

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
 Data File : PQ063214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 10:23
 Operator : YP\AJ
 Sample : PB155119BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 10:49:08 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...	3.456	2.783	109.0E6	95013210	20.283	23.037
2)	SA Decachlor...	8.691	7.591	93644766	119.2E6	24.186	27.554
Target Compounds							
3)	L1 AR-1016-1	4.569	3.795	8544231	8326096	43.913	52.245
4)	L1 AR-1016-2	4.588	3.811	12060496	10551418	43.465	49.381
5)	L1 AR-1016-3	4.646	3.972	7536737	6271524	44.074	52.456
6)	L1 AR-1016-4	4.739	4.021	6146883	5255310	43.679	54.164
7)	L1 AR-1016-5	5.029	4.218	6752157	6691336	49.073	53.174
8)	L2 AR-1221-1	3.660	2.987	1820822	785229	26.759	14.310 #
9)	L2 AR-1221-2	3.737	3.054	2907885	1657593	60.948	43.946 #
10)	L2 AR-1221-3	3.809	3.133	5291711	4844907	34.288	40.265
11)	L3 AR-1232-1	3.809	3.133	5291711	4844907	40.957	49.724
12)	L3 AR-1232-2	4.307	3.811	6604970	10551418	94.703	108.472
13)	L3 AR-1232-3	4.588	3.972	12060496	6271524	98.701	118.114
14)	L3 AR-1232-4	4.739	4.058	6146883	5778274	101.873	125.893
15)	L3 AR-1232-5	4.837	4.218	5165686	6691336	118.353	123.405
16)	L4 AR-1242-1	4.569	3.795	8544231	8326096	50.624	57.653
17)	L4 AR-1242-2	4.588	3.811	12060496	10551418	50.010	55.540
18)	L4 AR-1242-3	4.646	3.972	7536737	6271524	51.452	58.108
19)	L4 AR-1242-4	4.739	4.058	6146883	5778274	49.677	57.998
20)	L4 AR-1242-5	5.461	4.557	1599510	6796459	12.103	50.268 #
21)	L5 AR-1248-1	4.569	3.795	8544231	8326096	64.170	74.534
22)	L5 AR-1248-2	4.837	4.021	5165686	5255310	29.560	33.279
23)	L5 AR-1248-3	5.029	4.058	6752157	5778274	31.929	37.890
24)	L5 AR-1248-4	5.425	4.218	2383837	6691336	10.005	35.188 #
25)	L5 AR-1248-5	5.461	4.596	1599510	2045695	6.883	10.577 #
26)	L6 AR-1254-1	5.398	4.557	5692798	6796459	25.994	25.330
27)	L6 AR-1254-2	5.618	4.705	4861294	5194466	14.355	22.131 #
28)	L6 AR-1254-3	5.973	5.091	3302845	2413358	9.213	6.382 #
29)	L6 AR-1254-4	6.262	5.317	4736722	1105785	17.483	4.526 #
30)	L6 AR-1254-5	6.673	5.724	17522732	18820382	63.389	54.531
31)	L7 AR-1260-1	6.139	5.219	13884582	14272557	54.314	57.187
32)	L7 AR-1260-2	6.400	5.409	18046864	17230512	59.460	55.948
33)	L7 AR-1260-3	6.756	5.552	11040768	16346419	52.375	52.753
34)	L7 AR-1260-4	6.974	6.019	12566258	14016952	52.435	57.162
35)	L7 AR-1260-5	7.287	6.265	24533955	29541020	52.294	54.053
36)	L8 AR-1262-1	6.756	5.820	11040768	6674076	34.188	46.742 #
37)	L8 AR-1262-2	7.287	6.019	24533955	14016952	45.209	44.855
38)	L8 AR-1262-3	7.567	6.545	14861163	8924278	41.142	35.401
39)	L8 AR-1262-4	7.638	6.603	9030473	24118196	32.218	51.589 #
40)	L8 AR-1262-5	8.148	7.102	7680969	7845457	40.866	35.705
41)	L9 AR-1268-1	7.567	6.545	14861163	8924278	22.979	11.958 #

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 Acq On : 28 Aug 2023 10:23
 Operator : YP\AJ
 Sample : PB155119BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

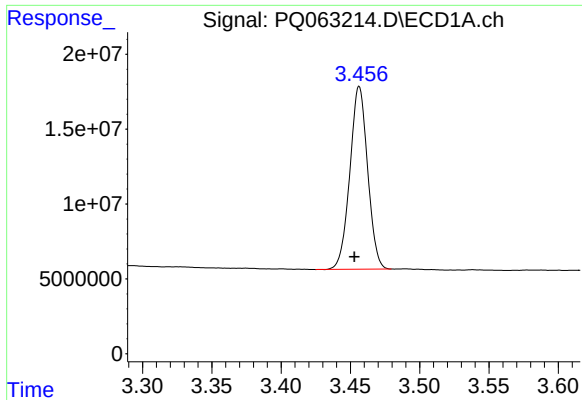
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 10:49:08 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	7.638	6.603	9030473	24118196	15.059	35.125 #
43) L9	AR-1268-3	7.822	6.811	718794	2721459	1.460	4.637 #
44) L9	AR-1268-4	8.148	7.102	7680969	7845457	35.802	30.810
45) L9	AR-1268-5	8.450	7.372	2344976	3873754	1.522	2.187 #

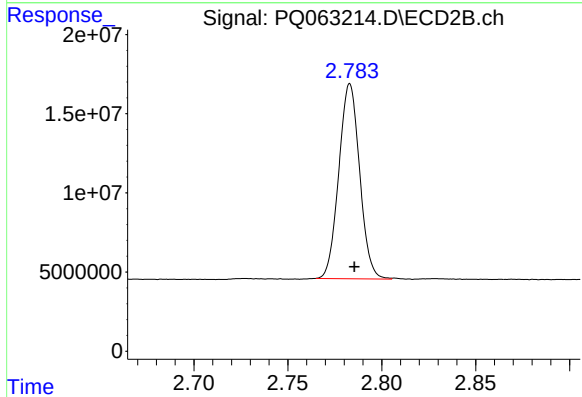
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

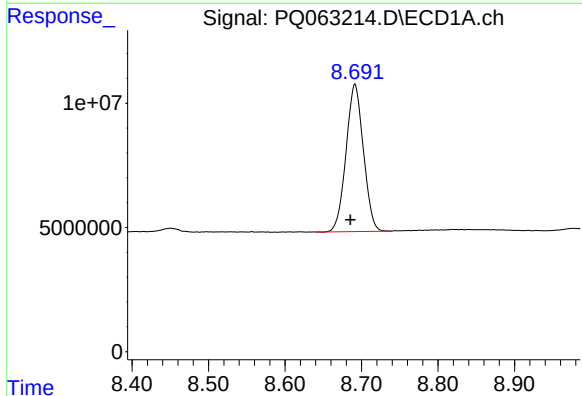
R.T.: 3.456 min
Delta R.T.: 0.003 min
Response: 108990947
Conc: 20.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



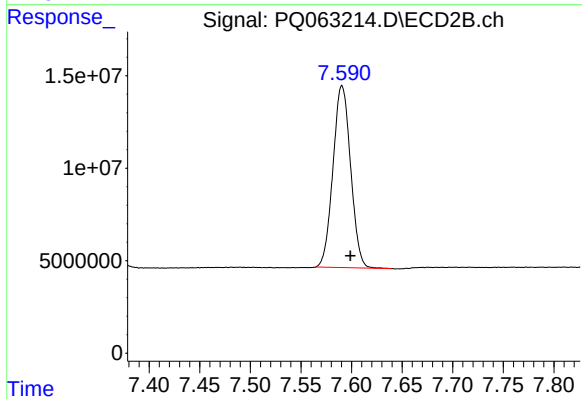
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 95013210
Conc: 23.04 ng/ml



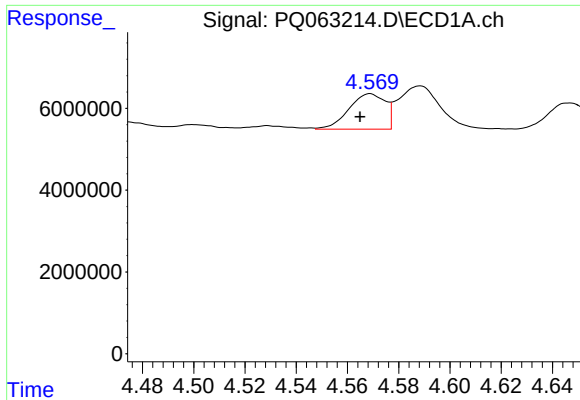
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: 0.006 min
Response: 93644766
Conc: 24.19 ng/ml



#2 Decachlorobiphenyl

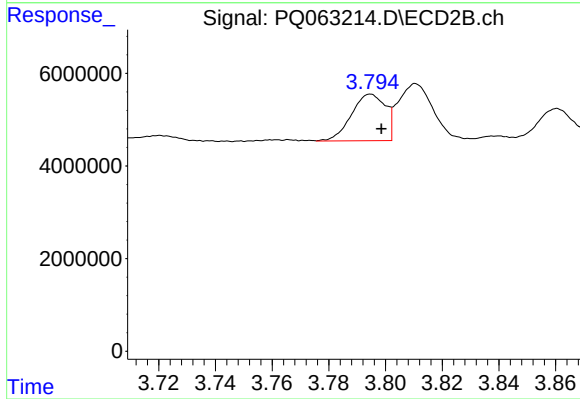
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 119182415
Conc: 27.55 ng/ml



#3 AR-1016-1

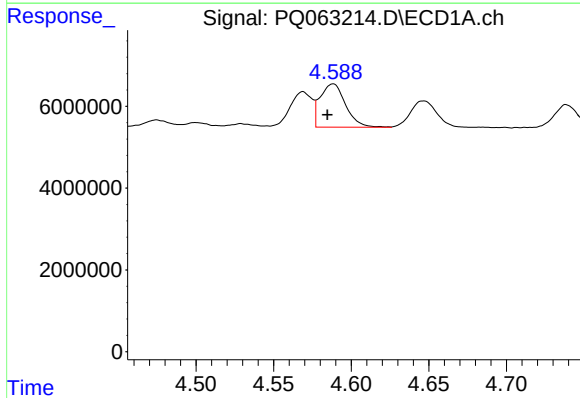
R.T.: 4.569 min
Delta R.T.: 0.004 min
Response: 8544231
Conc: 43.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



