

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111523\
 Data File : PQ064117.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 12:07
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:09:45 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	209.2E6	207.4E6	49.091	56.393
2) SA Decachlor...	8.691	7.572	150.6E6	222.1E6	46.644	47.409
Target Compounds						
3) L1 AR-1016-1	4.574	3.786	42389558	39218196	307.594	311.310
4) L1 AR-1016-2	4.594	3.802	51845733	40747757	245.468	224.902
5) L1 AR-1016-3	4.652	3.964	25718703	27023042	193.114	277.302 #
6) L1 AR-1016-4	4.743	4.012	28582125	57380782	271.853	680.134 #
7) L1 AR-1016-5	5.034	4.208	71497062	66594574	674.857	665.872
8) L2 AR-1221-1	3.669	2.980	745065	641777	13.769	12.454
9) L2 AR-1221-2	3.742	3.048	3360958	3322015	92.006	95.276
10) L2 AR-1221-3	3.813	3.126	4201144	4405090	35.376	39.936
11) L3 AR-1232-1	3.813	3.126	4201144	4405090	44.916	50.873
12) L3 AR-1232-2	4.313	3.802	19773808	40747757	376.522	512.283 #
13) L3 AR-1232-3	4.594	3.964	51845733	27023042	576.431	652.742
14) L3 AR-1232-4	4.743	4.049	28582125	55123324	653.676	1517.854 #
15) L3 AR-1232-5	4.842	4.208	59920668	66594574	1791.871	1584.929
16) L4 AR-1242-1	4.574	3.786	42389558	39218196	376.180	381.252
17) L4 AR-1242-2	4.594	3.802	51845733	40747757	306.598	276.122
18) L4 AR-1242-3	4.652	3.964	25718703	27023042	243.674	339.676 #
19) L4 AR-1242-4	4.743	4.049	28582125	55123324	336.864	726.399 #
20) L4 AR-1242-5	5.466	4.547	76055004	90408596	860.137	898.747
21) L5 AR-1248-1	4.574	3.786	42389558	39218196	509.149	502.965
22) L5 AR-1248-2	4.842	4.012	59920668	57380782	493.697	484.054
23) L5 AR-1248-3	5.034	4.049	71497062	55123324	493.788	489.276
24) L5 AR-1248-4	5.431	4.208	77992592	66594574	503.262	483.768
25) L5 AR-1248-5	5.466	4.585	76055004	64260249	497.395	478.597
26) L6 AR-1254-1	5.402	4.547	62278716	90408596	396.807	465.152
27) L6 AR-1254-2	5.619	4.694	78157446	27700412	329.562	159.011 #
28) L6 AR-1254-3	5.978	5.077	43347243	41885040	174.829	156.480
29) L6 AR-1254-4	6.264	5.305	29242712	28929442	161.364	164.906
30) L6 AR-1254-5	6.679	5.712	6778018	8711081	33.982	34.169
31) L7 AR-1260-1	6.144	5.211	4718992	21311082	23.050	107.744 #
32) L7 AR-1260-2	6.406	5.397	3386658	4108731	14.020	17.211
33) L7 AR-1260-3	6.764	5.536	347820	4892049	2.161	21.658 #
34) L7 AR-1260-4	6.958	6.002	3519905	598652	19.079	3.479 #
35) L7 AR-1260-5	7.291	6.250	1495339	1417049	4.208	3.551
36) L8 AR-1262-1	6.764	5.803	347820	325961	1.331	2.977 #
37) L8 AR-1262-2	7.291	6.002	1495339	598652	3.516	2.424 #
38) L8 AR-1262-3	7.574	6.530	703290	676639	2.455	3.340 #
39) L8 AR-1262-4	7.647	6.588	488486	1121464	2.129	3.010 #
40) L8 AR-1262-5	8.153	7.083	569051	558060	3.995	3.086
41) L9 AR-1268-1	7.574	6.530	703290	676639	1.422	1.179

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 Acq On : 15 Nov 2023 12:07
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

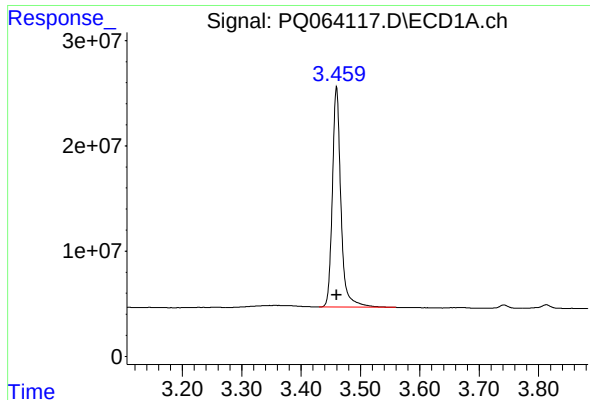
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:09:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.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	7.647	6.588	488486	1121464	1.091	2.160 #
43) L9	AR-1268-3	7.826	6.795	727718	736337	1.865	1.588
44) L9	AR-1268-4	8.153	7.083	569051	558060	3.640	2.857
45) L9	AR-1268-5	8.450	7.355	1739141	2375481	1.542	1.552

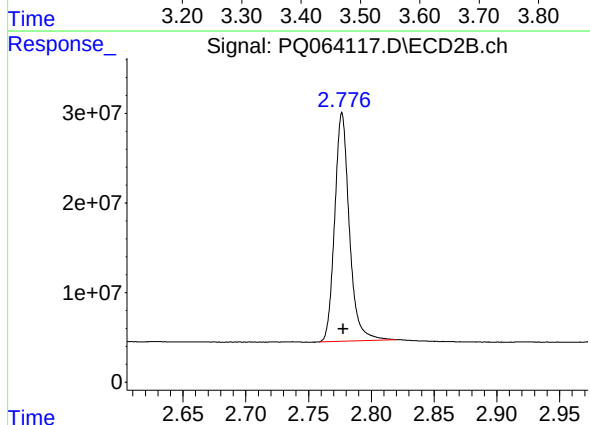
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

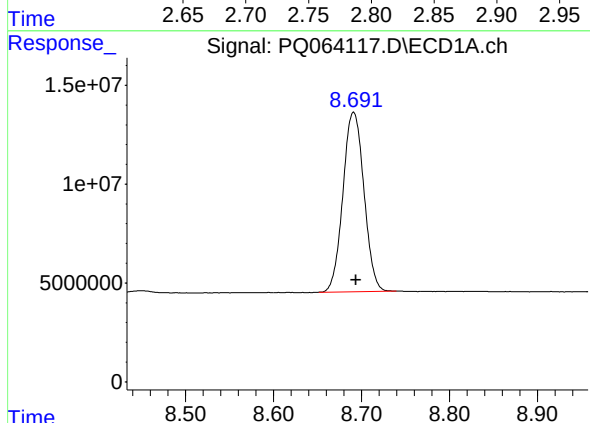
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 209249582
Conc: 49.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



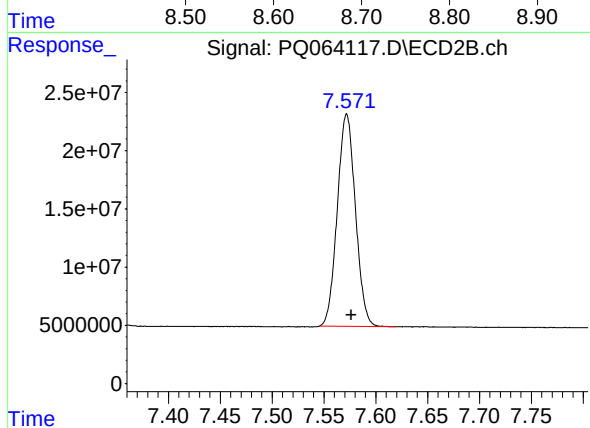
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 207395192
Conc: 56.39 ng/ml



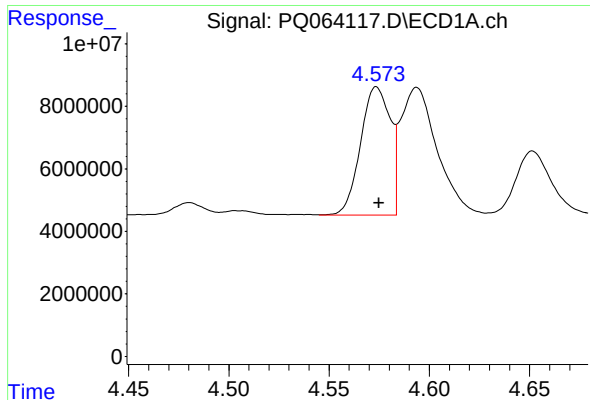
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 150596242
Conc: 46.64 ng/ml



#2 Decachlorobiphenyl

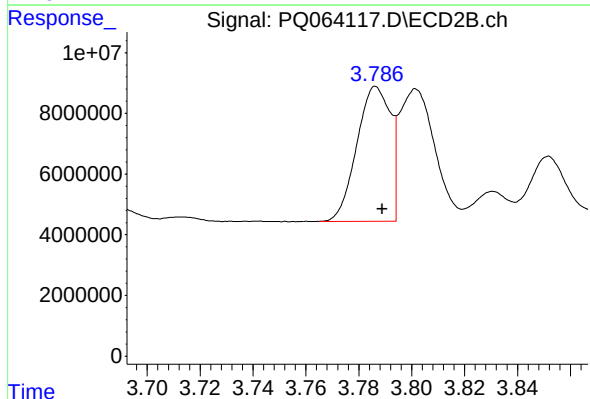
R.T.: 7.572 min
Delta R.T.: -0.004 min
Response: 222128433
Conc: 47.41 ng/ml



#3 AR-1016-1

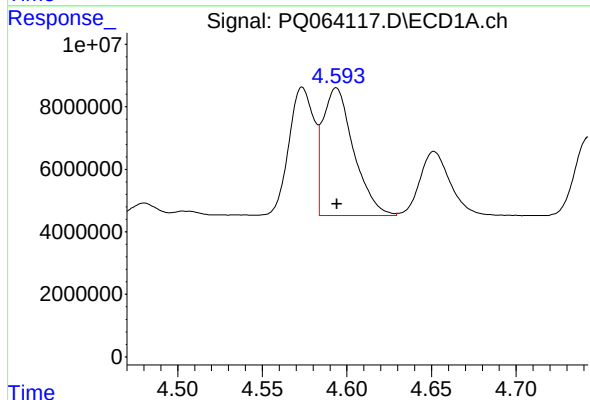
R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 42389558
Conc: 307.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



