

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082123\
 Data File : PQ063103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 09:35
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:26:11 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	262.8E6	183.2E6	48.910	44.413
2)	SA Decachlor...	8.689	7.592	214.7E6	205.5E6	55.449	47.504
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	83534169	62631440	429.319	393.003
4)	L1 AR-1016-2	4.586	3.811	119.1E6	84389472	429.081	394.947
5)	L1 AR-1016-3	4.644	3.972	74229943	48245544	434.084	403.536
6)	L1 AR-1016-4	4.737	4.021	61036527	39366563	433.716	405.731
7)	L1 AR-1016-5	5.026	4.217	61826175	51162342	449.339	406.568
8)	L2 AR-1221-1	3.651	2.986	9902856	8248727	145.531	150.327
9)	L2 AR-1221-2	3.736	3.064	12118274	9111482	253.992	241.563
10)	L2 AR-1221-3	3.806	3.133	46902989	34423581	303.915	286.091
11)	L3 AR-1232-1	3.806	3.133	46902989	34423581	363.024	353.296
12)	L3 AR-1232-2	4.305	3.811	64271545	84389472	921.534	867.554
13)	L3 AR-1232-3	4.586	3.972	119.1E6	48245544	974.370	908.627
14)	L3 AR-1232-4	4.737	4.058	61036527	44205646	1011.561	963.124
15)	L3 AR-1232-5	4.834	4.217	47073002	51162342	1078.507	943.560
16)	L4 AR-1242-1	4.566	3.794	83534169	62631440	494.936	433.682
17)	L4 AR-1242-2	4.586	3.811	119.1E6	84389472	493.695	444.206
18)	L4 AR-1242-3	4.644	3.972	74229943	48245544	506.753	447.011
19)	L4 AR-1242-4	4.737	4.058	61036527	44205646	493.272	443.702
20)	L4 AR-1242-5	5.458	4.557	63938767	60481143	483.807	447.329
21)	L5 AR-1248-1	4.566	3.794	83534169	62631440	627.368	560.670
22)	L5 AR-1248-2	4.834	4.021	47073002	39366563	269.369	249.288
23)	L5 AR-1248-3	5.026	4.058	61826175	44205646	292.360	289.874
24)	L5 AR-1248-4	5.423	4.217	59578013	51162342	250.054	269.047
25)	L5 AR-1248-5	5.458	4.595	63938767	52188555	275.145	269.835
26)	L6 AR-1254-1	5.394	4.557	45281068	60481143	206.758	225.414
27)	L6 AR-1254-2	5.612	4.704	63368859	14403631	187.124	61.367 #
28)	L6 AR-1254-3	5.970	5.089	59114479	21001425	164.887	55.534 #
29)	L6 AR-1254-4	6.258	5.317	576.5E6	17014408	2127.779	69.645 #
30)	L6 AR-1254-5	6.671	5.725	7559742	5897552	27.348	17.088 #
31)	L7 AR-1260-1	6.088f	5.223	141.1E6	10190653	552.150	40.832 #
32)	L7 AR-1260-2	0.000	5.409	0	2863625	N.D.	9.298 #
33)	L7 AR-1260-3	0.000	5.548	0	2792474	N.D.	9.012 #
34)	L7 AR-1260-4	6.949	6.049	1799680	2968496	7.509	12.106 #
35)	L7 AR-1260-5	7.287	6.265	862532	666299	1.838	1.219 #
36)	L8 AR-1262-1	0.000	5.822	0	120553	N.D.	0.844 #
37)	L8 AR-1262-2	7.287	6.049f	862532	2968496	1.589	9.499 #
38)	L8 AR-1262-3	0.000	6.550	0	4969691	N.D.	19.714 #
39)	L8 AR-1262-4	0.000	6.639f	0	15785369	N.D.	33.765 #
41)	L9 AR-1268-1	0.000	6.550	0	4969691	N.D.	6.659 #
42)	L9 AR-1268-2	0.000	6.639f	0	15785369	N.D.	22.989 #

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 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

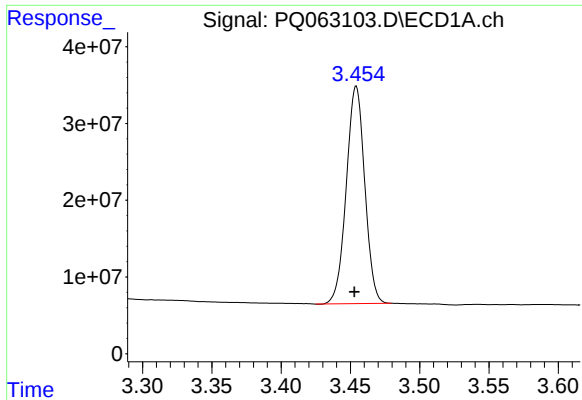
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:26:11 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
43) L9	AR-1268-3	0.000	6.807	0	2202879	N.D.	3.753 #
45) L9	AR-1268-5	8.446	7.372	755583	1993068	0.490	1.125 #

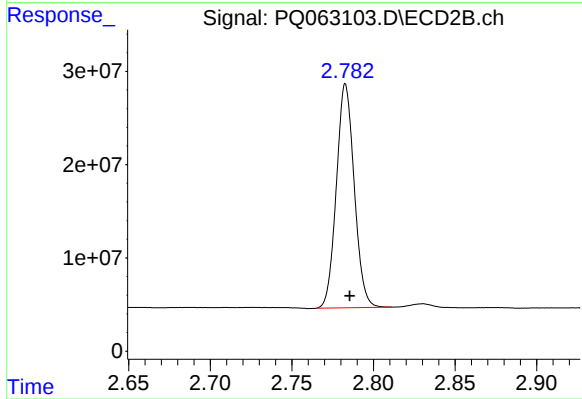
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

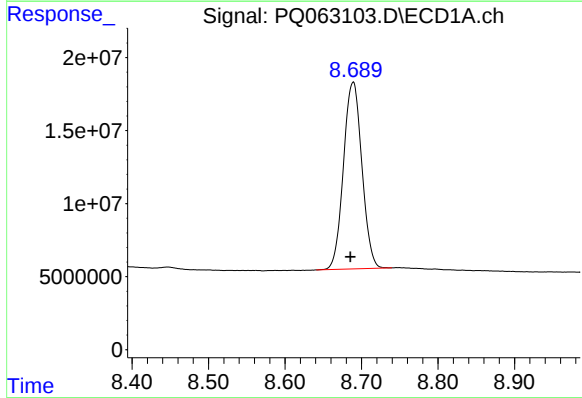
R.T.: 3.454 min
Delta R.T.: 0.001 min
Response: 262814352
Conc: 48.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



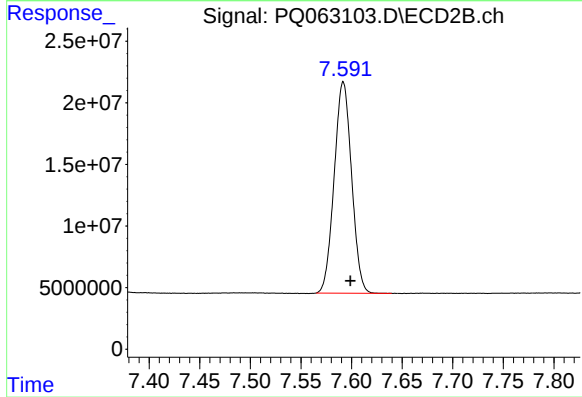
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 183171224
Conc: 44.41 ng/ml



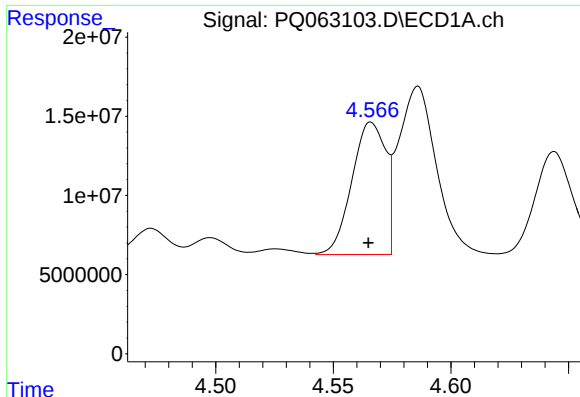
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: 0.004 min
Response: 214688864
Conc: 55.45 ng/ml



#2 Decachlorobiphenyl

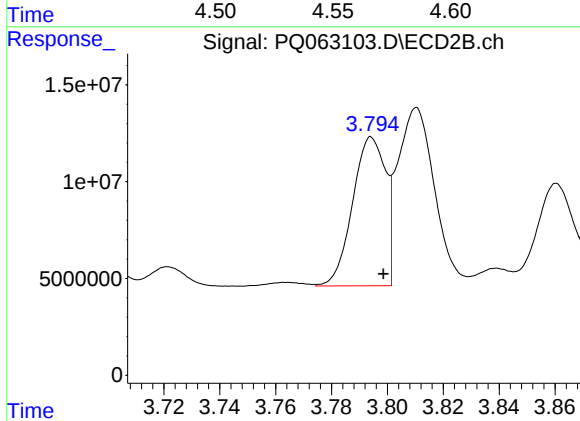
R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 205474150
Conc: 47.50 ng/ml



#3 AR-1016-1

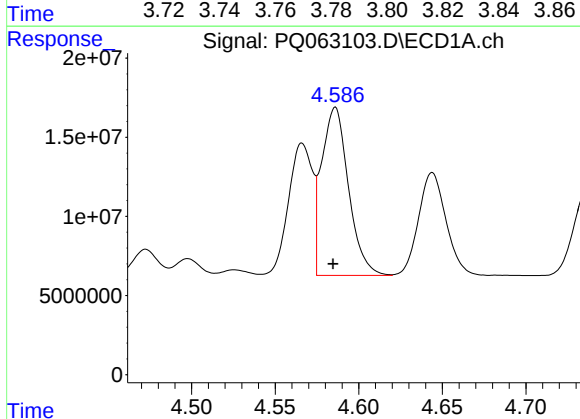
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 83534169
Conc: 429.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



