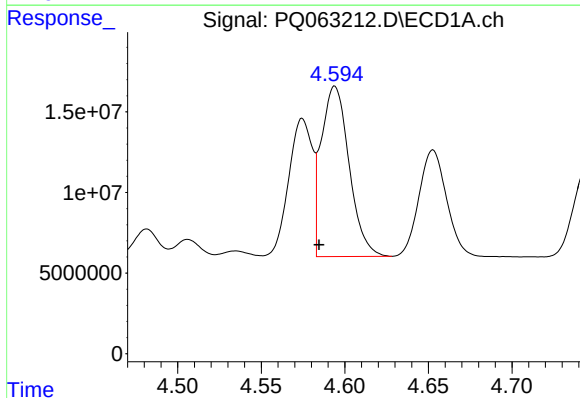
R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 84408392
Conc: 433.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



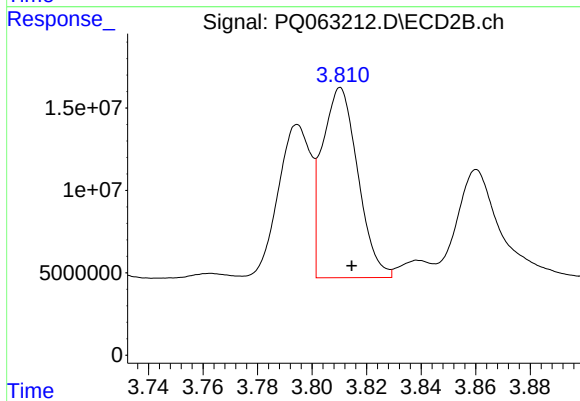
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 77341768
Conc: 485.31 ng/ml



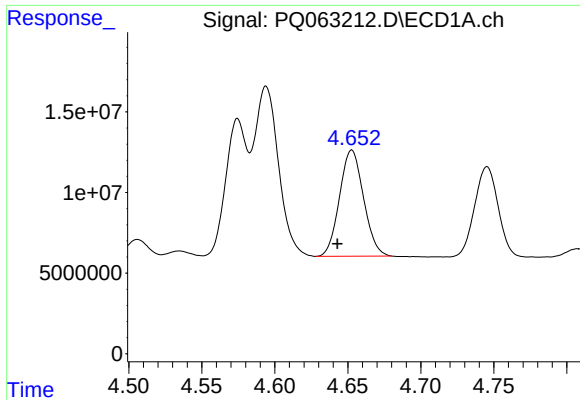
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.009 min
Response: 122872987
Conc: 442.82 ng/ml



#4 AR-1016-2

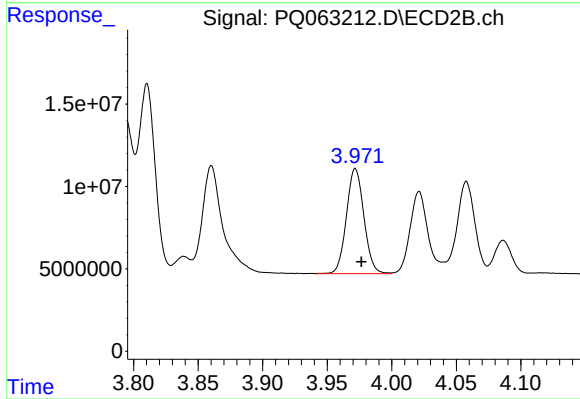
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 104628832
Conc: 489.67 ng/ml



#5 AR-1016-3

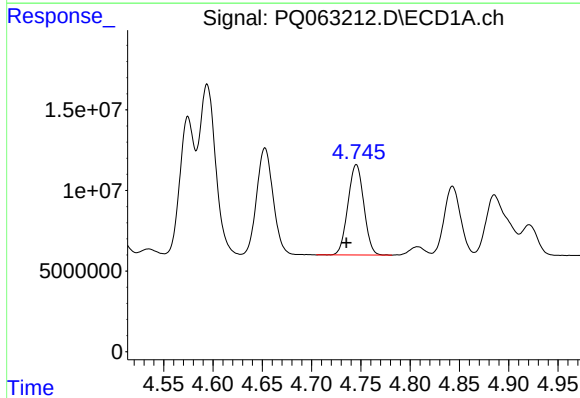
R.T.: 4.653 min
Delta R.T.: 0.010 min
Response: 75402063
Conc: 440.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



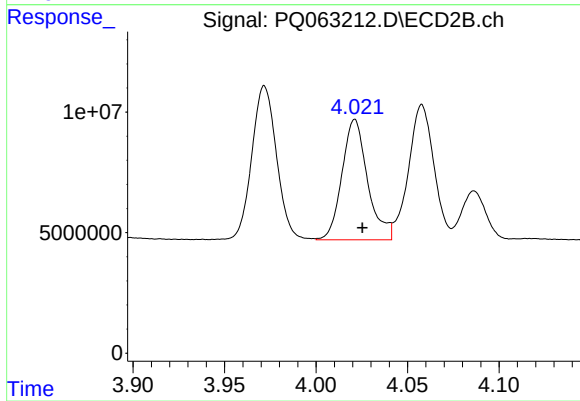
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 60141170
Conc: 503.03 ng/ml



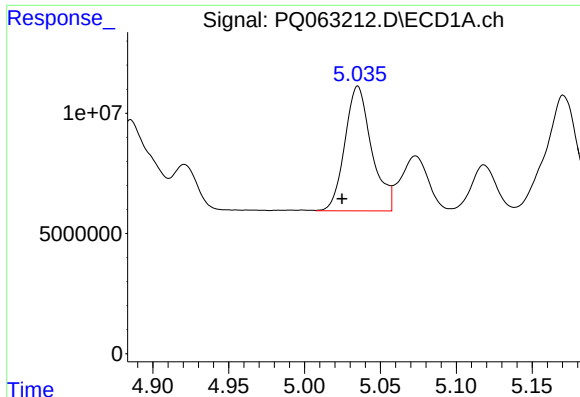
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.010 min
Response: 63003101
Conc: 447.69 ng/ml



#6 AR-1016-4

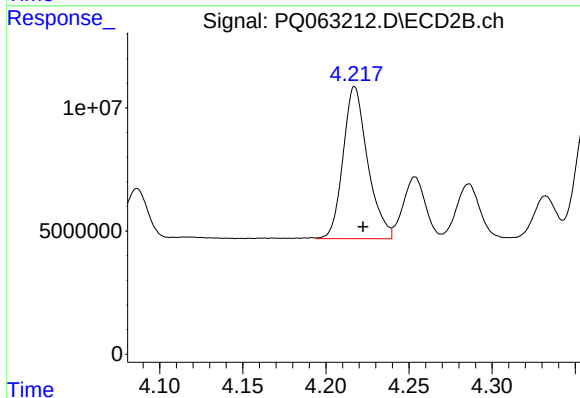
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 48798818
Conc: 502.94 ng/ml



#7 AR-1016-5

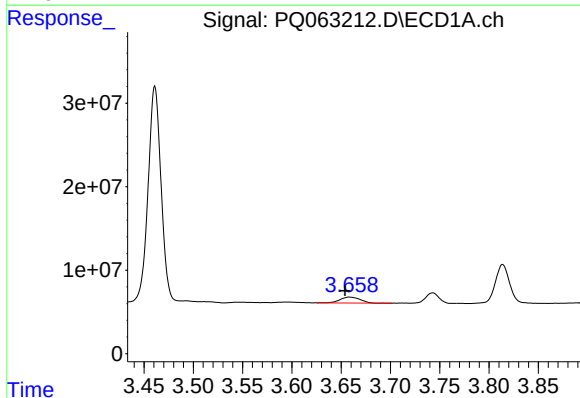
R.T.: 5.035 min
Delta R.T.: 0.010 min
Response: 63729691
Conc: 463.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



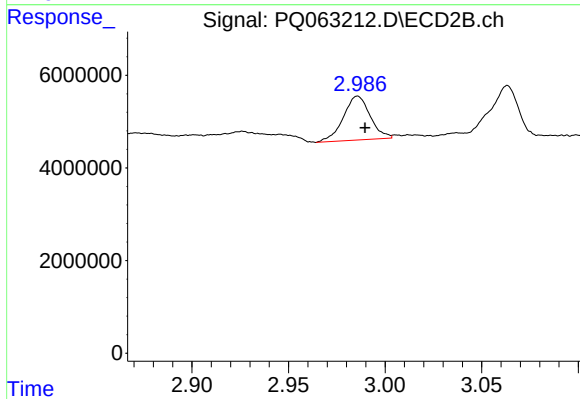
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 63464721
Conc: 504.33 ng/ml



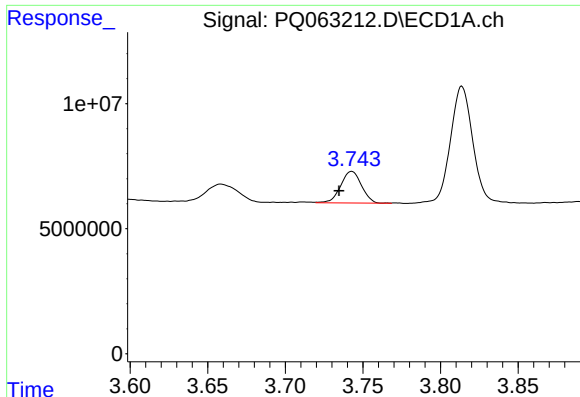
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: 0.004 min
Response: 9891479
Conc: 145.36 ng/ml