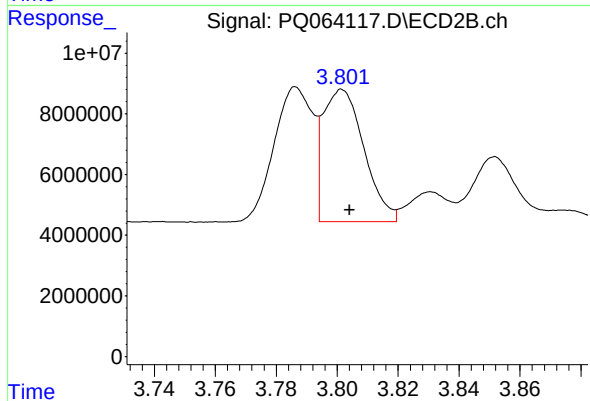
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 39218196
Conc: 311.31 ng/ml



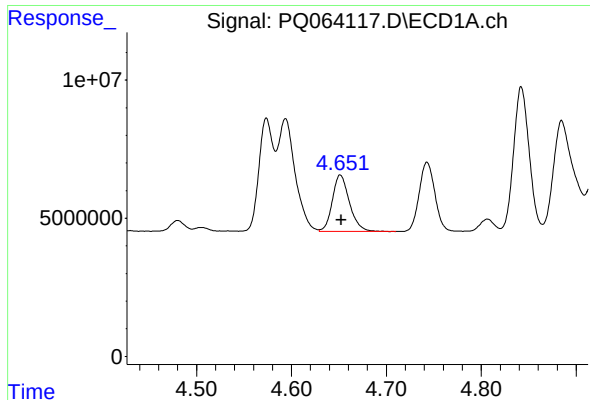
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 51845733
Conc: 245.47 ng/ml



#4 AR-1016-2

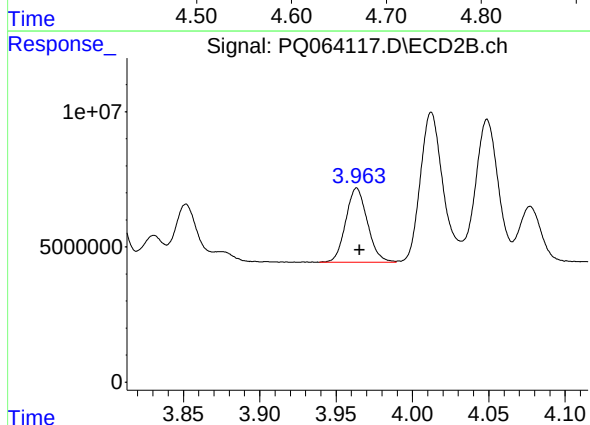
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 40747757
Conc: 224.90 ng/ml



#5 AR-1016-3

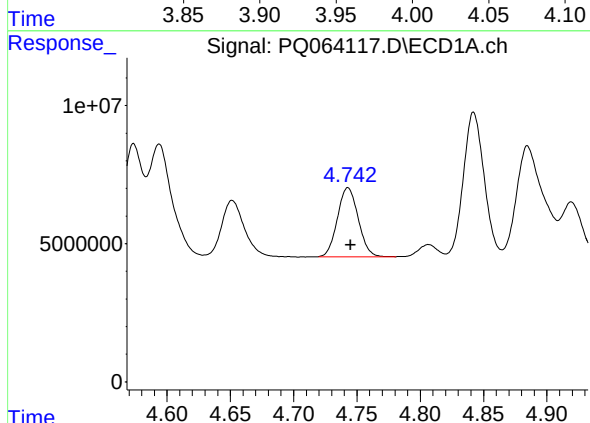
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 25718703
Conc: 193.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



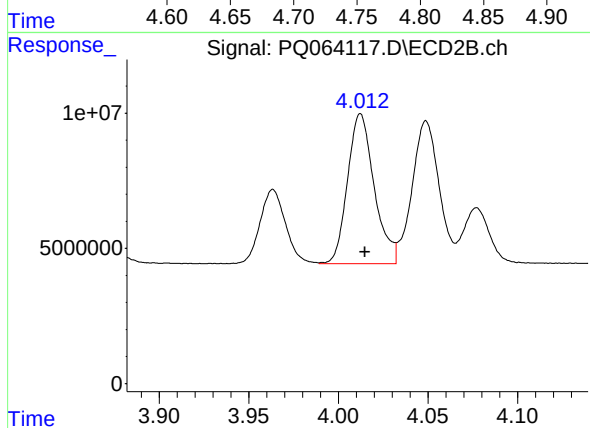
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 27023042
Conc: 277.30 ng/ml



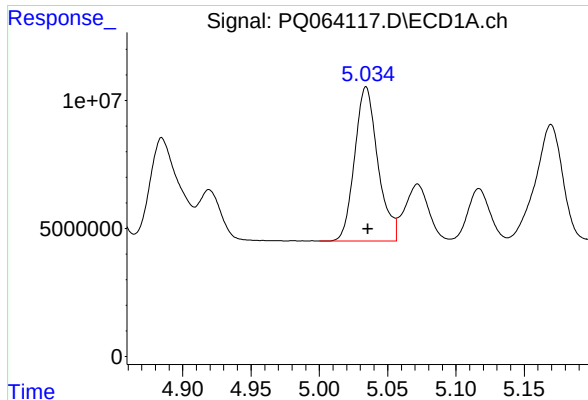
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 28582125
Conc: 271.85 ng/ml



#6 AR-1016-4

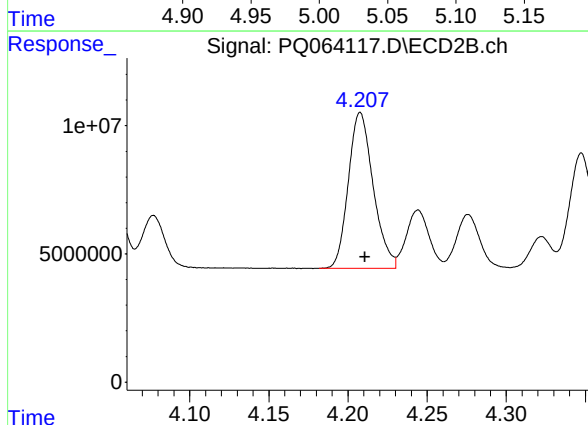
R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 57380782
Conc: 680.13 ng/ml



#7 AR-1016-5

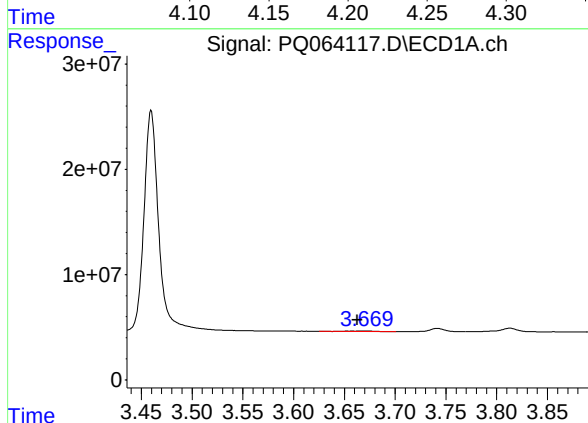
R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 71497062
Conc: 674.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



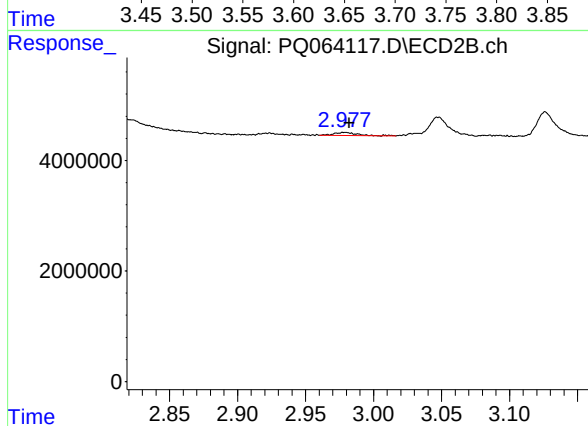
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 66594574
Conc: 665.87 ng/ml



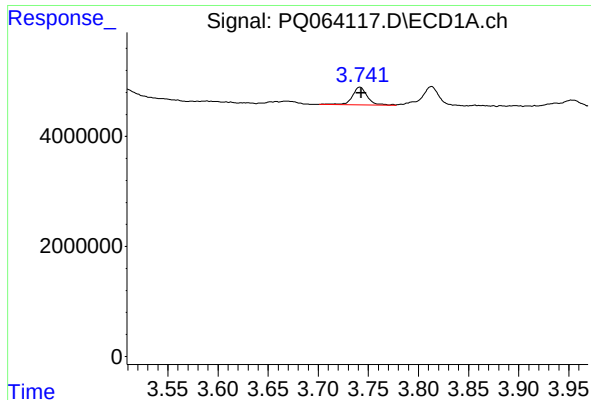
#8 AR-1221-1

R.T.: 3.669 min
Delta R.T.: 0.006 min
Response: 745065
Conc: 13.77 ng/ml



#8 AR-1221-1

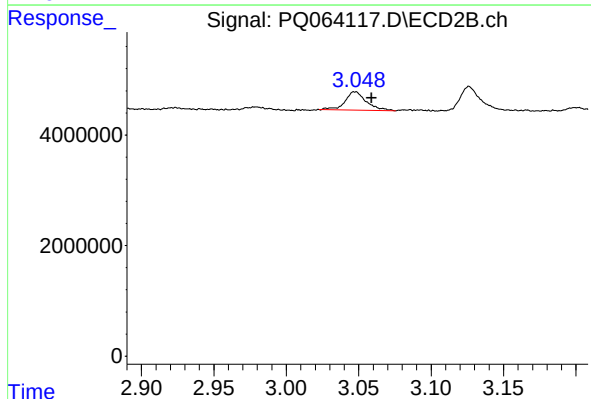
R.T.: 2.980 min
Delta R.T.: -0.002 min
Response: 641777
Conc: 12.45 ng/ml



#9 AR-1221-2

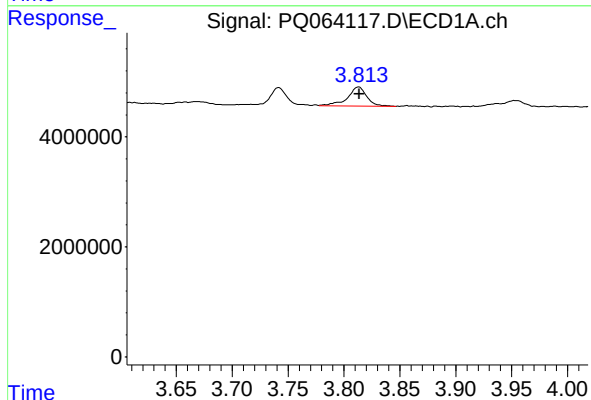
R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 3360958
Conc: 92.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



