

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
 Data File : PQ063230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 14:48
 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 17:45:42 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...	3.454	2.783	218.2E6	165.8E6	40.602	40.207
2)	SA Decachlor...	8.687	7.590	183.7E6	211.3E6	47.450	48.853
Target Compounds							
3)	L1 AR-1016-1	4.567	3.794	80608828	70508119	414.284	442.429
4)	L1 AR-1016-2	4.586	3.810	115.3E6	94578002	415.501	442.630
5)	L1 AR-1016-3	4.644	3.972	72101804	54473068	421.639	455.625
6)	L1 AR-1016-4	4.737	4.021	59915794	44564248	425.752	459.301
7)	L1 AR-1016-5	5.027	4.217	60405050	57787243	439.011	459.213
8)	L2 AR-1221-1	3.653	2.986	8542241	7818373	125.536	142.484
9)	L2 AR-1221-2	3.736	3.063	12913169	7942203	270.653	210.563
10)	L2 AR-1221-3	3.807	3.133	54508089	32599428	353.193	270.930
11)	L3 AR-1232-1	3.807	3.133	54508089	32599428	421.886	334.575
12)	L3 AR-1232-2	4.305	3.810	60272968	94578002	864.202	972.296
13)	L3 AR-1232-3	4.586	3.972	115.3E6	54473068	943.532	1025.912
14)	L3 AR-1232-4	4.737	4.058	59915794	49022192	992.987	1068.064
15)	L3 AR-1232-5	4.836	4.217	46992072	57787243	1076.652	1065.739
16)	L4 AR-1242-1	4.567	3.794	80608828	70508119	477.604	488.223
17)	L4 AR-1242-2	4.586	3.810	115.3E6	94578002	478.070	497.836
18)	L4 AR-1242-3	4.644	3.972	72101804	54473068	492.225	504.711
19)	L4 AR-1242-4	4.737	4.058	59915794	49022192	484.214	492.047
20)	L4 AR-1242-5	5.459	4.557	15783474	58484159	119.429	432.558 #
21)	L5 AR-1248-1	4.567	3.794	80608828	70508119	605.397	631.181
22)	L5 AR-1248-2	4.836	4.021	46992072	44564248	268.906	282.202
23)	L5 AR-1248-3	5.027	4.058	60405050	49022192	285.640	321.458
24)	L5 AR-1248-4	5.424	4.217	21354991	57787243	89.629	303.885 #
25)	L5 AR-1248-5	5.459	4.595	15783474	15917275	67.920	82.298
26)	L6 AR-1254-1	5.396	4.557	55403065	58484159	252.976	217.971
27)	L6 AR-1254-2	5.615	4.704	49299542	43657245	145.578	186.002 #
28)	L6 AR-1254-3	5.971	5.089	25165057	20083537	70.192	53.107
29)	L6 AR-1254-4	6.256	5.317	18282744	7424822	67.479	30.392 #
30)	L6 AR-1254-5	6.672	5.724	164.0E6	173.0E6	593.407	501.157
31)	L7 AR-1260-1	6.137	5.219	122.3E6	121.8E6	478.456	488.133
32)	L7 AR-1260-2	6.399	5.410	146.4E6	149.2E6	482.505	484.419
33)	L7 AR-1260-3	6.755	5.552	105.3E6	141.3E6	499.695	456.141
34)	L7 AR-1260-4	6.973	6.018	118.3E6	118.9E6	493.495	485.070
35)	L7 AR-1260-5	7.285	6.265	232.8E6	268.6E6	496.264	491.455
36)	L8 AR-1262-1	6.755	5.820	105.3E6	60943615	326.175	426.822 #
37)	L8 AR-1262-2	7.285	6.018	232.8E6	118.9E6	429.028	380.631
38)	L8 AR-1262-3	7.565	6.545	146.9E6	64018428	406.632	253.952 #
39)	L8 AR-1262-4	7.635	6.603	90637531	201.8E6	323.372	431.552 #
40)	L8 AR-1262-5	8.145	7.101	61481369	71948855	327.104	327.441
41)	L9 AR-1268-1	7.565	6.545	146.9E6	64018428	227.119	85.783 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082823\
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 Acq On : 28 Aug 2023 14:48
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

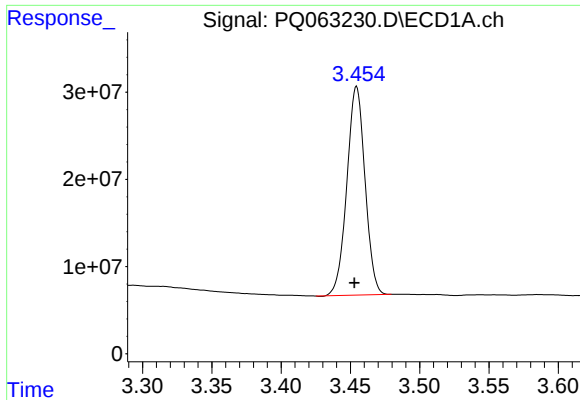
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 17:45:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.635	6.603	90637531	201.8E6	151.143	293.830 #
43) L9	AR-1268-3	7.821	6.810	3385499	4997926	6.876	8.515
44) L9	AR-1268-4	8.145	7.101	61481369	71948855	286.577	282.554
45) L9	AR-1268-5	8.447	7.371	16751631	21687340	10.870	12.242

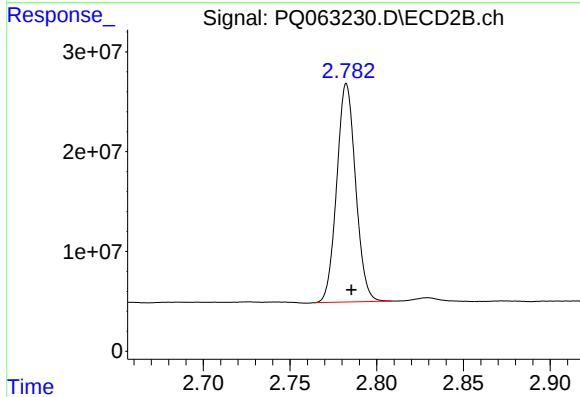
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

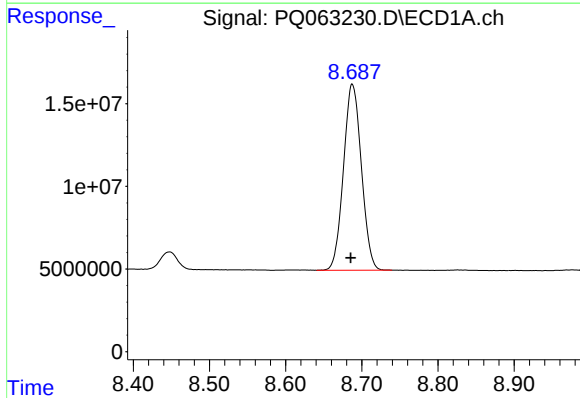
R.T.: 3.454 min
Delta R.T.: 0.001 min
Response: 218171202
Conc: 40.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



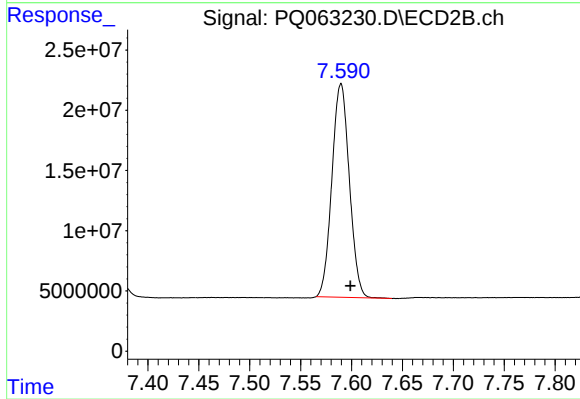
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 165823535
Conc: 40.21 ng/ml



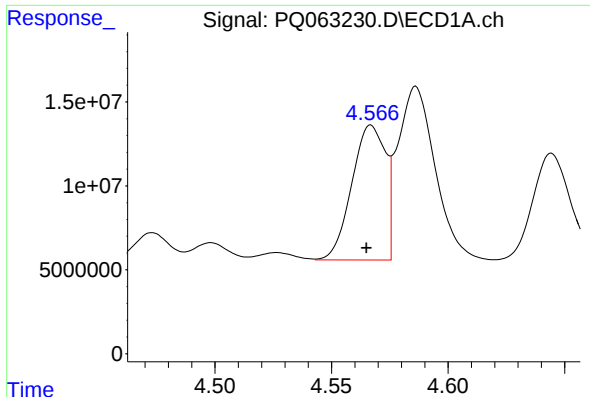
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 183716287
Conc: 47.45 ng/ml



#2 Decachlorobiphenyl

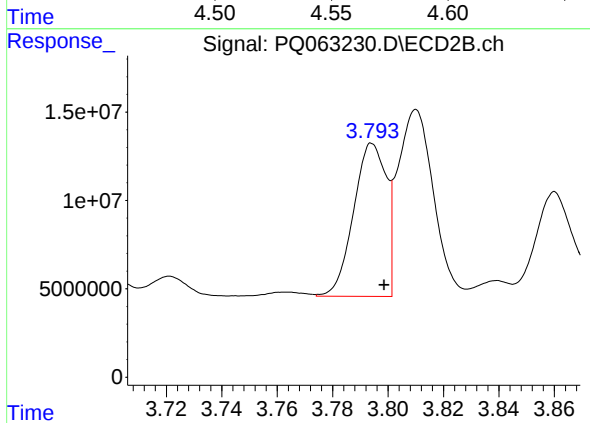
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 211305874
Conc: 48.85 ng/ml



#3 AR-1016-1

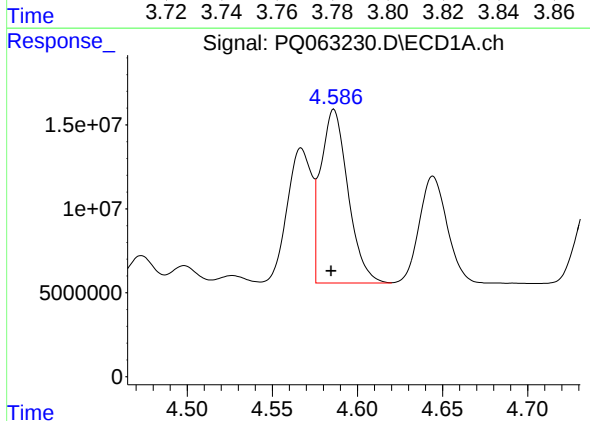
R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 80608828
Conc: 414.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