#8 AR-1221-1

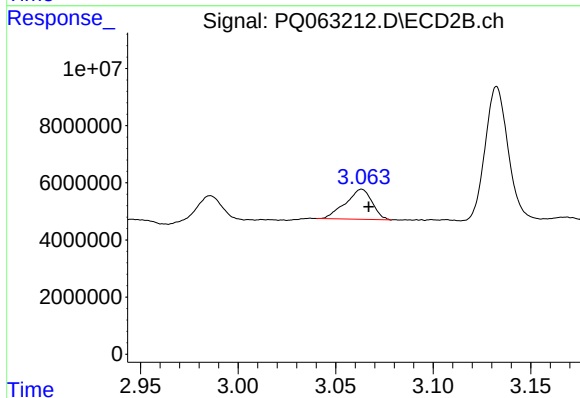
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 9155784
Conc: 166.86 ng/ml



#9 AR-1221-2

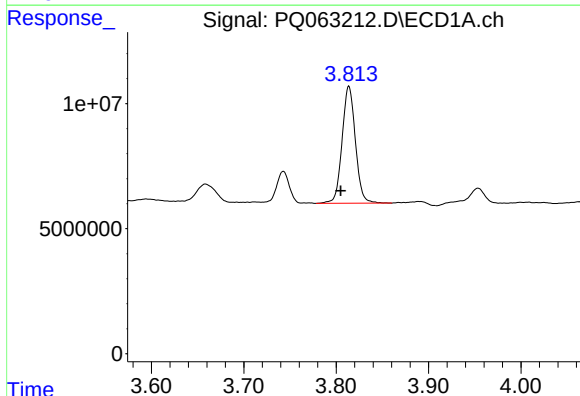
R.T.: 3.743 min
Delta R.T.: 0.008 min
Response: 11812606
Conc: 247.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



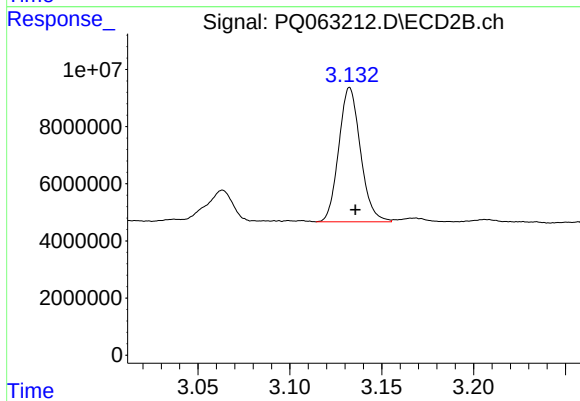
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.003 min
Response: 9983577
Conc: 264.68 ng/ml



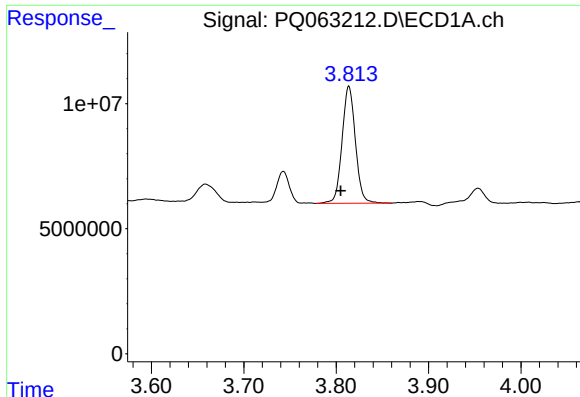
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: 0.009 min
Response: 46892011
Conc: 303.84 ng/ml



#10 AR-1221-3

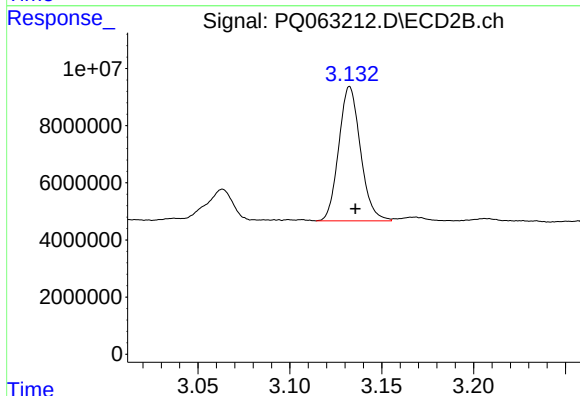
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 38611720
Conc: 320.90 ng/ml



#11 AR-1232-1

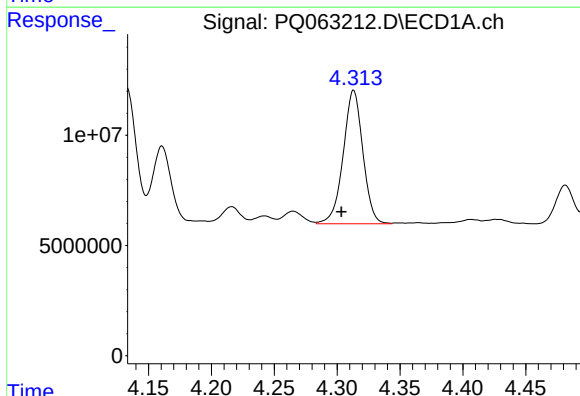
R.T.: 3.814 min
Delta R.T.: 0.009 min
Response: 46892011
Conc: 362.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



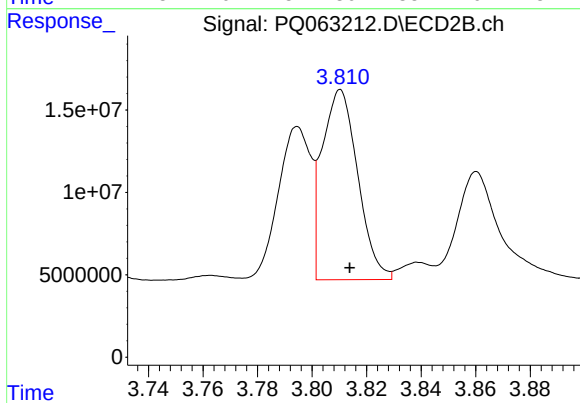
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 38611720
Conc: 396.28 ng/ml



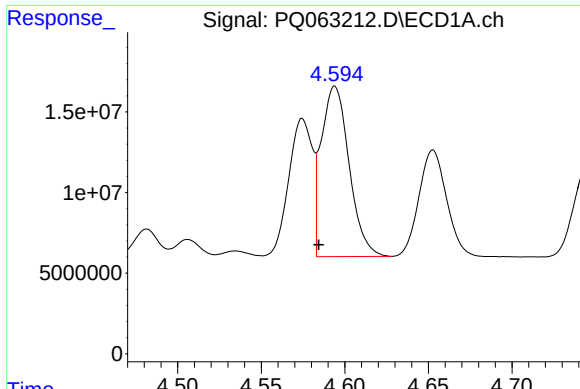
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.010 min
Response: 65950795
Conc: 945.61 ng/ml



#12 AR-1232-2

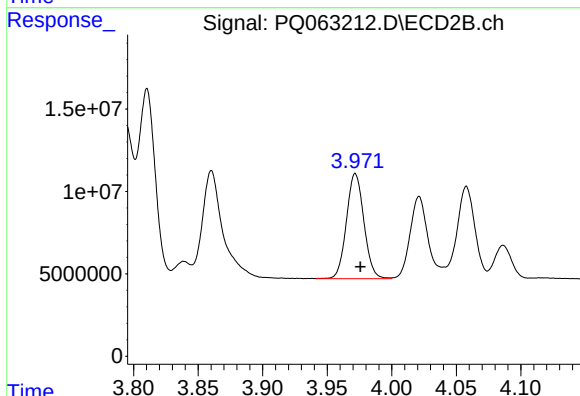
R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 104628832
Conc: 1075.62 ng/ml



#13 AR-1232-3

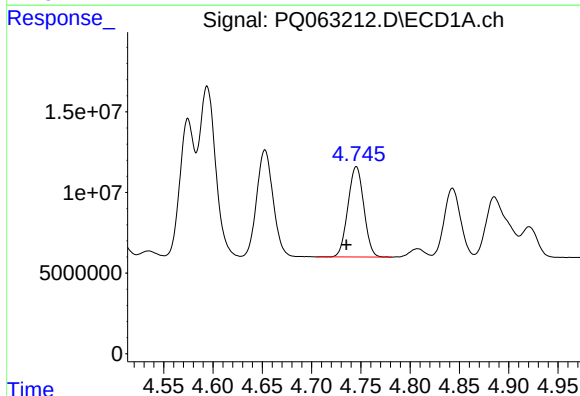
R.T.: 4.594 min
Delta R.T.: 0.010 min
Response: 122872987
Conc: 1005.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



