

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
 Data File : PQ063445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 11:27
 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: Sep 28 15:34:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.462	2.780	232.0E6	168.3E6	49.533	48.687
2)	SA Decachlor...	8.695	7.581	170.9E6	169.0E6	48.918	47.001
Target Compounds							
3)	L1 AR-1016-1	4.578	3.791	60646008	51063905	417.110	409.946
4)	L1 AR-1016-2	4.596	3.807	98506245	73053135	421.615	410.967
5)	L1 AR-1016-3	4.656	3.969	61717336	39707055	429.498	411.506
6)	L1 AR-1016-4	4.748	4.018	48190737	33050487	422.476	407.716
7)	L1 AR-1016-5	5.038	4.214	52496148	42616510	446.744	423.352
8)	L2 AR-1221-1	3.662	2.984	8262368	7400131	144.416	159.110
9)	L2 AR-1221-2	3.745	3.062	10027157	7146713	265.234	231.099
10)	L2 AR-1221-3	3.816	3.130	37505027	30157049	297.152	283.047
11)	L3 AR-1232-1	3.816	3.130	37505027	30157049	360.156	346.838
12)	L3 AR-1232-2	4.316	3.807	57940280	73053135	910.903	903.356
13)	L3 AR-1232-3	4.596	3.969	98506245	39707055	939.994	936.055
14)	L3 AR-1232-4	4.748	4.055	48190737	37629596	969.743	1026.233
15)	L3 AR-1232-5	4.846	4.214	39026007	42616510	1027.494	987.913
16)	L4 AR-1242-1	4.578	3.791	60646008	51063905	459.879	467.975
17)	L4 AR-1242-2	4.596	3.807	98506245	73053135	476.033	470.037
18)	L4 AR-1242-3	4.656	3.969	61717336	39707055	486.825	473.395
19)	L4 AR-1242-4	4.748	4.055	48190737	37629596	467.234	469.575
20)	L4 AR-1242-5	5.470	4.553	45166642	49995732	413.012	477.728
21)	L5 AR-1248-1	4.578	3.791	60646008	51063905	617.132	636.343
22)	L5 AR-1248-2	4.846	4.018	39026007	33050487	272.869	276.042
23)	L5 AR-1248-3	5.038	4.055	52496148	37629596	305.160	328.215
24)	L5 AR-1248-4	5.434	4.214	45063548	42616510	235.700	302.238 #
25)	L5 AR-1248-5	5.470	4.590	45166642	42717581	242.782	309.141 #
26)	L6 AR-1254-1	5.405	4.553	38427909	49995732	191.080	237.114
27)	L6 AR-1254-2	5.622	4.700	44118400	14454175	144.697	78.096 #
28)	L6 AR-1254-3	5.981	5.084	24886284	17013763	75.863	59.462
29)	L6 AR-1254-4	6.269	5.312	20857243	12544866	86.113	67.762
30)	L6 AR-1254-5	6.684	5.719	4796848	4260947	18.678	16.492
31)	L7 AR-1260-1	6.149	5.217	10686811	7581192	44.428	37.545
32)	L7 AR-1260-2	6.409	5.404	6300931	2433207	22.239	9.944 #
33)	L7 AR-1260-3	0.000	5.543	0	1859172	N.D.	7.862 #
34)	L7 AR-1260-4	6.985	6.042f	1795984	3150948	7.534	16.504 #
35)	L7 AR-1260-5	7.291	6.251	703303	1543321	1.571	3.524 #
36)	L8 AR-1262-1	0.000	5.819	0	188930	N.D.	1.796 #
37)	L8 AR-1262-2	7.291	6.042f	703303	3150948	1.355	13.571 #
38)	L8 AR-1262-3	7.578	6.541	642106	5294692	1.855	27.566 #
39)	L8 AR-1262-4	7.663	6.597	4363544	2352581	16.028	6.728 #
40)	L8 AR-1262-5	8.169	7.132f	913950	1219753	5.329	7.364 #
41)	L9 AR-1268-1	7.578	6.541	642106	5294692	1.040	9.443 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
Data File : PQ063445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 11:27
Operator : YP\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

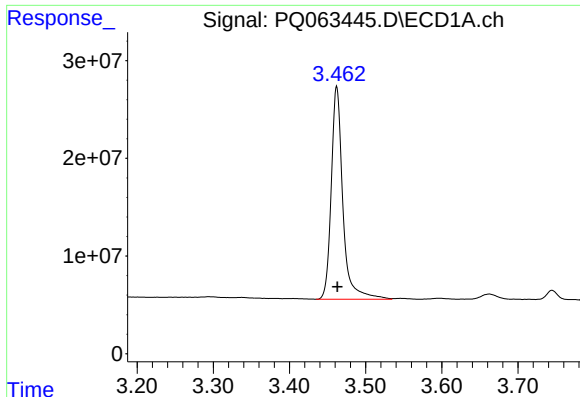
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 15:34:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 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	7.663	6.597	4363544	2352581	7.621	4.730 #
43) L9	AR-1268-3	7.832	6.801	1063738	4034529	2.181	9.464 #
44) L9	AR-1268-4	8.169	7.132f	913950	1219753	4.751	6.587 #
45) L9	AR-1268-5	8.457	7.362	1807493	4006289	1.266	3.047 #

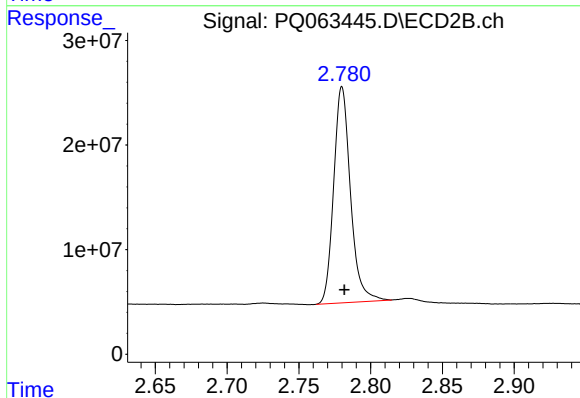
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

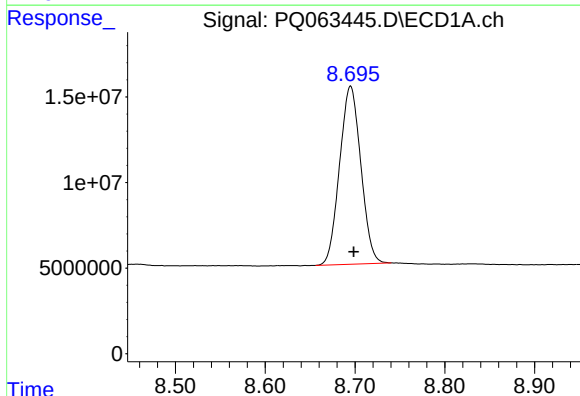
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 231989224
Conc: 49.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



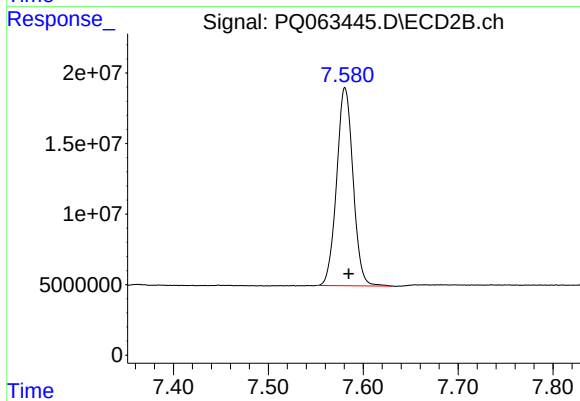
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 168260635
Conc: 48.69 ng/ml



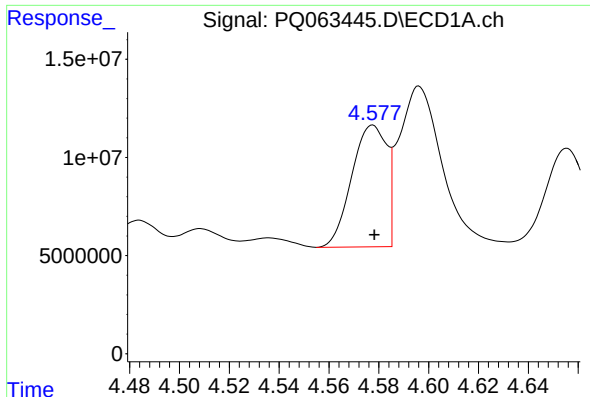
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.003 min
Response: 170945398
Conc: 48.92 ng/ml



#2 Decachlorobiphenyl

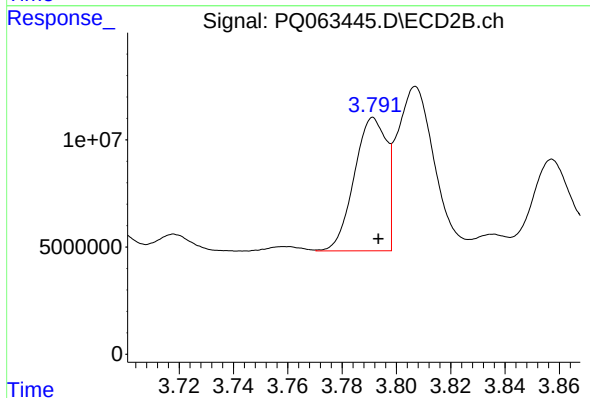
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 168955690
Conc: 47.00 ng/ml



#3 AR-1016-1

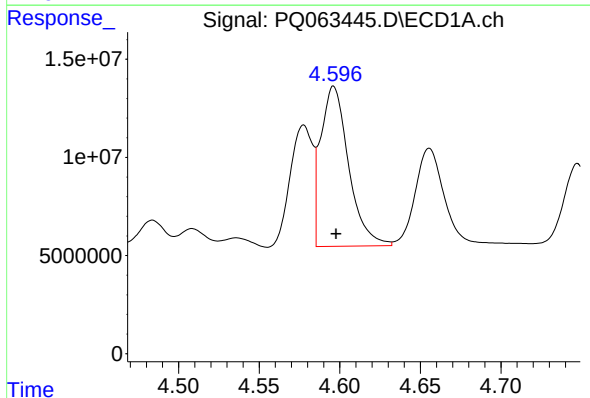
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 60646008
Conc: 417.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



