

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ063999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 09:43
 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: Nov 13 10:52:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.460	2.777	222.4E6	189.9E6	52.179	51.631
2)	SA Decachlor...	8.695	7.574	161.2E6	245.0E6	49.929	52.280
Target Compounds							
3)	L1 AR-1016-1	4.575	3.787	58220254	48539795	422.468	385.304
4)	L1 AR-1016-2	4.595	3.802	85318572	70557387	403.948	389.432
5)	L1 AR-1016-3	4.653	3.963	53257104	37834395	399.893	388.245
6)	L1 AR-1016-4	4.746	4.012	43086176	32790503	409.805	388.666
7)	L1 AR-1016-5	5.036	4.209	45268573	40758959	427.287	407.545
8)	L2 AR-1221-1	3.661	2.979	7100106	6401231	131.212	124.219
9)	L2 AR-1221-2	3.743	3.058	9192610	8659677	251.647	248.361
10)	L2 AR-1221-3	3.814	3.126	33824452	31268441	284.822	283.477
11)	L3 AR-1232-1	3.814	3.126	33824452	31268441	361.632	361.113
12)	L3 AR-1232-2	4.314	3.802	47106435	70557387	896.975	887.051
13)	L3 AR-1232-3	4.595	3.963	85318572	37834395	948.589	913.890
14)	L3 AR-1232-4	4.746	4.050	43086176	35903273	985.385	988.619
15)	L3 AR-1232-5	4.844	4.209	35605427	40758959	1064.747	970.050
16)	L4 AR-1242-1	4.575	3.787	58220254	48539795	516.668	471.870
17)	L4 AR-1242-2	4.595	3.802	85318572	70557387	504.545	478.123
18)	L4 AR-1242-3	4.653	3.963	53257104	37834395	504.588	475.573
19)	L4 AR-1242-4	4.746	4.050	43086176	35903273	507.807	473.123
20)	L4 AR-1242-5	5.467	4.547	45712121	46784026	516.977	465.078
21)	L5 AR-1248-1	4.575	3.787	58220254	48539795	699.295	622.512
22)	L5 AR-1248-2	4.844	4.012	35605427	32790503	293.360	276.615
23)	L5 AR-1248-3	5.036	4.050	45268573	35903273	312.643	318.678
24)	L5 AR-1248-4	5.433	4.209	44062876	40758959	284.324	296.089
25)	L5 AR-1248-5	5.467	4.585	45712121	37729785	298.954	281.004
26)	L6 AR-1254-1	5.404	4.547	35421199	46784026	225.685	240.704
27)	L6 AR-1254-2	5.620	4.695	41525463	13073356	175.098	75.046 #
28)	L6 AR-1254-3	5.980	5.077	18931280	19024388	76.354	71.074
29)	L6 AR-1254-4	6.266	5.305	13894747	13617871	76.672	77.626
30)	L6 AR-1254-5	6.681	5.712	5849530	7008793	29.327	27.492
31)	L7 AR-1260-1	6.147	5.210	3327823	8889007	16.255	44.941 #
32)	L7 AR-1260-2	6.407	5.398	2930935	3866374	12.133	16.195 #
33)	L7 AR-1260-3	6.736f	5.536	615462	3907206	3.824	17.298 #
34)	L7 AR-1260-4	6.960	6.012	3544250	683199	19.211	3.971 #
35)	L7 AR-1260-5	7.290	6.254	1454870	1969676	4.094	4.936
36)	L8 AR-1262-1	6.736f	5.806	615462	192062	2.355	1.754 #
37)	L8 AR-1262-2	7.290	6.012	1454870	683199	3.420	2.766
38)	L8 AR-1262-3	7.576	6.541	607810	542180	2.121	2.676 #
39)	L8 AR-1262-4	7.658	6.585	450678	741143	1.964	1.989
40)	L8 AR-1262-5	8.153	7.087	245743	151221	1.725	0.836 #
41)	L9 AR-1268-1	7.576	6.541	607810	542180	1.229	0.945

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
Data File : PQ063999.D
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Acq On : 13 Nov 2023 09:43
Operator : YP\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

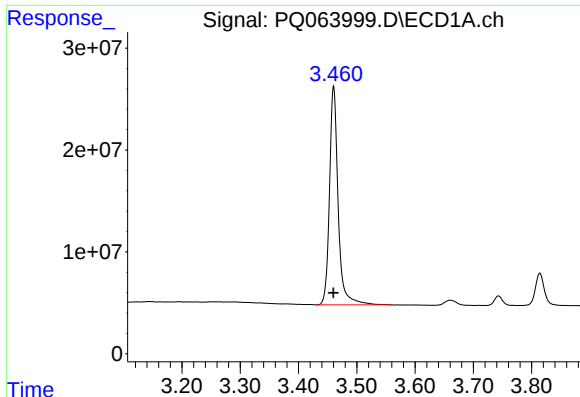
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 10:52:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 08 18:43:53 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	7.658	6.585	450678	741143	1.006	1.428 #
43)	L9 AR-1268-3	7.832	6.793	1683245	2966791	4.315	6.398 #
44)	L9 AR-1268-4	8.153	7.087	245743	151221	1.572	0.774 #
45)	L9 AR-1268-5	8.456	7.359	1740363	363835	1.543	0.238 #

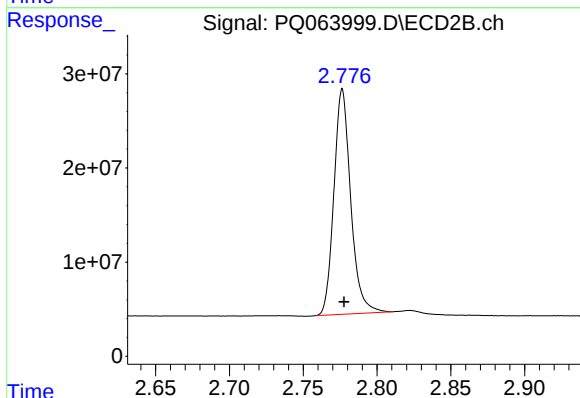
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

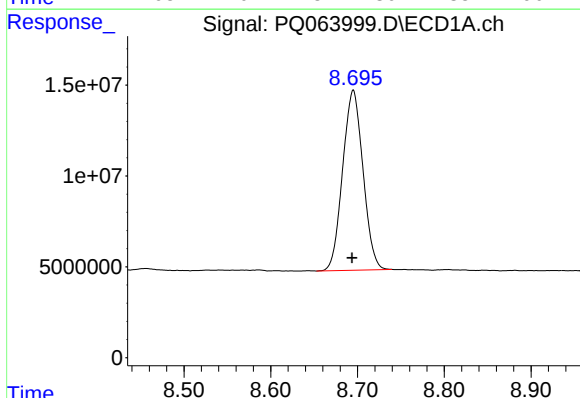
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 222410435
Conc: 52.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



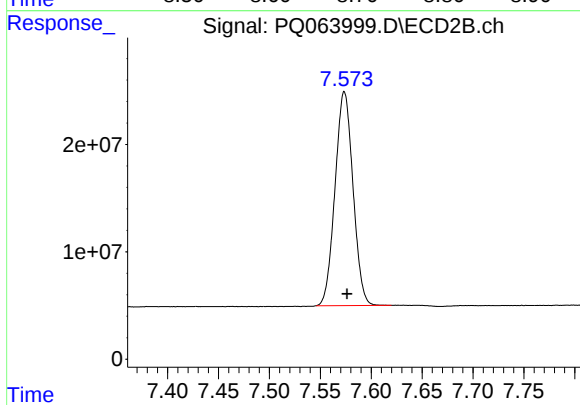
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 189881746
Conc: 51.63 ng/ml



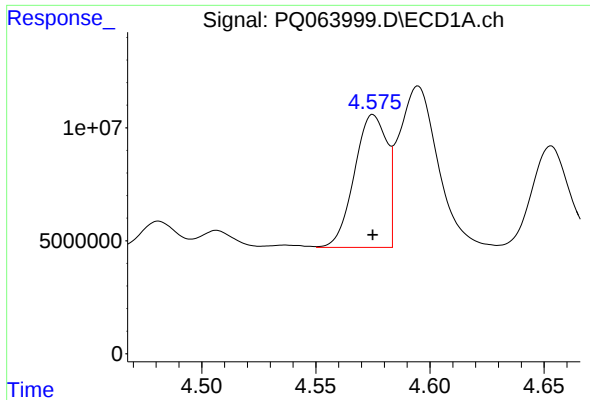
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 161203546
Conc: 49.93 ng/ml



#2 Decachlorobiphenyl

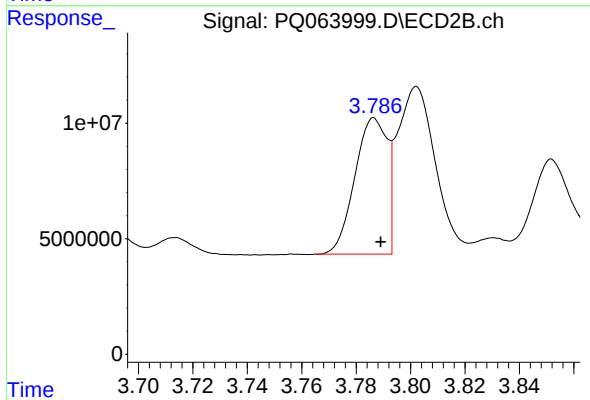
R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 244955433
Conc: 52.28 ng/ml



#3 AR-1016-1

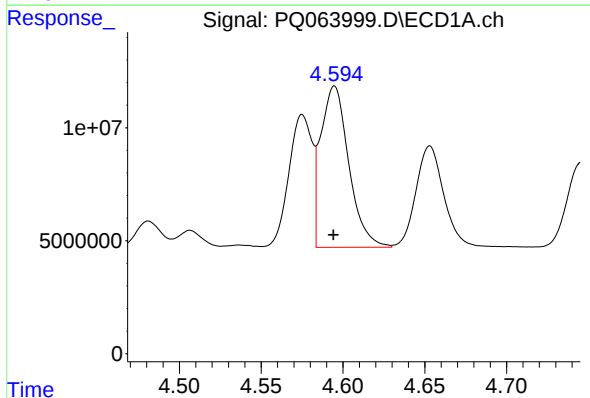
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 58220254
Conc: 422.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