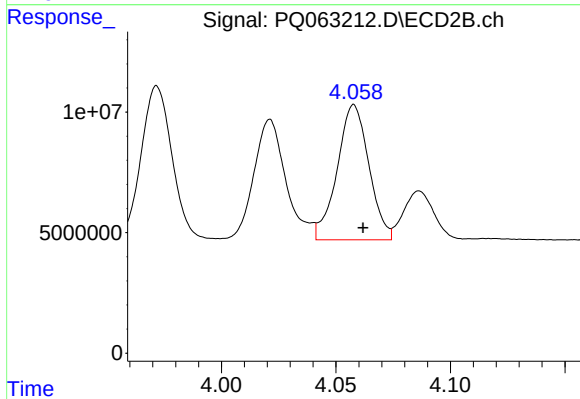
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 60141170
Conc: 1132.66 ng/ml



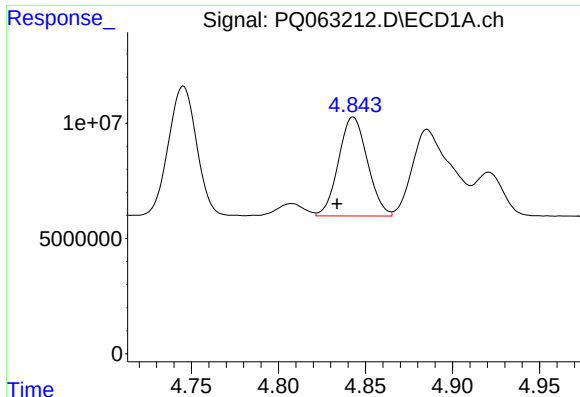
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.010 min
Response: 63003101
Conc: 1044.15 ng/ml



#14 AR-1232-4

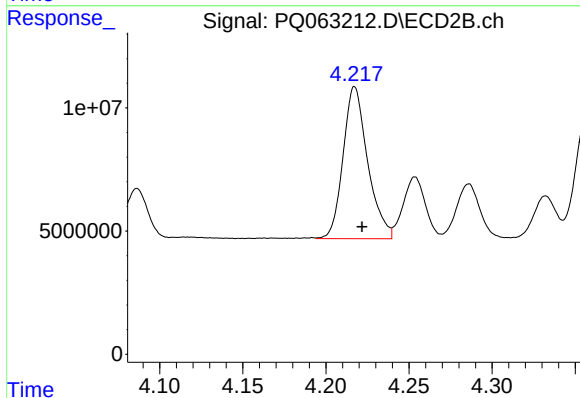
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 54197565
Conc: 1180.82 ng/ml



#15 AR-1232-5

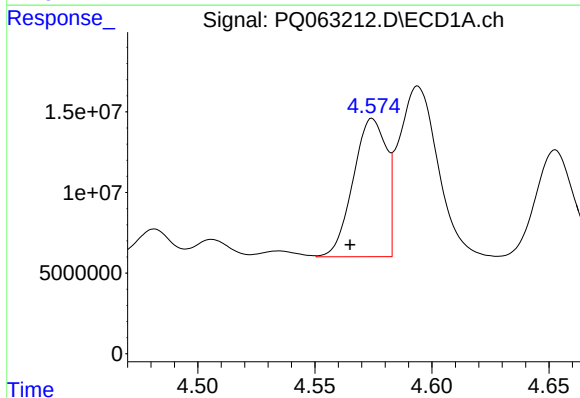
R.T.: 4.843 min
Delta R.T.: 0.009 min
Response: 49600117
Conc: 1136.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



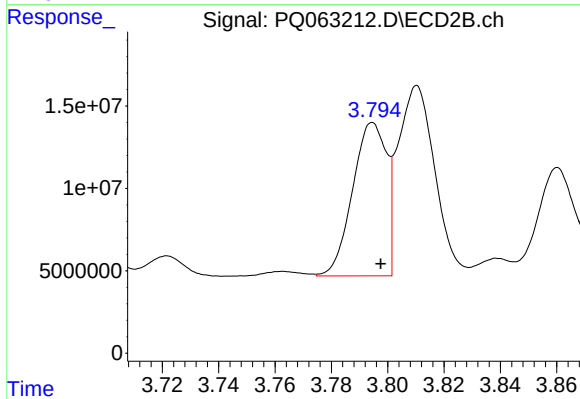
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 63464721
Conc: 1170.45 ng/ml



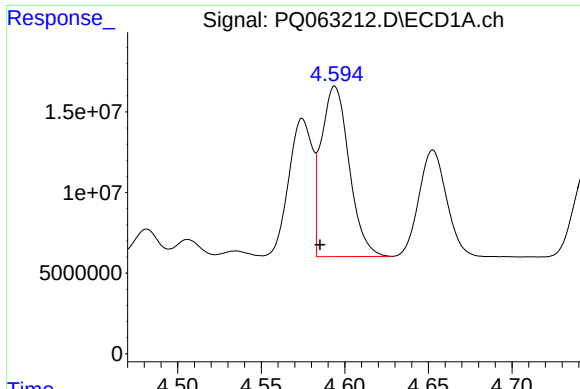
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 84408392
Conc: 500.12 ng/ml



#16 AR-1242-1

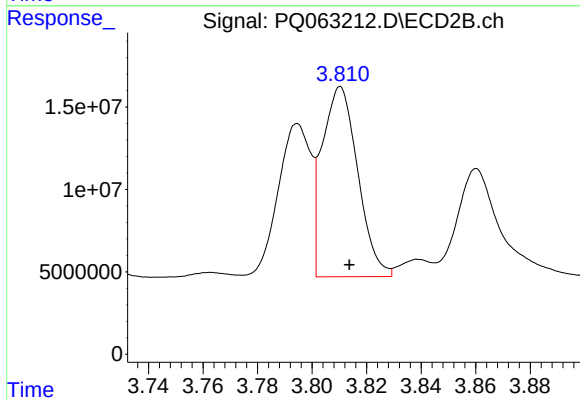
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 77341768
Conc: 535.54 ng/ml



#17 AR-1242-2

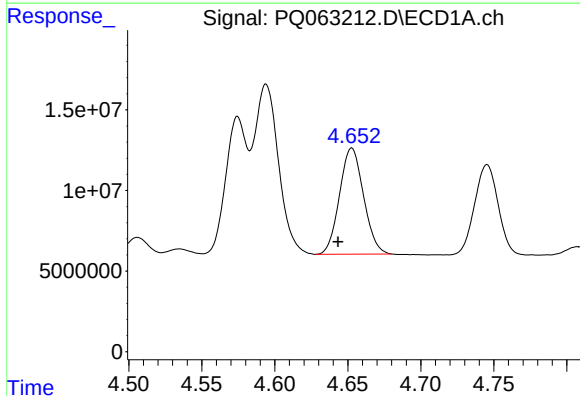
R.T.: 4.594 min
Delta R.T.: 0.009 min
Response: 122872987
Conc: 509.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



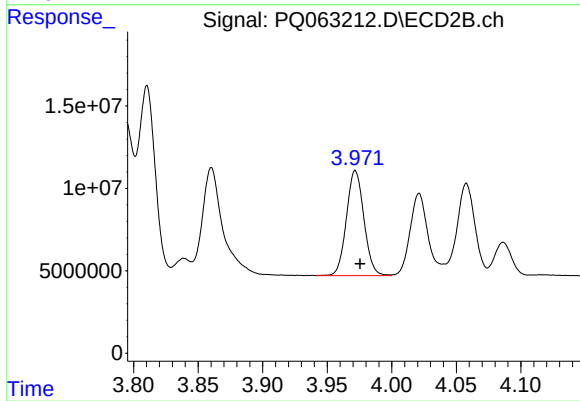
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 104628832
Conc: 550.74 ng/ml



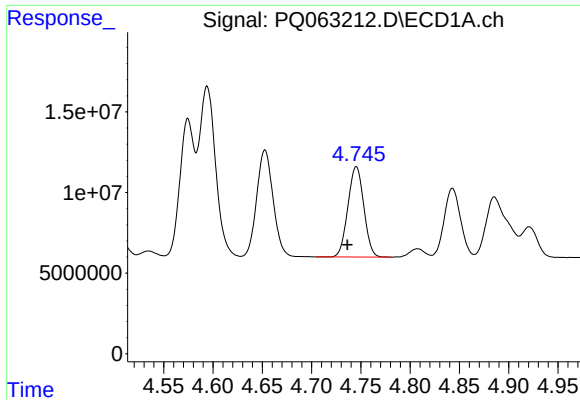
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.009 min
Response: 75402063
Conc: 514.75 ng/ml



#18 AR-1242-3

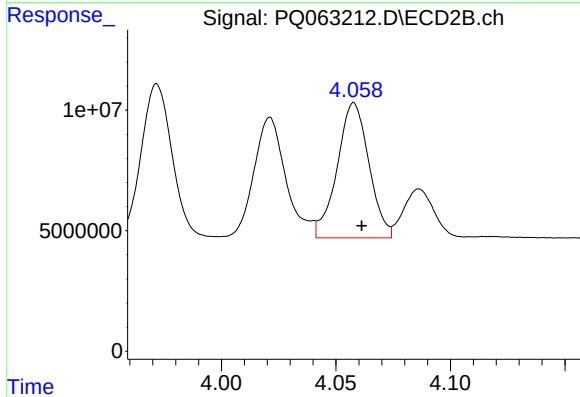
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 60141170
Conc: 557.23 ng/ml



