

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062123\
 Data File : PQ061600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 10:00
 Operator : YP\AJ
 Sample : 03315-05DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 17:07:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.404	2.759	20195756	11095046	4.493	4.155
2)	SA Decachlor...	8.584	7.531	9748751	8976641	2.894	2.674
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	83673034	60318959	543.514	584.818
4)	L1 AR-1016-2	4.524	3.777	115.2E6	76619306	504.919	514.277
5)	L1 AR-1016-3	4.581	3.937	78161700	43478913	550.041	550.187
6)	L1 AR-1016-4	4.673	3.987	69437744	33797258	603.084	475.968
7)	L1 AR-1016-5	4.960	4.181	60763560	40977066	525.761	478.628
8)	L2 AR-1221-1	3.602	2.959	2452506	322278	43.708	9.051 #
9)	L2 AR-1221-2	3.685	3.036	1830214	815412	43.370	29.606 #
10)	L2 AR-1221-3	3.753	3.106	7766279	3910198	59.248	46.143
11)	L3 AR-1232-1	3.753	3.106	7766279	3910198	81.247	63.495
12)	L3 AR-1232-2	4.246	3.777	40305766	76619306	733.690	1112.073 #
13)	L3 AR-1232-3	4.524	3.937	115.2E6	43478913	1102.861	1202.397
14)	L3 AR-1232-4	4.673	4.023	69437744	32793205	1308.725	1017.448
15)	L3 AR-1232-5	4.770	4.181	53432936	40977066	1416.851	1069.219
16)	L4 AR-1242-1	4.505	3.762	83673034	60318959	737.412	787.565
17)	L4 AR-1242-2	4.524	3.777	115.2E6	76619306	678.479	691.360
18)	L4 AR-1242-3	4.581	3.937	78161700	43478913	730.615	734.659
19)	L4 AR-1242-4	4.673	4.023	69437744	32793205	800.066	547.598 #
20)	L4 AR-1242-5	5.388	4.519	38667504	31459574	435.993	392.901
21)	L5 AR-1248-1	4.505	3.762	83673034	60318959	928.627	969.204
22)	L5 AR-1248-2	4.770	3.987	53432936	33797258	420.317	349.665
23)	L5 AR-1248-3	4.960	4.023	60763560	32793205	394.464	358.736
24)	L5 AR-1248-4	5.354	4.181	37178078	40977066	219.018	361.889 #
25)	L5 AR-1248-5	5.388	4.555	38667504	26447303	236.024	240.134
26)	L6 AR-1254-1	5.325	4.519	29071293	31459574	170.205	191.306
27)	L6 AR-1254-2	5.540	4.664	33945420	7020527	126.954	46.677 #
28)	L6 AR-1254-3	5.897	5.045	14129266	10253691	50.562	44.064
29)	L6 AR-1254-4	6.181	5.272	9396549	5757442	45.907	40.074
30)	L6 AR-1254-5	6.595	5.678	3618624	3706652	15.341	16.249
31)	L7 AR-1260-1	6.062	5.177	2460323	4580299	11.074	26.628 #
32)	L7 AR-1260-2	6.320	5.363	3649558	1828113	13.718	8.822 #
33)	L7 AR-1260-3	6.679	5.501	965542	2257327	5.742	11.365 #
34)	L7 AR-1260-4	6.893	5.969	1178292	1074874	5.871	7.307
35)	L7 AR-1260-5	7.206	6.214	2551741	2328371	6.705	7.171
36)	L8 AR-1262-1	6.679	5.721	965542	1248829	3.225	5.153 #
37)	L8 AR-1262-2	7.206	6.214	2551741	2328371	5.061	5.327
38)	L8 AR-1262-3	7.483	6.496	2346728	1090885	6.944	6.053
39)	L8 AR-1262-4	0.000	6.548	0	2512027	N.D.	7.575 #
40)	L8 AR-1262-5	8.058	7.045	1280268	1321659	7.517	8.239
41)	L9 AR-1268-1	7.483	6.496	2346728	1090885	4.261	2.220 #

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 Acq On : 21 Jun 2023 10:00
 Operator : YP\AJ
 Sample : 03315-05DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

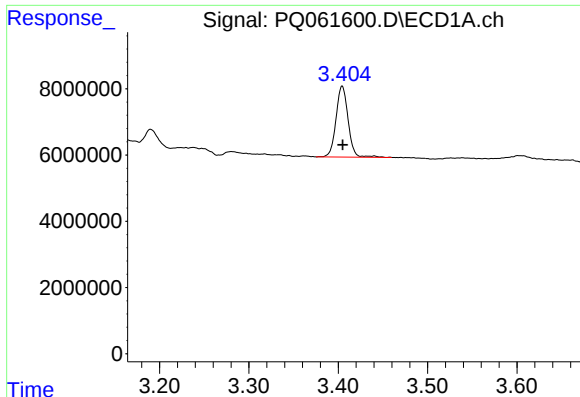
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 17:07:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
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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	0.000	6.548	0	2512027	N.D.	5.646 #
43) L9	AR-1268-3	7.755	6.723f	91875	252335	0.223	0.645 #
44) L9	AR-1268-4	8.058	7.045	1280268	1321659	7.233	7.873
45) L9	AR-1268-5	8.354	7.313	935306	858224	0.787	0.692

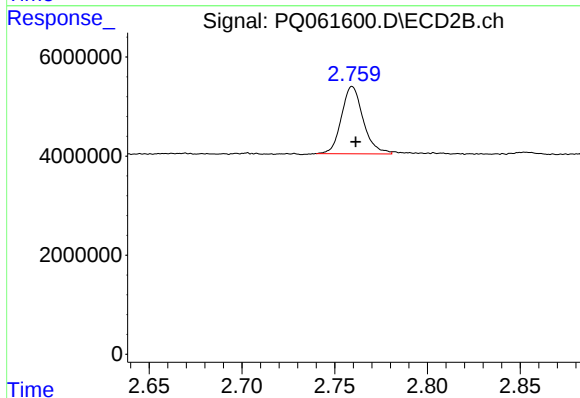
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

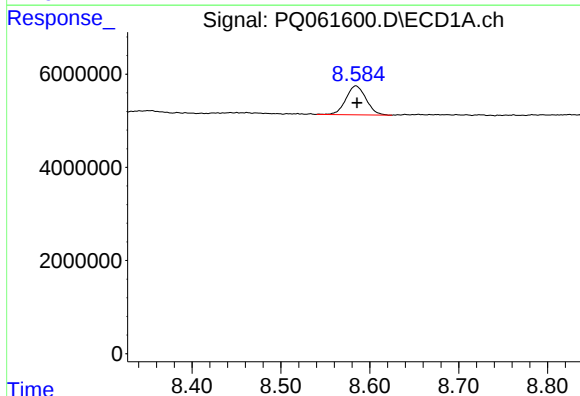
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 20195756
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



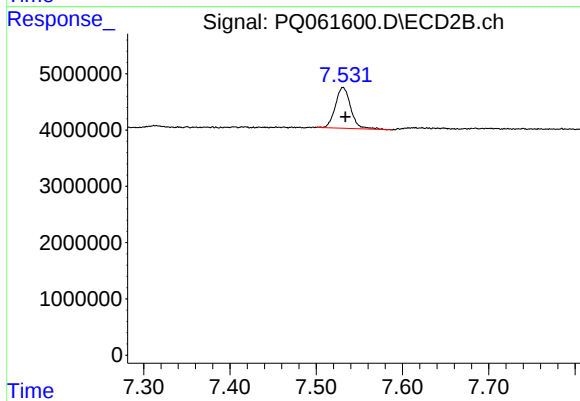
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 11095046
Conc: 4.15 ng/ml



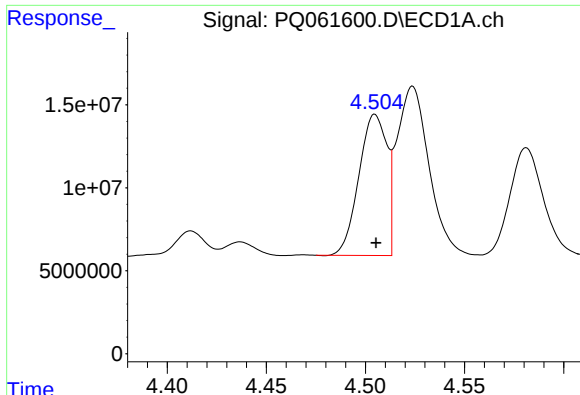
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 9748751
Conc: 2.89 ng/ml



#2 Decachlorobiphenyl

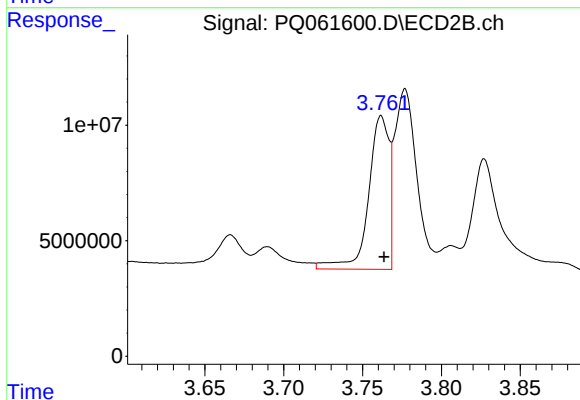
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 8976641
Conc: 2.67 ng/ml



#3 AR-1016-1

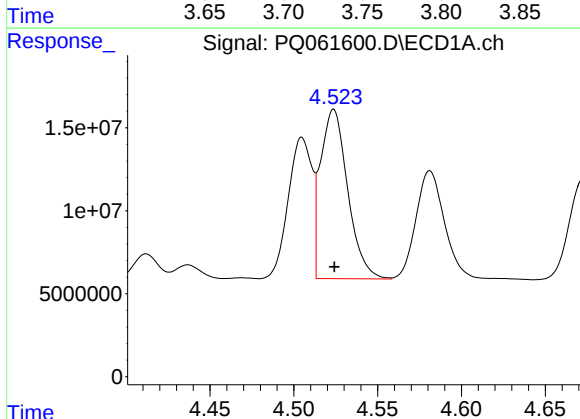
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83673034
Conc: 543.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