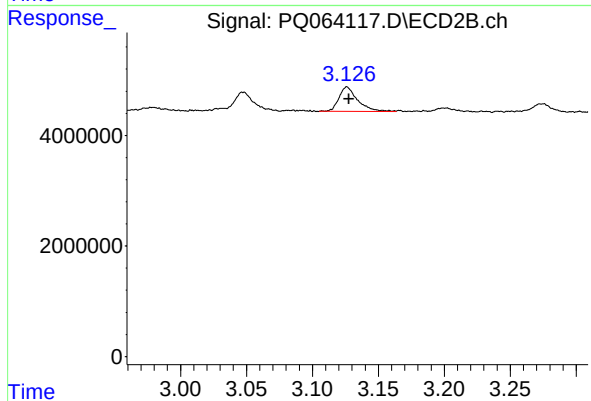
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: -0.011 min
Response: 3322015
Conc: 95.28 ng/ml



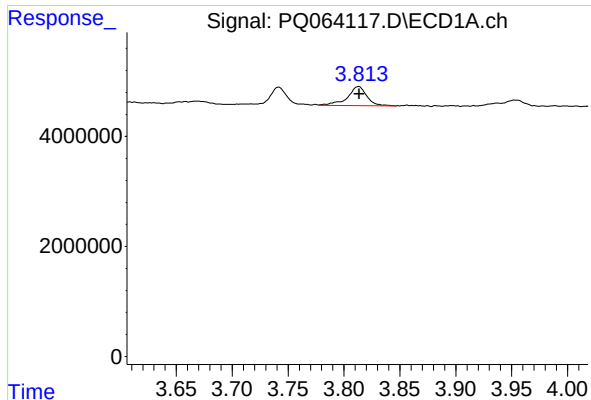
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 4201144
Conc: 35.38 ng/ml



#10 AR-1221-3

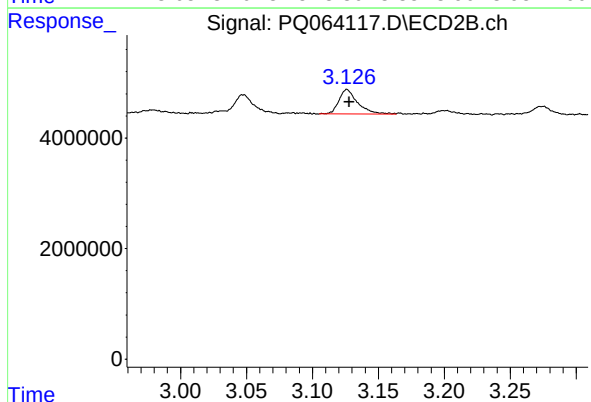
R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 4405090
Conc: 39.94 ng/ml



#11 AR-1232-1

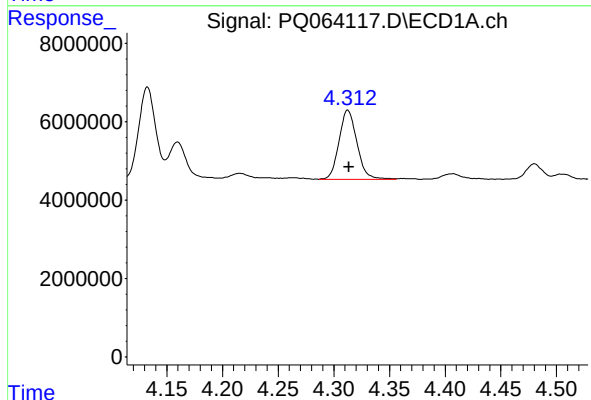
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 4201144
Conc: 44.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



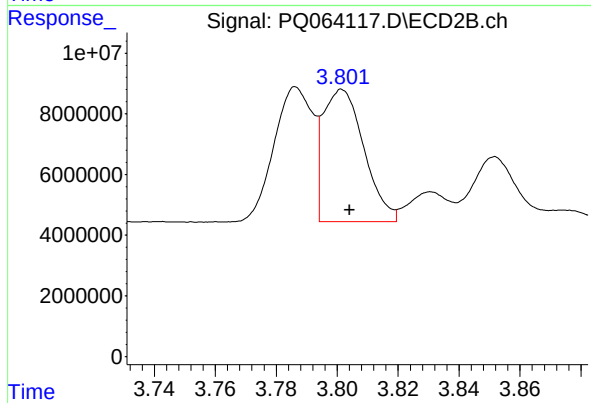
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 4405090
Conc: 50.87 ng/ml



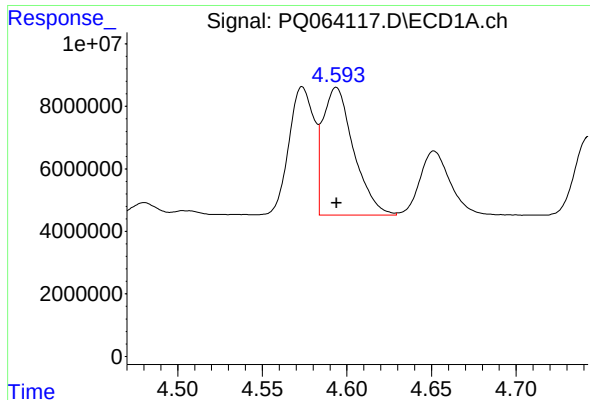
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 19773808
Conc: 376.52 ng/ml



#12 AR-1232-2

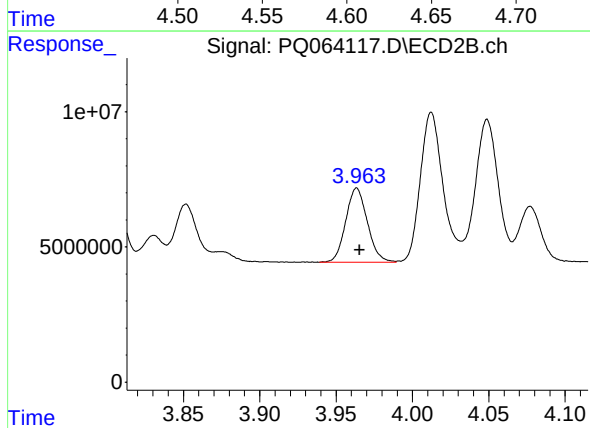
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 40747757
Conc: 512.28 ng/ml



#13 AR-1232-3

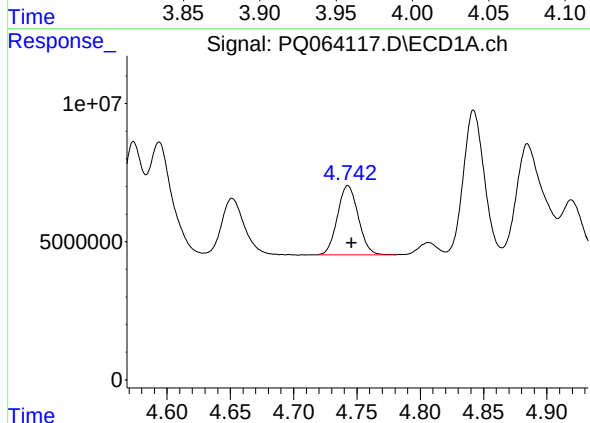
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 51845733
Conc: 576.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



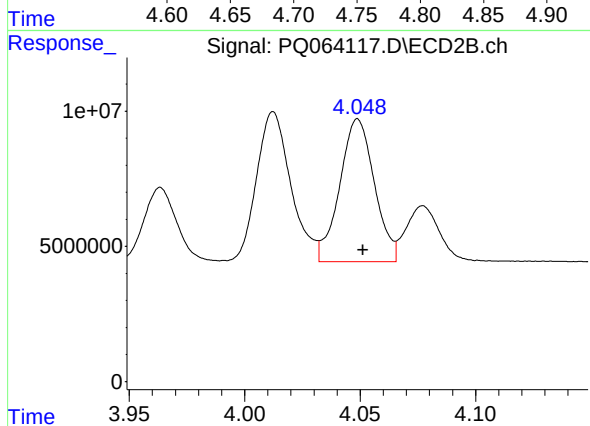
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 27023042
Conc: 652.74 ng/ml



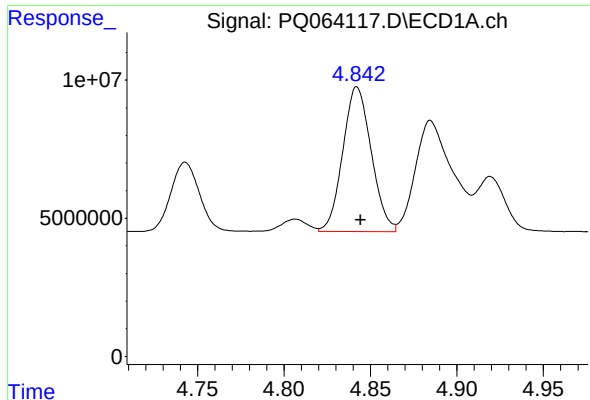
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 28582125
Conc: 653.68 ng/ml



#14 AR-1232-4

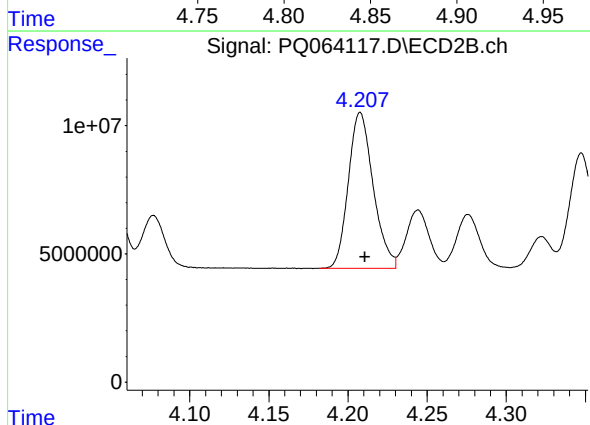
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 55123324
Conc: 1517.85 ng/ml



#15 AR-1232-5

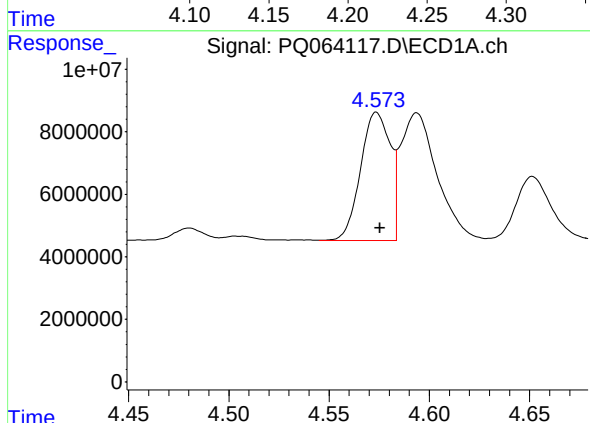
R.T.: 4.842 min
Delta R.T.: -0.002 min
Response: 59920668
Conc: 1791.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



