

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091824\
 Data File : P0106676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2024 05:58
 Operator : YP/AJ
 Sample : P4025-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 40306

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 08:03:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090924.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 09:57:51 2024
 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...	4.451	3.713	185.3E6	62351944	24.703	23.342
2)	SA Decachlor...	10.195	8.738	115.5E6	46899407	23.377	23.447
Target Compounds							
3)	L1 AR-1016-1	5.619	4.800	2314890	751222	9.063	7.887
4)	L1 AR-1016-2	5.651	4.843	9428854	1610812	26.489	12.603 #
5)	L1 AR-1016-3	5.715	5.020	694862	2802188	3.188	40.622 #
6)	L1 AR-1016-4	5.791	5.059	333160	1642436	1.878	30.927 #
7)	L1 AR-1016-5	6.107	5.282	6209931	11519050	35.981	161.251 #
8)	L2 AR-1221-1	4.656	3.929	2443112	1372940	26.444	45.399 #
9)	L2 AR-1221-2	4.759	4.016	5014646	611522	70.775	27.014 #
10)	L2 AR-1221-3	4.820	4.106	2006505	474834	9.909	6.685 #
11)	L3 AR-1232-1	4.820	4.106	2006505	474834	11.480	7.864 #
12)	L3 AR-1232-2	5.360	4.843	2338604	1610812	25.071	27.705
13)	L3 AR-1232-3	5.651	5.020	9428854	2802188	57.498	89.951 #
14)	L3 AR-1232-4	5.791	5.084	333160	1004768	4.046	36.766 #
15)	L3 AR-1232-5	5.881	5.282	222993	11519050	3.512	393.051 #
16)	L4 AR-1242-1	5.619	4.800	2314890	751222	11.557	10.173
17)	L4 AR-1242-2	5.651	4.843	9428854	1610812	34.223	16.457 #
18)	L4 AR-1242-3	5.715	5.020	694862	2802188	4.051	52.231 #
19)	L4 AR-1242-4	5.791	5.084	333160	1004768	2.393	18.944 #
20)	L4 AR-1242-5	6.549	5.613	26436398	5796506	190.082	82.994 #
21)	L5 AR-1248-1	5.619	4.800	2314890	751222	14.658	12.985
22)	L5 AR-1248-2	5.881	5.059	222993	1642436	1.028	21.013 #
23)	L5 AR-1248-3	6.081	5.084	6306325	1004768	26.409	12.225 #
24)	L5 AR-1248-4	6.500	5.282	19911258	11519050	75.826	117.321 #
25)	L5 AR-1248-5	6.549	5.643	26436398	10075353	105.418	104.026
26)	L6 AR-1254-1	6.500	5.613	19911258	5796506	76.403	41.152 #
27)	L6 AR-1254-2	6.692	5.761	5129590	9814684	13.165	77.034 #
28)	L6 AR-1254-3	7.059	6.161	23726474	6959556	60.853	34.568 #
29)	L6 AR-1254-4	7.338	6.378	10185937	5195853	35.053	41.753
30)	L6 AR-1254-5	7.784	6.791	427981	3019443	1.406	16.858 #
31)	L7 AR-1260-1	7.217	6.308	5582361	2809208	19.786	21.722
32)	L7 AR-1260-2	7.479	6.465	4337921	1707763	13.003	10.760
33)	L7 AR-1260-3	7.847	6.658	1341248	630851	5.942	4.090 #
34)	L7 AR-1260-4	8.058	7.115	143746	257807	0.520	2.425 #
35)	L7 AR-1260-5	8.378	7.324	152000	878019	0.308	3.413 #
36)	L8 AR-1262-1	7.726	6.791	1069898	3019443	4.359	30.716 #
37)	L8 AR-1262-2	8.378	7.115	152000	257807	0.241	1.642 #
38)	L8 AR-1262-3	8.688	7.617	192964	718410	0.439	5.903 #
39)	L8 AR-1262-4	8.773	7.661	1690902	1122271	5.083	4.751
40)	L8 AR-1262-5	9.455	8.203	-73106	131458	N.D.	1.258 #
41)	L9 AR-1268-1	8.688	7.617	192964	718410	0.260	1.988 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091824\
Data File : P0106676.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2024 05:58
Operator : YP/AJ
Sample : P4025-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

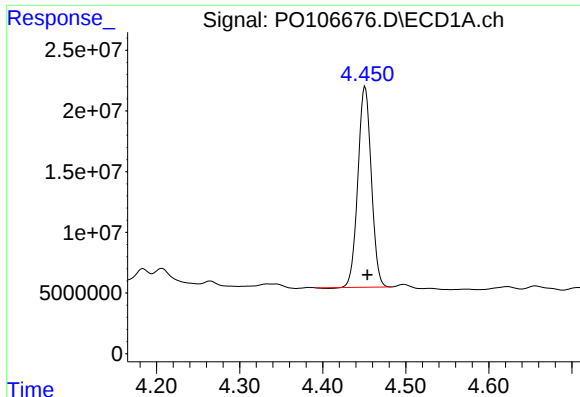
Instrument :
ECD_O
ClientSampleId :
40306

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 08:03:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090924.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 10 09:57:51 2024
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	8.773	7.661	1690902	1122271	2.513	3.434 #
44)	L9 AR-1268-4	9.455	8.203	-73106	131458	N.D.	1.156 #
45)	L9 AR-1268-5	9.856	8.479	1264371	208066	0.686	0.247 #

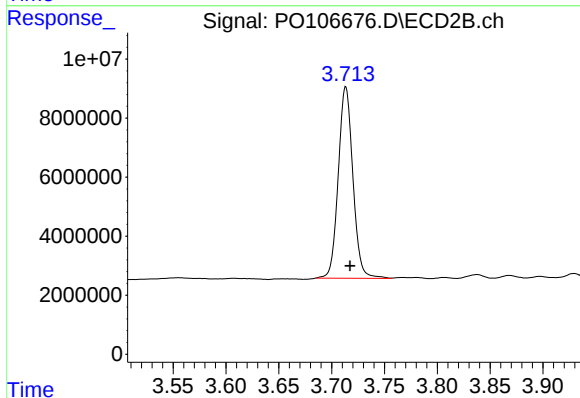
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

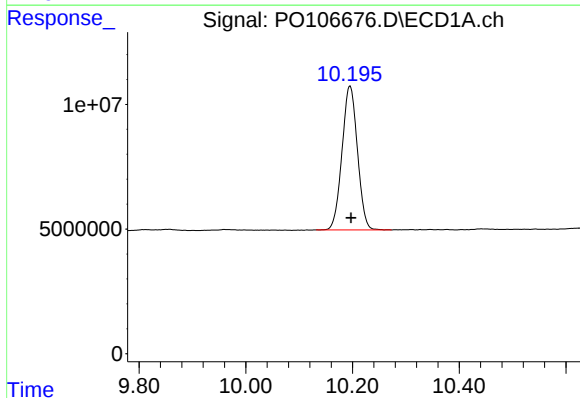
R.T.: 4.451 min
Delta R.T.: -0.003 min
Response: 185307016
Conc: 24.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



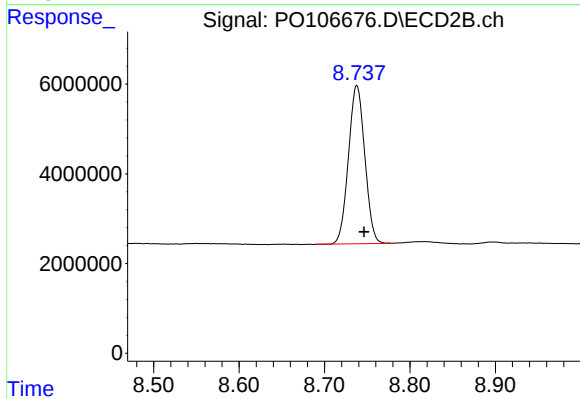
#1 Tetrachloro-m-xylene

R.T.: 3.713 min
Delta R.T.: -0.004 min
Response: 62351944
Conc: 23.34 ng/ml



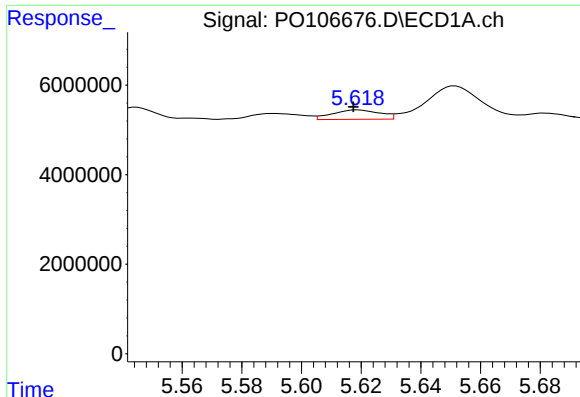
#2 Decachlorobiphenyl

R.T.: 10.195 min
Delta R.T.: -0.002 min
Response: 115548021
Conc: 23.38 ng/ml



#2 Decachlorobiphenyl

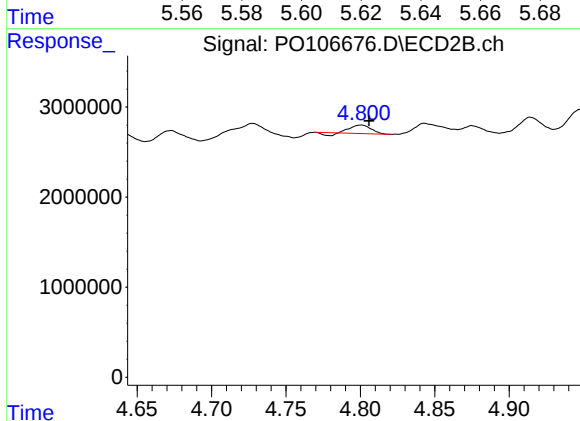
R.T.: 8.738 min
Delta R.T.: -0.008 min
Response: 46899407
Conc: 23.45 ng/ml



#3 AR-1016-1

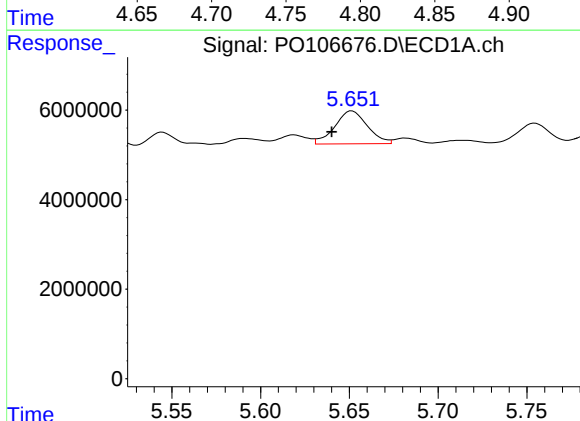
R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 2314890
Conc: 9.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