#19 AR-1242-4

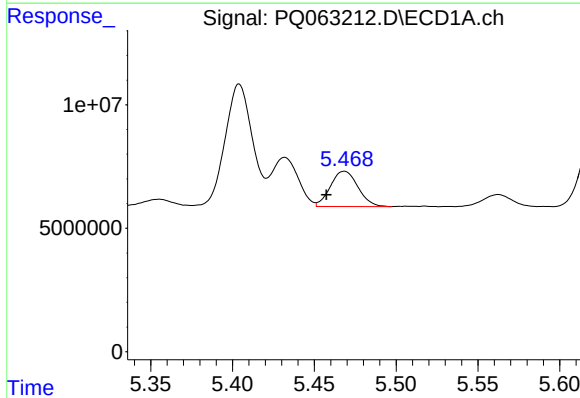
R.T.: 4.745 min
Delta R.T.: 0.009 min
Response: 63003101
Conc: 509.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



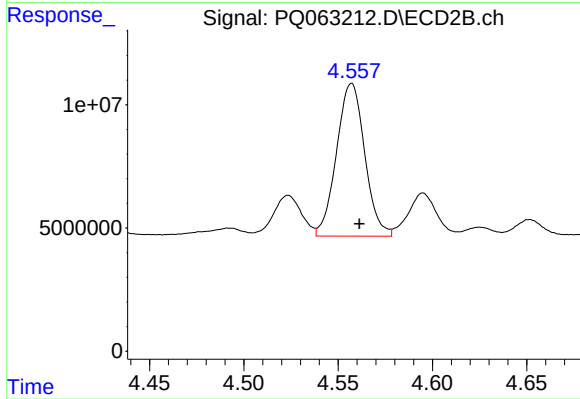
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 54197565
Conc: 543.99 ng/ml



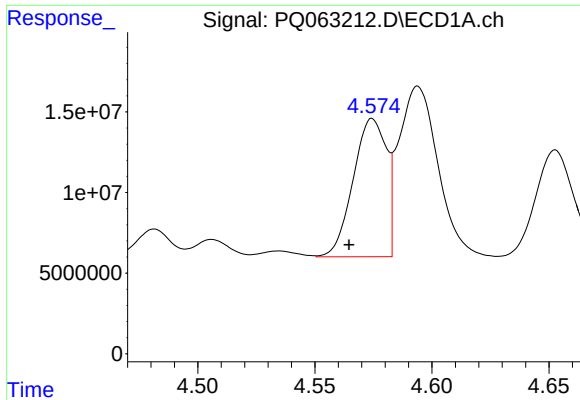
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 16805329
Conc: 127.16 ng/ml



#20 AR-1242-5

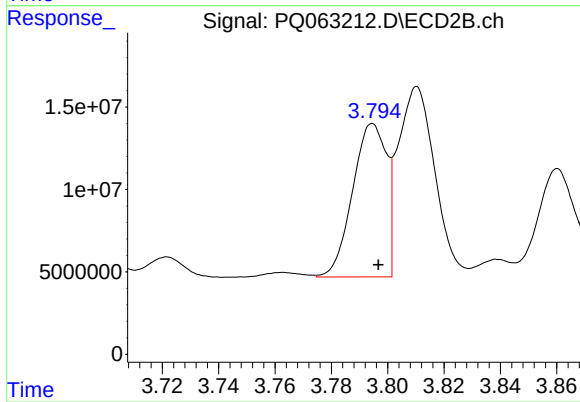
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 64571782
Conc: 477.58 ng/ml



#21 AR-1248-1

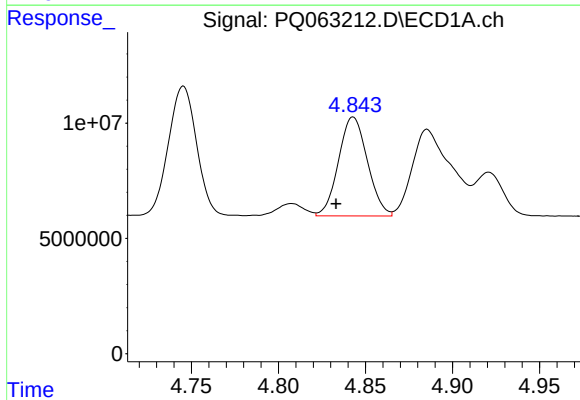
R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 84408392
Conc: 633.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



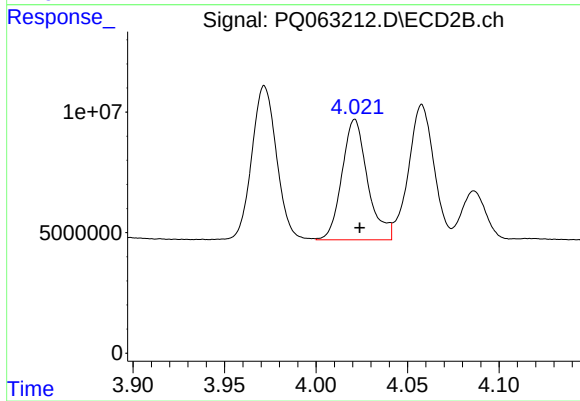
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 77341768
Conc: 692.35 ng/ml



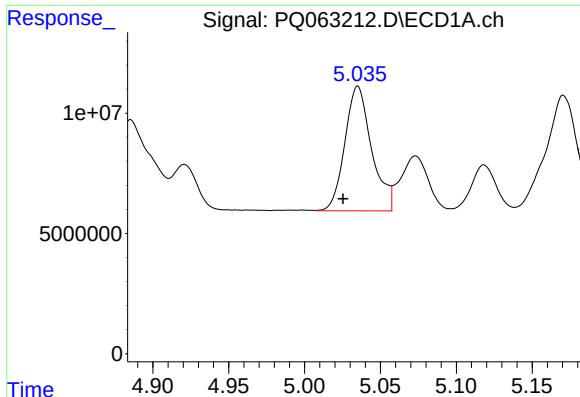
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.010 min
Response: 49600117
Conc: 283.83 ng/ml



#22 AR-1248-2

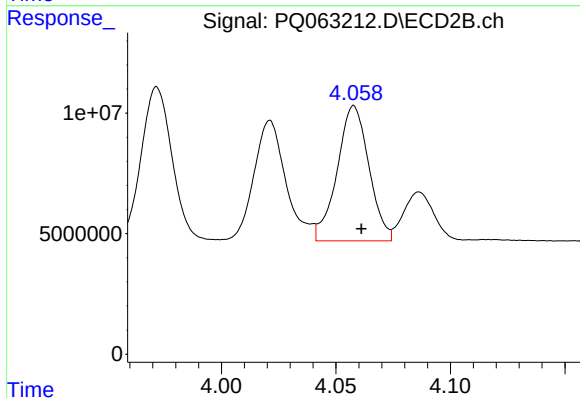
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 48798818
Conc: 309.02 ng/ml



#23 AR-1248-3

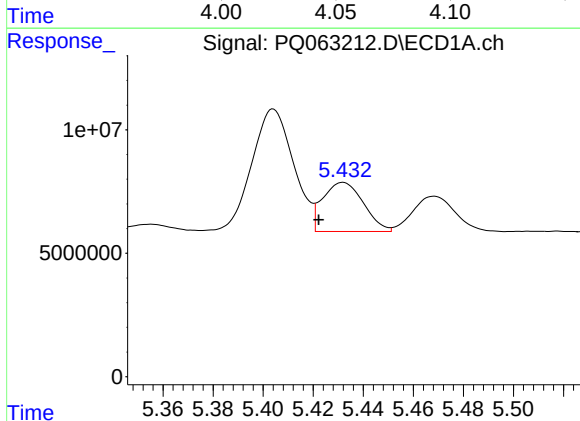
R.T.: 5.035 min
Delta R.T.: 0.010 min
Response: 63729691
Conc: 301.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



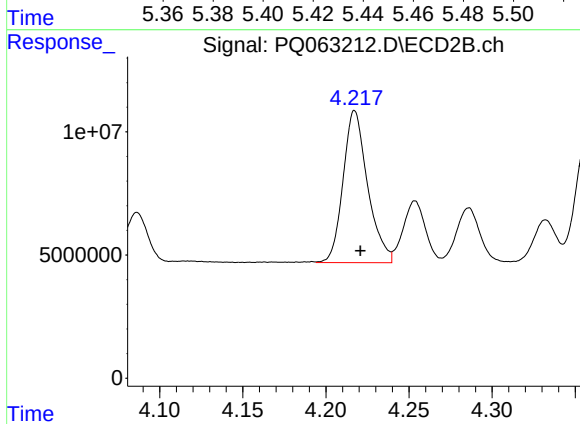
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 54197565
Conc: 355.39 ng/ml