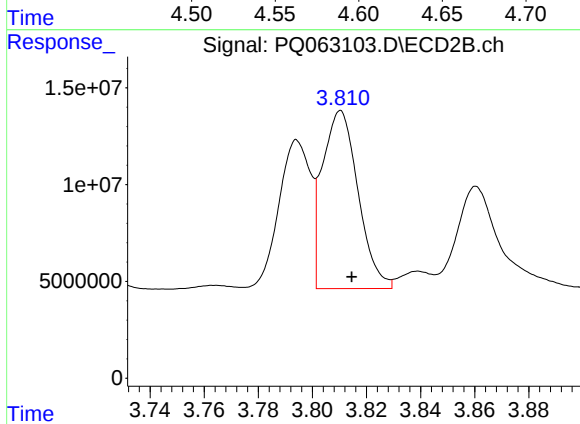
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 62631440
Conc: 393.00 ng/ml



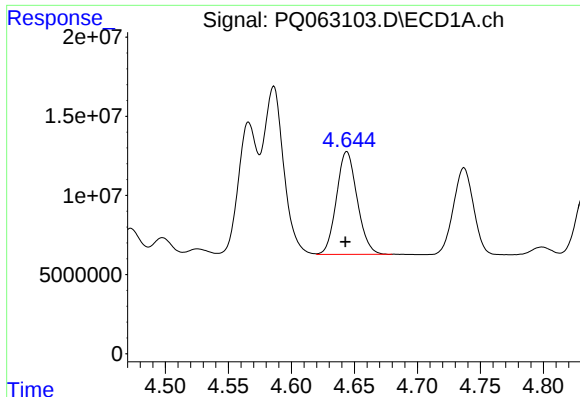
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 119059979
Conc: 429.08 ng/ml



#4 AR-1016-2

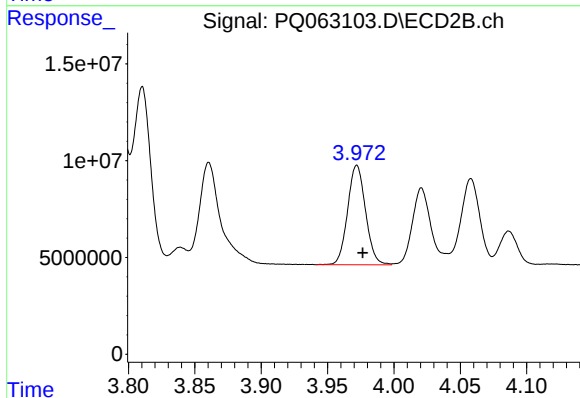
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 84389472
Conc: 394.95 ng/ml



#5 AR-1016-3

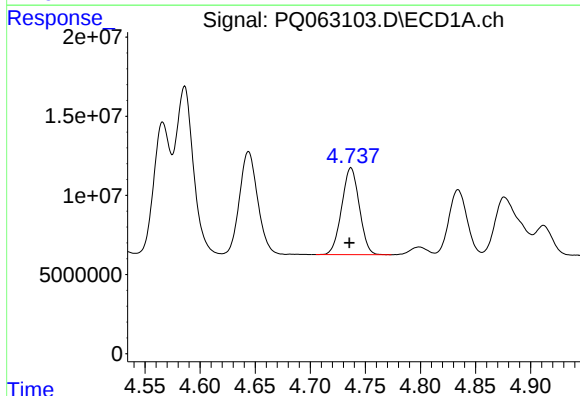
R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 74229943
Conc: 434.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



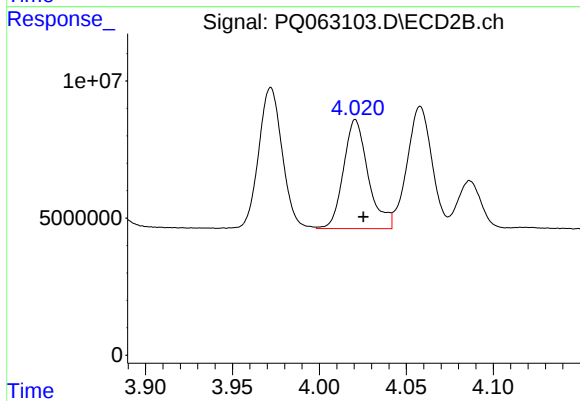
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 48245544
Conc: 403.54 ng/ml



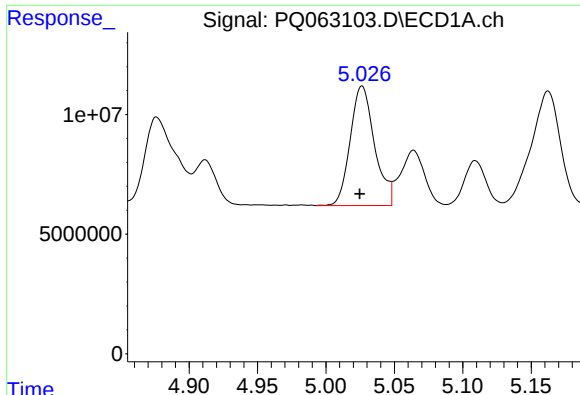
#6 AR-1016-4

R.T.: 4.737 min
Delta R.T.: 0.002 min
Response: 61036527
Conc: 433.72 ng/ml



#6 AR-1016-4

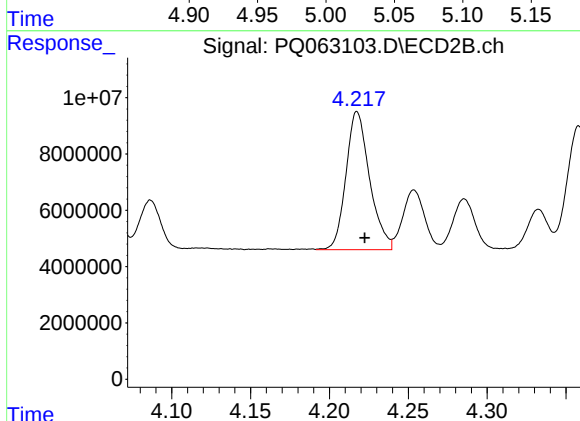
R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 39366563
Conc: 405.73 ng/ml



#7 AR-1016-5

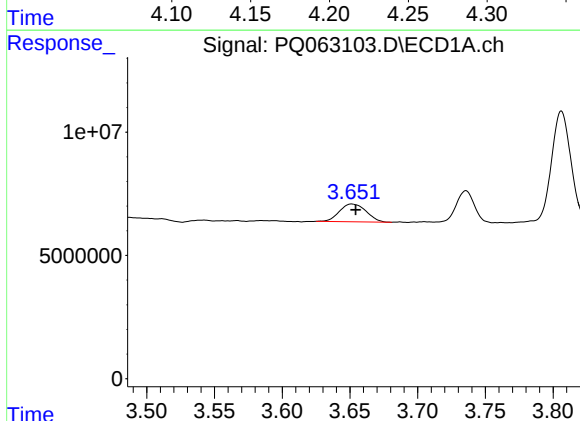
R.T.: 5.026 min
Delta R.T.: 0.002 min
Response: 61826175
Conc: 449.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



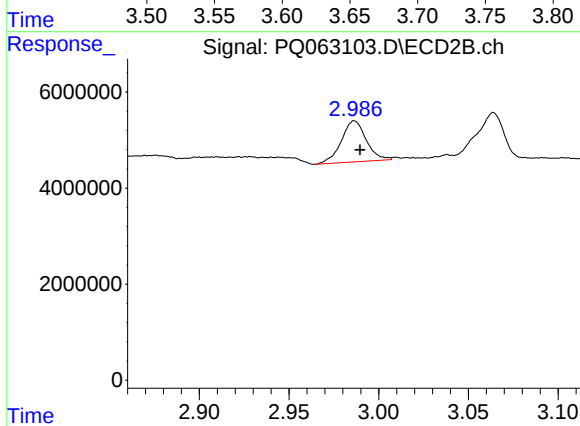
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 51162342
Conc: 406.57 ng/ml



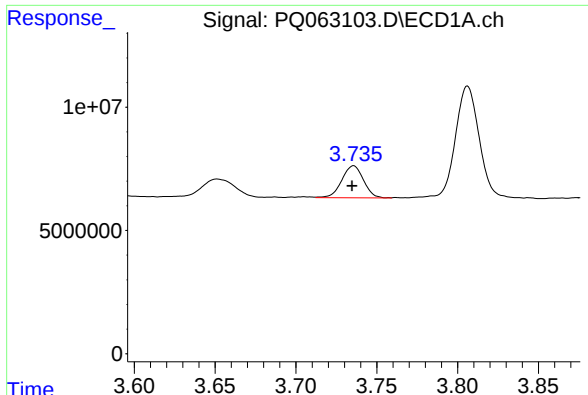
#8 AR-1221-1

R.T.: 3.651 min
Delta R.T.: -0.003 min
Response: 9902856
Conc: 145.53 ng/ml



#8 AR-1221-1

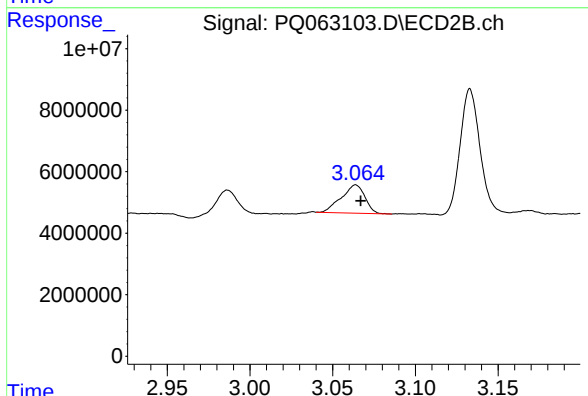
R.T.: 2.986 min
Delta R.T.: -0.003 min
Response: 8248727
Conc: 150.33 ng/ml