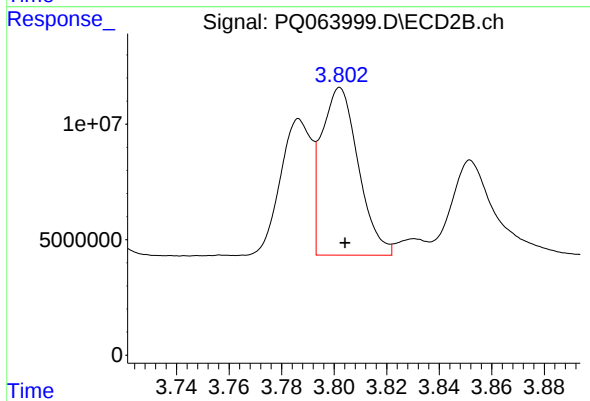
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 48539795
Conc: 385.30 ng/ml



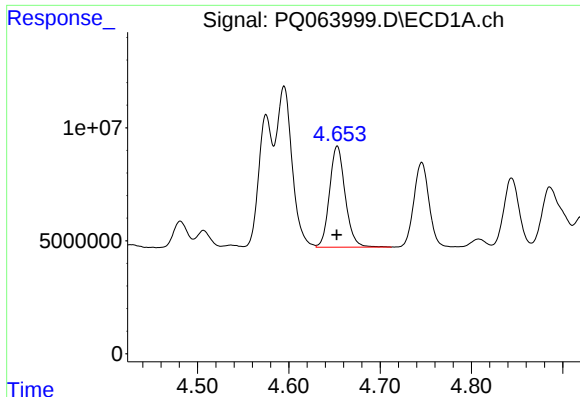
#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 85318572
Conc: 403.95 ng/ml



#4 AR-1016-2

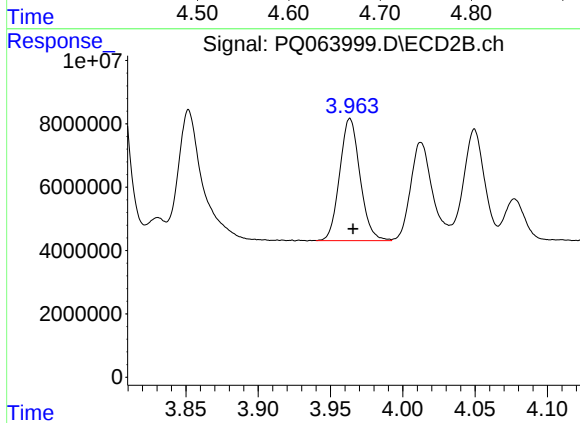
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 70557387
Conc: 389.43 ng/ml



#5 AR-1016-3

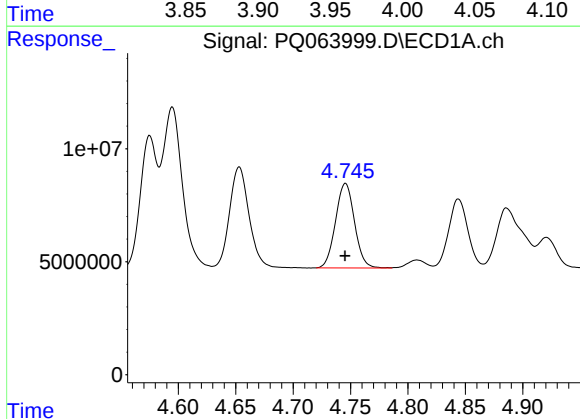
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 53257104
Conc: 399.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



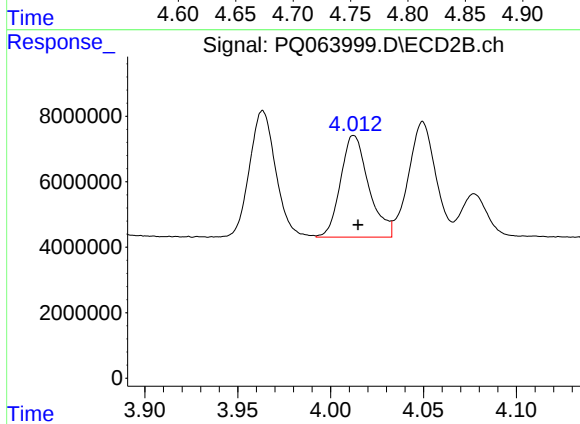
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 37834395
Conc: 388.24 ng/ml



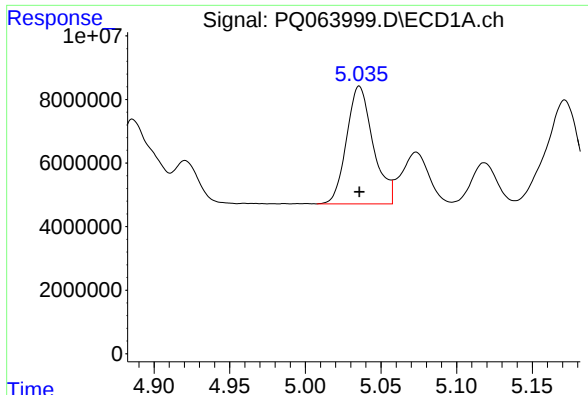
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 43086176
Conc: 409.80 ng/ml



#6 AR-1016-4

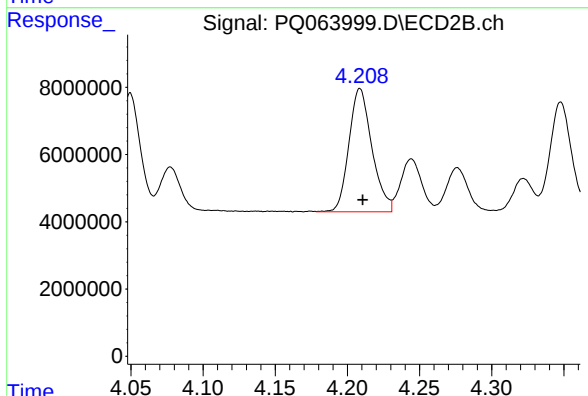
R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 32790503
Conc: 388.67 ng/ml



#7 AR-1016-5

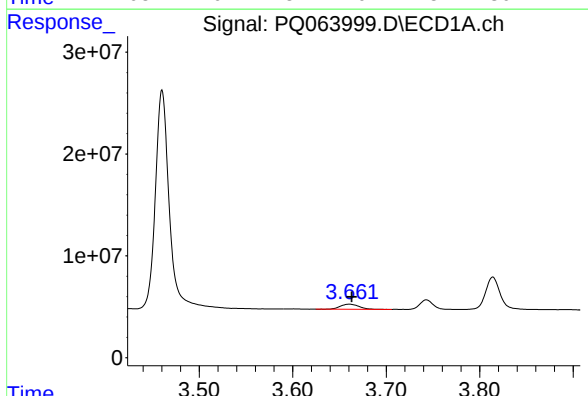
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 45268573
Conc: 427.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



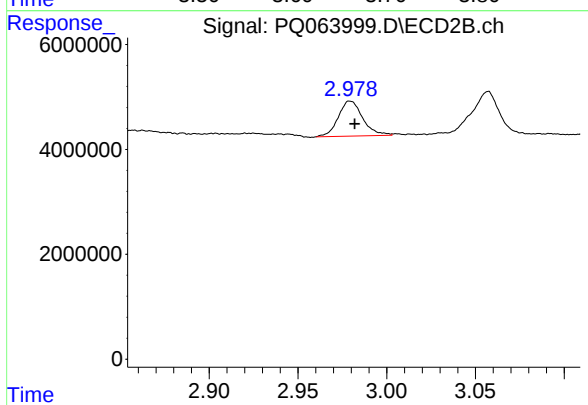
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 40758959
Conc: 407.54 ng/ml



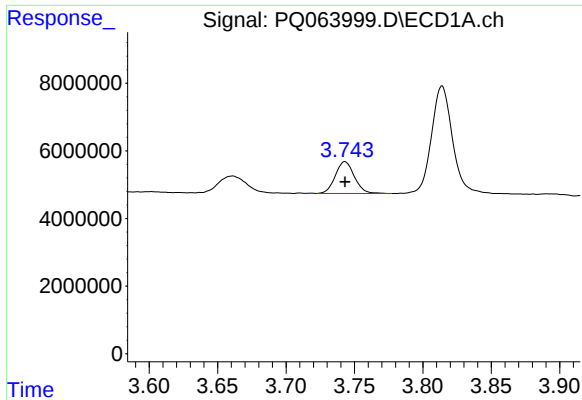
#8 AR-1221-1

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 7100106
Conc: 131.21 ng/ml



#8 AR-1221-1

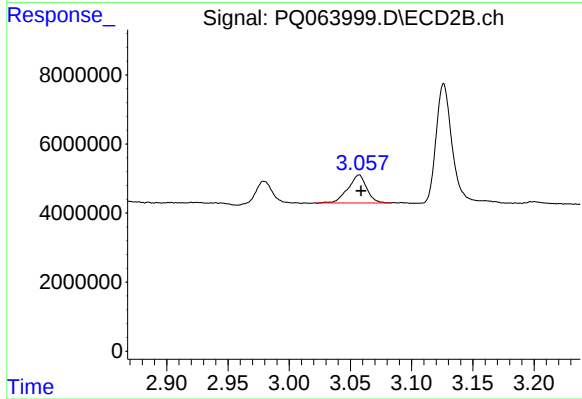
R.T.: 2.979 min
Delta R.T.: -0.003 min
Response: 6401231
Conc: 124.22 ng/ml



#9 AR-1221-2

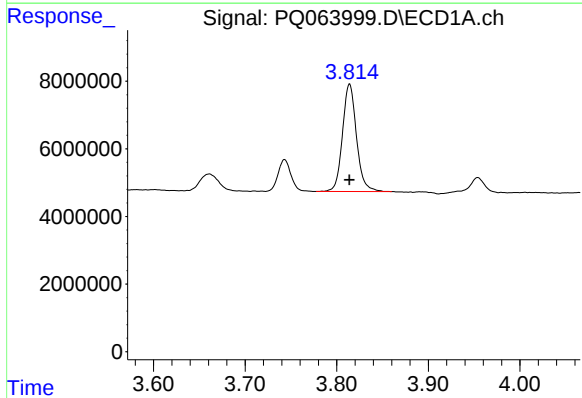
R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 9192610
Conc: 251.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