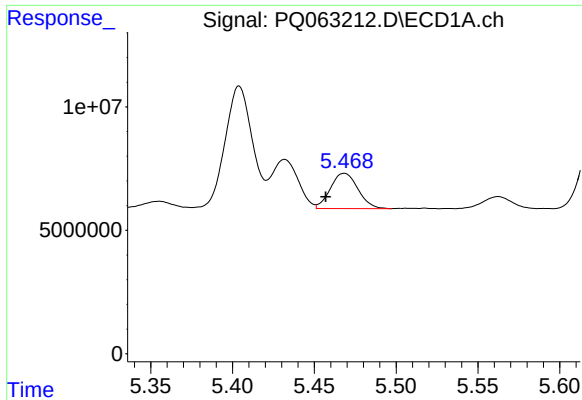
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.010 min
Response: 22440957
Conc: 94.19 ng/ml



#24 AR-1248-4

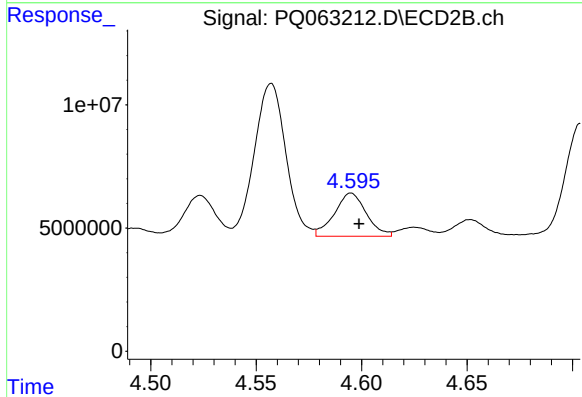
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 63464721
Conc: 333.74 ng/ml



#25 AR-1248-5

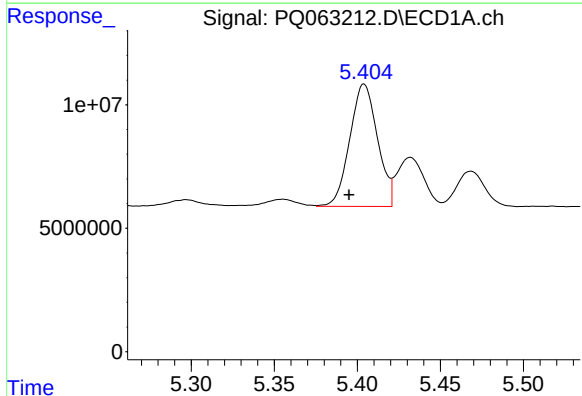
R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 16805329
Conc: 72.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



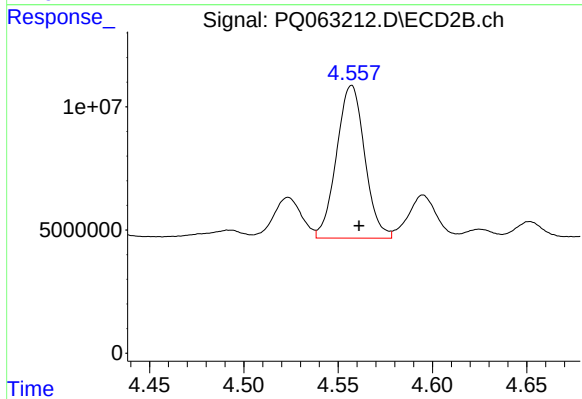
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 18460943
Conc: 95.45 ng/ml



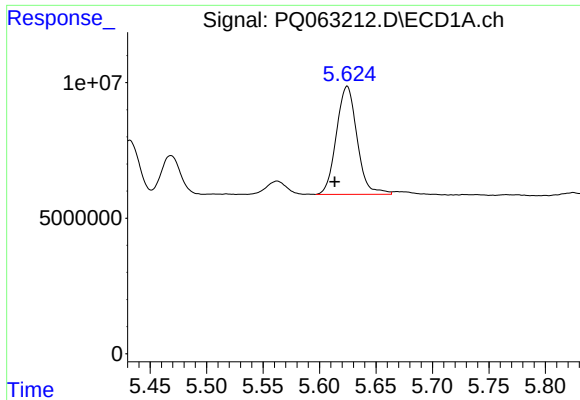
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.009 min
Response: 57633529
Conc: 263.16 ng/ml



#26 AR-1254-1

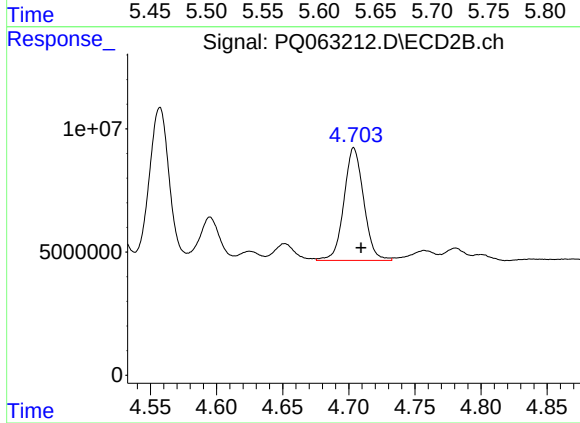
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 64571782
Conc: 240.66 ng/ml



#27 AR-1254-2

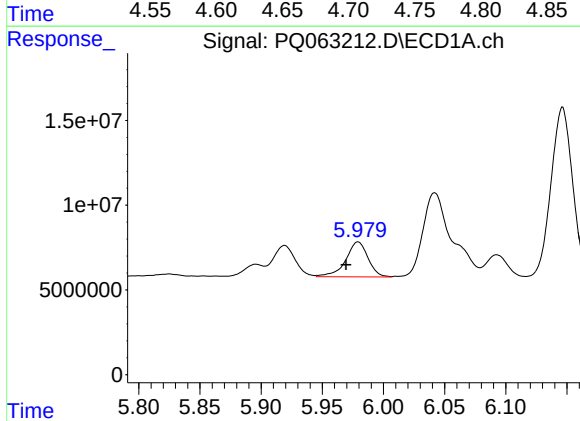
R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 50964109
Conc: 150.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



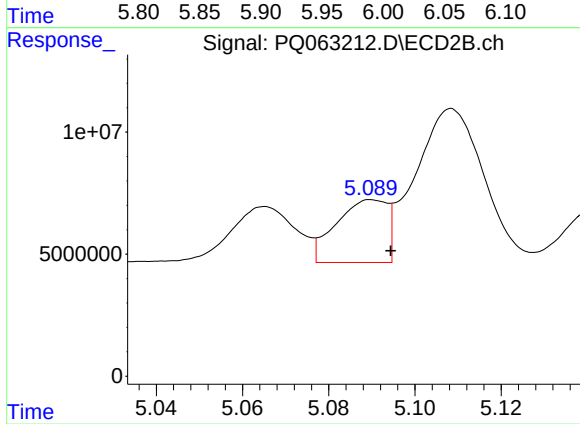
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 47553415
Conc: 202.60 ng/ml



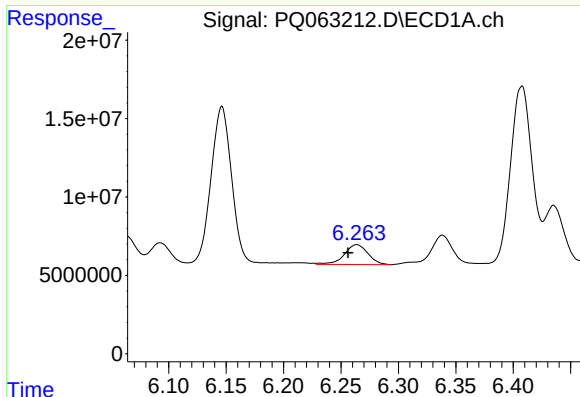
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.010 min
Response: 26195384
Conc: 73.07 ng/ml



#28 AR-1254-3

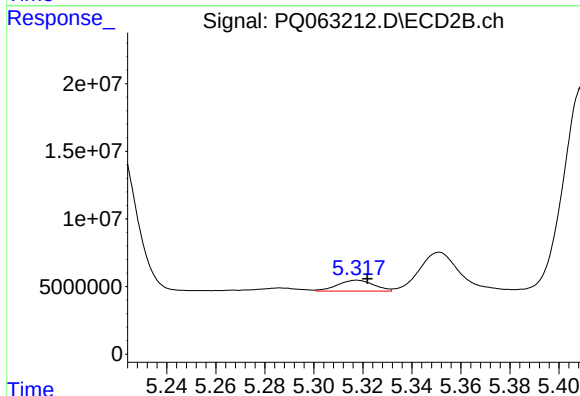
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 21063114
Conc: 55.70 ng/ml



#29 AR-1254-4

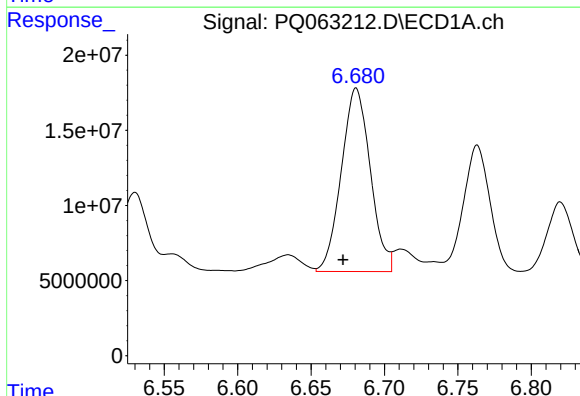
R.T.: 6.264 min
Delta R.T.: 0.008 min
Response: 18240678
Conc: 67.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