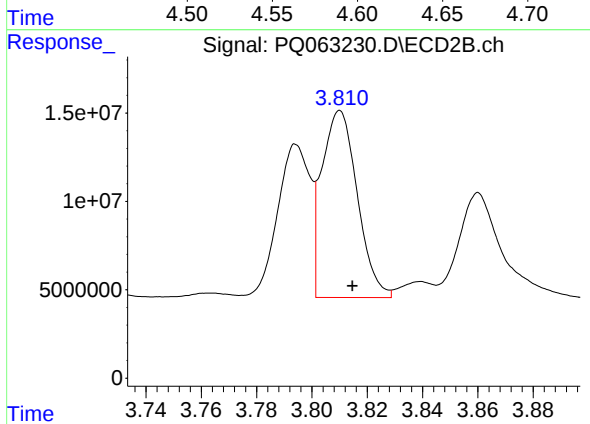
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 70508119
Conc: 442.43 ng/ml



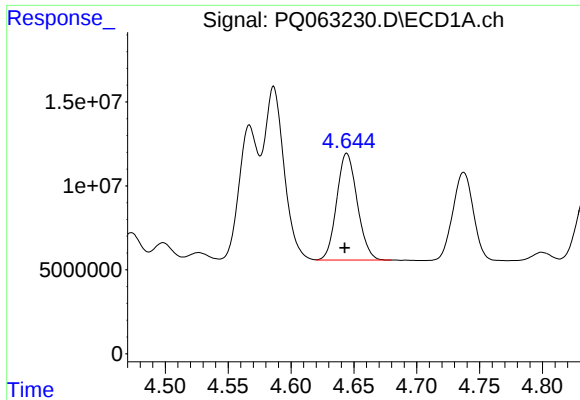
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 115291803
Conc: 415.50 ng/ml



#4 AR-1016-2

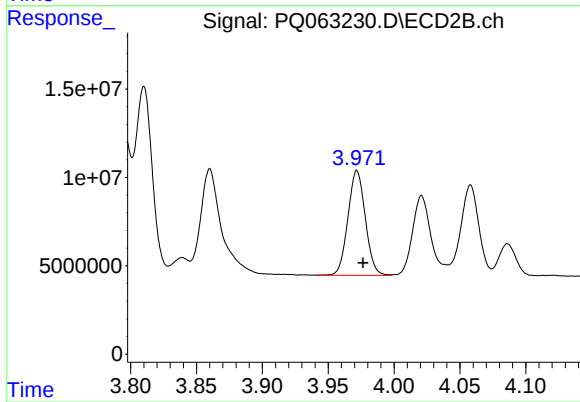
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 94578002
Conc: 442.63 ng/ml



#5 AR-1016-3

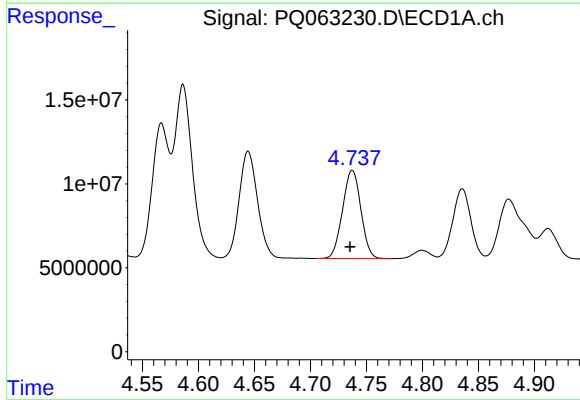
R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 72101804
Conc: 421.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



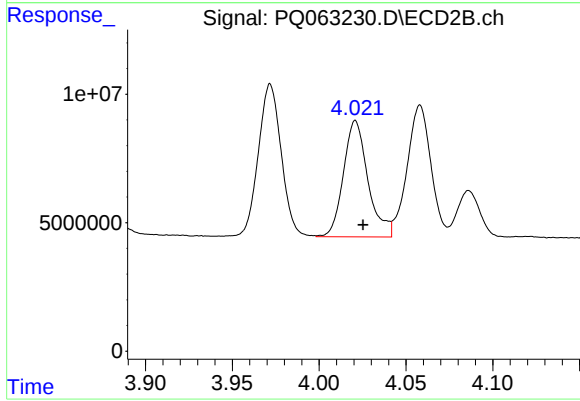
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 54473068
Conc: 455.62 ng/ml



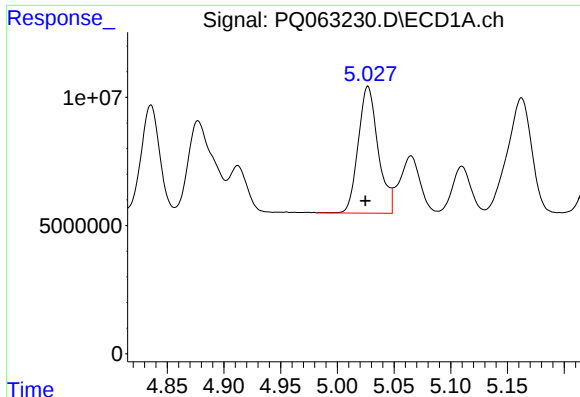
#6 AR-1016-4

R.T.: 4.737 min
Delta R.T.: 0.002 min
Response: 59915794
Conc: 425.75 ng/ml



#6 AR-1016-4

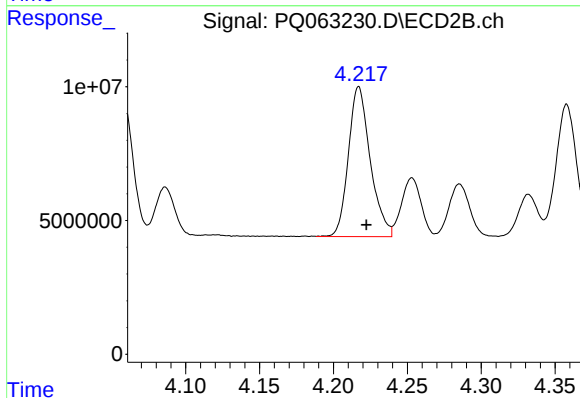
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 44564248
Conc: 459.30 ng/ml



#7 AR-1016-5

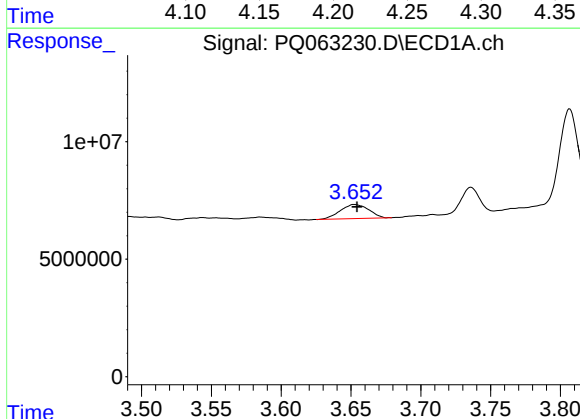
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 60405050
Conc: 439.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



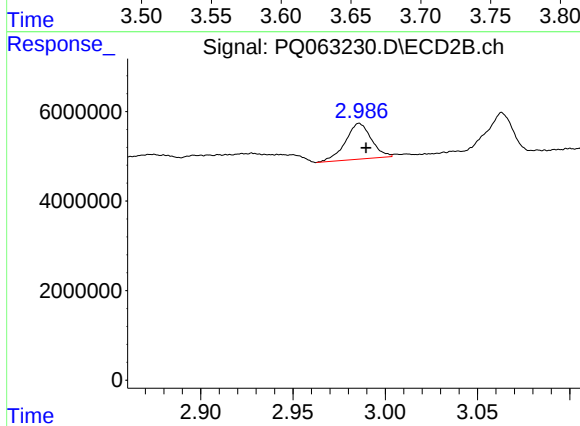
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 57787243
Conc: 459.21 ng/ml



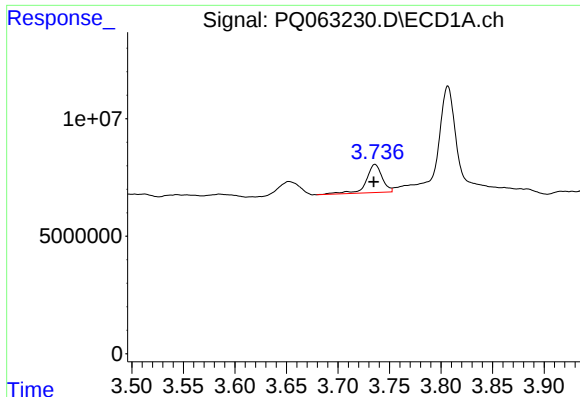
#8 AR-1221-1

R.T.: 3.653 min
Delta R.T.: -0.002 min
Response: 8542241
Conc: 125.54 ng/ml



#8 AR-1221-1

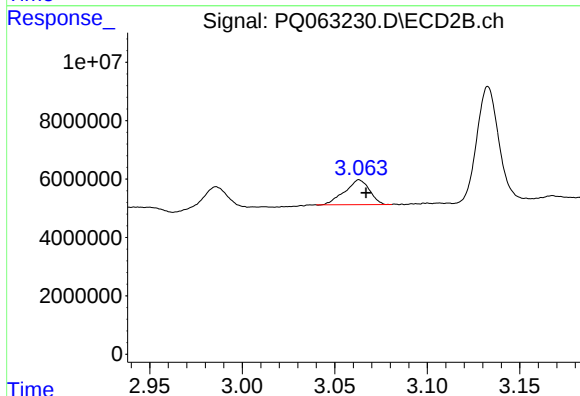
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 7818373
Conc: 142.48 ng/ml



#9 AR-1221-2

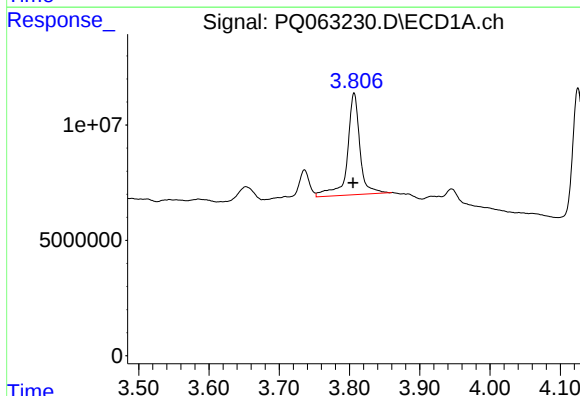
R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 12913169
Conc: 270.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



