

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031425\
 Data File : P0109901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2025 18:34
 Operator : YP/AJ
 Sample : Q1572-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C0027

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:36:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 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...	3.693	3.690	185.5E6	103.7E6	19.593	19.816
2)	SA Decachlor...	8.744	8.695	107.1E6	40423941	12.456	12.695
Target Compounds							
3)	L1 AR-1016-1	4.794	4.780	4450707	3546711	14.437	22.711 #
4)	L1 AR-1016-2	4.794	4.780	4450707	3546711	10.571	16.387 #
5)	L1 AR-1016-3	4.859	4.969	195491	482021	0.661	4.035 #
6)	L1 AR-1016-4	4.988	5.011	871902	1087734	3.762	10.452 #
7)	L1 AR-1016-5	5.236	5.219	6879328	2732031	26.640	20.051
8)	L2 AR-1221-1	3.913	3.896	355905	357256	2.699	5.215 #
9)	L2 AR-1221-2	3.995	3.991	4532743	2466037	45.924	48.034
10)	L2 AR-1221-3	4.068	4.060	984044	340318	3.647	2.340 #
11)	L3 AR-1232-1	4.068	4.060	984044	340318	4.710	3.053 #
12)	L3 AR-1232-2	4.564	4.780	920514	3546711	7.930	34.328 #
13)	L3 AR-1232-3	4.794	4.969	4450707	482021	22.040	8.490 #
14)	L3 AR-1232-4	4.988	5.051	871902	846447	7.839	15.420 #
15)	L3 AR-1232-5	5.026	5.219	2115568	2732031	25.904	46.459 #
16)	L4 AR-1242-1	4.794	4.780	4450707	3546711	17.003	26.799 #
17)	L4 AR-1242-2	4.794	4.780	4450707	3546711	12.500	19.539 #
18)	L4 AR-1242-3	4.859	4.969	195491	482021	0.778	4.826 #
19)	L4 AR-1242-4	4.988	5.051	871902	846447	4.438	7.917 #
20)	L4 AR-1242-5	5.635	5.573	10704269	4348579	49.932	34.593 #
21)	L5 AR-1248-1	4.794	4.780	4450707	3546711	22.308	35.281 #
22)	L5 AR-1248-2	5.026	5.011	2115568	1087734	7.602	7.477
23)	L5 AR-1248-3	5.236	5.051	6879328	846447	19.691	5.461 #
24)	L5 AR-1248-4	5.593	5.219	8541739	2732031	17.904	15.111
25)	L5 AR-1248-5	5.635	5.614	10704269	6849307	31.252	39.774 #
26)	L6 AR-1254-1	5.593	5.573	8541739	4348579	16.566	16.627
27)	L6 AR-1254-2	5.743	5.721	5940938	3290892	13.191	14.030
28)	L6 AR-1254-3	6.148	6.123	6305090	2738681	8.807	7.678
29)	L6 AR-1254-4	6.375	6.348	5281505	1515784	12.611	7.849 #
30)	L6 AR-1254-5	6.796	6.767	10417349	4953395	16.697	16.693
31)	L7 AR-1260-1	6.282	6.255	12848631	6411911	27.564	27.064
32)	L7 AR-1260-2	6.469	6.441	5398838	2487769	9.553	9.041
33)	L7 AR-1260-3	6.836	6.595	7639169	836892	16.060	3.281 #
34)	L7 AR-1260-4	7.086	7.097	14446598	3603256	33.472	17.475 #
35)	L7 AR-1260-5	7.337	7.303	8240883	1964565	8.292	4.387 #
36)	L8 AR-1262-1	6.836	6.806	7639169	2717122	11.473	8.566 #
37)	L8 AR-1262-2	7.337	7.303	8240883	1964565	7.295	3.940 #
38)	L8 AR-1262-3	7.657	7.597	10772933	1193996	24.033	6.084 #
39)	L8 AR-1262-4	7.684	7.649	10181708	4600192	12.279	12.962
40)	L8 AR-1262-5	8.182	8.142	6356826	127044	17.027	0.888 #
41)	L9 AR-1268-1	7.657	7.597	10772933	1193996	8.135	2.090 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031425\
 Data File : P0109901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2025 18:34
 Operator : YP/AJ
 Sample : Q1572-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

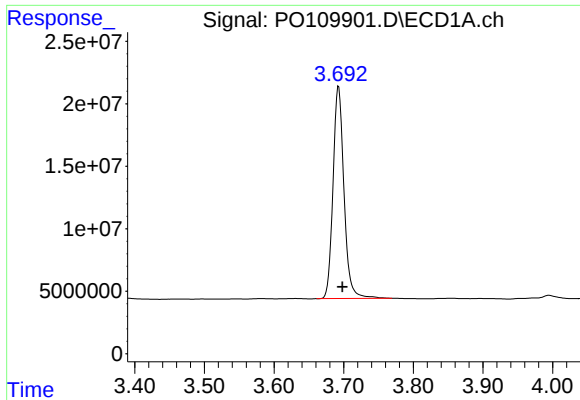
Instrument :
 ECD_O
 ClientSampleId :
 C0027

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:36:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.684	7.649	10181708	4600192	8.421	8.763
43) L9	AR-1268-3	7.896	7.860	2511593	895286	2.467	2.092
44) L9	AR-1268-4	8.182	8.142	6356826	127044	14.962	0.787 #
45) L9	AR-1268-5	8.482	8.436	7613553	271946	2.521	0.249 #