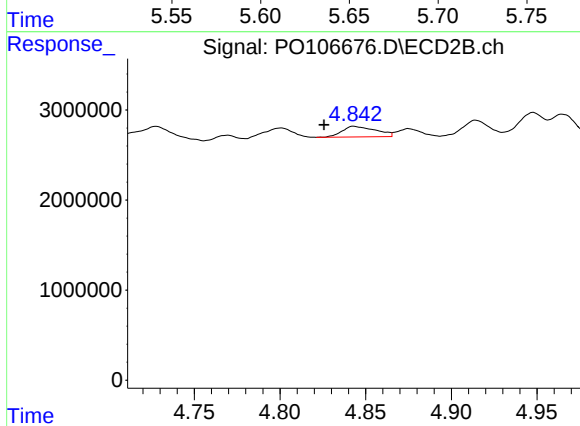
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 751222
Conc: 7.89 ng/ml



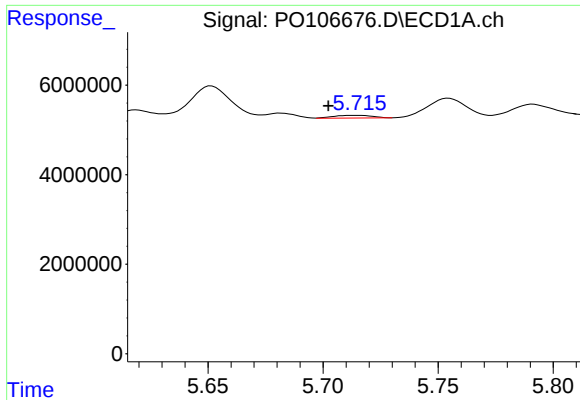
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 9428854
Conc: 26.49 ng/ml



#4 AR-1016-2

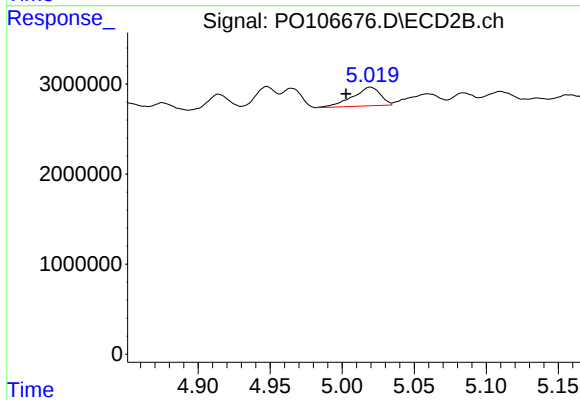
R.T.: 4.843 min
Delta R.T.: 0.018 min
Response: 1610812
Conc: 12.60 ng/ml



#5 AR-1016-3

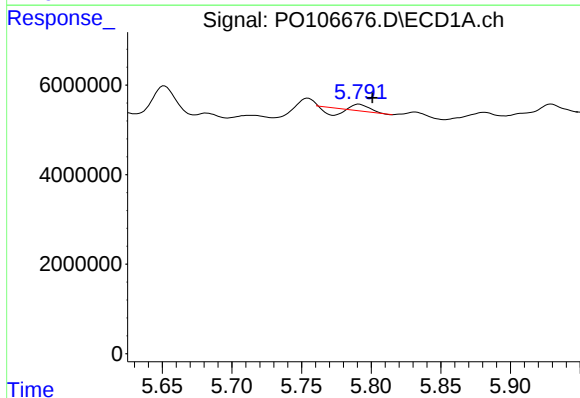
R.T.: 5.715 min
Delta R.T.: 0.013 min
Response: 694862
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



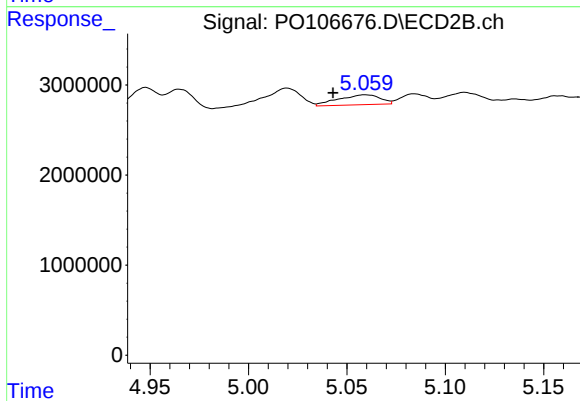
#5 AR-1016-3

R.T.: 5.020 min
Delta R.T.: 0.017 min
Response: 2802188
Conc: 40.62 ng/ml



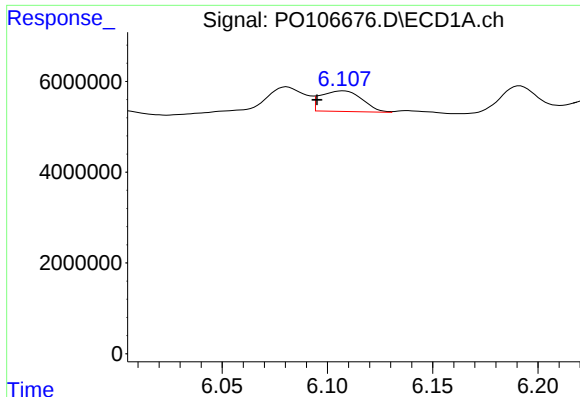
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.009 min
Response: 333160
Conc: 1.88 ng/ml



#6 AR-1016-4

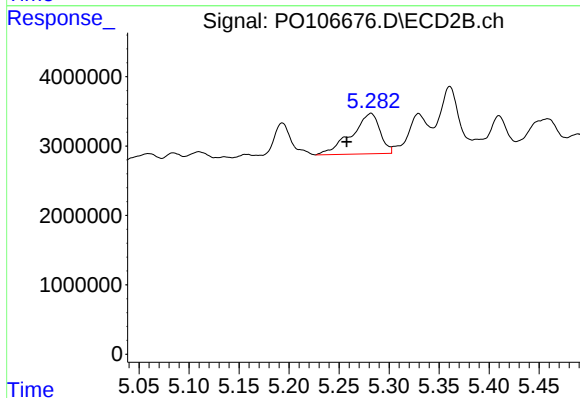
R.T.: 5.059 min
Delta R.T.: 0.016 min
Response: 1642436
Conc: 30.93 ng/ml



#7 AR-1016-5

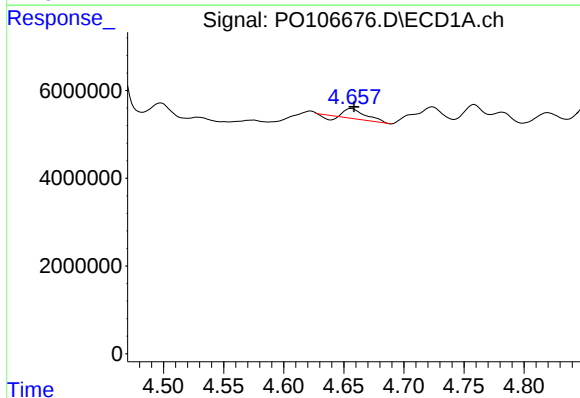
R.T.: 6.107 min
Delta R.T.: 0.012 min
Response: 6209931
Conc: 35.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



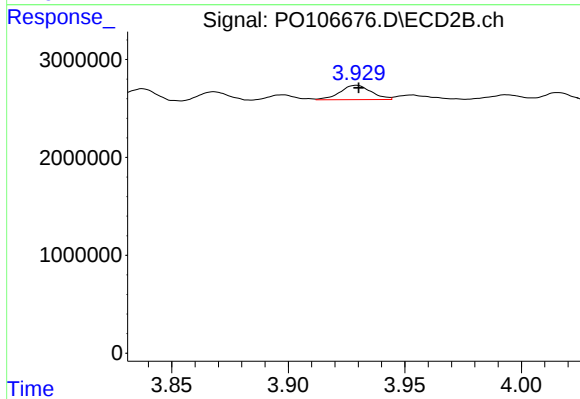
#7 AR-1016-5

R.T.: 5.282 min
Delta R.T.: 0.024 min
Response: 11519050
Conc: 161.25 ng/ml



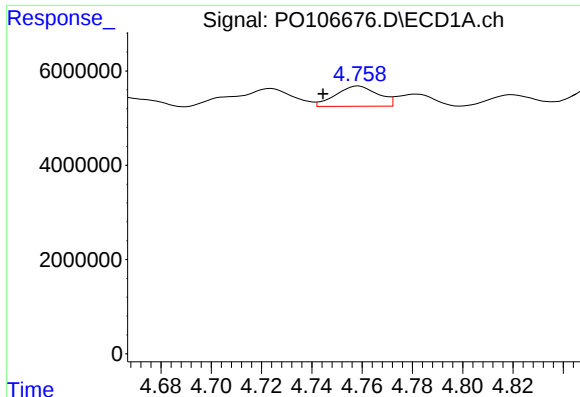
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: -0.002 min
Response: 2443112
Conc: 26.44 ng/ml



#8 AR-1221-1

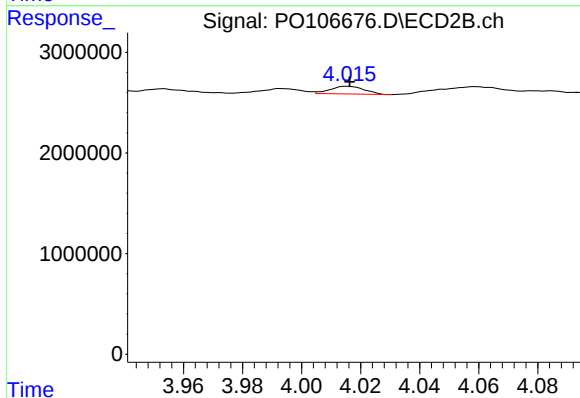
R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 1372940
Conc: 45.40 ng/ml



#9 AR-1221-2

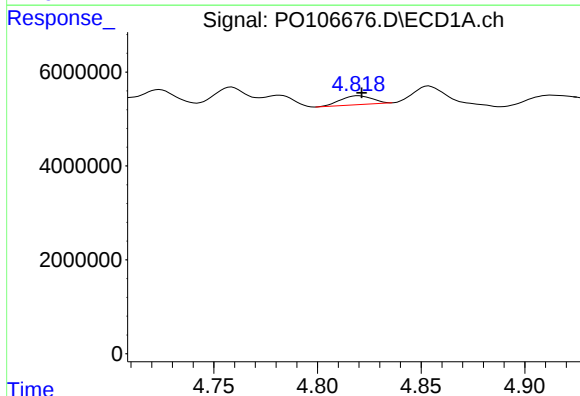
R.T.: 4.759 min
Delta R.T.: 0.014 min
Response: 5014646
Conc: 70.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