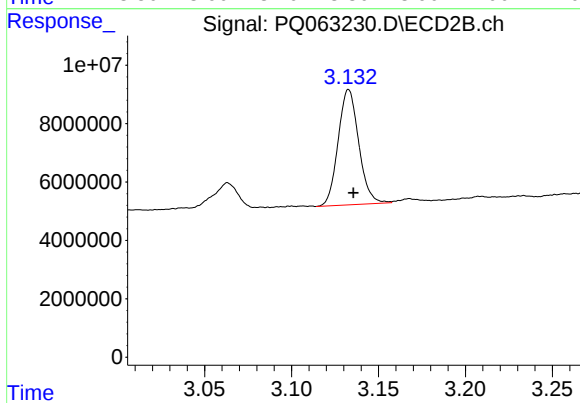
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.004 min
Response: 7942203
Conc: 210.56 ng/ml



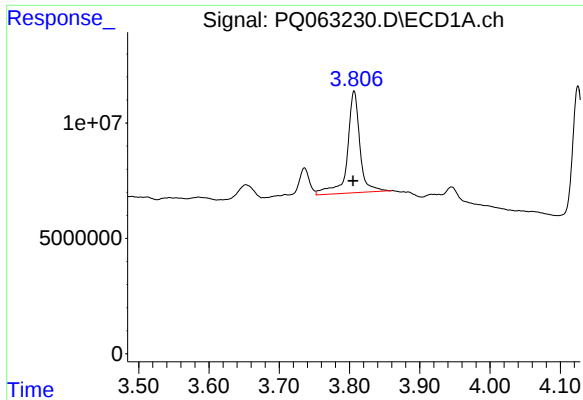
#10 AR-1221-3

R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 54508089
Conc: 353.19 ng/ml



#10 AR-1221-3

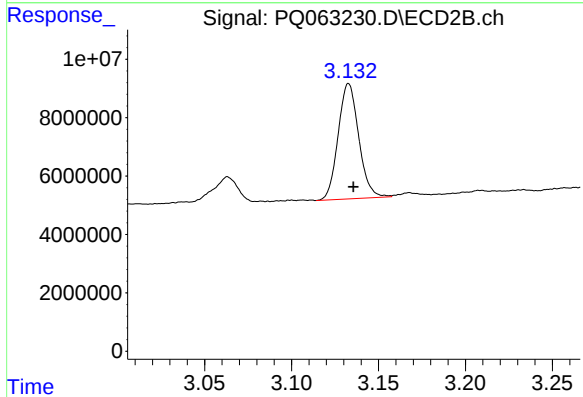
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 32599428
Conc: 270.93 ng/ml



#11 AR-1232-1

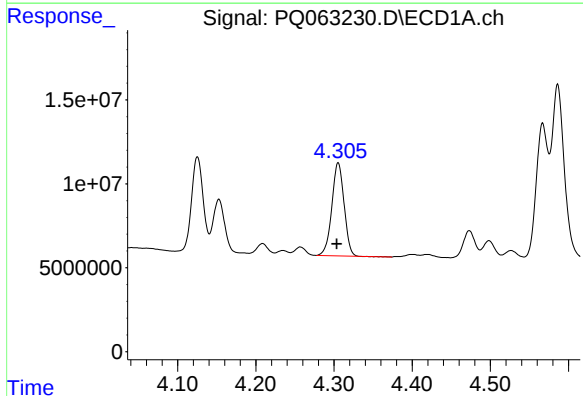
R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 54508089
Conc: 421.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



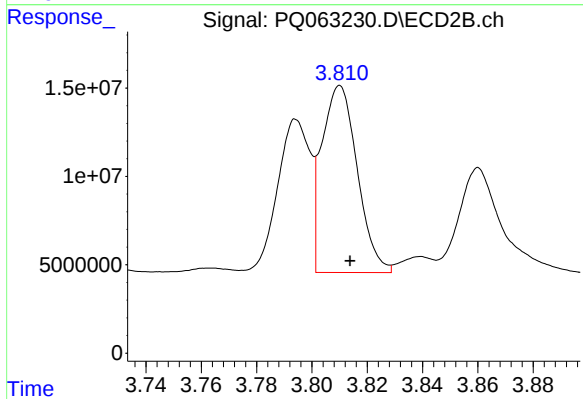
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 32599428
Conc: 334.57 ng/ml



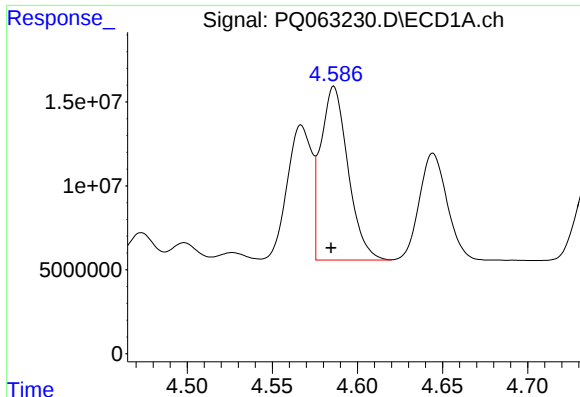
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 60272968
Conc: 864.20 ng/ml



#12 AR-1232-2

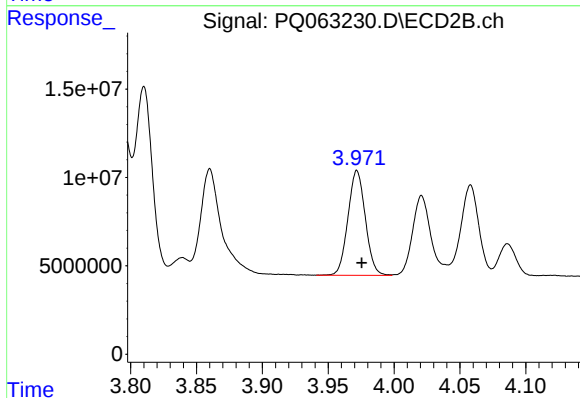
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 94578002
Conc: 972.30 ng/ml



#13 AR-1232-3

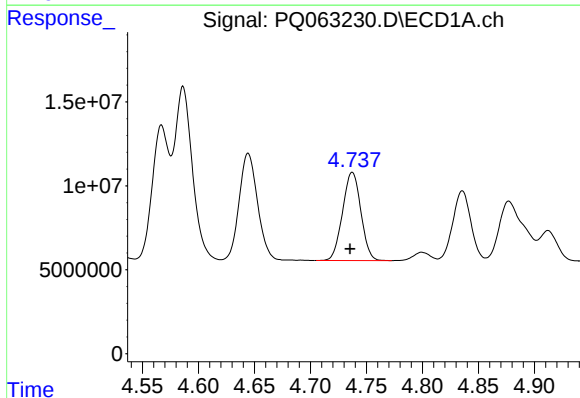
R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 115291803
Conc: 943.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



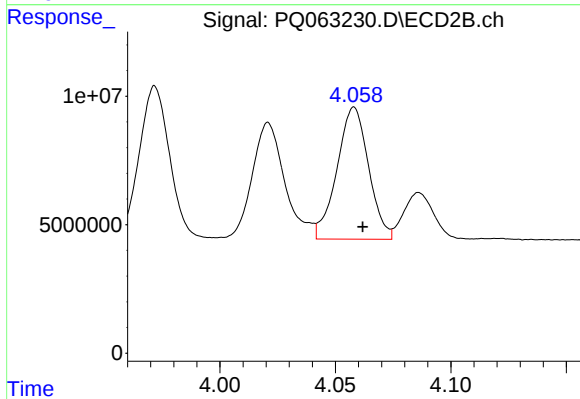
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 54473068
Conc: 1025.91 ng/ml



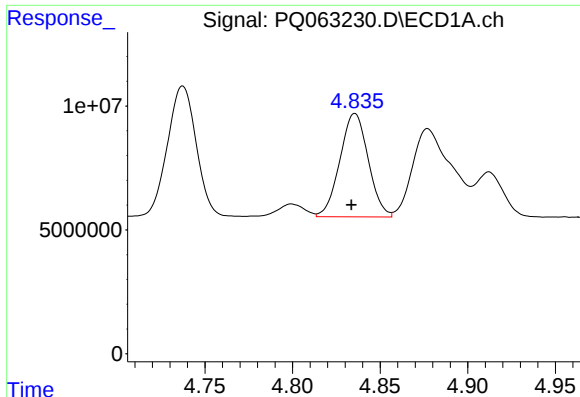
#14 AR-1232-4

R.T.: 4.737 min
Delta R.T.: 0.002 min
Response: 59915794
Conc: 992.99 ng/ml



#14 AR-1232-4

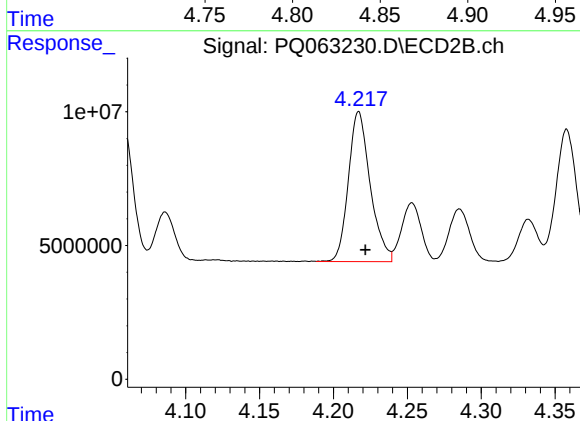
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 49022192
Conc: 1068.06 ng/ml



#15 AR-1232-5

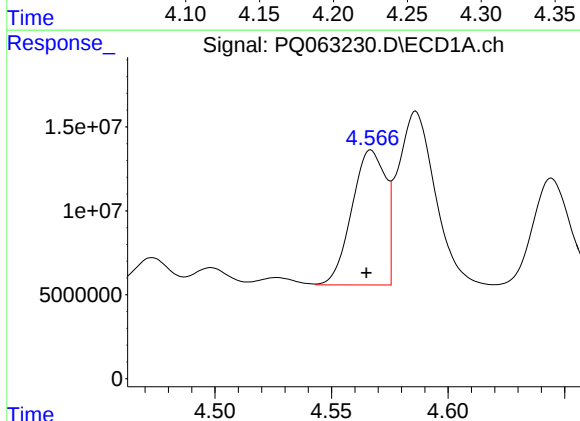
R.T.: 4.836 min
Delta R.T.: 0.002 min
Response: 46992072
Conc: 1076.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