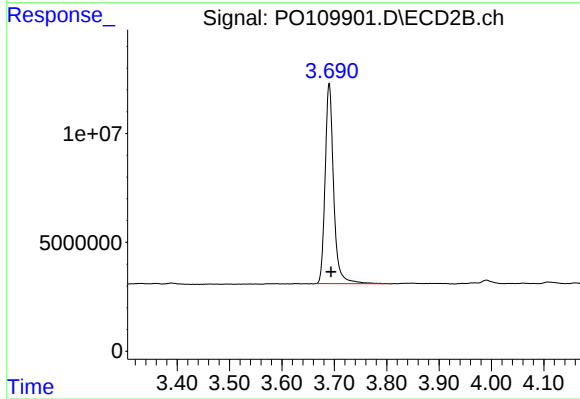
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

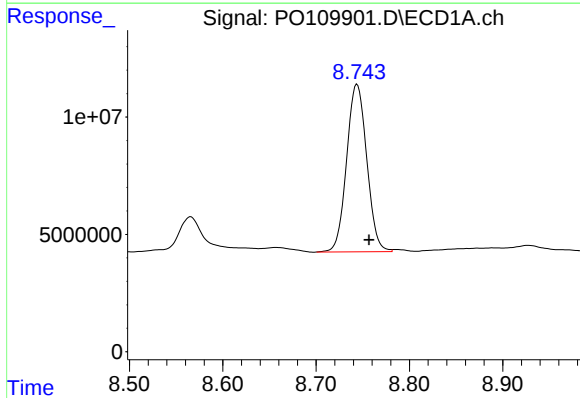
R.T.: 3.693 min
Delta R.T.: -0.005 min
Response: 185450134
Conc: 19.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



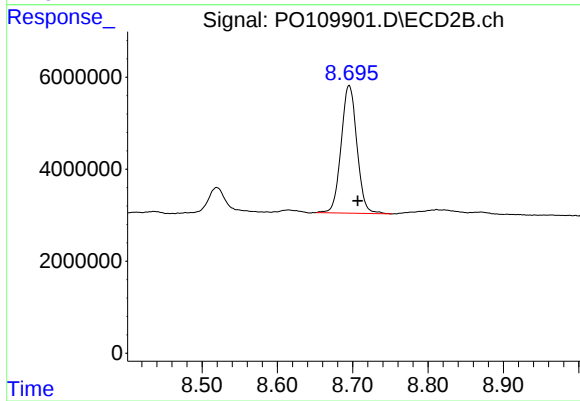
#1 Tetrachloro-m-xylene

R.T.: 3.690 min
Delta R.T.: -0.004 min
Response: 103721511
Conc: 19.82 ng/ml



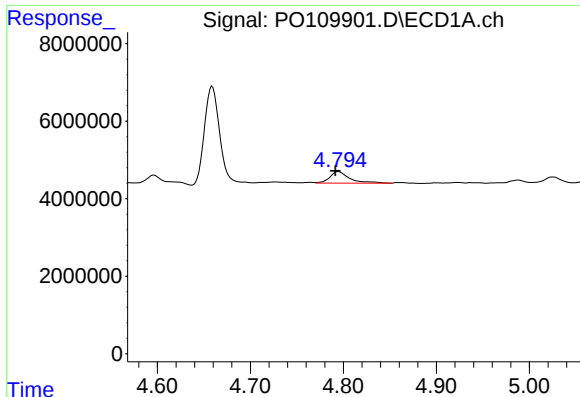
#2 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: -0.013 min
Response: 107146132
Conc: 12.46 ng/ml



#2 Decachlorobiphenyl

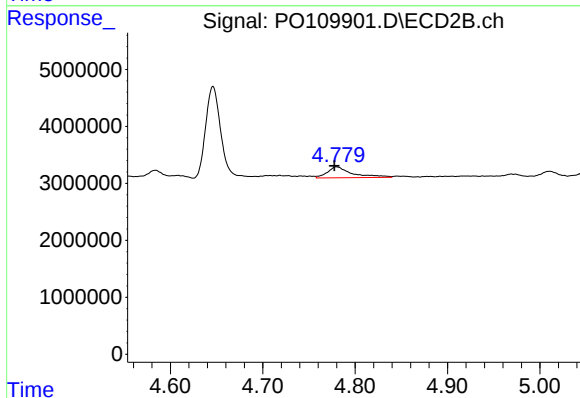
R.T.: 8.695 min
Delta R.T.: -0.012 min
Response: 40423941
Conc: 12.69 ng/ml



#3 AR-1016-1

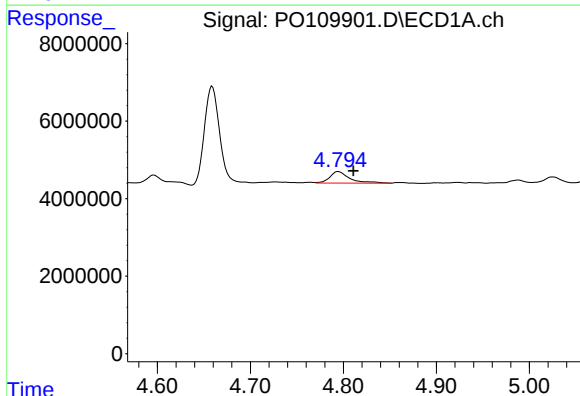
R.T.: 4.794 min
Delta R.T.: 0.003 min
Response: 4450707
Conc: 14.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



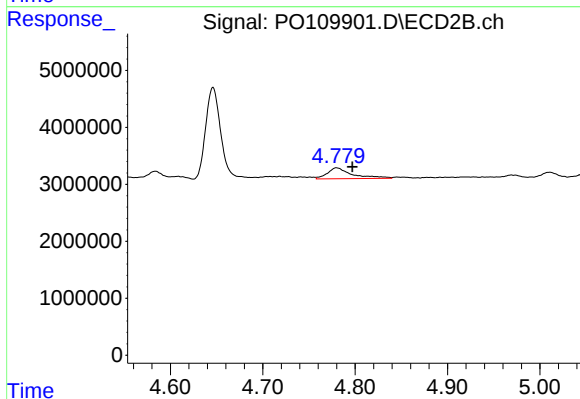
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 3546711
Conc: 22.71 ng/ml