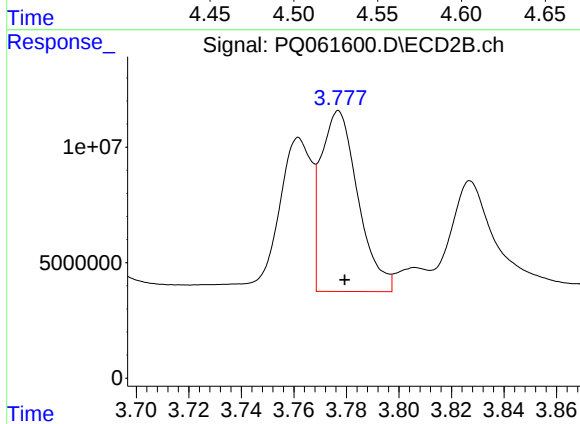
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 60318959
Conc: 584.82 ng/ml



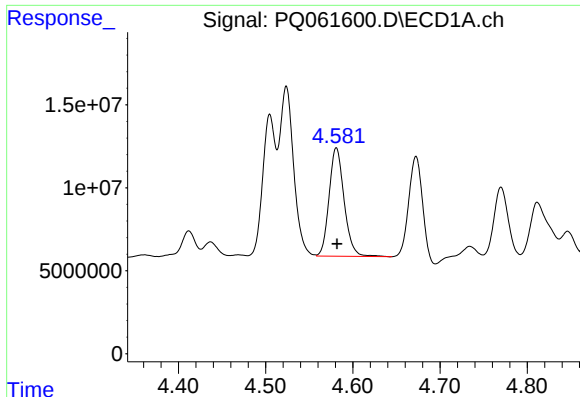
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 115204696
Conc: 504.92 ng/ml



#4 AR-1016-2

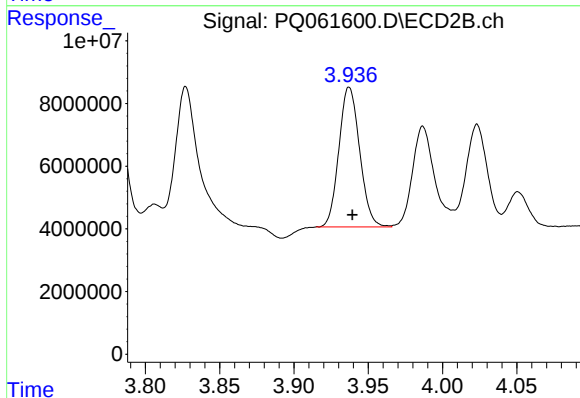
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 76619306
Conc: 514.28 ng/ml



#5 AR-1016-3

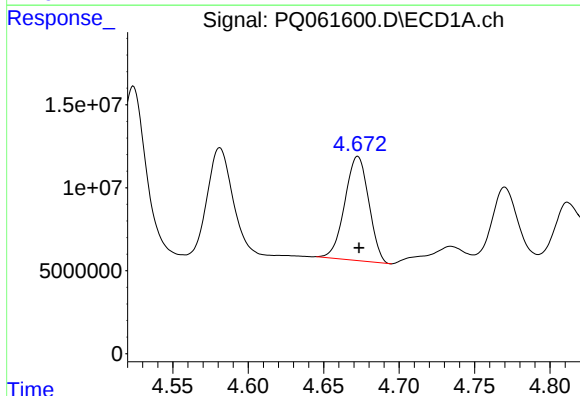
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 78161700
Conc: 550.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



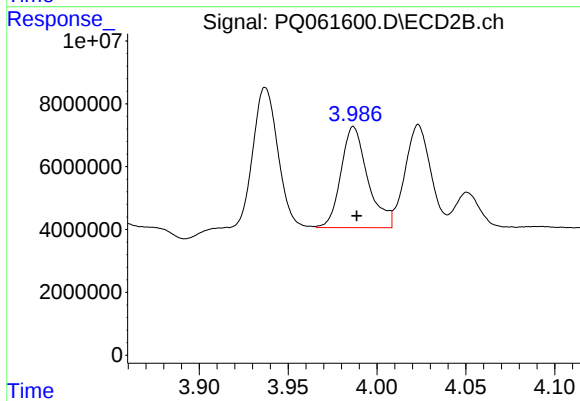
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 43478913
Conc: 550.19 ng/ml



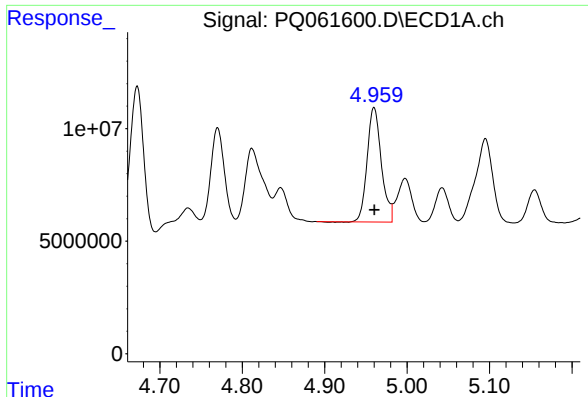
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 69437744
Conc: 603.08 ng/ml



#6 AR-1016-4

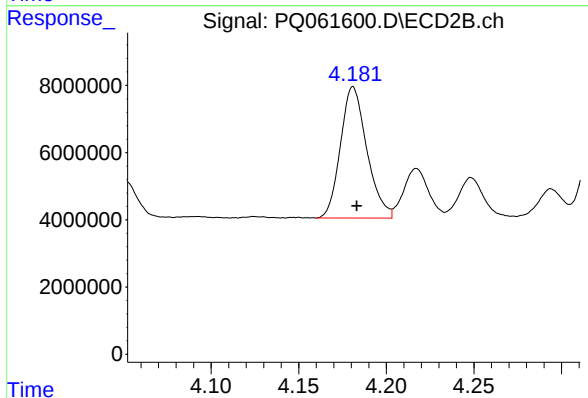
R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 33797258
Conc: 475.97 ng/ml



#7 AR-1016-5

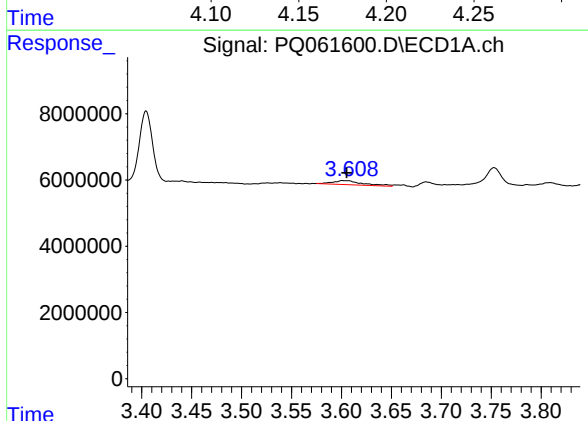
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 60763560
Conc: 525.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



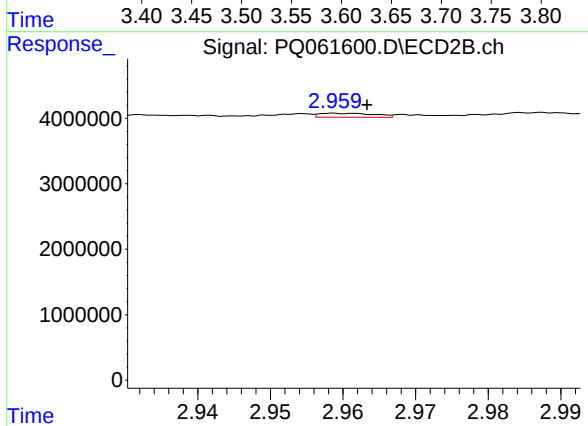
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 40977066
Conc: 478.63 ng/ml



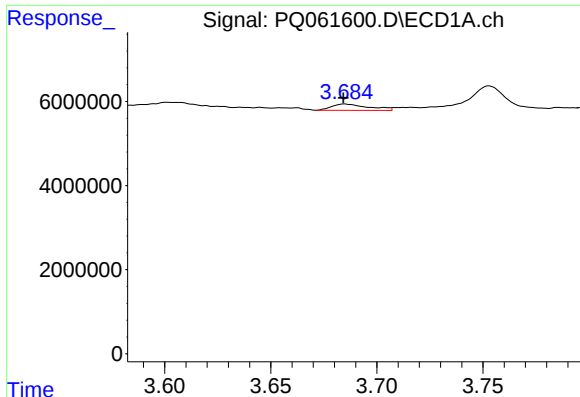
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 2452506
Conc: 43.71 ng/ml



#8 AR-1221-1

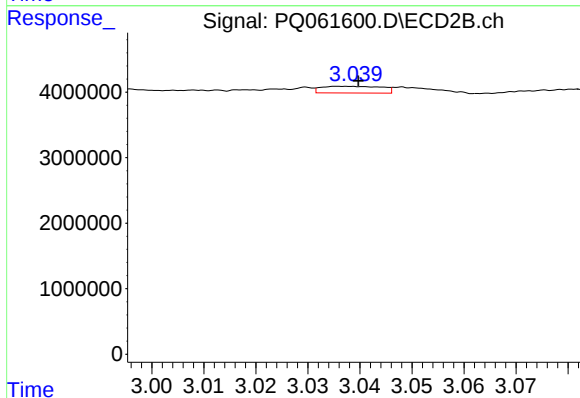
R.T.: 2.959 min
Delta R.T.: -0.004 min
Response: 322278
Conc: 9.05 ng/ml



#9 AR-1221-2

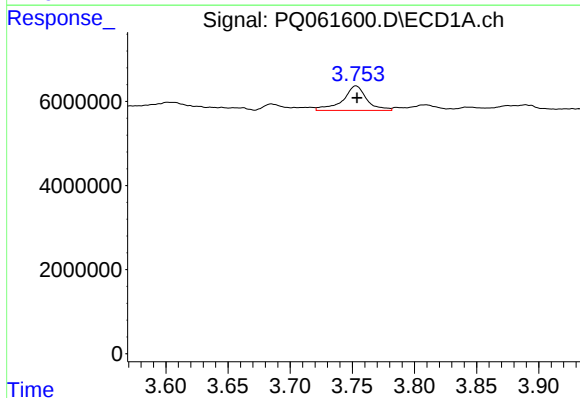
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 1830214
Conc: 43.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



