

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 16:34
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:34:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.228	4.246	456.1E6	156.2E6	18.570	18.624
2)	SA Decachlor...	11.419	9.591	765.8E6	292.8E6	37.365	37.958
Target Compounds							
3)	L1 AR-1016-1	6.551	5.505	7827607	2779118	9.742	9.022
4)	L1 AR-1016-2	6.578	5.526	10184491	2583710	8.627	6.026 #
5)	L1 AR-1016-3	6.642	5.720	5060027	1696342	7.090	7.744
6)	L1 AR-1016-4	6.750	5.769	6045295	64302680	10.042	383.982 #
7)	L1 AR-1016-5	7.064	5.999	104.1E6	29830239	185.095	139.684
8)	L2 AR-1221-1	5.455	0.000	569503	0	2.233	N.D. #
9)	L2 AR-1221-2	5.582	4.602	8137480	2887648	46.264	45.635
10)	L2 AR-1221-3	5.663	4.691	4770044	1013755	8.101	4.701 #
11)	L3 AR-1232-1	5.663	4.691	4770044	1013755	9.707	5.606 #
12)	L3 AR-1232-2	6.255	5.526	11737203	2583710	45.604	13.087 #
13)	L3 AR-1232-3	6.578	5.720	10184491	1696342	19.359	17.245
14)	L3 AR-1232-4	6.750	5.813	6045295	18435762	23.061	222.732 #
15)	L3 AR-1232-5	6.845	5.999	172.1E6	29830239	931.311	335.290 #
16)	L4 AR-1242-1	6.551	5.505	7827607	2779118	11.390	10.550
17)	L4 AR-1242-2	6.578	5.526	10184491	2583710	10.088	7.032 #
18)	L4 AR-1242-3	6.642	5.720	5060027	1696342	8.332	8.898
19)	L4 AR-1242-4	6.750	5.813	6045295	18435762	11.888	104.387 #
20)	L4 AR-1242-5	7.535	6.379	145.2E6	175.4E6	257.361	699.524 #
21)	L5 AR-1248-1	6.551	5.505	7827607	2779118	14.292	13.515
22)	L5 AR-1248-2	6.845	5.769	172.1E6	64302680	223.841	237.909
23)	L5 AR-1248-3	7.064	5.813	104.1E6	18435762	117.953	66.114 #
24)	L5 AR-1248-4	7.492	5.999	182.4E6	29830239	175.426	89.648 #
25)	L5 AR-1248-5	7.535	6.422	145.2E6	21654943	141.738	60.565 #
26)	L6 AR-1254-1	7.462	6.379	364.0E6	175.4E6	366.425	328.865
27)	L6 AR-1254-2	7.691	6.537	540.8E6	148.9E6	349.893	326.037
28)	L6 AR-1254-3	8.074	6.959	575.0E6	243.8E6	340.213	324.162
29)	L6 AR-1254-4	8.368	7.197	421.9E6	162.6E6	336.378	322.343
30)	L6 AR-1254-5	8.797	7.627	438.2E6	221.0E6	326.123	324.936
31)	L7 AR-1260-1	8.239	7.096	217.4E6	110.6E6	217.556	269.966
32)	L7 AR-1260-2	8.502	7.291	255.2E6	100.7E6	207.794	189.597
33)	L7 AR-1260-3	8.861	7.446	65547218	97664848	71.675	204.356 #
34)	L7 AR-1260-4	9.106	7.931	185.4E6	10633920	172.048	26.254 #
35)	L7 AR-1260-5	9.458	8.176	72334754	26530649	31.880	24.640
36)	L8 AR-1262-1	8.861	7.627	65547218	221.0E6	41.632	640.013 #
37)	L8 AR-1262-2	9.458	8.176	72334754	26530649	24.145	19.783
38)	L8 AR-1262-3	9.817	8.464	48984890	4492684	24.608	8.592 #
39)	L8 AR-1262-4	9.869	8.525	14167666	28295451	9.310	28.957 #
40)	L8 AR-1262-5	10.607	9.030	7153151	4377481	6.574	9.659 #
41)	L9 AR-1268-1	9.817	8.464	48984890	4492684	13.935	2.789 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 16:34
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

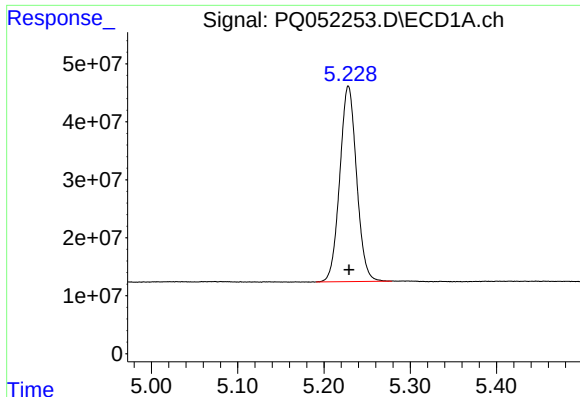
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:34:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.869	8.525	14167666	28295451	4.314	18.981 #
43) L9	AR-1268-3	10.133	8.736	2501537	2791247	0.899	2.226 #
44) L9	AR-1268-4	10.607	9.030	7153151	4377481	5.866	8.374 #
45) L9	AR-1268-5	11.054	9.329	11925000	2077528	1.221	0.517 #

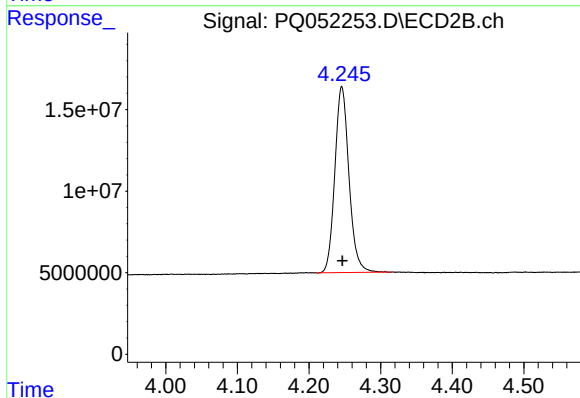
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

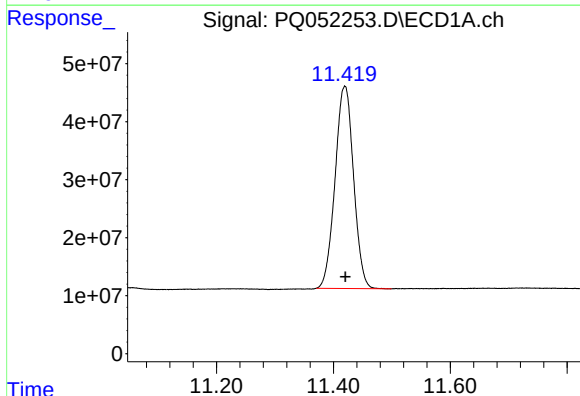
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 456061391
Conc: 18.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



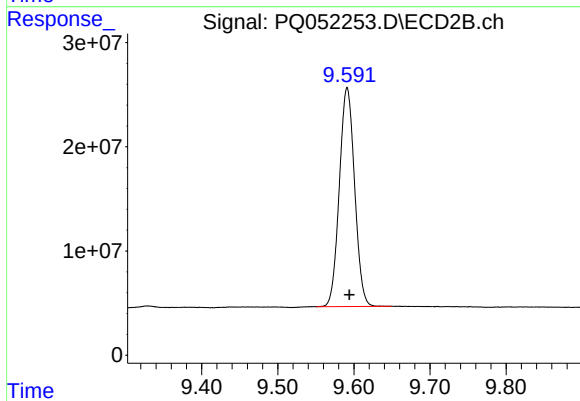
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 156226275
Conc: 18.62 ng/ml



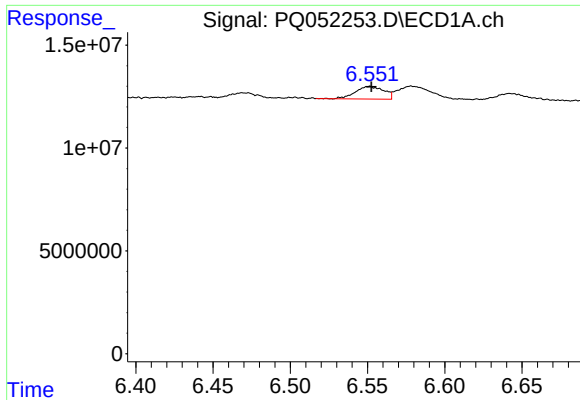
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.001 min
Response: 765799568
Conc: 37.37 ng/ml



#2 Decachlorobiphenyl

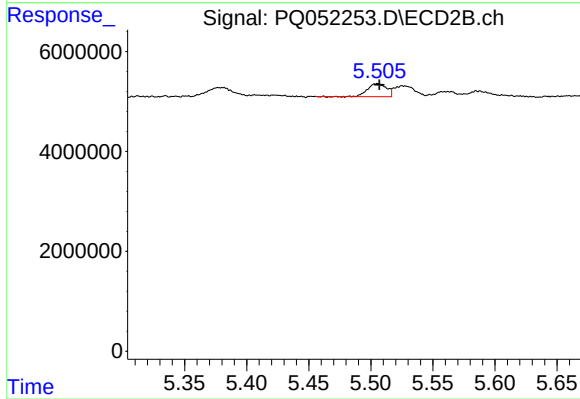
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 292765439
Conc: 37.96 ng/ml



#3 AR-1016-1

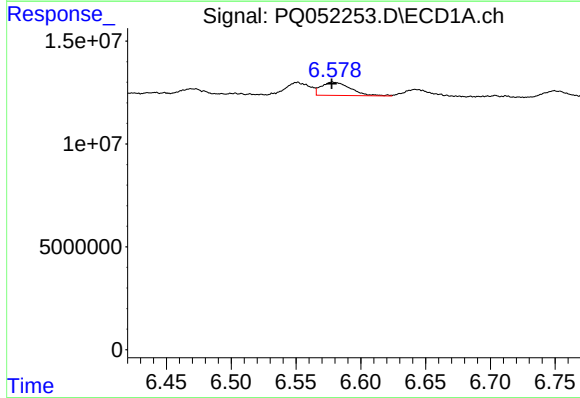
R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 7827607
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