#9 AR-1221-2

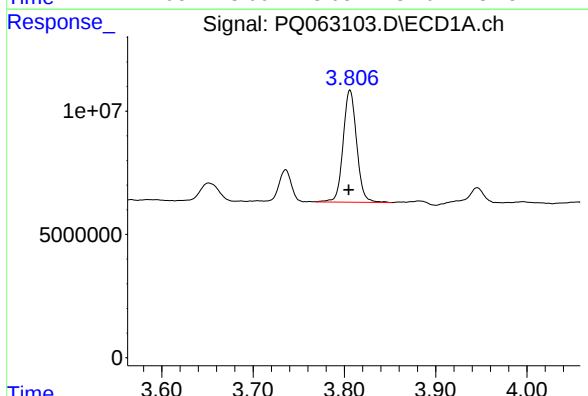
R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 12118274
Conc: 253.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



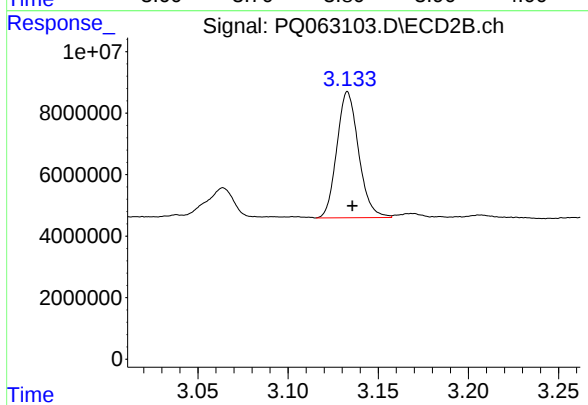
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 9111482
Conc: 241.56 ng/ml



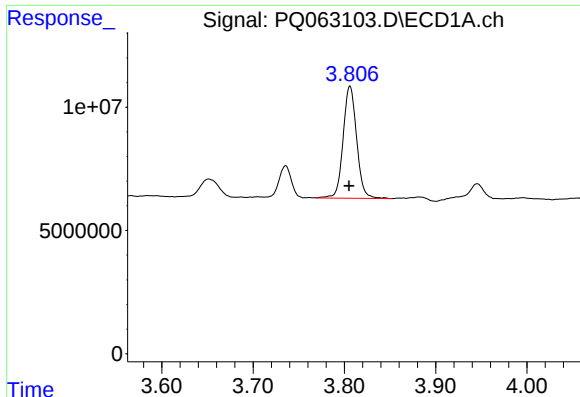
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 46902989
Conc: 303.91 ng/ml



#10 AR-1221-3

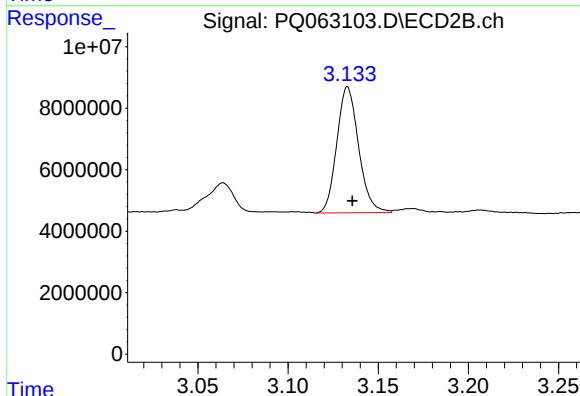
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 34423581
Conc: 286.09 ng/ml



#11 AR-1232-1

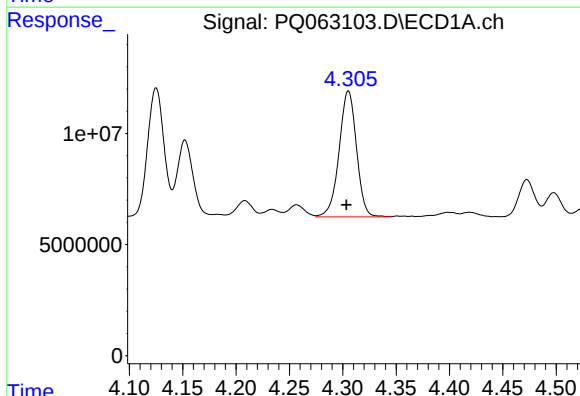
R.T.: 3.806 min
Delta R.T.: 0.001 min
Response: 46902989
Conc: 363.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



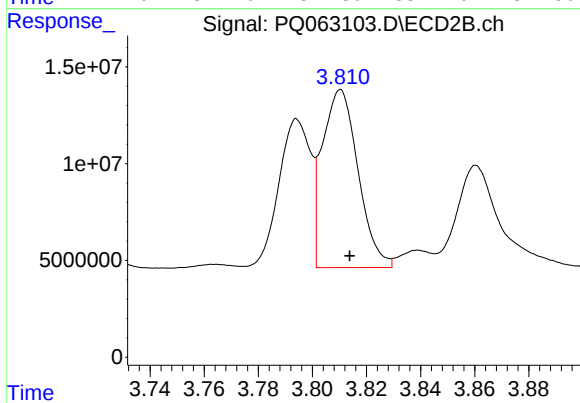
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 34423581
Conc: 353.30 ng/ml



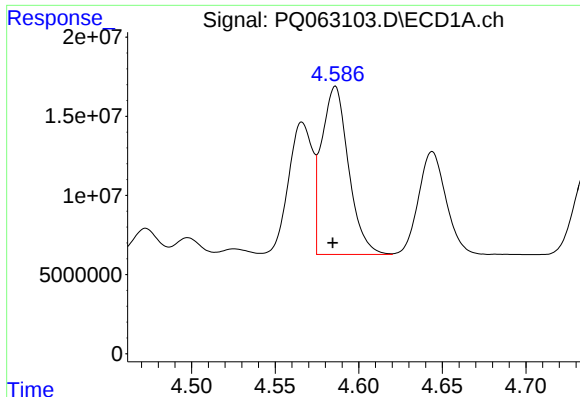
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 64271545
Conc: 921.53 ng/ml



#12 AR-1232-2

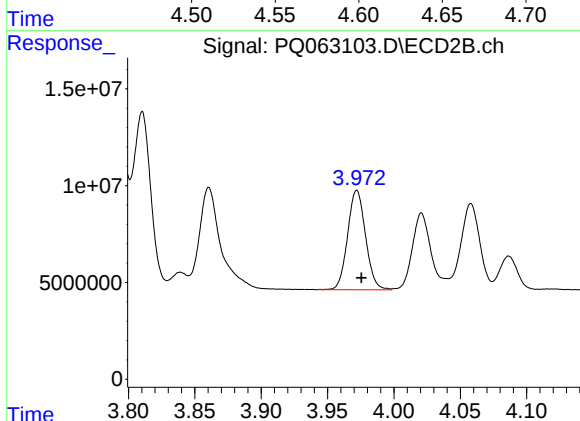
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 84389472
Conc: 867.55 ng/ml



#13 AR-1232-3

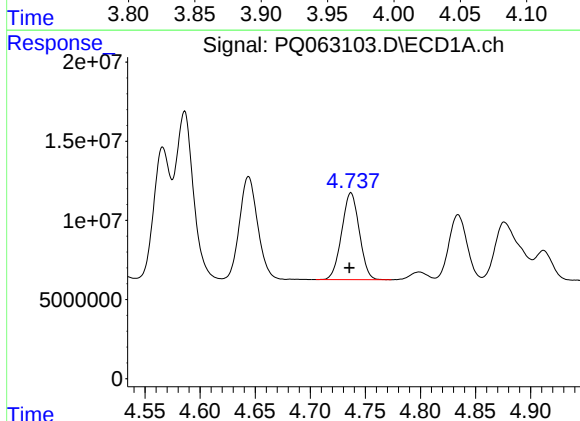
R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 119059979
Conc: 974.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



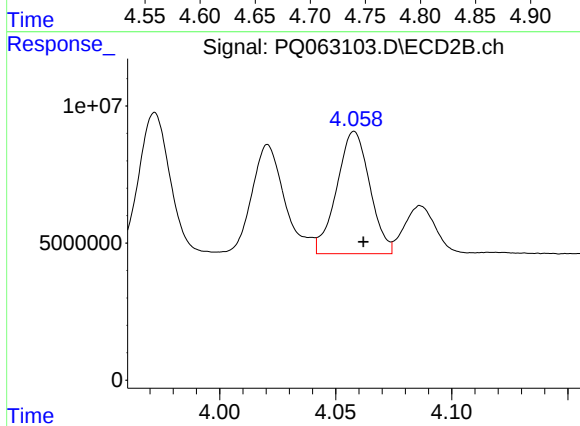
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 48245544
Conc: 908.63 ng/ml



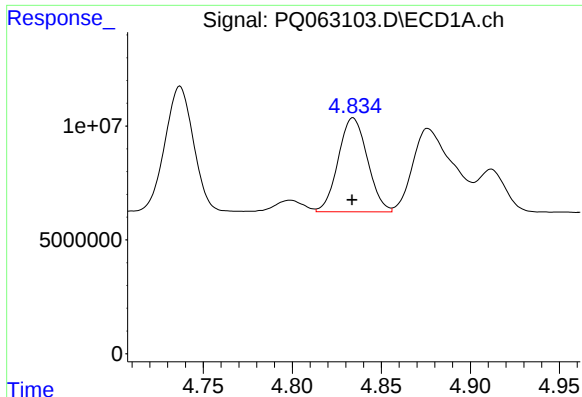
#14 AR-1232-4

R.T.: 4.737 min
Delta R.T.: 0.001 min
Response: 61036527
Conc: 1011.56 ng/ml



#14 AR-1232-4

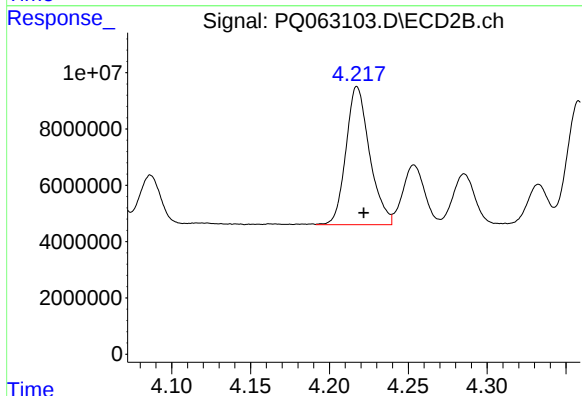
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 44205646
Conc: 963.12 ng/ml