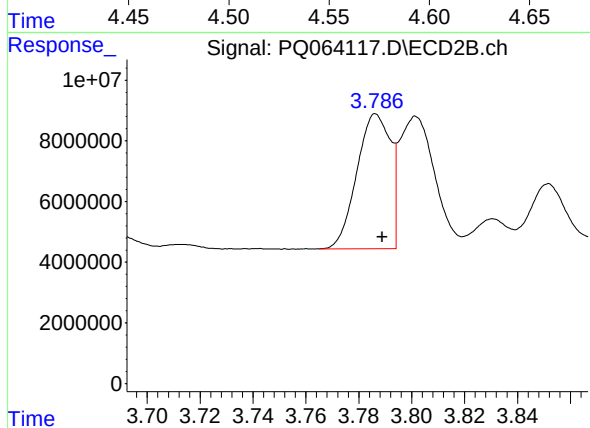
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 66594574
Conc: 1584.93 ng/ml



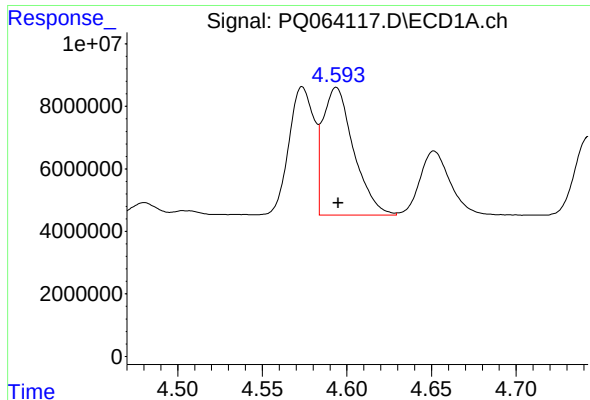
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 42389558
Conc: 376.18 ng/ml



#16 AR-1242-1

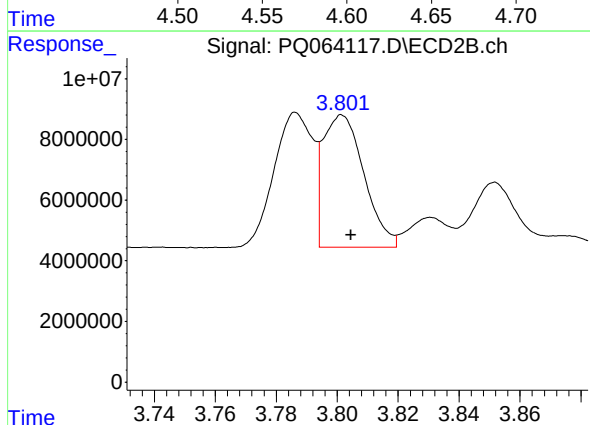
R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 39218196
Conc: 381.25 ng/ml



#17 AR-1242-2

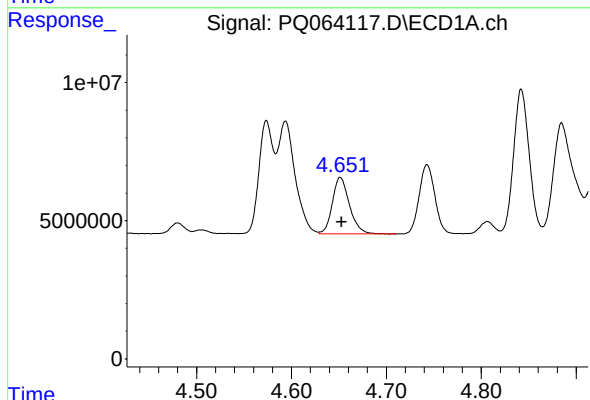
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 51845733
Conc: 306.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



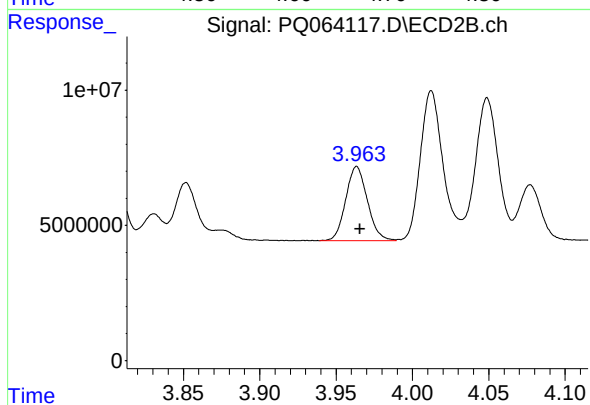
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 40747757
Conc: 276.12 ng/ml



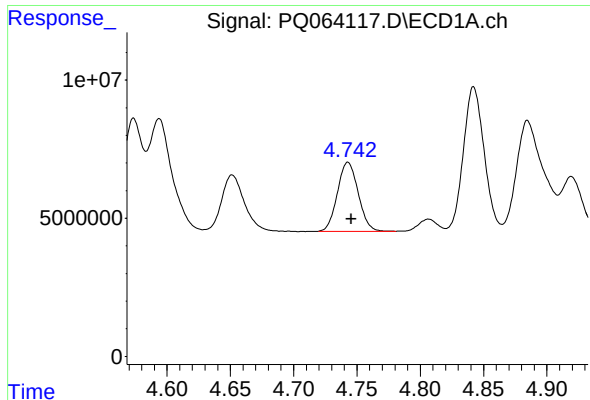
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: -0.001 min
Response: 25718703
Conc: 243.67 ng/ml



#18 AR-1242-3

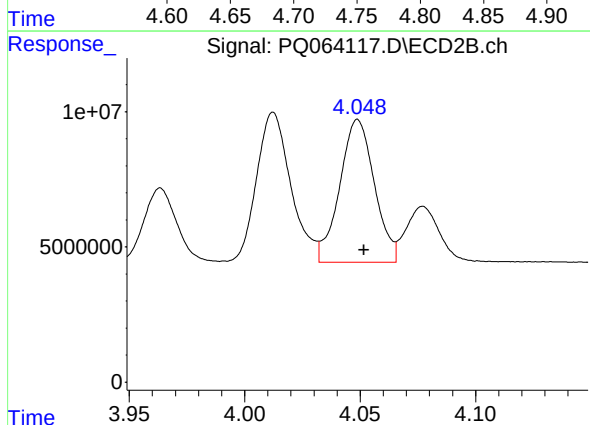
R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 27023042
Conc: 339.68 ng/ml



#19 AR-1242-4

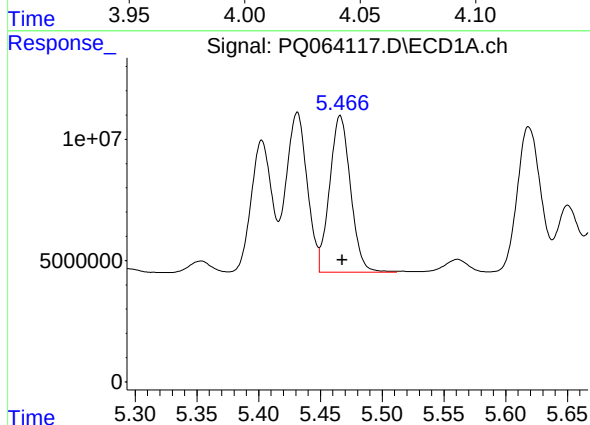
R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 28582125
Conc: 336.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



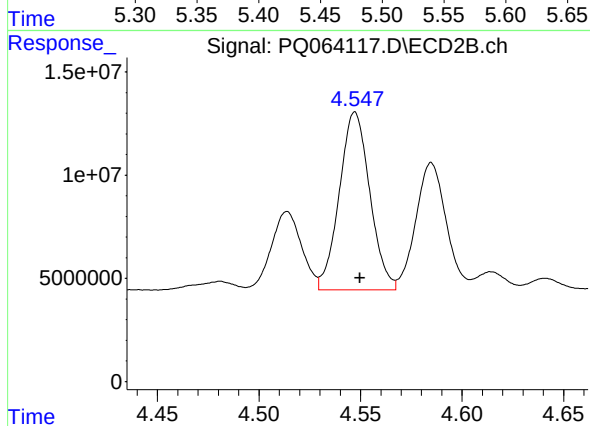
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 55123324
Conc: 726.40 ng/ml



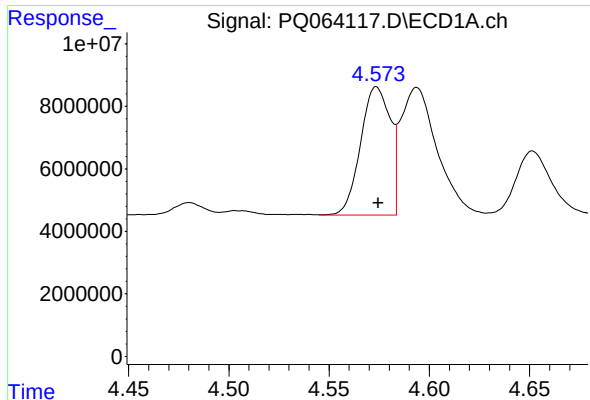
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 76055004
Conc: 860.14 ng/ml



#20 AR-1242-5

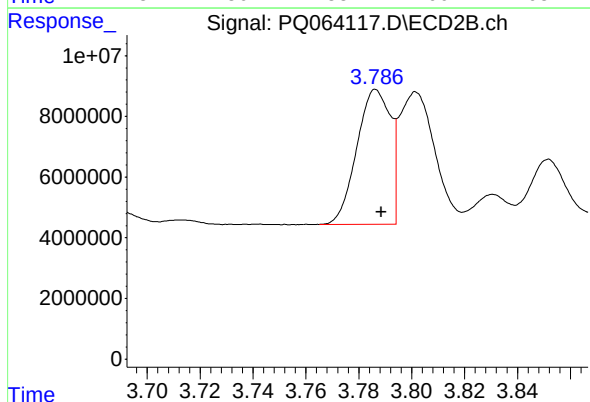
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 90408596
Conc: 898.75 ng/ml