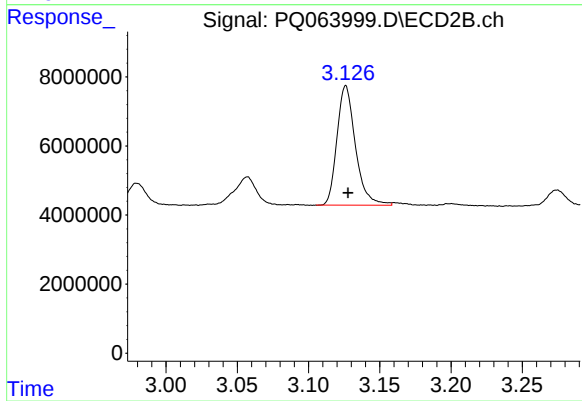
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: -0.001 min
Response: 8659677
Conc: 248.36 ng/ml



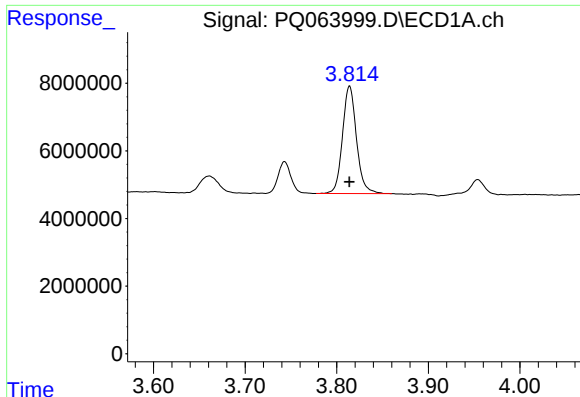
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 33824452
Conc: 284.82 ng/ml



#10 AR-1221-3

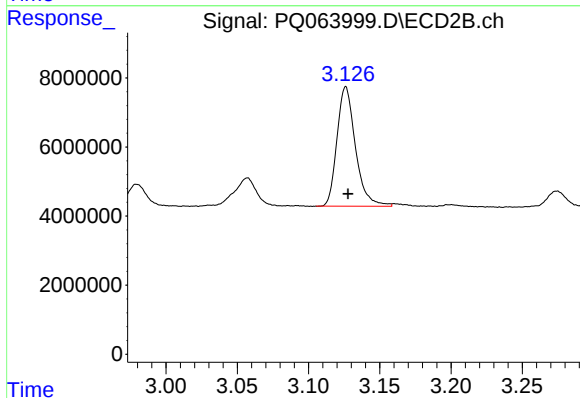
R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 31268441
Conc: 283.48 ng/ml



#11 AR-1232-1

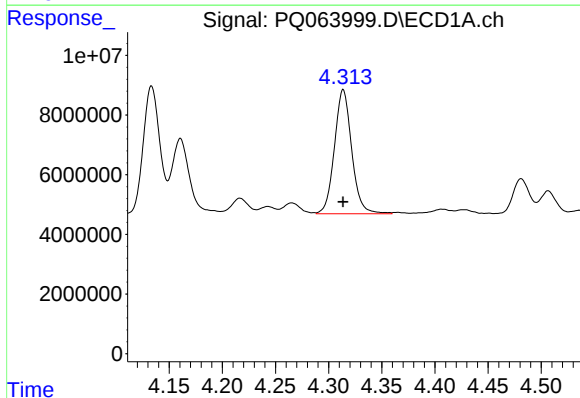
R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 33824452
Conc: 361.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



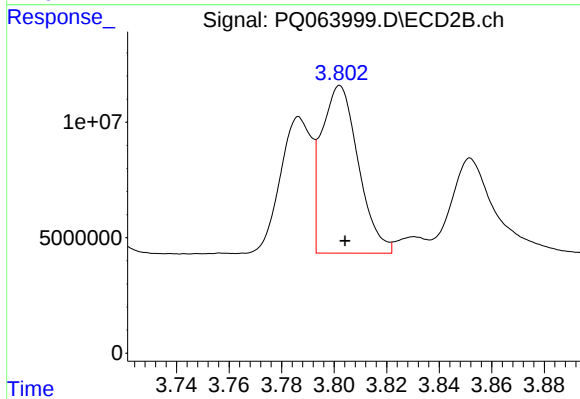
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 31268441
Conc: 361.11 ng/ml



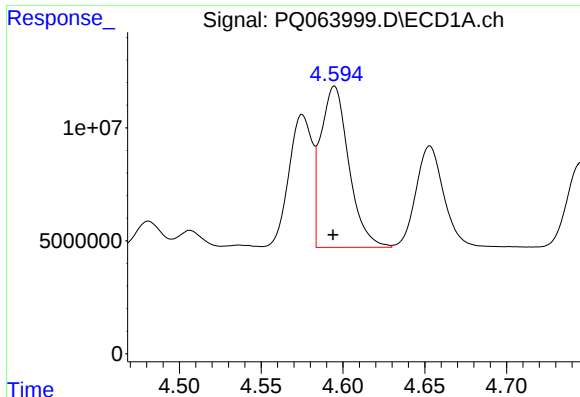
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 47106435
Conc: 896.97 ng/ml



#12 AR-1232-2

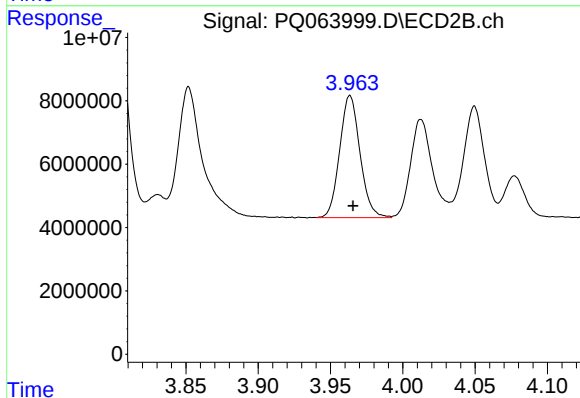
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 70557387
Conc: 887.05 ng/ml



#13 AR-1232-3

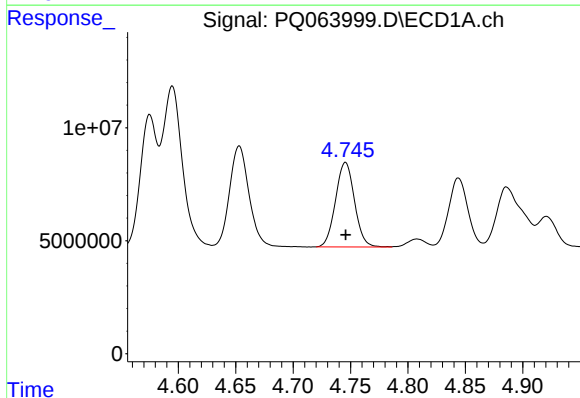
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 85318572
Conc: 948.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



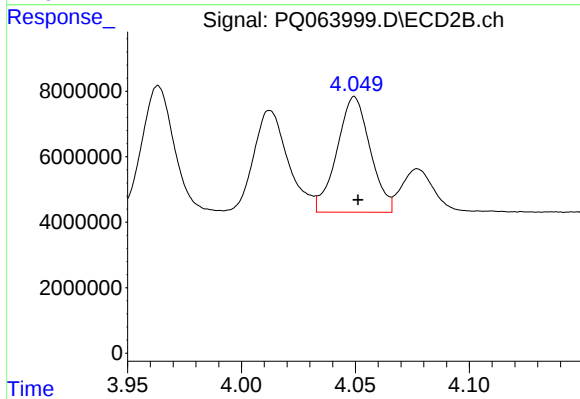
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 37834395
Conc: 913.89 ng/ml



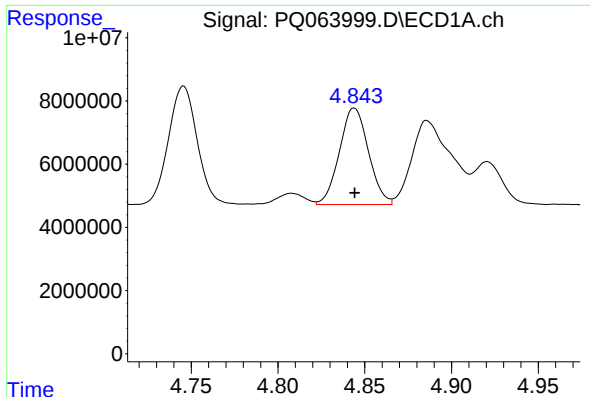
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 43086176
Conc: 985.39 ng/ml



#14 AR-1232-4

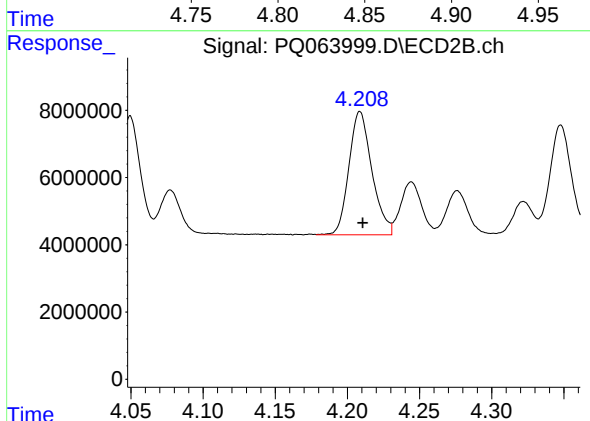
R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 35903273
Conc: 988.62 ng/ml



#15 AR-1232-5

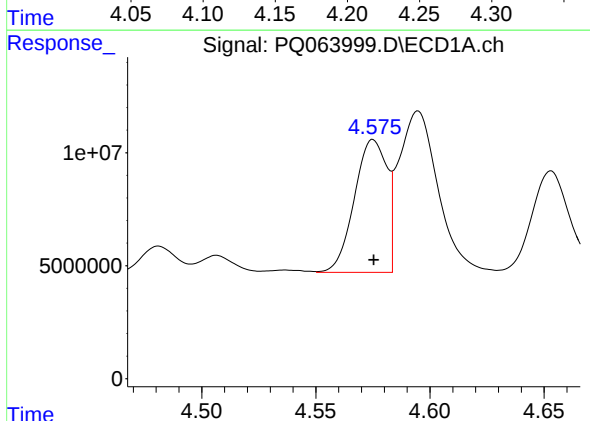
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 35605427
Conc: 1064.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