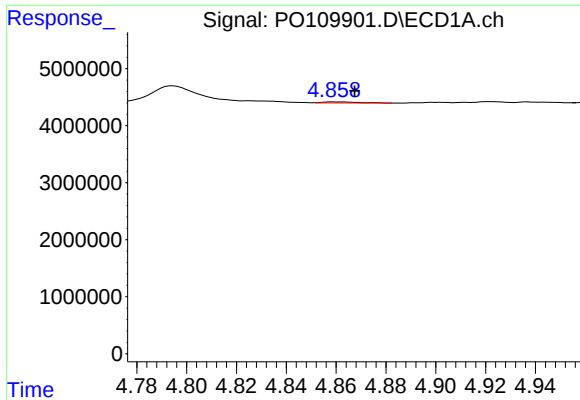
#4 AR-1016-2

R.T.: 4.794 min
Delta R.T.: -0.016 min
Response: 4450707
Conc: 10.57 ng/ml



#4 AR-1016-2

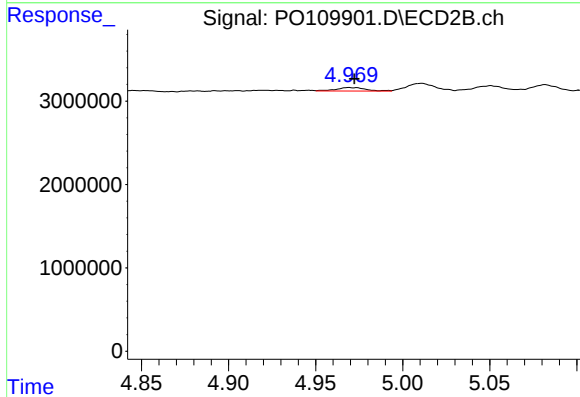
R.T.: 4.780 min
Delta R.T.: -0.017 min
Response: 3546711
Conc: 16.39 ng/ml



#5 AR-1016-3

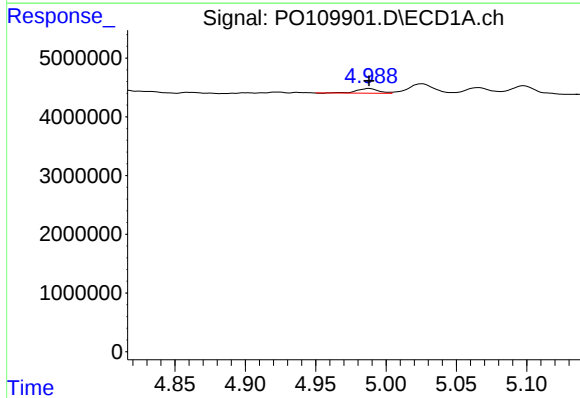
R.T.: 4.859 min
Delta R.T.: -0.008 min
Response: 195491
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



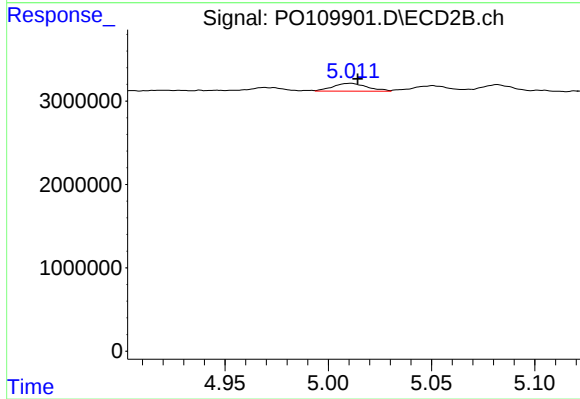
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 482021
Conc: 4.04 ng/ml



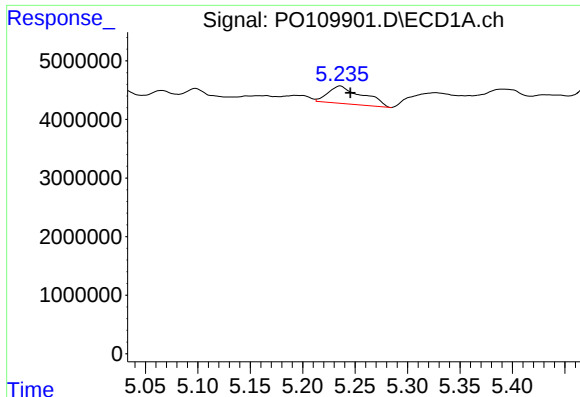
#6 AR-1016-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 871902
Conc: 3.76 ng/ml



#6 AR-1016-4

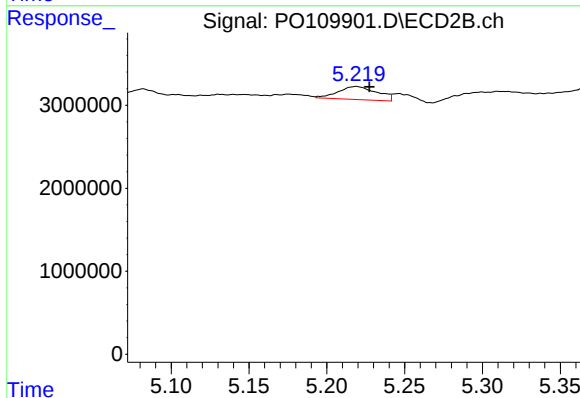
R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 1087734
Conc: 10.45 ng/ml