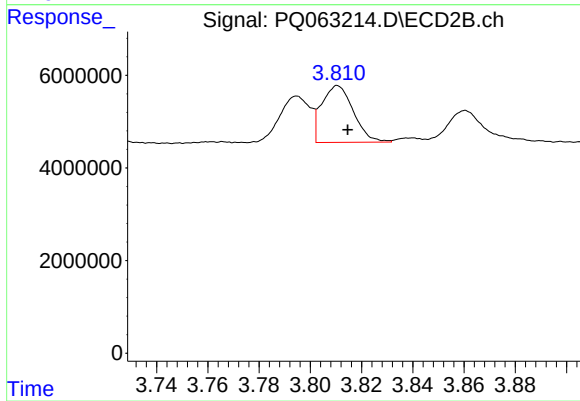
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 8326096
Conc: 52.25 ng/ml



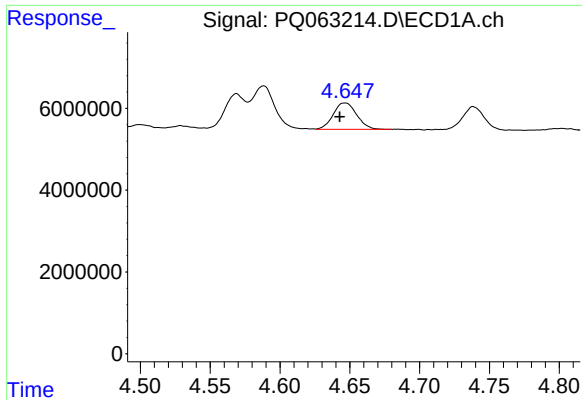
#4 AR-1016-2

R.T.: 4.588 min
Delta R.T.: 0.004 min
Response: 12060496
Conc: 43.46 ng/ml



#4 AR-1016-2

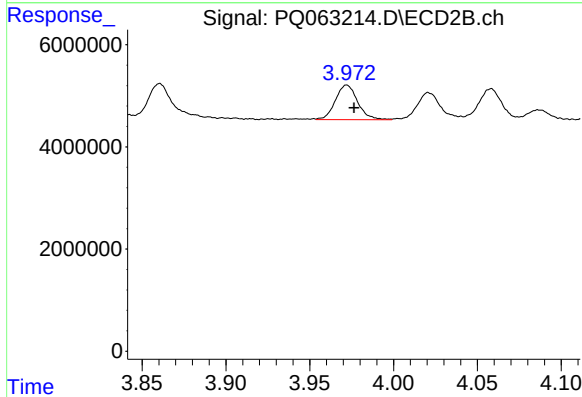
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 10551418
Conc: 49.38 ng/ml



#5 AR-1016-3

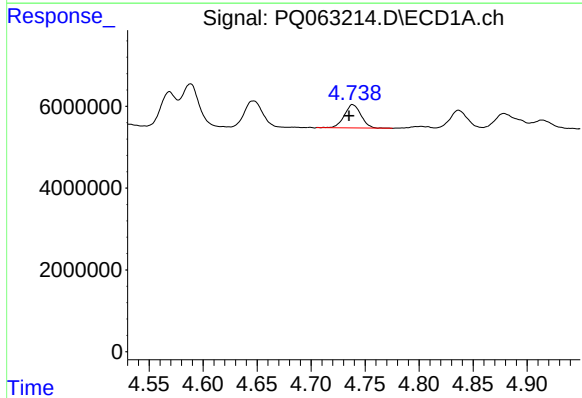
R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 7536737
Conc: 44.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



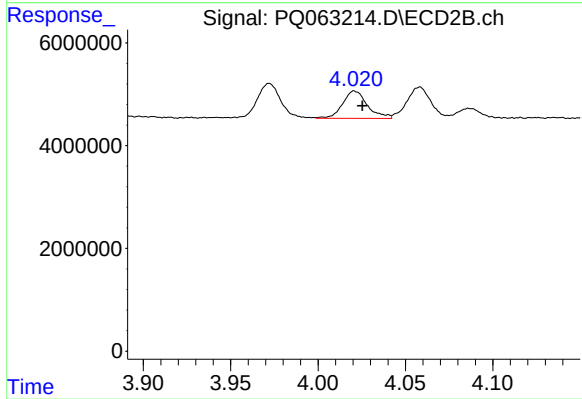
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 6271524
Conc: 52.46 ng/ml



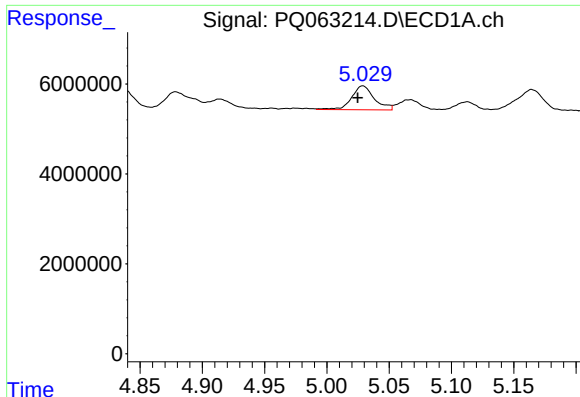
#6 AR-1016-4

R.T.: 4.739 min
Delta R.T.: 0.003 min
Response: 6146883
Conc: 43.68 ng/ml



#6 AR-1016-4

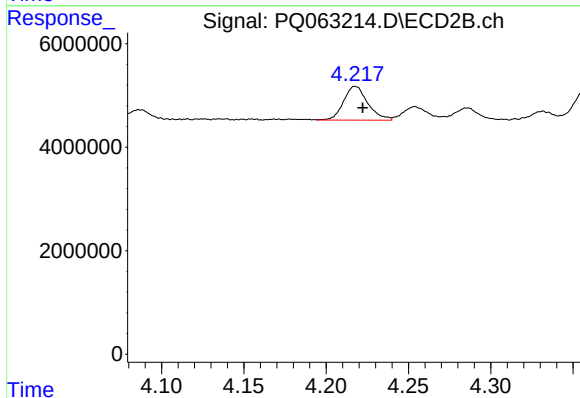
R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 5255310
Conc: 54.16 ng/ml



#7 AR-1016-5

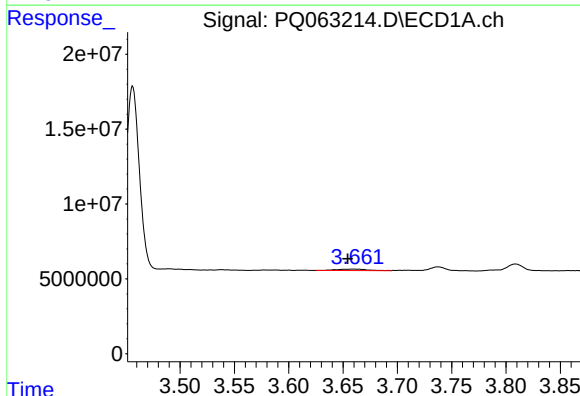
R.T.: 5.029 min
Delta R.T.: 0.004 min
Response: 6752157
Conc: 49.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



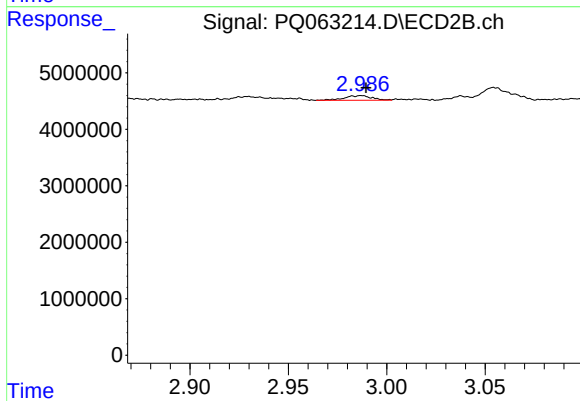
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.005 min
Response: 6691336
Conc: 53.17 ng/ml



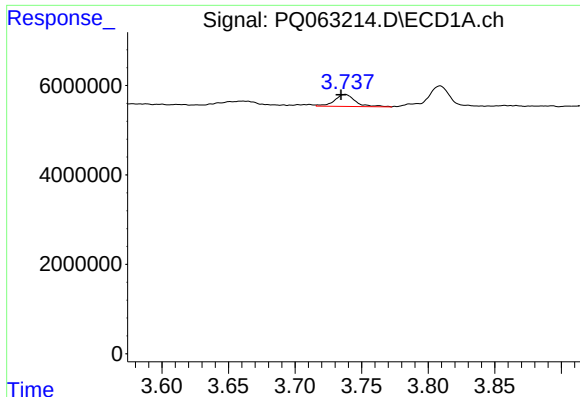
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: 0.006 min
Response: 1820822
Conc: 26.76 ng/ml



#8 AR-1221-1

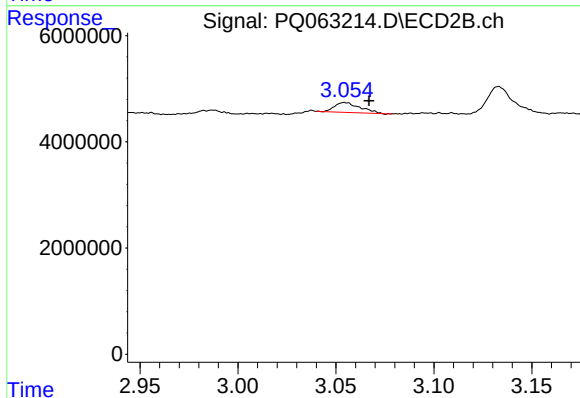
R.T.: 2.987 min
Delta R.T.: -0.002 min
Response: 785229
Conc: 14.31 ng/ml



#9 AR-1221-2

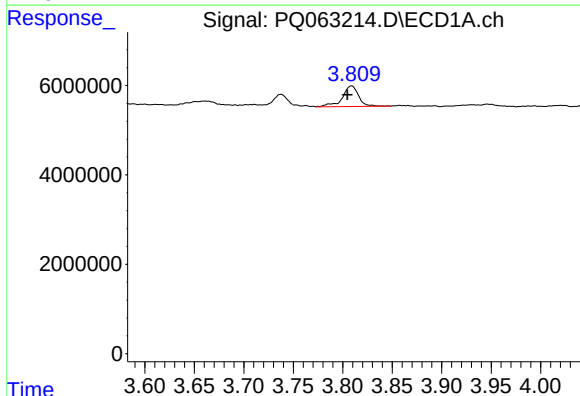
R.T.: 3.737 min
Delta R.T.: 0.003 min
Response: 2907885
Conc: 60.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