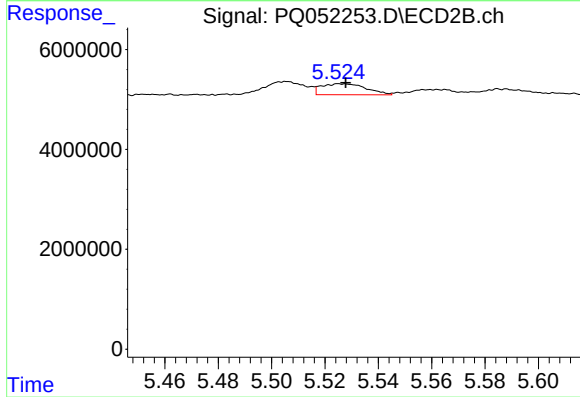
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 2779118
Conc: 9.02 ng/ml



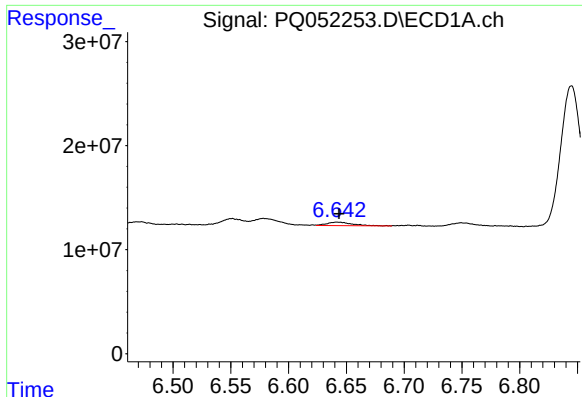
#4 AR-1016-2

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 10184491
Conc: 8.63 ng/ml



#4 AR-1016-2

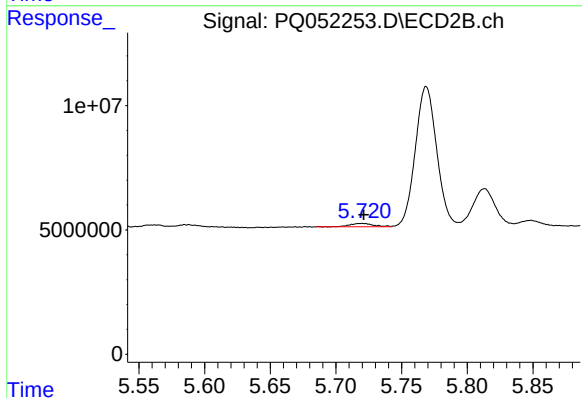
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 2583710
Conc: 6.03 ng/ml



#5 AR-1016-3

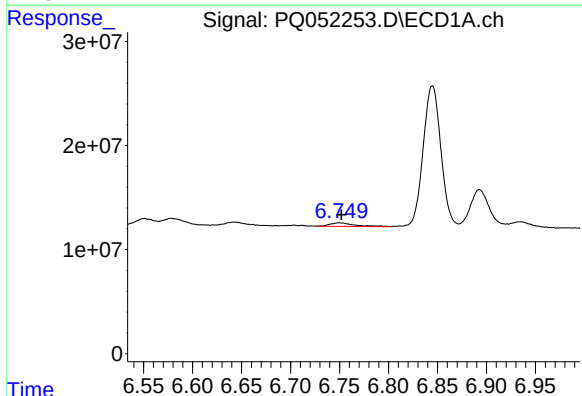
R.T.: 6.642 min
Delta R.T.: -0.001 min
Response: 5060027
Conc: 7.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



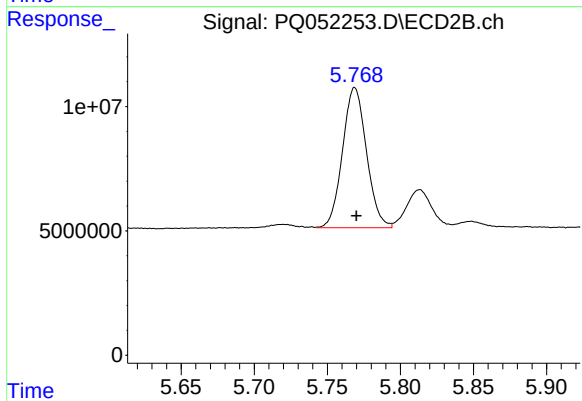
#5 AR-1016-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1696342
Conc: 7.74 ng/ml



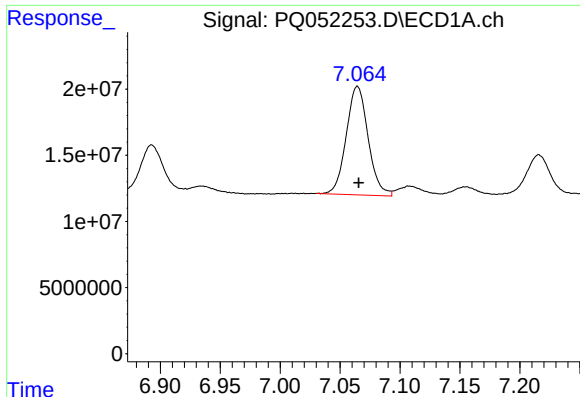
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 6045295
Conc: 10.04 ng/ml



#6 AR-1016-4

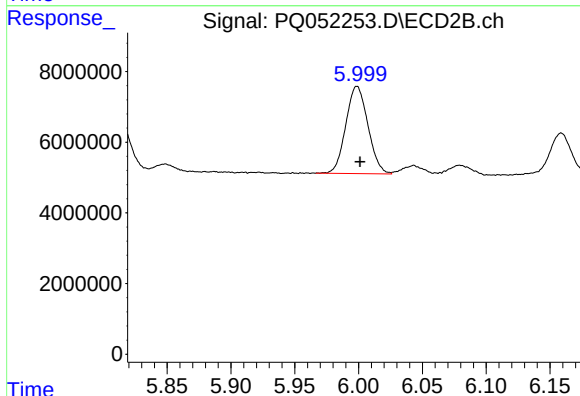
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 64302680
Conc: 383.98 ng/ml



#7 AR-1016-5

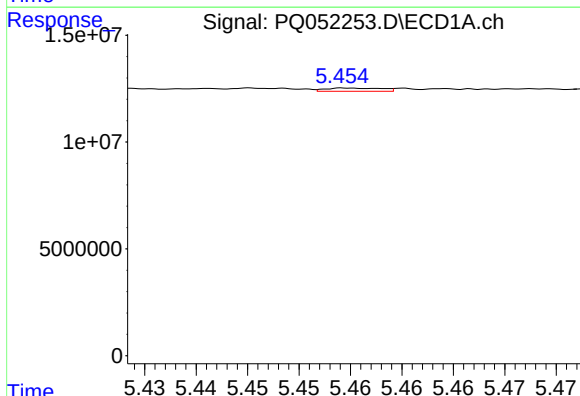
R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 104143189
Conc: 185.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



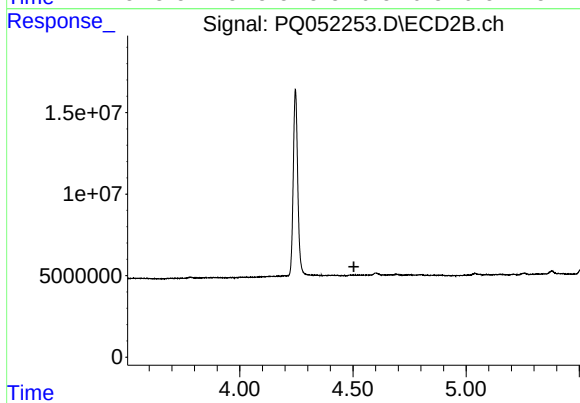
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 29830239
Conc: 139.68 ng/ml



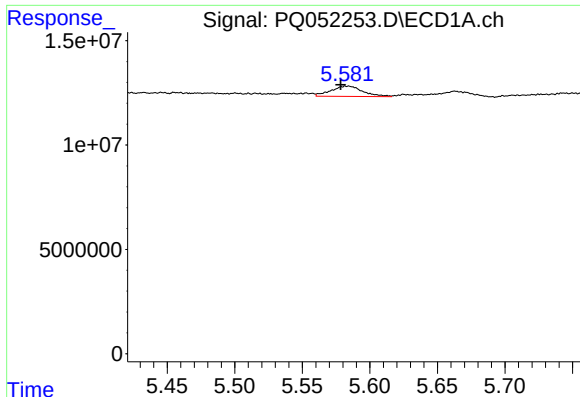
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: -0.024 min
Response: 569503
Conc: 2.23 ng/ml



#8 AR-1221-1

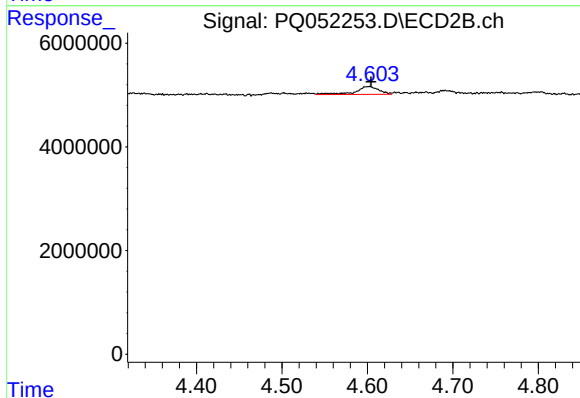
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

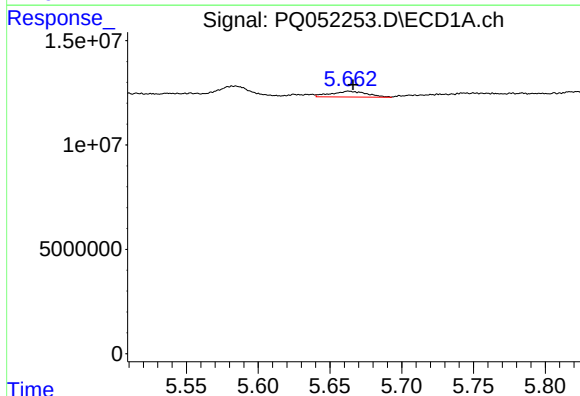
R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 8137480
Conc: 46.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