#7 AR-1016-5

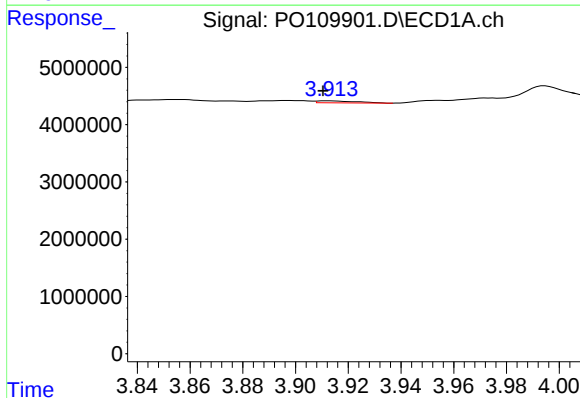
R.T.: 5.236 min
Delta R.T.: -0.010 min
Response: 6879328
Conc: 26.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



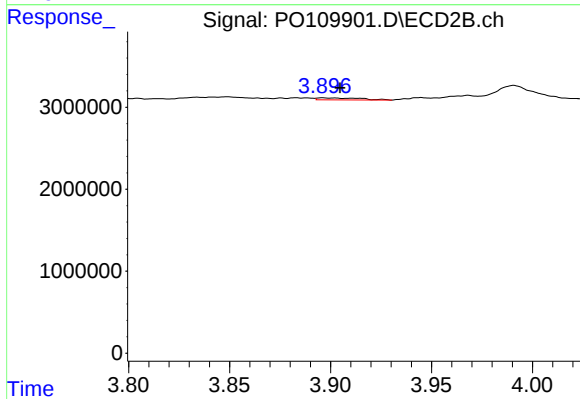
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2732031
Conc: 20.05 ng/ml



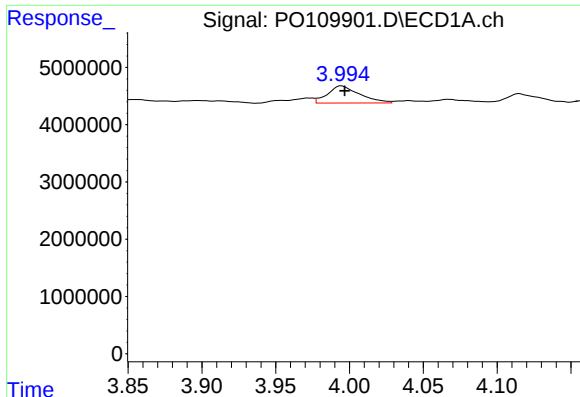
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: 0.002 min
Response: 355905
Conc: 2.70 ng/ml



#8 AR-1221-1

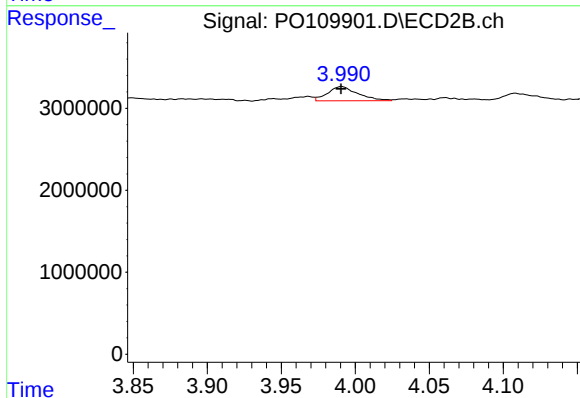
R.T.: 3.896 min
Delta R.T.: -0.008 min
Response: 357256
Conc: 5.22 ng/ml



#9 AR-1221-2

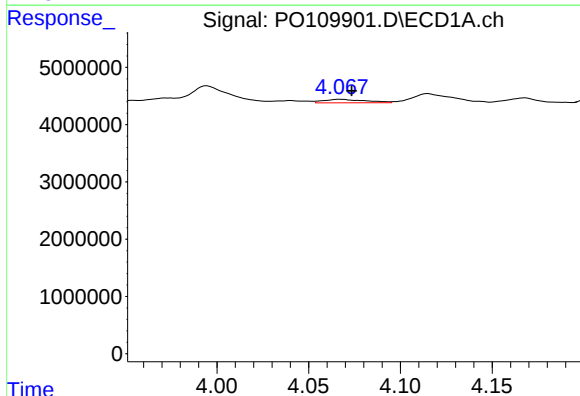
R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 4532743
Conc: 45.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



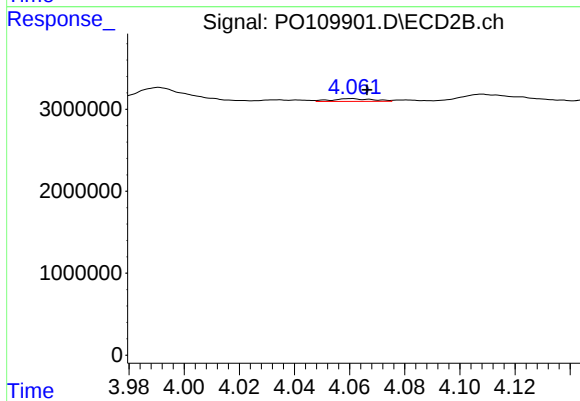
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 2466037
Conc: 48.03 ng/ml



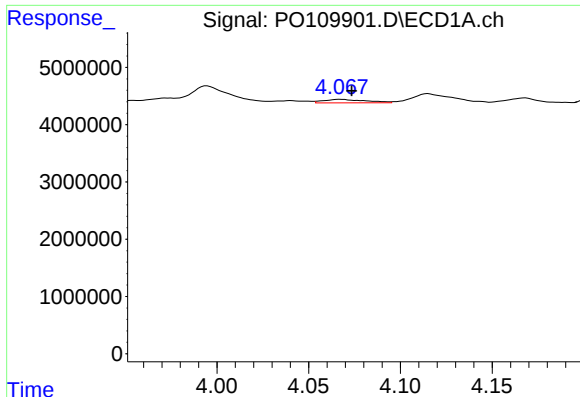
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: -0.006 min
Response: 984044
Conc: 3.65 ng/ml