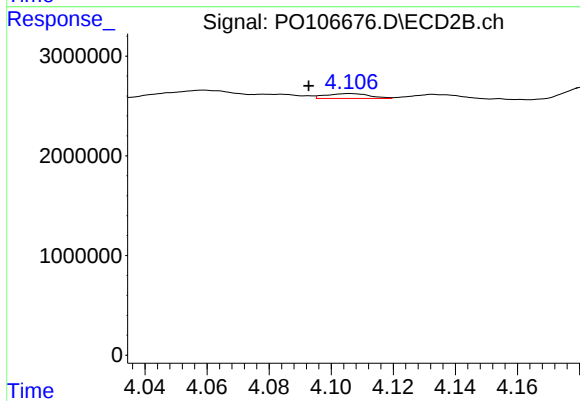
#9 AR-1221-2

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 611522
Conc: 27.01 ng/ml



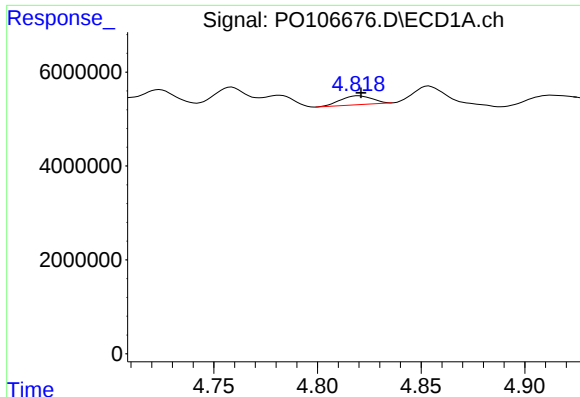
#10 AR-1221-3

R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 2006505
Conc: 9.91 ng/ml



#10 AR-1221-3

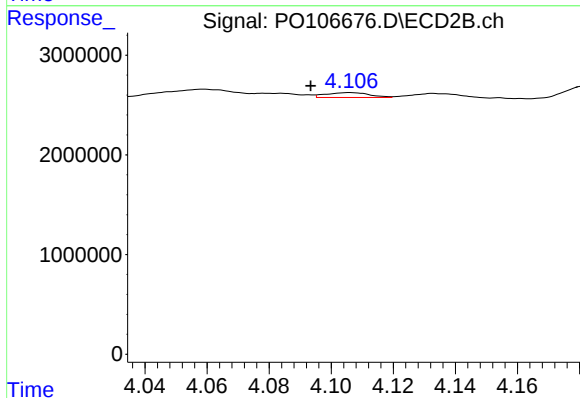
R.T.: 4.106 min
Delta R.T.: 0.013 min
Response: 474834
Conc: 6.69 ng/ml



#11 AR-1232-1

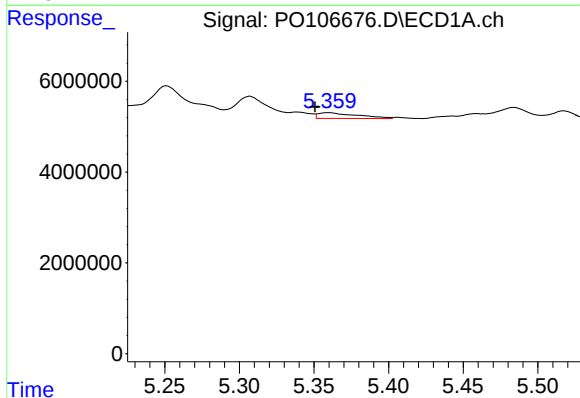
R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 2006505
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



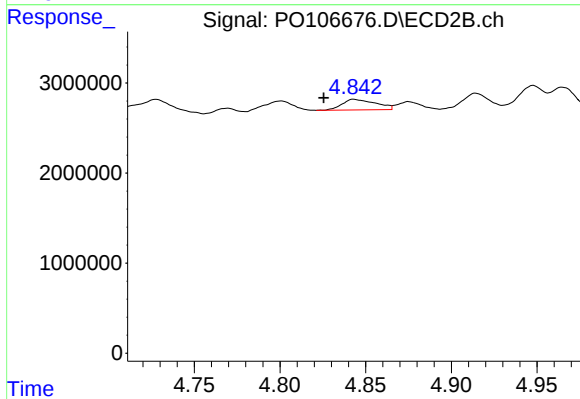
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: 0.013 min
Response: 474834
Conc: 7.86 ng/ml



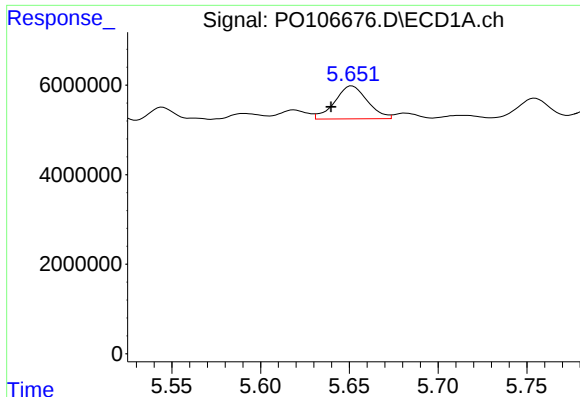
#12 AR-1232-2

R.T.: 5.360 min
Delta R.T.: 0.009 min
Response: 2338604
Conc: 25.07 ng/ml



#12 AR-1232-2

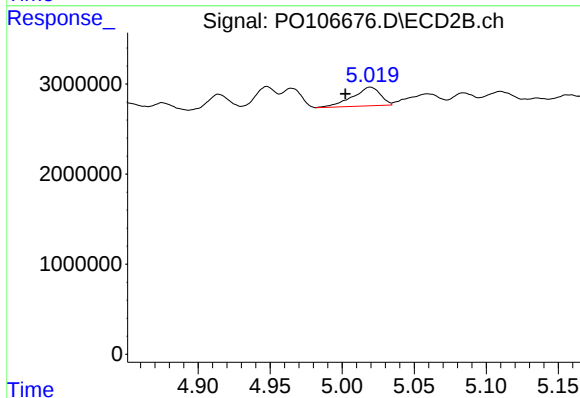
R.T.: 4.843 min
Delta R.T.: 0.018 min
Response: 1610812
Conc: 27.71 ng/ml



#13 AR-1232-3

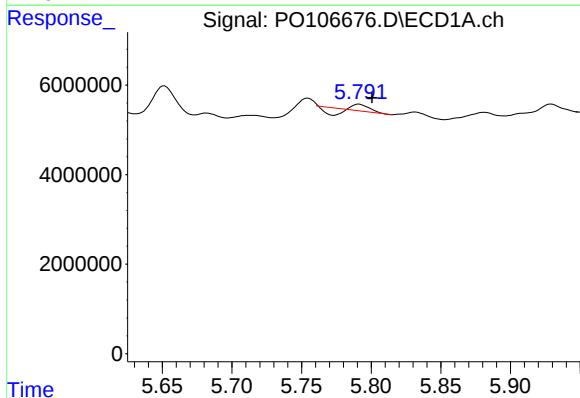
R.T.: 5.651 min
Delta R.T.: 0.012 min
Response: 9428854
Conc: 57.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



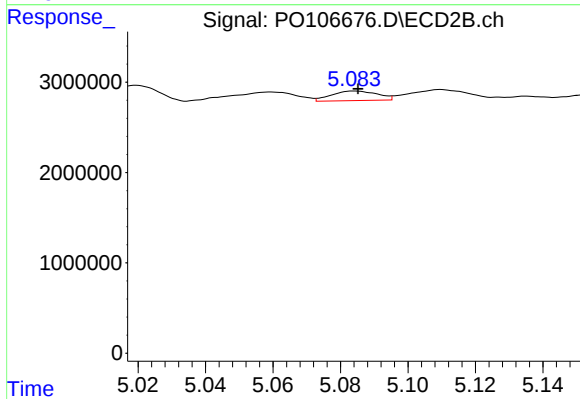
#13 AR-1232-3

R.T.: 5.020 min
Delta R.T.: 0.017 min
Response: 2802188
Conc: 89.95 ng/ml



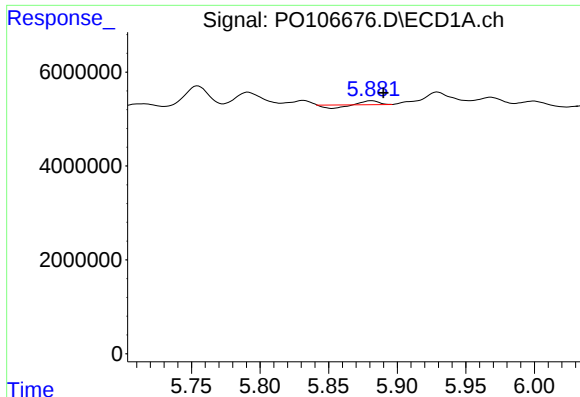
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: -0.009 min
Response: 333160
Conc: 4.05 ng/ml



#14 AR-1232-4

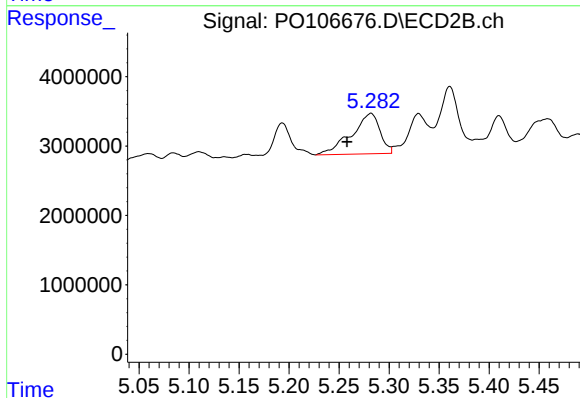
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 1004768
Conc: 36.77 ng/ml



#15 AR-1232-5

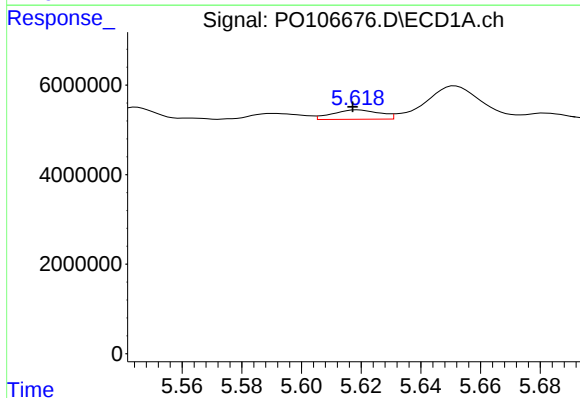
R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 222993
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