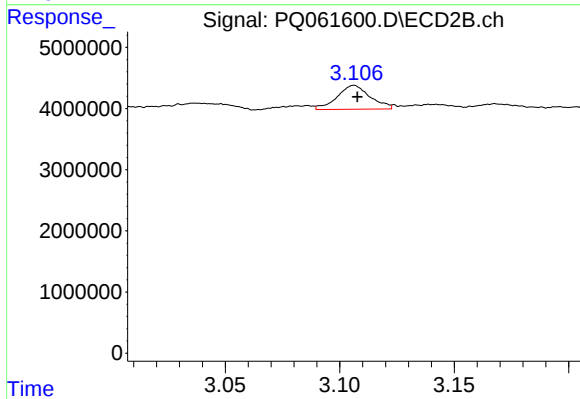
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: -0.004 min
Response: 815412
Conc: 29.61 ng/ml



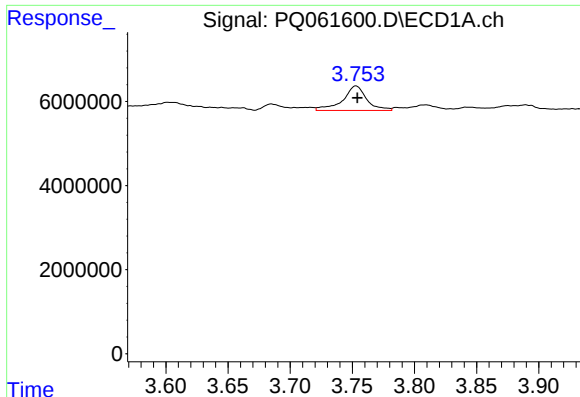
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 7766279
Conc: 59.25 ng/ml



#10 AR-1221-3

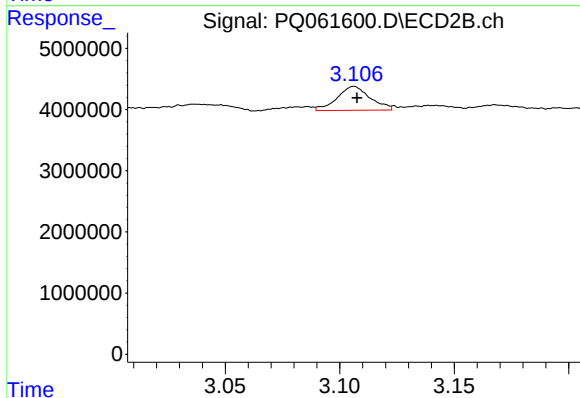
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 3910198
Conc: 46.14 ng/ml



#11 AR-1232-1

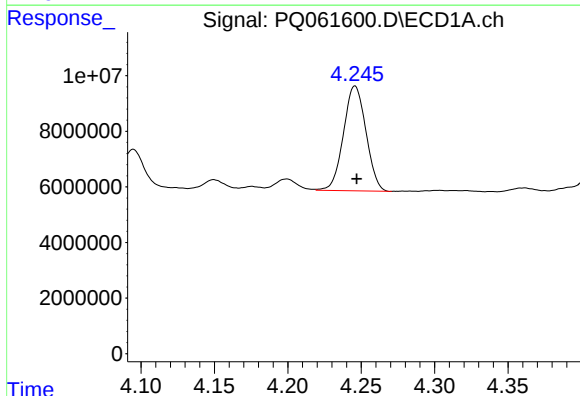
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 7766279
Conc: 81.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



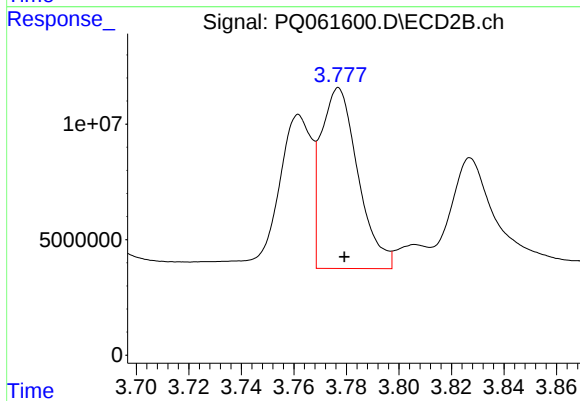
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 3910198
Conc: 63.49 ng/ml



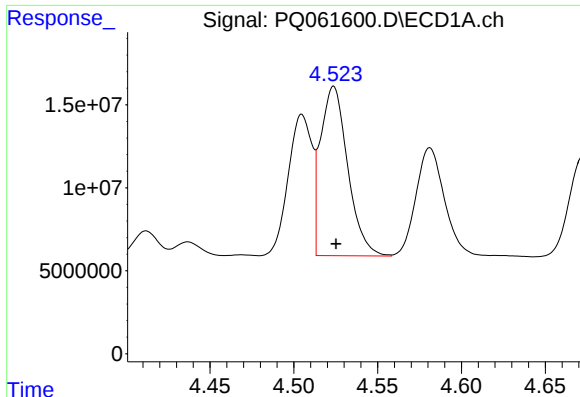
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: -0.001 min
Response: 40305766
Conc: 733.69 ng/ml



#12 AR-1232-2

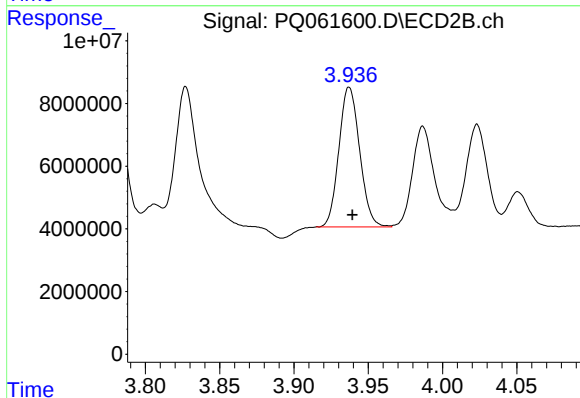
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 76619306
Conc: 1112.07 ng/ml



#13 AR-1232-3

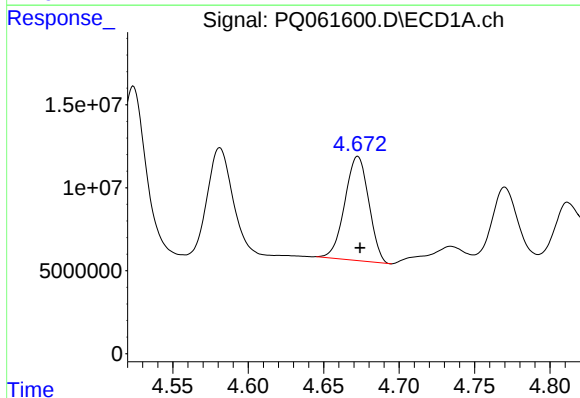
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 115204696
Conc: 1102.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



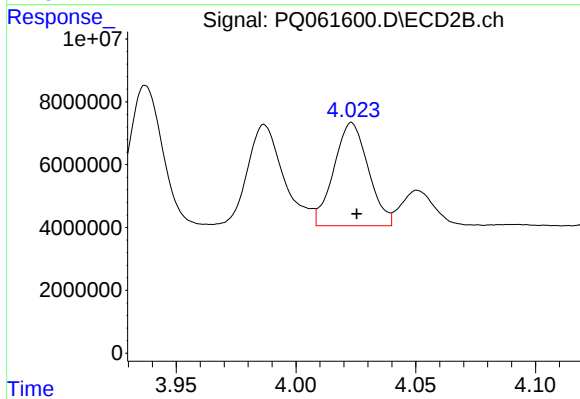
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 43478913
Conc: 1202.40 ng/ml



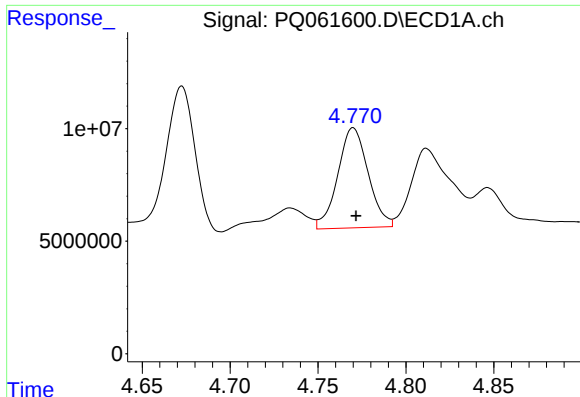
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 69437744
Conc: 1308.72 ng/ml



#14 AR-1232-4

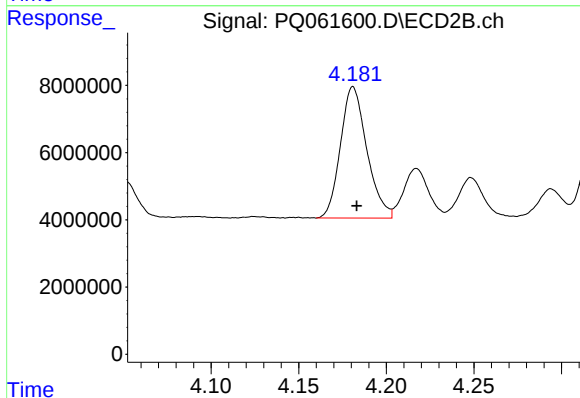
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 32793205
Conc: 1017.45 ng/ml



#15 AR-1232-5

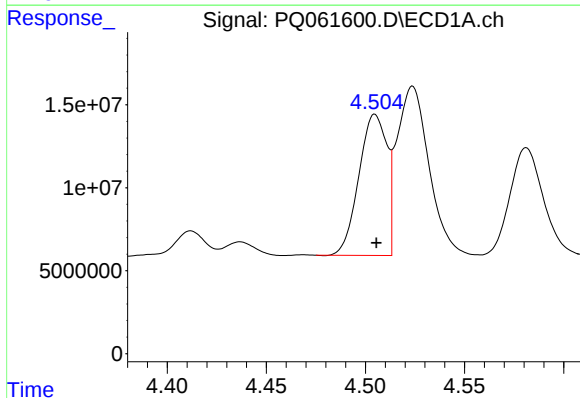
R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 53432936
Conc: 1416.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