#10 AR-1221-3

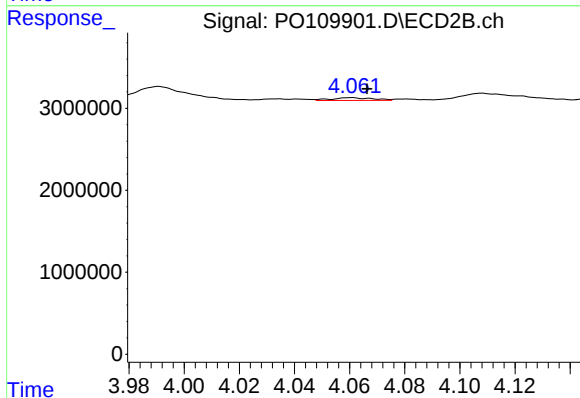
R.T.: 4.060 min
Delta R.T.: -0.006 min
Response: 340318
Conc: 2.34 ng/ml



#11 AR-1232-1

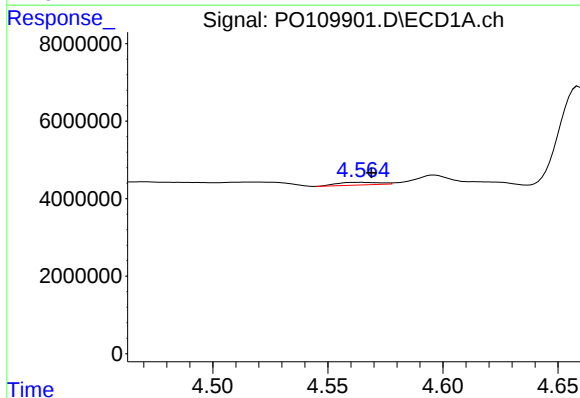
R.T.: 4.068 min
Delta R.T.: -0.006 min
Response: 984044
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



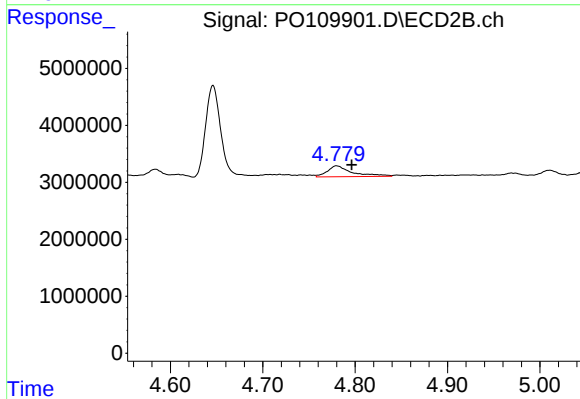
#11 AR-1232-1

R.T.: 4.060 min
Delta R.T.: -0.006 min
Response: 340318
Conc: 3.05 ng/ml



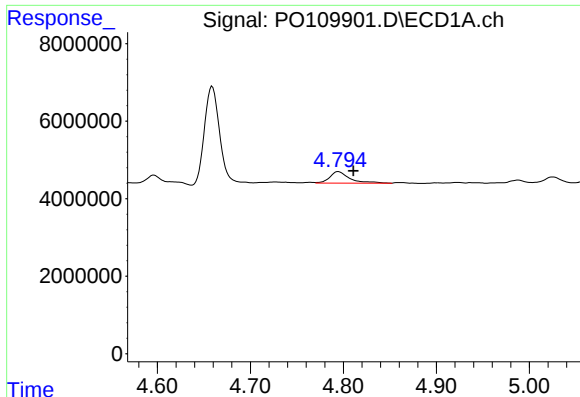
#12 AR-1232-2

R.T.: 4.564 min
Delta R.T.: -0.005 min
Response: 920514
Conc: 7.93 ng/ml



#12 AR-1232-2

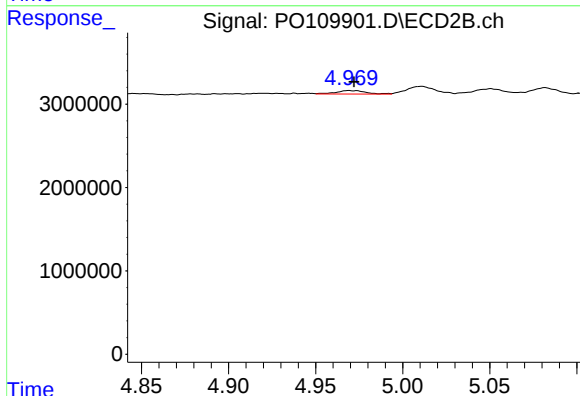
R.T.: 4.780 min
Delta R.T.: -0.016 min
Response: 3546711
Conc: 34.33 ng/ml



#13 AR-1232-3

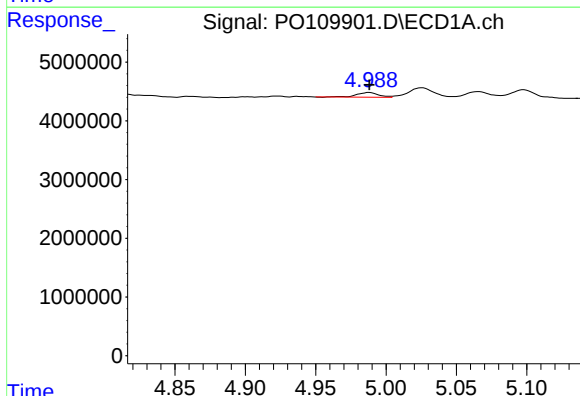
R.T.: 4.794 min
Delta R.T.: -0.016 min
Response: 4450707
Conc: 22.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