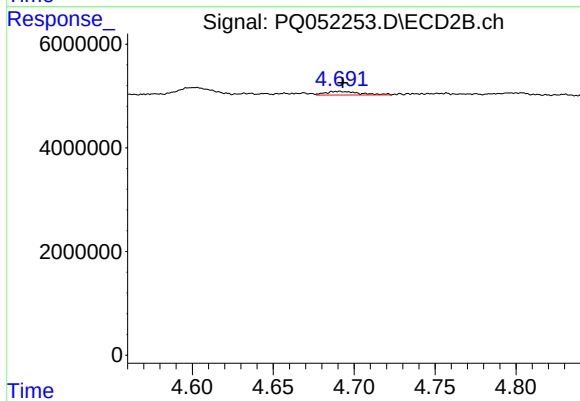
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 2887648
Conc: 45.64 ng/ml



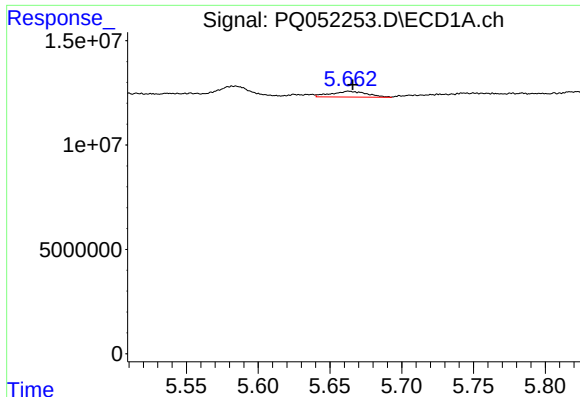
#10 AR-1221-3

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 4770044
Conc: 8.10 ng/ml



#10 AR-1221-3

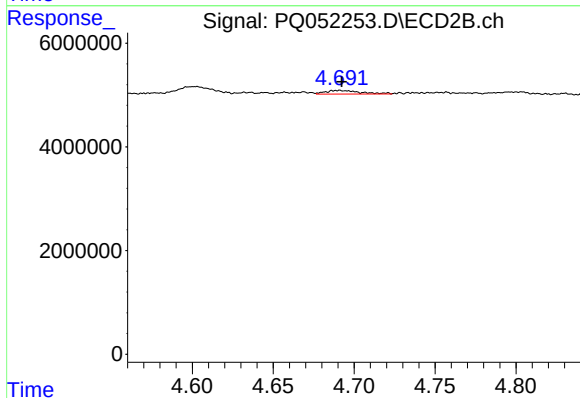
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 1013755
Conc: 4.70 ng/ml



#11 AR-1232-1

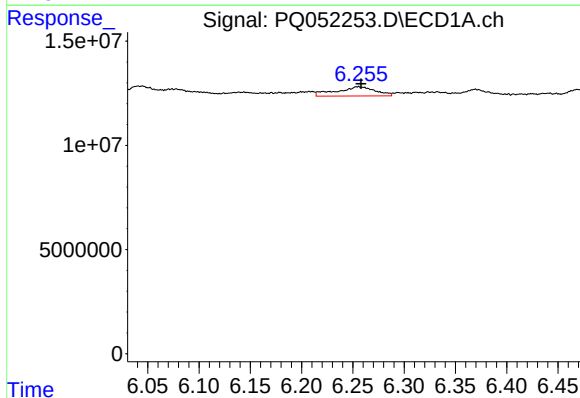
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 4770044
Conc: 9.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



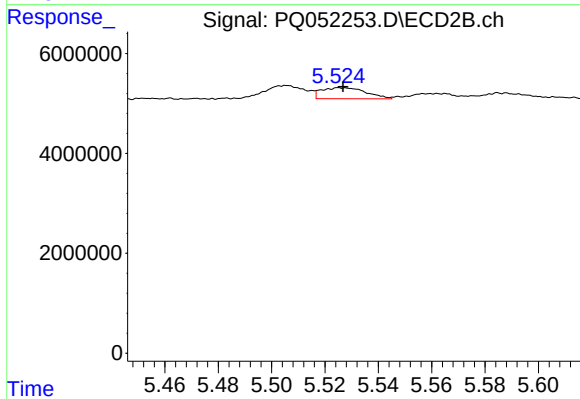
#11 AR-1232-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 1013755
Conc: 5.61 ng/ml



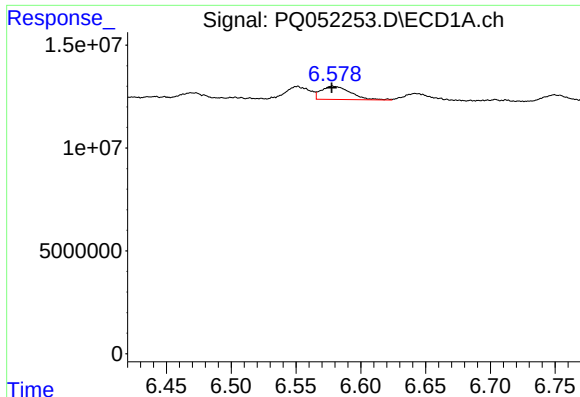
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 11737203
Conc: 45.60 ng/ml



#12 AR-1232-2

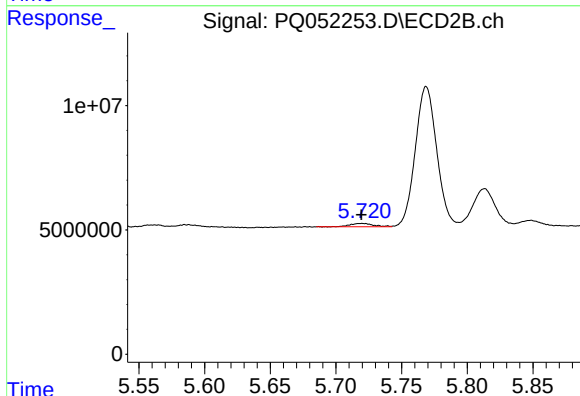
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2583710
Conc: 13.09 ng/ml



#13 AR-1232-3

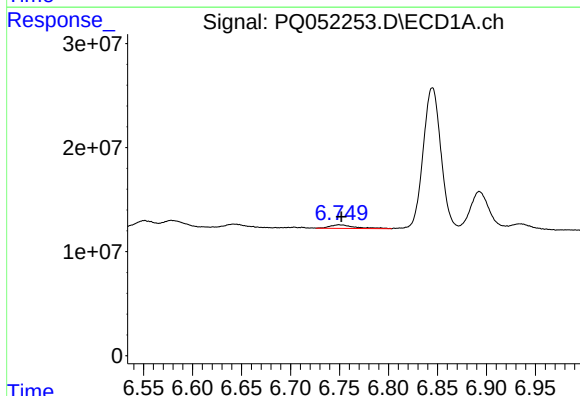
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 10184491
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



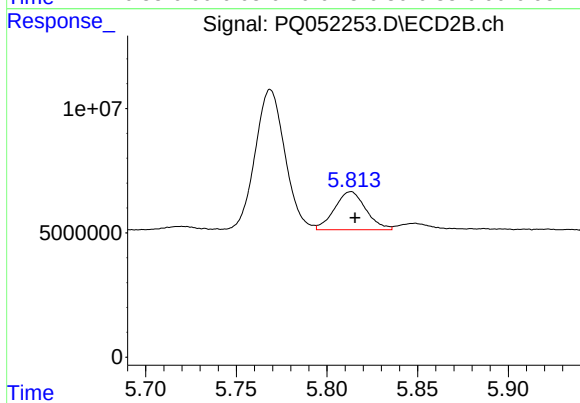
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1696342
Conc: 17.24 ng/ml



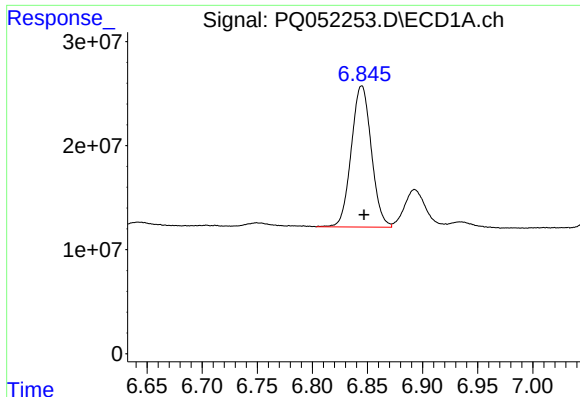
#14 AR-1232-4

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 6045295
Conc: 23.06 ng/ml



#14 AR-1232-4

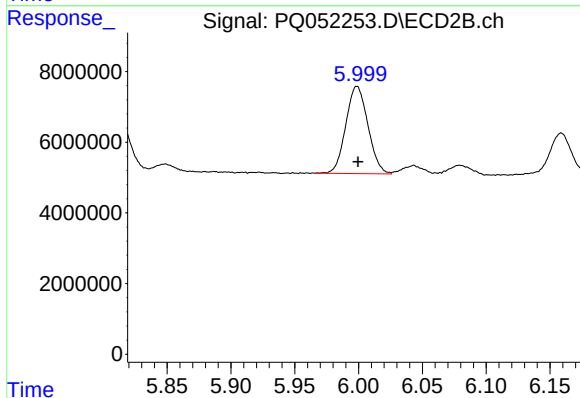
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 18435762
Conc: 222.73 ng/ml



#15 AR-1232-5

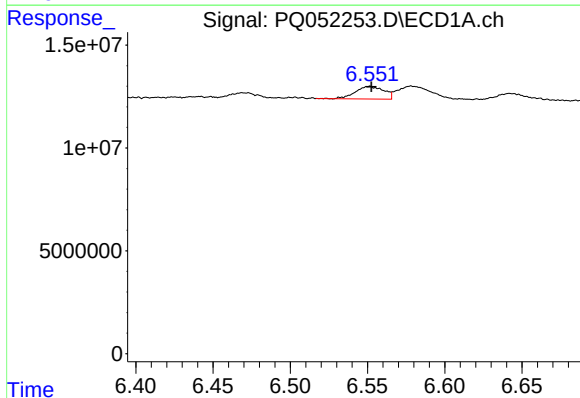
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 172051453
Conc: 931.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