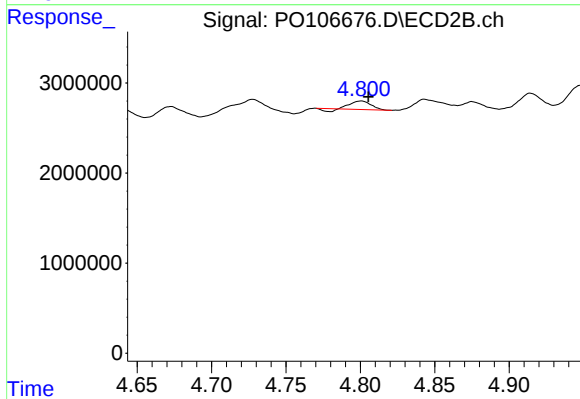
#15 AR-1232-5

R.T.: 5.282 min
Delta R.T.: 0.024 min
Response: 11519050
Conc: 393.05 ng/ml



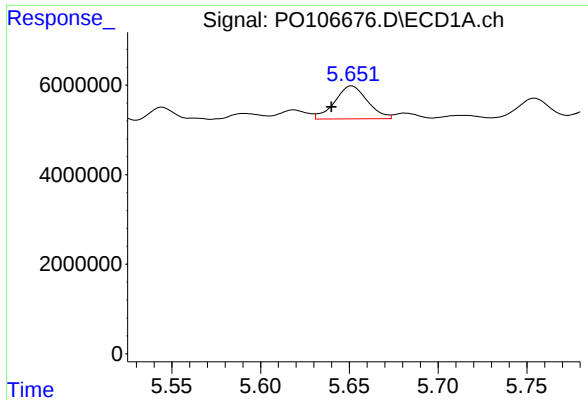
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.002 min
Response: 2314890
Conc: 11.56 ng/ml



#16 AR-1242-1

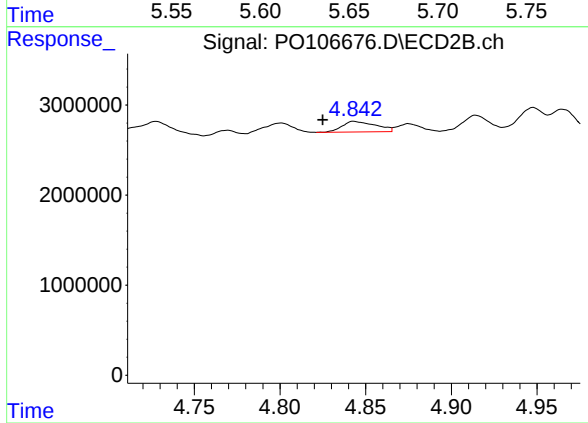
R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 751222
Conc: 10.17 ng/ml



#17 AR-1242-2

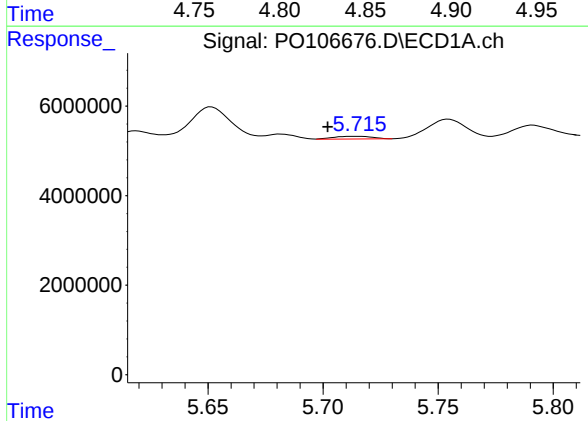
R.T.: 5.651 min
Delta R.T.: 0.012 min
Response: 9428854
Conc: 34.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



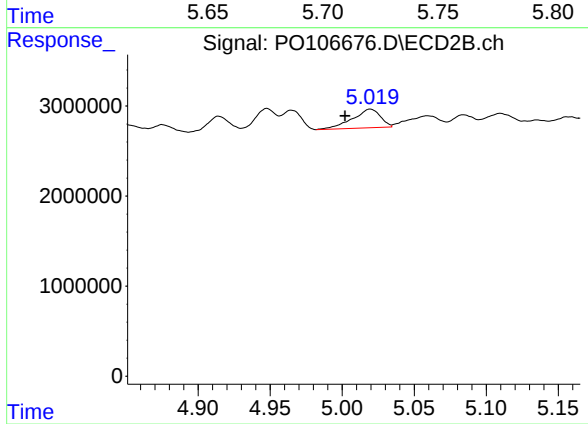
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: 0.018 min
Response: 1610812
Conc: 16.46 ng/ml



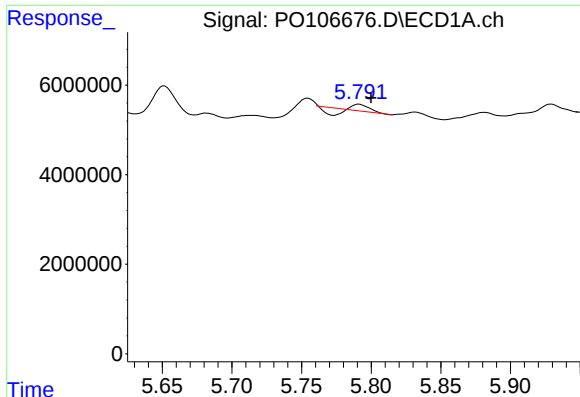
#18 AR-1242-3

R.T.: 5.715 min
Delta R.T.: 0.013 min
Response: 694862
Conc: 4.05 ng/ml



#18 AR-1242-3

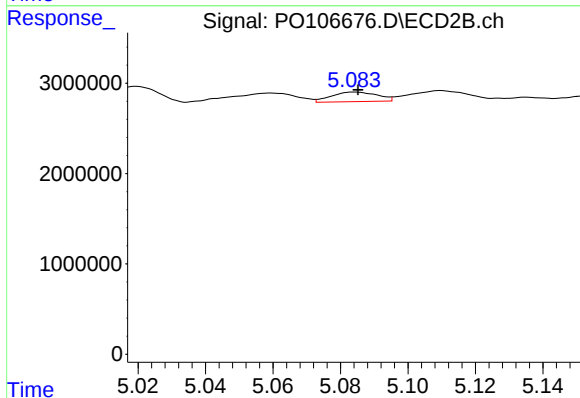
R.T.: 5.020 min
Delta R.T.: 0.018 min
Response: 2802188
Conc: 52.23 ng/ml



#19 AR-1242-4

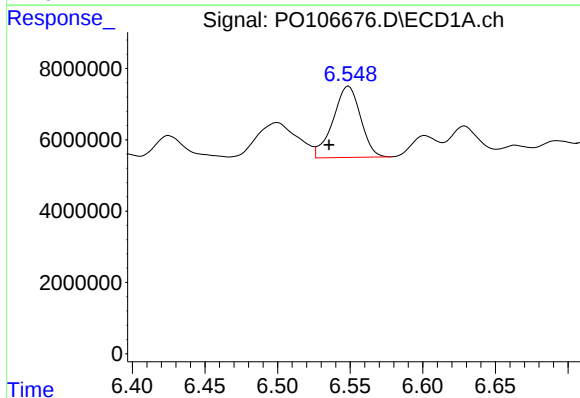
R.T.: 5.791 min
Delta R.T.: -0.009 min
Response: 333160
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



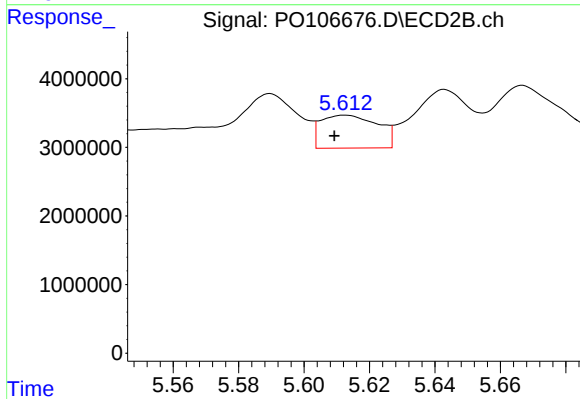
#19 AR-1242-4

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 1004768
Conc: 18.94 ng/ml



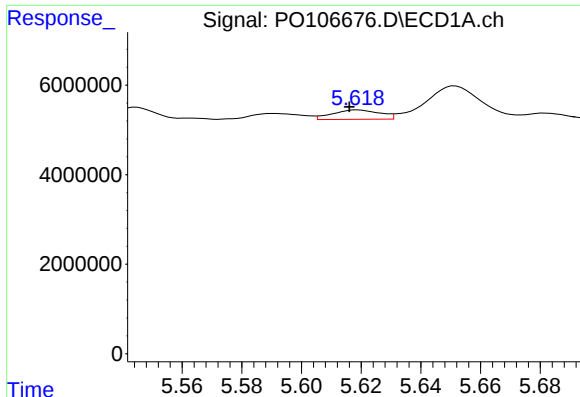
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.014 min
Response: 26436398
Conc: 190.08 ng/ml



#20 AR-1242-5

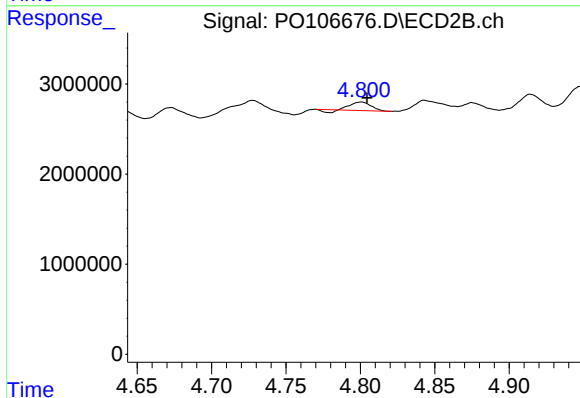
R.T.: 5.613 min
Delta R.T.: 0.003 min
Response: 5796506
Conc: 82.99 ng/ml



#21 AR-1248-1

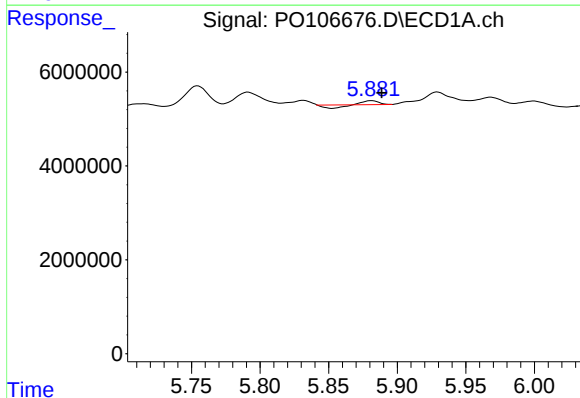
R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 2314890
Conc: 14.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