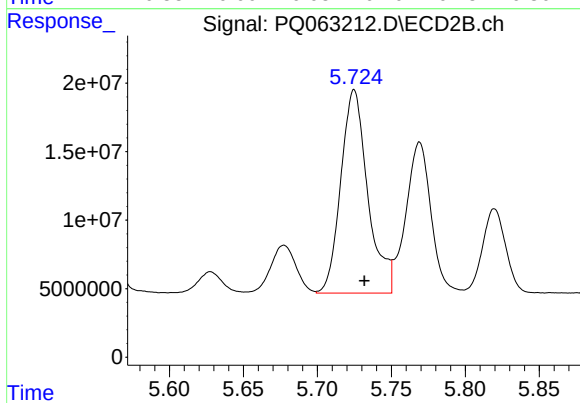
#29 AR-1254-4

R.T.: 5.318 min
Delta R.T.: -0.004 min
Response: 8262047
Conc: 33.82 ng/ml



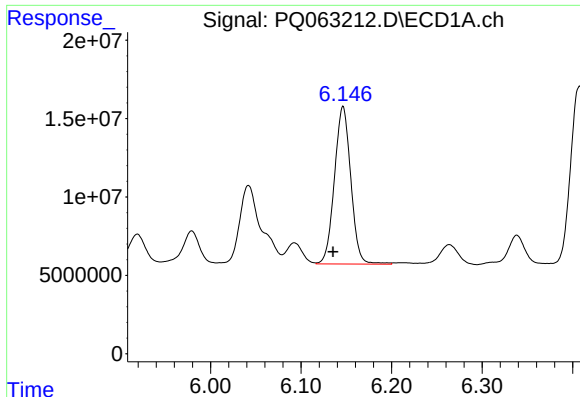
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: 0.009 min
Response: 167956551
Conc: 607.59 ng/ml



#30 AR-1254-5

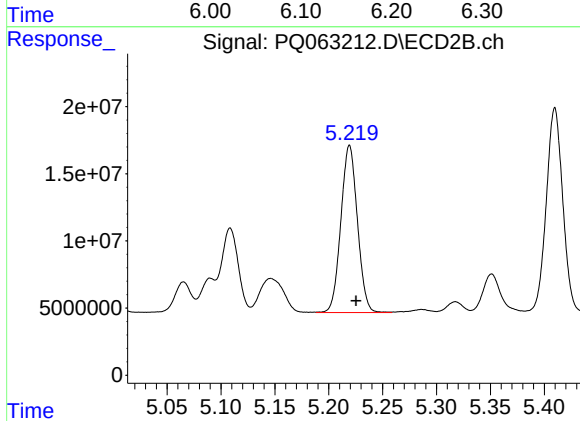
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 188859102
Conc: 547.20 ng/ml



#31 AR-1260-1

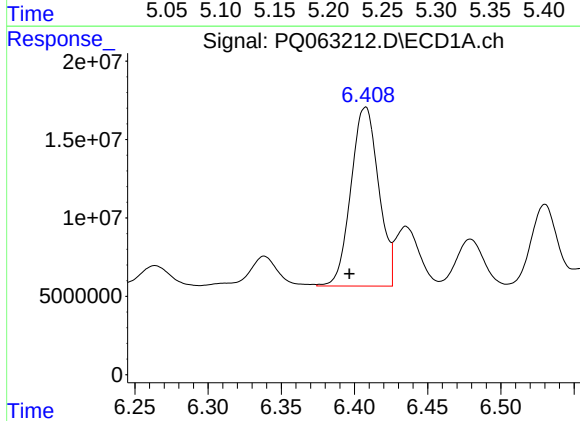
R.T.: 6.146 min
Delta R.T.: 0.011 min
Response: 126197348
Conc: 493.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



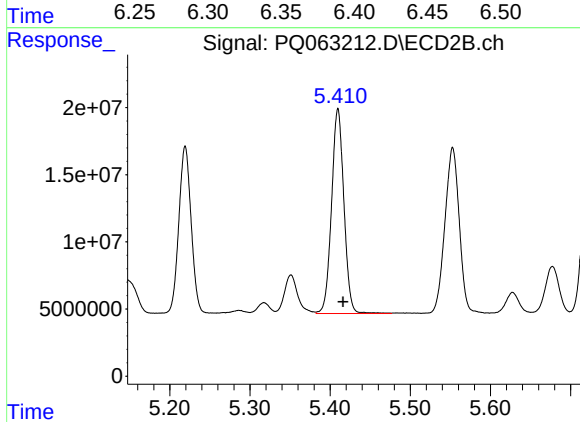
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 133296687
Conc: 534.09 ng/ml



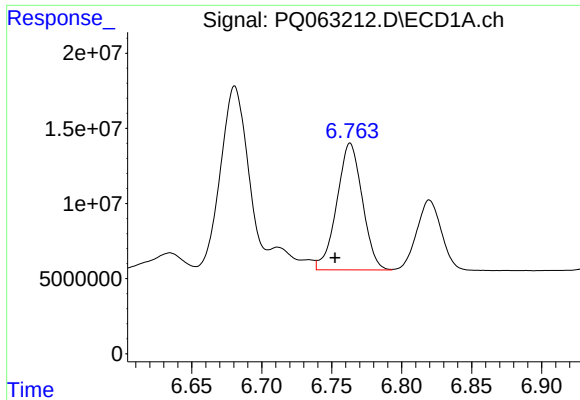
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.011 min
Response: 150380940
Conc: 495.47 ng/ml



#32 AR-1260-2

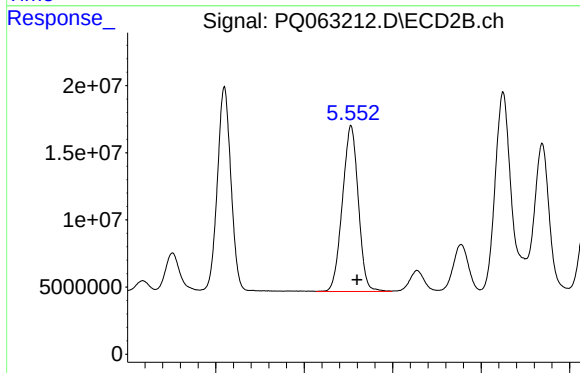
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 163541574
Conc: 531.02 ng/ml



#33 AR-1260-3

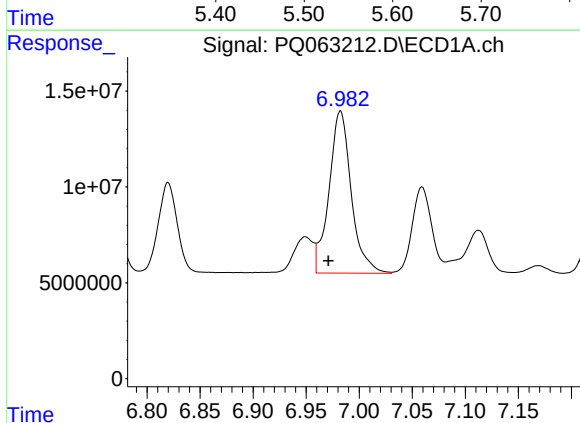
R.T.: 6.763 min
Delta R.T.: 0.011 min
Response: 106992876
Conc: 507.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



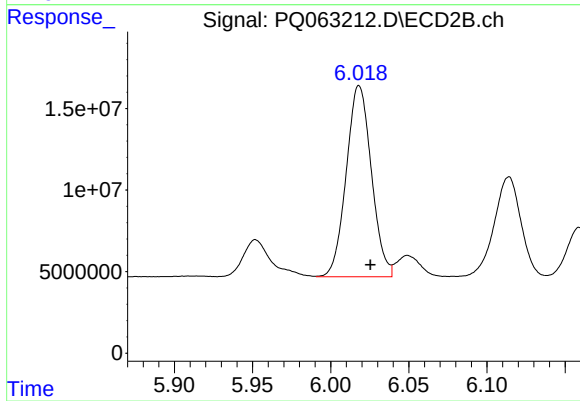
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 154143816
Conc: 497.45 ng/ml



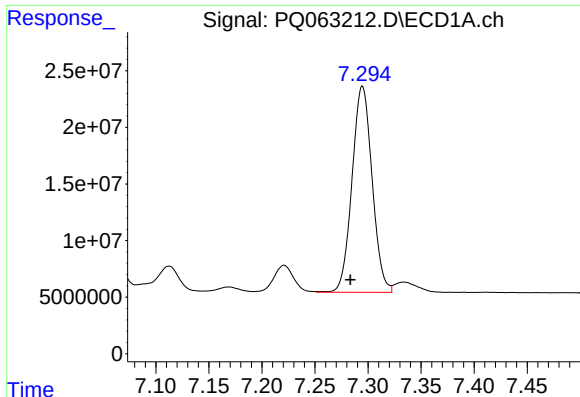
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.011 min
Response: 123431706
Conc: 515.04 ng/ml