#21 AR-1248-1

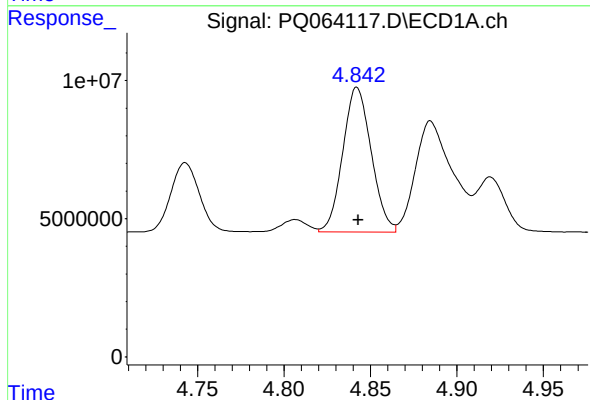
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 42389558
Conc: 509.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



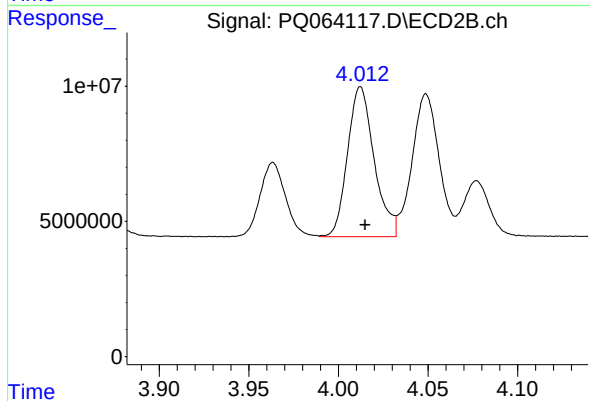
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 39218196
Conc: 502.96 ng/ml



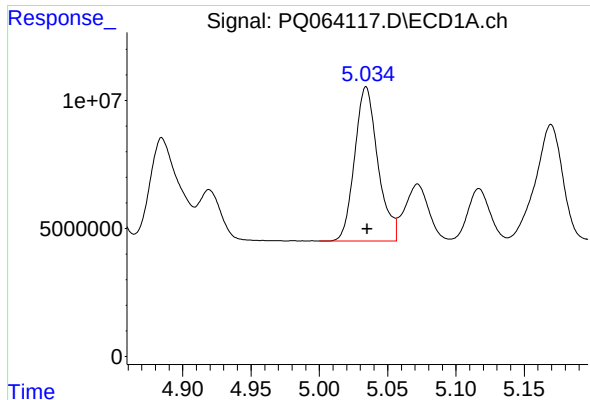
#22 AR-1248-2

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 59920668
Conc: 493.70 ng/ml



#22 AR-1248-2

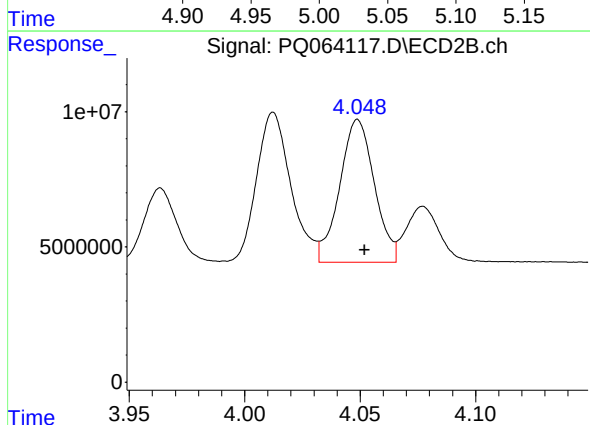
R.T.: 4.012 min
Delta R.T.: -0.003 min
Response: 57380782
Conc: 484.05 ng/ml



#23 AR-1248-3

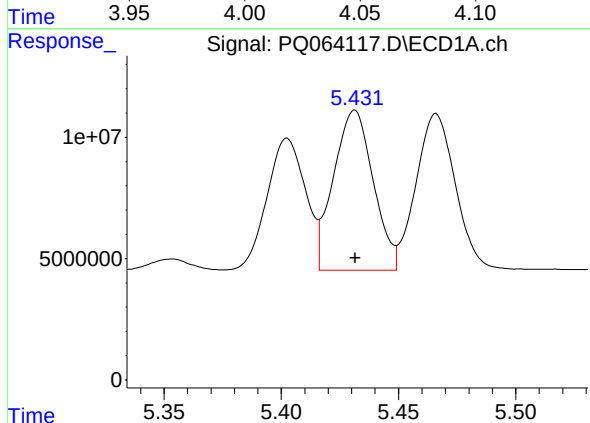
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 71497062
Conc: 493.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



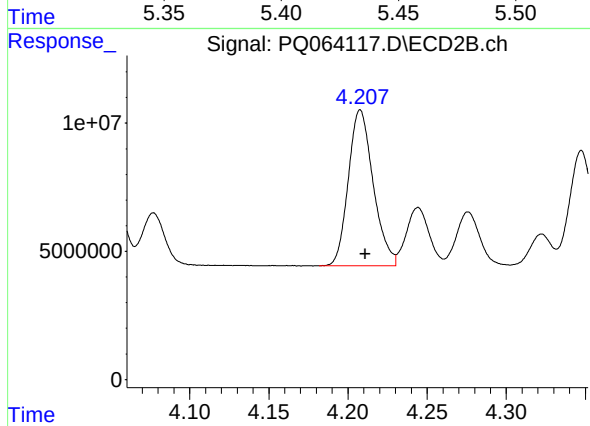
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 55123324
Conc: 489.28 ng/ml



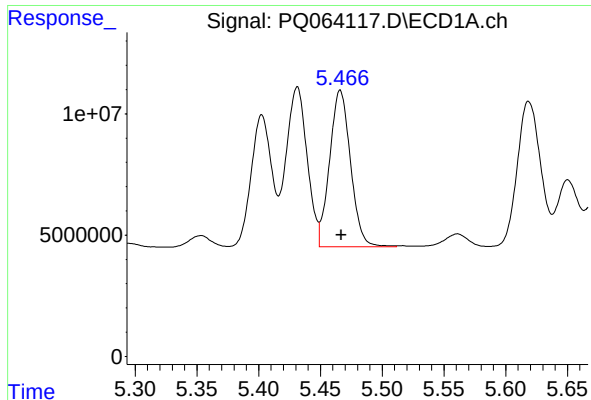
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 77992592
Conc: 503.26 ng/ml



#24 AR-1248-4

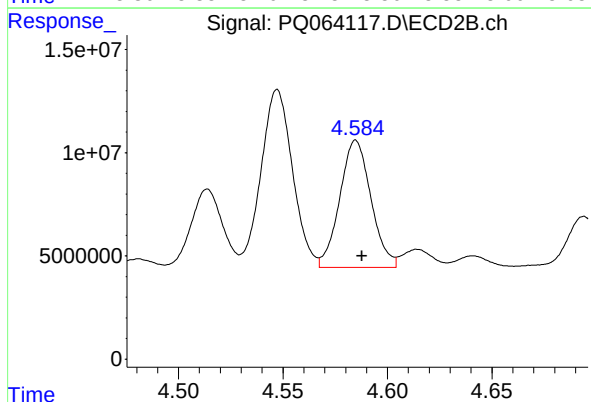
R.T.: 4.208 min
Delta R.T.: -0.003 min
Response: 66594574
Conc: 483.77 ng/ml



#25 AR-1248-5

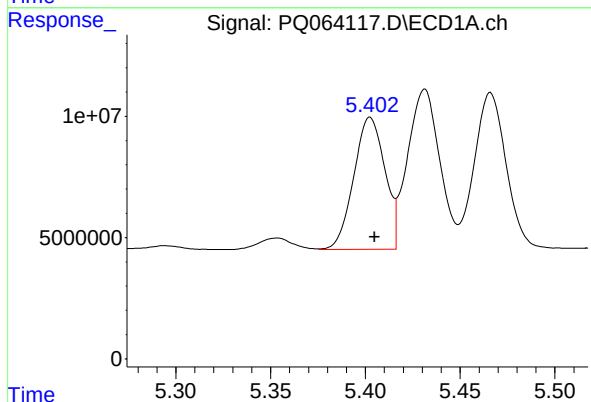
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 76055004
Conc: 497.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



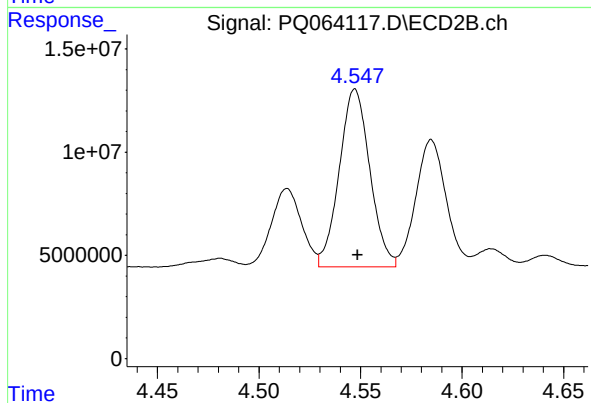
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 64260249
Conc: 478.60 ng/ml



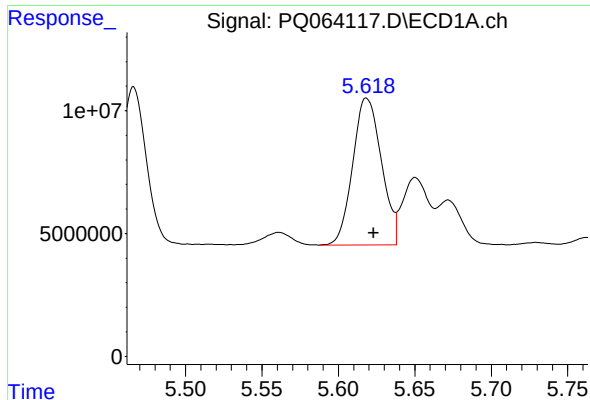
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 62278716
Conc: 396.81 ng/ml



#26 AR-1254-1

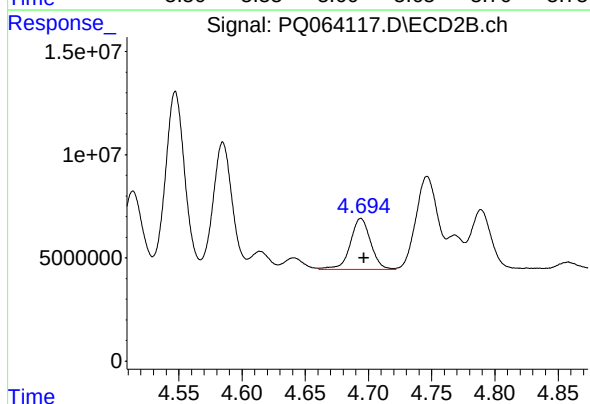
R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 90408596
Conc: 465.15 ng/ml