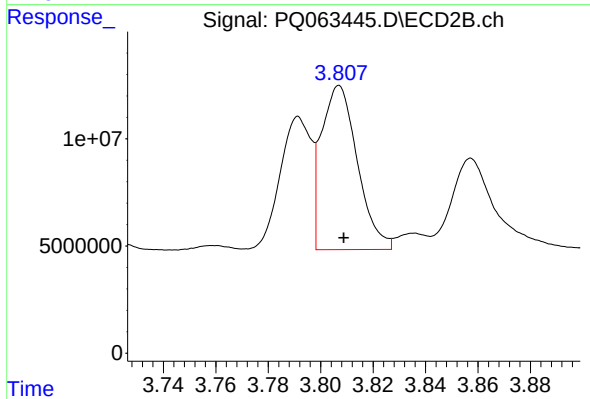
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 51063905
Conc: 409.95 ng/ml



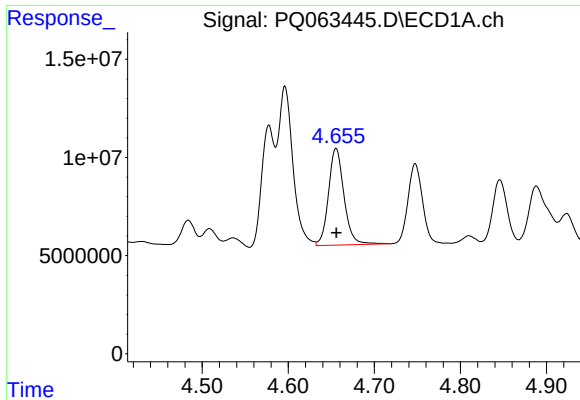
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 98506245
Conc: 421.61 ng/ml



#4 AR-1016-2

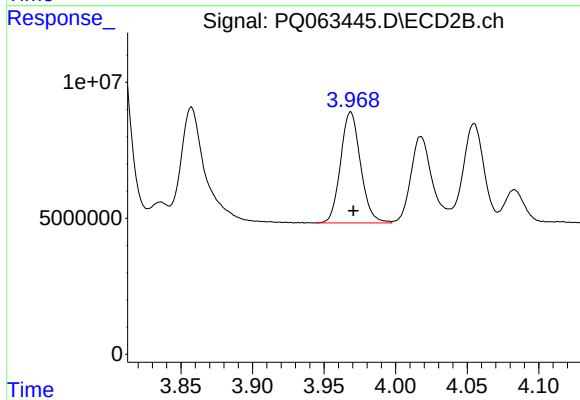
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 73053135
Conc: 410.97 ng/ml



#5 AR-1016-3

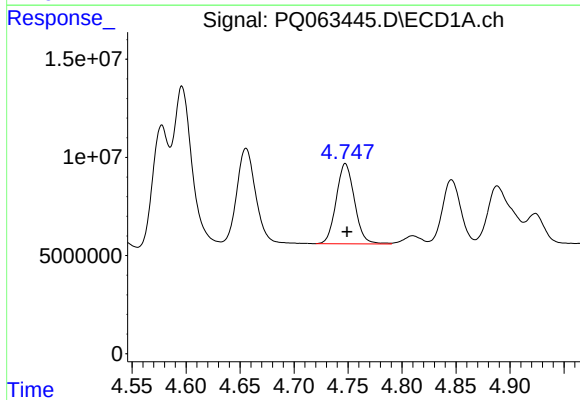
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 61717336
Conc: 429.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



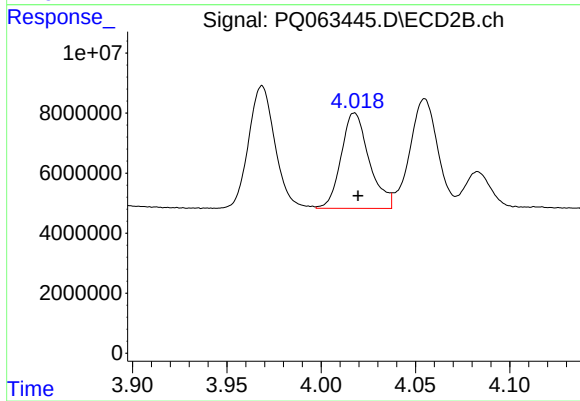
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 39707055
Conc: 411.51 ng/ml



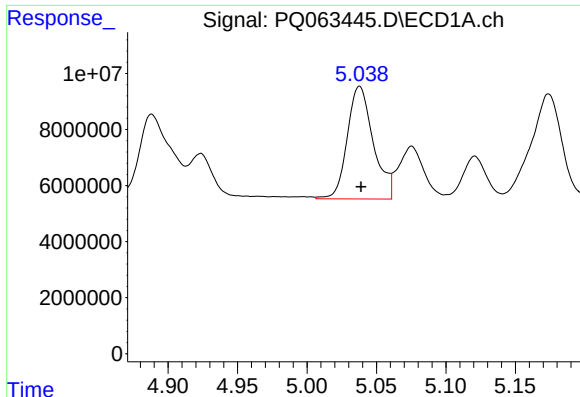
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 48190737
Conc: 422.48 ng/ml



#6 AR-1016-4

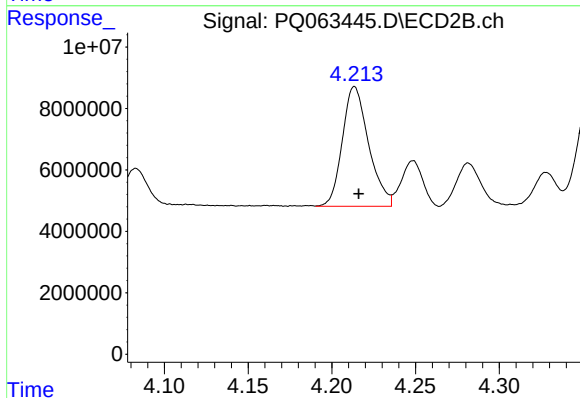
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 33050487
Conc: 407.72 ng/ml



#7 AR-1016-5

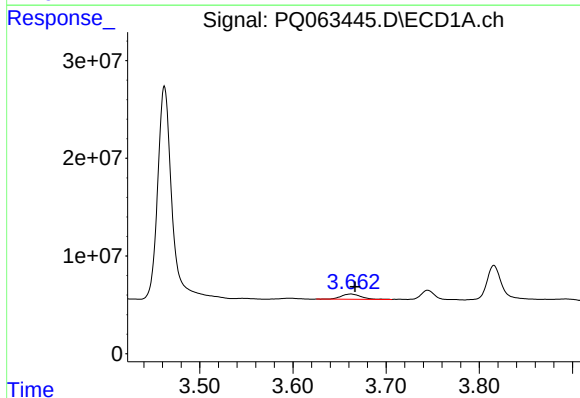
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 52496148
Conc: 446.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



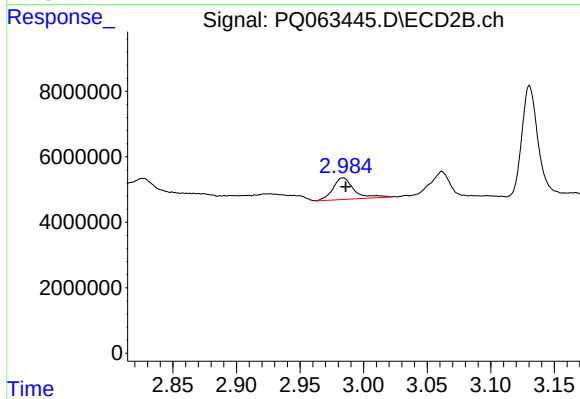
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 42616510
Conc: 423.35 ng/ml



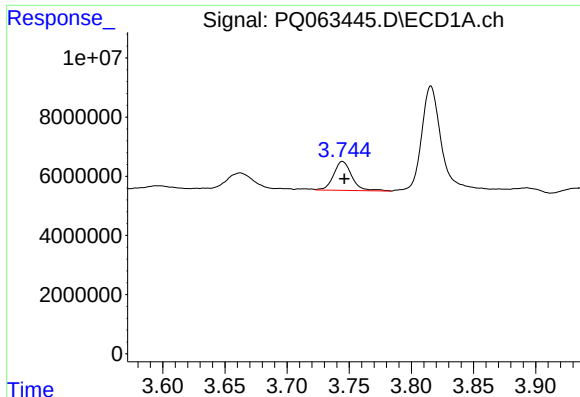
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: -0.004 min
Response: 8262368
Conc: 144.42 ng/ml



#8 AR-1221-1

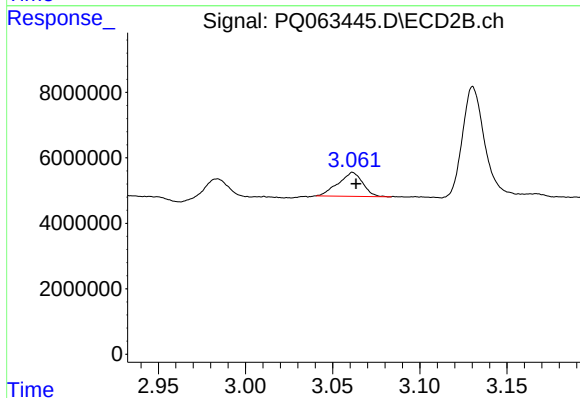
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 7400131
Conc: 159.11 ng/ml



#9 AR-1221-2

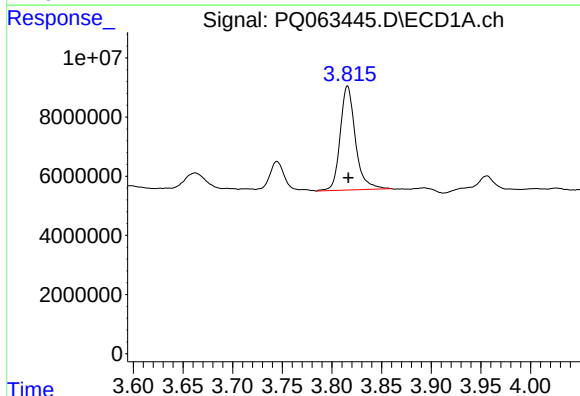
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 10027157
Conc: 265.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