#15 AR-1232-5

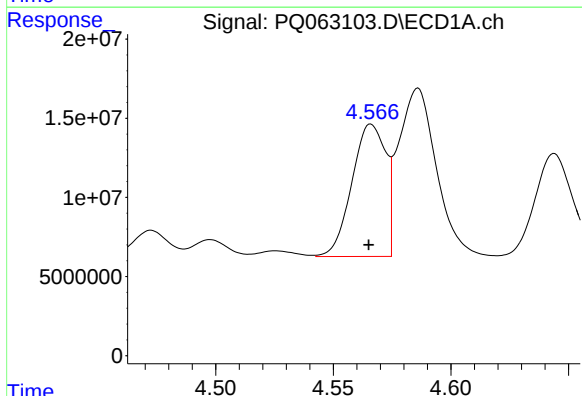
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 47073002
Conc: 1078.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



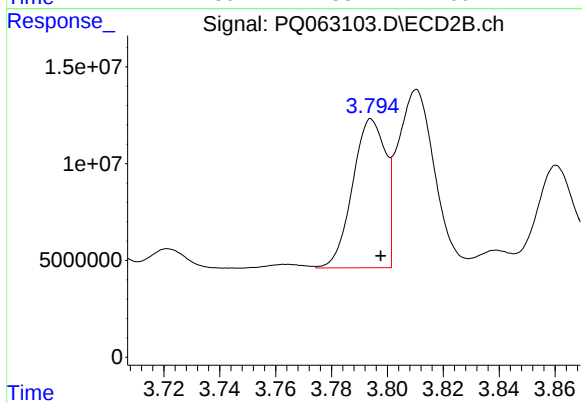
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 51162342
Conc: 943.56 ng/ml



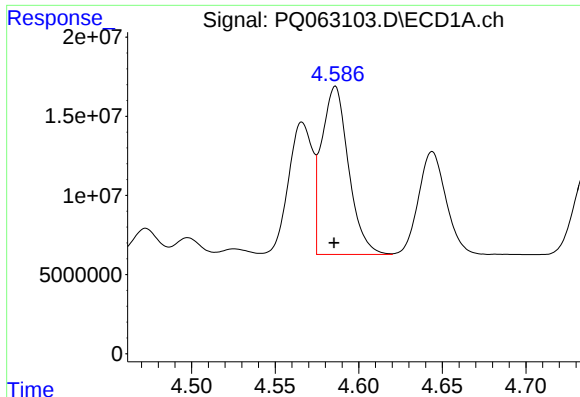
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 83534169
Conc: 494.94 ng/ml



#16 AR-1242-1

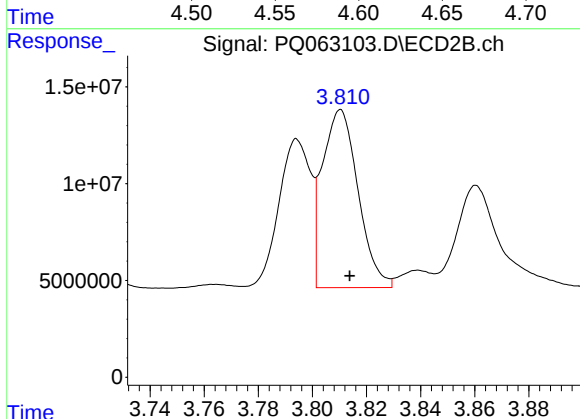
R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 62631440
Conc: 433.68 ng/ml



#17 AR-1242-2

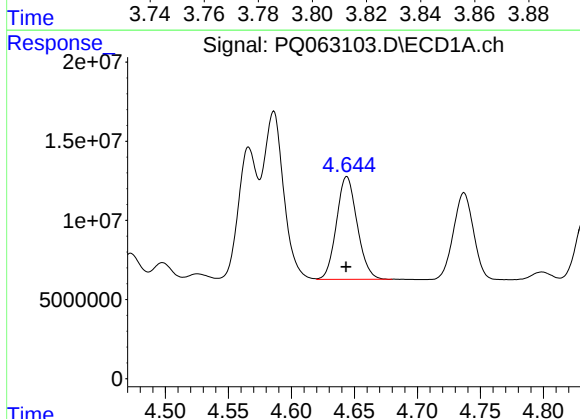
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 119059979
Conc: 493.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



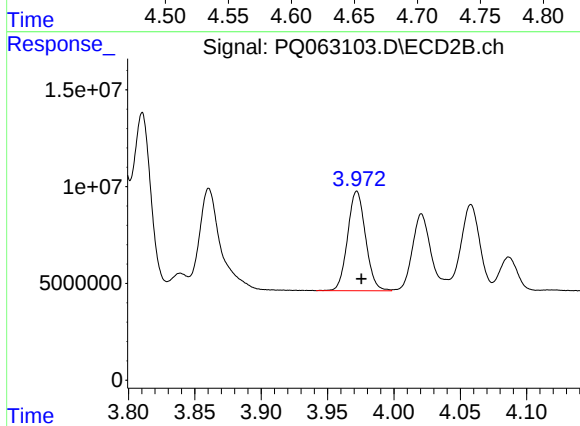
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 84389472
Conc: 444.21 ng/ml



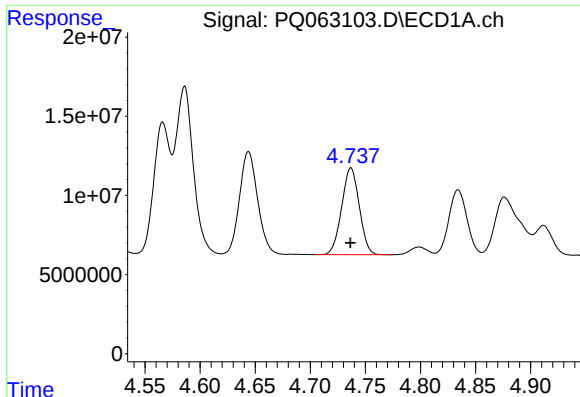
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 74229943
Conc: 506.75 ng/ml



#18 AR-1242-3

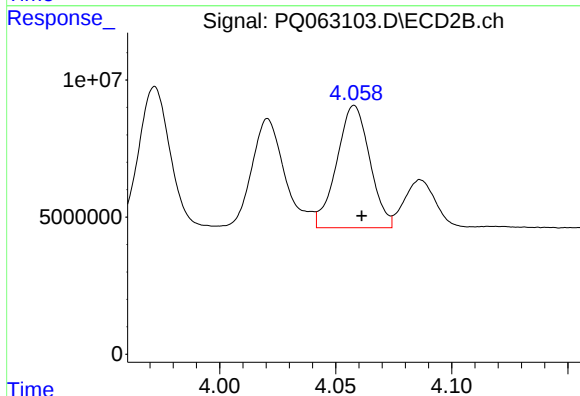
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 48245544
Conc: 447.01 ng/ml



#19 AR-1242-4

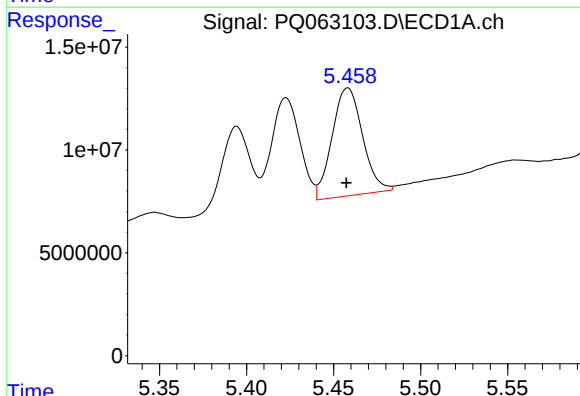
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 61036527
Conc: 493.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



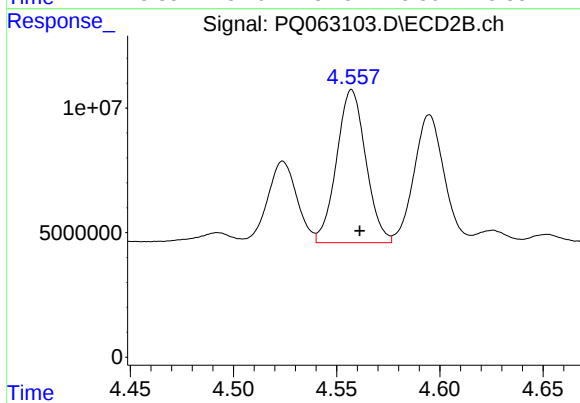
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 44205646
Conc: 443.70 ng/ml



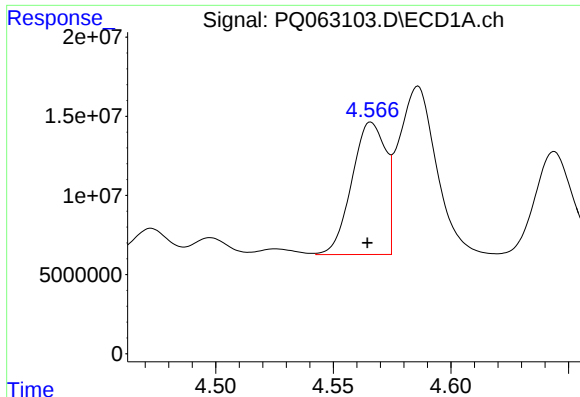
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 63938767
Conc: 483.81 ng/ml