#34 AR-1260-4

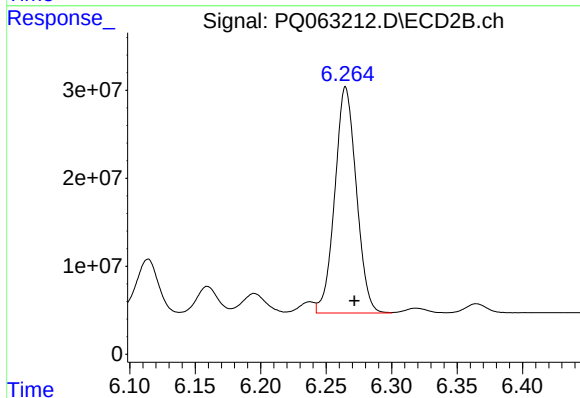
R.T.: 6.018 min
Delta R.T.: -0.007 min
Response: 131370084
Conc: 535.74 ng/ml



#35 AR-1260-5

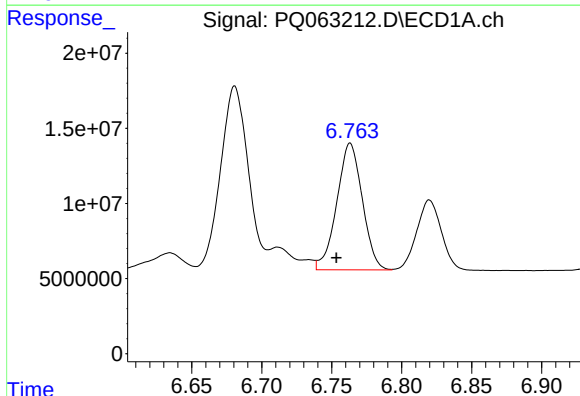
R.T.: 7.295 min
Delta R.T.: 0.011 min
Response: 240046311
Conc: 511.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



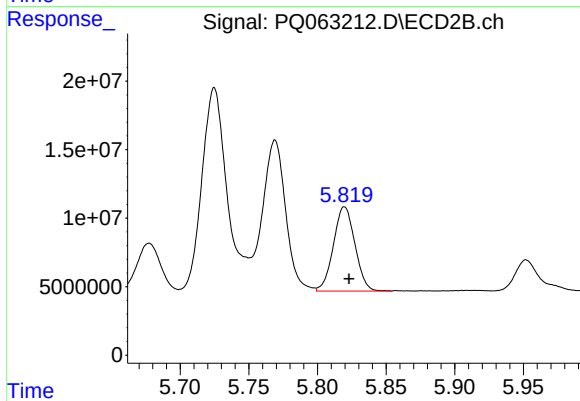
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 294105356
Conc: 538.14 ng/ml



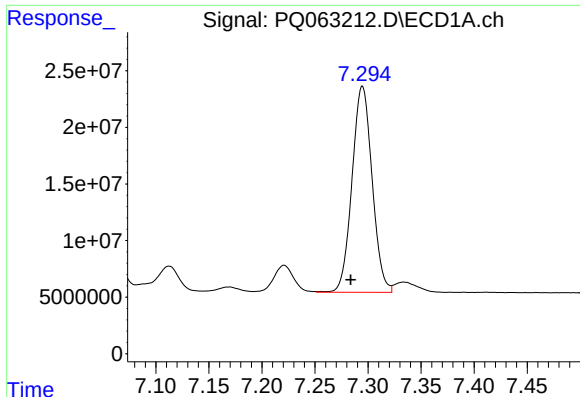
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: 0.010 min
Response: 106992876
Conc: 331.30 ng/ml



#36 AR-1262-1

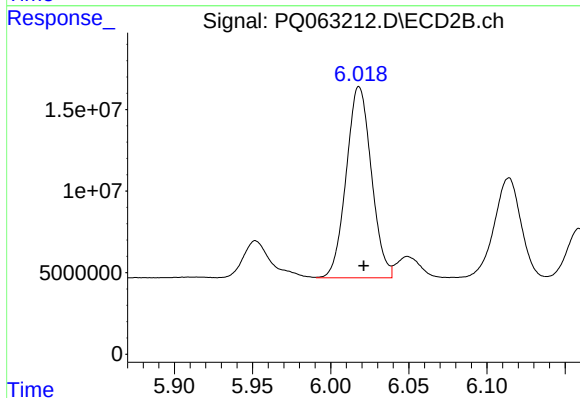
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 67118083
Conc: 470.06 ng/ml



#37 AR-1262-2

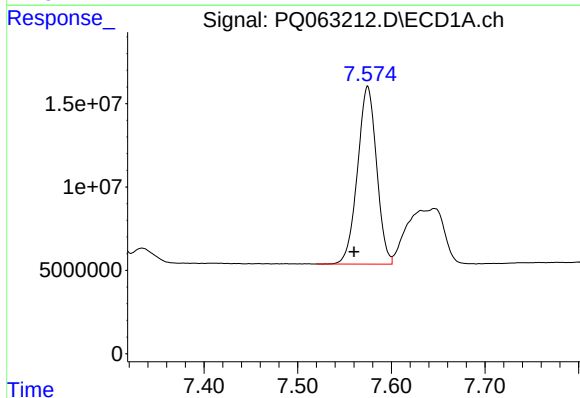
R.T.: 7.295 min
Delta R.T.: 0.011 min
Response: 240046311
Conc: 442.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



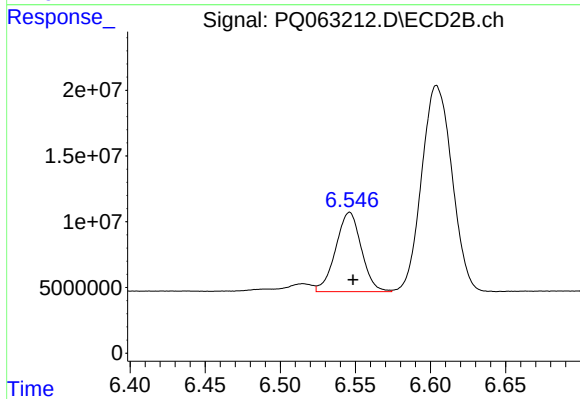
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 131370084
Conc: 420.39 ng/ml



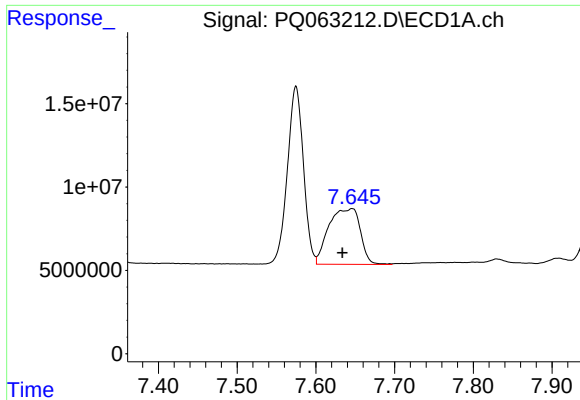
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.014 min
Response: 150940904
Conc: 417.87 ng/ml



#38 AR-1262-3

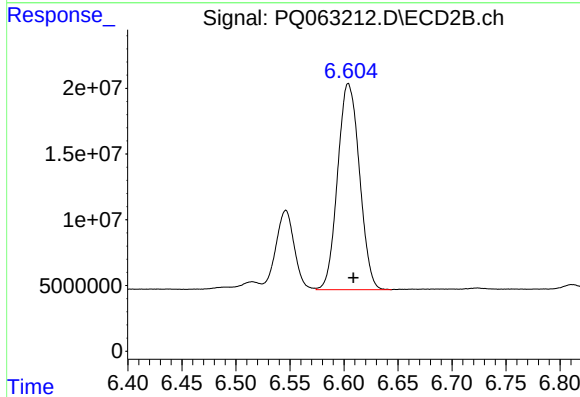
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 71953389
Conc: 285.43 ng/ml



#39 AR-1262-4

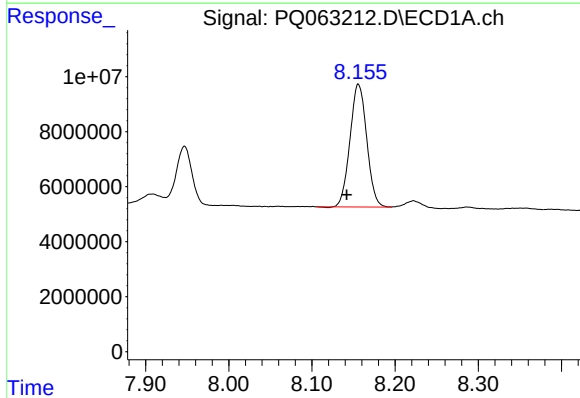
R.T.: 7.646 min
Delta R.T.: 0.012 min
Response: 93202258
Conc: 332.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



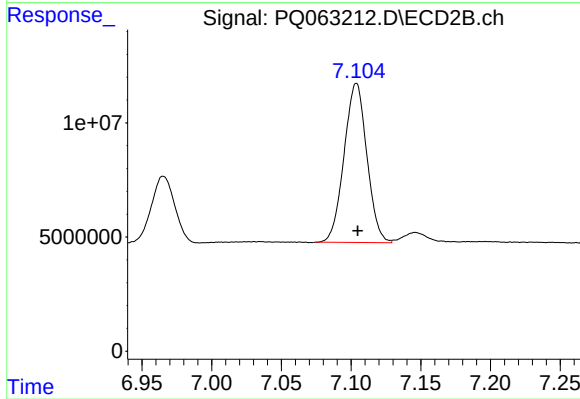
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 220832832
Conc: 472.36 ng/ml