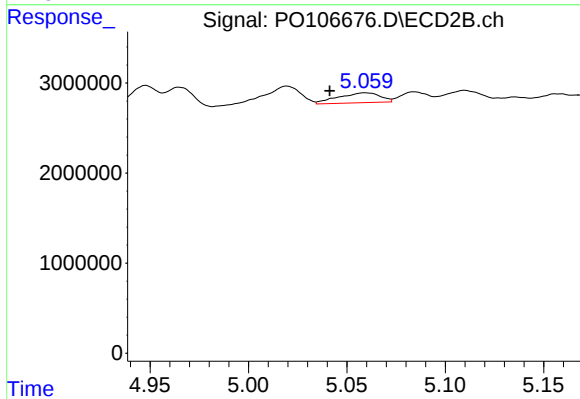
#21 AR-1248-1

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 751222
Conc: 12.99 ng/ml



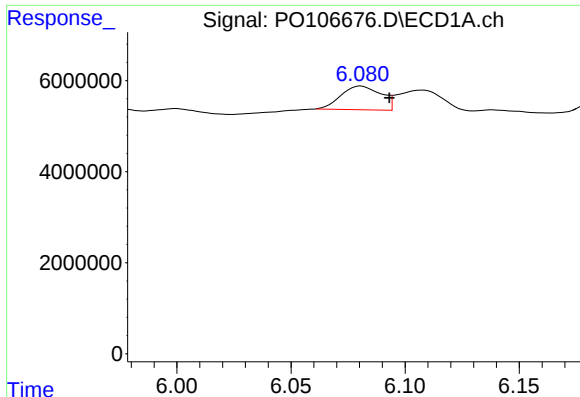
#22 AR-1248-2

R.T.: 5.881 min
Delta R.T.: -0.007 min
Response: 222993
Conc: 1.03 ng/ml



#22 AR-1248-2

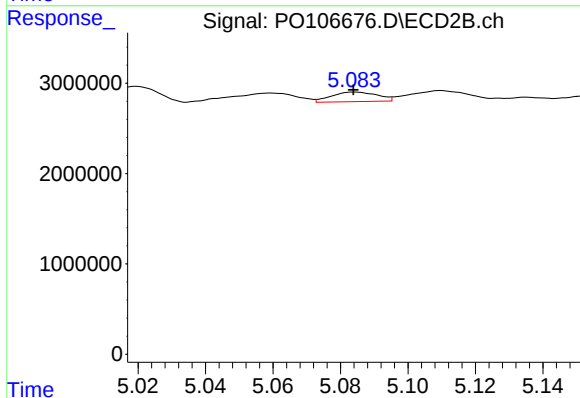
R.T.: 5.059 min
Delta R.T.: 0.018 min
Response: 1642436
Conc: 21.01 ng/ml



#23 AR-1248-3

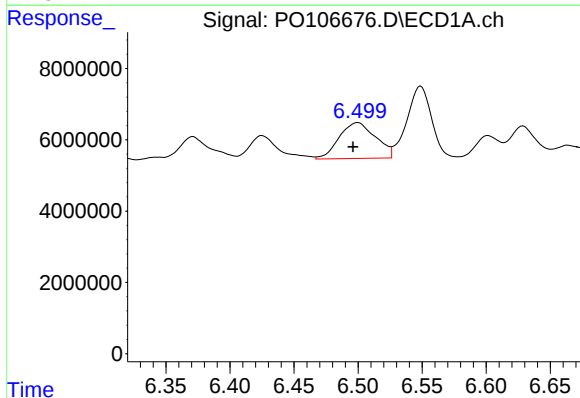
R.T.: 6.081 min
Delta R.T.: -0.012 min
Response: 6306325
Conc: 26.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



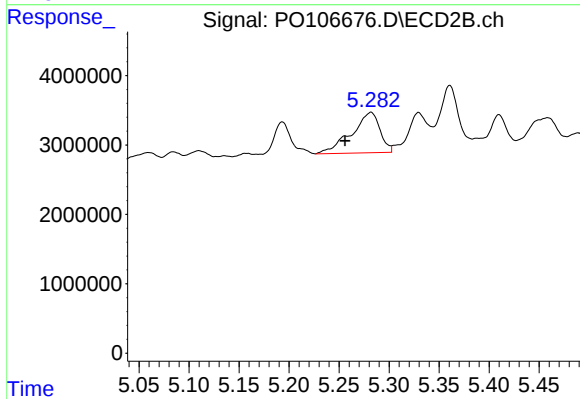
#23 AR-1248-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 1004768
Conc: 12.23 ng/ml



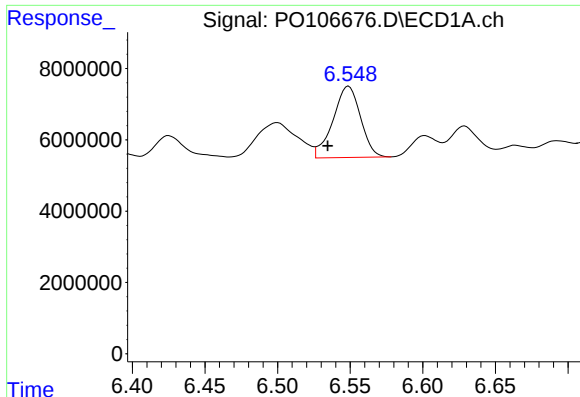
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 19911258
Conc: 75.83 ng/ml



#24 AR-1248-4

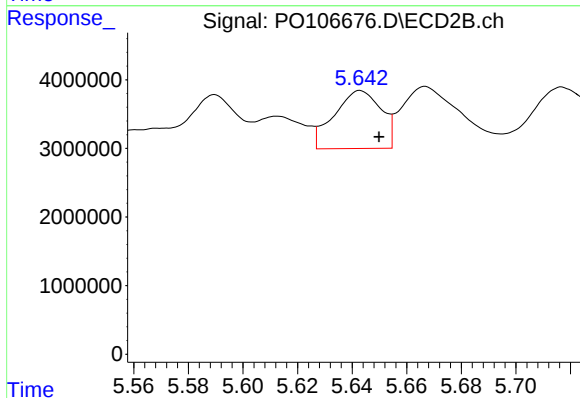
R.T.: 5.282 min
Delta R.T.: 0.026 min
Response: 11519050
Conc: 117.32 ng/ml



#25 AR-1248-5

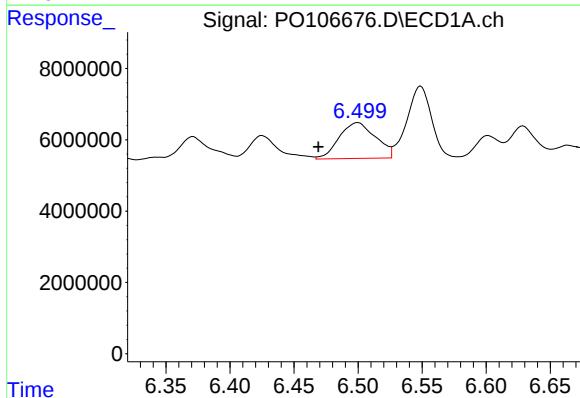
R.T.: 6.549 min
Delta R.T.: 0.014 min
Response: 26436398
Conc: 105.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



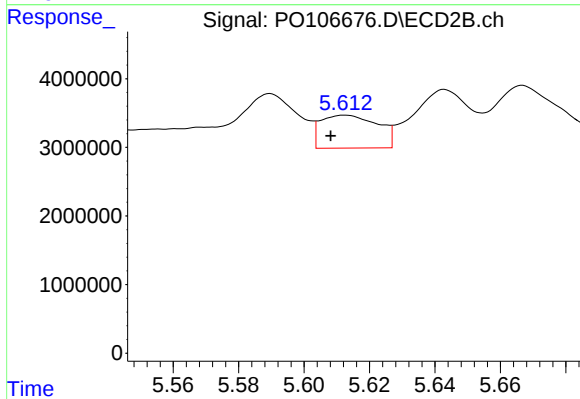
#25 AR-1248-5

R.T.: 5.643 min
Delta R.T.: -0.007 min
Response: 10075353
Conc: 104.03 ng/ml



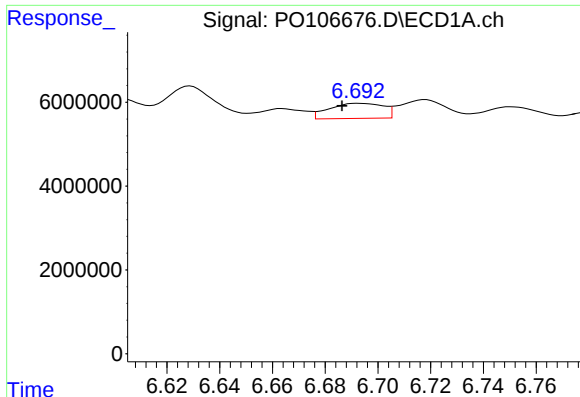
#26 AR-1254-1

R.T.: 6.500 min
Delta R.T.: 0.031 min
Response: 19911258
Conc: 76.40 ng/ml



#26 AR-1254-1

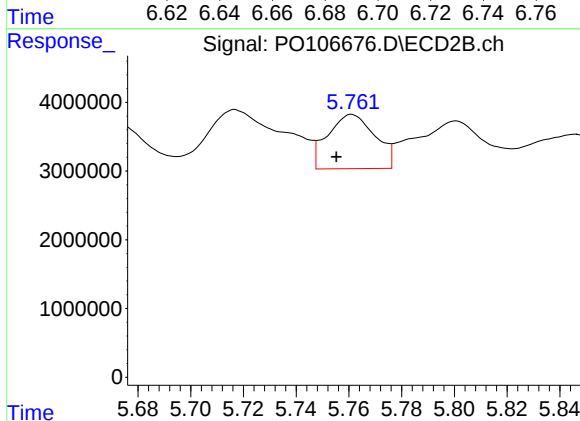
R.T.: 5.613 min
Delta R.T.: 0.005 min
Response: 5796506
Conc: 41.15 ng/ml



#27 AR-1254-2

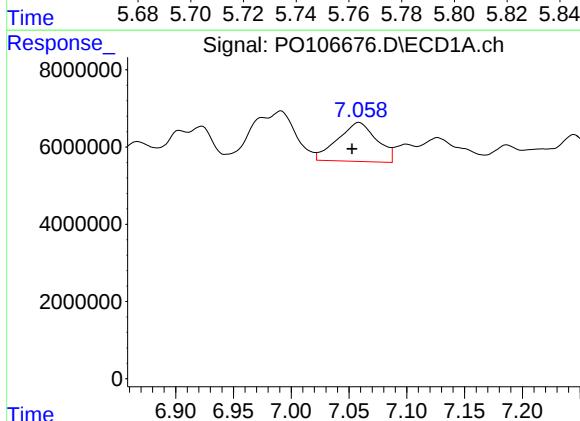
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 5129590
Conc: 13.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