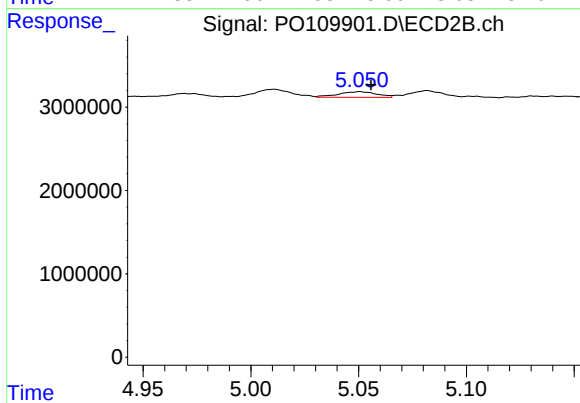
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 482021
Conc: 8.49 ng/ml



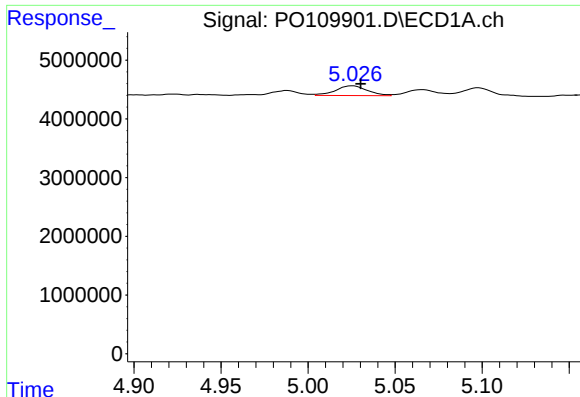
#14 AR-1232-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 871902
Conc: 7.84 ng/ml



#14 AR-1232-4

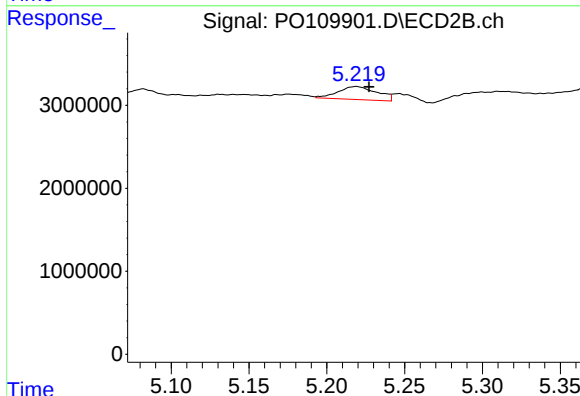
R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 846447
Conc: 15.42 ng/ml



#15 AR-1232-5

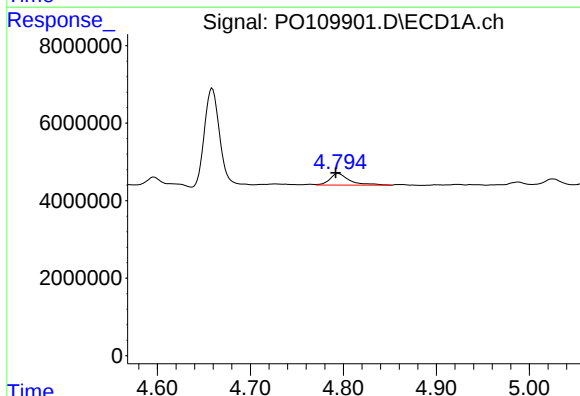
R.T.: 5.026 min
Delta R.T.: -0.005 min
Response: 2115568
Conc: 25.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



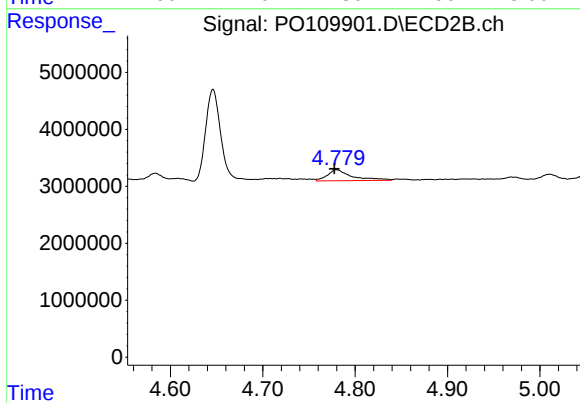
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2732031
Conc: 46.46 ng/ml



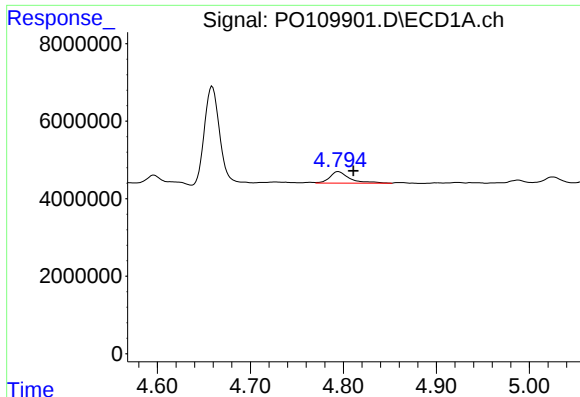
#16 AR-1242-1

R.T.: 4.794 min
Delta R.T.: 0.003 min
Response: 4450707
Conc: 17.00 ng/ml



#16 AR-1242-1

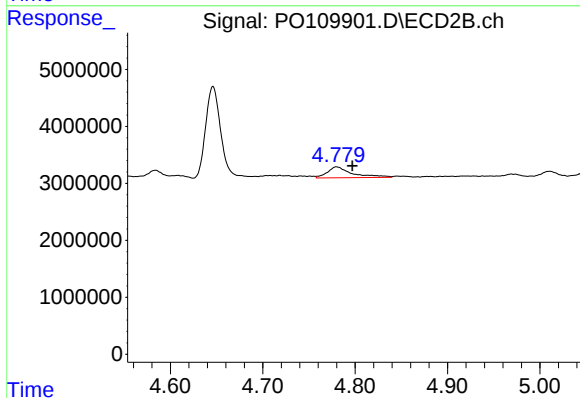
R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 3546711
Conc: 26.80 ng/ml