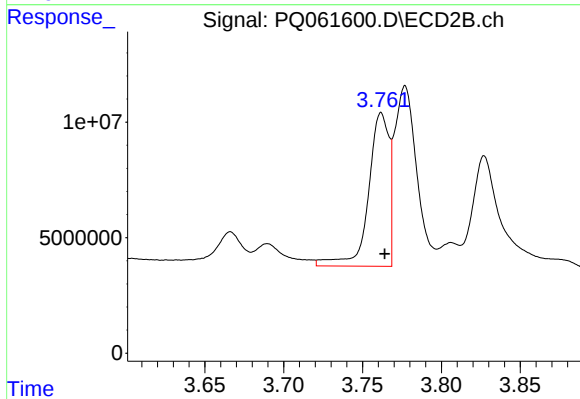
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 40977066
Conc: 1069.22 ng/ml



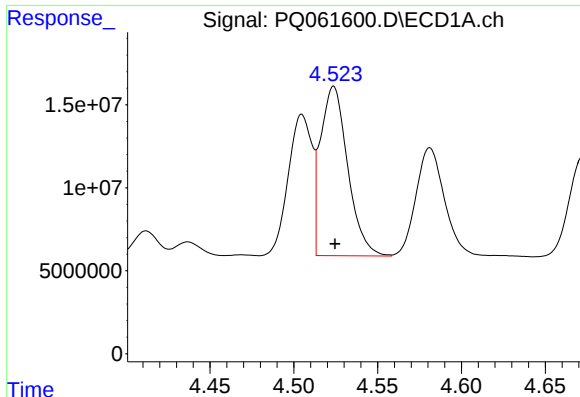
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83673034
Conc: 737.41 ng/ml



#16 AR-1242-1

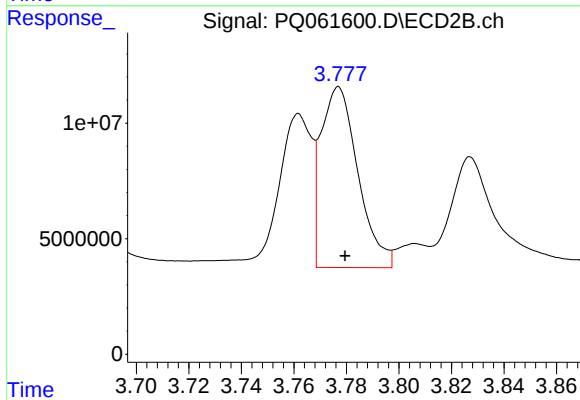
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 60318959
Conc: 787.56 ng/ml



#17 AR-1242-2

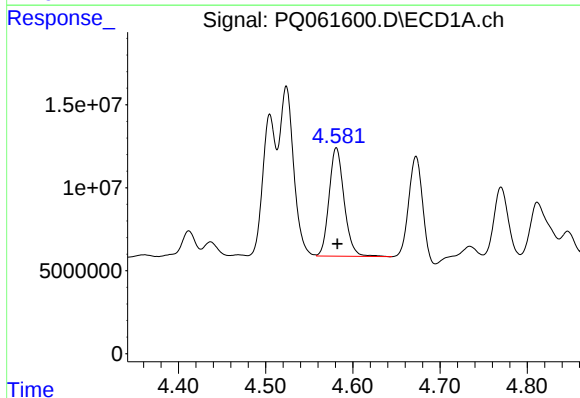
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 115204696
Conc: 678.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



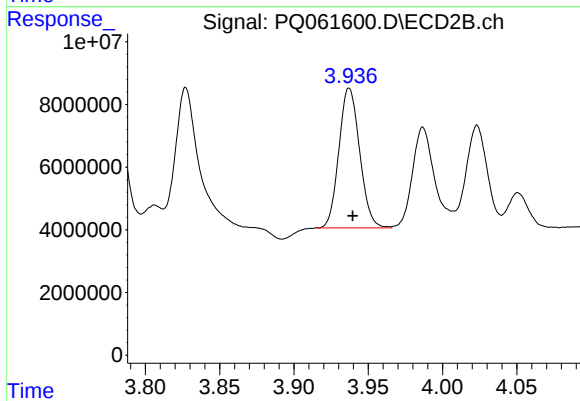
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 76619306
Conc: 691.36 ng/ml



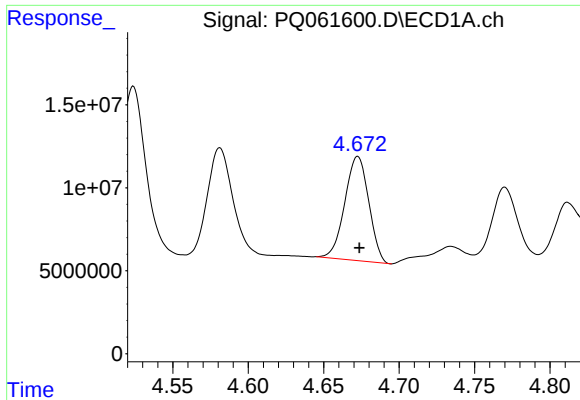
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 78161700
Conc: 730.61 ng/ml



#18 AR-1242-3

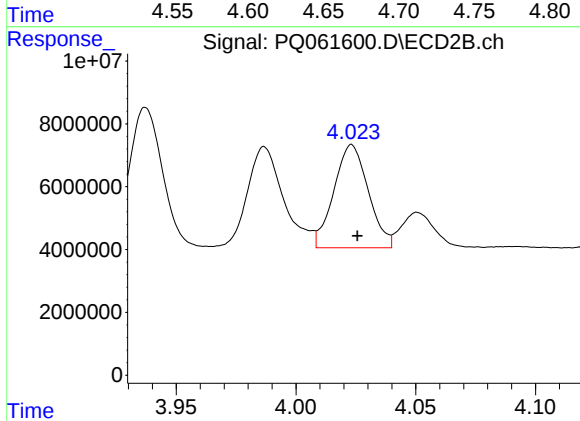
R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 43478913
Conc: 734.66 ng/ml



#19 AR-1242-4

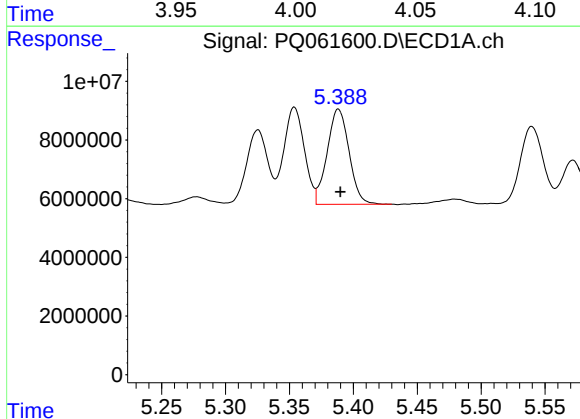
R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 69437744
Conc: 800.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



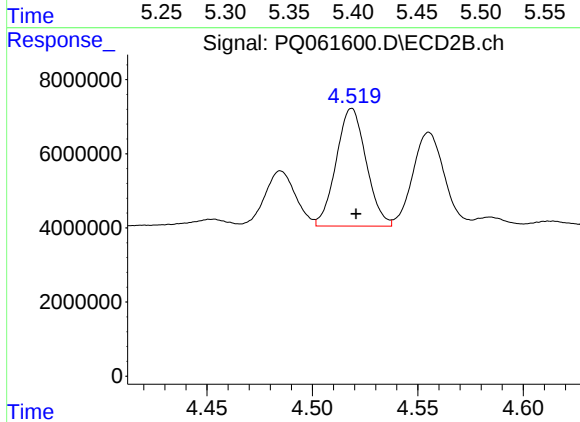
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 32793205
Conc: 547.60 ng/ml



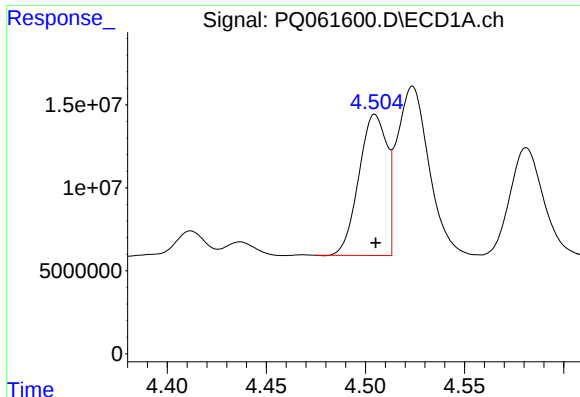
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: -0.002 min
Response: 38667504
Conc: 435.99 ng/ml



#20 AR-1242-5

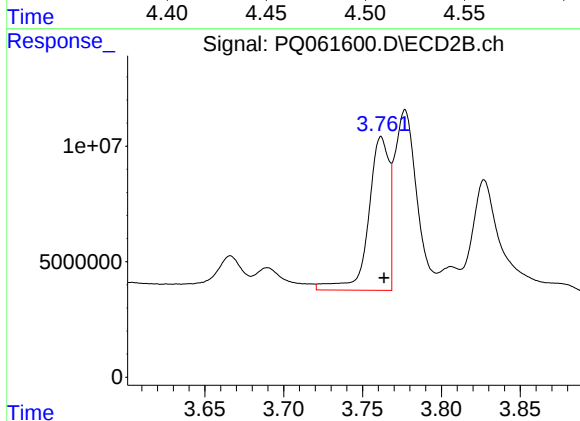
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 31459574
Conc: 392.90 ng/ml



#21 AR-1248-1

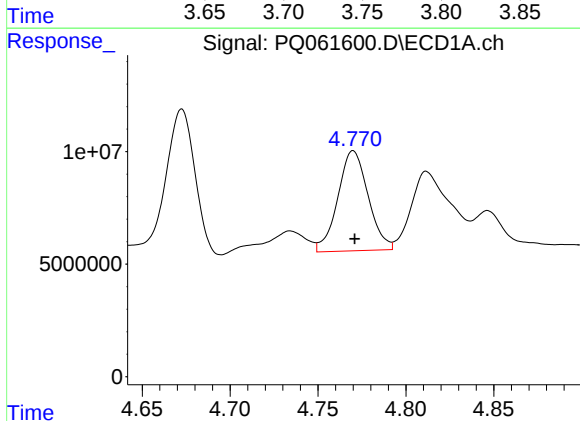
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83673034
Conc: 928.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