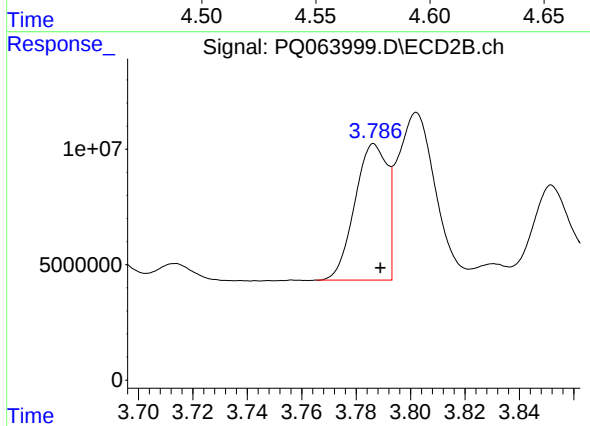
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 40758959
Conc: 970.05 ng/ml



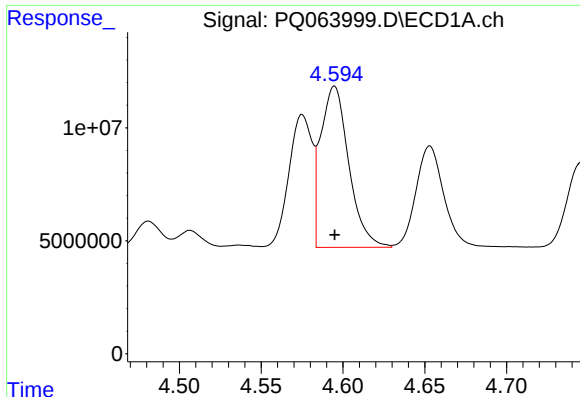
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 58220254
Conc: 516.67 ng/ml



#16 AR-1242-1

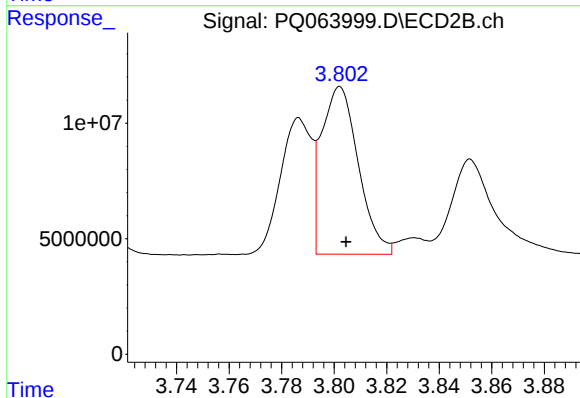
R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 48539795
Conc: 471.87 ng/ml



#17 AR-1242-2

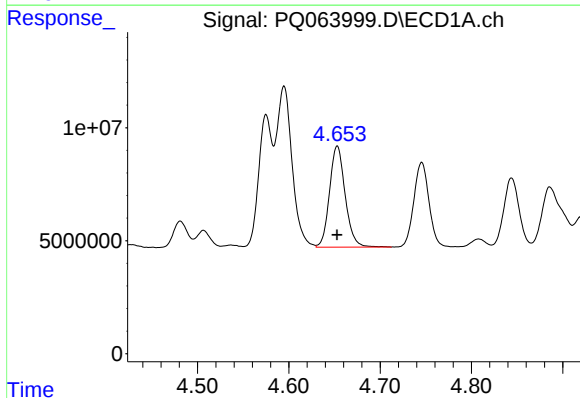
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 85318572
Conc: 504.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



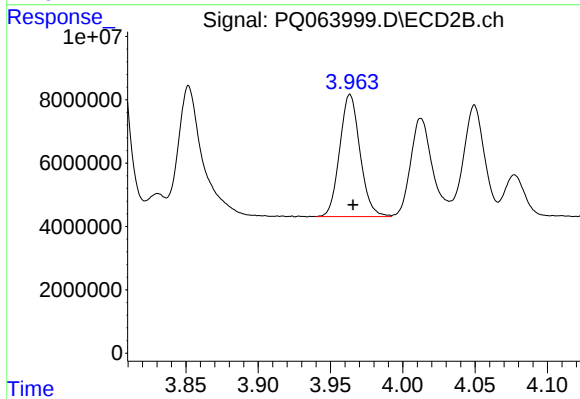
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 70557387
Conc: 478.12 ng/ml



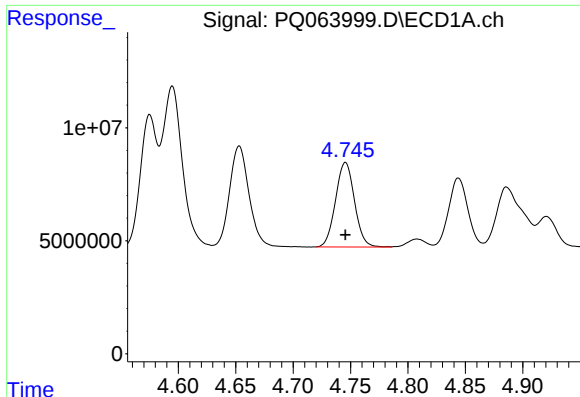
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 53257104
Conc: 504.59 ng/ml



#18 AR-1242-3

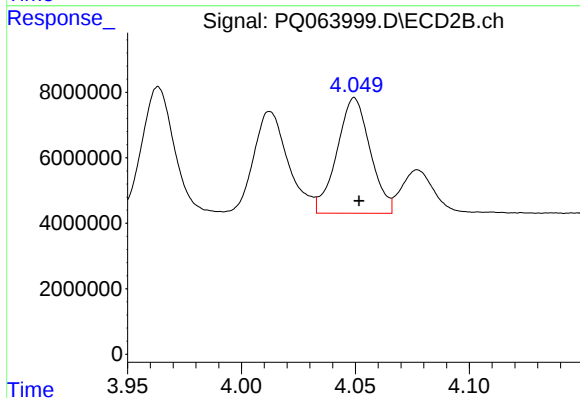
R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 37834395
Conc: 475.57 ng/ml



#19 AR-1242-4

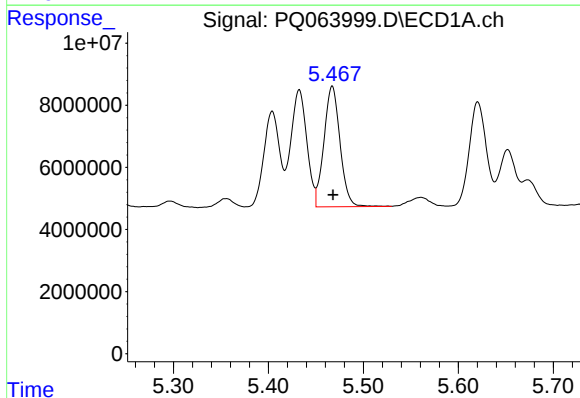
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 43086176
Conc: 507.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



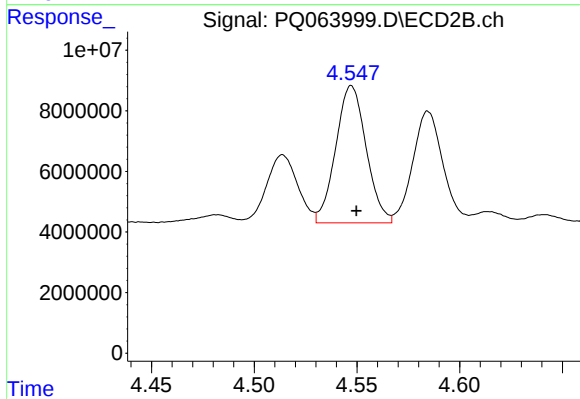
#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 35903273
Conc: 473.12 ng/ml



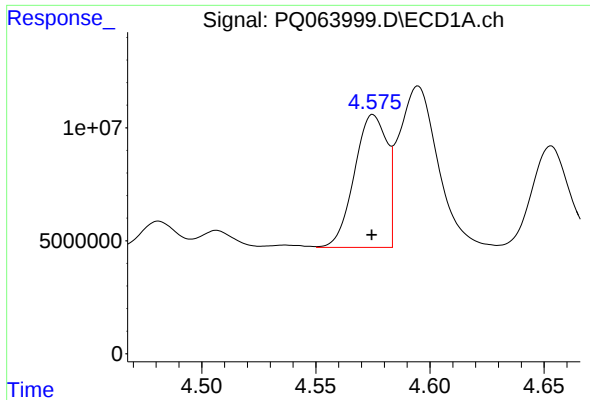
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 45712121
Conc: 516.98 ng/ml



#20 AR-1242-5

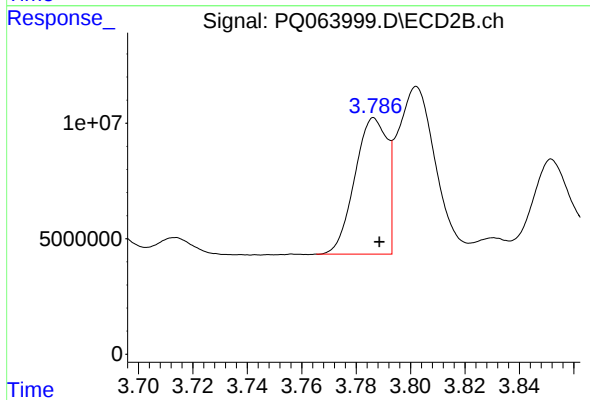
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 46784026
Conc: 465.08 ng/ml



#21 AR-1248-1

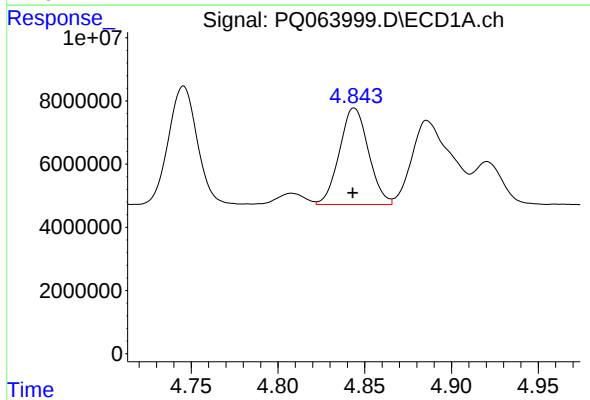
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 58220254
Conc: 699.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