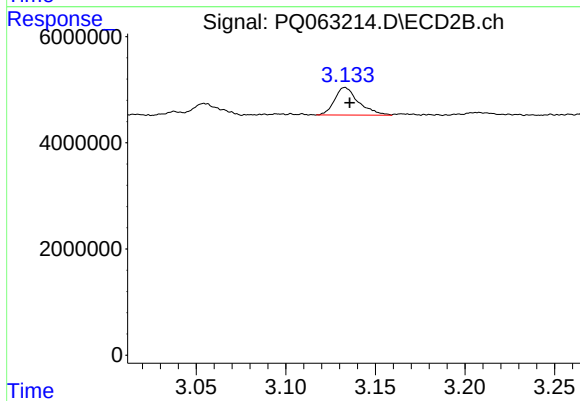
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.013 min
Response: 1657593
Conc: 43.95 ng/ml



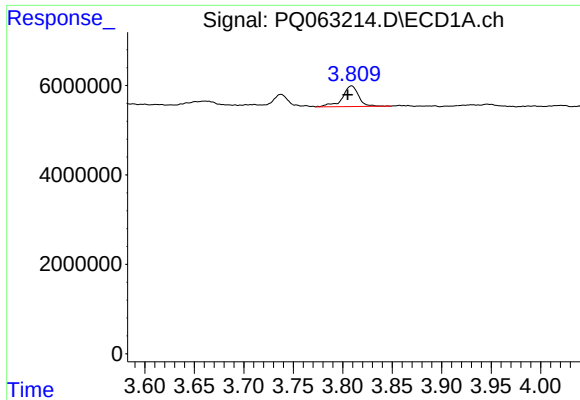
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: 0.004 min
Response: 5291711
Conc: 34.29 ng/ml



#10 AR-1221-3

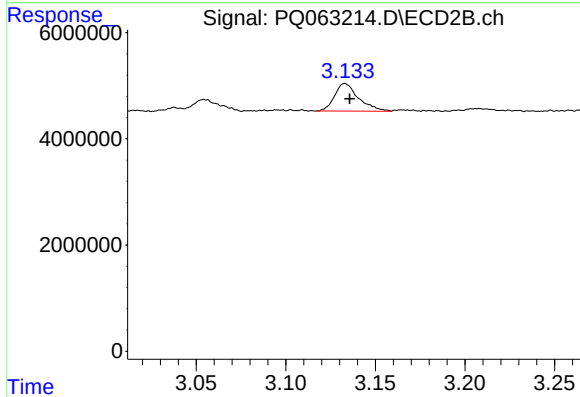
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 4844907
Conc: 40.27 ng/ml



#11 AR-1232-1

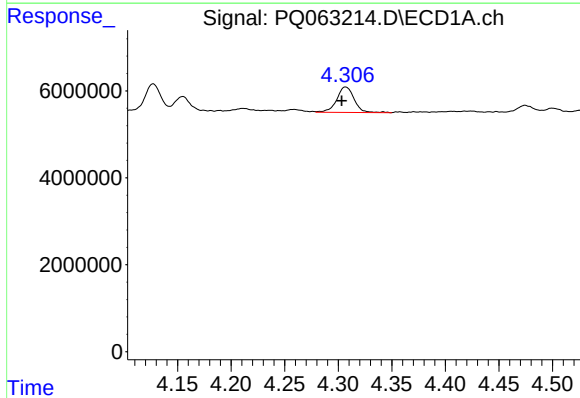
R.T.: 3.809 min
Delta R.T.: 0.004 min
Response: 5291711
Conc: 40.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



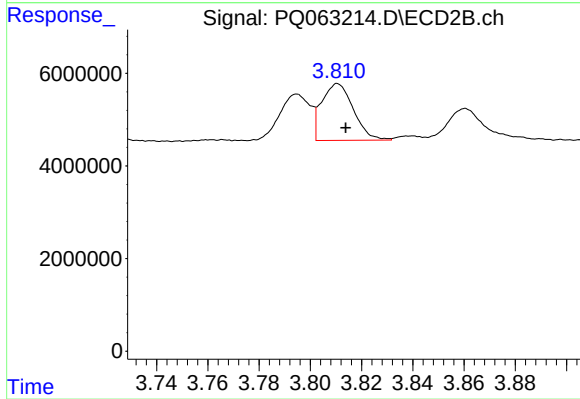
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 4844907
Conc: 49.72 ng/ml



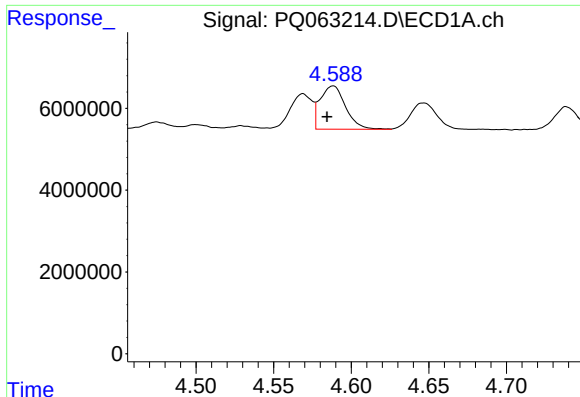
#12 AR-1232-2

R.T.: 4.307 min
Delta R.T.: 0.004 min
Response: 6604970
Conc: 94.70 ng/ml



#12 AR-1232-2

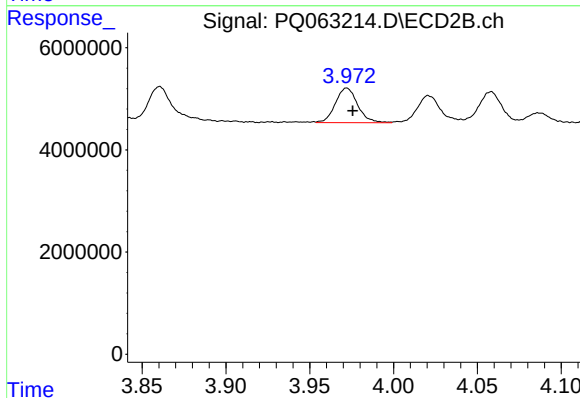
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 10551418
Conc: 108.47 ng/ml



#13 AR-1232-3

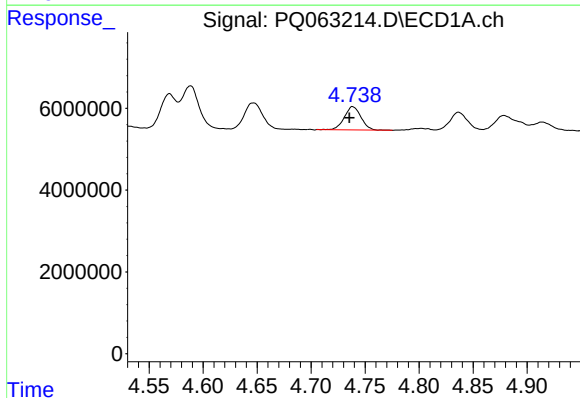
R.T.: 4.588 min
Delta R.T.: 0.004 min
Response: 12060496
Conc: 98.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



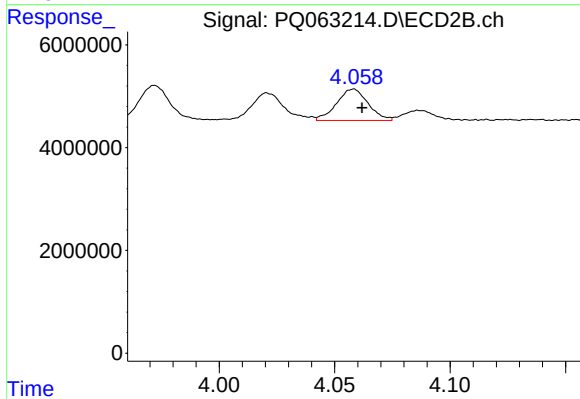
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 6271524
Conc: 118.11 ng/ml



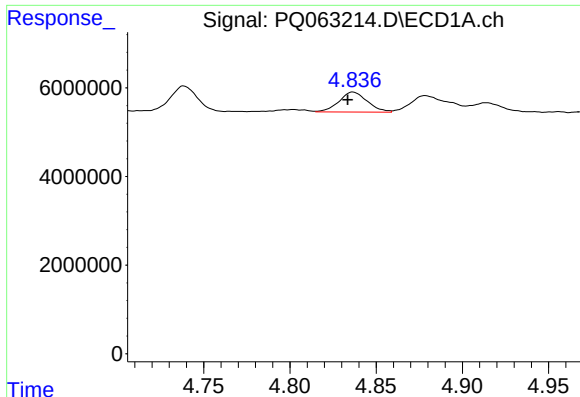
#14 AR-1232-4

R.T.: 4.739 min
Delta R.T.: 0.003 min
Response: 6146883
Conc: 101.87 ng/ml



#14 AR-1232-4

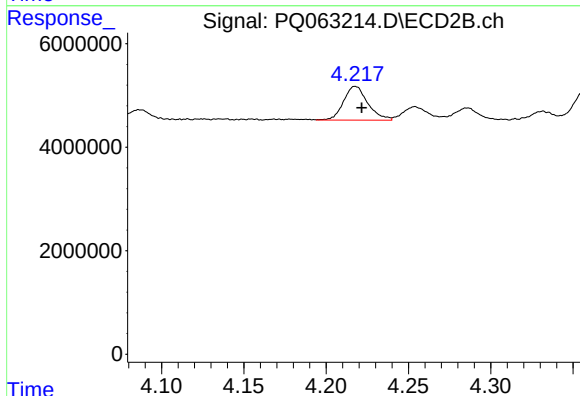
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 5778274
Conc: 125.89 ng/ml



#15 AR-1232-5

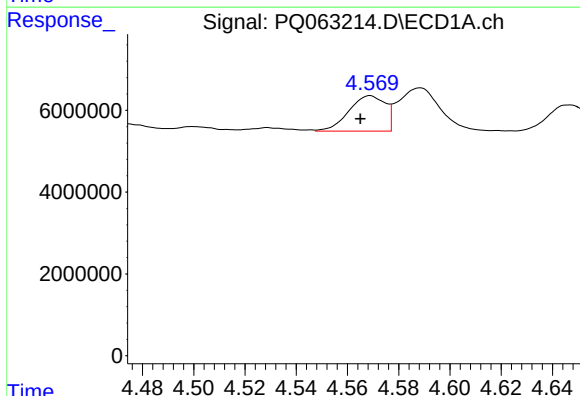
R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 5165686
Conc: 118.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