#27 AR-1254-2

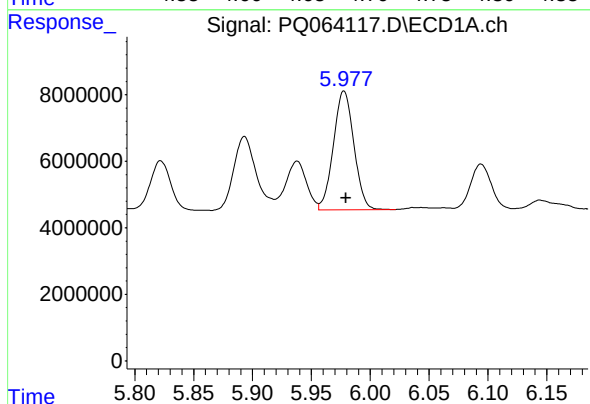
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 78157446
Conc: 329.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



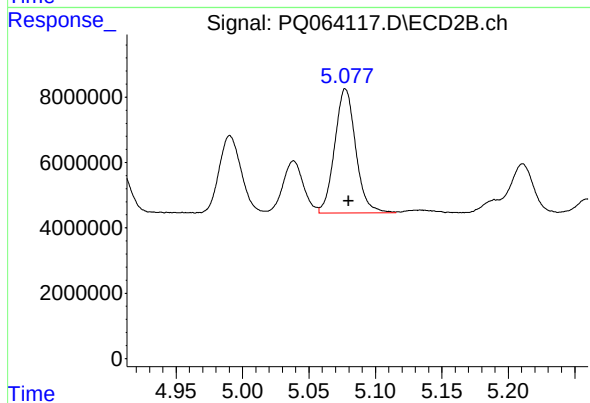
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 27700412
Conc: 159.01 ng/ml



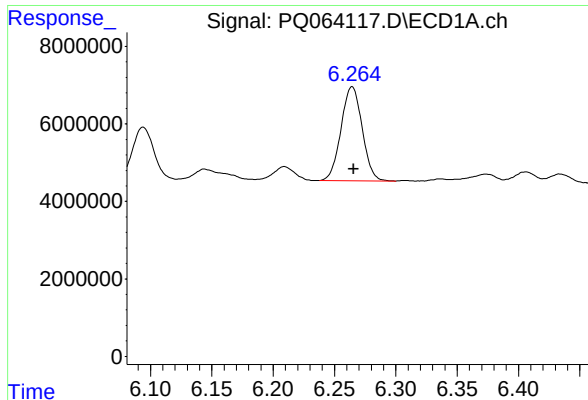
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 43347243
Conc: 174.83 ng/ml



#28 AR-1254-3

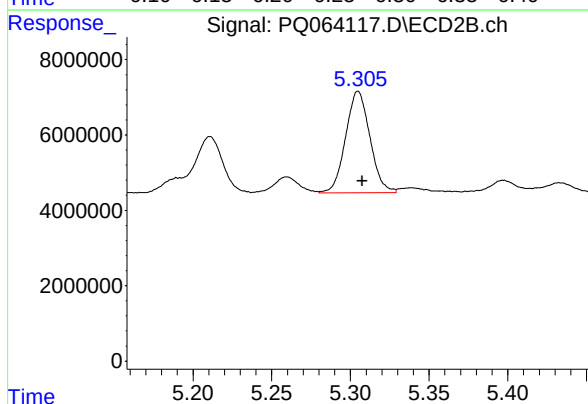
R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 41885040
Conc: 156.48 ng/ml



#29 AR-1254-4

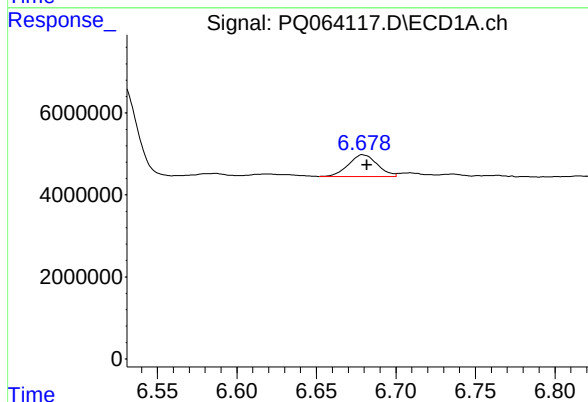
R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 29242712
Conc: 161.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



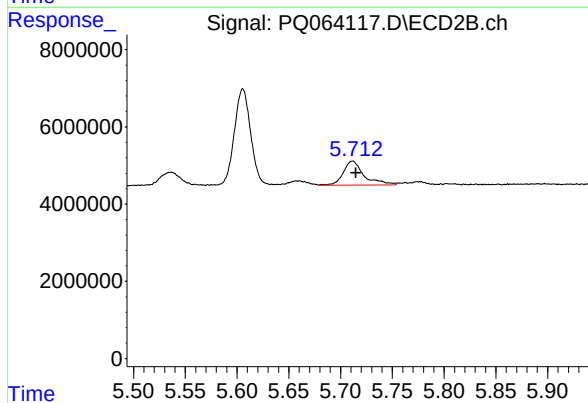
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: -0.003 min
Response: 28929442
Conc: 164.91 ng/ml



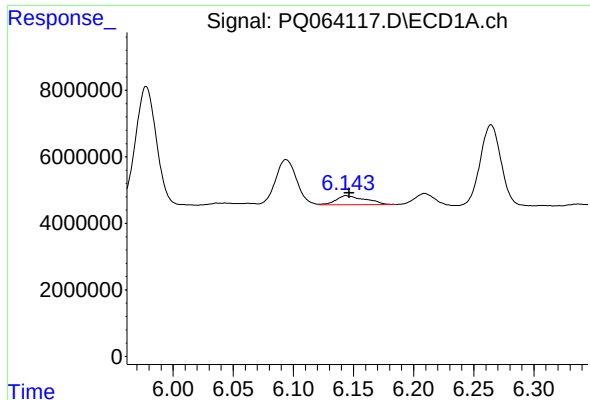
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 6778018
Conc: 33.98 ng/ml



#30 AR-1254-5

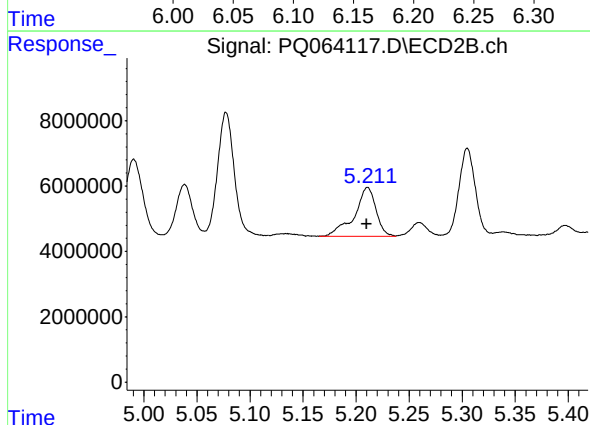
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 8711081
Conc: 34.17 ng/ml



#31 AR-1260-1

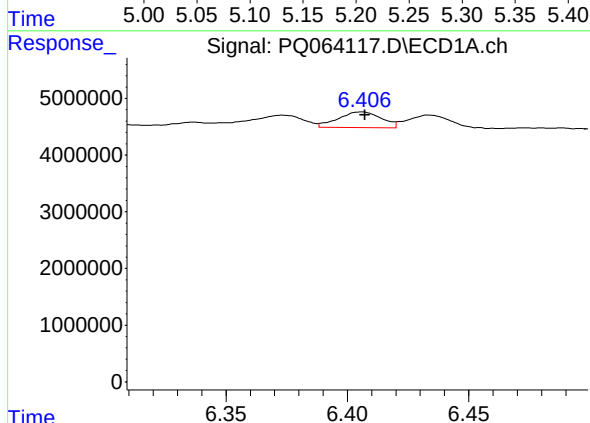
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 4718992
Conc: 23.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



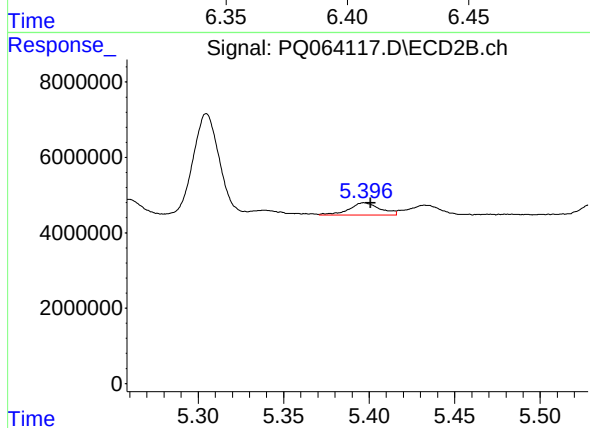
#31 AR-1260-1

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 21311082
Conc: 107.74 ng/ml



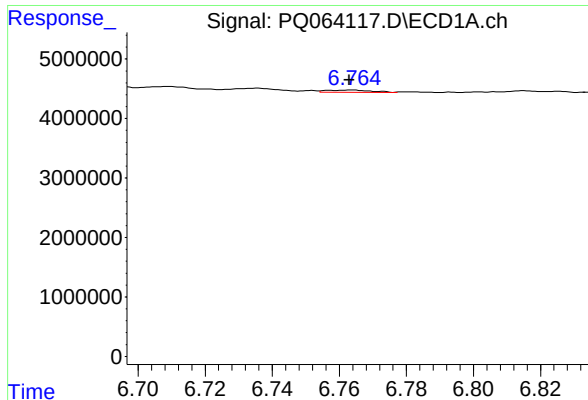
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 3386658
Conc: 14.02 ng/ml



#32 AR-1260-2

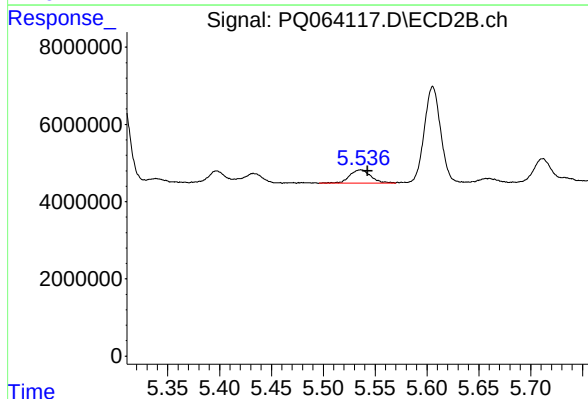
R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 4108731
Conc: 17.21 ng/ml