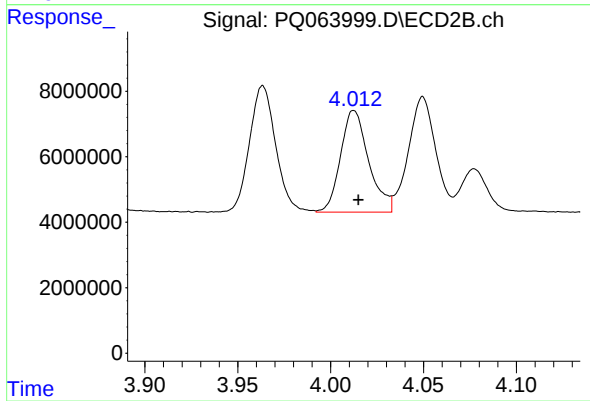
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 48539795
Conc: 622.51 ng/ml



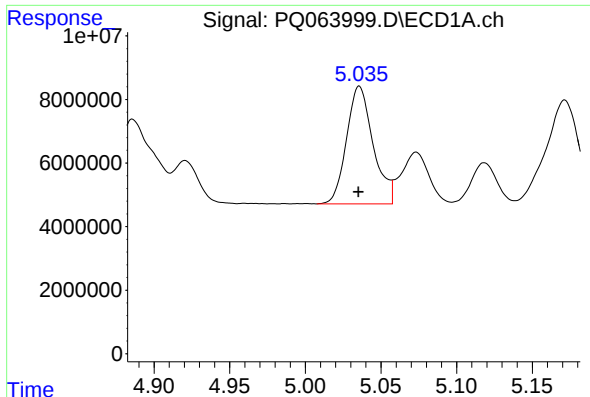
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 35605427
Conc: 293.36 ng/ml



#22 AR-1248-2

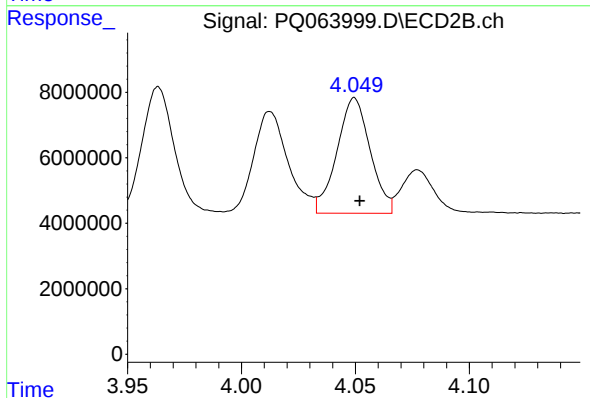
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 32790503
Conc: 276.61 ng/ml



#23 AR-1248-3

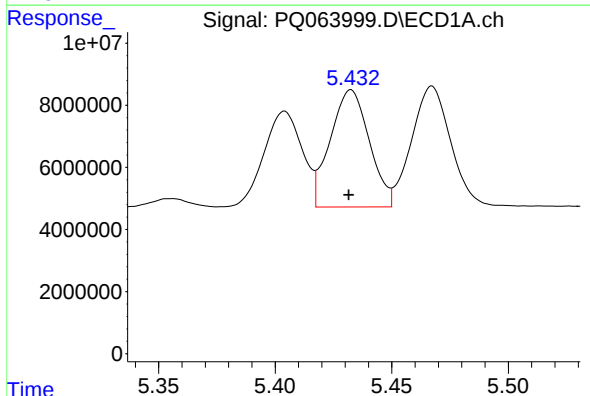
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 45268573
Conc: 312.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



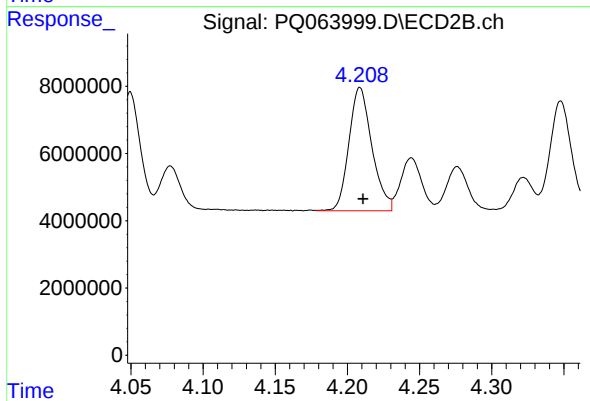
#23 AR-1248-3

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 35903273
Conc: 318.68 ng/ml



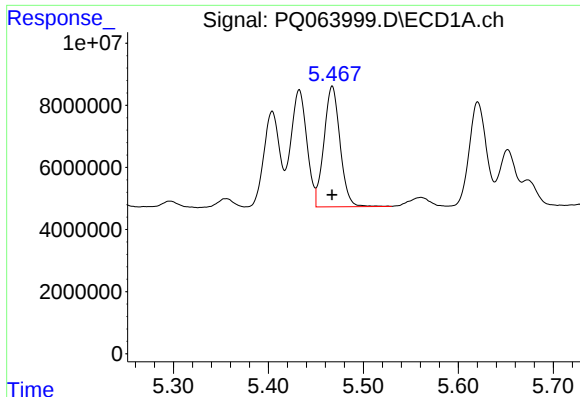
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 44062876
Conc: 284.32 ng/ml



#24 AR-1248-4

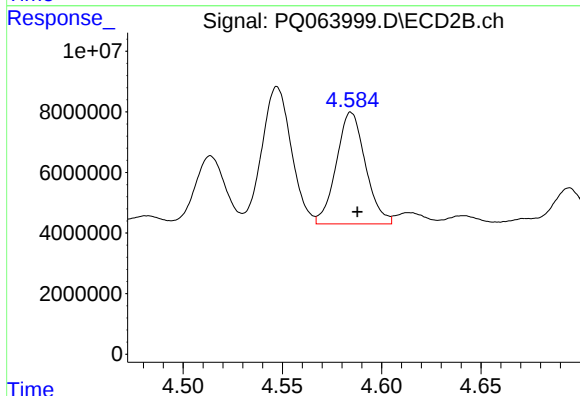
R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 40758959
Conc: 296.09 ng/ml



#25 AR-1248-5

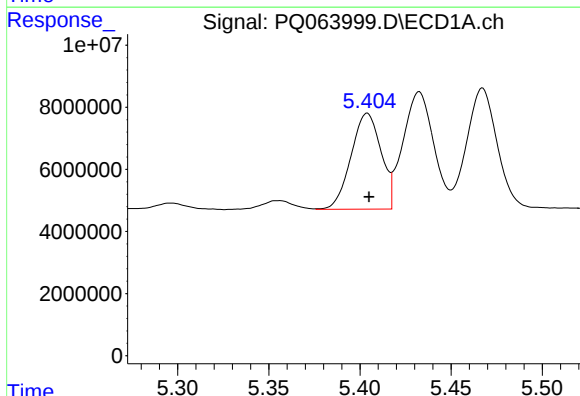
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 45712121
Conc: 298.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



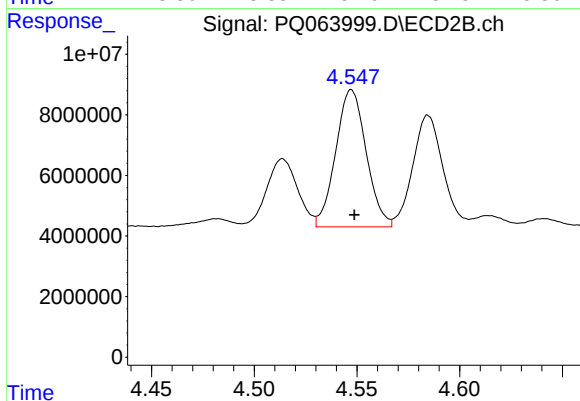
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 37729785
Conc: 281.00 ng/ml



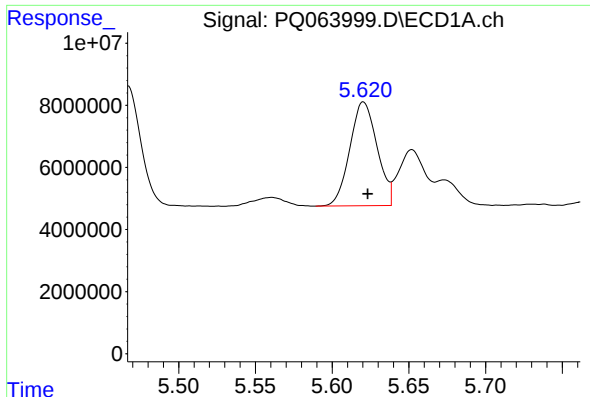
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 35421199
Conc: 225.68 ng/ml



#26 AR-1254-1

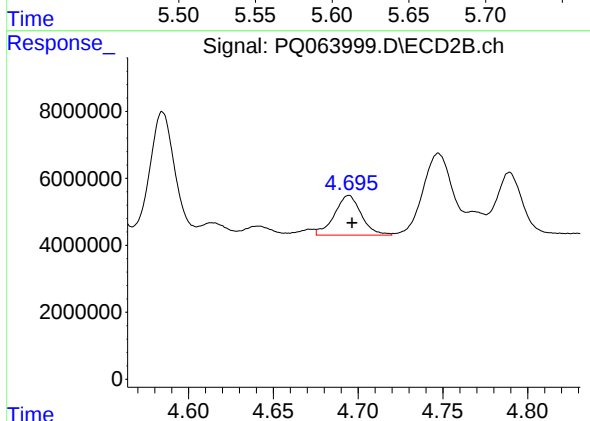
R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 46784026
Conc: 240.70 ng/ml



#27 AR-1254-2

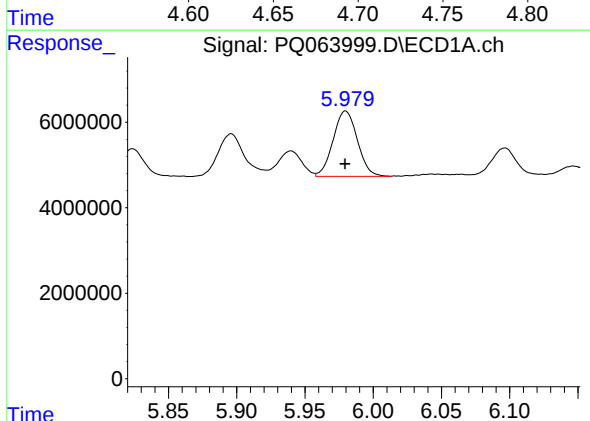
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 41525463
Conc: 175.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