#20 AR-1242-5

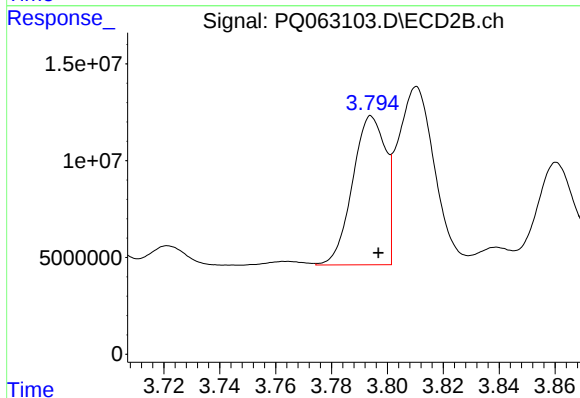
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 60481143
Conc: 447.33 ng/ml



#21 AR-1248-1

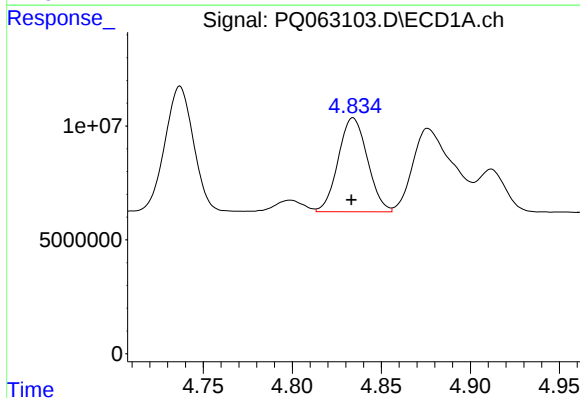
R.T.: 4.566 min
Delta R.T.: 0.002 min
Response: 83534169
Conc: 627.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



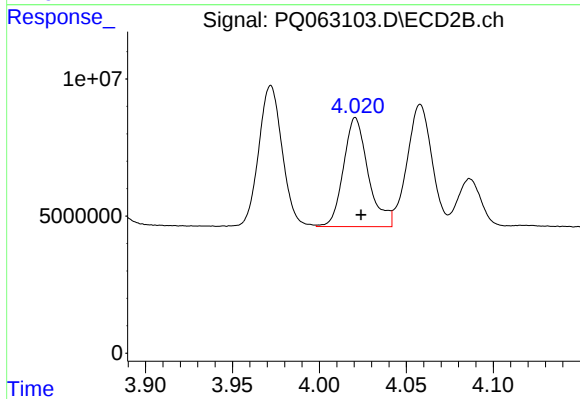
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 62631440
Conc: 560.67 ng/ml



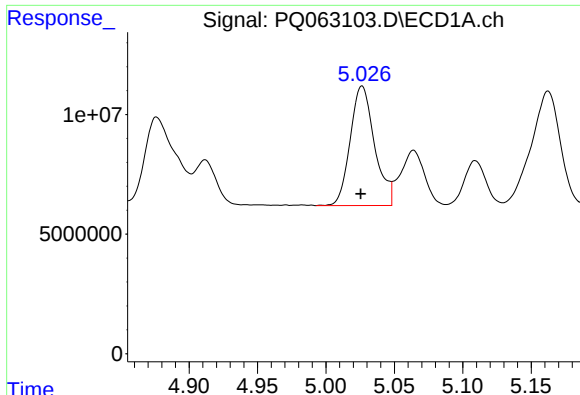
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 47073002
Conc: 269.37 ng/ml



#22 AR-1248-2

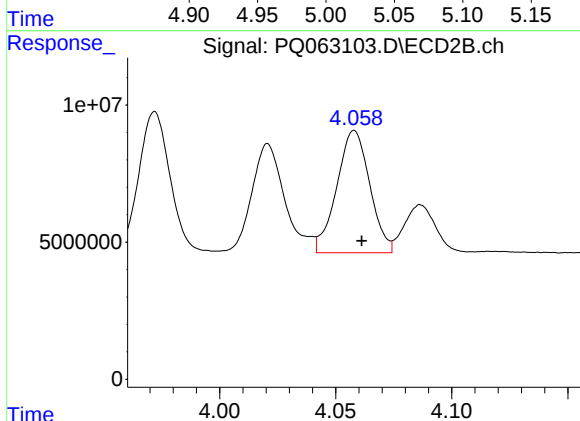
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 39366563
Conc: 249.29 ng/ml



#23 AR-1248-3

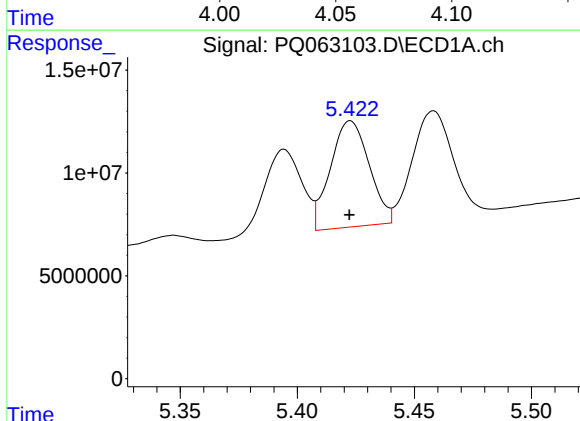
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 61826175
Conc: 292.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



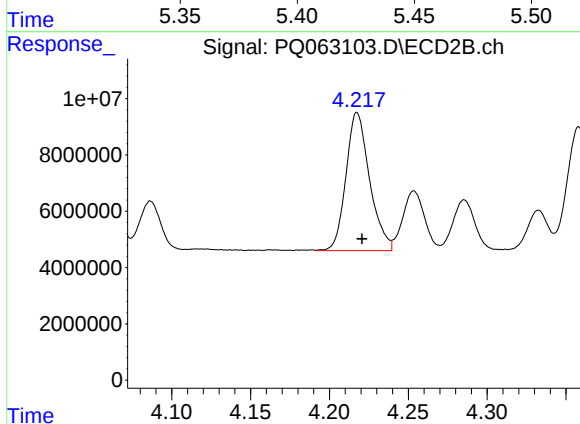
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 44205646
Conc: 289.87 ng/ml



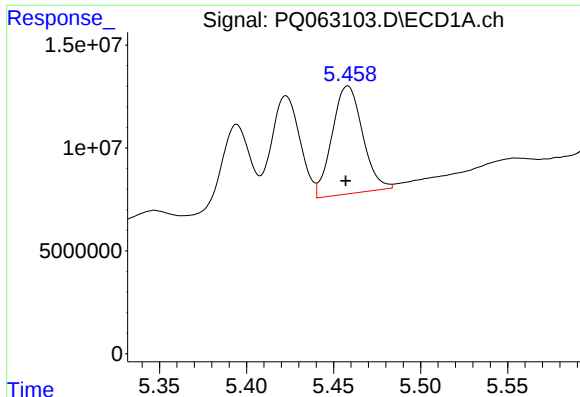
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 59578013
Conc: 250.05 ng/ml



#24 AR-1248-4

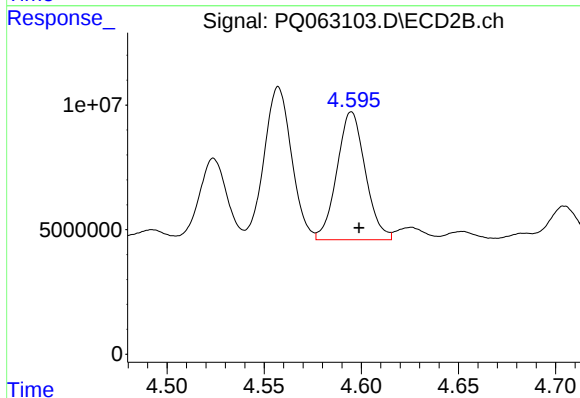
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 51162342
Conc: 269.05 ng/ml



#25 AR-1248-5

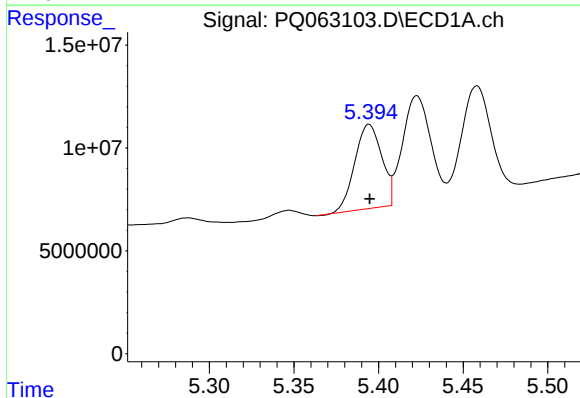
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 63938767
Conc: 275.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



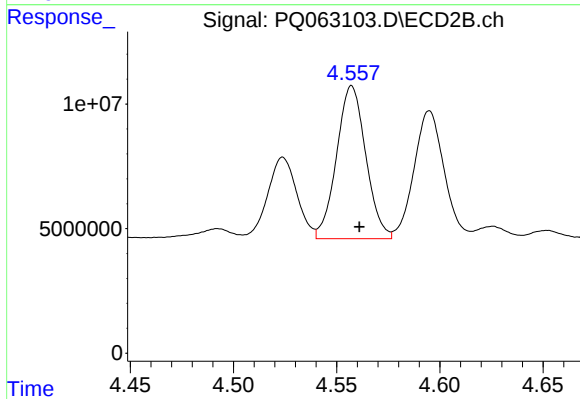
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 52188555
Conc: 269.83 ng/ml