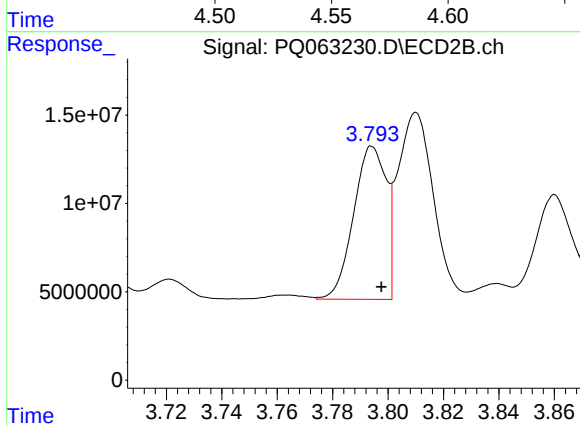
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 57787243
Conc: 1065.74 ng/ml



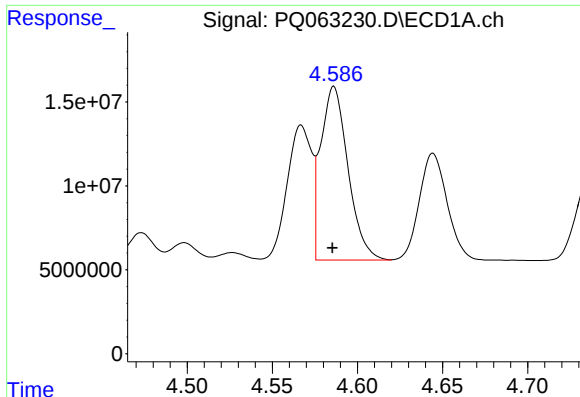
#16 AR-1242-1

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 80608828
Conc: 477.60 ng/ml



#16 AR-1242-1

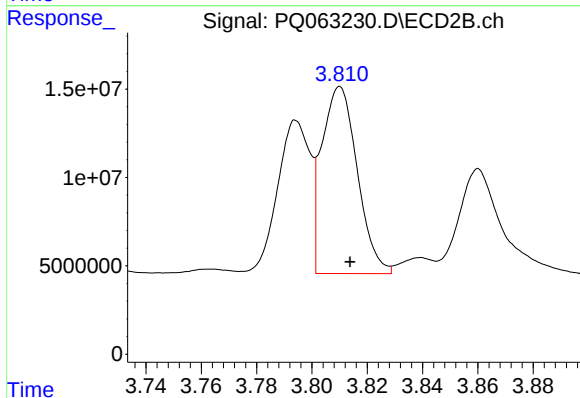
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 70508119
Conc: 488.22 ng/ml



#17 AR-1242-2

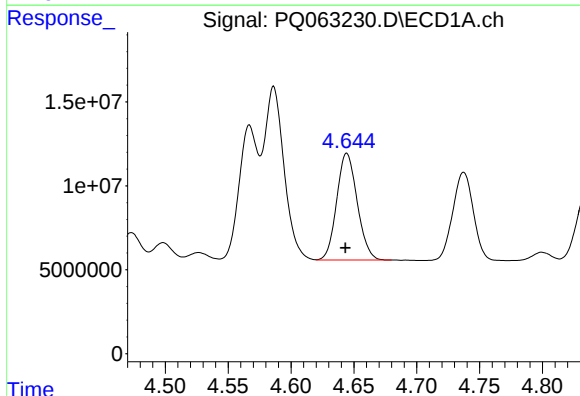
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 115291803
Conc: 478.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



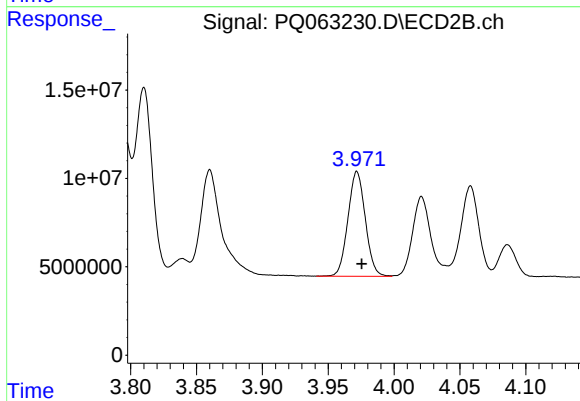
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 94578002
Conc: 497.84 ng/ml



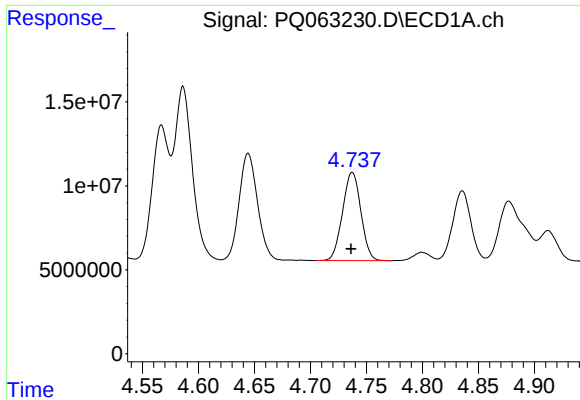
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 72101804
Conc: 492.22 ng/ml



#18 AR-1242-3

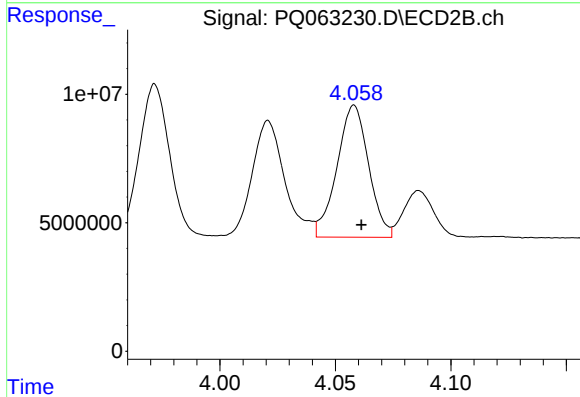
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 54473068
Conc: 504.71 ng/ml



#19 AR-1242-4

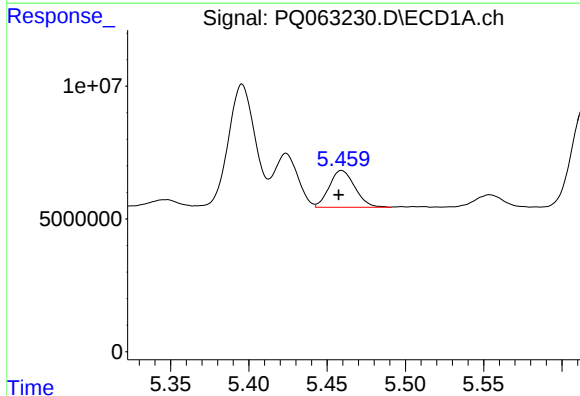
R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 59915794
Conc: 484.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



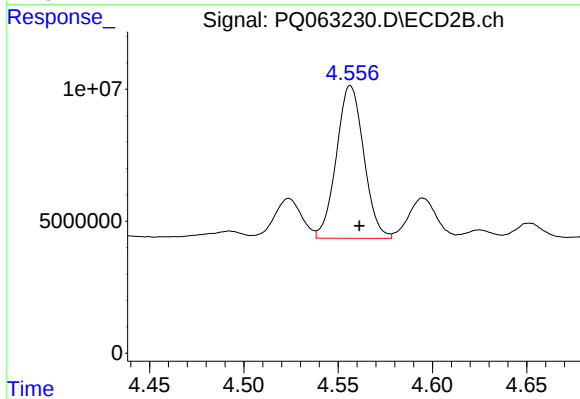
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 49022192
Conc: 492.05 ng/ml



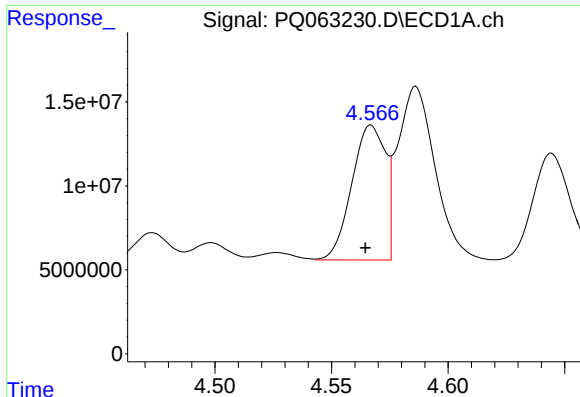
#20 AR-1242-5

R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 15783474
Conc: 119.43 ng/ml



#20 AR-1242-5

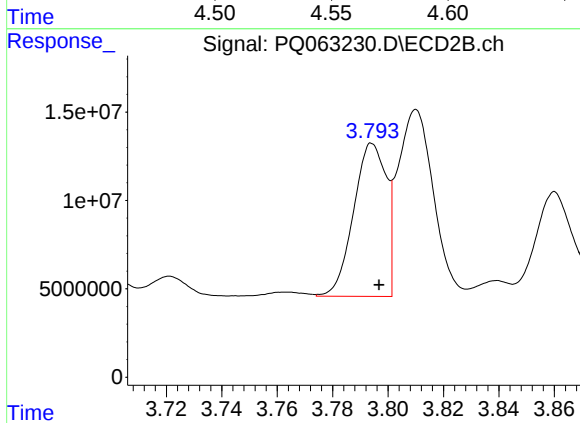
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 58484159
Conc: 432.56 ng/ml



#21 AR-1248-1

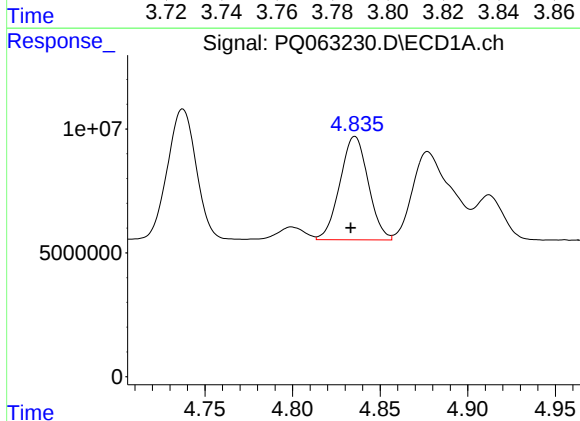
R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 80608828
Conc: 605.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