#17 AR-1242-2

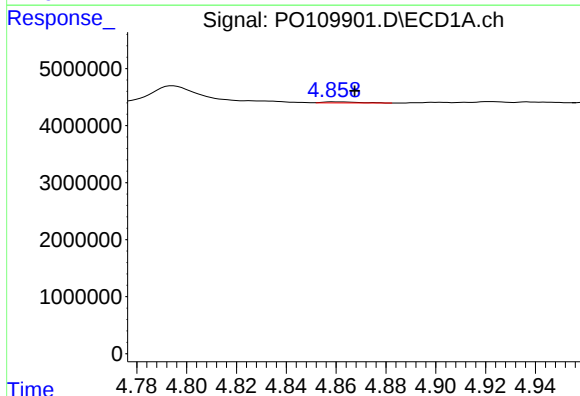
R.T.: 4.794 min
Delta R.T.: -0.016 min
Response: 4450707
Conc: 12.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



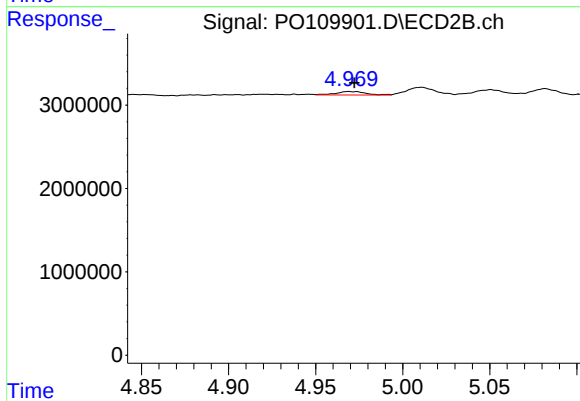
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: -0.017 min
Response: 3546711
Conc: 19.54 ng/ml



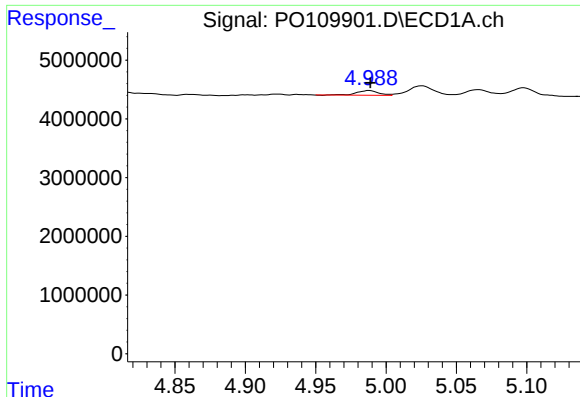
#18 AR-1242-3

R.T.: 4.859 min
Delta R.T.: -0.008 min
Response: 195491
Conc: 0.78 ng/ml



#18 AR-1242-3

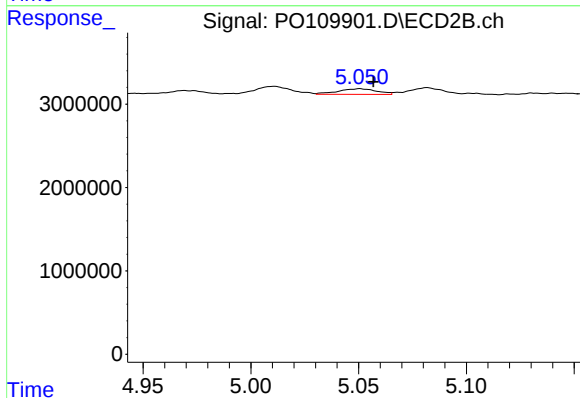
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 482021
Conc: 4.83 ng/ml



#19 AR-1242-4

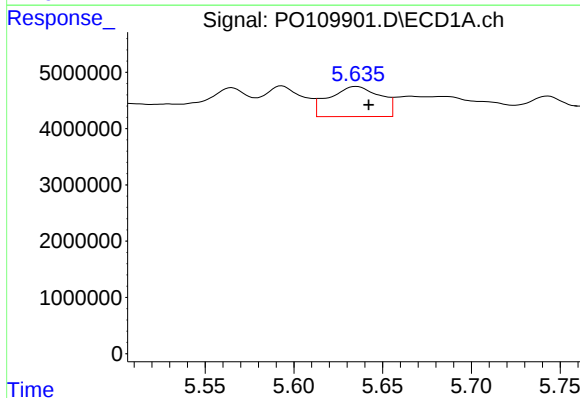
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 871902
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



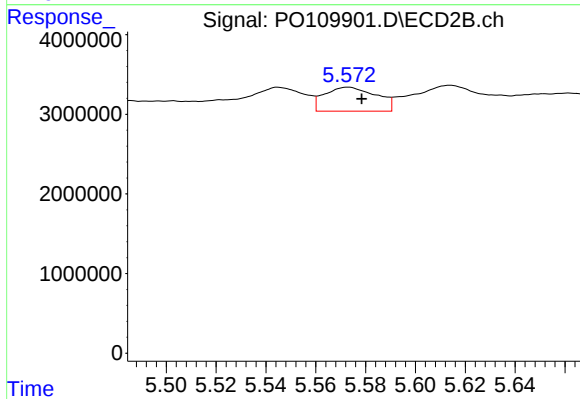
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: -0.006 min
Response: 846447
Conc: 7.92 ng/ml



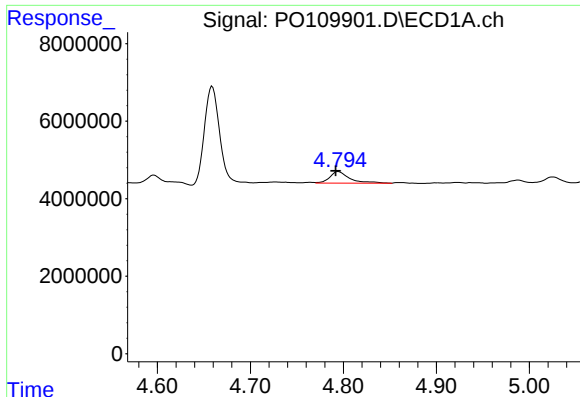
#20 AR-1242-5

R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 10704269
Conc: 49.93 ng/ml