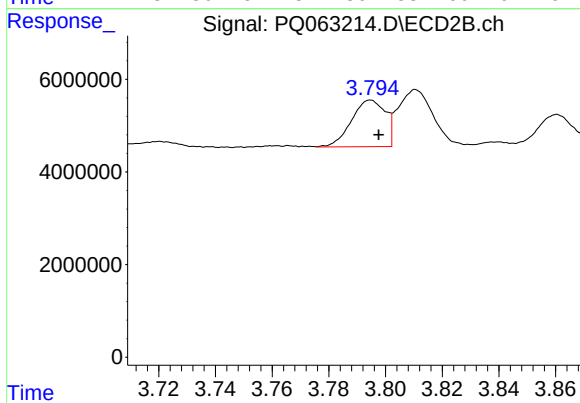
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 6691336
Conc: 123.40 ng/ml



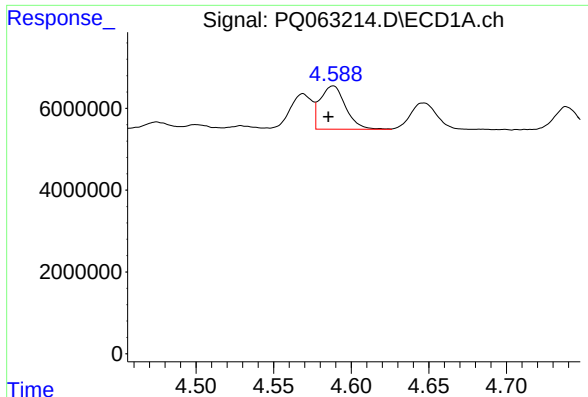
#16 AR-1242-1

R.T.: 4.569 min
Delta R.T.: 0.004 min
Response: 8544231
Conc: 50.62 ng/ml



#16 AR-1242-1

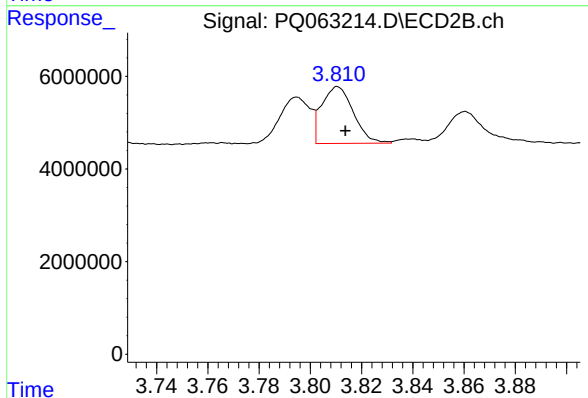
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 8326096
Conc: 57.65 ng/ml



#17 AR-1242-2

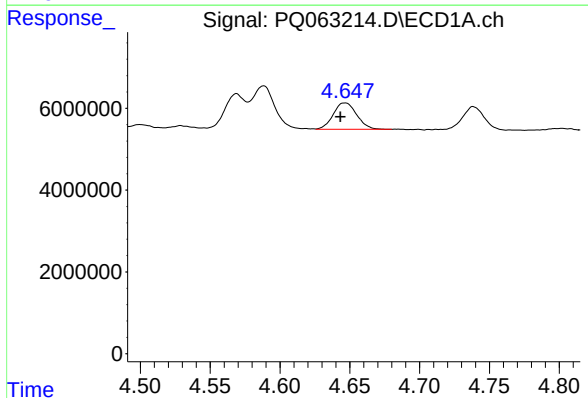
R.T.: 4.588 min
Delta R.T.: 0.003 min
Response: 12060496
Conc: 50.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



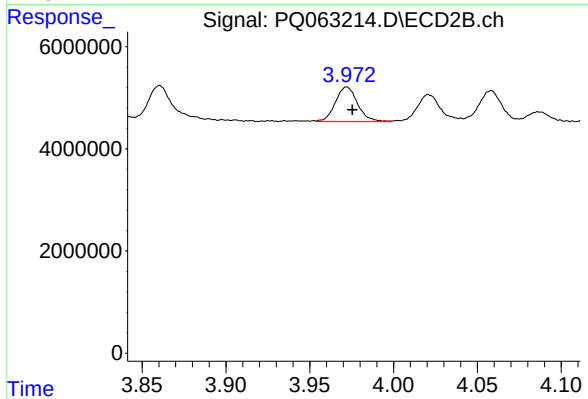
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 10551418
Conc: 55.54 ng/ml



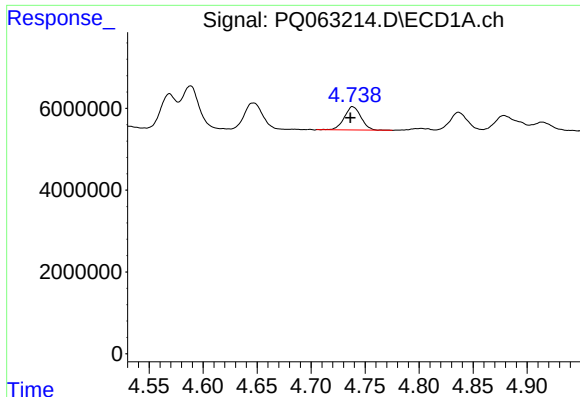
#18 AR-1242-3

R.T.: 4.646 min
Delta R.T.: 0.003 min
Response: 7536737
Conc: 51.45 ng/ml



#18 AR-1242-3

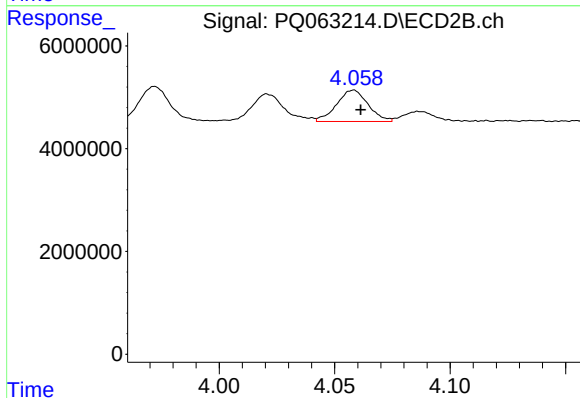
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 6271524
Conc: 58.11 ng/ml



#19 AR-1242-4

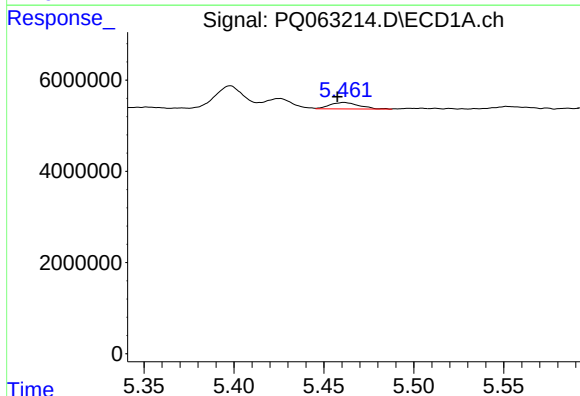
R.T.: 4.739 min
Delta R.T.: 0.002 min
Response: 6146883
Conc: 49.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



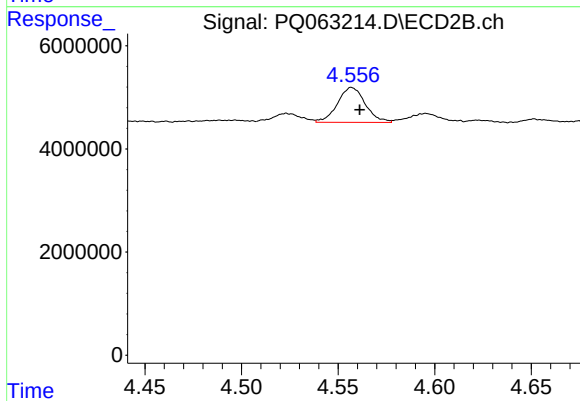
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 5778274
Conc: 58.00 ng/ml



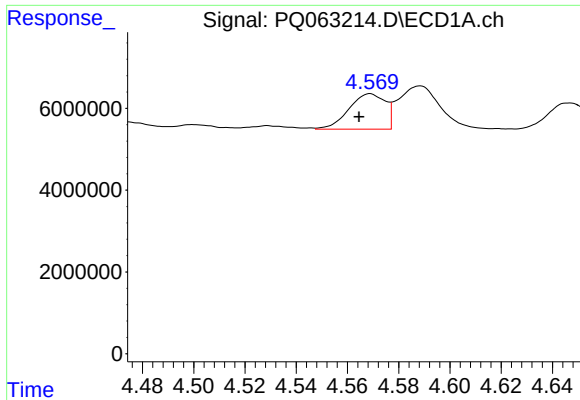
#20 AR-1242-5

R.T.: 5.461 min
Delta R.T.: 0.004 min
Response: 1599510
Conc: 12.10 ng/ml



#20 AR-1242-5

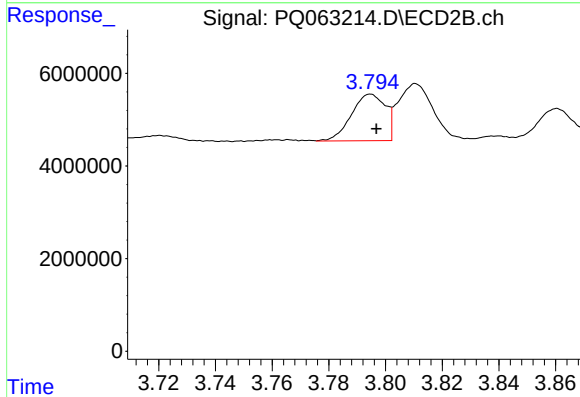
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 6796459
Conc: 50.27 ng/ml