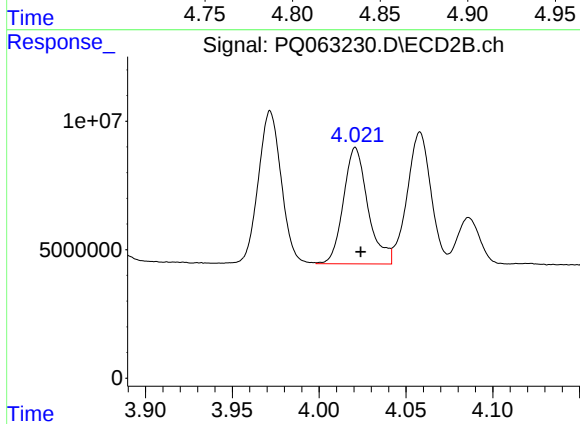
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 70508119
Conc: 631.18 ng/ml



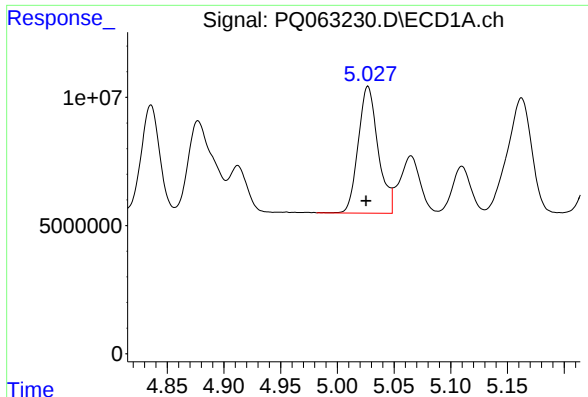
#22 AR-1248-2

R.T.: 4.836 min
Delta R.T.: 0.002 min
Response: 46992072
Conc: 268.91 ng/ml



#22 AR-1248-2

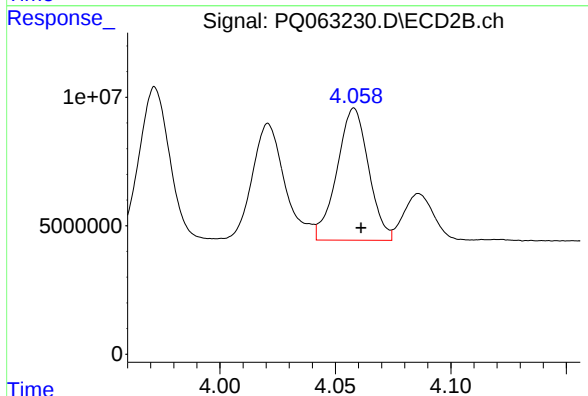
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 44564248
Conc: 282.20 ng/ml



#23 AR-1248-3

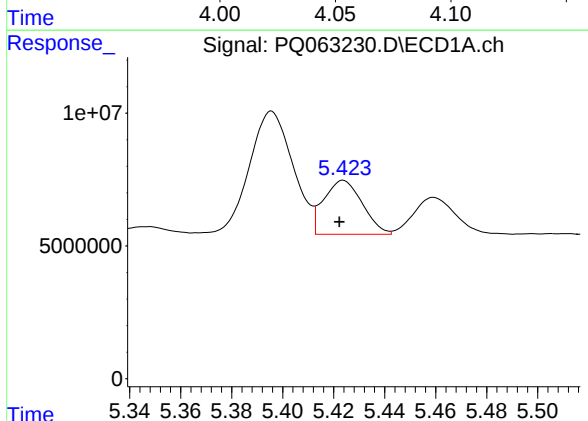
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 60405050
Conc: 285.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



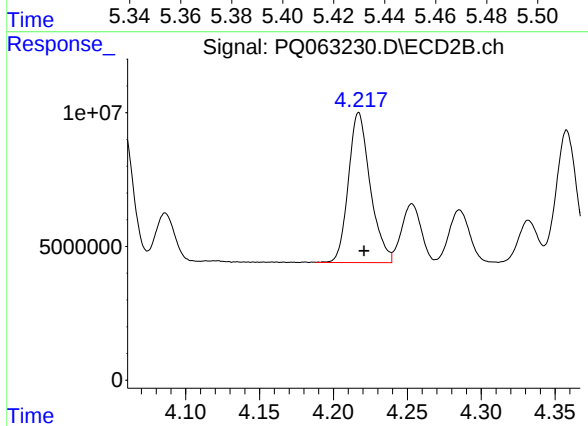
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 49022192
Conc: 321.46 ng/ml



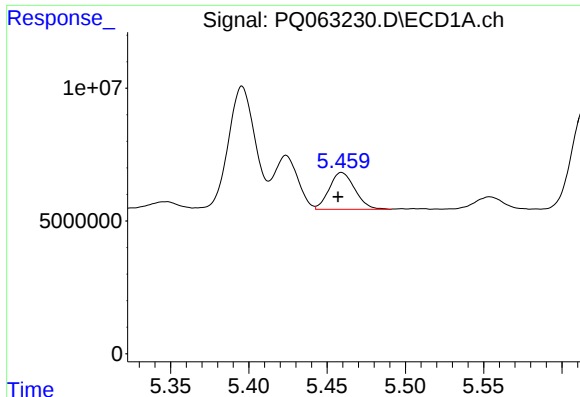
#24 AR-1248-4

R.T.: 5.424 min
Delta R.T.: 0.002 min
Response: 21354991
Conc: 89.63 ng/ml



#24 AR-1248-4

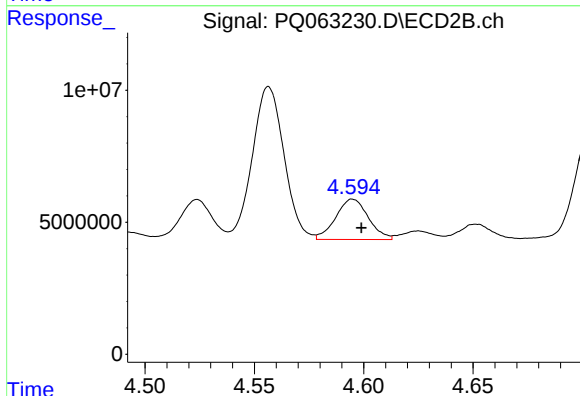
R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 57787243
Conc: 303.88 ng/ml



#25 AR-1248-5

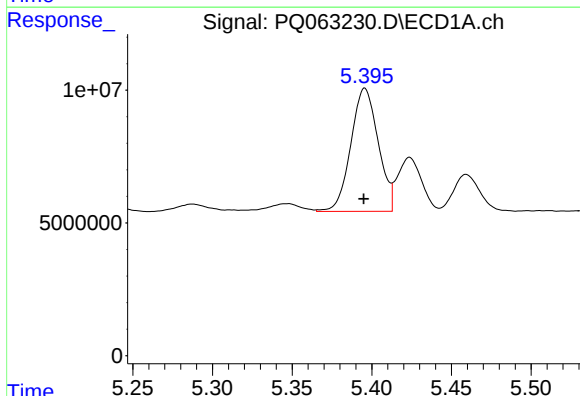
R.T.: 5.459 min
Delta R.T.: 0.002 min
Response: 15783474
Conc: 67.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



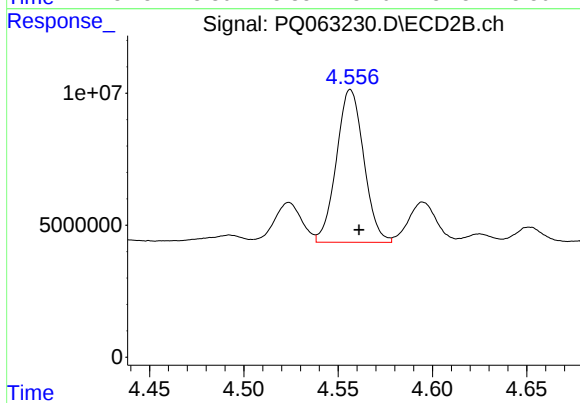
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 15917275
Conc: 82.30 ng/ml



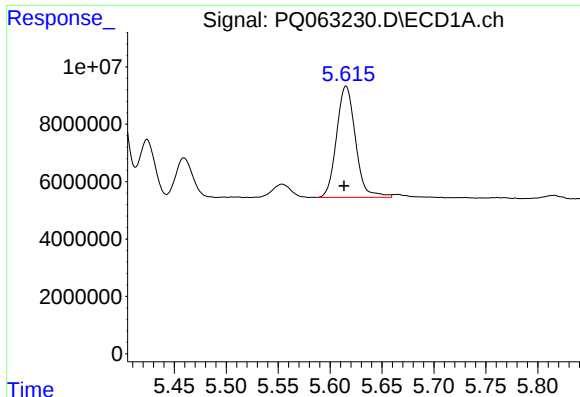
#26 AR-1254-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 55403065
Conc: 252.98 ng/ml



#26 AR-1254-1

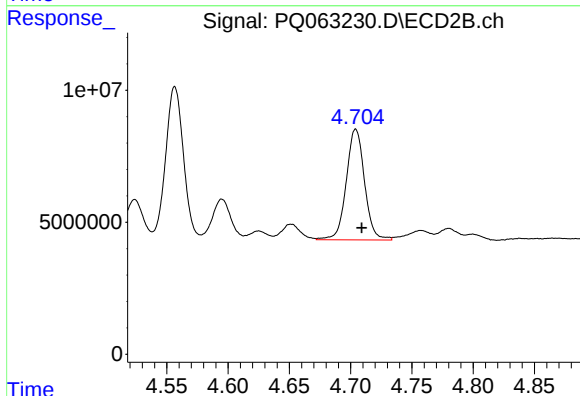
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 58484159
Conc: 217.97 ng/ml