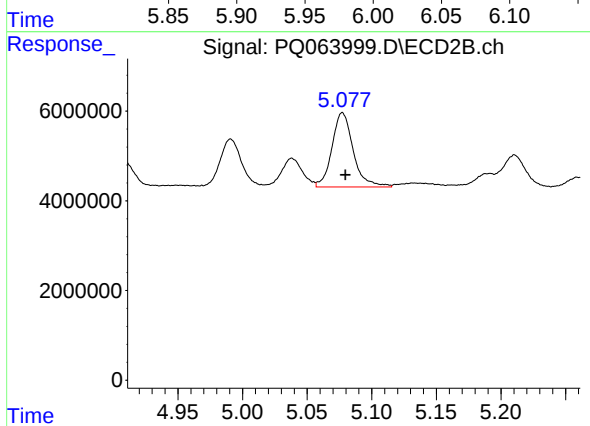
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 13073356
Conc: 75.05 ng/ml



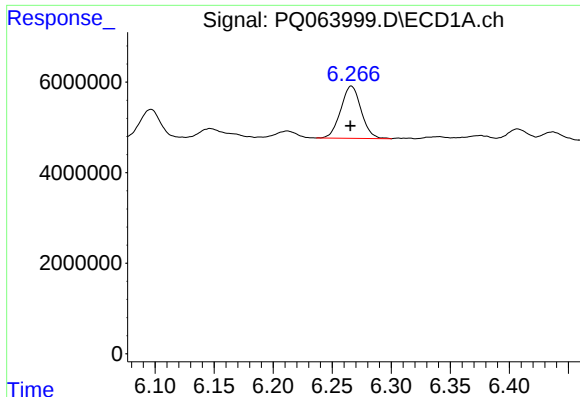
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18931280
Conc: 76.35 ng/ml



#28 AR-1254-3

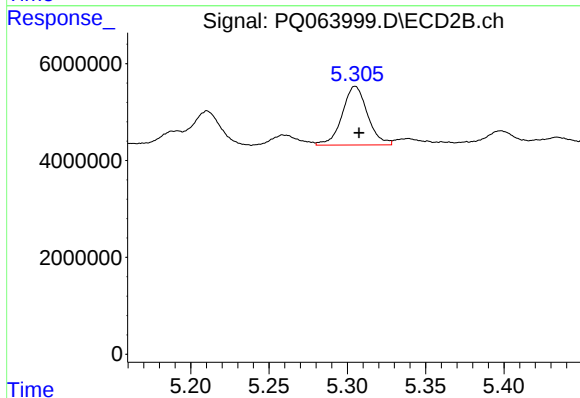
R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 19024388
Conc: 71.07 ng/ml



#29 AR-1254-4

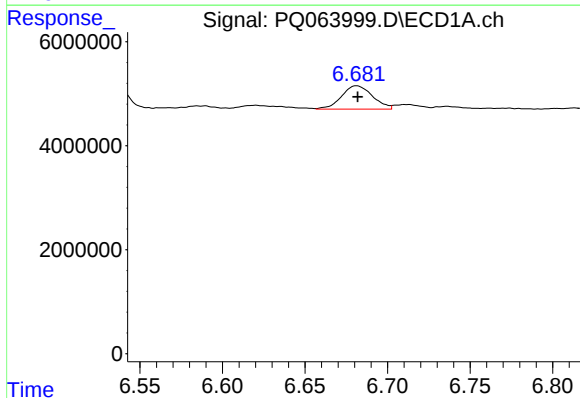
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 13894747
Conc: 76.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



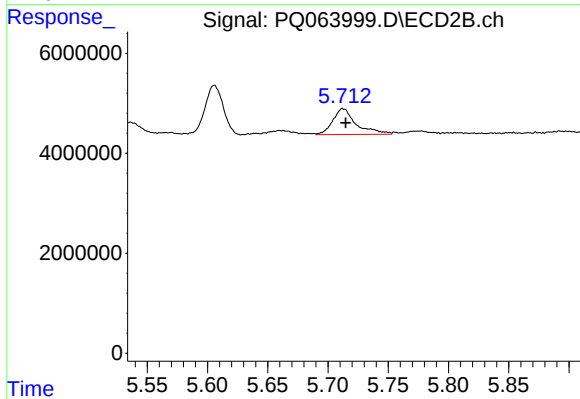
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: -0.003 min
Response: 13617871
Conc: 77.63 ng/ml



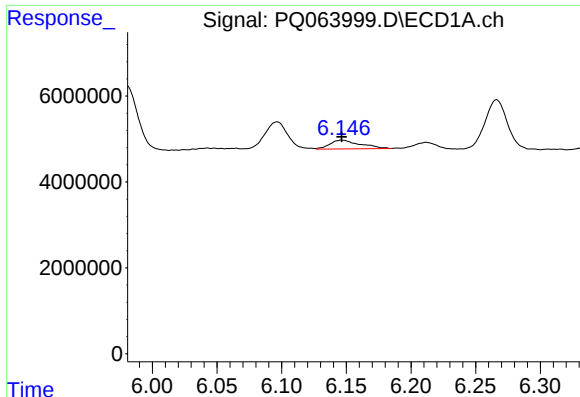
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 5849530
Conc: 29.33 ng/ml



#30 AR-1254-5

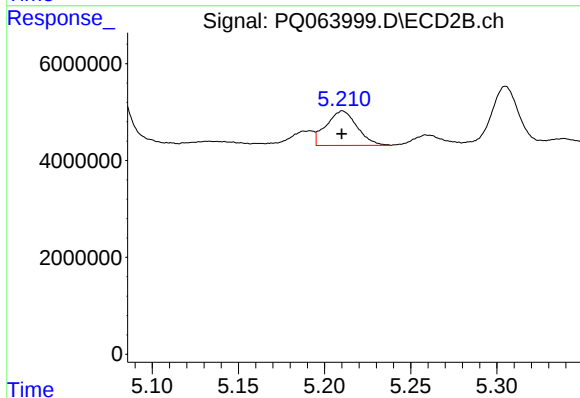
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 7008793
Conc: 27.49 ng/ml



#31 AR-1260-1

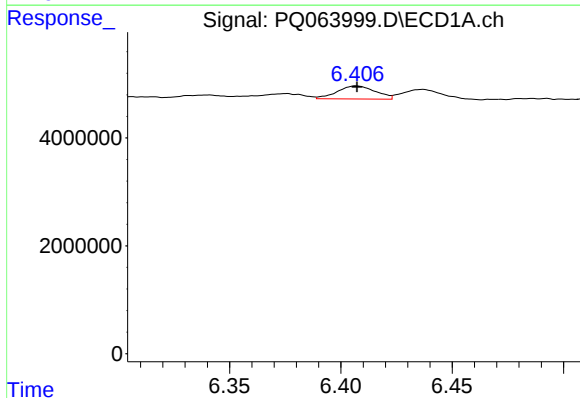
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3327823
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



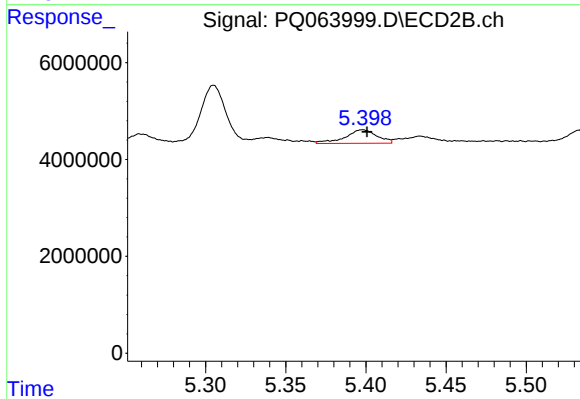
#31 AR-1260-1

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 8889007
Conc: 44.94 ng/ml



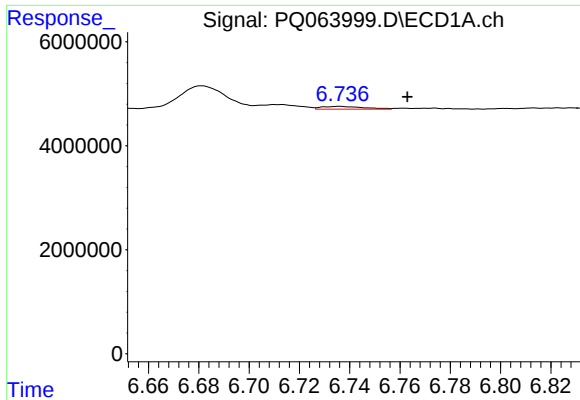
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2930935
Conc: 12.13 ng/ml



#32 AR-1260-2

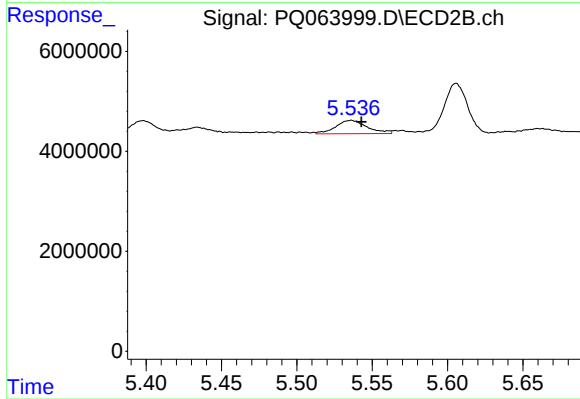
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 3866374
Conc: 16.20 ng/ml



#33 AR-1260-3

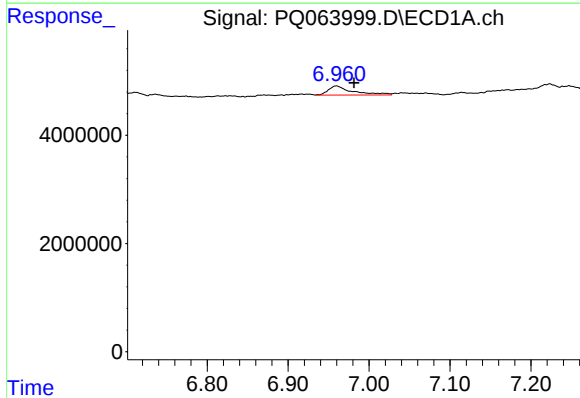
R.T.: 6.736 min
Delta R.T.: -0.027 min
Response: 615462
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