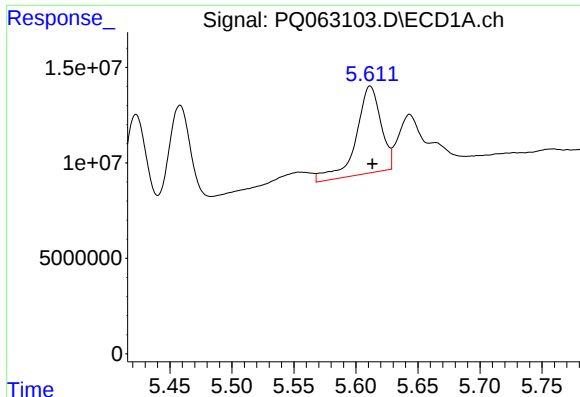
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 45281068
Conc: 206.76 ng/ml



#26 AR-1254-1

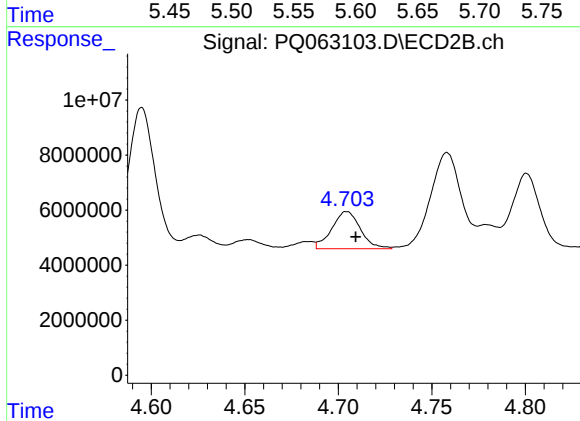
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 60481143
Conc: 225.41 ng/ml



#27 AR-1254-2

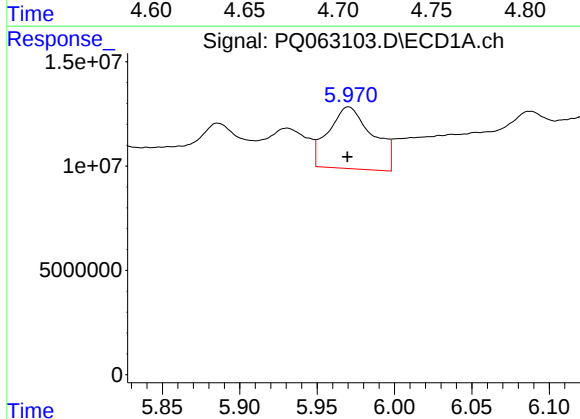
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 63368859
Conc: 187.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



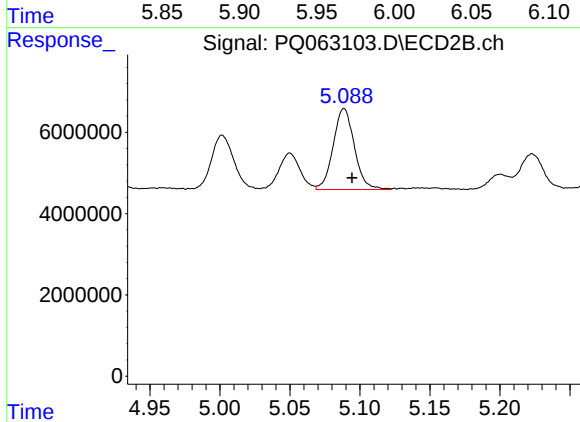
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 14403631
Conc: 61.37 ng/ml



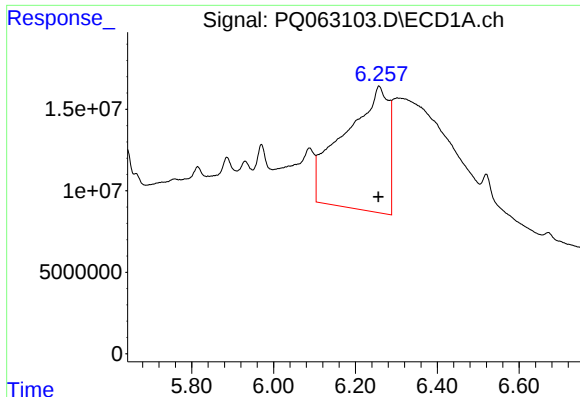
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 59114479
Conc: 164.89 ng/ml



#28 AR-1254-3

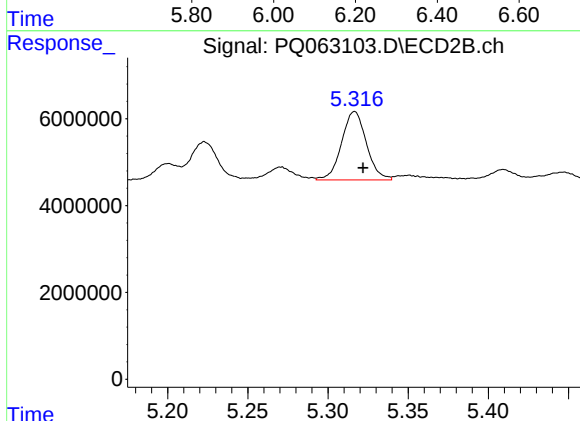
R.T.: 5.089 min
Delta R.T.: -0.006 min
Response: 21001425
Conc: 55.53 ng/ml



#29 AR-1254-4

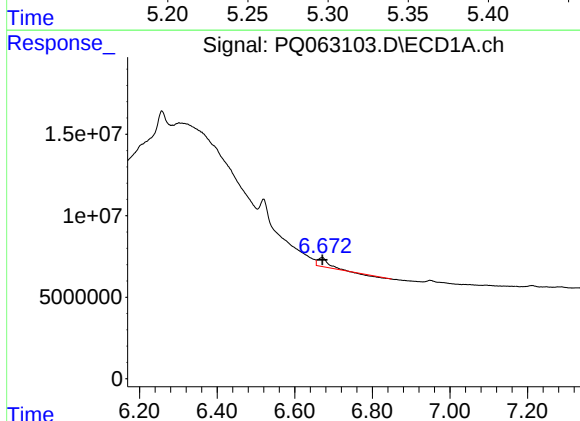
R.T.: 6.258 min
Delta R.T.: 0.001 min
Response: 576500179
Conc: 2127.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



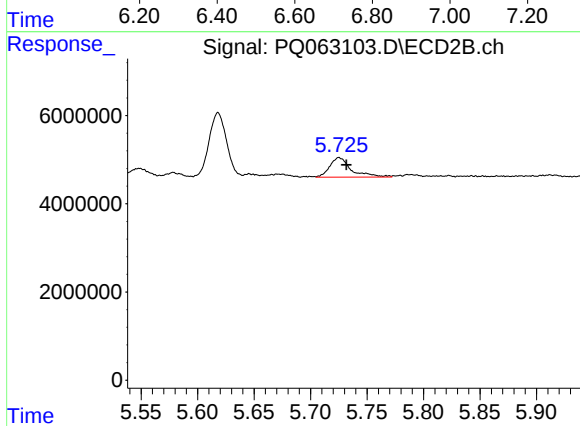
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 17014408
Conc: 69.64 ng/ml



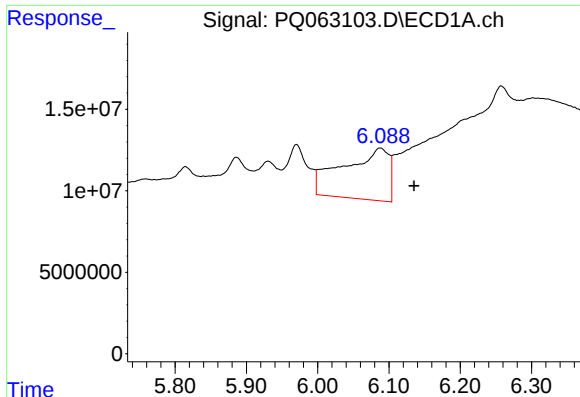
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 7559742
Conc: 27.35 ng/ml



#30 AR-1254-5

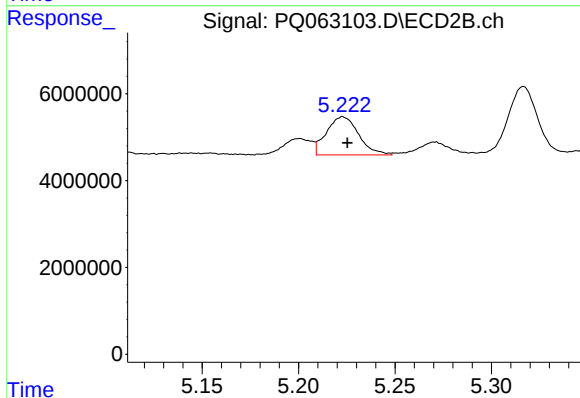
R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 5897552
Conc: 17.09 ng/ml



#31 AR-1260-1

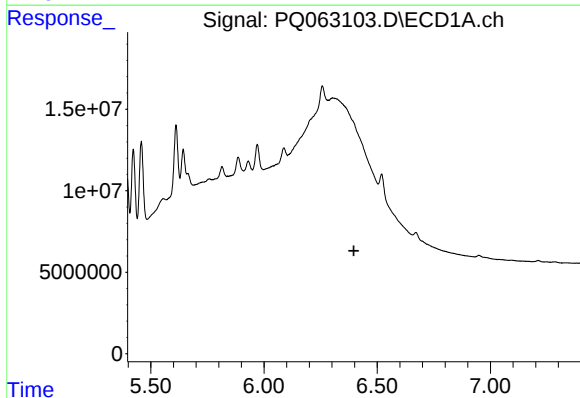
R.T.: 6.088 min
Delta R.T.: -0.048 min
Response: 141149904
Conc: 552.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