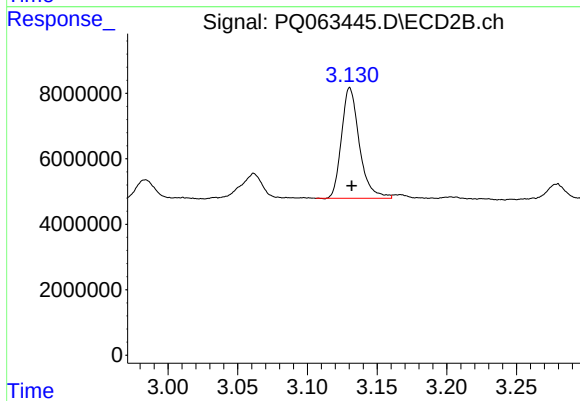
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.002 min
Response: 7146713
Conc: 231.10 ng/ml



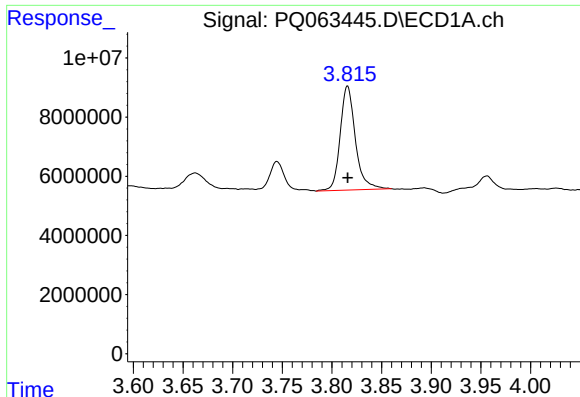
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 37505027
Conc: 297.15 ng/ml



#10 AR-1221-3

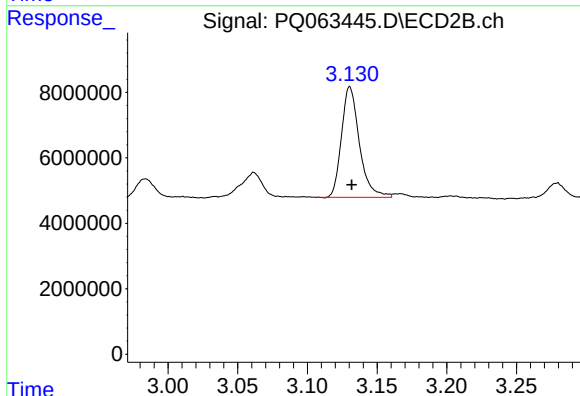
R.T.: 3.130 min
Delta R.T.: -0.001 min
Response: 30157049
Conc: 283.05 ng/ml



#11 AR-1232-1

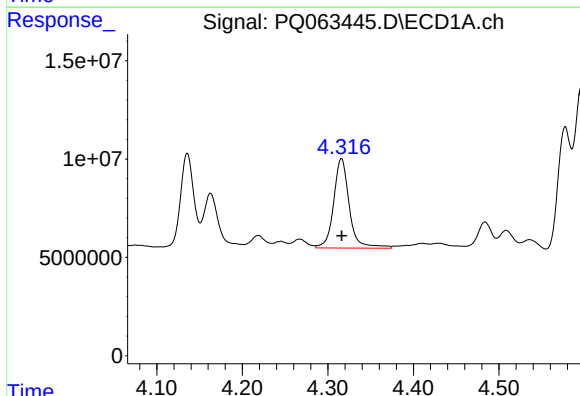
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 37505027
Conc: 360.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



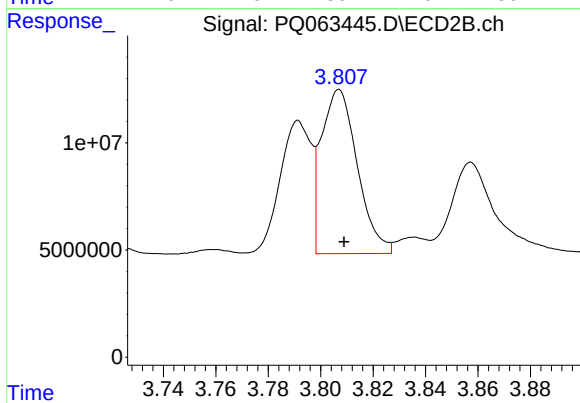
#11 AR-1232-1

R.T.: 3.130 min
Delta R.T.: -0.001 min
Response: 30157049
Conc: 346.84 ng/ml



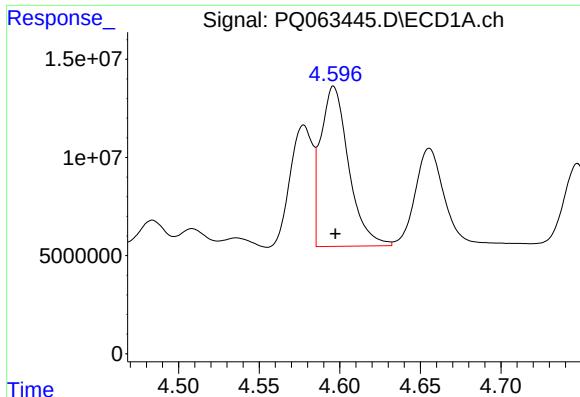
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 57940280
Conc: 910.90 ng/ml



#12 AR-1232-2

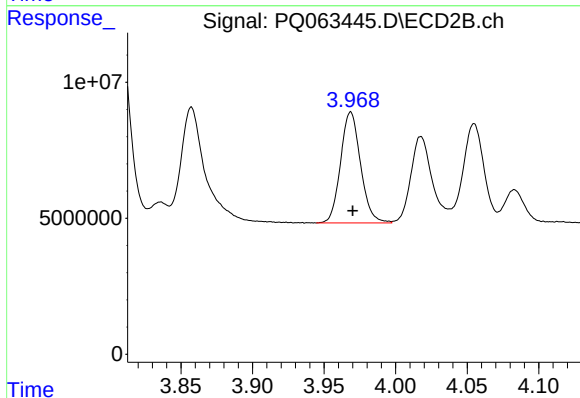
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 73053135
Conc: 903.36 ng/ml



#13 AR-1232-3

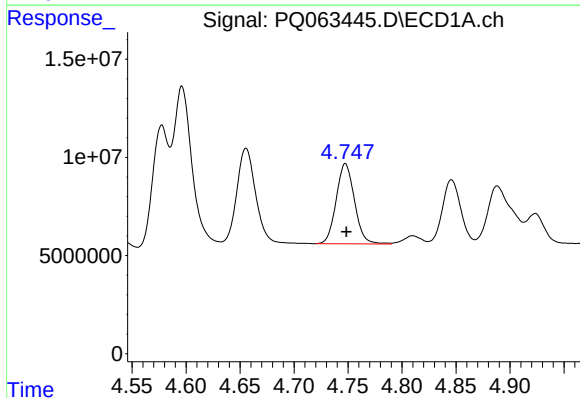
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 98506245
Conc: 939.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



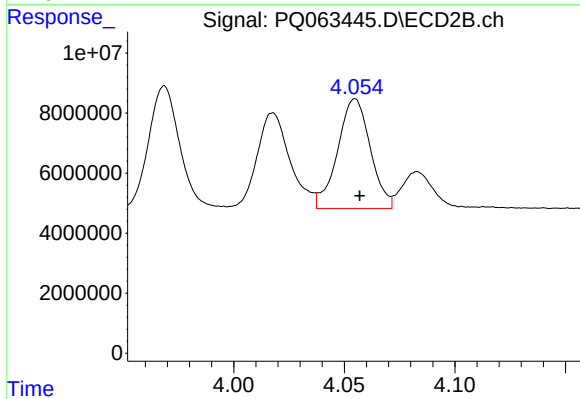
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 39707055
Conc: 936.05 ng/ml



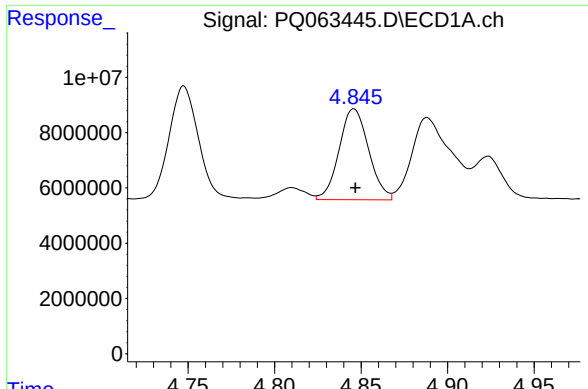
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 48190737
Conc: 969.74 ng/ml



#14 AR-1232-4

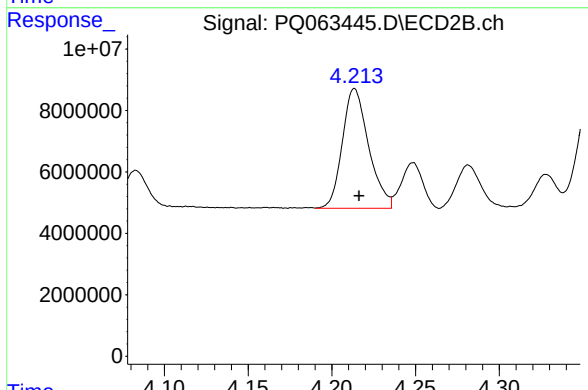
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 37629596
Conc: 1026.23 ng/ml



#15 AR-1232-5

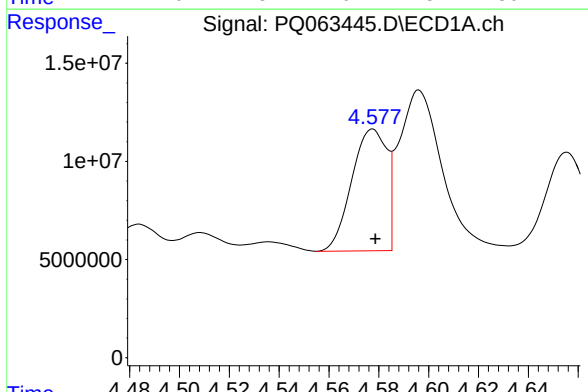
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 39026007
Conc: 1027.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