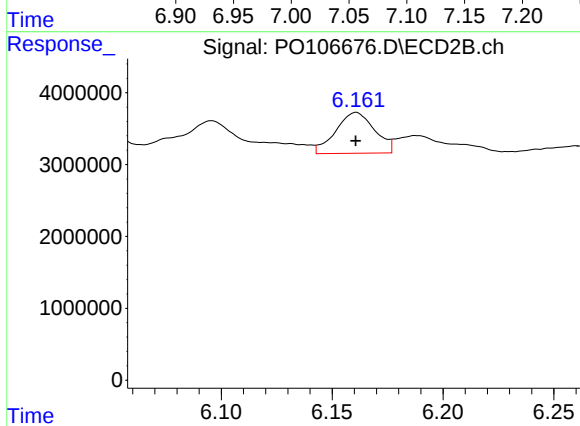
#27 AR-1254-2

R.T.: 5.761 min
Delta R.T.: 0.006 min
Response: 9814684
Conc: 77.03 ng/ml



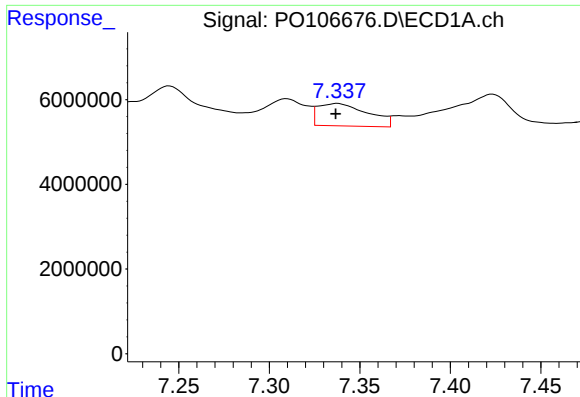
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.006 min
Response: 23726474
Conc: 60.85 ng/ml



#28 AR-1254-3

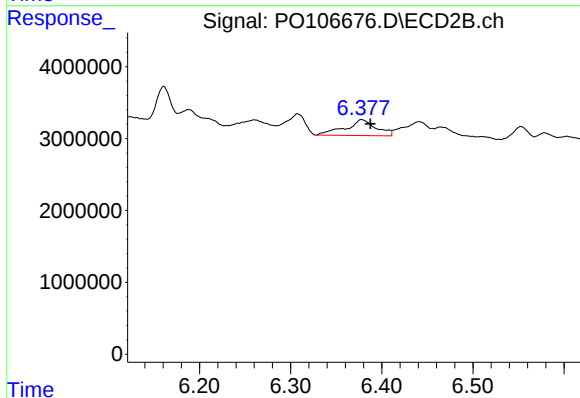
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 6959556
Conc: 34.57 ng/ml



#29 AR-1254-4

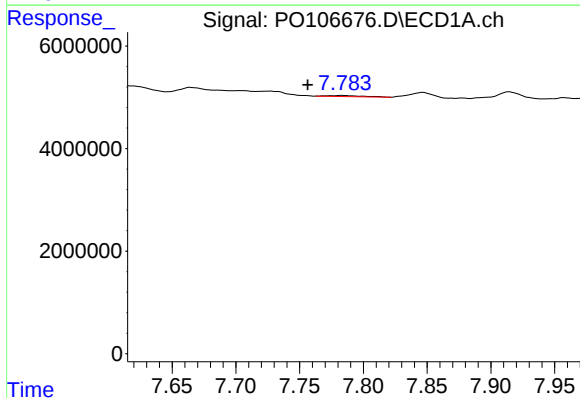
R.T.: 7.338 min
Delta R.T.: 0.001 min
Response: 10185937
Conc: 35.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



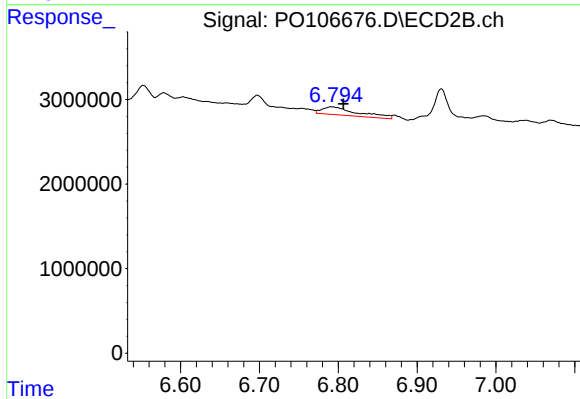
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: -0.010 min
Response: 5195853
Conc: 41.75 ng/ml



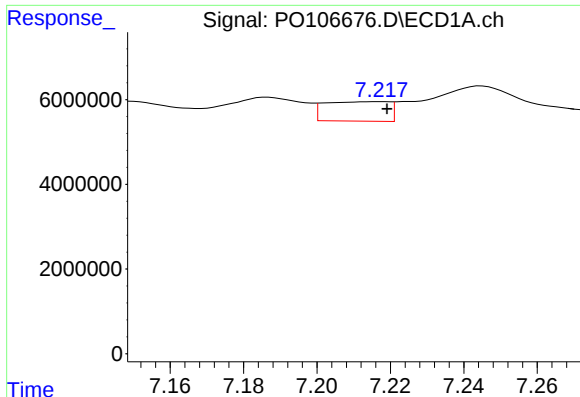
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: 0.027 min
Response: 427981
Conc: 1.41 ng/ml



#30 AR-1254-5

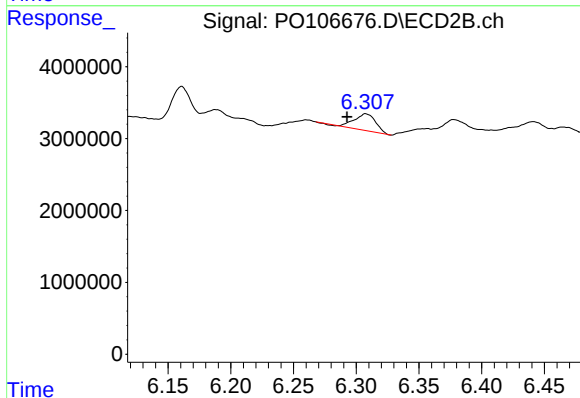
R.T.: 6.791 min
Delta R.T.: -0.015 min
Response: 3019443
Conc: 16.86 ng/ml



#31 AR-1260-1

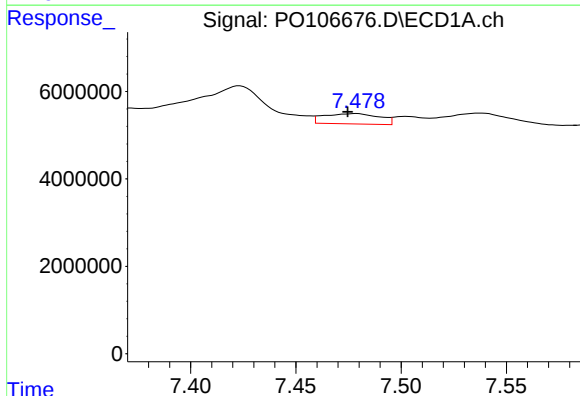
R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 5582361
Conc: 19.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



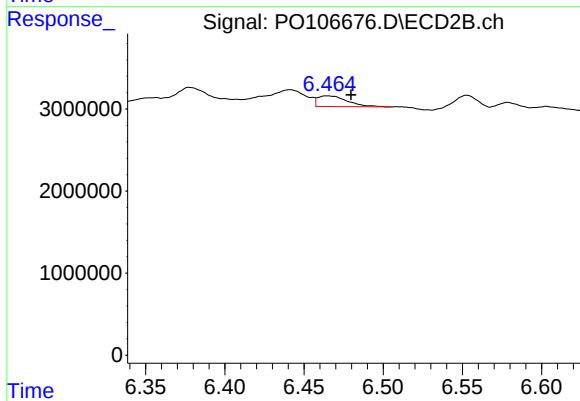
#31 AR-1260-1

R.T.: 6.308 min
Delta R.T.: 0.015 min
Response: 2809208
Conc: 21.72 ng/ml



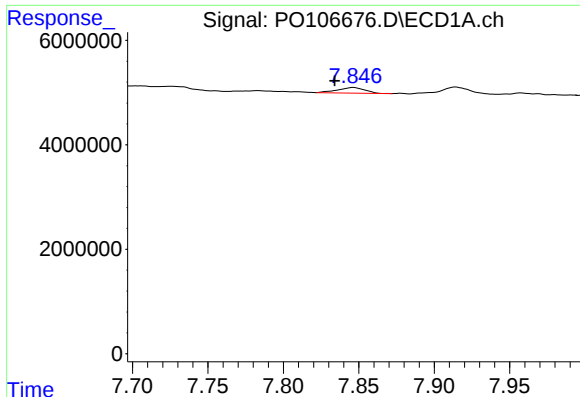
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: 0.004 min
Response: 4337921
Conc: 13.00 ng/ml



#32 AR-1260-2

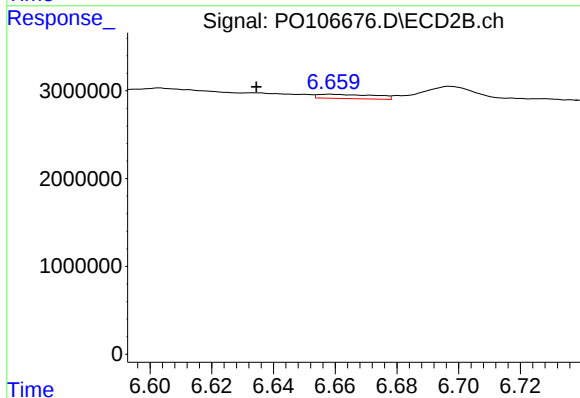
R.T.: 6.465 min
Delta R.T.: -0.015 min
Response: 1707763
Conc: 10.76 ng/ml