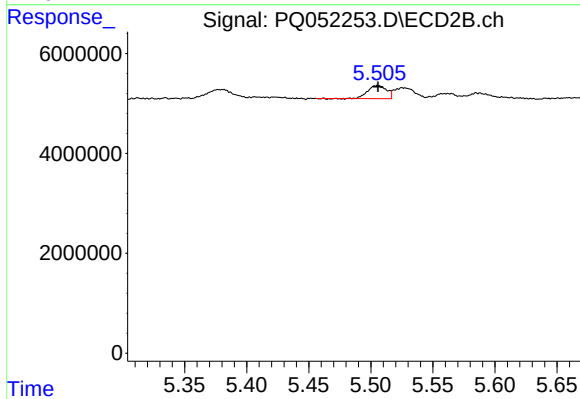
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 29830239
Conc: 335.29 ng/ml



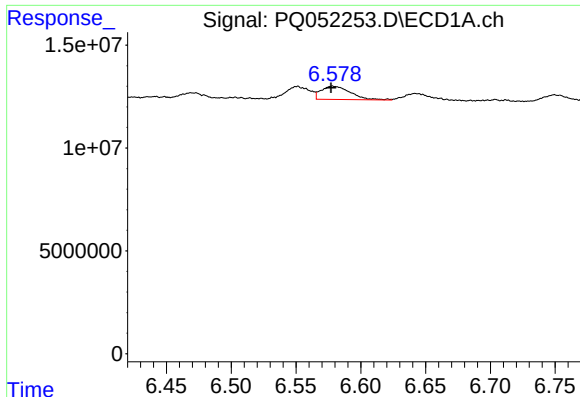
#16 AR-1242-1

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 7827607
Conc: 11.39 ng/ml



#16 AR-1242-1

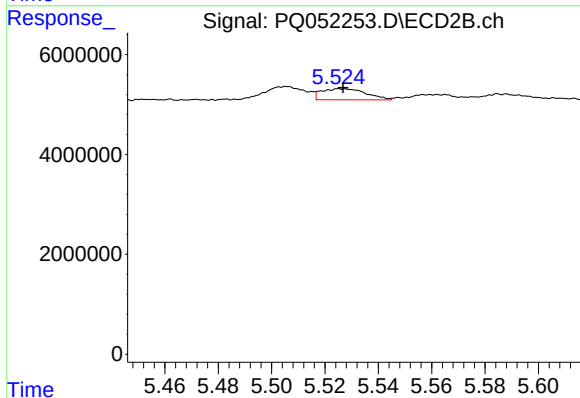
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2779118
Conc: 10.55 ng/ml



#17 AR-1242-2

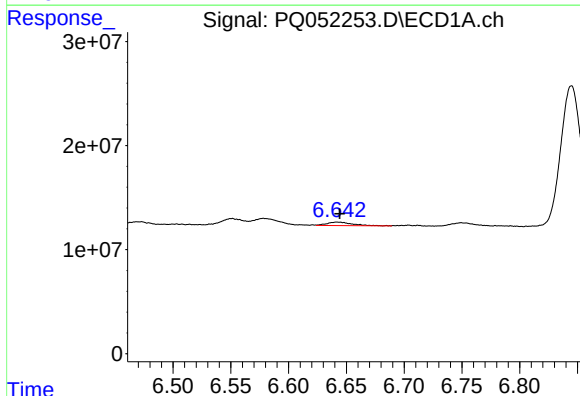
R.T.: 6.578 min
Delta R.T.: 0.001 min
Response: 10184491
Conc: 10.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



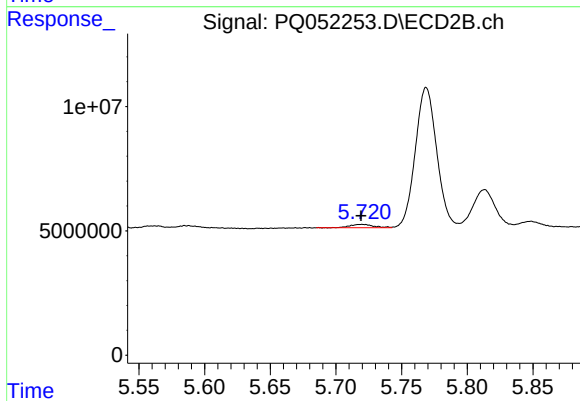
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 2583710
Conc: 7.03 ng/ml



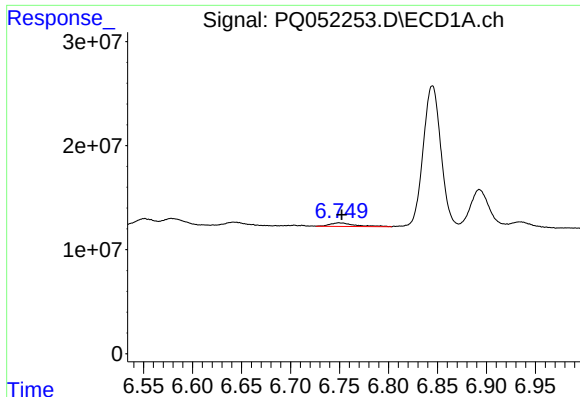
#18 AR-1242-3

R.T.: 6.642 min
Delta R.T.: -0.002 min
Response: 5060027
Conc: 8.33 ng/ml



#18 AR-1242-3

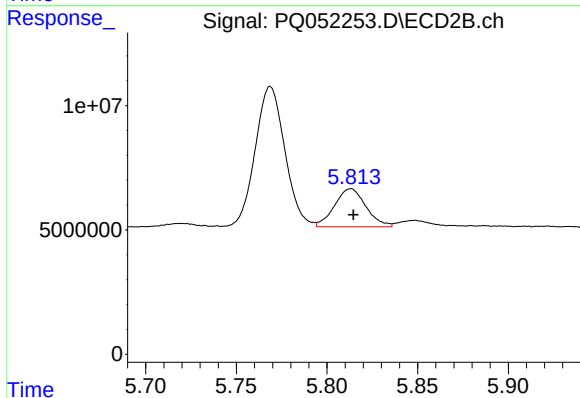
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 1696342
Conc: 8.90 ng/ml



#19 AR-1242-4

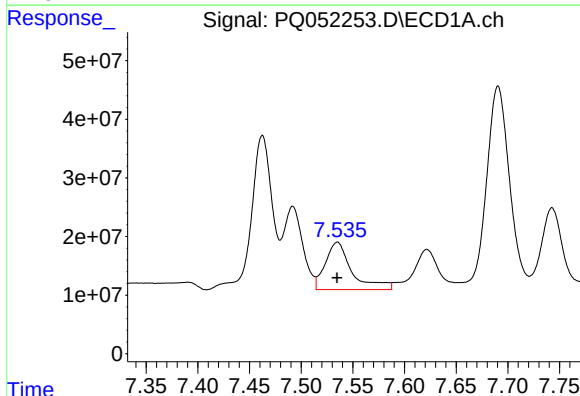
R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 6045295
Conc: 11.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



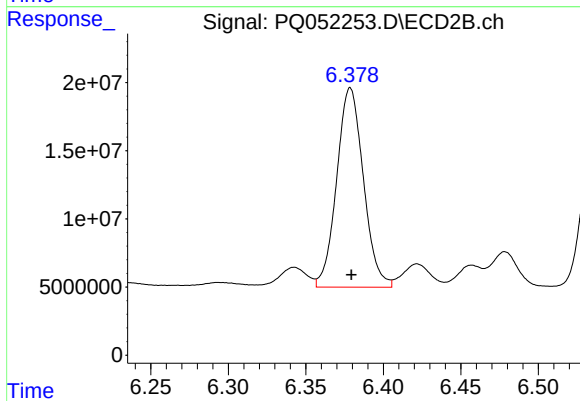
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 18435762
Conc: 104.39 ng/ml



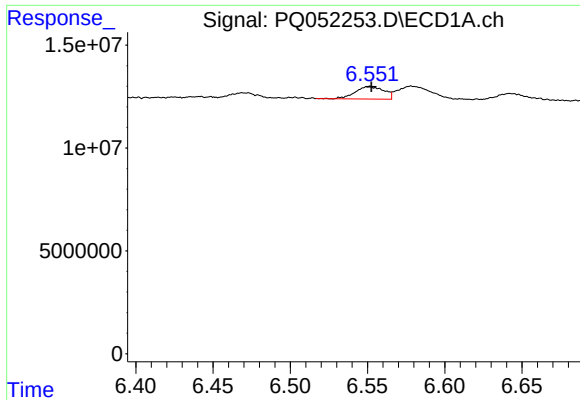
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 145193481
Conc: 257.36 ng/ml



#20 AR-1242-5

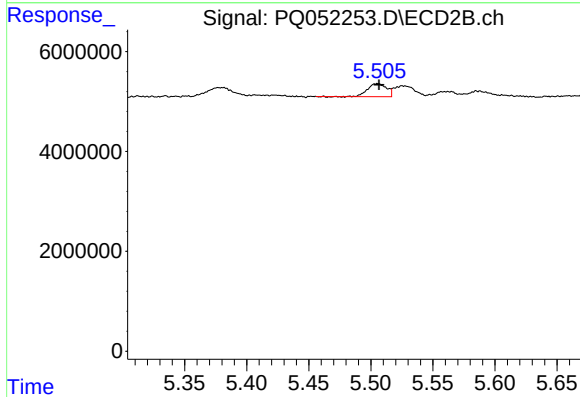
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 175380346
Conc: 699.52 ng/ml



#21 AR-1248-1

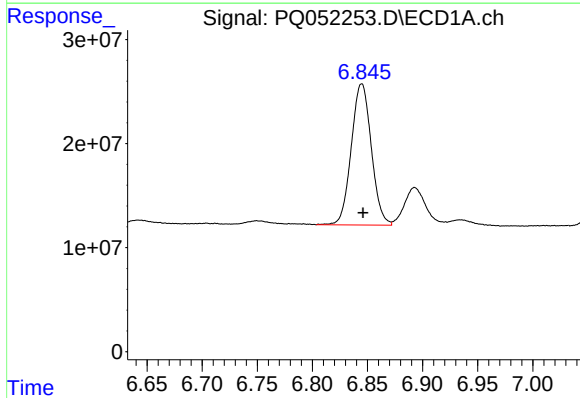
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 7827607
Conc: 14.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