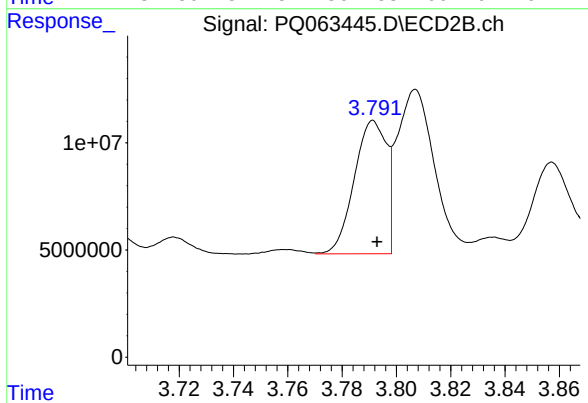
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.003 min
Response: 42616510
Conc: 987.91 ng/ml



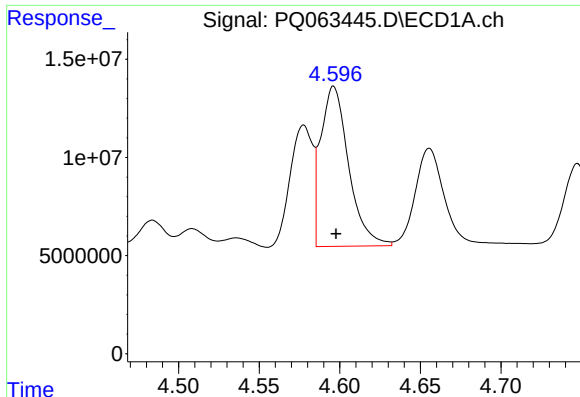
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: -0.001 min
Response: 60646008
Conc: 459.88 ng/ml



#16 AR-1242-1

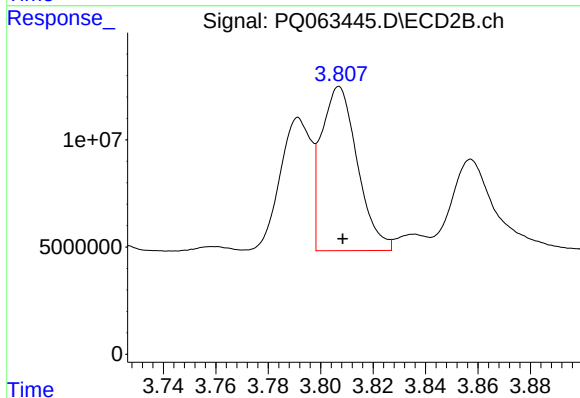
R.T.: 3.791 min
Delta R.T.: -0.001 min
Response: 51063905
Conc: 467.97 ng/ml



#17 AR-1242-2

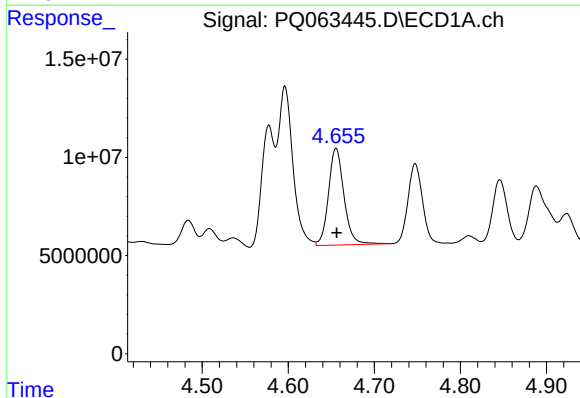
R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 98506245
Conc: 476.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



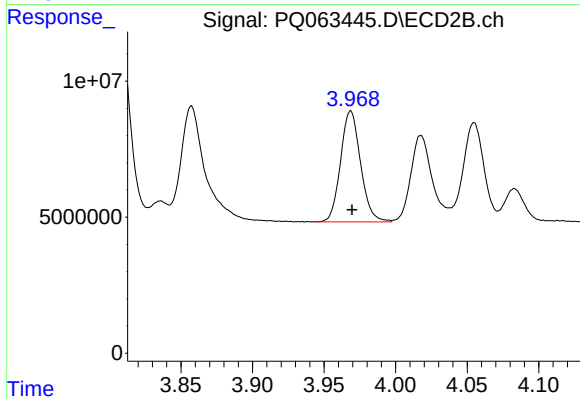
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 73053135
Conc: 470.04 ng/ml



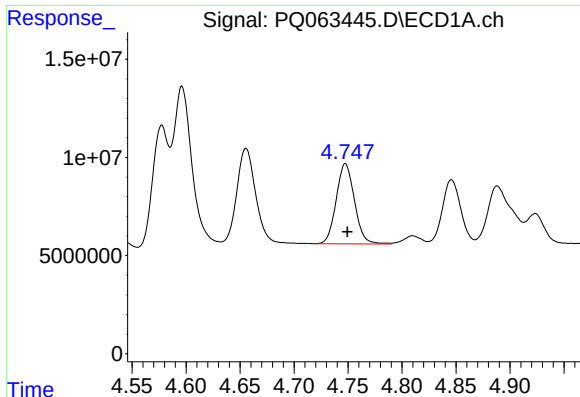
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 61717336
Conc: 486.82 ng/ml



#18 AR-1242-3

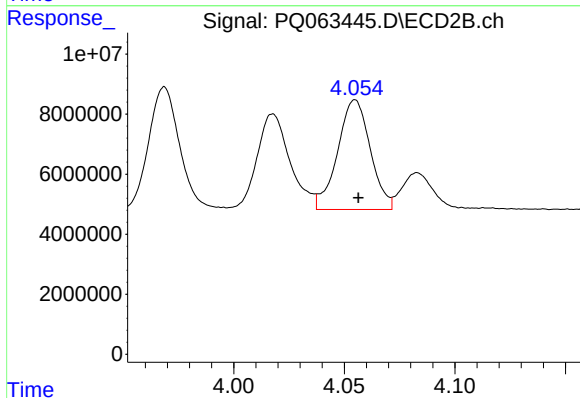
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 39707055
Conc: 473.40 ng/ml



#19 AR-1242-4

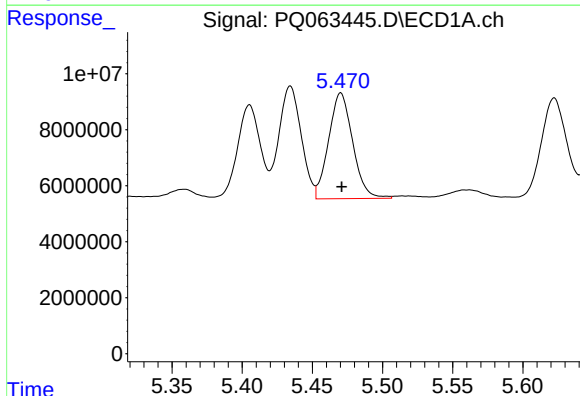
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 48190737
Conc: 467.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



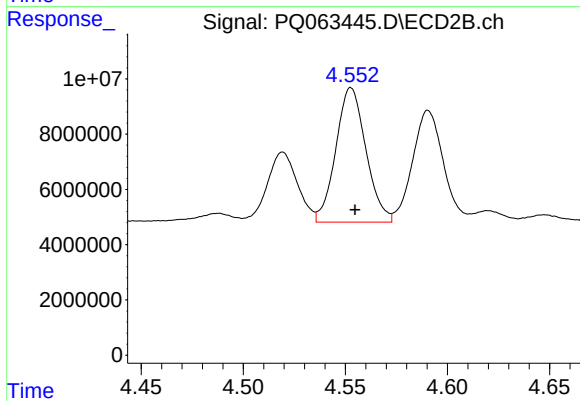
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 37629596
Conc: 469.58 ng/ml



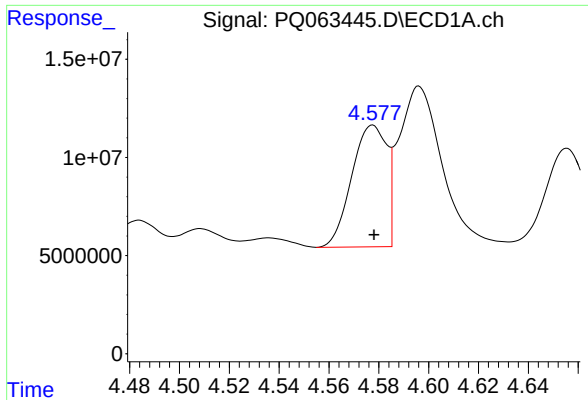
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 45166642
Conc: 413.01 ng/ml



#20 AR-1242-5

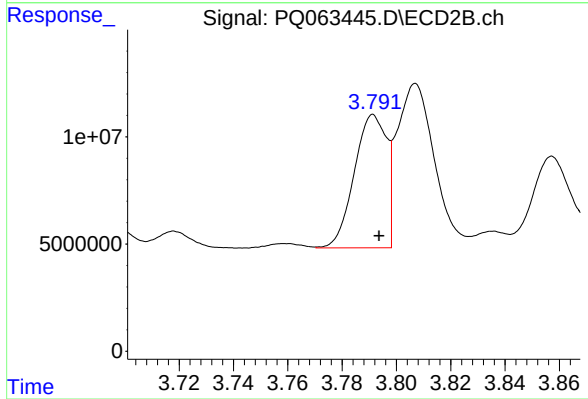
R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 49995732
Conc: 477.73 ng/ml



#21 AR-1248-1

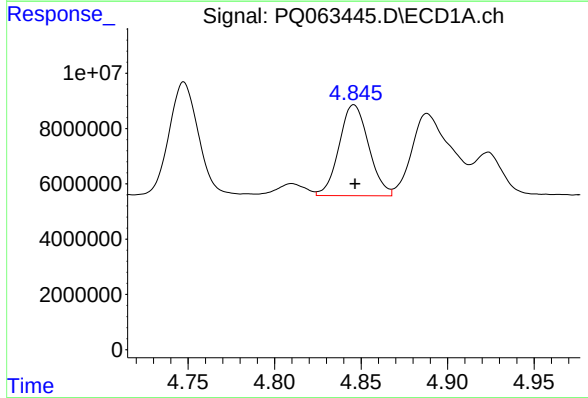
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 60646008
Conc: 617.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