#33 AR-1260-3

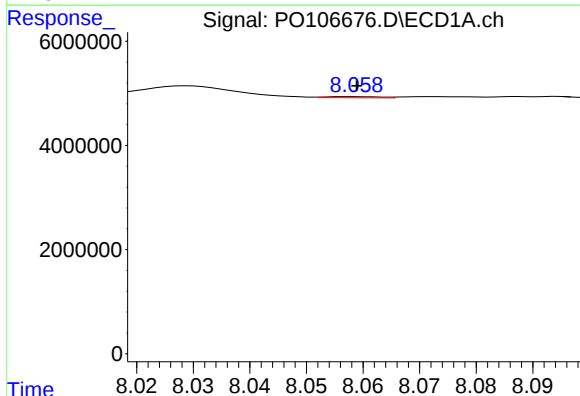
R.T.: 7.847 min
Delta R.T.: 0.013 min
Response: 1341248
Conc: 5.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



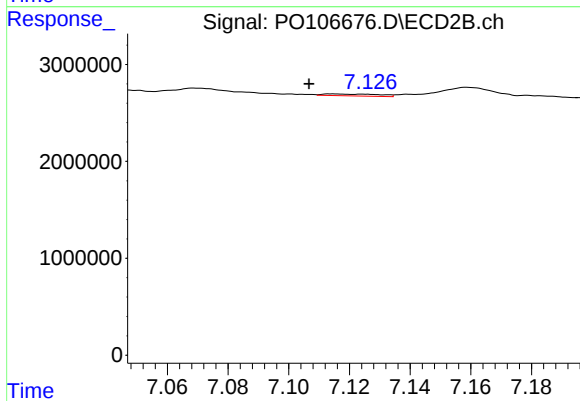
#33 AR-1260-3

R.T.: 6.658 min
Delta R.T.: 0.024 min
Response: 630851
Conc: 4.09 ng/ml



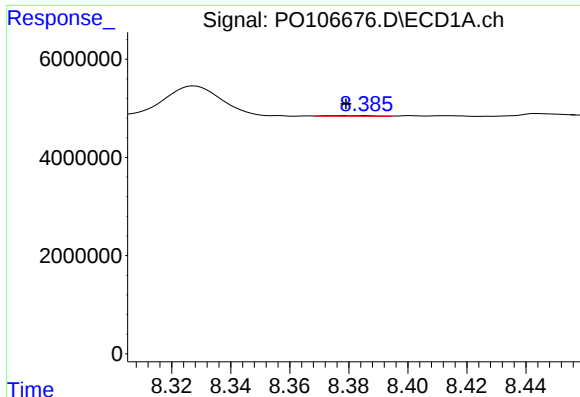
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.001 min
Response: 143746
Conc: 0.52 ng/ml



#34 AR-1260-4

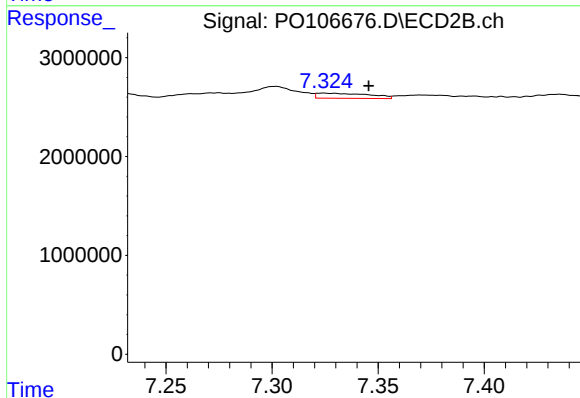
R.T.: 7.115 min
Delta R.T.: 0.008 min
Response: 257807
Conc: 2.42 ng/ml



#35 AR-1260-5

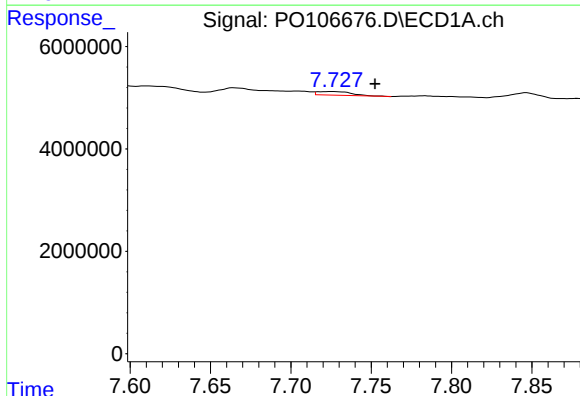
R.T.: 8.378 min
Delta R.T.: -0.001 min
Response: 152000
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



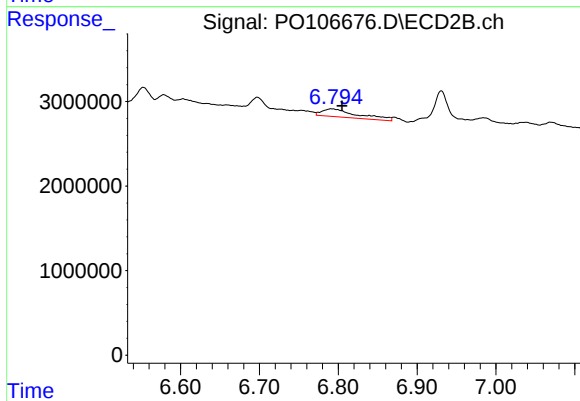
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.021 min
Response: 878019
Conc: 3.41 ng/ml



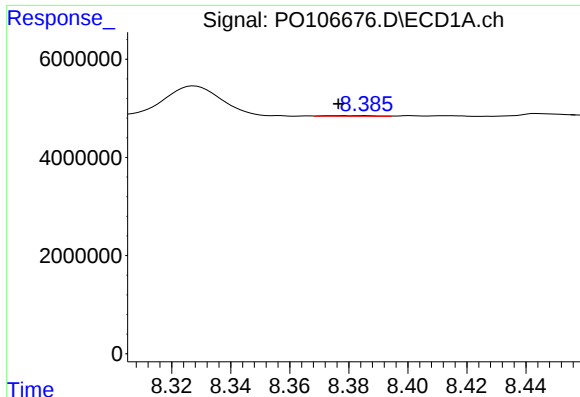
#36 AR-1262-1

R.T.: 7.726 min
Delta R.T.: -0.026 min
Response: 1069898
Conc: 4.36 ng/ml



#36 AR-1262-1

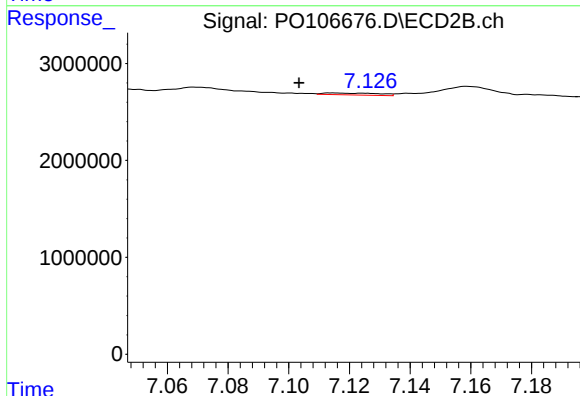
R.T.: 6.791 min
Delta R.T.: -0.014 min
Response: 3019443
Conc: 30.72 ng/ml



#37 AR-1262-2

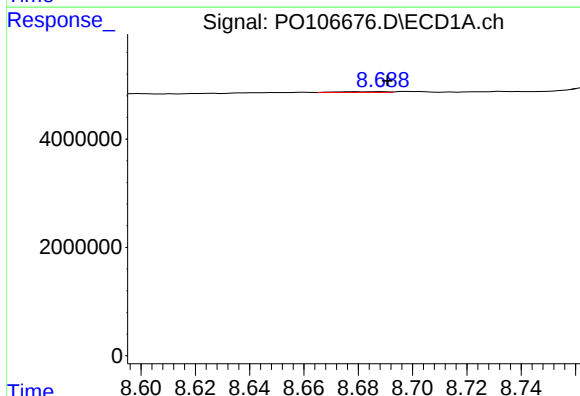
R.T.: 8.378 min
Delta R.T.: 0.001 min
Response: 152000
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



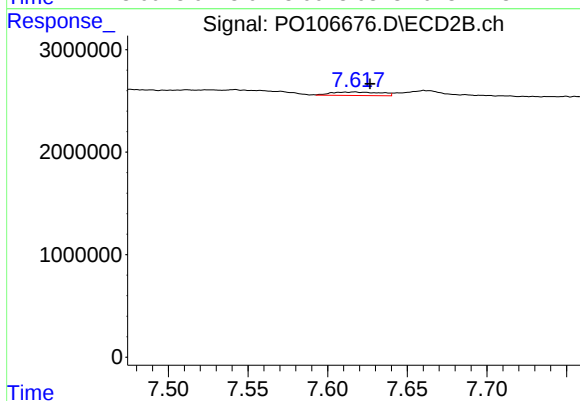
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: 0.011 min
Response: 257807
Conc: 1.64 ng/ml



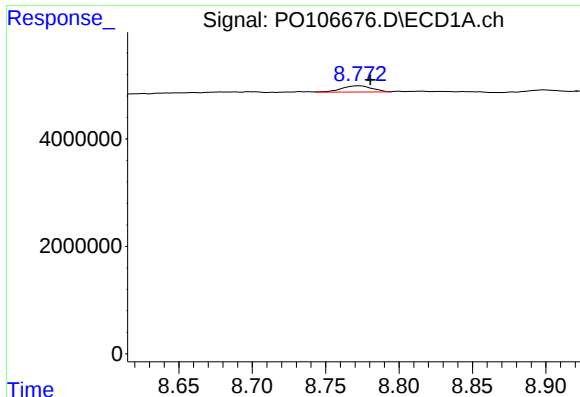
#38 AR-1262-3

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 192964
Conc: 0.44 ng/ml



#38 AR-1262-3

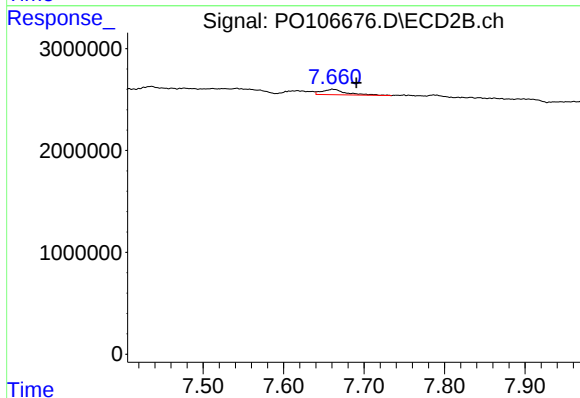
R.T.: 7.617 min
Delta R.T.: -0.010 min
Response: 718410
Conc: 5.90 ng/ml