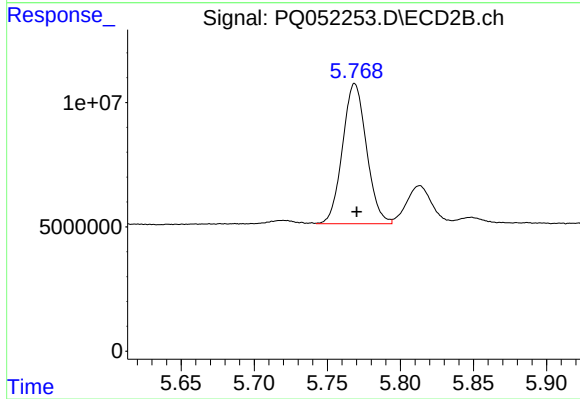
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 2779118
Conc: 13.51 ng/ml



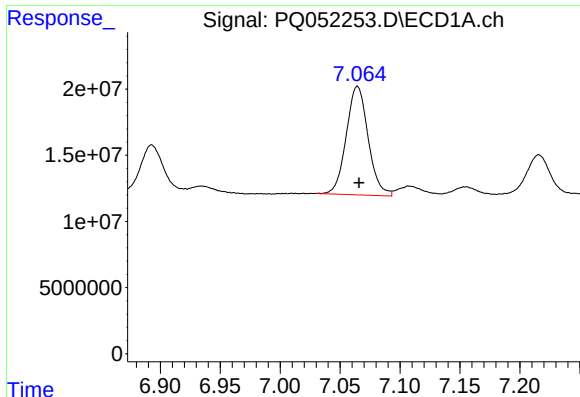
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 172051453
Conc: 223.84 ng/ml



#22 AR-1248-2

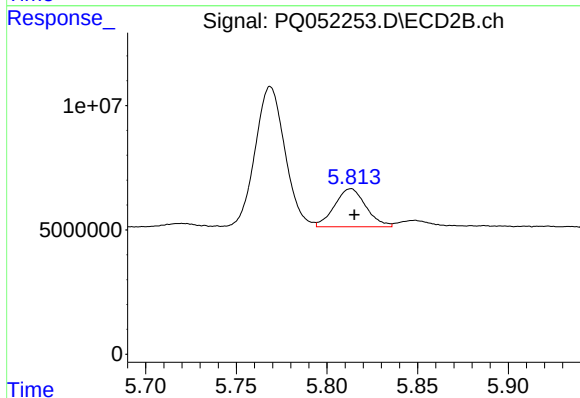
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 64302680
Conc: 237.91 ng/ml



#23 AR-1248-3

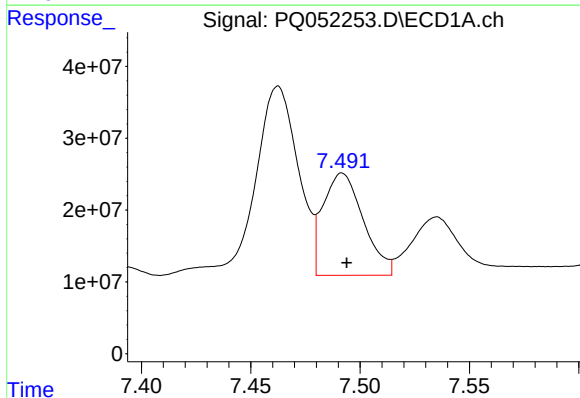
R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 104143189
Conc: 117.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



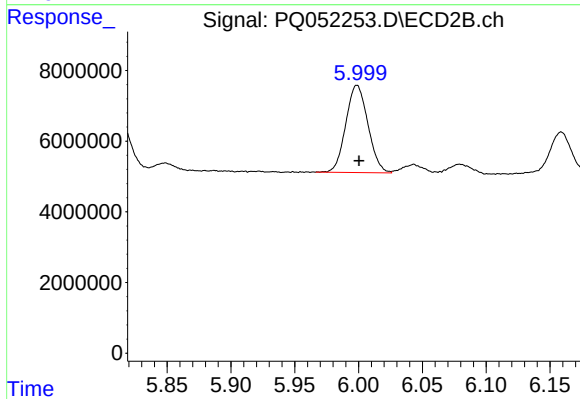
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 18435762
Conc: 66.11 ng/ml



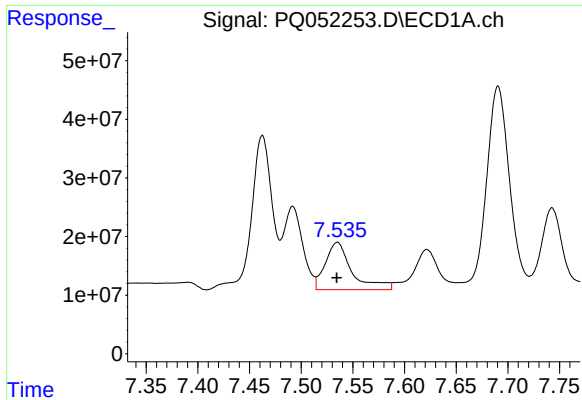
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 182386564
Conc: 175.43 ng/ml



#24 AR-1248-4

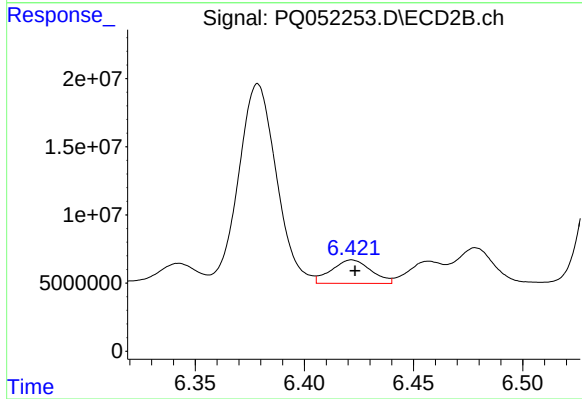
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 29830239
Conc: 89.65 ng/ml



#25 AR-1248-5

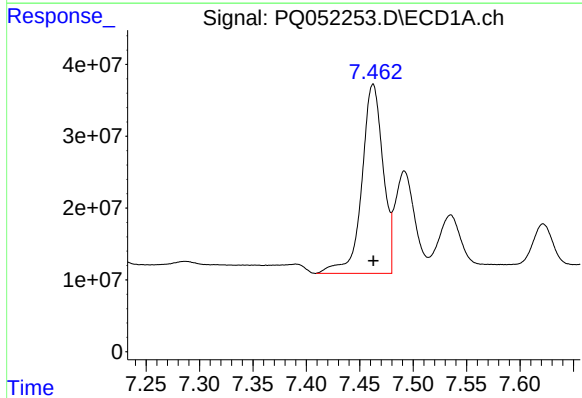
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 145193481
Conc: 141.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



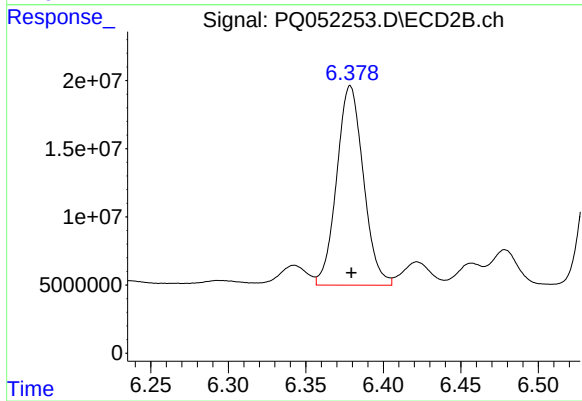
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 21654943
Conc: 60.57 ng/ml



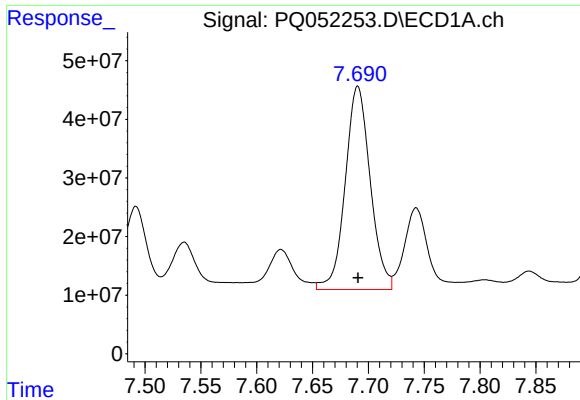
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 364010549
Conc: 366.42 ng/ml



#26 AR-1254-1

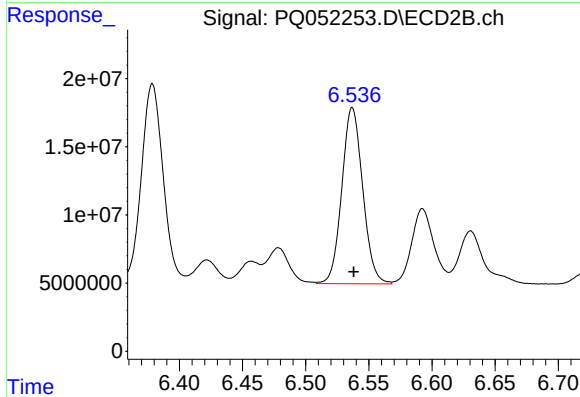
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 175380346
Conc: 328.86 ng/ml



#27 AR-1254-2

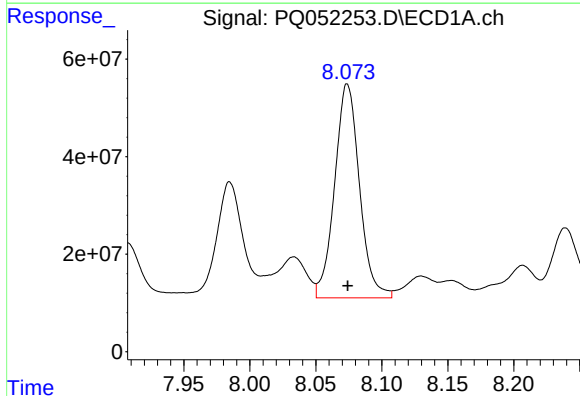
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 540803681
Conc: 349.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