#27 AR-1254-2

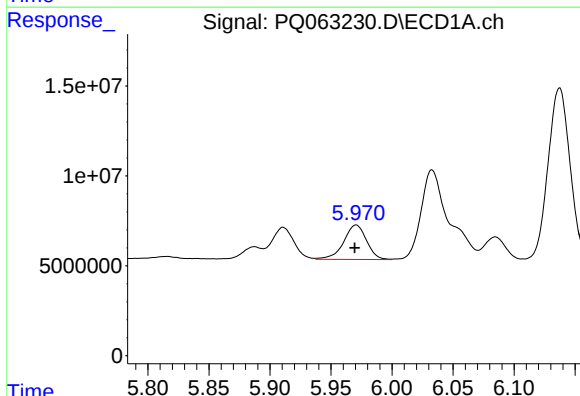
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 49299542
Conc: 145.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



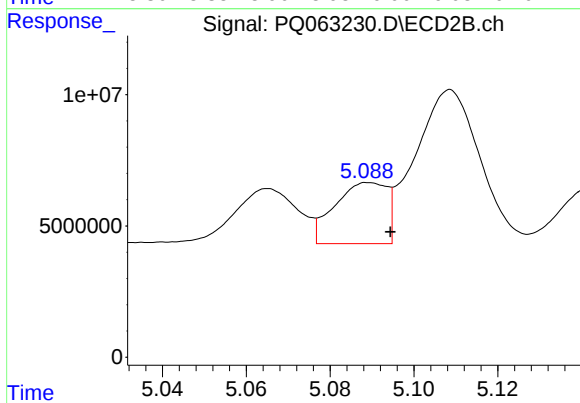
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 43657245
Conc: 186.00 ng/ml



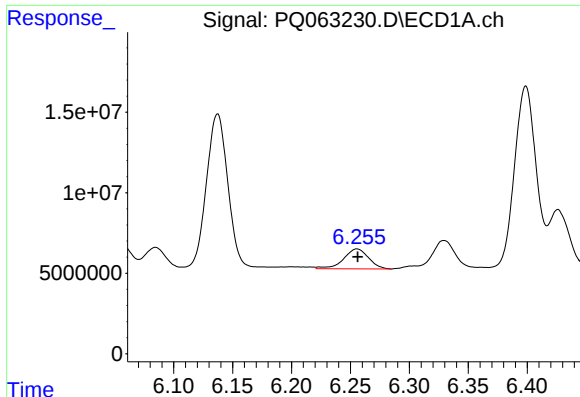
#28 AR-1254-3

R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 25165057
Conc: 70.19 ng/ml



#28 AR-1254-3

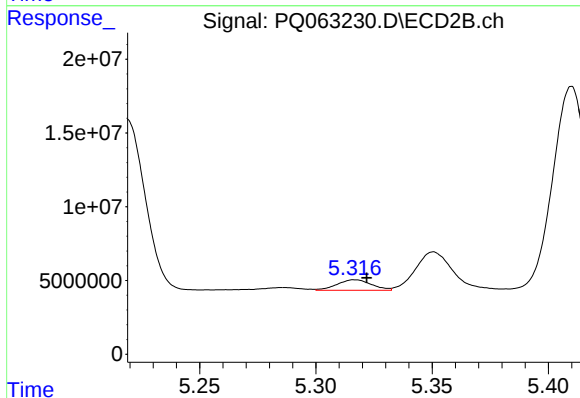
R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 20083537
Conc: 53.11 ng/ml



#29 AR-1254-4

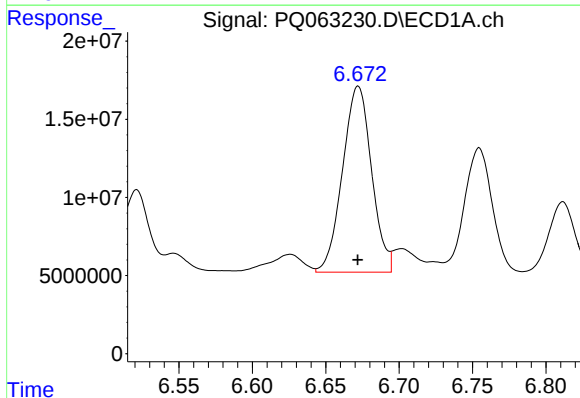
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 18282744
Conc: 67.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



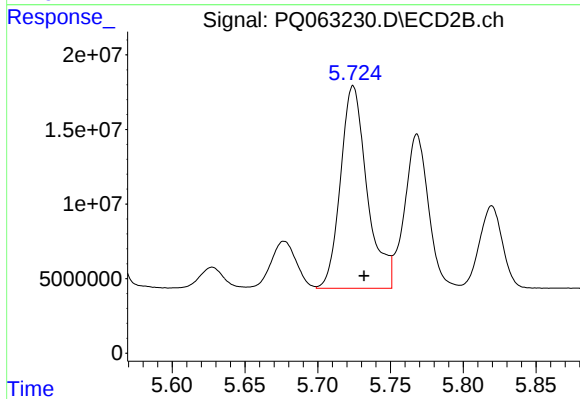
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 7424822
Conc: 30.39 ng/ml



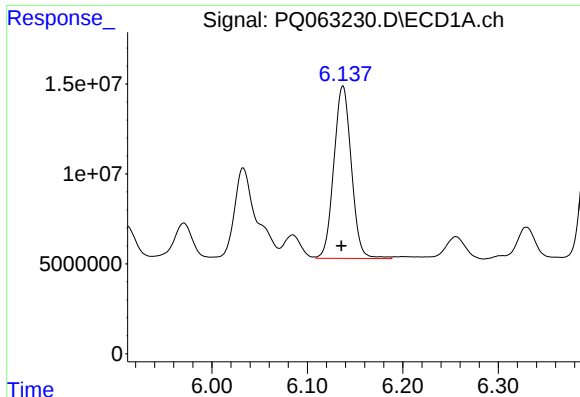
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 164036519
Conc: 593.41 ng/ml



#30 AR-1254-5

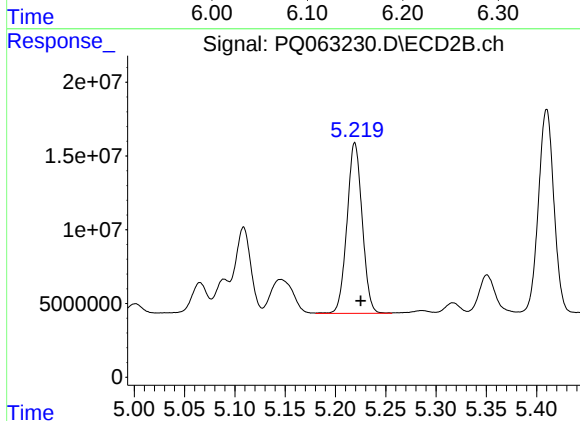
R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 172966492
Conc: 501.16 ng/ml



#31 AR-1260-1

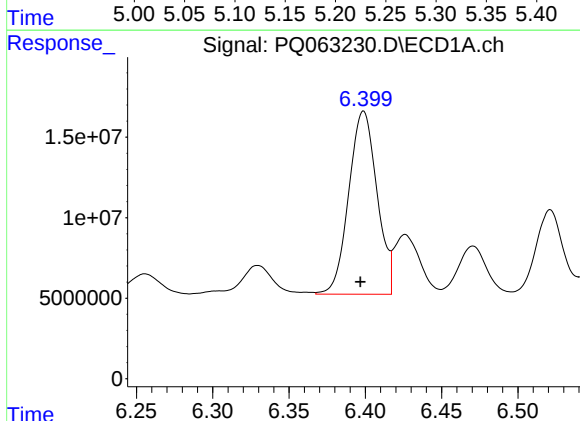
R.T.: 6.137 min
Delta R.T.: 0.002 min
Response: 122311191
Conc: 478.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



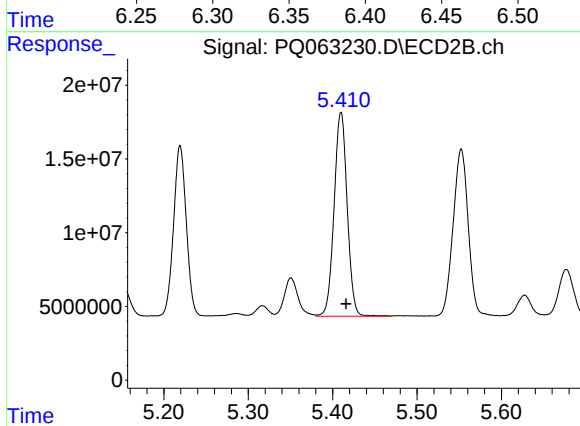
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 121827108
Conc: 488.13 ng/ml



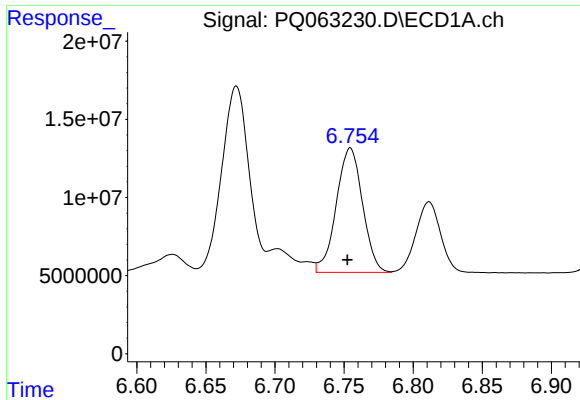
#32 AR-1260-2

R.T.: 6.399 min
Delta R.T.: 0.002 min
Response: 146446107
Conc: 482.50 ng/ml



#32 AR-1260-2

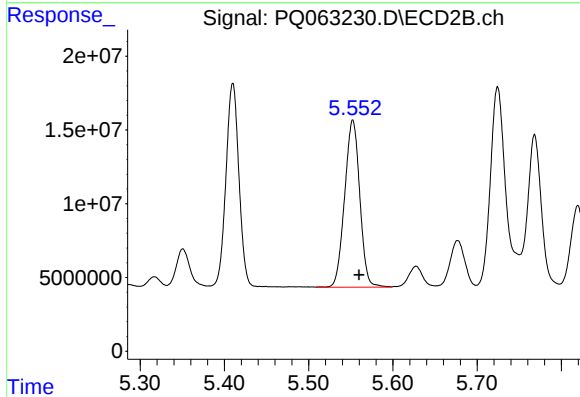
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 149189414
Conc: 484.42 ng/ml