#39 AR-1262-4

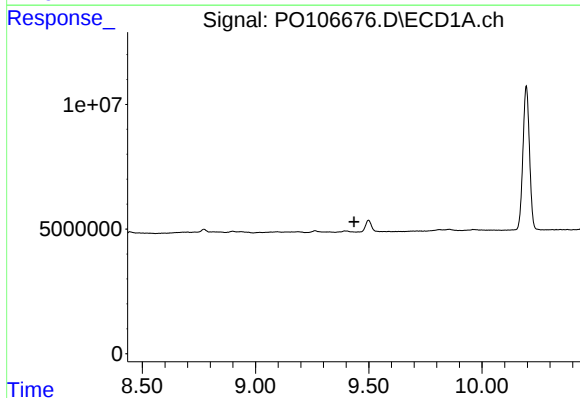
R.T.: 8.773 min
Delta R.T.: -0.008 min
Response: 1690902
Conc: 5.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



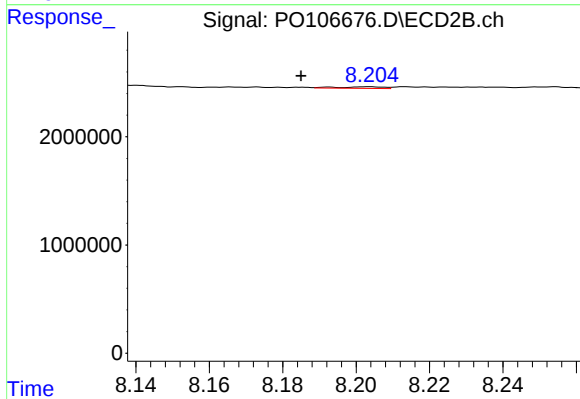
#39 AR-1262-4

R.T.: 7.661 min
Delta R.T.: -0.029 min
Response: 1122271
Conc: 4.75 ng/ml



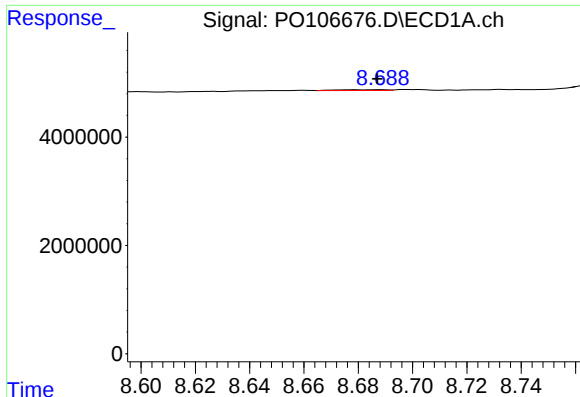
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: 0.021 min
Response: -73106
Conc: N.D.



#40 AR-1262-5

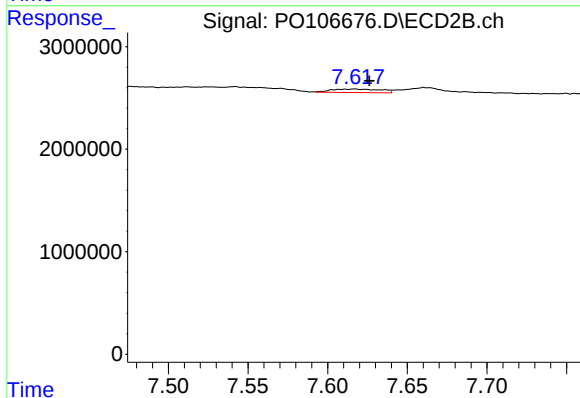
R.T.: 8.203 min
Delta R.T.: 0.019 min
Response: 131458
Conc: 1.26 ng/ml



#41 AR-1268-1

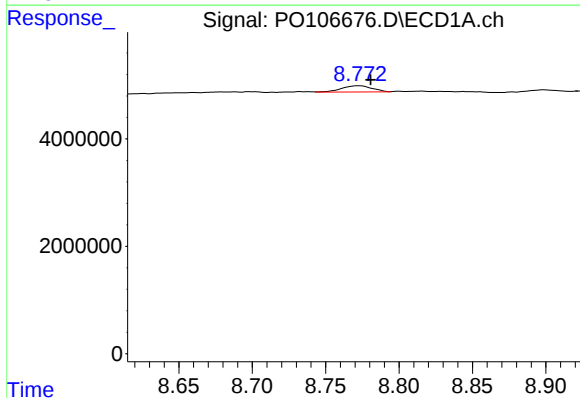
R.T.: 8.688 min
Delta R.T.: 0.001 min
Response: 192964
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



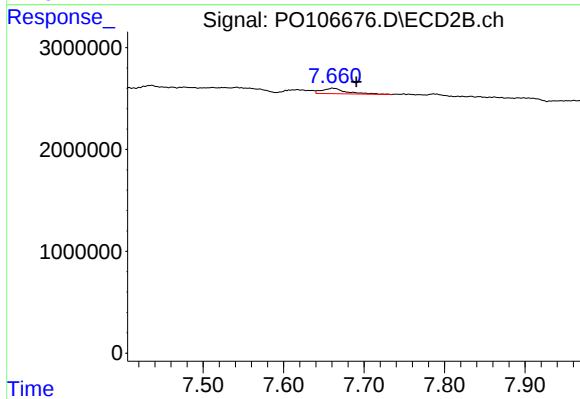
#41 AR-1268-1

R.T.: 7.617 min
Delta R.T.: -0.009 min
Response: 718410
Conc: 1.99 ng/ml



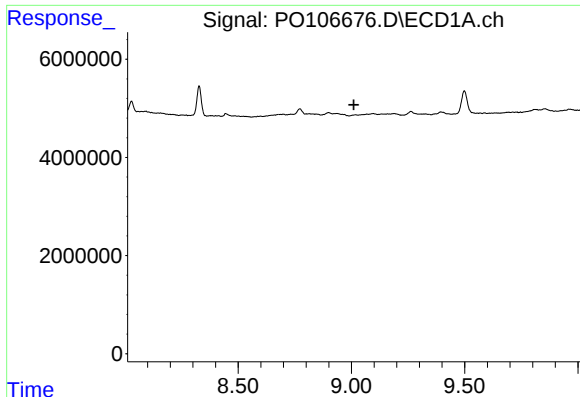
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.008 min
Response: 1690902
Conc: 2.51 ng/ml



#42 AR-1268-2

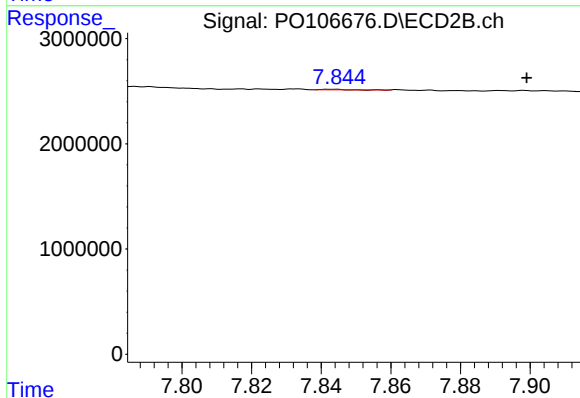
R.T.: 7.661 min
Delta R.T.: -0.030 min
Response: 1122271
Conc: 3.43 ng/ml



#43 AR-1268-3

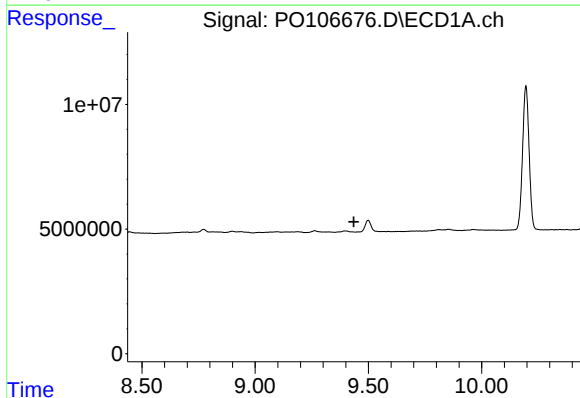
R.T.: 9.019 min
Delta R.T.: 0.008 min
Response: -183588
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
40306



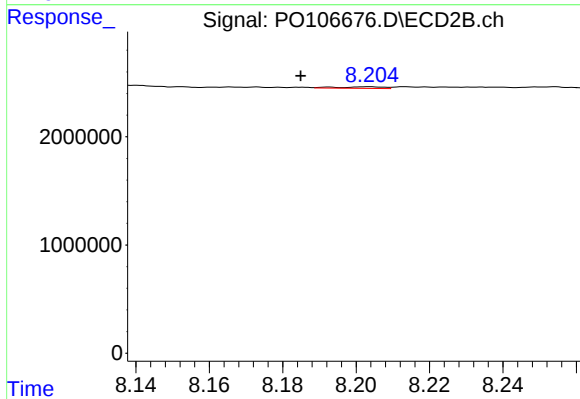
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: -0.056 min
Response: 7939
Conc: 0.03 ng/ml



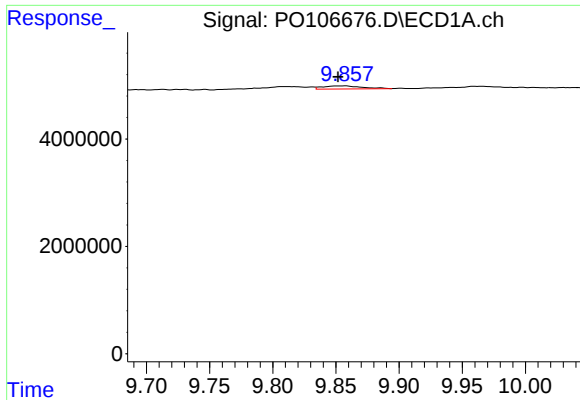
#44 AR-1268-4

R.T.: 9.455 min
Delta R.T.: 0.020 min
Response: -73106
Conc: N.D.



#44 AR-1268-4

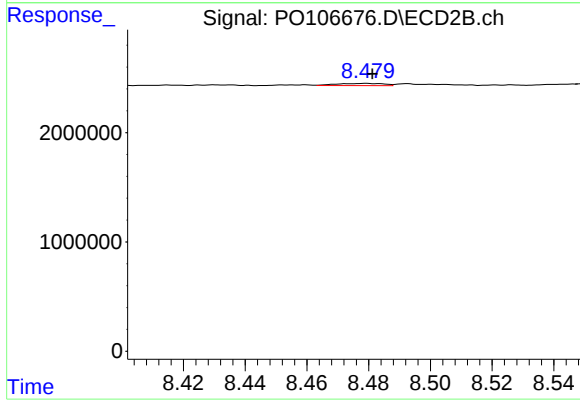
R.T.: 8.203 min
Delta R.T.: 0.019 min
Response: 131458
Conc: 1.16 ng/ml



#45 AR-1268-5

R.T.: 9.856 min
Delta R.T.: 0.004 min
Response: 1264371
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
40306



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 208066
Conc: 0.25 ng/ml