#33 AR-1260-3

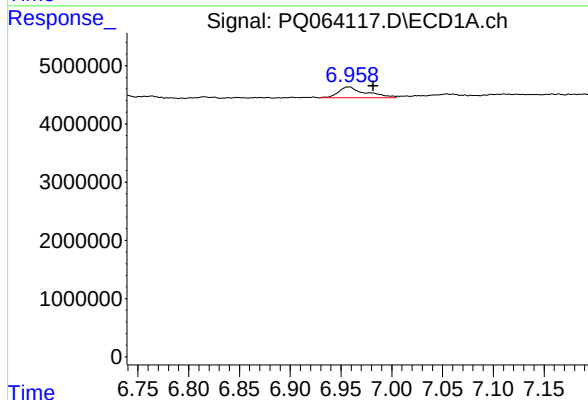
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 347820
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



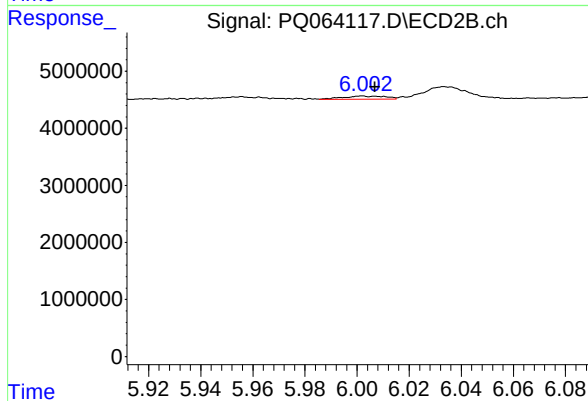
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 4892049
Conc: 21.66 ng/ml



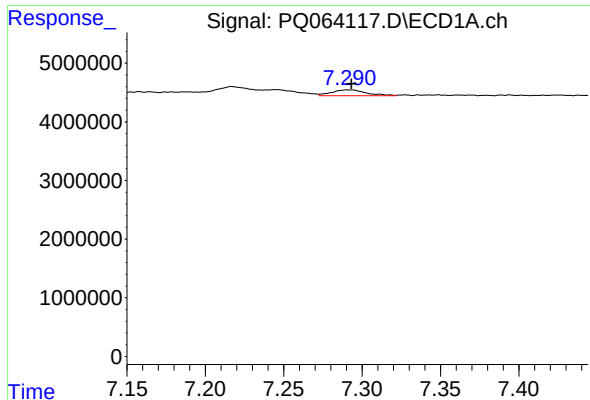
#34 AR-1260-4

R.T.: 6.958 min
Delta R.T.: -0.024 min
Response: 3519905
Conc: 19.08 ng/ml



#34 AR-1260-4

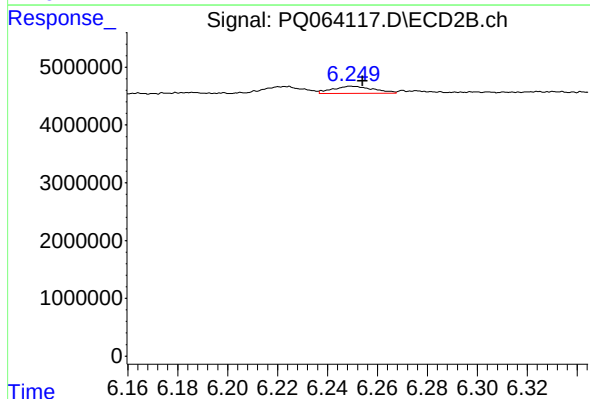
R.T.: 6.002 min
Delta R.T.: -0.005 min
Response: 598652
Conc: 3.48 ng/ml



#35 AR-1260-5

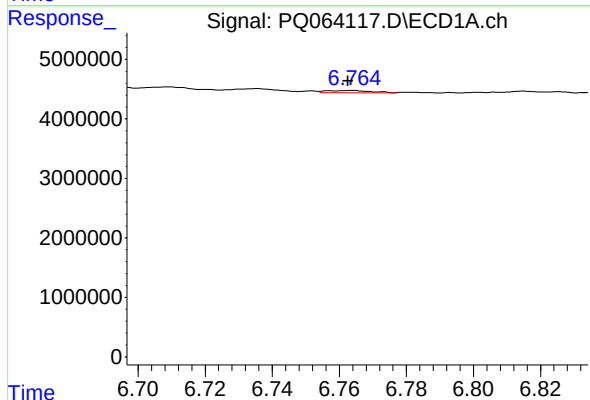
R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 1495339
Conc: 4.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



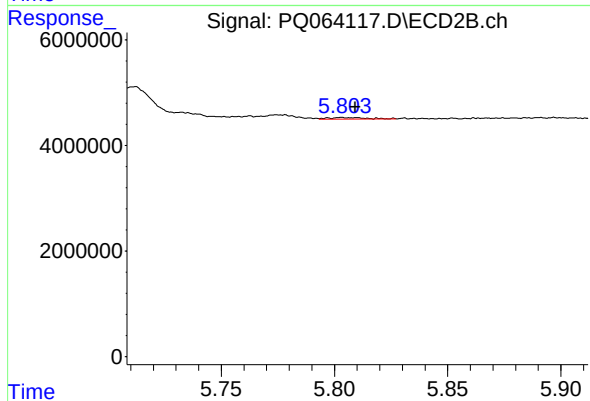
#35 AR-1260-5

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 1417049
Conc: 3.55 ng/ml



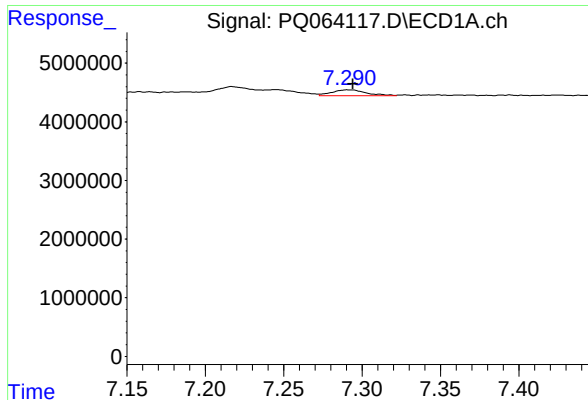
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 347820
Conc: 1.33 ng/ml



#36 AR-1262-1

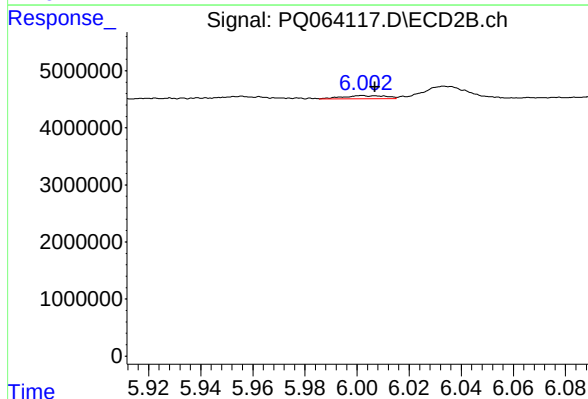
R.T.: 5.803 min
Delta R.T.: -0.006 min
Response: 325961
Conc: 2.98 ng/ml



#37 AR-1262-2

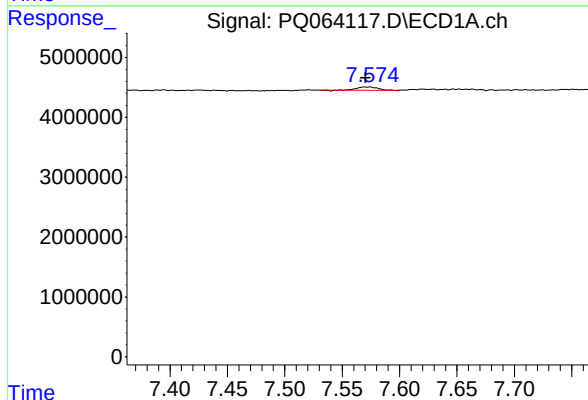
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 1495339
Conc: 3.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



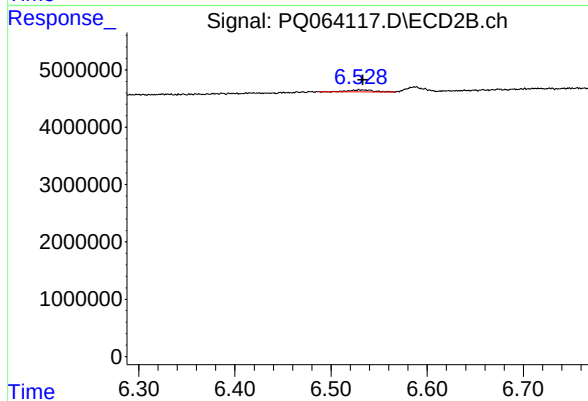
#37 AR-1262-2

R.T.: 6.002 min
Delta R.T.: -0.005 min
Response: 598652
Conc: 2.42 ng/ml



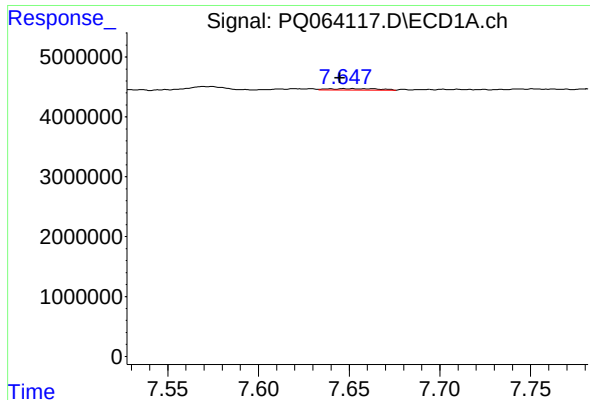
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.003 min
Response: 703290
Conc: 2.45 ng/ml



#38 AR-1262-3

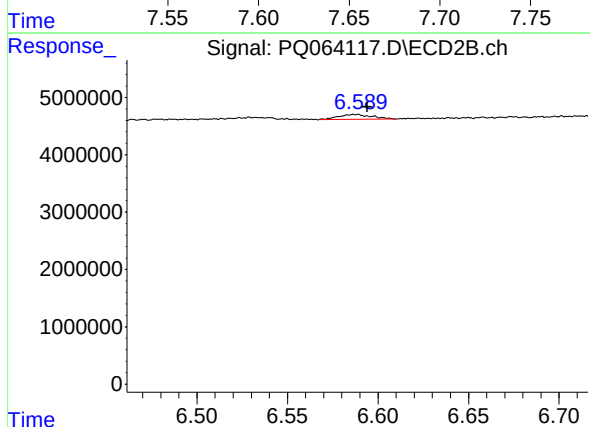
R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 676639
Conc: 3.34 ng/ml