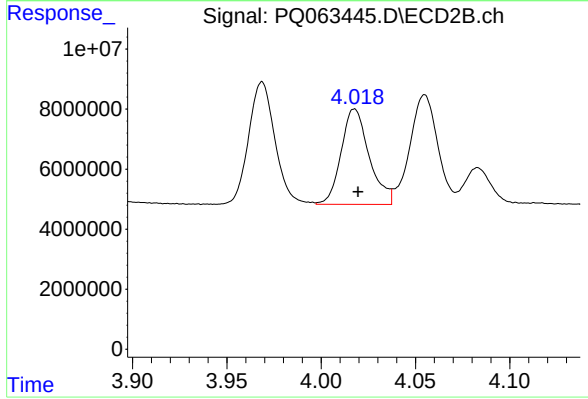
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 51063905
Conc: 636.34 ng/ml



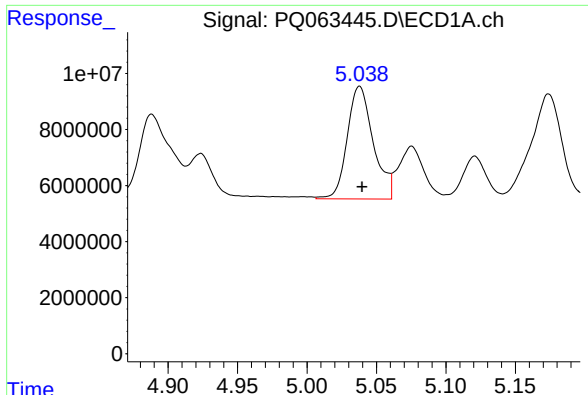
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 39026007
Conc: 272.87 ng/ml



#22 AR-1248-2

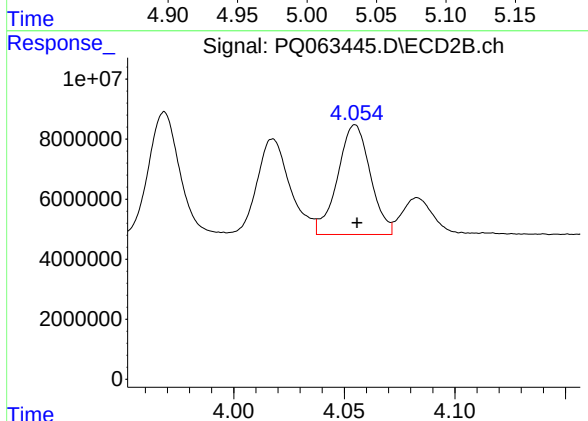
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 33050487
Conc: 276.04 ng/ml



#23 AR-1248-3

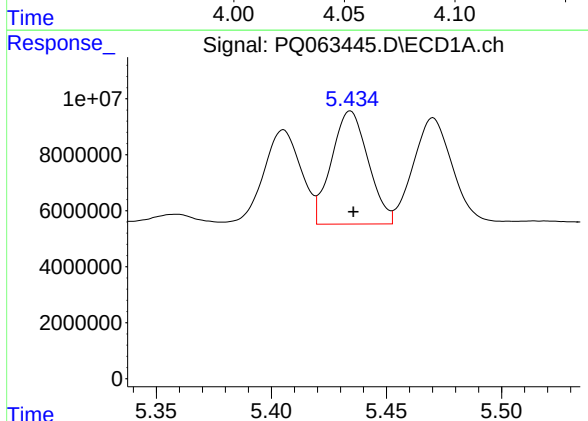
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 52496148
Conc: 305.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



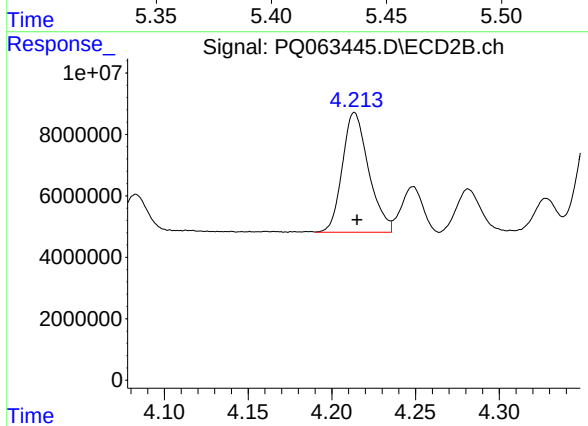
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 37629596
Conc: 328.21 ng/ml



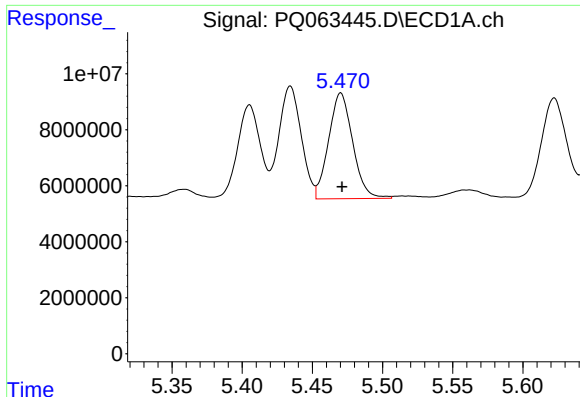
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 45063548
Conc: 235.70 ng/ml



#24 AR-1248-4

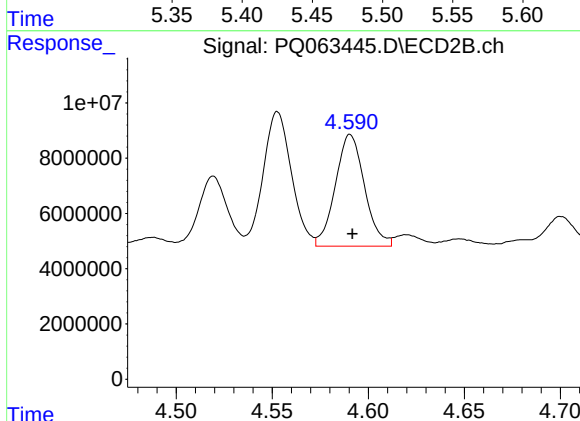
R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 42616510
Conc: 302.24 ng/ml



#25 AR-1248-5

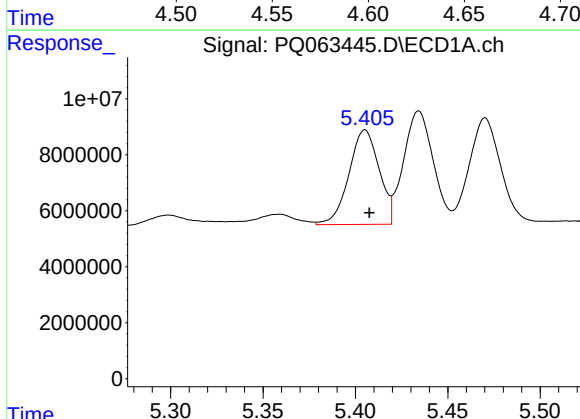
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 45166642
Conc: 242.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



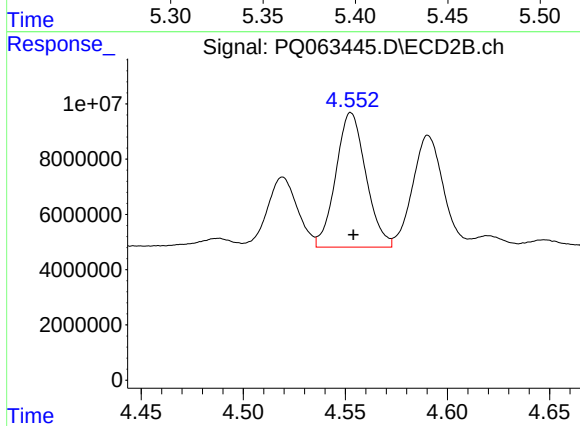
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 42717581
Conc: 309.14 ng/ml



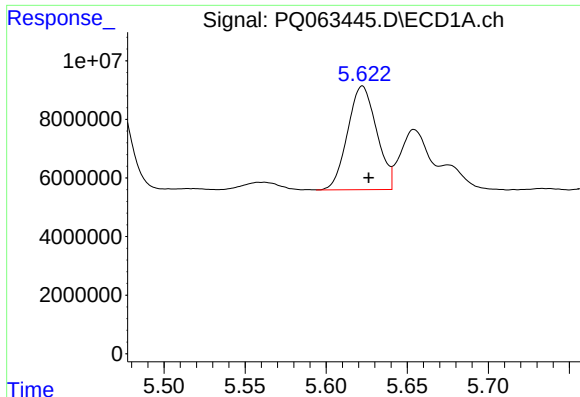
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 38427909
Conc: 191.08 ng/ml



#26 AR-1254-1

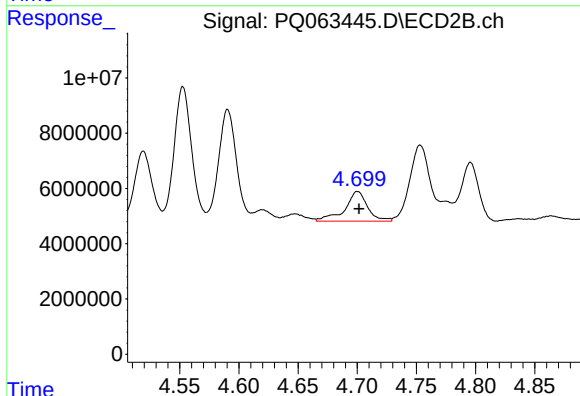
R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 49995732
Conc: 237.11 ng/ml



#27 AR-1254-2

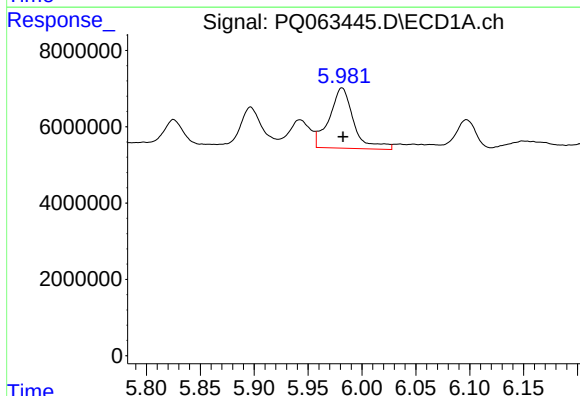
R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 44118400
Conc: 144.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