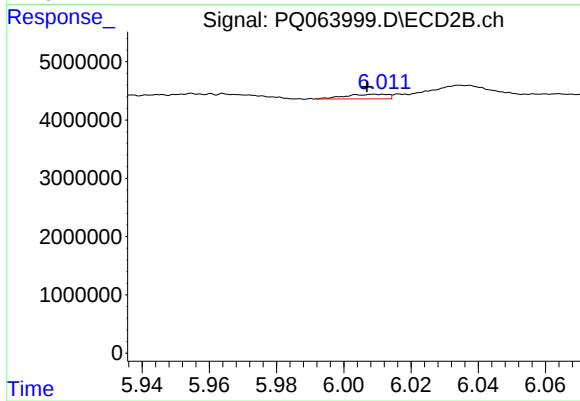
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 3907206
Conc: 17.30 ng/ml



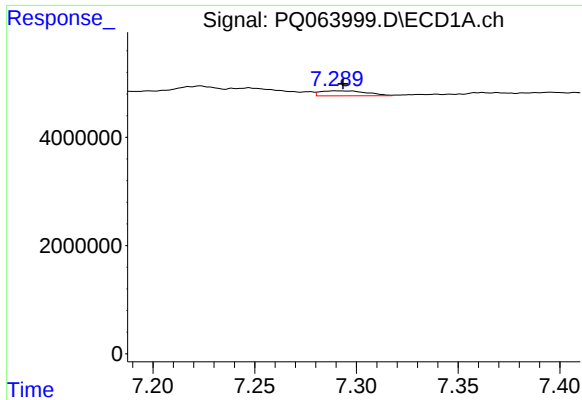
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.022 min
Response: 3544250
Conc: 19.21 ng/ml



#34 AR-1260-4

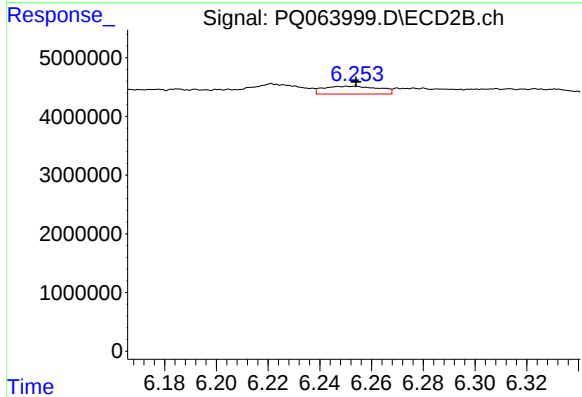
R.T.: 6.012 min
Delta R.T.: 0.005 min
Response: 683199
Conc: 3.97 ng/ml



#35 AR-1260-5

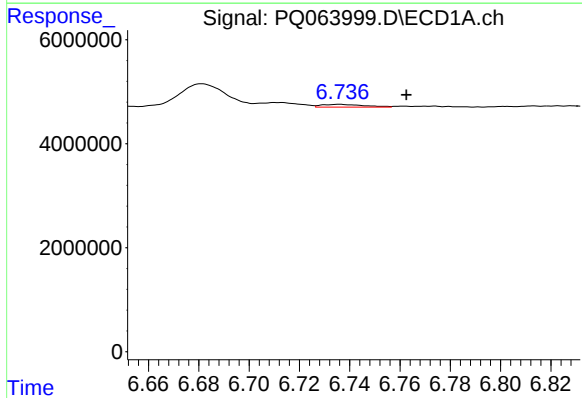
R.T.: 7.290 min
Delta R.T.: -0.003 min
Response: 1454870
Conc: 4.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



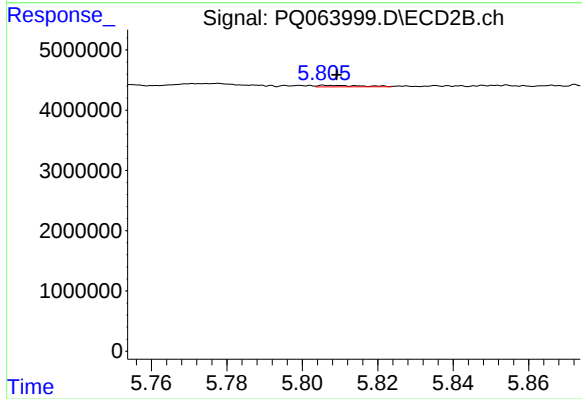
#35 AR-1260-5

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1969676
Conc: 4.94 ng/ml



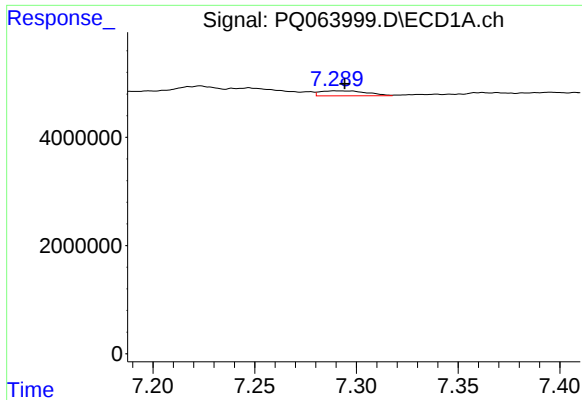
#36 AR-1262-1

R.T.: 6.736 min
Delta R.T.: -0.027 min
Response: 615462
Conc: 2.36 ng/ml



#36 AR-1262-1

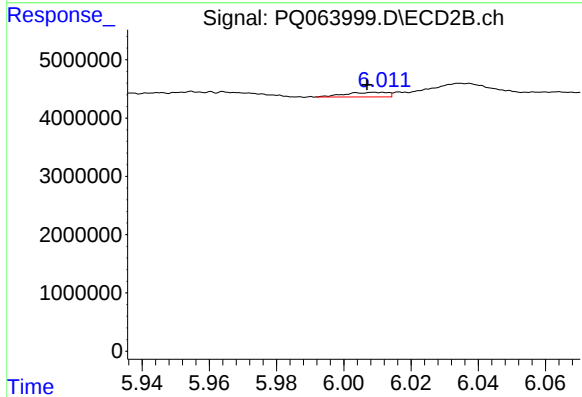
R.T.: 5.806 min
Delta R.T.: -0.003 min
Response: 192062
Conc: 1.75 ng/ml



#37 AR-1262-2

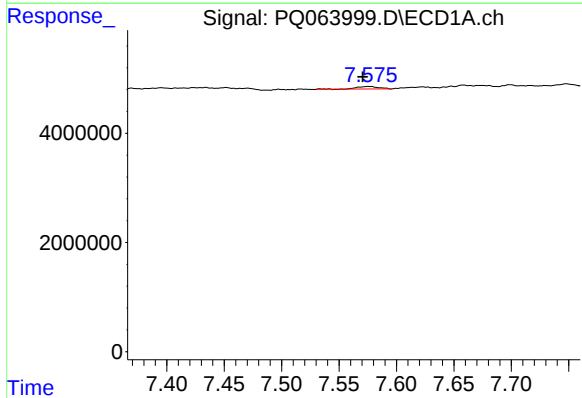
R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 1454870
Conc: 3.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



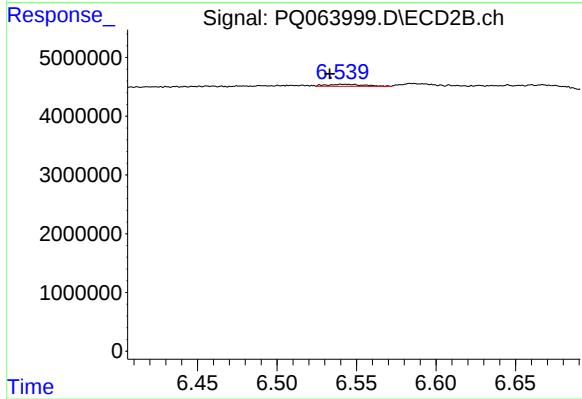
#37 AR-1262-2

R.T.: 6.012 min
Delta R.T.: 0.005 min
Response: 683199
Conc: 2.77 ng/ml



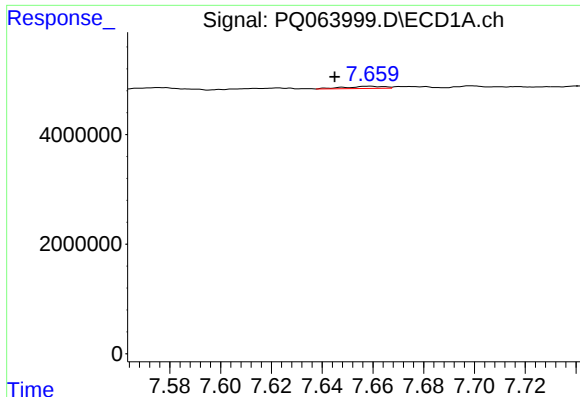
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.005 min
Response: 607810
Conc: 2.12 ng/ml



#38 AR-1262-3

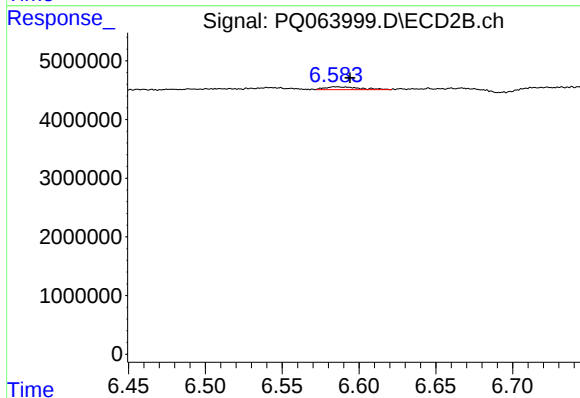
R.T.: 6.541 min
Delta R.T.: 0.008 min
Response: 542180
Conc: 2.68 ng/ml