#39 AR-1262-4

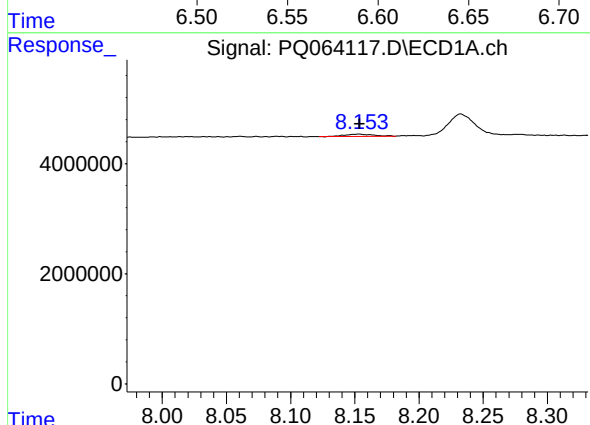
R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 488486
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



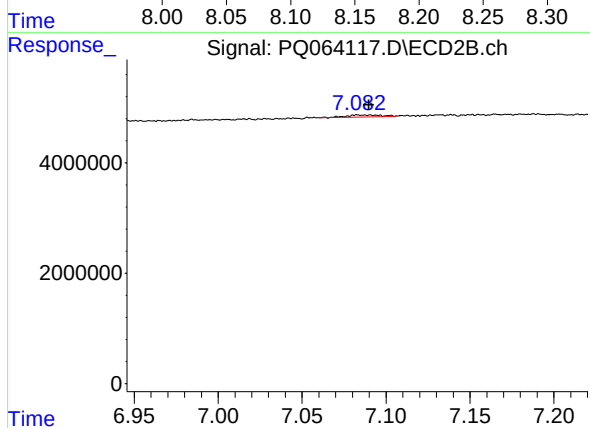
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 1121464
Conc: 3.01 ng/ml



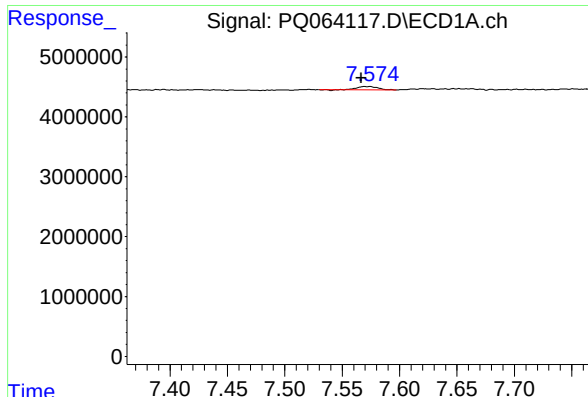
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 569051
Conc: 3.99 ng/ml



#40 AR-1262-5

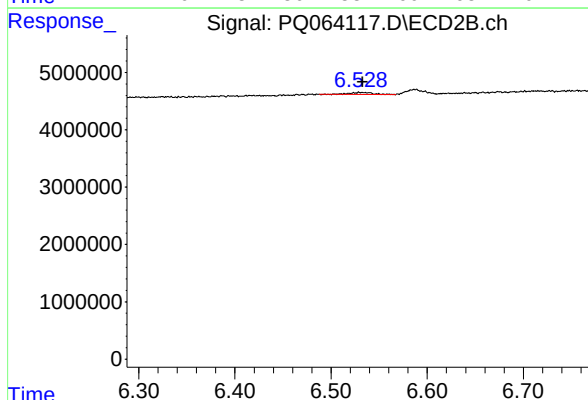
R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 558060
Conc: 3.09 ng/ml



#41 AR-1268-1

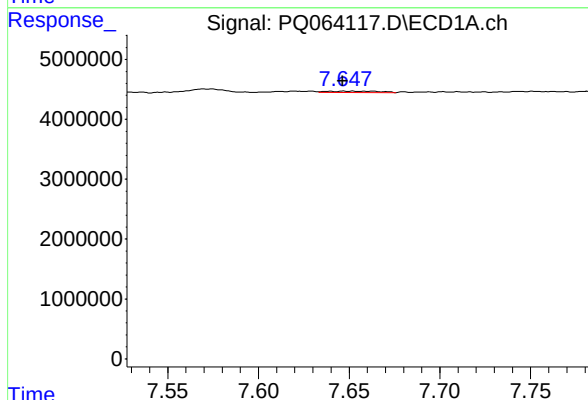
R.T.: 7.574 min
Delta R.T.: 0.007 min
Response: 703290
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



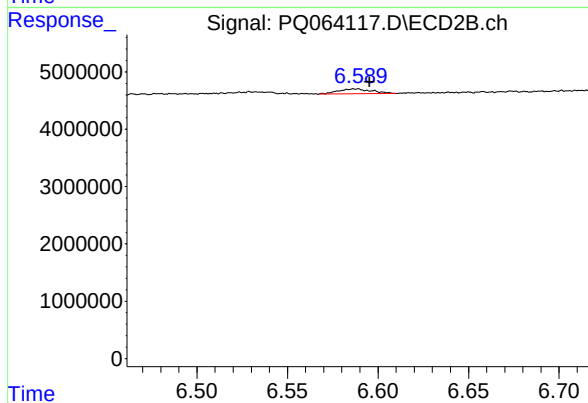
#41 AR-1268-1

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 676639
Conc: 1.18 ng/ml



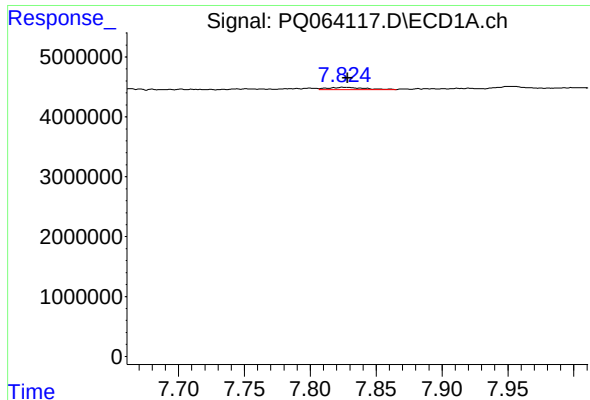
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 488486
Conc: 1.09 ng/ml



#42 AR-1268-2

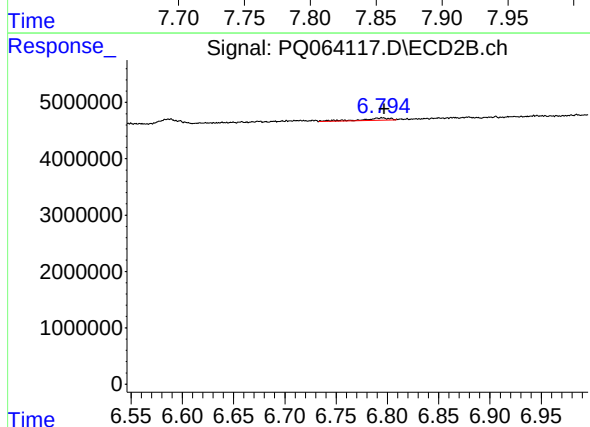
R.T.: 6.588 min
Delta R.T.: -0.008 min
Response: 1121464
Conc: 2.16 ng/ml



#43 AR-1268-3

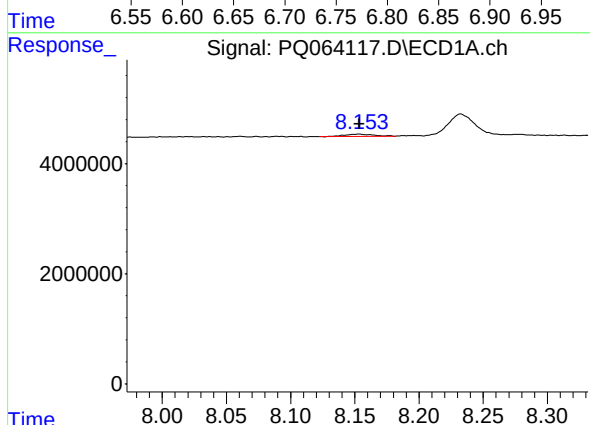
R.T.: 7.826 min
Delta R.T.: -0.003 min
Response: 727718
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



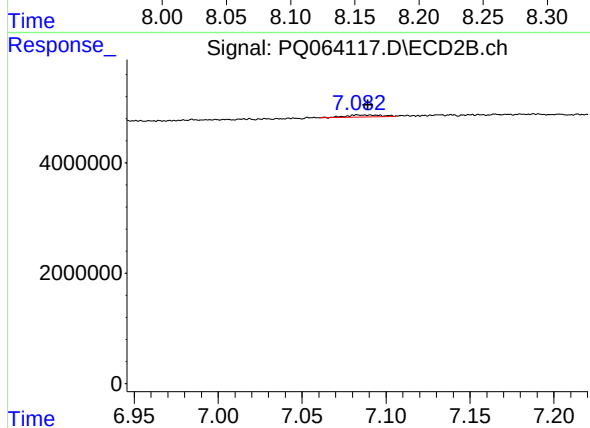
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 736337
Conc: 1.59 ng/ml



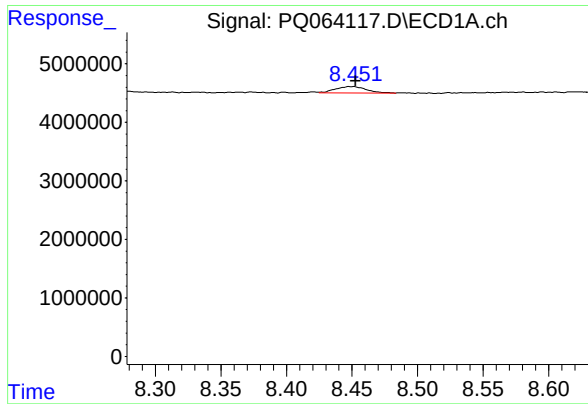
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 569051
Conc: 3.64 ng/ml



#44 AR-1268-4

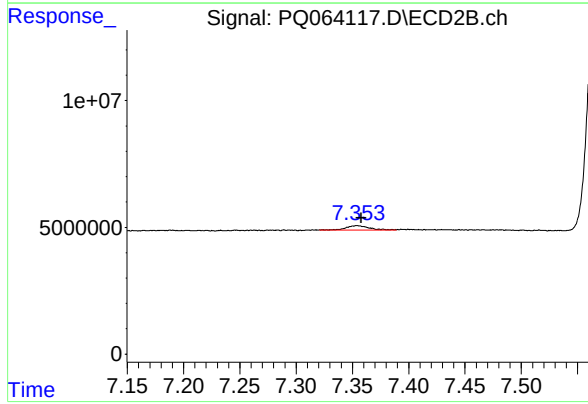
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 558060
Conc: 2.86 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 1739141
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 2375481
Conc: 1.55 ng/ml