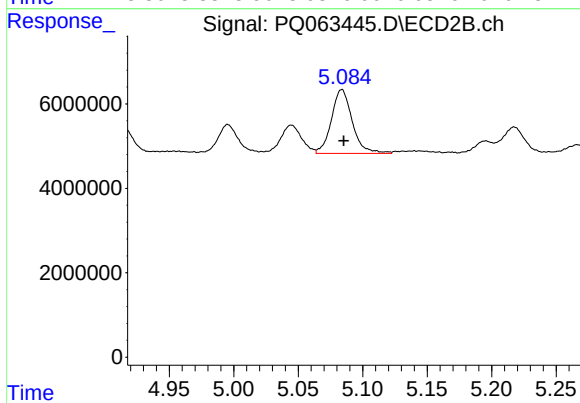
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 14454175
Conc: 78.10 ng/ml



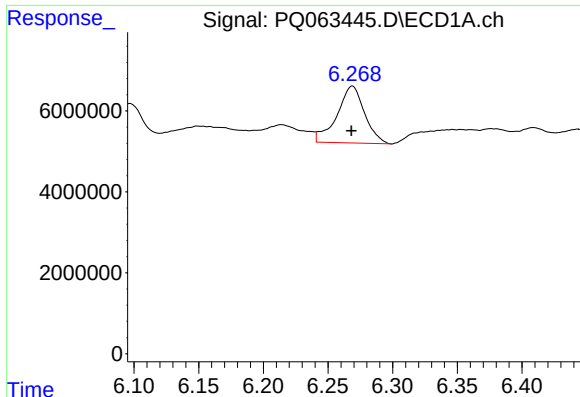
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 24886284
Conc: 75.86 ng/ml



#28 AR-1254-3

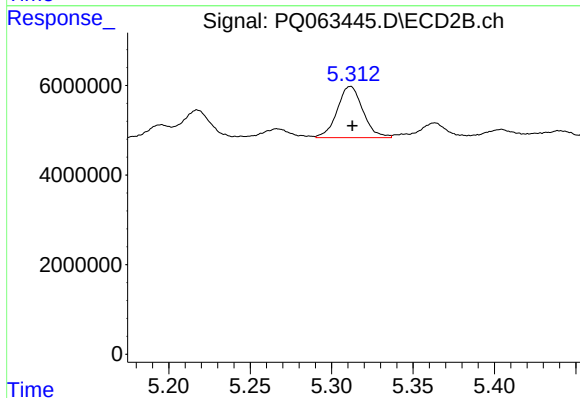
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 17013763
Conc: 59.46 ng/ml



#29 AR-1254-4

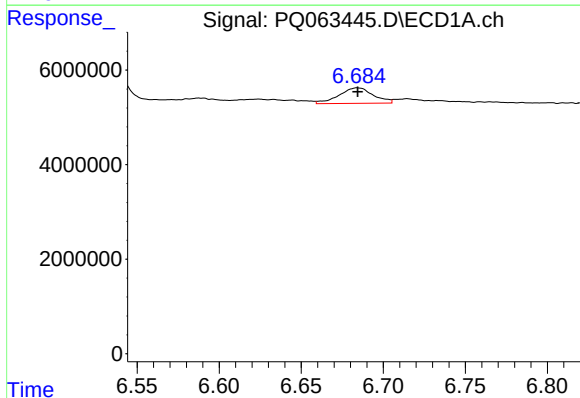
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 20857243
Conc: 86.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



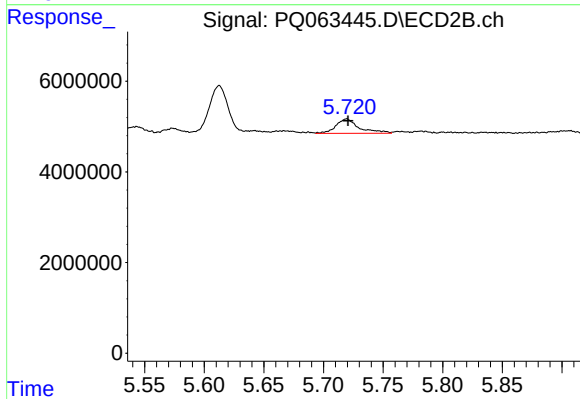
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 12544866
Conc: 67.76 ng/ml



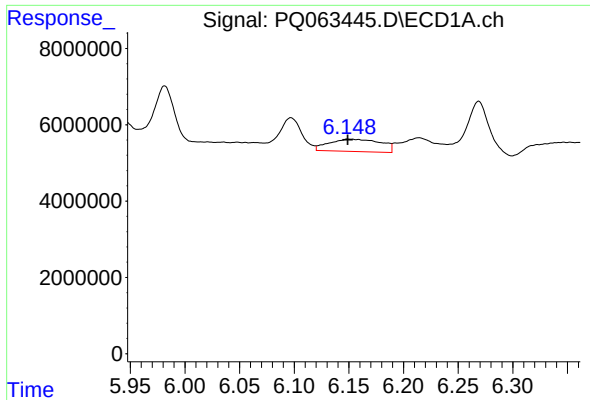
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 4796848
Conc: 18.68 ng/ml



#30 AR-1254-5

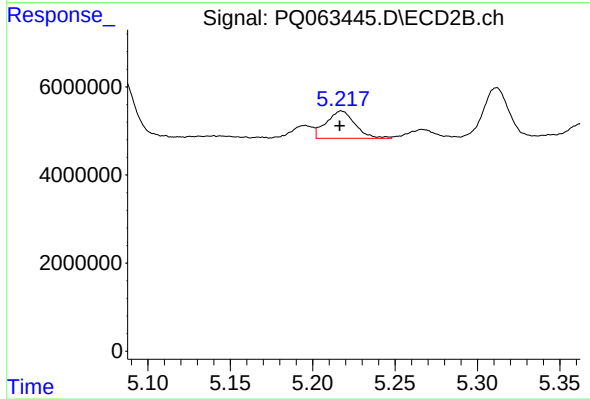
R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 4260947
Conc: 16.49 ng/ml



#31 AR-1260-1

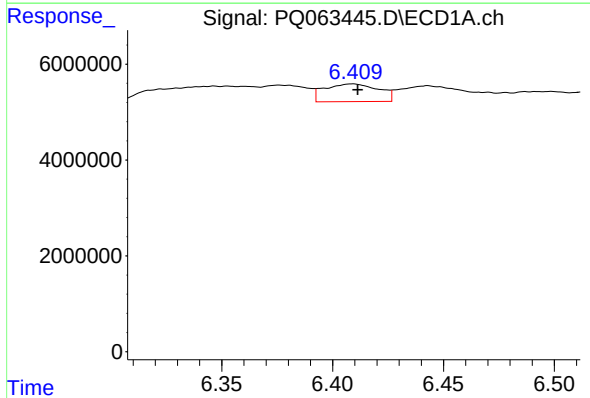
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 10686811
Conc: 44.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



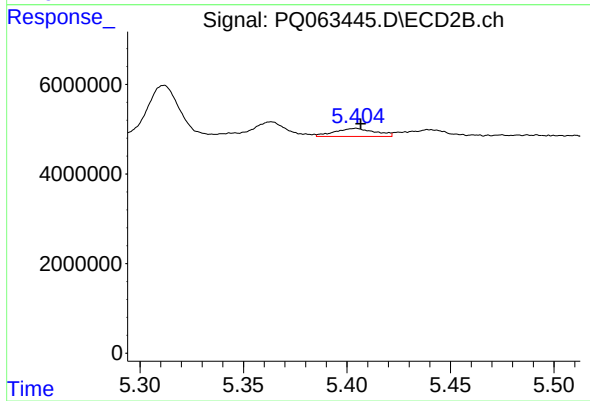
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 7581192
Conc: 37.54 ng/ml



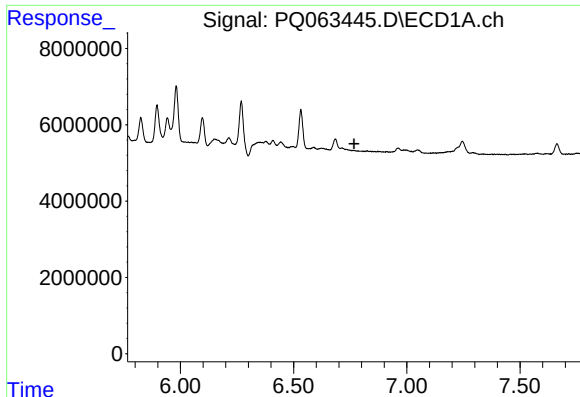
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 6300931
Conc: 22.24 ng/ml



#32 AR-1260-2

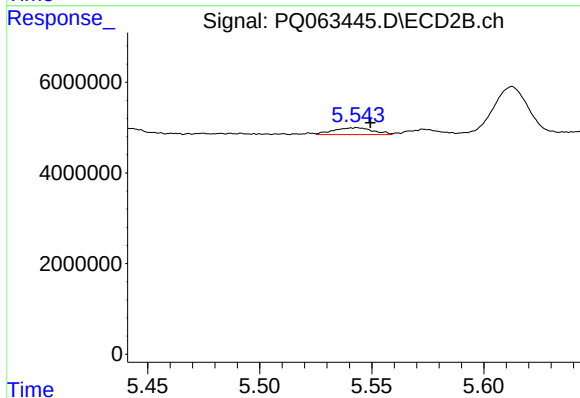
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 2433207
Conc: 9.94 ng/ml



#33 AR-1260-3

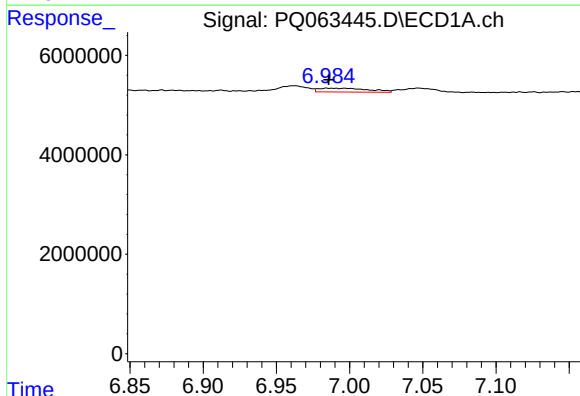
R.T.: 0.000 min
Exp R.T.: 6.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