#21 AR-1248-1

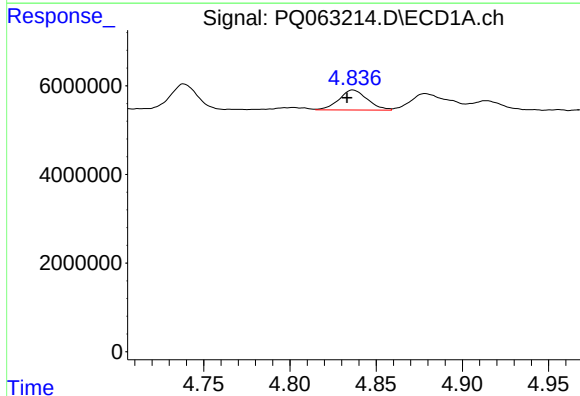
R.T.: 4.569 min
Delta R.T.: 0.004 min
Response: 8544231
Conc: 64.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



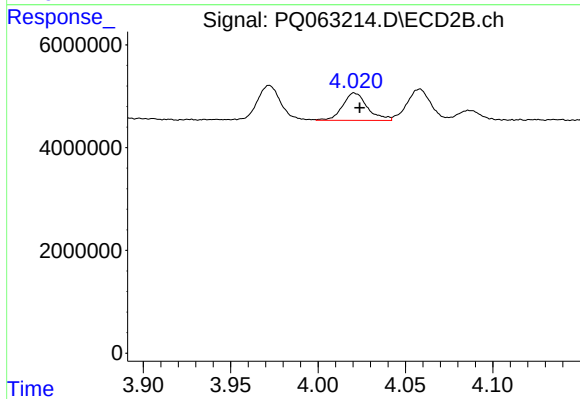
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 8326096
Conc: 74.53 ng/ml



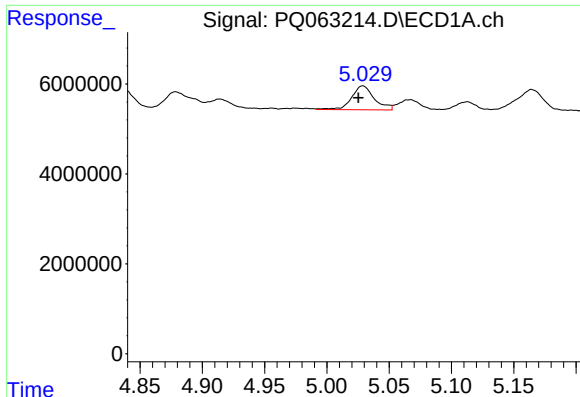
#22 AR-1248-2

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 5165686
Conc: 29.56 ng/ml



#22 AR-1248-2

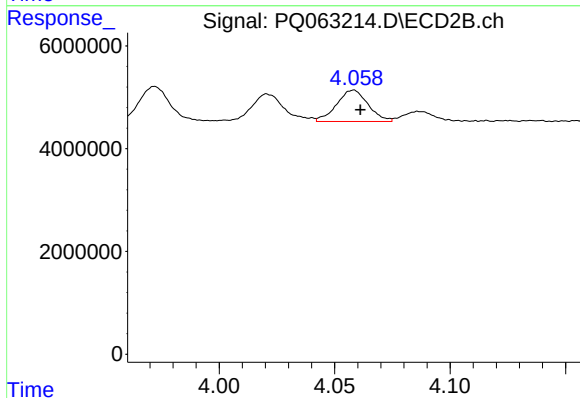
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 5255310
Conc: 33.28 ng/ml



#23 AR-1248-3

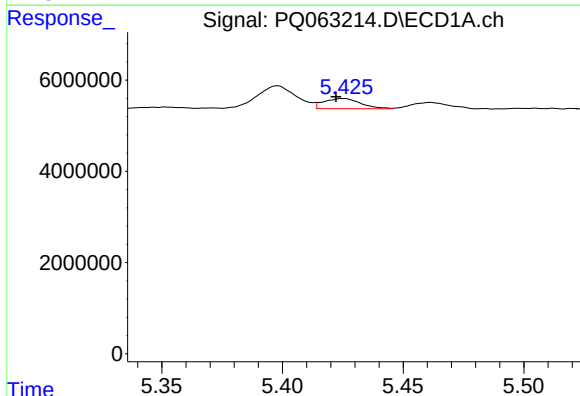
R.T.: 5.029 min
Delta R.T.: 0.003 min
Response: 6752157
Conc: 31.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



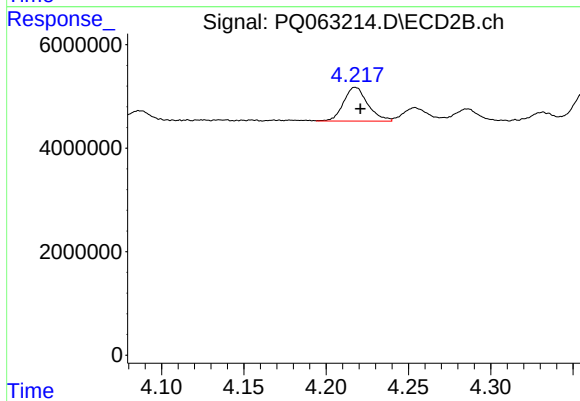
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 5778274
Conc: 37.89 ng/ml



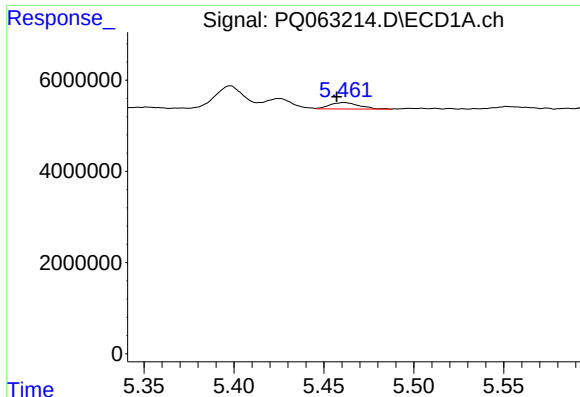
#24 AR-1248-4

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 2383837
Conc: 10.01 ng/ml



#24 AR-1248-4

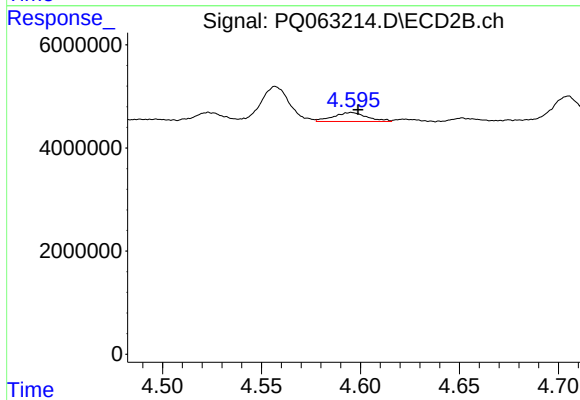
R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 6691336
Conc: 35.19 ng/ml



#25 AR-1248-5

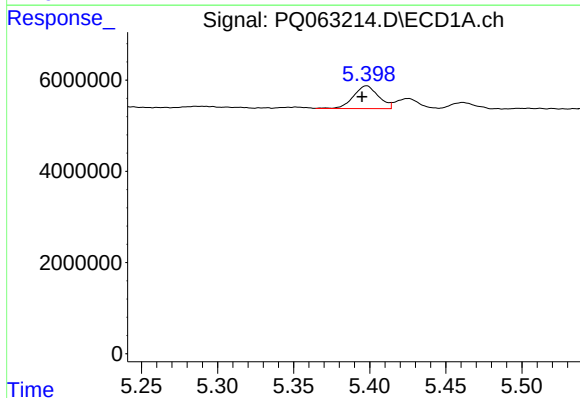
R.T.: 5.461 min
Delta R.T.: 0.004 min
Response: 1599510
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



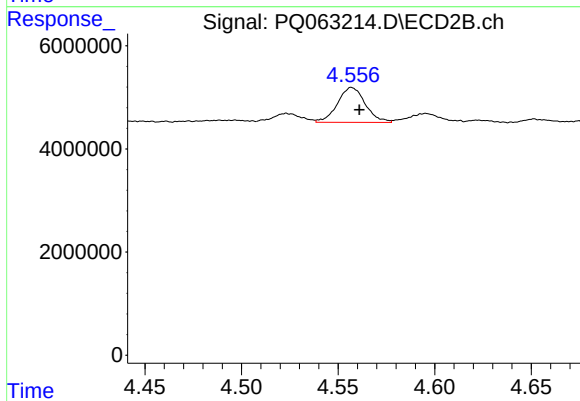
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 2045695
Conc: 10.58 ng/ml



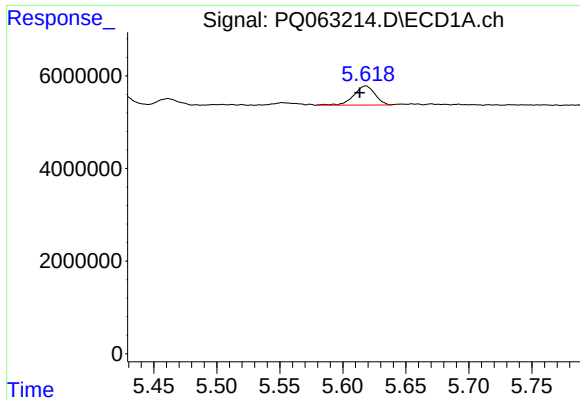
#26 AR-1254-1

R.T.: 5.398 min
Delta R.T.: 0.003 min
Response: 5692798
Conc: 25.99 ng/ml



#26 AR-1254-1

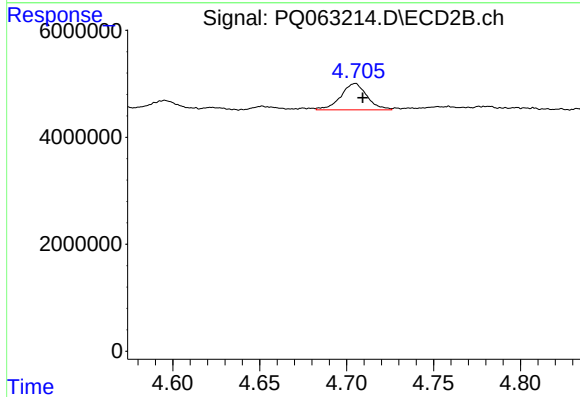
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 6796459
Conc: 25.33 ng/ml