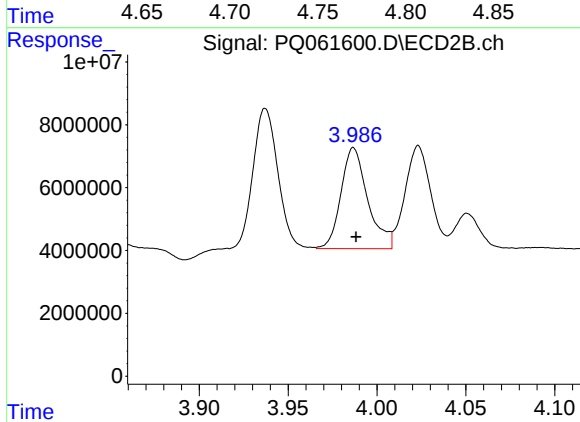
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 60318959
Conc: 969.20 ng/ml



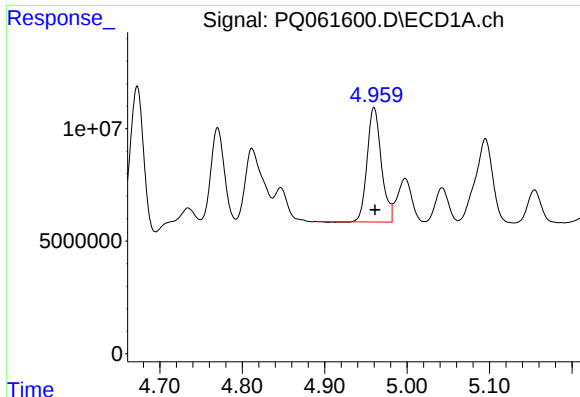
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 53432936
Conc: 420.32 ng/ml



#22 AR-1248-2

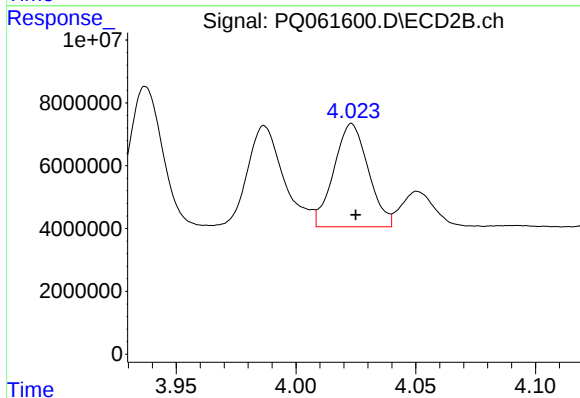
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 33797258
Conc: 349.66 ng/ml



#23 AR-1248-3

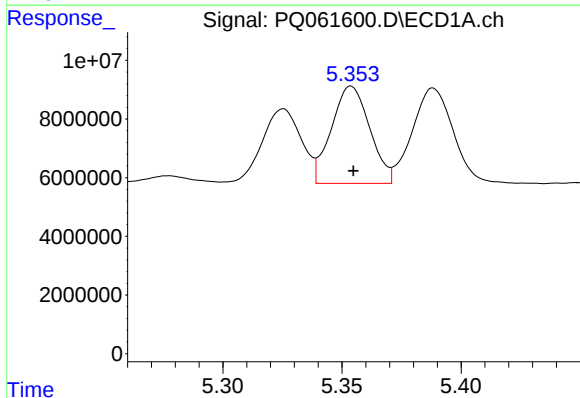
R.T.: 4.960 min
Delta R.T.: -0.001 min
Response: 60763560
Conc: 394.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



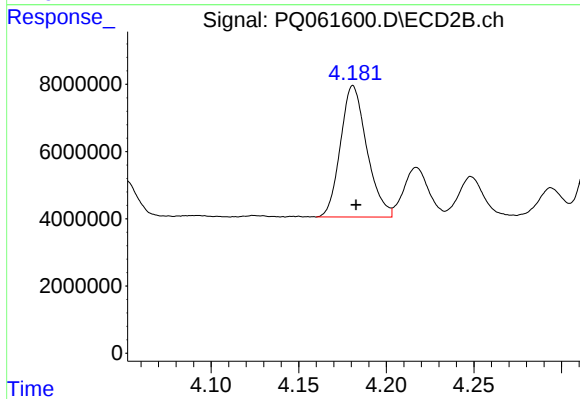
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 32793205
Conc: 358.74 ng/ml



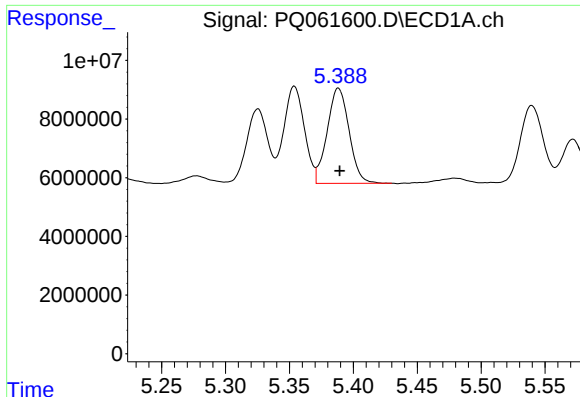
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 37178078
Conc: 219.02 ng/ml



#24 AR-1248-4

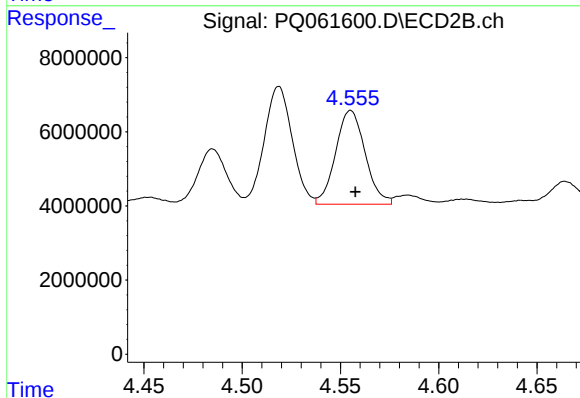
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 40977066
Conc: 361.89 ng/ml



#25 AR-1248-5

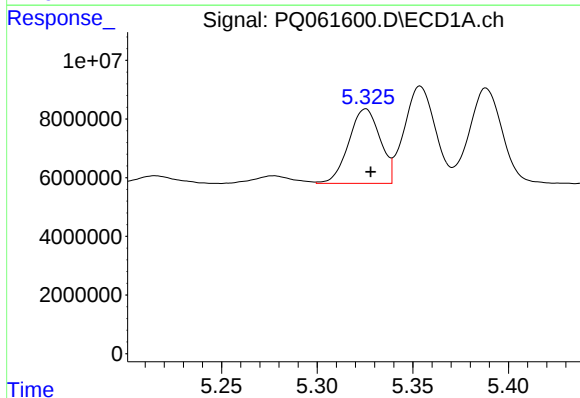
R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 38667504
Conc: 236.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



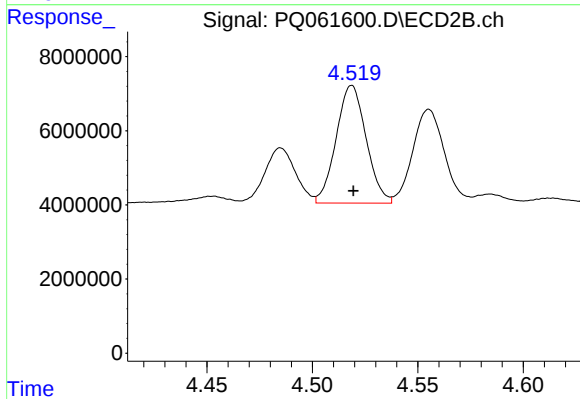
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 26447303
Conc: 240.13 ng/ml



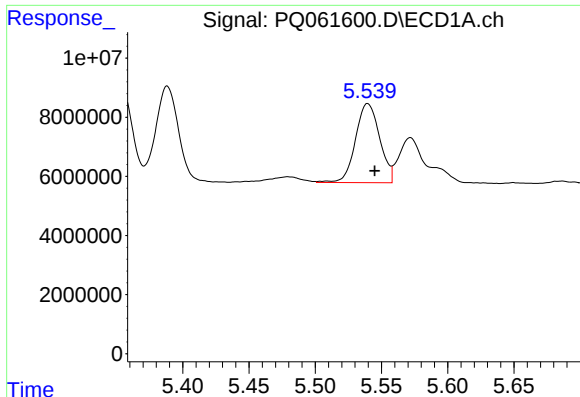
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.003 min
Response: 29071293
Conc: 170.21 ng/ml



#26 AR-1254-1

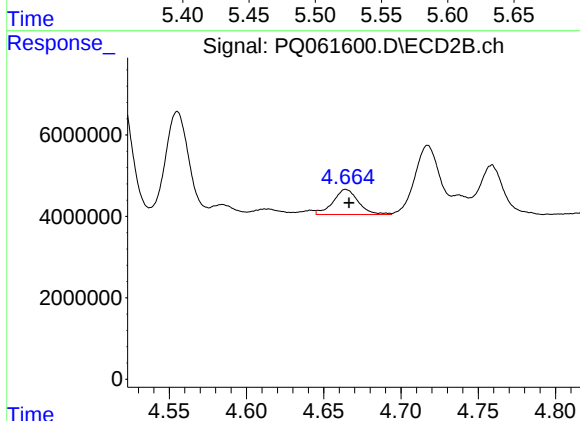
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 31459574
Conc: 191.31 ng/ml