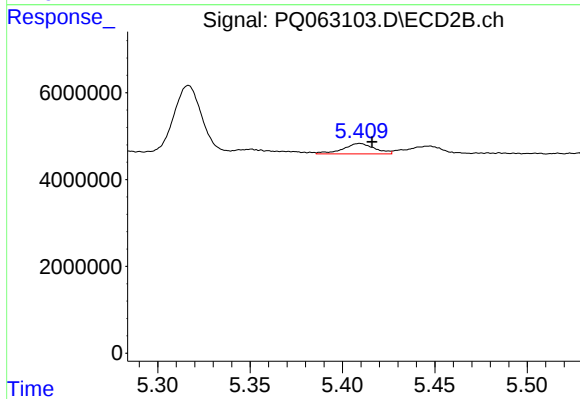
#31 AR-1260-1

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 10190653
Conc: 40.83 ng/ml



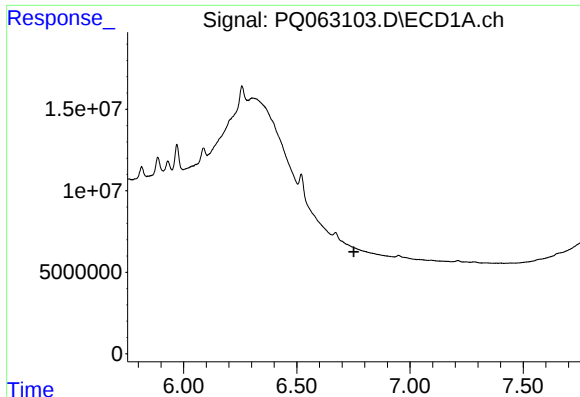
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



#32 AR-1260-2

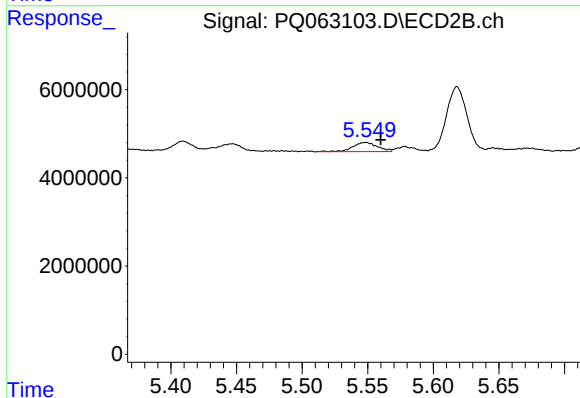
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 2863625
Conc: 9.30 ng/ml



#33 AR-1260-3

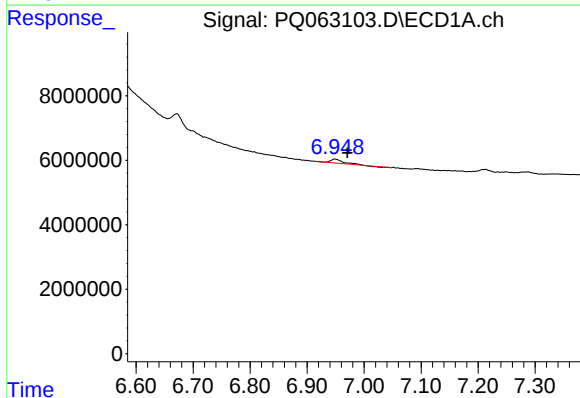
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



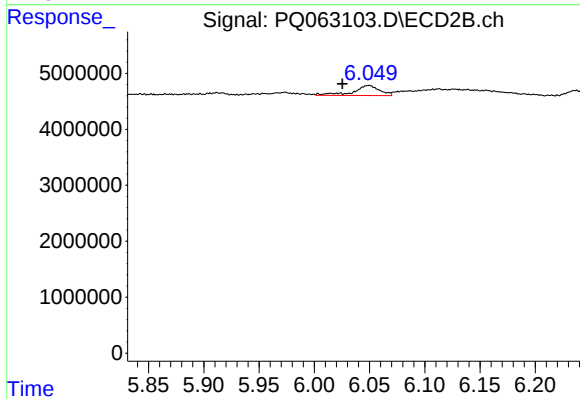
#33 AR-1260-3

R.T.: 5.548 min
Delta R.T.: -0.012 min
Response: 2792474
Conc: 9.01 ng/ml



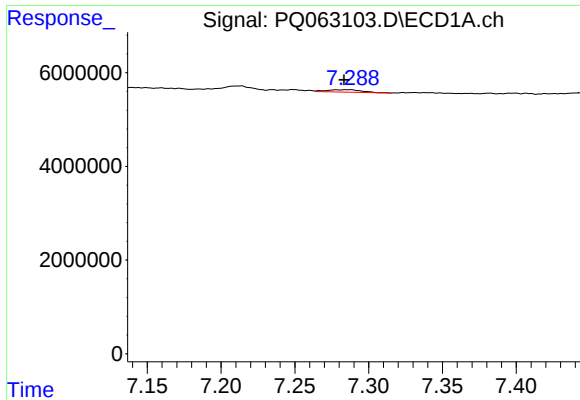
#34 AR-1260-4

R.T.: 6.949 min
Delta R.T.: -0.022 min
Response: 1799680
Conc: 7.51 ng/ml



#34 AR-1260-4

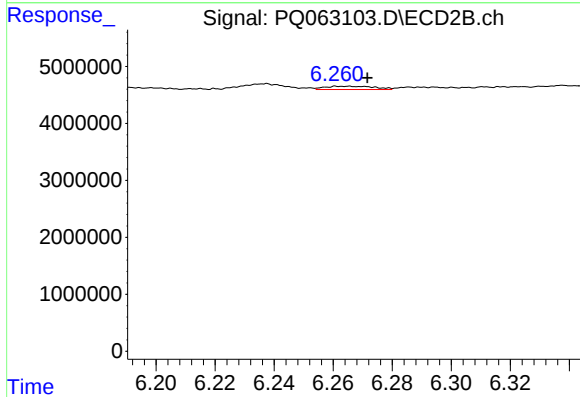
R.T.: 6.049 min
Delta R.T.: 0.024 min
Response: 2968496
Conc: 12.11 ng/ml



#35 AR-1260-5

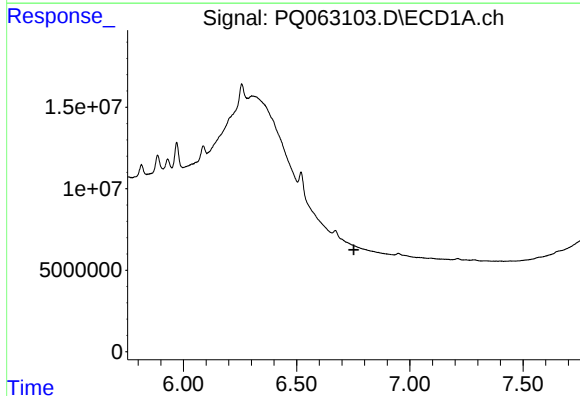
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 862532
Conc: 1.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



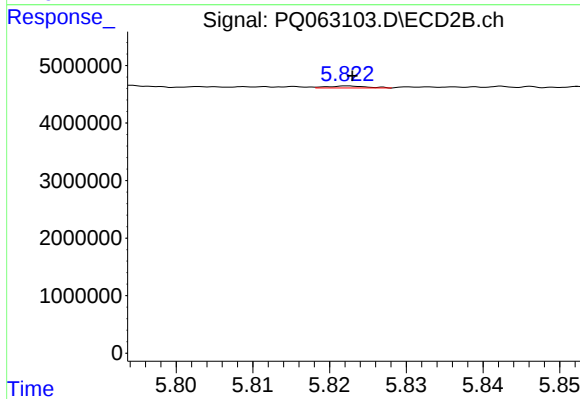
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 666299
Conc: 1.22 ng/ml



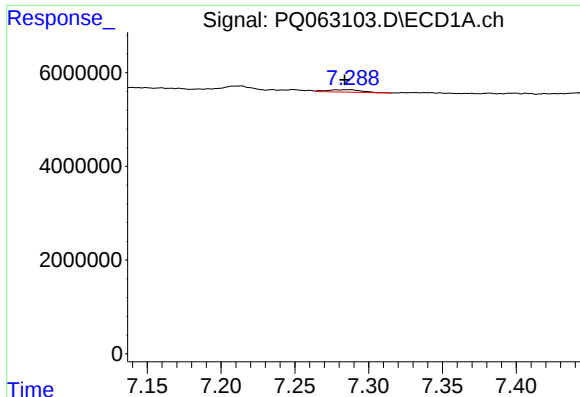
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.753 min
Response: 0
Conc: N.D.



#36 AR-1262-1

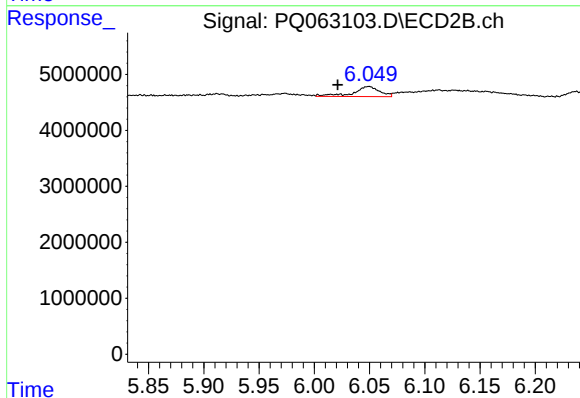
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 120553
Conc: 0.84 ng/ml



#37 AR-1262-2

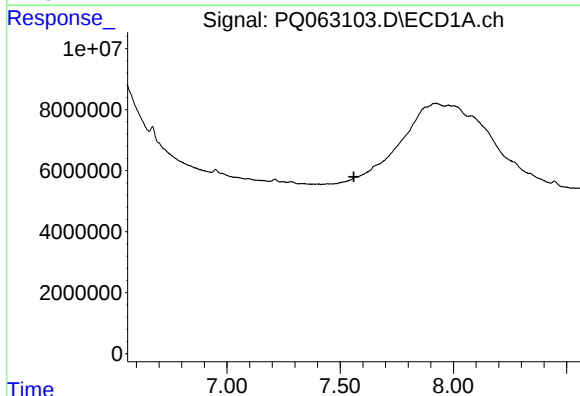
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 862532
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