#39 AR-1262-4

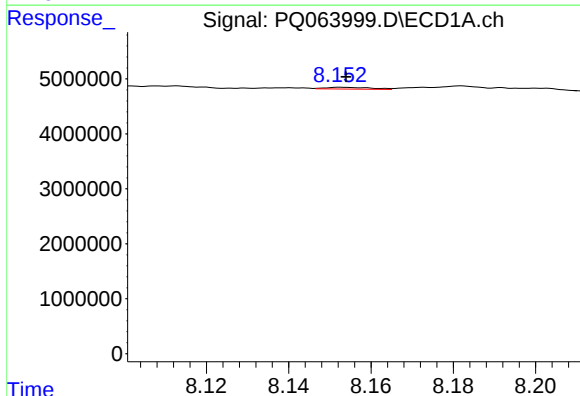
R.T.: 7.658 min
Delta R.T.: 0.013 min
Response: 450678
Conc: 1.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



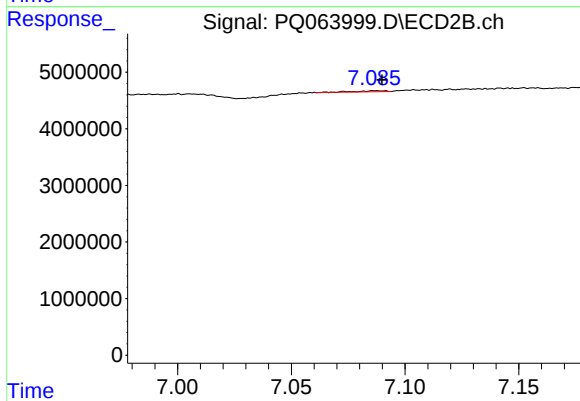
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.009 min
Response: 741143
Conc: 1.99 ng/ml



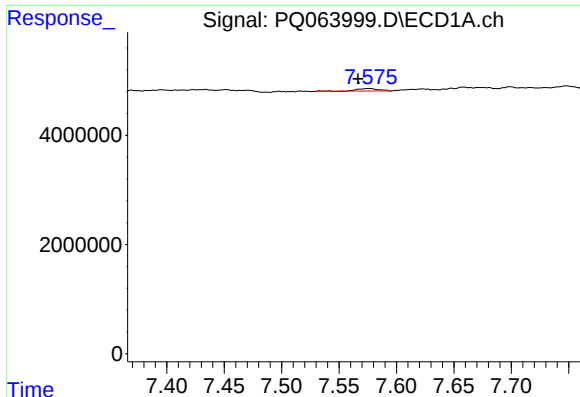
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 245743
Conc: 1.73 ng/ml



#40 AR-1262-5

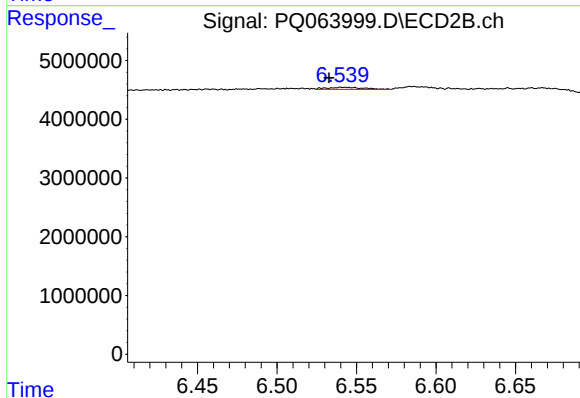
R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 151221
Conc: 0.84 ng/ml



#41 AR-1268-1

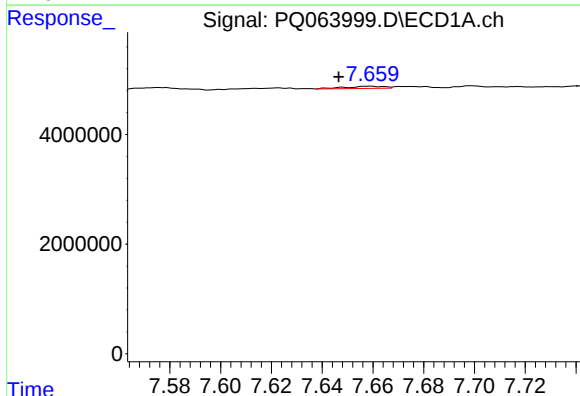
R.T.: 7.576 min
Delta R.T.: 0.009 min
Response: 607810
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



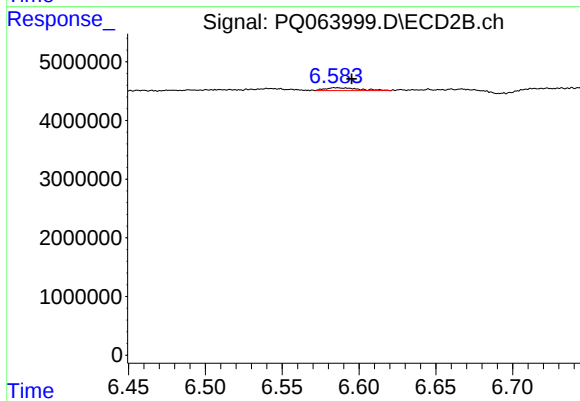
#41 AR-1268-1

R.T.: 6.541 min
Delta R.T.: 0.008 min
Response: 542180
Conc: 0.94 ng/ml



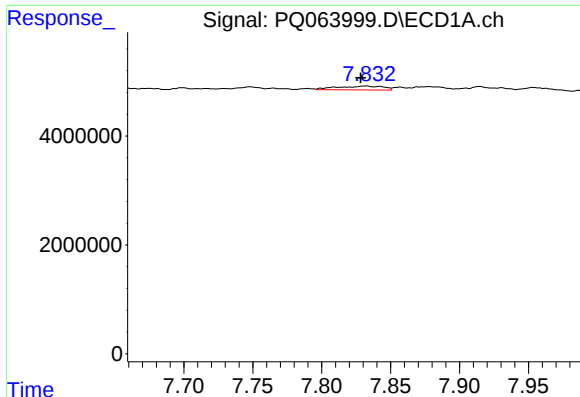
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.012 min
Response: 450678
Conc: 1.01 ng/ml



#42 AR-1268-2

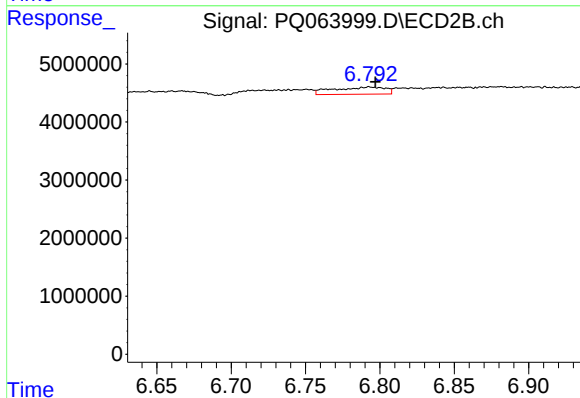
R.T.: 6.585 min
Delta R.T.: -0.011 min
Response: 741143
Conc: 1.43 ng/ml



#43 AR-1268-3

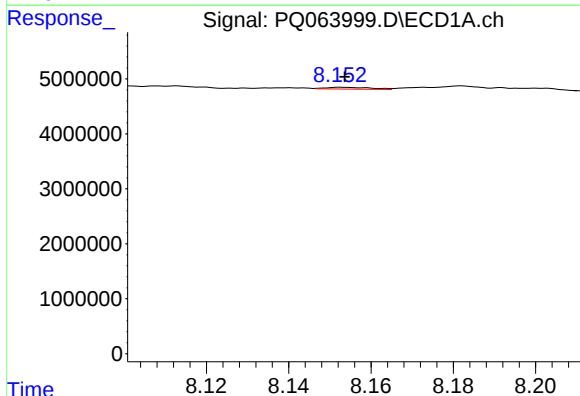
R.T.: 7.832 min
Delta R.T.: 0.004 min
Response: 1683245
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



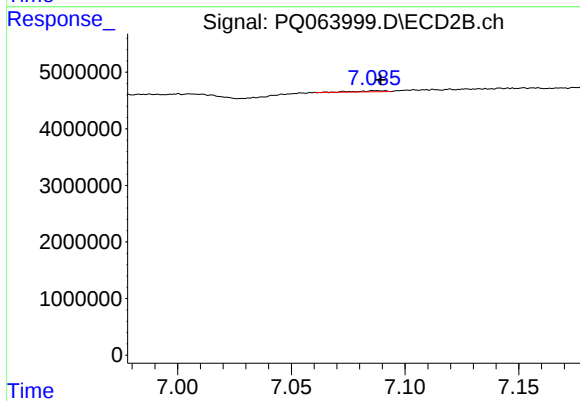
#43 AR-1268-3

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 2966791
Conc: 6.40 ng/ml



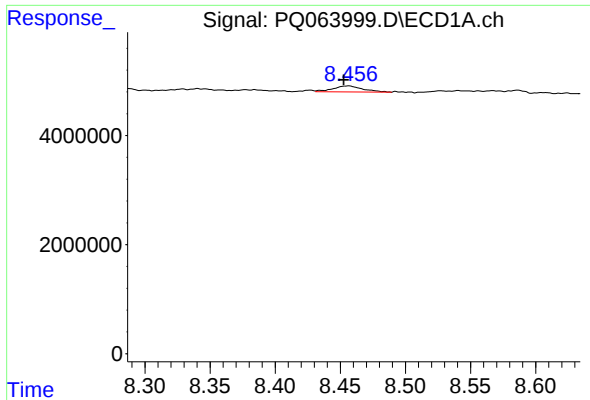
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 245743
Conc: 1.57 ng/ml



#44 AR-1268-4

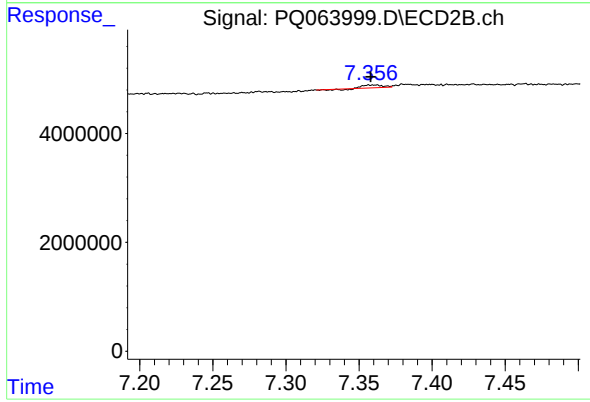
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 151221
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.004 min
Response: 1740363
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.359 min
Delta R.T.: 0.001 min
Response: 363835
Conc: 0.24 ng/ml