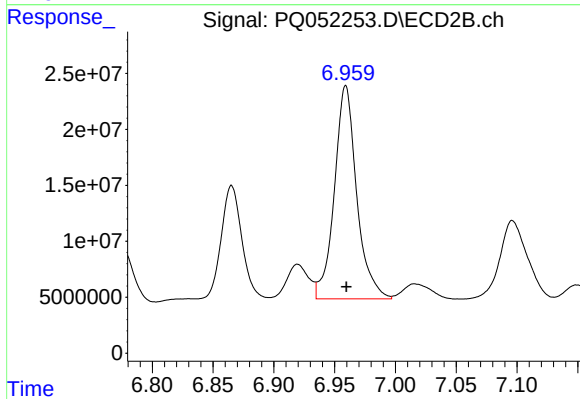
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 148876751
Conc: 326.04 ng/ml



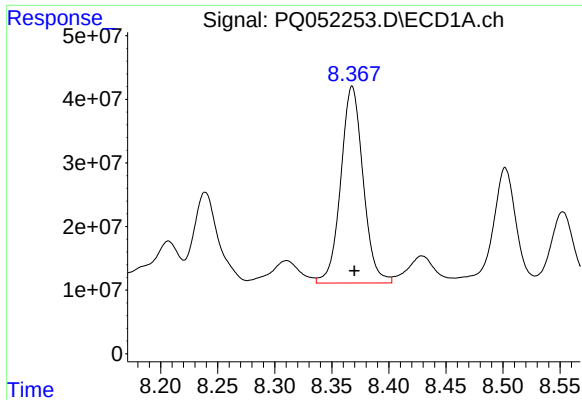
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 575011656
Conc: 340.21 ng/ml



#28 AR-1254-3

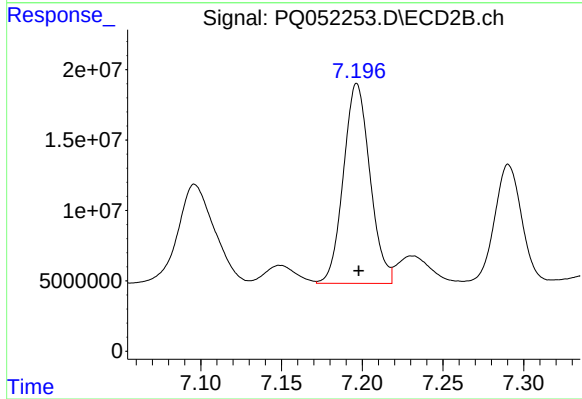
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 243773164
Conc: 324.16 ng/ml



#29 AR-1254-4

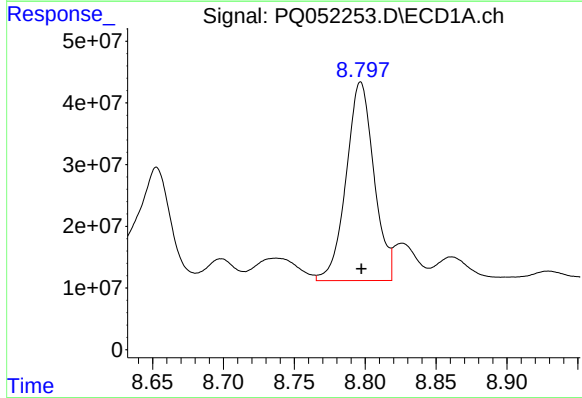
R.T.: 8.368 min
Delta R.T.: -0.002 min
Response: 421920520
Conc: 336.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



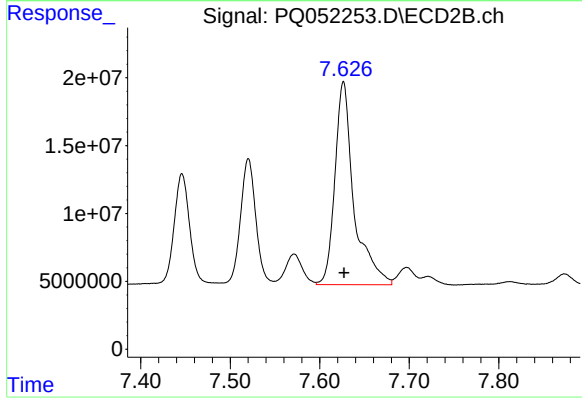
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 162634678
Conc: 322.34 ng/ml



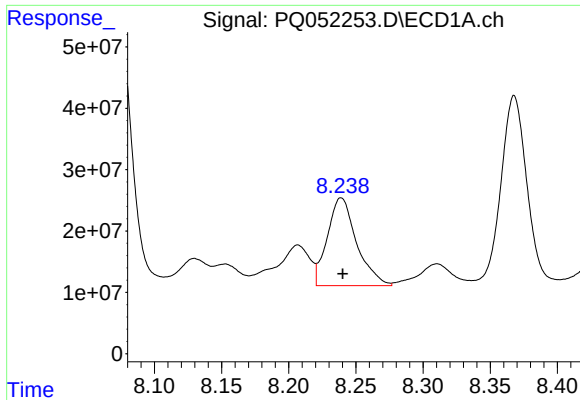
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 438247472
Conc: 326.12 ng/ml



#30 AR-1254-5

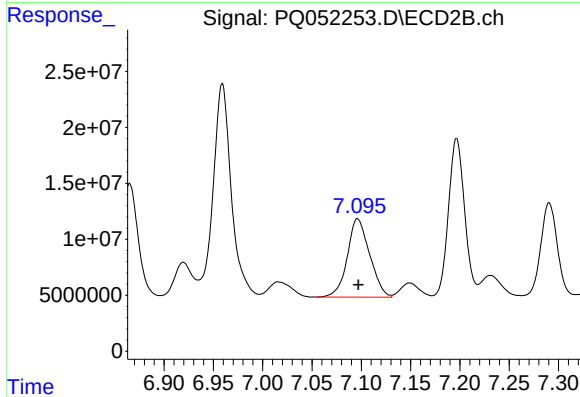
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 221005395
Conc: 324.94 ng/ml



#31 AR-1260-1

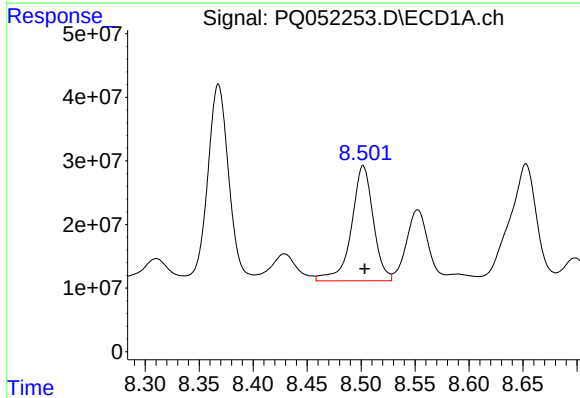
R.T.: 8.239 min
Delta R.T.: -0.001 min
Response: 217419714
Conc: 217.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



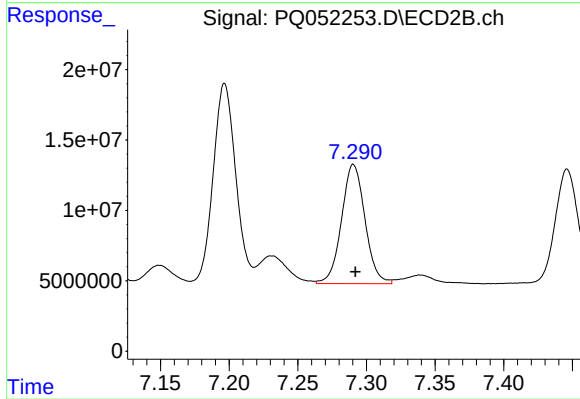
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 110571525
Conc: 269.97 ng/ml



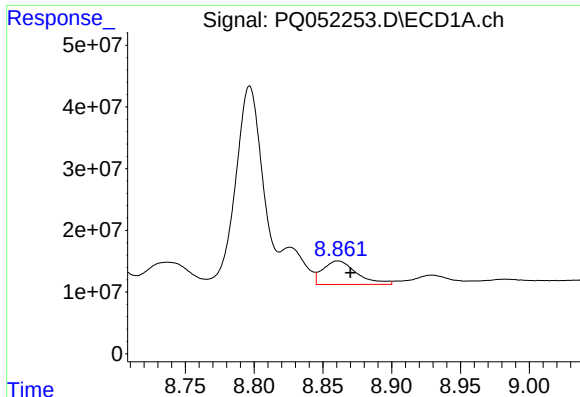
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: -0.001 min
Response: 255227704
Conc: 207.79 ng/ml



#32 AR-1260-2

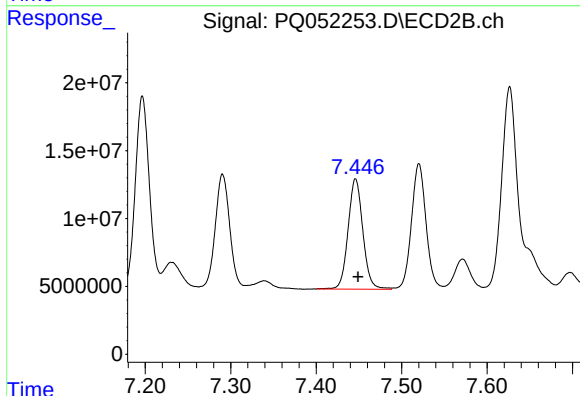
R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 100667478
Conc: 189.60 ng/ml



#33 AR-1260-3

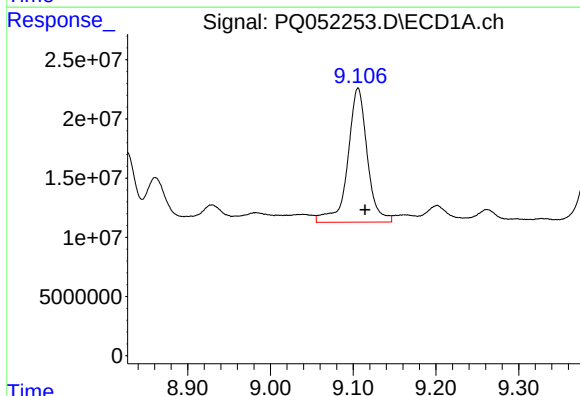
R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 65547218
Conc: 71.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