#33 AR-1260-3

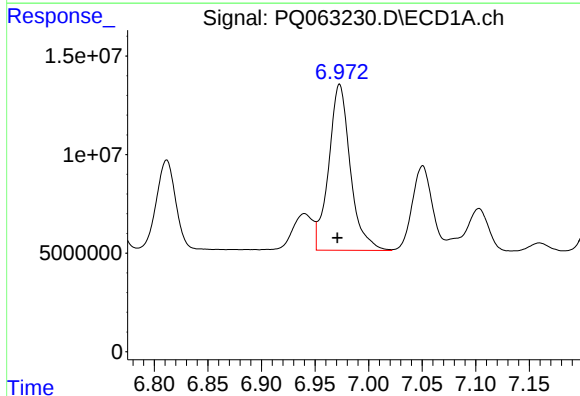
R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 105336940
Conc: 499.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



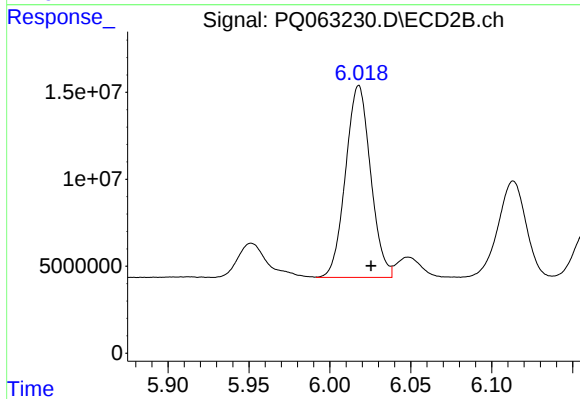
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 141344338
Conc: 456.14 ng/ml



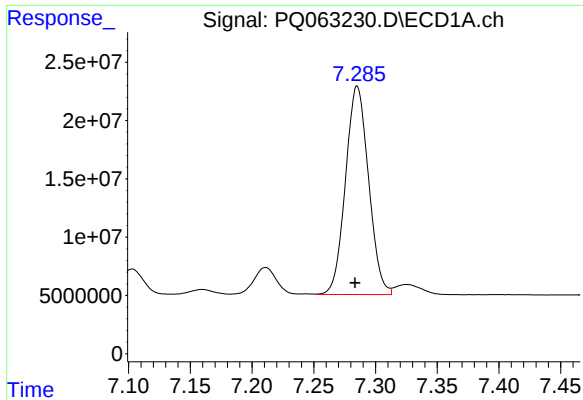
#34 AR-1260-4

R.T.: 6.973 min
Delta R.T.: 0.002 min
Response: 118268779
Conc: 493.50 ng/ml



#34 AR-1260-4

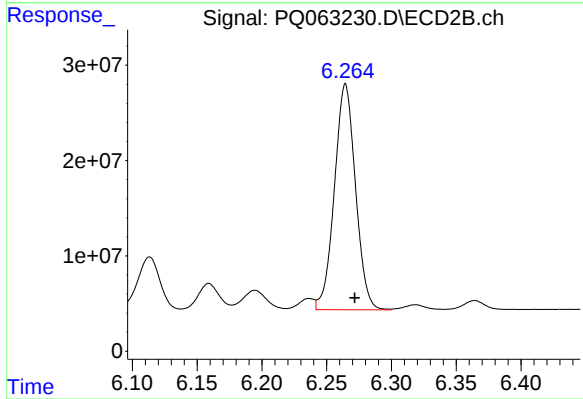
R.T.: 6.018 min
Delta R.T.: -0.008 min
Response: 118946116
Conc: 485.07 ng/ml



#35 AR-1260-5

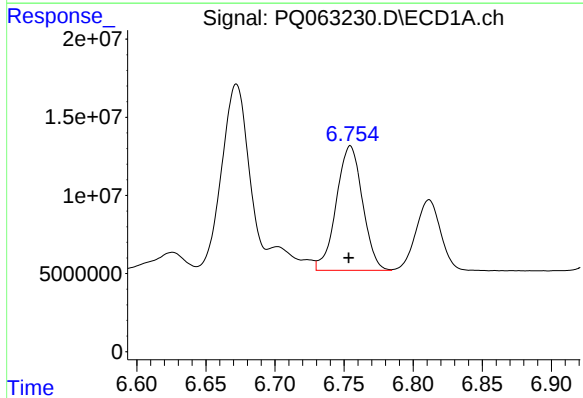
R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 232823628
Conc: 496.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



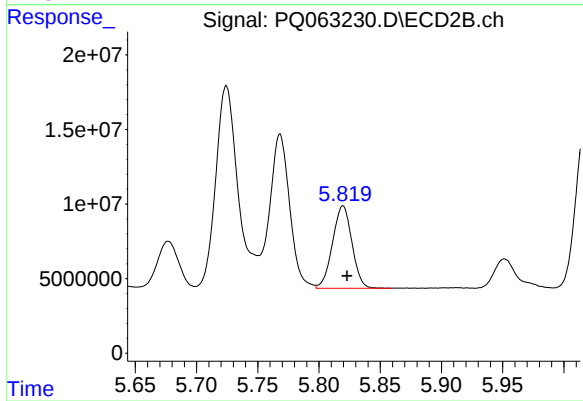
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 268590782
Conc: 491.45 ng/ml



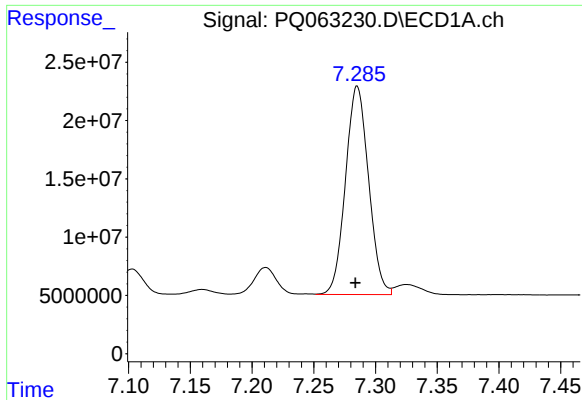
#36 AR-1262-1

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 105336940
Conc: 326.18 ng/ml



#36 AR-1262-1

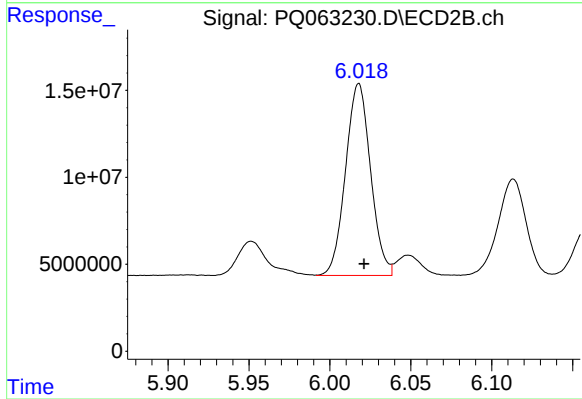
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 60943615
Conc: 426.82 ng/ml



#37 AR-1262-2

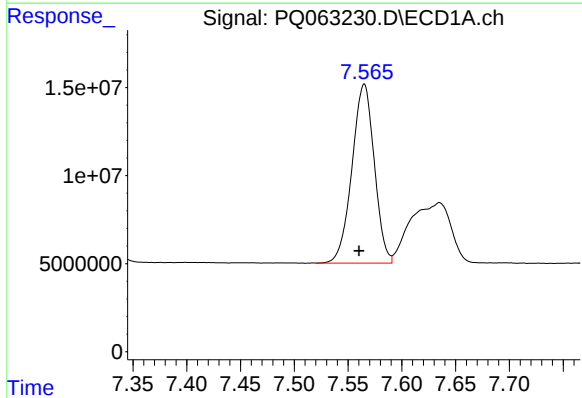
R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 232823628
Conc: 429.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



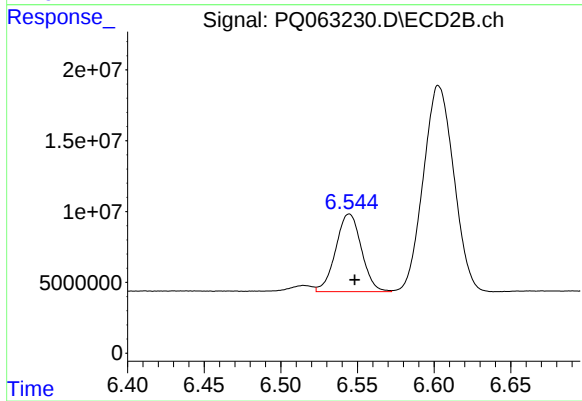
#37 AR-1262-2

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 118946116
Conc: 380.63 ng/ml



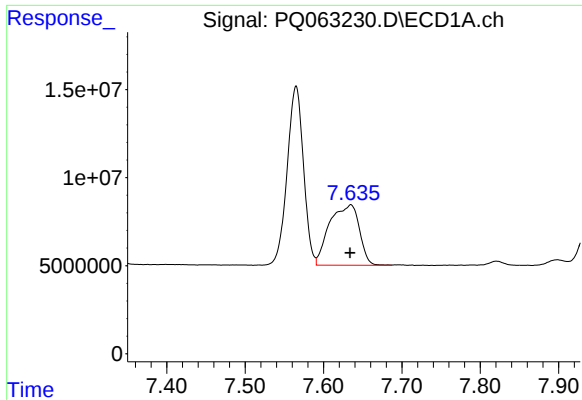
#38 AR-1262-3

R.T.: 7.565 min
Delta R.T.: 0.005 min
Response: 146881302
Conc: 406.63 ng/ml



#38 AR-1262-3

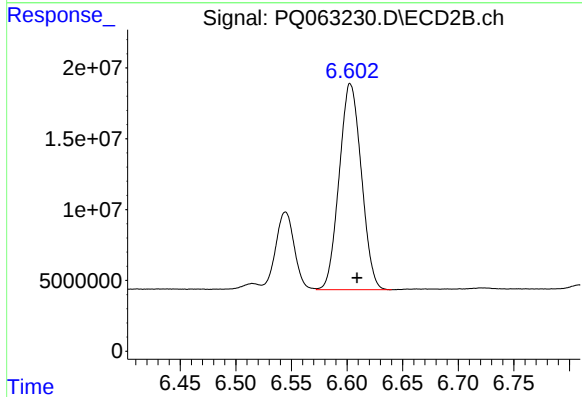
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 64018428
Conc: 253.95 ng/ml