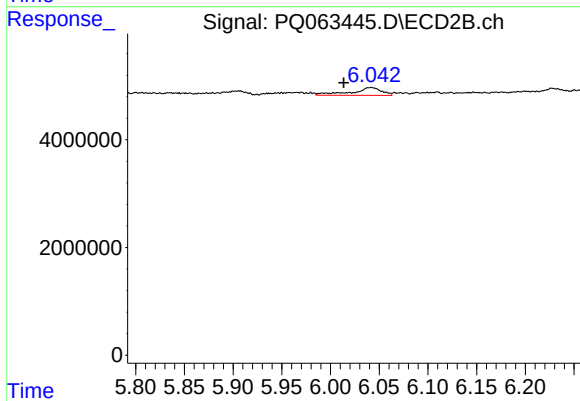
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: -0.006 min
Response: 1859172
Conc: 7.86 ng/ml



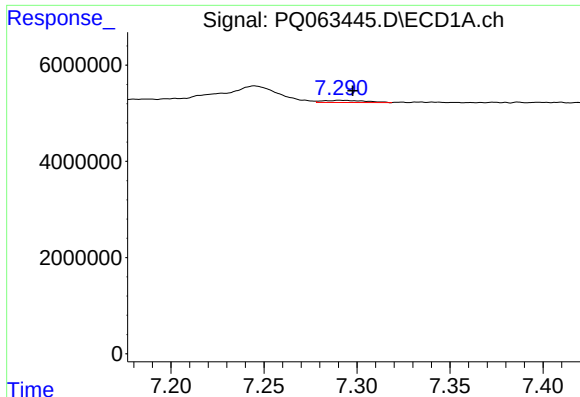
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1795984
Conc: 7.53 ng/ml



#34 AR-1260-4

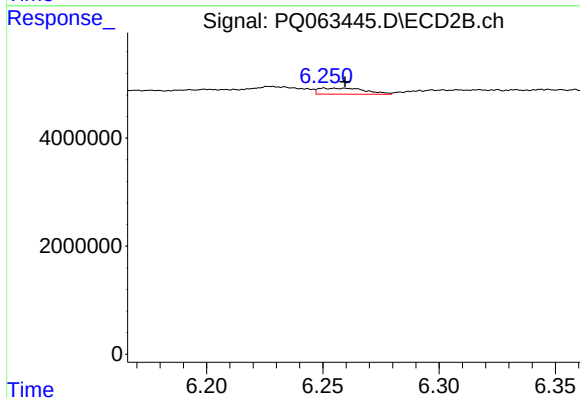
R.T.: 6.042 min
Delta R.T.: 0.029 min
Response: 3150948
Conc: 16.50 ng/ml



#35 AR-1260-5

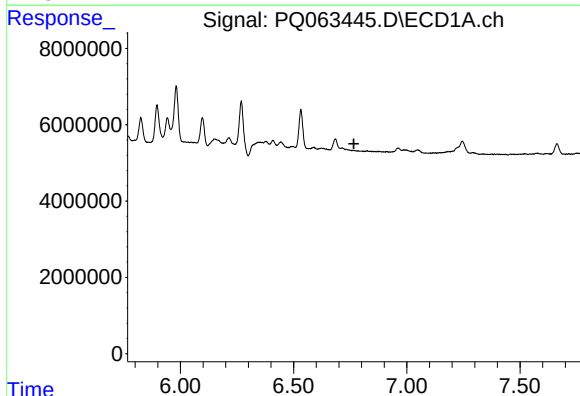
R.T.: 7.291 min
Delta R.T.: -0.007 min
Response: 703303
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



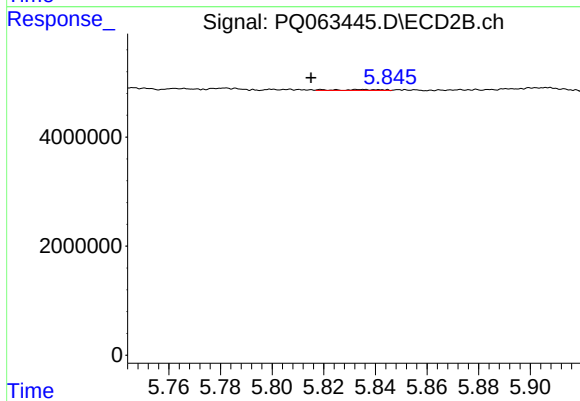
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.009 min
Response: 1543321
Conc: 3.52 ng/ml



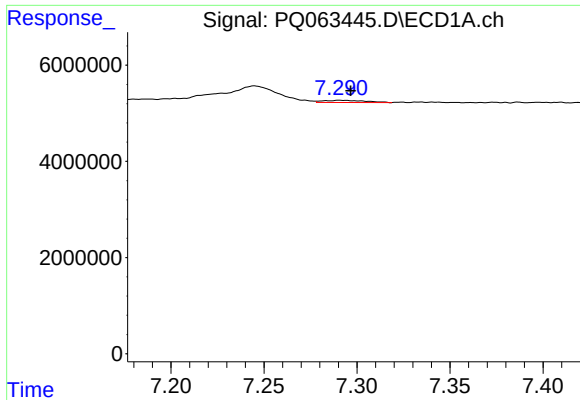
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#36 AR-1262-1

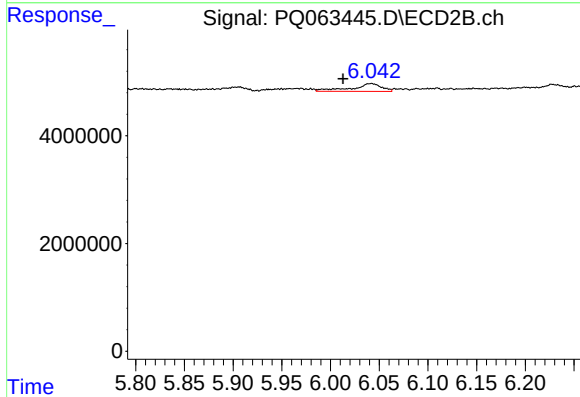
R.T.: 5.819 min
Delta R.T.: 0.004 min
Response: 188930
Conc: 1.80 ng/ml



#37 AR-1262-2

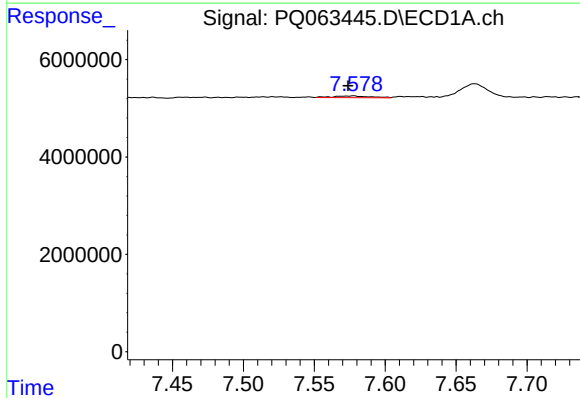
R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 703303
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



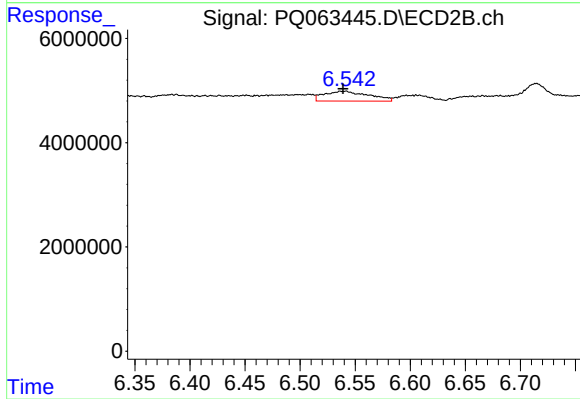
#37 AR-1262-2

R.T.: 6.042 min
Delta R.T.: 0.029 min
Response: 3150948
Conc: 13.57 ng/ml



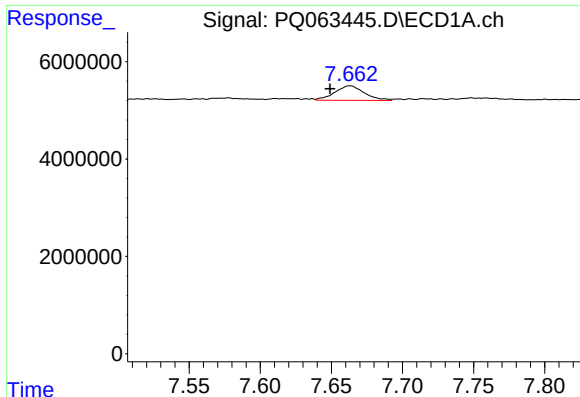
#38 AR-1262-3

R.T.: 7.578 min
Delta R.T.: 0.004 min
Response: 642106
Conc: 1.85 ng/ml



#38 AR-1262-3

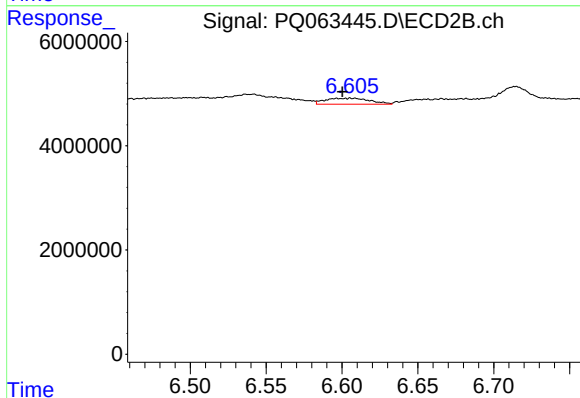
R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 5294692
Conc: 27.57 ng/ml



#39 AR-1262-4

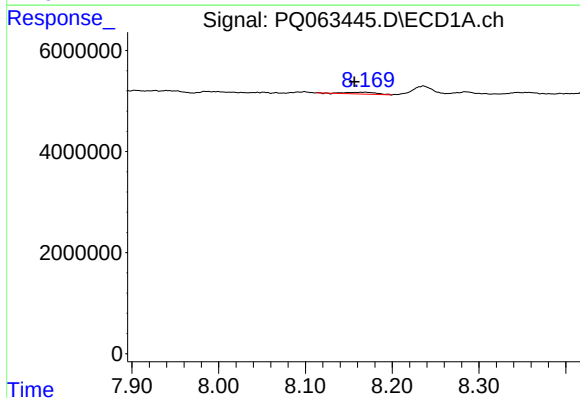
R.T.: 7.663 min
Delta R.T.: 0.014 min
Response: 4363544
Conc: 16.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