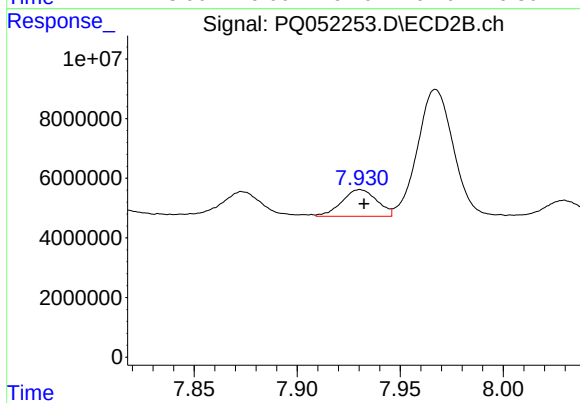
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 97664848
Conc: 204.36 ng/ml



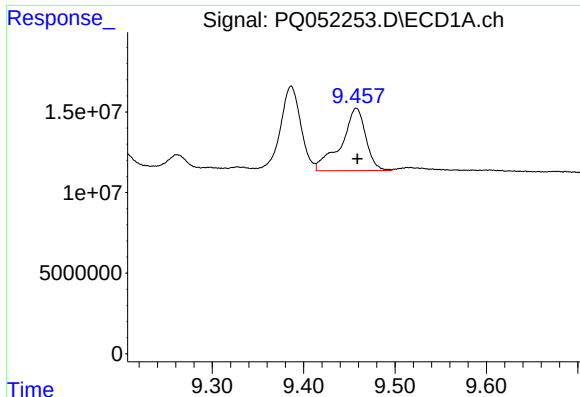
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.009 min
Response: 185367334
Conc: 172.05 ng/ml



#34 AR-1260-4

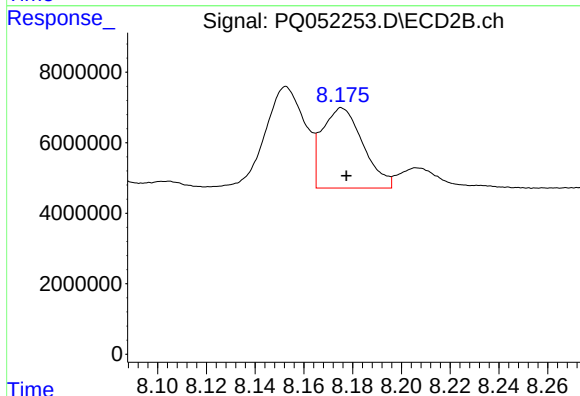
R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 10633920
Conc: 26.25 ng/ml



#35 AR-1260-5

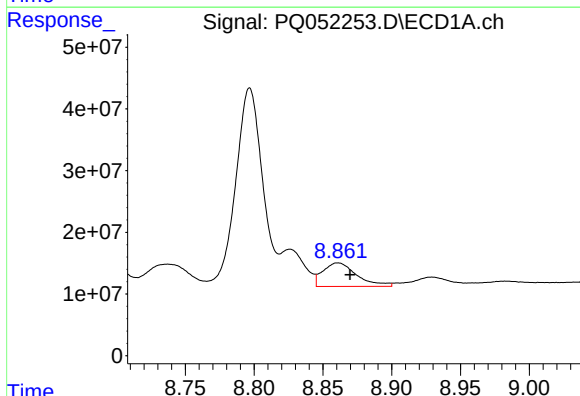
R.T.: 9.458 min
Delta R.T.: -0.001 min
Response: 72334754
Conc: 31.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



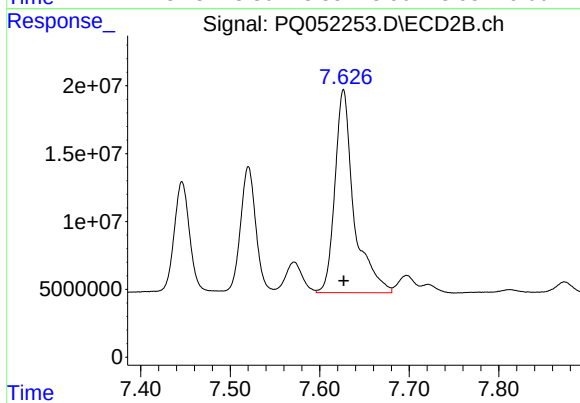
#35 AR-1260-5

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 26530649
Conc: 24.64 ng/ml



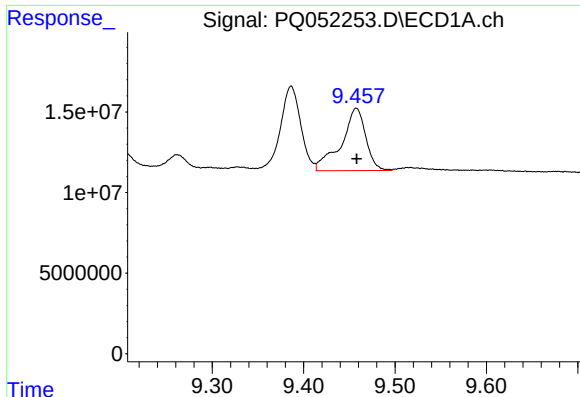
#36 AR-1262-1

R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 65547218
Conc: 41.63 ng/ml



#36 AR-1262-1

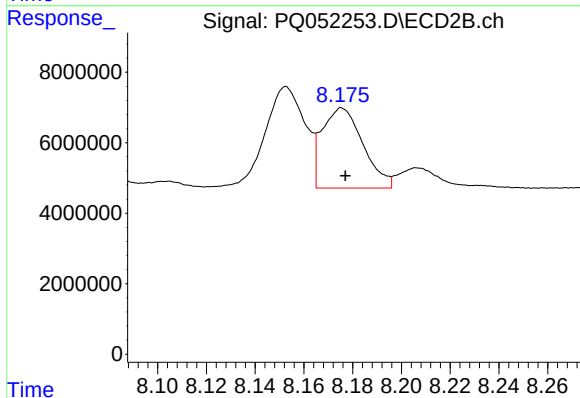
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 221005395
Conc: 640.01 ng/ml



#37 AR-1262-2

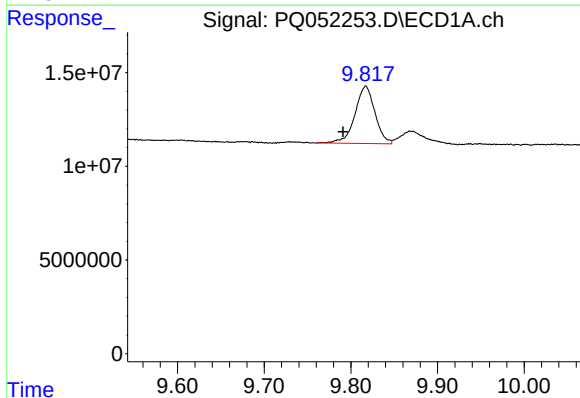
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 72334754
Conc: 24.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



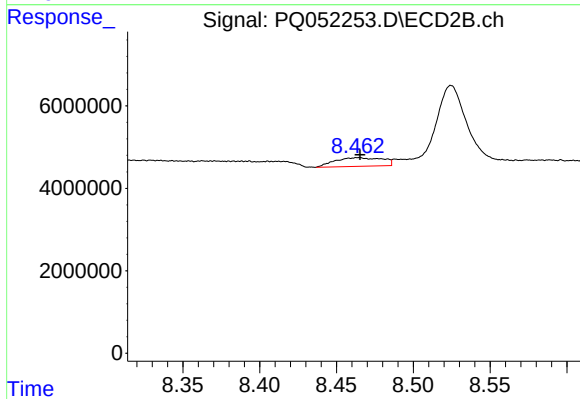
#37 AR-1262-2

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 26530649
Conc: 19.78 ng/ml



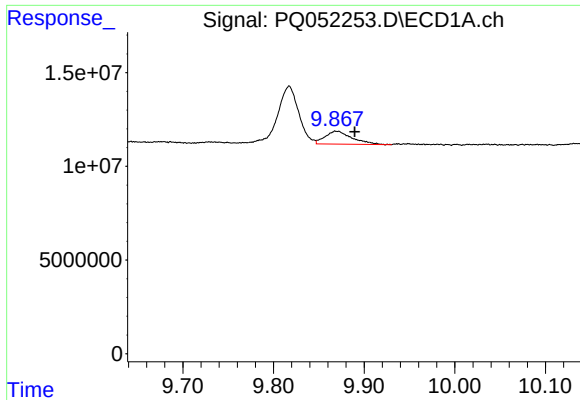
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.026 min
Response: 48984890
Conc: 24.61 ng/ml



#38 AR-1262-3

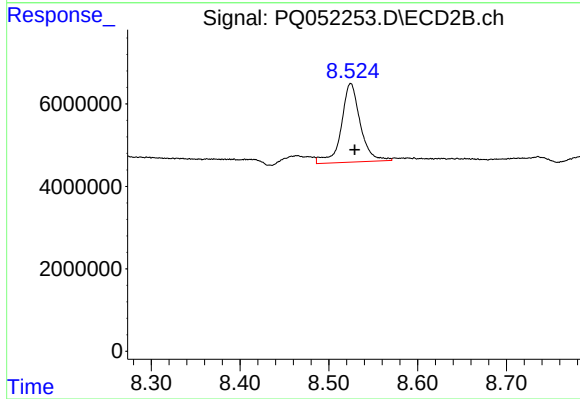
R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 4492684
Conc: 8.59 ng/ml



#39 AR-1262-4

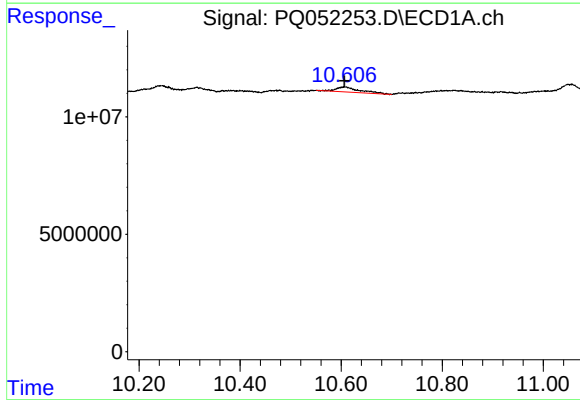
R.T.: 9.869 min
Delta R.T.: -0.020 min
Response: 14167666
Conc: 9.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