#27 AR-1254-2

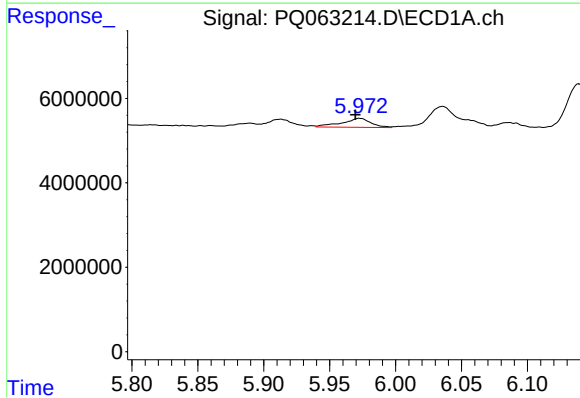
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 4861294
Conc: 14.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



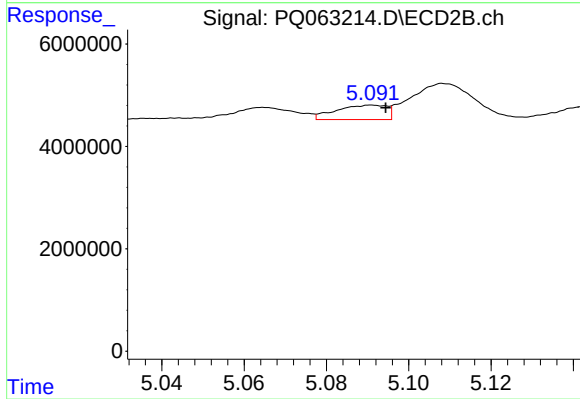
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 5194466
Conc: 22.13 ng/ml



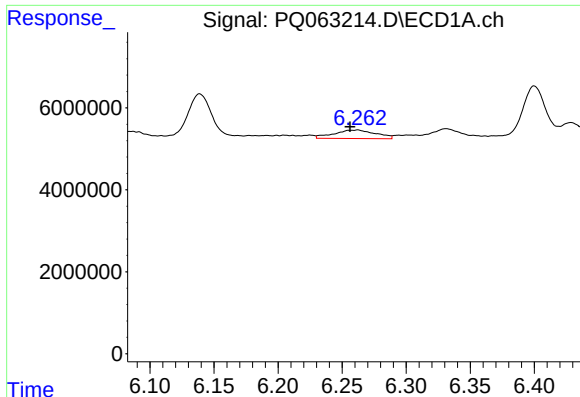
#28 AR-1254-3

R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 3302845
Conc: 9.21 ng/ml



#28 AR-1254-3

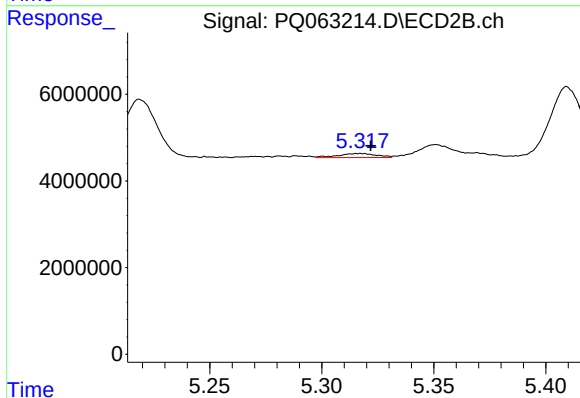
R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 2413358
Conc: 6.38 ng/ml



#29 AR-1254-4

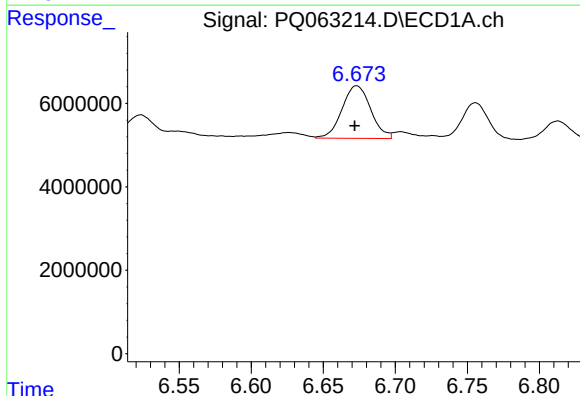
R.T.: 6.262 min
Delta R.T.: 0.006 min
Response: 4736722
Conc: 17.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



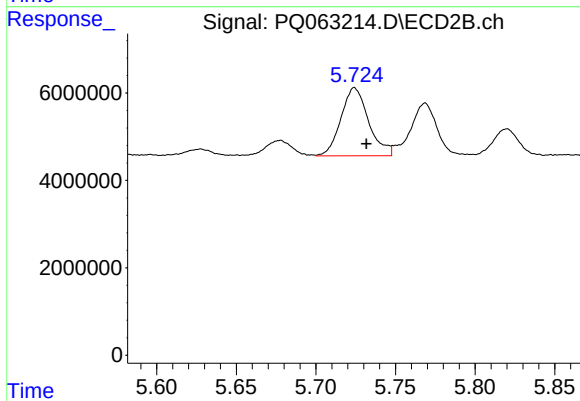
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.004 min
Response: 1105785
Conc: 4.53 ng/ml



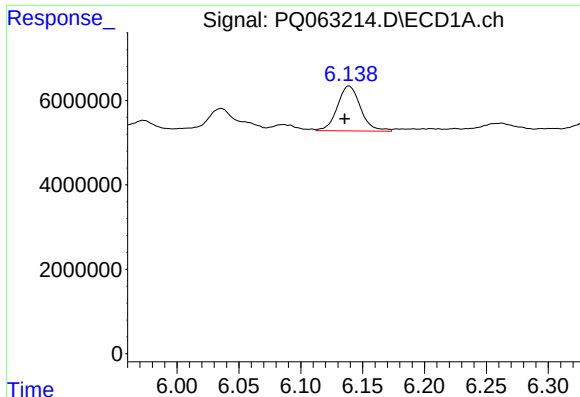
#30 AR-1254-5

R.T.: 6.673 min
Delta R.T.: 0.001 min
Response: 17522732
Conc: 63.39 ng/ml



#30 AR-1254-5

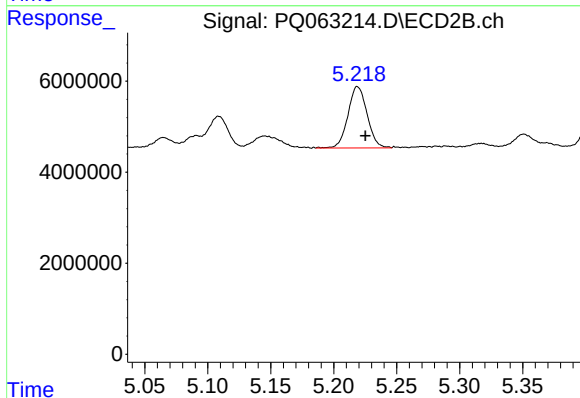
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 18820382
Conc: 54.53 ng/ml



#31 AR-1260-1

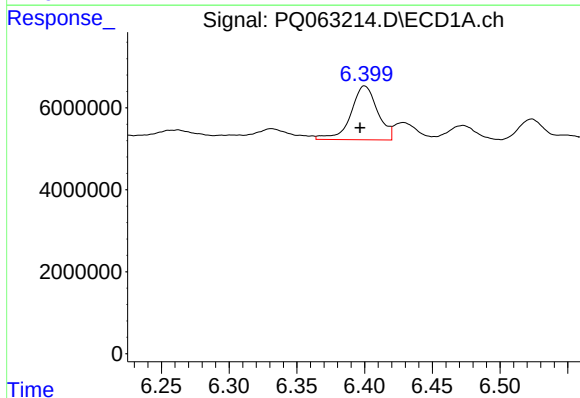
R.T.: 6.139 min
Delta R.T.: 0.003 min
Response: 13884582
Conc: 54.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



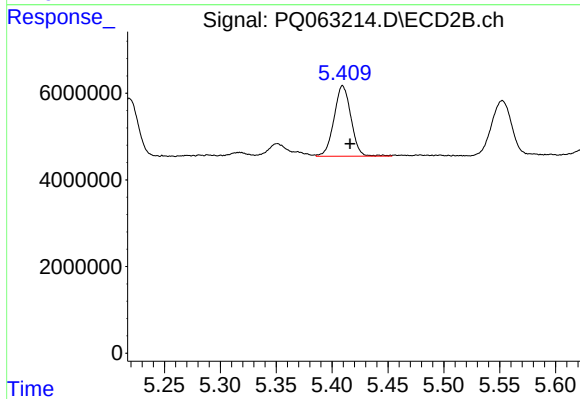
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 14272557
Conc: 57.19 ng/ml



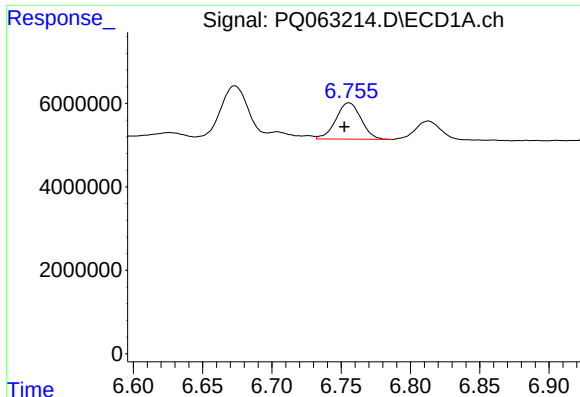
#32 AR-1260-2

R.T.: 6.400 min
Delta R.T.: 0.003 min
Response: 18046864
Conc: 59.46 ng/ml



#32 AR-1260-2

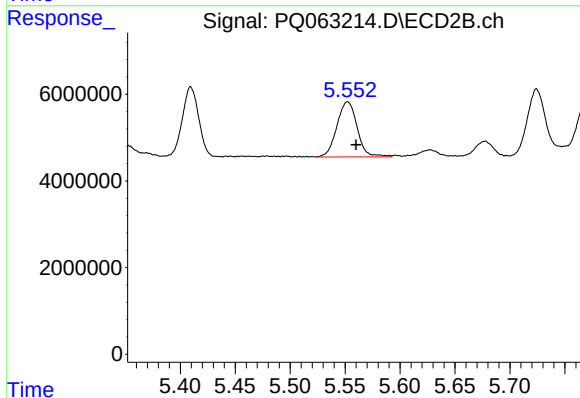
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 17230512
Conc: 55.95 ng/ml