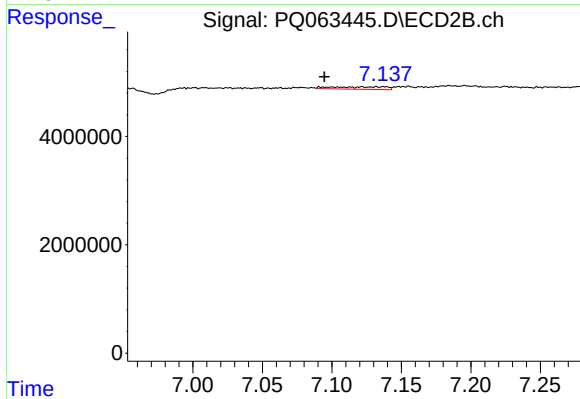
#39 AR-1262-4

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 2352581
Conc: 6.73 ng/ml



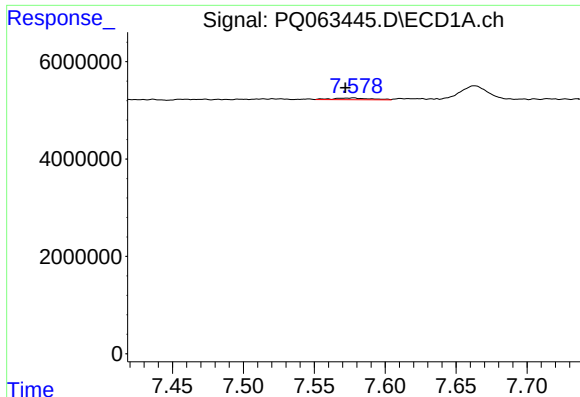
#40 AR-1262-5

R.T.: 8.169 min
Delta R.T.: 0.013 min
Response: 913950
Conc: 5.33 ng/ml



#40 AR-1262-5

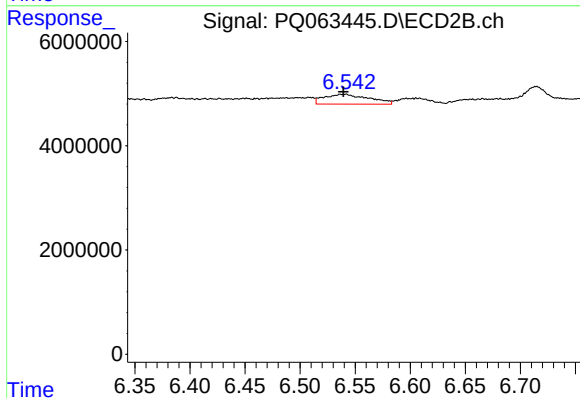
R.T.: 7.132 min
Delta R.T.: 0.037 min
Response: 1219753
Conc: 7.36 ng/ml



#41 AR-1268-1

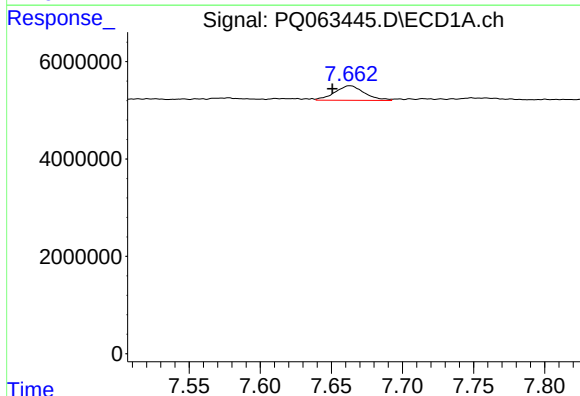
R.T.: 7.578 min
Delta R.T.: 0.006 min
Response: 642106
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



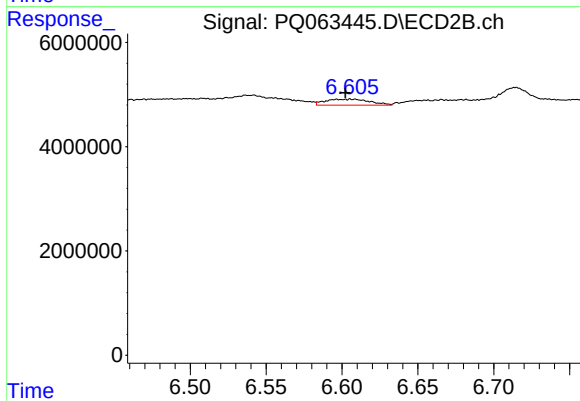
#41 AR-1268-1

R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 5294692
Conc: 9.44 ng/ml



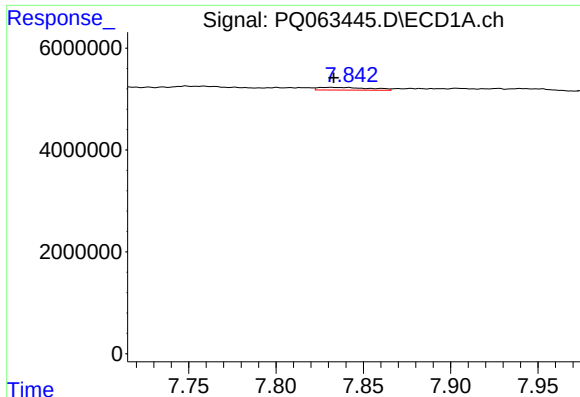
#42 AR-1268-2

R.T.: 7.663 min
Delta R.T.: 0.012 min
Response: 4363544
Conc: 7.62 ng/ml



#42 AR-1268-2

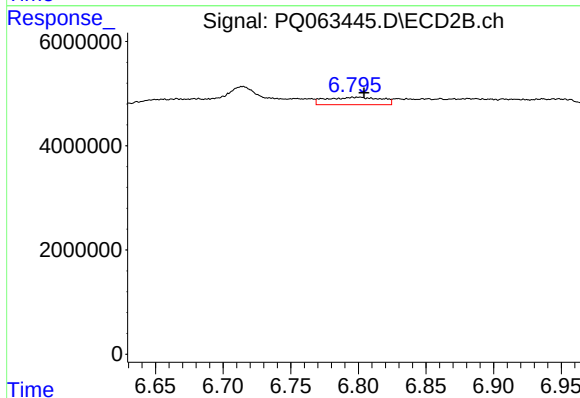
R.T.: 6.597 min
Delta R.T.: -0.005 min
Response: 2352581
Conc: 4.73 ng/ml



#43 AR-1268-3

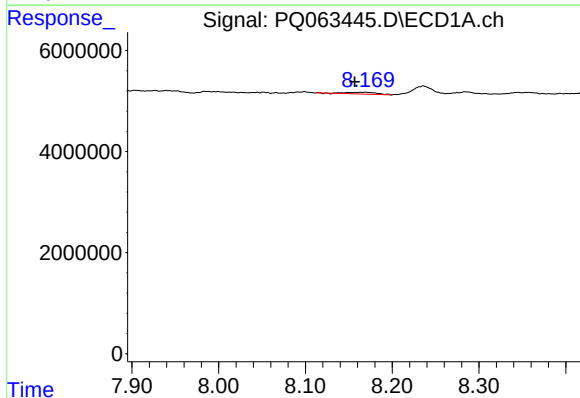
R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 1063738
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



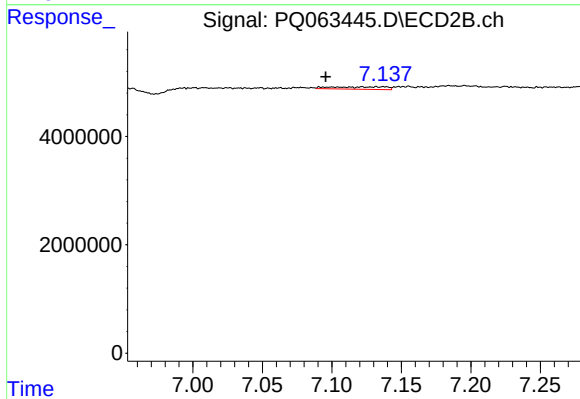
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 4034529
Conc: 9.46 ng/ml



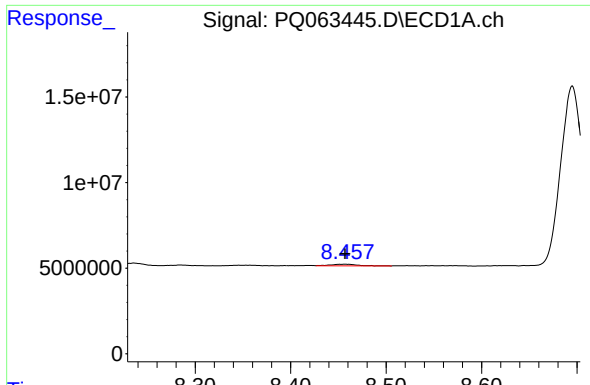
#44 AR-1268-4

R.T.: 8.169 min
Delta R.T.: 0.012 min
Response: 913950
Conc: 4.75 ng/ml



#44 AR-1268-4

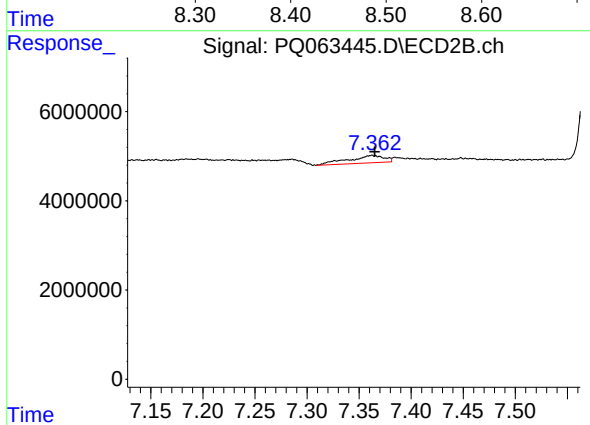
R.T.: 7.132 min
Delta R.T.: 0.036 min
Response: 1219753
Conc: 6.59 ng/ml



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 1807493
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 4006289
Conc: 3.05 ng/ml