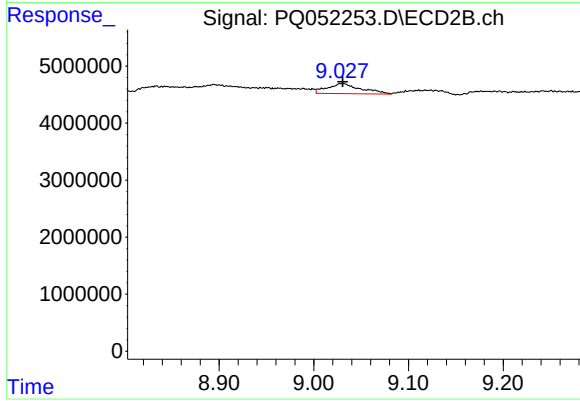
#39 AR-1262-4

R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 28295451
Conc: 28.96 ng/ml



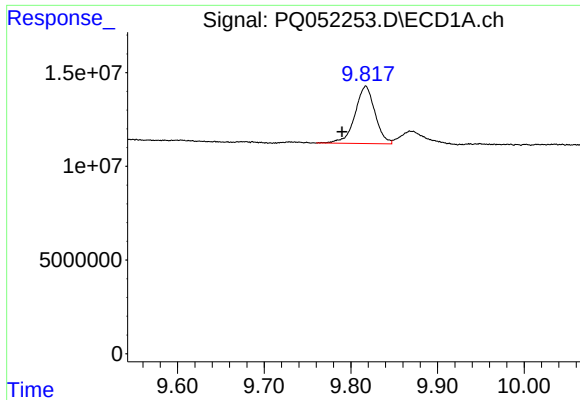
#40 AR-1262-5

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 7153151
Conc: 6.57 ng/ml



#40 AR-1262-5

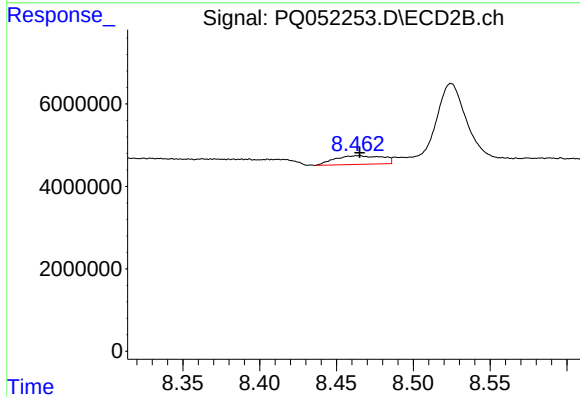
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 4377481
Conc: 9.66 ng/ml



#41 AR-1268-1

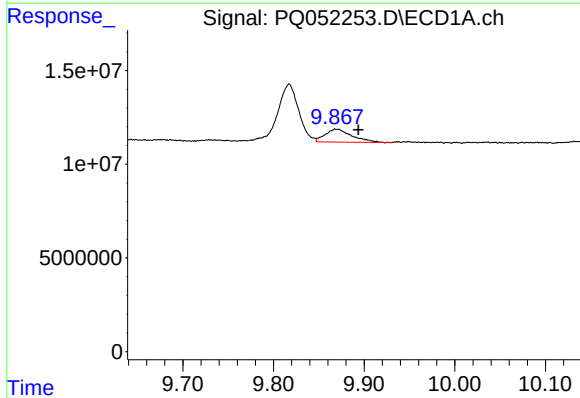
R.T.: 9.817 min
Delta R.T.: 0.027 min
Response: 48984890
Conc: 13.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



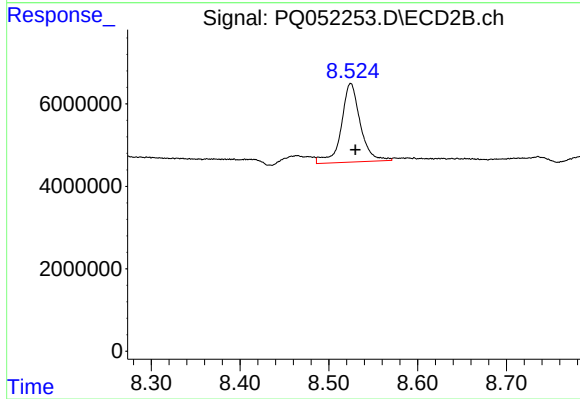
#41 AR-1268-1

R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 4492684
Conc: 2.79 ng/ml



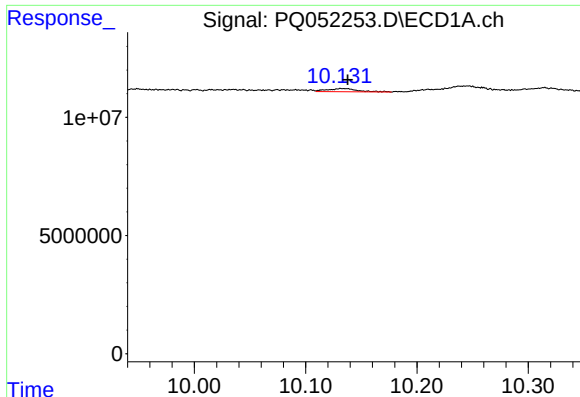
#42 AR-1268-2

R.T.: 9.869 min
Delta R.T.: -0.024 min
Response: 14167666
Conc: 4.31 ng/ml



#42 AR-1268-2

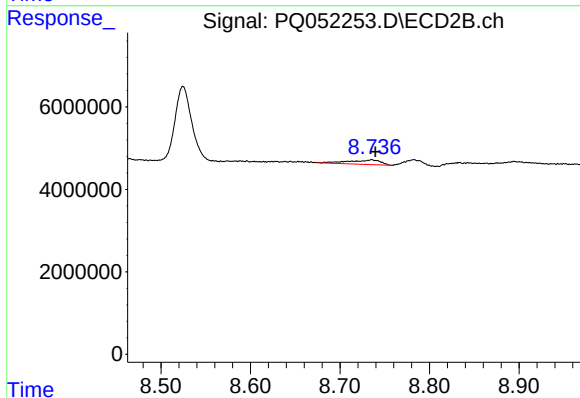
R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 28295451
Conc: 18.98 ng/ml



#43 AR-1268-3

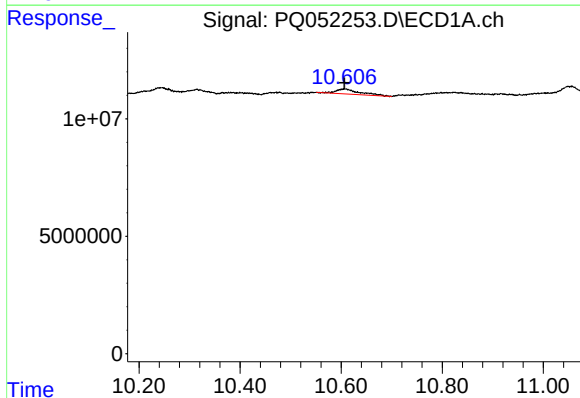
R.T.: 10.133 min
Delta R.T.: -0.005 min
Response: 2501537
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



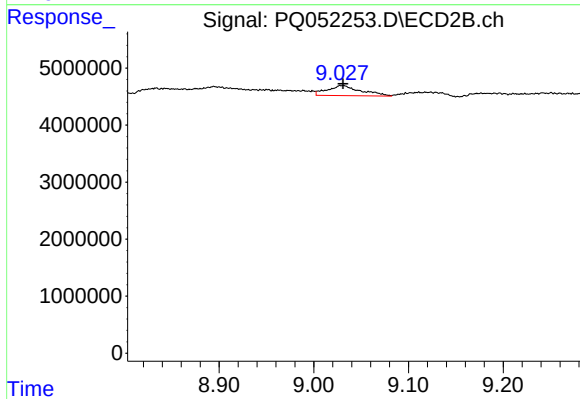
#43 AR-1268-3

R.T.: 8.736 min
Delta R.T.: -0.004 min
Response: 2791247
Conc: 2.23 ng/ml



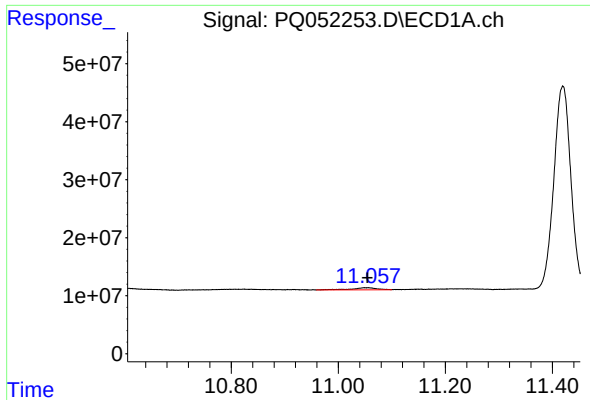
#44 AR-1268-4

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 7153151
Conc: 5.87 ng/ml



#44 AR-1268-4

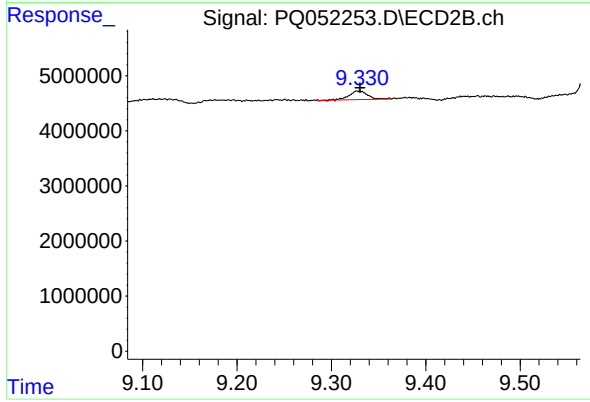
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 4377481
Conc: 8.37 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 11925000
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.001 min
Response: 2077528
Conc: 0.52 ng/ml