#39 AR-1262-4

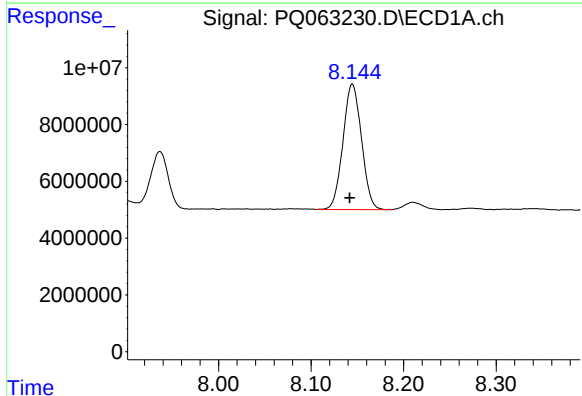
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 90637531
Conc: 323.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



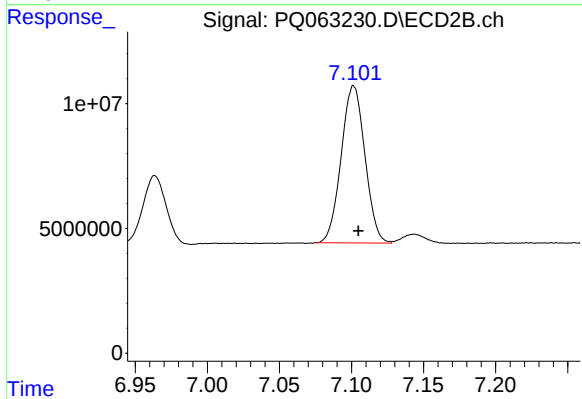
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 201754402
Conc: 431.55 ng/ml



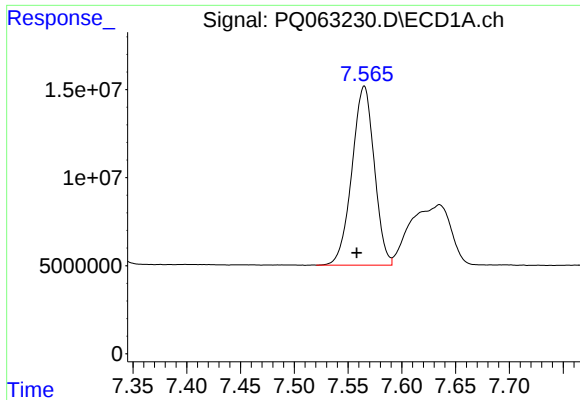
#40 AR-1262-5

R.T.: 8.145 min
Delta R.T.: 0.003 min
Response: 61481369
Conc: 327.10 ng/ml



#40 AR-1262-5

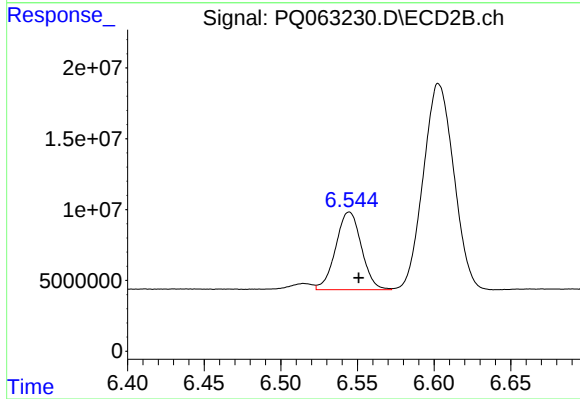
R.T.: 7.101 min
Delta R.T.: -0.003 min
Response: 71948855
Conc: 327.44 ng/ml



#41 AR-1268-1

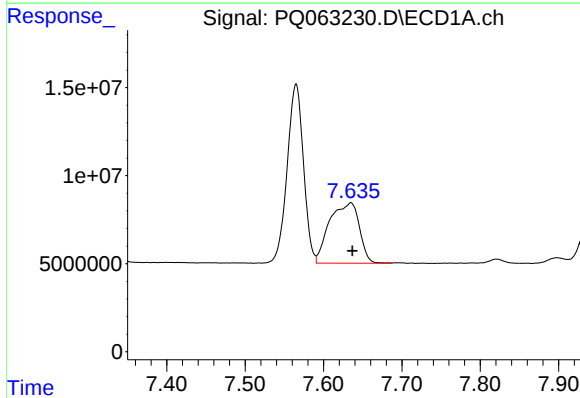
R.T.: 7.565 min
Delta R.T.: 0.007 min
Response: 146881302
Conc: 227.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



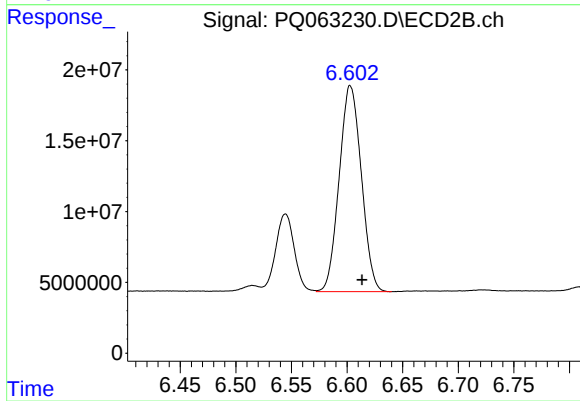
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 64018428
Conc: 85.78 ng/ml



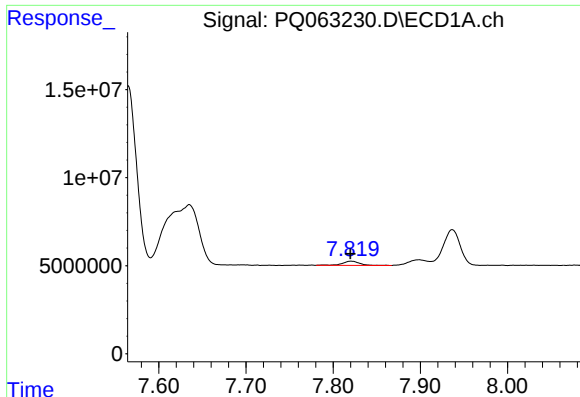
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 90637531
Conc: 151.14 ng/ml



#42 AR-1268-2

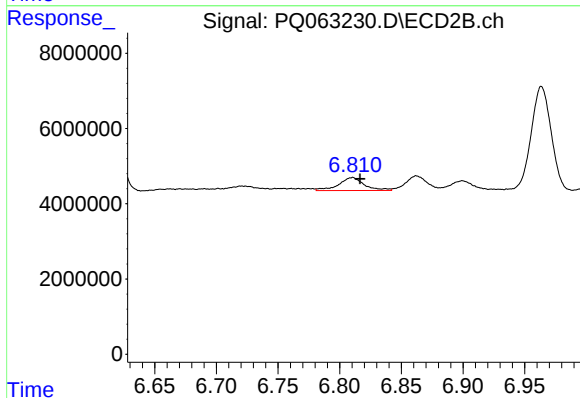
R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 201754402
Conc: 293.83 ng/ml



#43 AR-1268-3

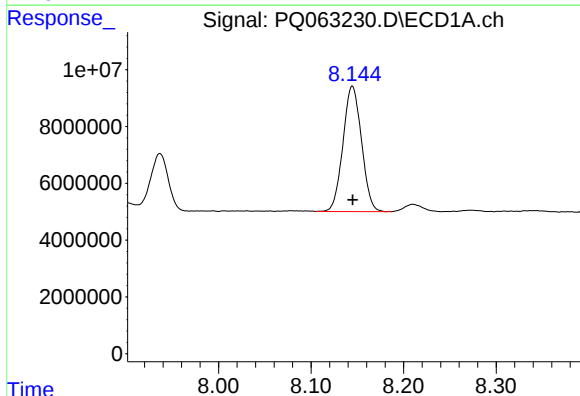
R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 3385499
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



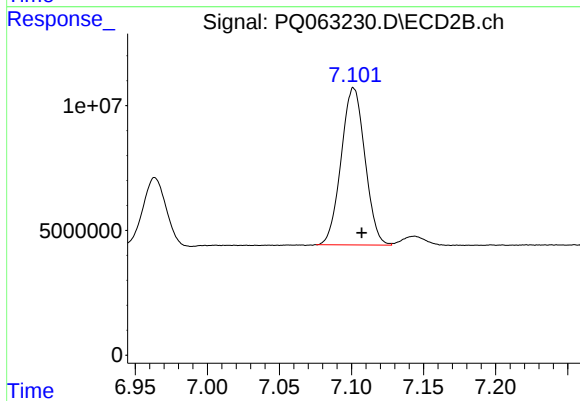
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 4997926
Conc: 8.52 ng/ml



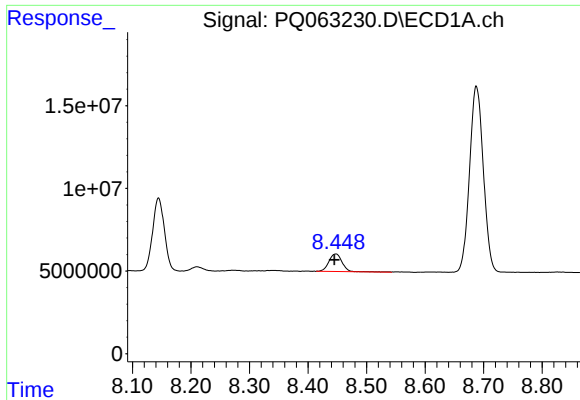
#44 AR-1268-4

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 61481369
Conc: 286.58 ng/ml



#44 AR-1268-4

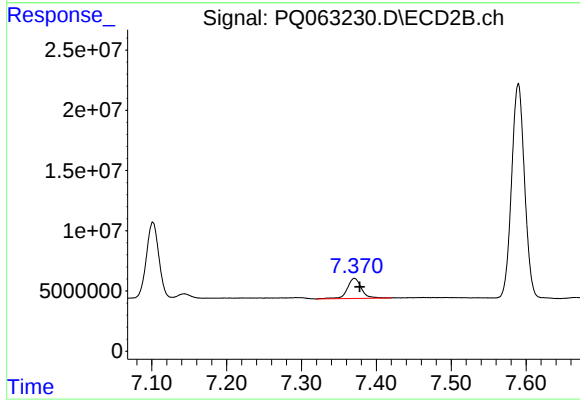
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 71948855
Conc: 282.55 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 16751631
Conc: 10.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 21687340
Conc: 12.24 ng/ml