#27 AR-1254-2

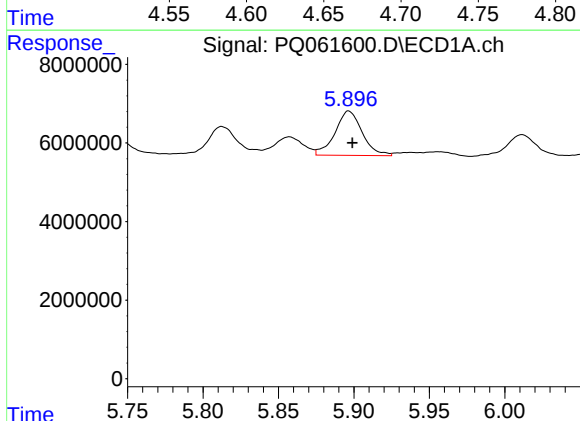
R.T.: 5.540 min
Delta R.T.: -0.005 min
Response: 33945420
Conc: 126.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



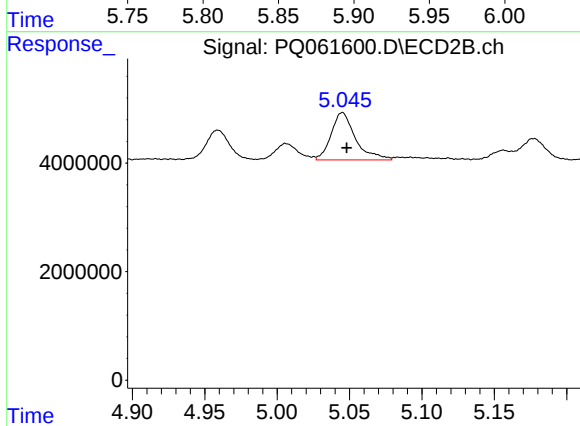
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 7020527
Conc: 46.68 ng/ml



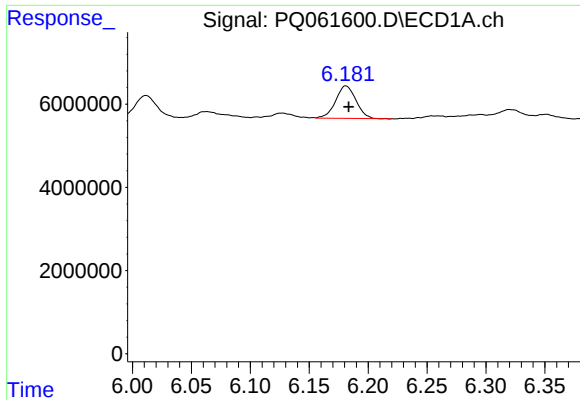
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 14129266
Conc: 50.56 ng/ml



#28 AR-1254-3

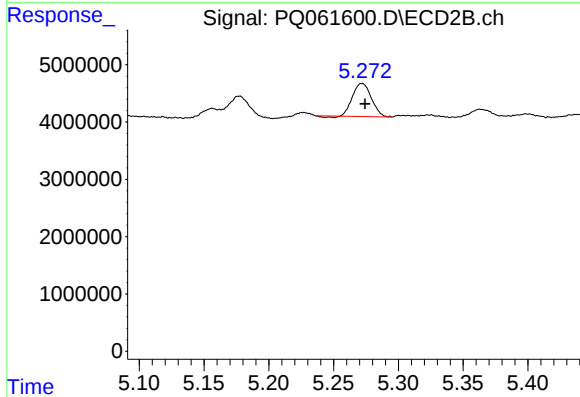
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 10253691
Conc: 44.06 ng/ml



#29 AR-1254-4

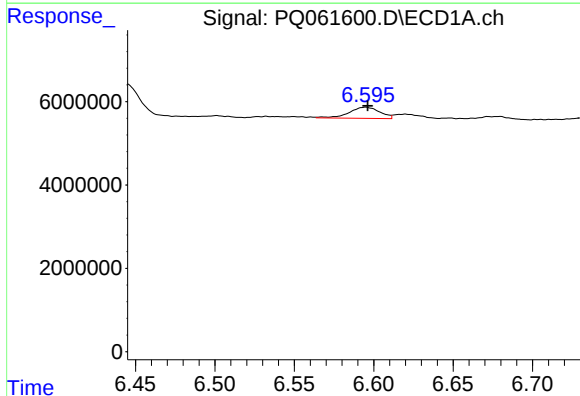
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 9396549
Conc: 45.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



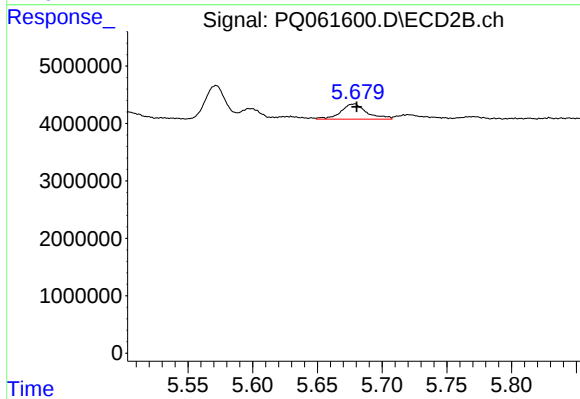
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 5757442
Conc: 40.07 ng/ml



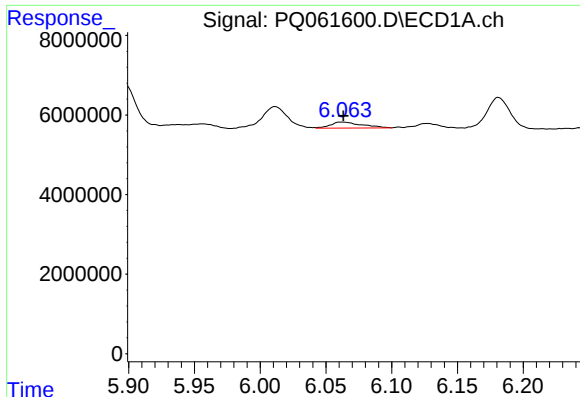
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 3618624
Conc: 15.34 ng/ml



#30 AR-1254-5

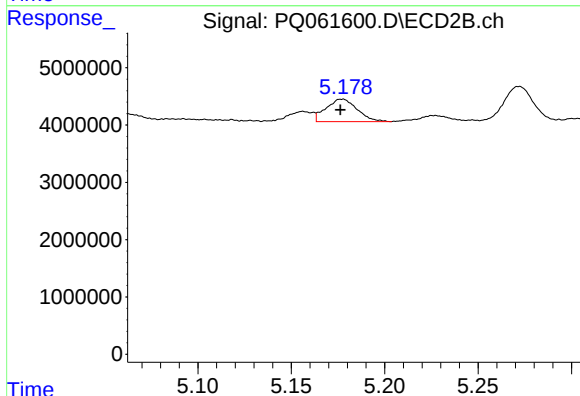
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 3706652
Conc: 16.25 ng/ml



#31 AR-1260-1

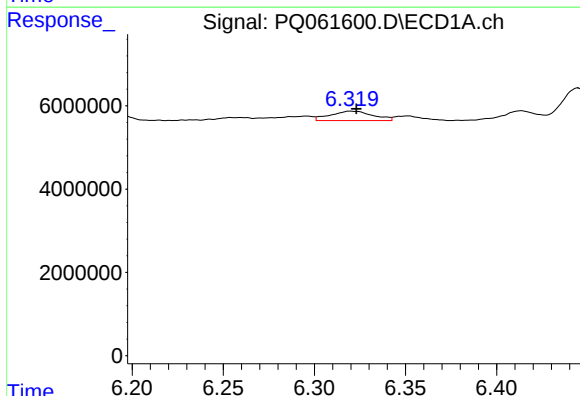
R.T.: 6.062 min
Delta R.T.: -0.001 min
Response: 2460323
Conc: 11.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



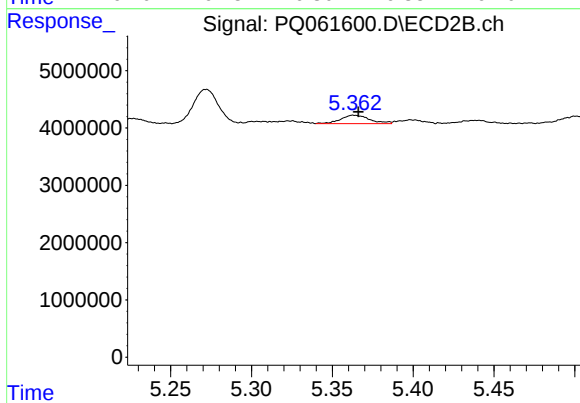
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 4580299
Conc: 26.63 ng/ml



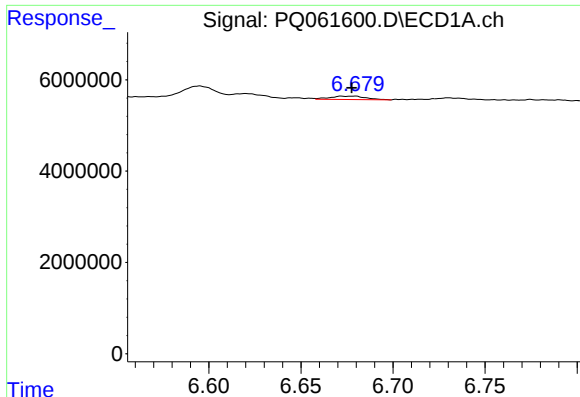
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 3649558
Conc: 13.72 ng/ml



#32 AR-1260-2

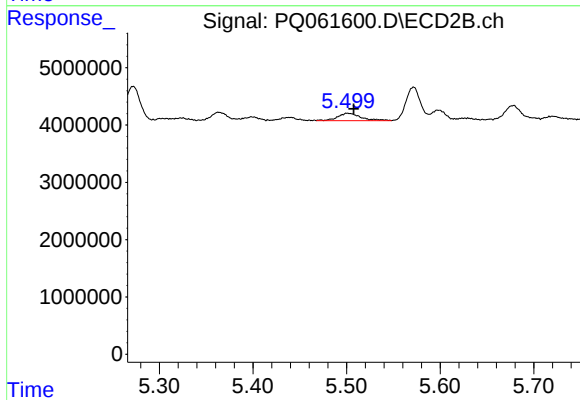
R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1828113
Conc: 8.82 ng/ml