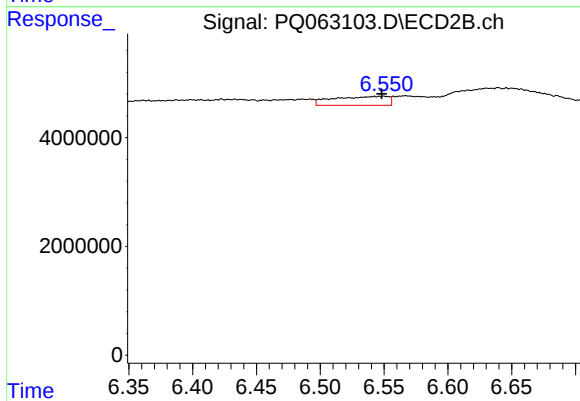
#37 AR-1262-2

R.T.: 6.049 min
Delta R.T.: 0.028 min
Response: 2968496
Conc: 9.50 ng/ml



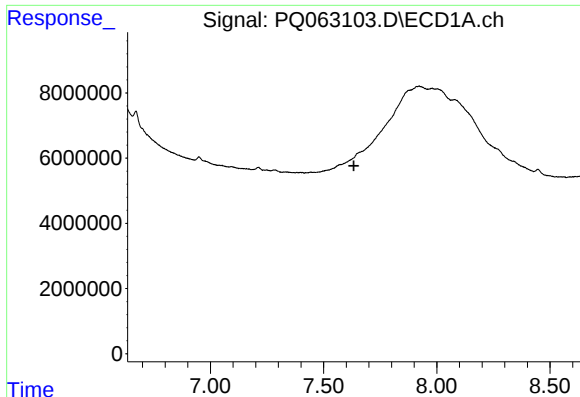
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.560 min
Response: 0
Conc: N.D.



#38 AR-1262-3

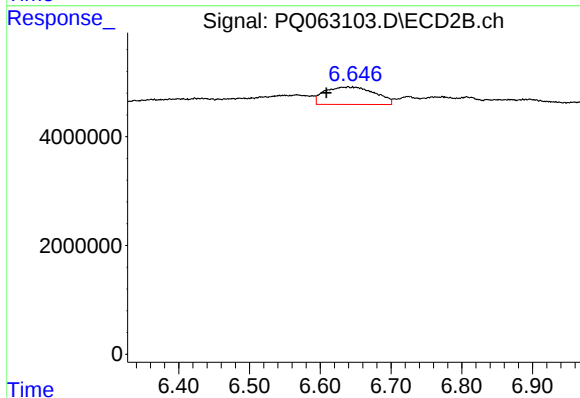
R.T.: 6.550 min
Delta R.T.: 0.002 min
Response: 4969691
Conc: 19.71 ng/ml



#39 AR-1262-4

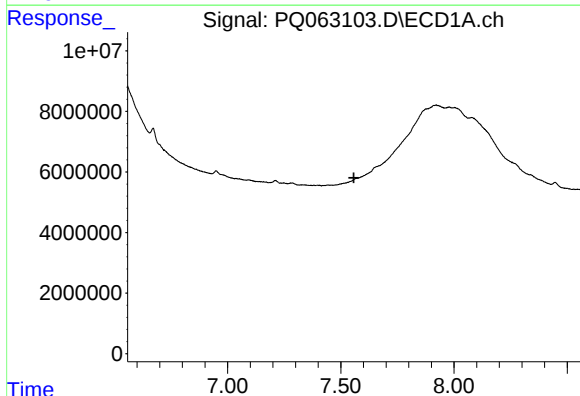
R.T.: 0.000 min
Exp R.T.: 7.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



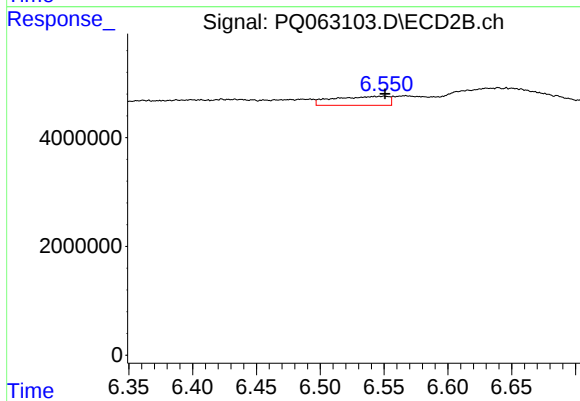
#39 AR-1262-4

R.T.: 6.639 min
Delta R.T.: 0.031 min
Response: 15785369
Conc: 33.76 ng/ml



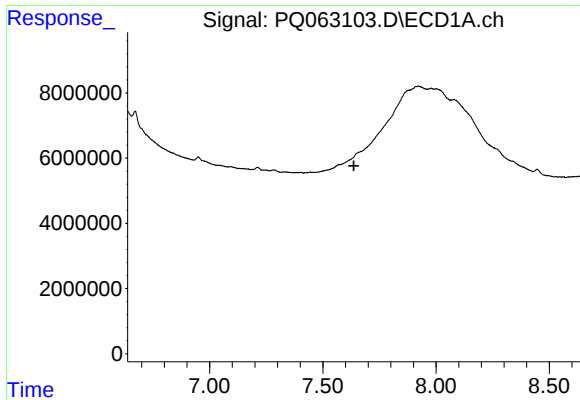
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.558 min
Response: 0
Conc: N.D.



#41 AR-1268-1

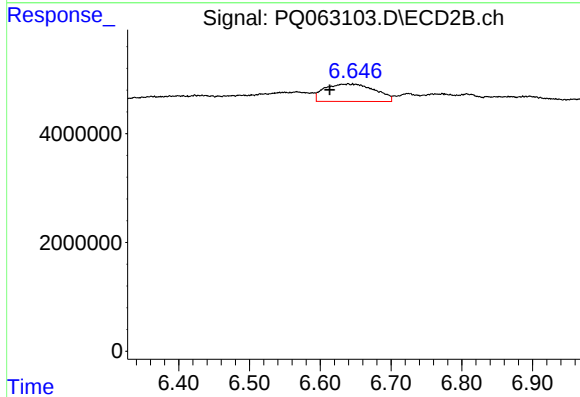
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4969691
Conc: 6.66 ng/ml



#42 AR-1268-2

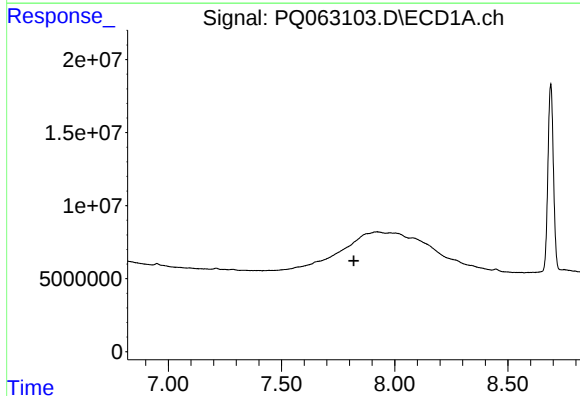
R.T.: 0.000 min
Exp R.T.: 7.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



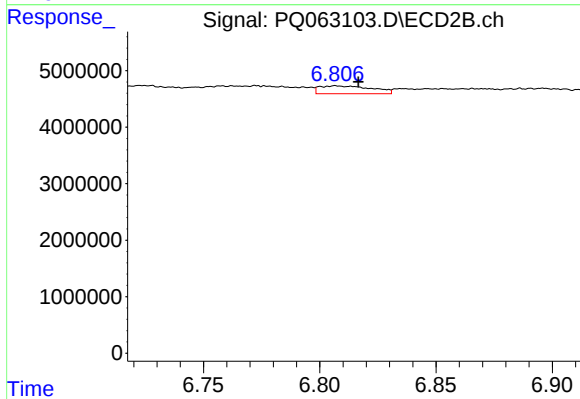
#42 AR-1268-2

R.T.: 6.639 min
Delta R.T.: 0.026 min
Response: 15785369
Conc: 22.99 ng/ml



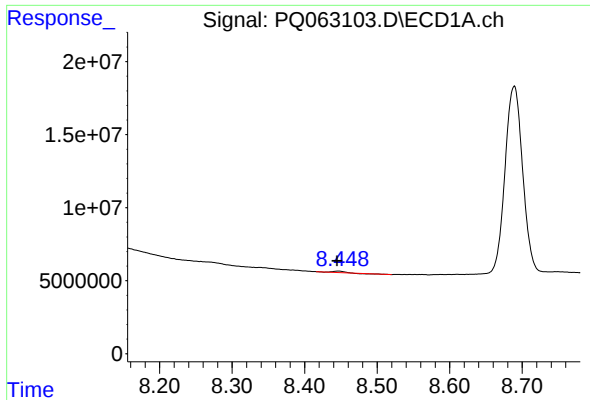
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.820 min
Response: 0
Conc: N.D.



#43 AR-1268-3

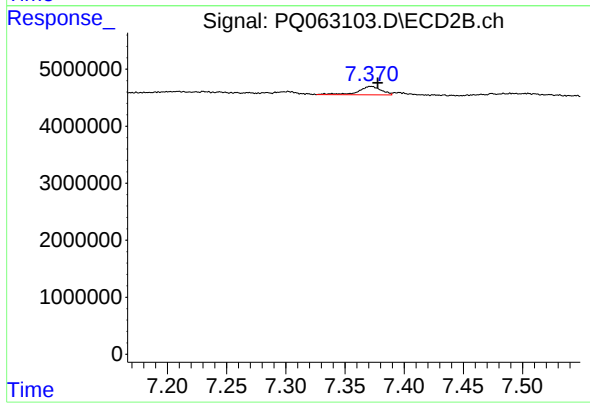
R.T.: 6.807 min
Delta R.T.: -0.010 min
Response: 2202879
Conc: 3.75 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.001 min
Response: 755583
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 1993068
Conc: 1.13 ng/ml