#33 AR-1260-3

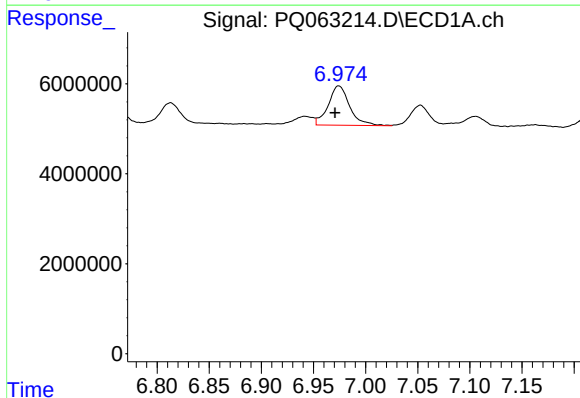
R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 11040768
Conc: 52.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



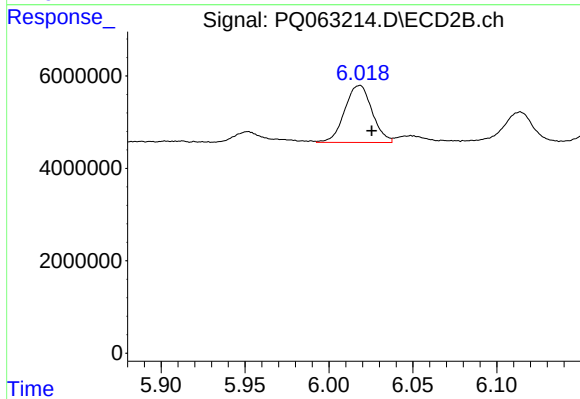
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 16346419
Conc: 52.75 ng/ml



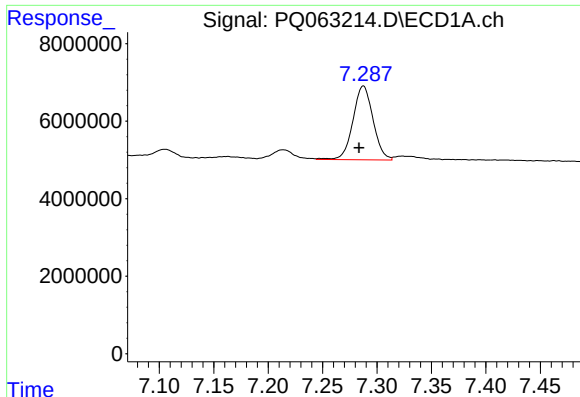
#34 AR-1260-4

R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 12566258
Conc: 52.43 ng/ml



#34 AR-1260-4

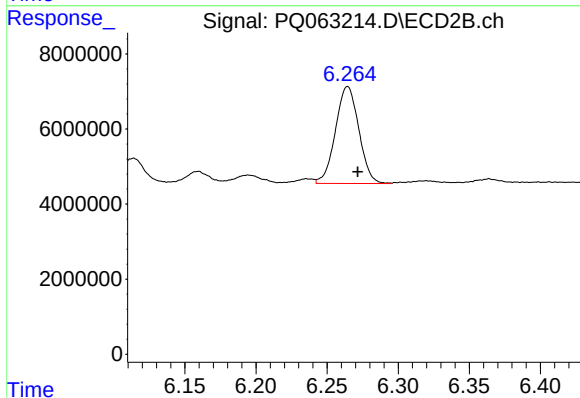
R.T.: 6.019 min
Delta R.T.: -0.007 min
Response: 14016952
Conc: 57.16 ng/ml



#35 AR-1260-5

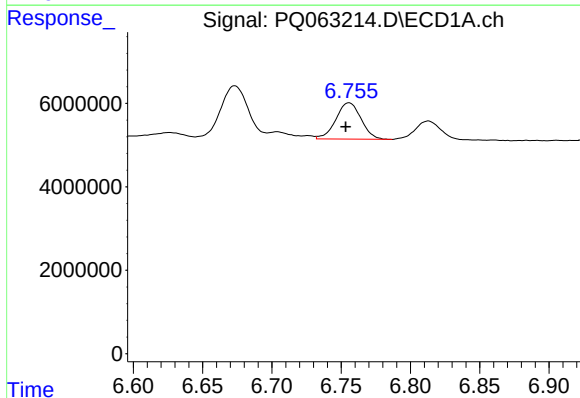
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 24533955
Conc: 52.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



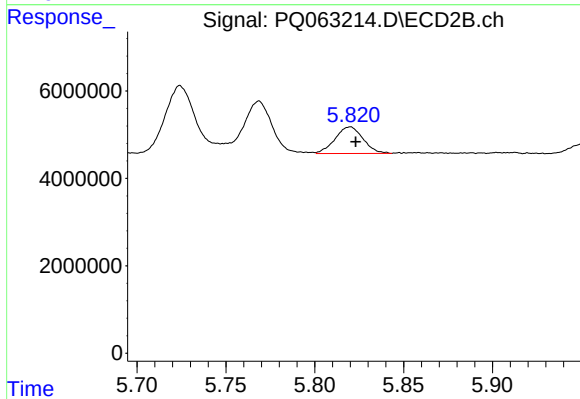
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 29541020
Conc: 54.05 ng/ml



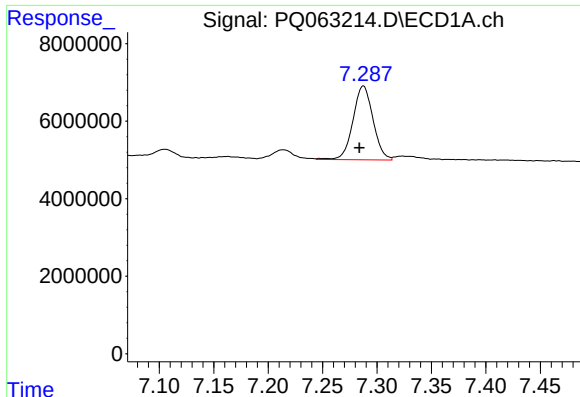
#36 AR-1262-1

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 11040768
Conc: 34.19 ng/ml



#36 AR-1262-1

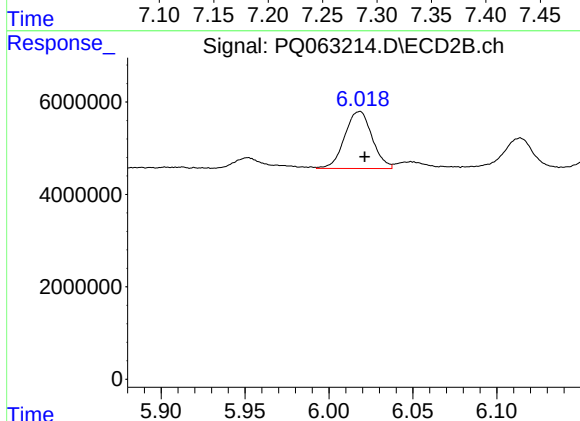
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 6674076
Conc: 46.74 ng/ml



#37 AR-1262-2

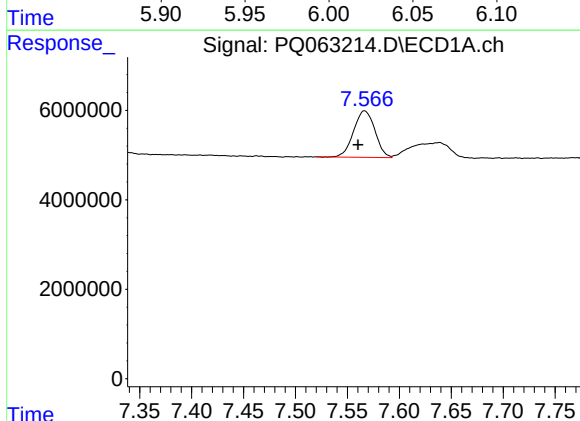
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 24533955
Conc: 45.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



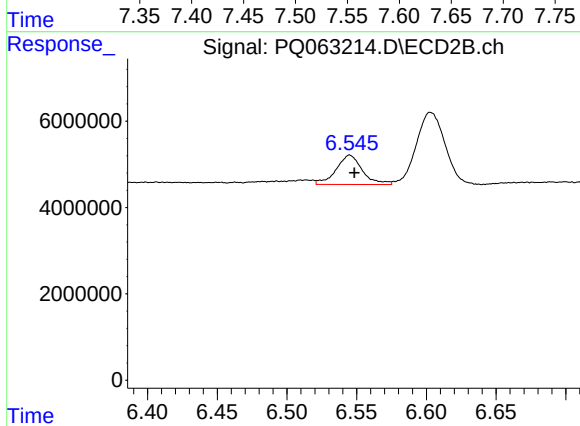
#37 AR-1262-2

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 14016952
Conc: 44.85 ng/ml



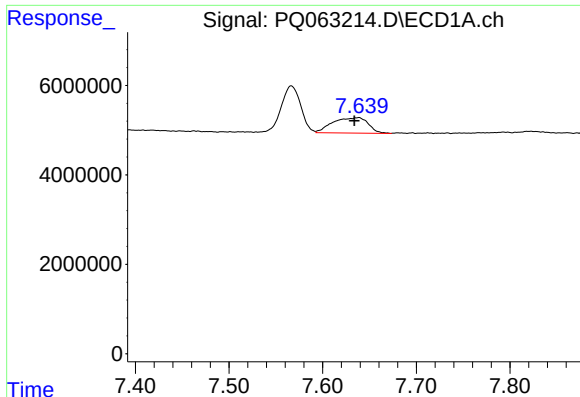
#38 AR-1262-3

R.T.: 7.567 min
Delta R.T.: 0.006 min
Response: 14861163
Conc: 41.14 ng/ml



#38 AR-1262-3

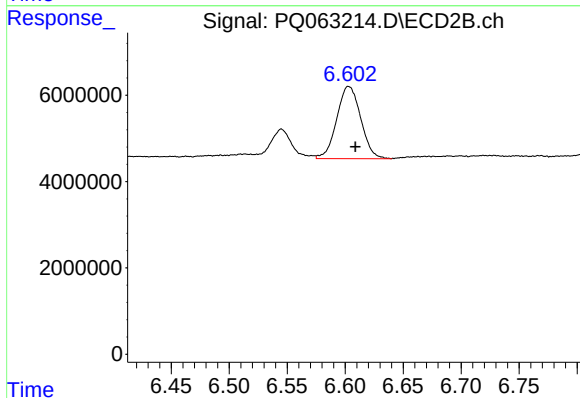
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 8924278
Conc: 35.40 ng/ml