#33 AR-1260-3

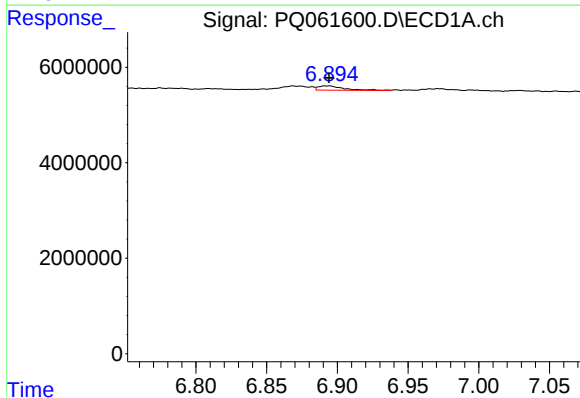
R.T.: 6.679 min
Delta R.T.: 0.001 min
Response: 965542
Conc: 5.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



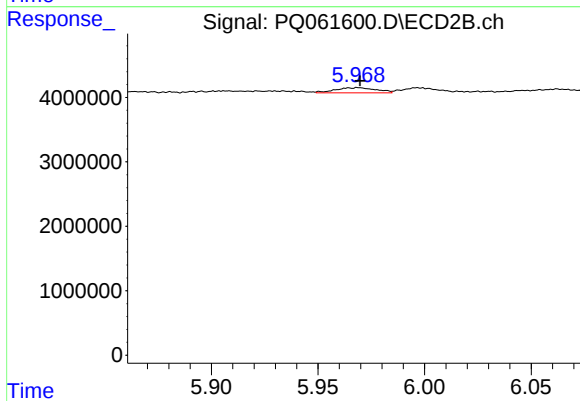
#33 AR-1260-3

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 2257327
Conc: 11.37 ng/ml



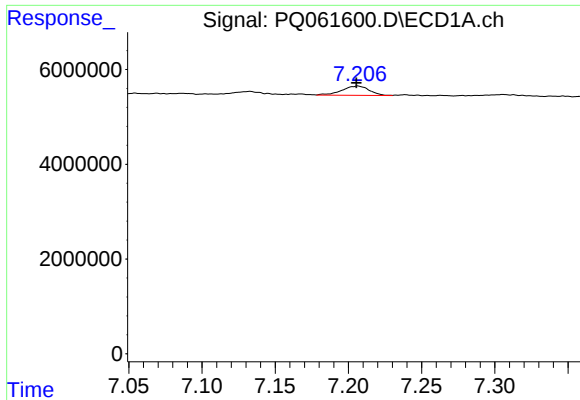
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 1178292
Conc: 5.87 ng/ml



#34 AR-1260-4

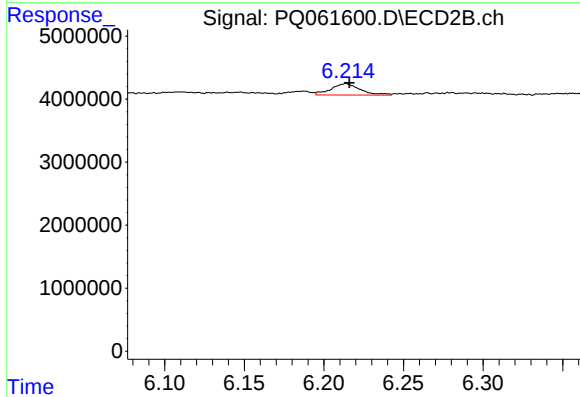
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 1074874
Conc: 7.31 ng/ml



#35 AR-1260-5

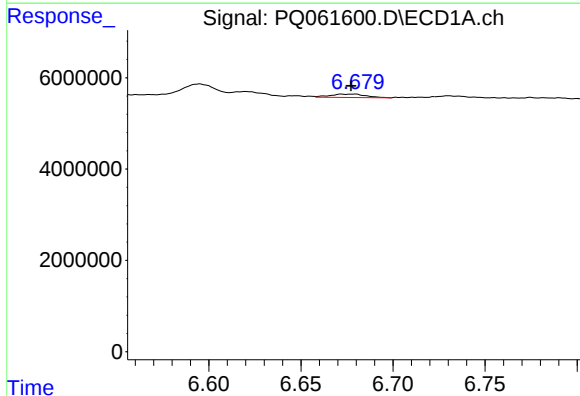
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 2551741
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



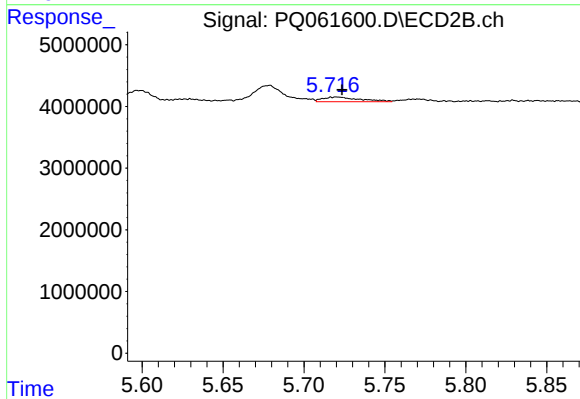
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 2328371
Conc: 7.17 ng/ml



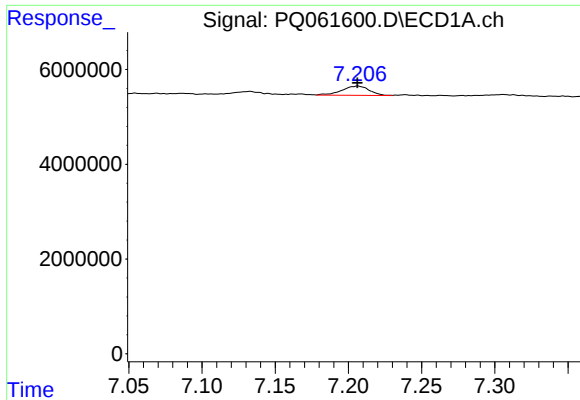
#36 AR-1262-1

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 965542
Conc: 3.22 ng/ml



#36 AR-1262-1

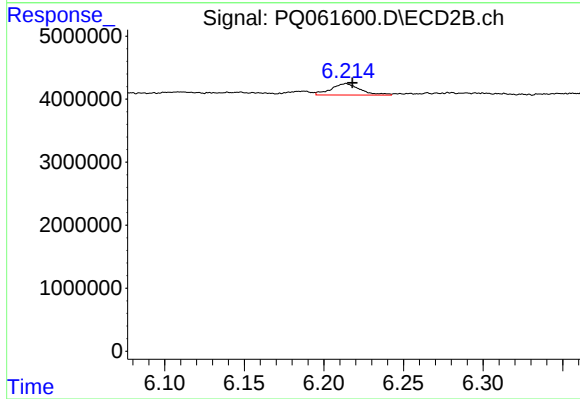
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 1248829
Conc: 5.15 ng/ml



#37 AR-1262-2

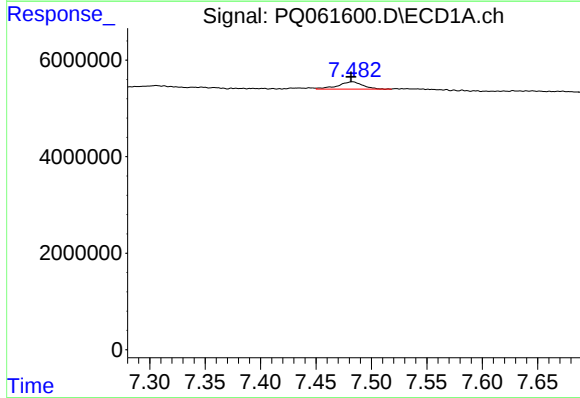
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 2551741
Conc: 5.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



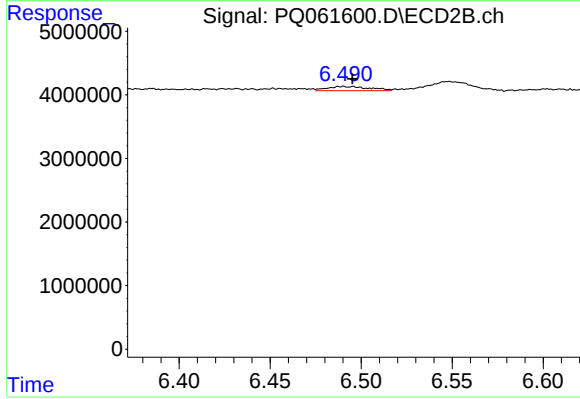
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 2328371
Conc: 5.33 ng/ml



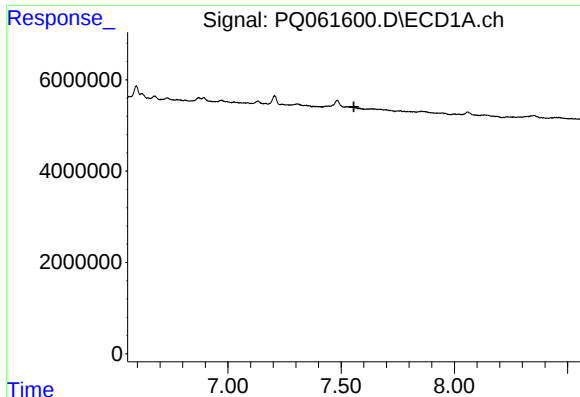
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.001 min
Response: 2346728
Conc: 6.94 ng/ml



#38 AR-1262-3

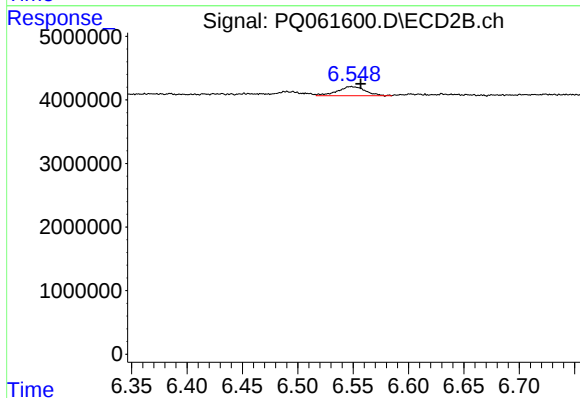
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 1090885
Conc: 6.05 ng/ml