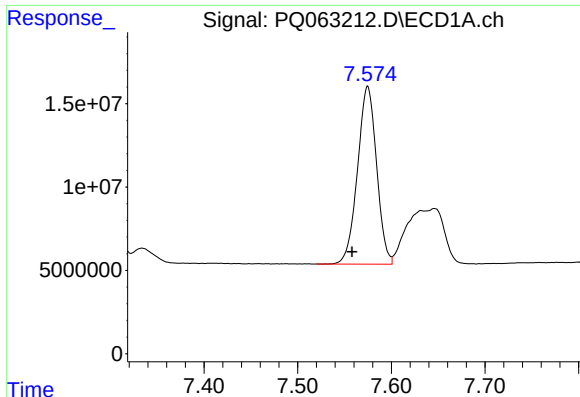
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.014 min
Response: 62473201
Conc: 332.38 ng/ml



#40 AR-1262-5

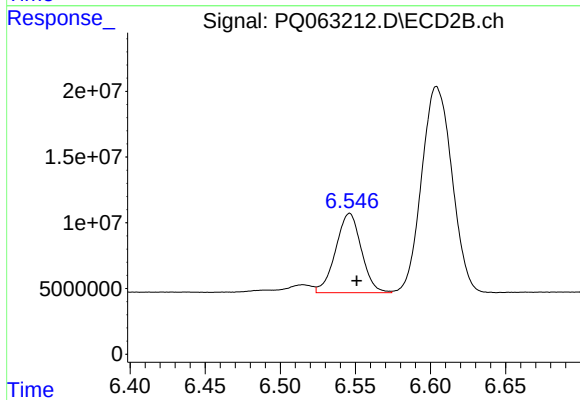
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 79341755
Conc: 361.09 ng/ml



#41 AR-1268-1

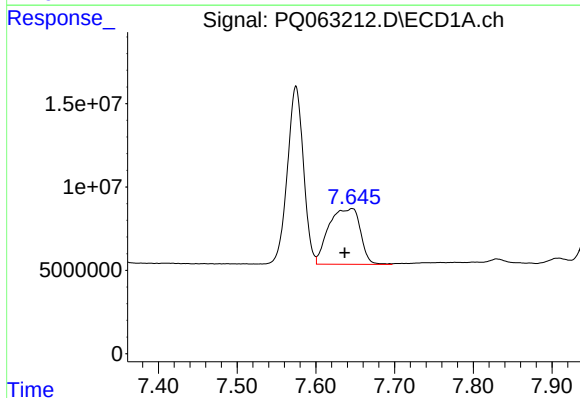
R.T.: 7.575 min
Delta R.T.: 0.017 min
Response: 150940904
Conc: 233.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



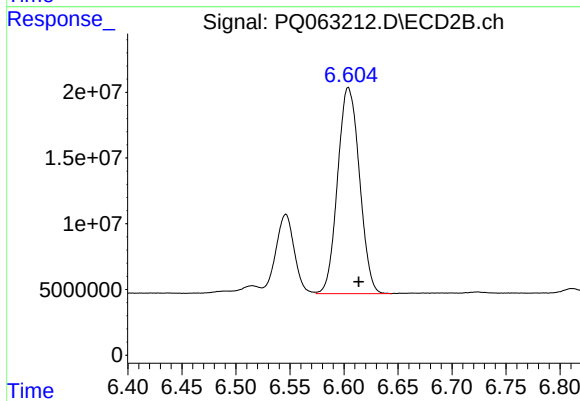
#41 AR-1268-1

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 71953389
Conc: 96.42 ng/ml



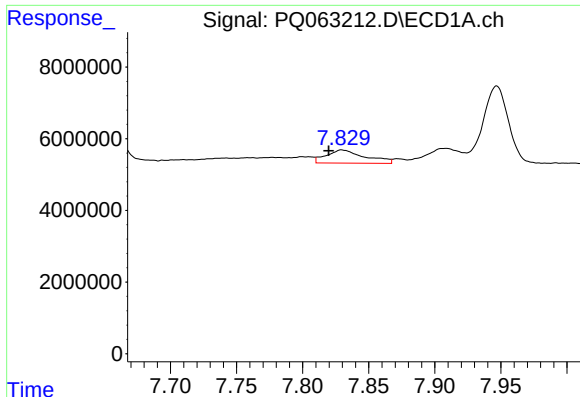
#42 AR-1268-2

R.T.: 7.646 min
Delta R.T.: 0.009 min
Response: 93202258
Conc: 155.42 ng/ml



#42 AR-1268-2

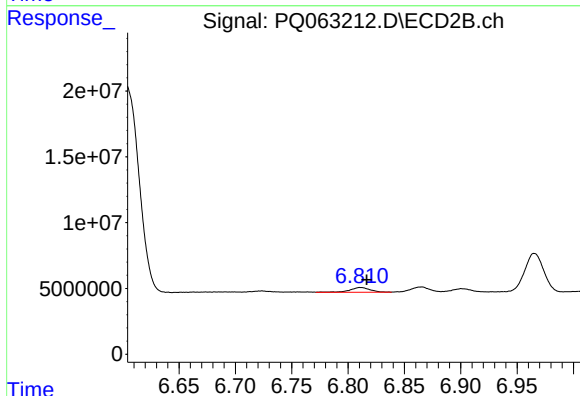
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 220832832
Conc: 321.62 ng/ml



#43 AR-1268-3

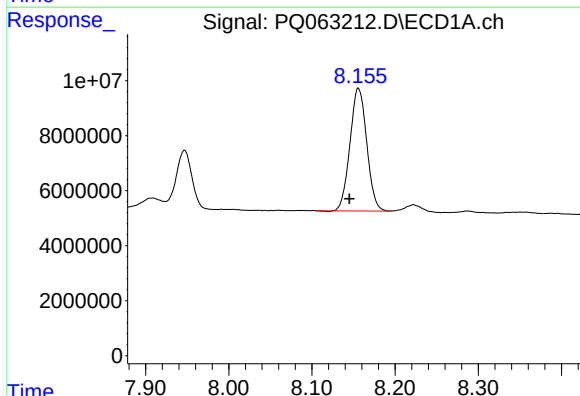
R.T.: 7.830 min
Delta R.T.: 0.010 min
Response: 7462562
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



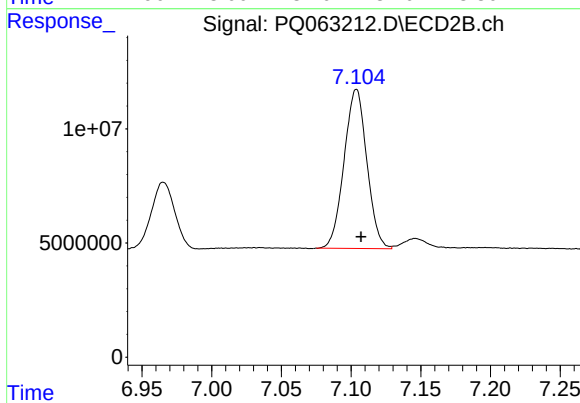
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.005 min
Response: 4501647
Conc: 7.67 ng/ml



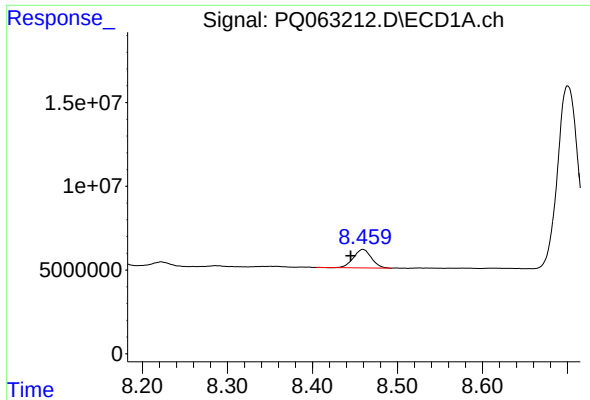
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.011 min
Response: 62473201
Conc: 291.20 ng/ml



#44 AR-1268-4

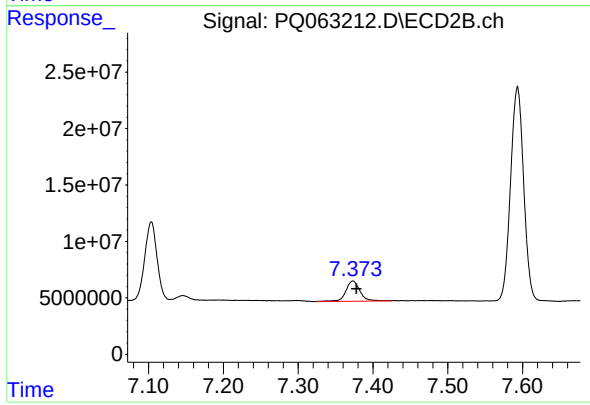
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 79341755
Conc: 311.59 ng/ml



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.014 min
Response: 16166268
Conc: 10.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.373 min
Delta R.T.: -0.004 min
Response: 23430249
Conc: 13.23 ng/ml