#39 AR-1262-4

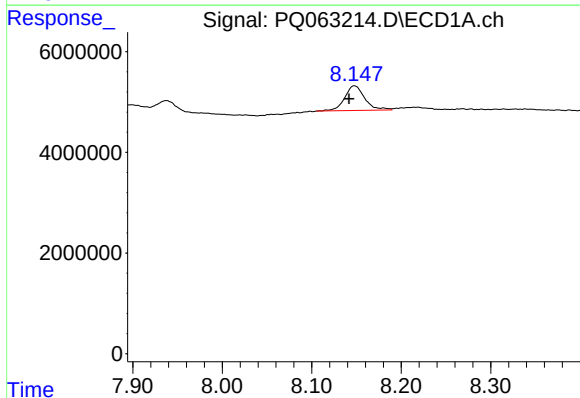
R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 9030473
Conc: 32.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



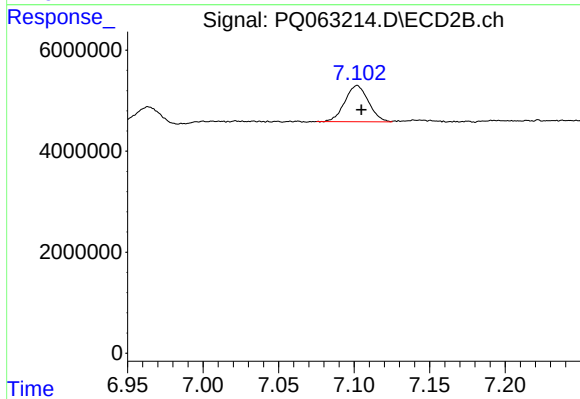
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 24118196
Conc: 51.59 ng/ml



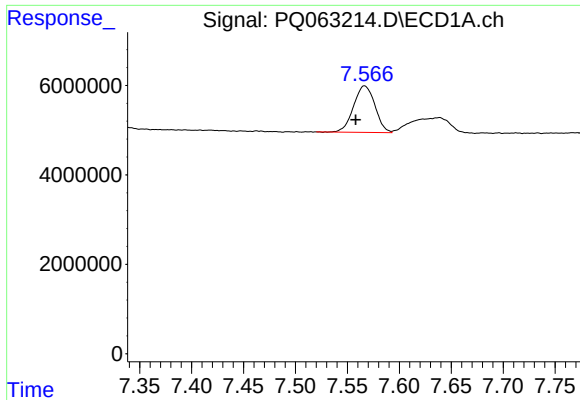
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 7680969
Conc: 40.87 ng/ml



#40 AR-1262-5

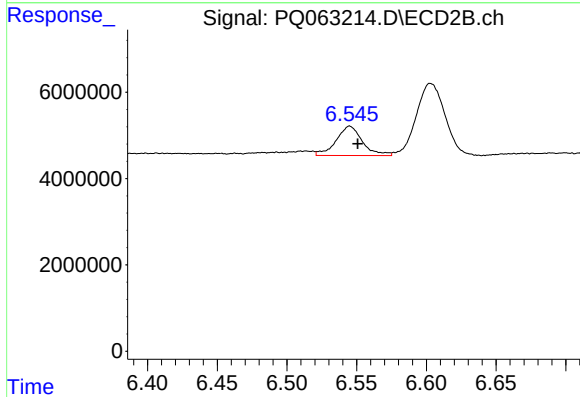
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 7845457
Conc: 35.70 ng/ml



#41 AR-1268-1

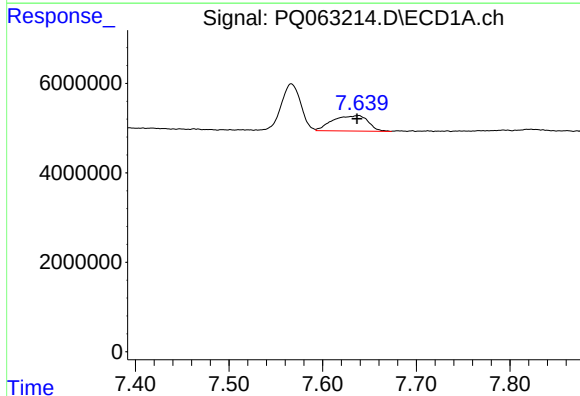
R.T.: 7.567 min
Delta R.T.: 0.009 min
Response: 14861163
Conc: 22.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



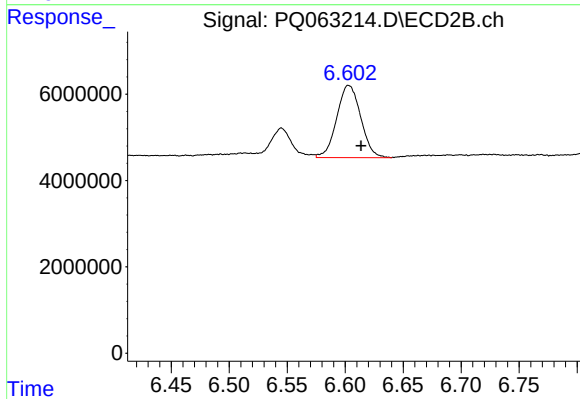
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 8924278
Conc: 11.96 ng/ml



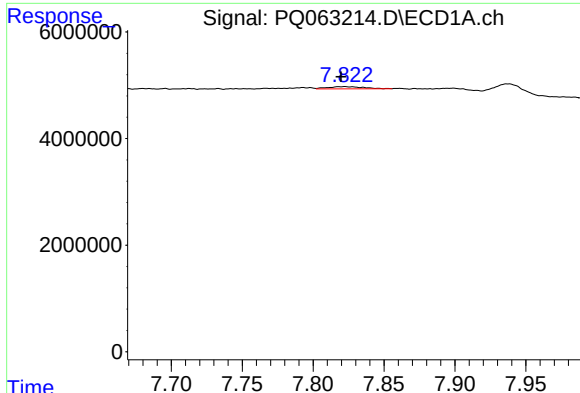
#42 AR-1268-2

R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 9030473
Conc: 15.06 ng/ml



#42 AR-1268-2

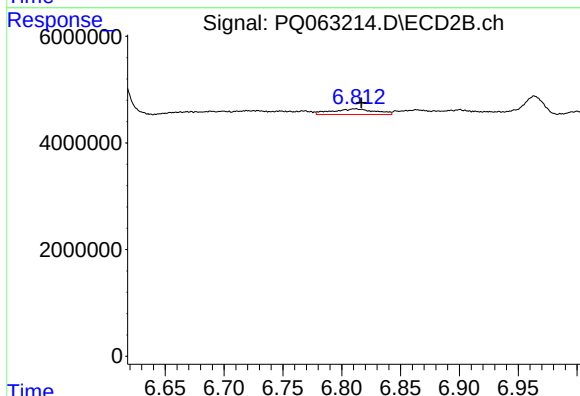
R.T.: 6.603 min
Delta R.T.: -0.010 min
Response: 24118196
Conc: 35.13 ng/ml



#43 AR-1268-3

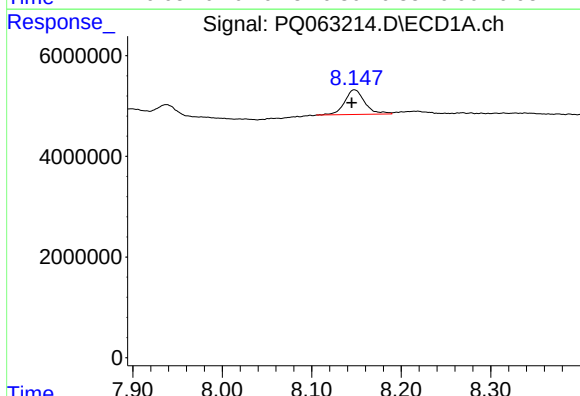
R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 718794
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



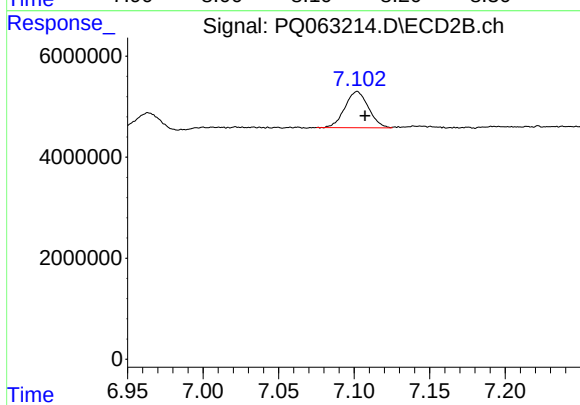
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.005 min
Response: 2721459
Conc: 4.64 ng/ml



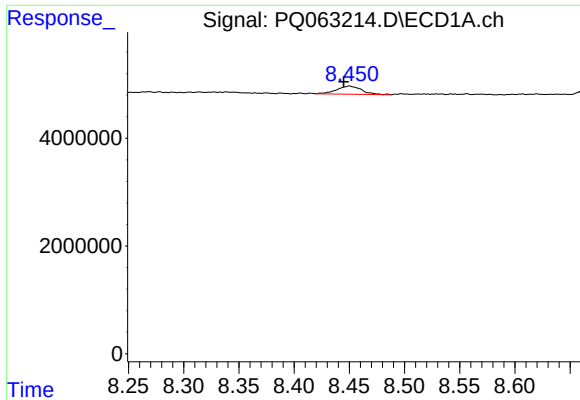
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: 0.003 min
Response: 7680969
Conc: 35.80 ng/ml



#44 AR-1268-4

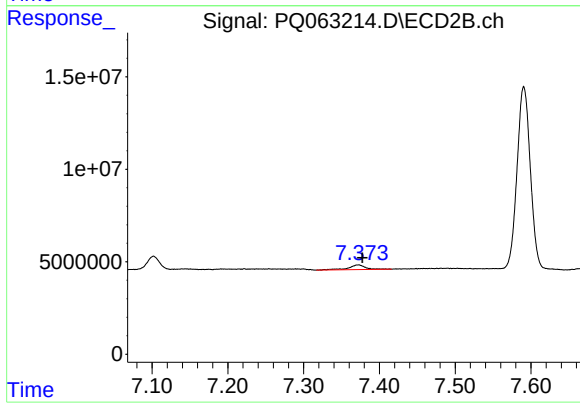
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 7845457
Conc: 30.81 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.005 min
Response: 2344976
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 3873754
Conc: 2.19 ng/ml