#39 AR-1262-4

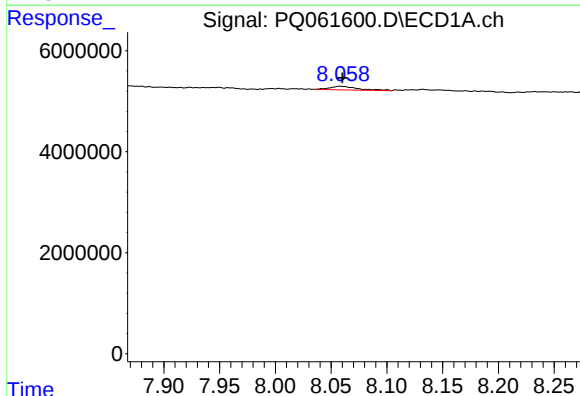
R.T.: 0.000 min
Exp R.T.: 7.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



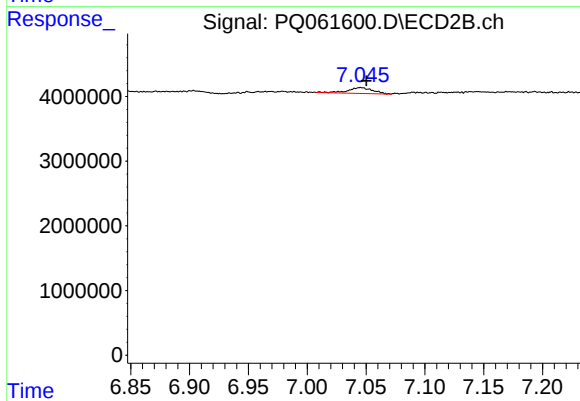
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.009 min
Response: 2512027
Conc: 7.57 ng/ml



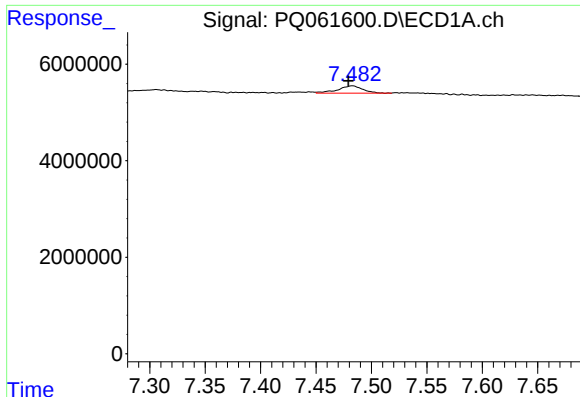
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 1280268
Conc: 7.52 ng/ml



#40 AR-1262-5

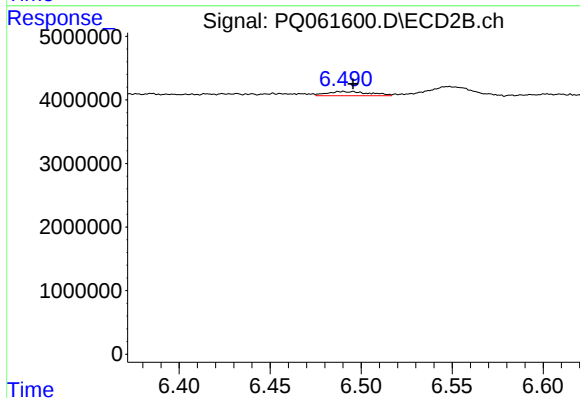
R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 1321659
Conc: 8.24 ng/ml



#41 AR-1268-1

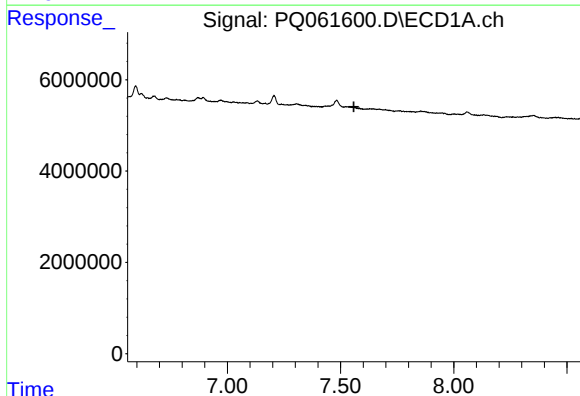
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 2346728
Conc: 4.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



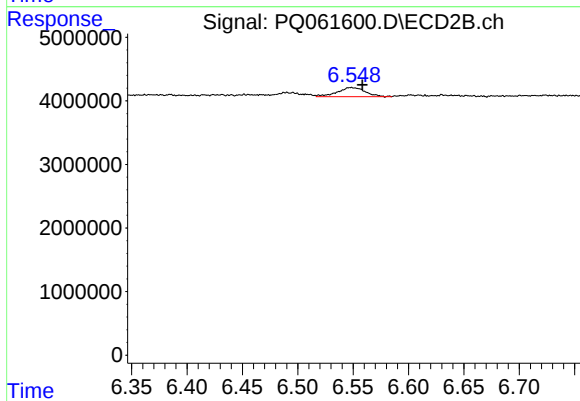
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 1090885
Conc: 2.22 ng/ml



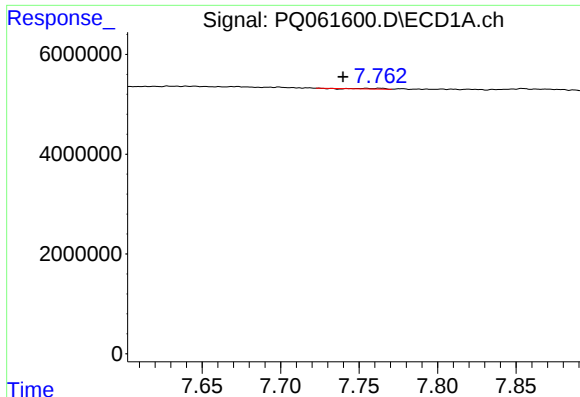
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.559 min
Response: 0
Conc: N.D.



#42 AR-1268-2

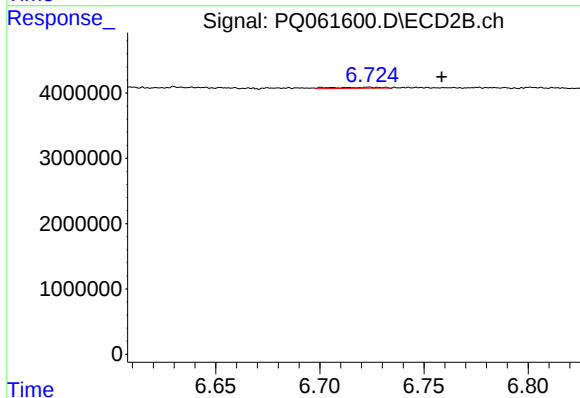
R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 2512027
Conc: 5.65 ng/ml



#43 AR-1268-3

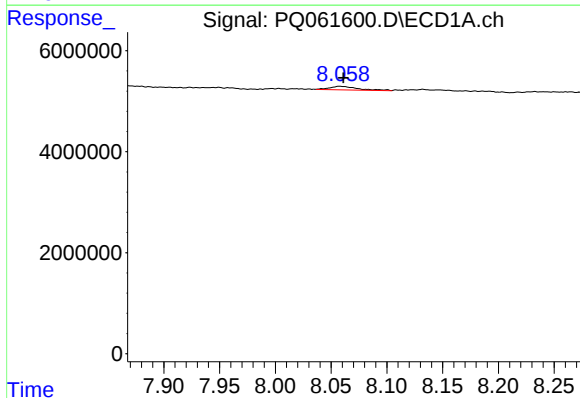
R.T.: 7.755 min
Delta R.T.: 0.015 min
Response: 91875
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



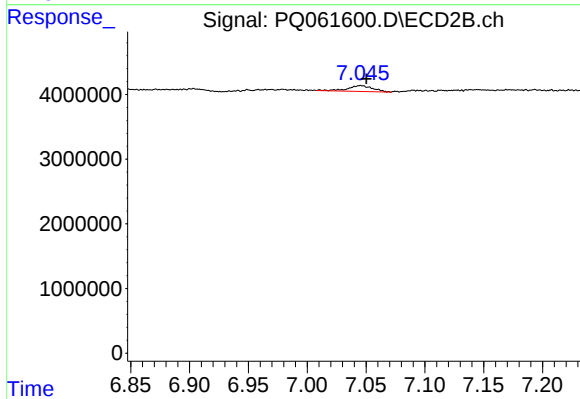
#43 AR-1268-3

R.T.: 6.723 min
Delta R.T.: -0.035 min
Response: 252335
Conc: 0.64 ng/ml



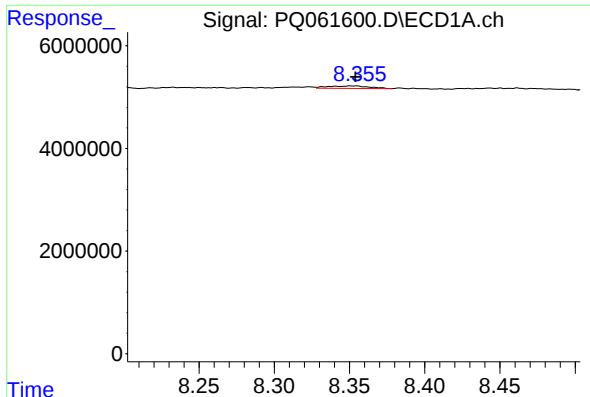
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 1280268
Conc: 7.23 ng/ml



#44 AR-1268-4

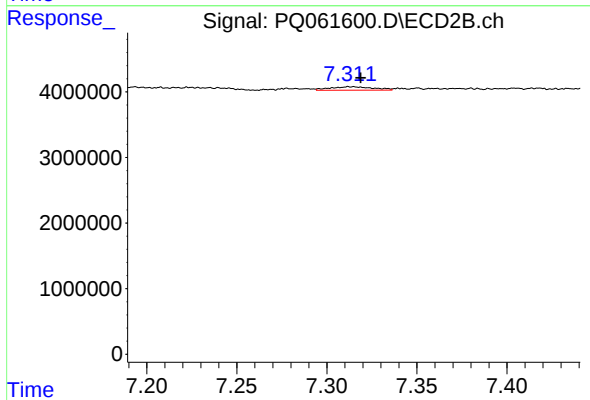
R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 1321659
Conc: 7.87 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 935306
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: -0.006 min
Response: 858224
Conc: 0.69 ng/ml