#20 AR-1242-5

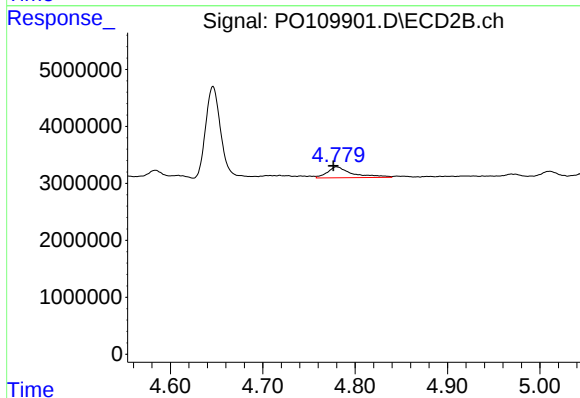
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 4348579
Conc: 34.59 ng/ml



#21 AR-1248-1

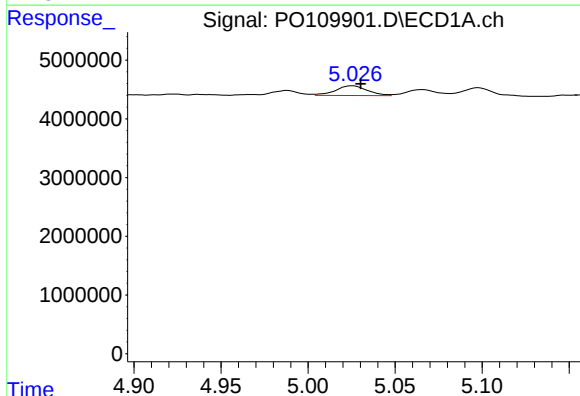
R.T.: 4.794 min
Delta R.T.: 0.003 min
Response: 4450707
Conc: 22.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



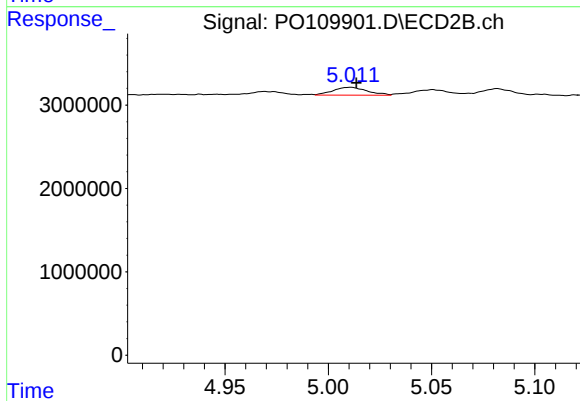
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: 0.003 min
Response: 3546711
Conc: 35.28 ng/ml



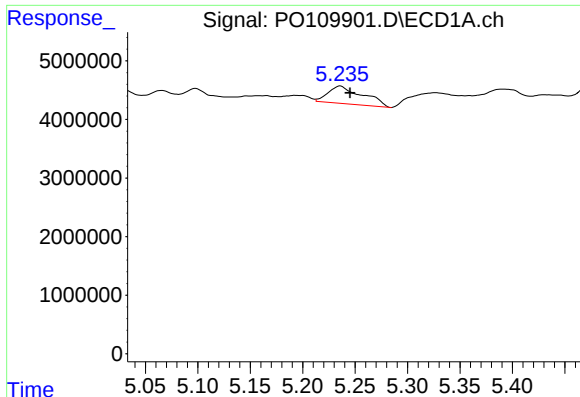
#22 AR-1248-2

R.T.: 5.026 min
Delta R.T.: -0.005 min
Response: 2115568
Conc: 7.60 ng/ml



#22 AR-1248-2

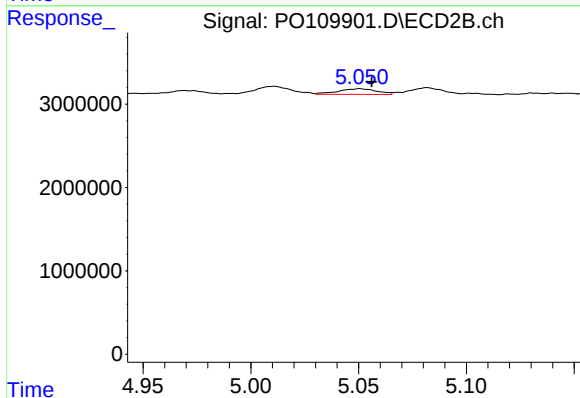
R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 1087734
Conc: 7.48 ng/ml



#23 AR-1248-3

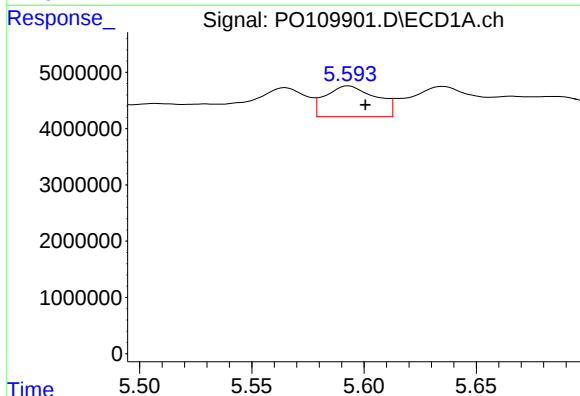
R.T.: 5.236 min
Delta R.T.: -0.009 min
Response: 6879328
Conc: 19.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



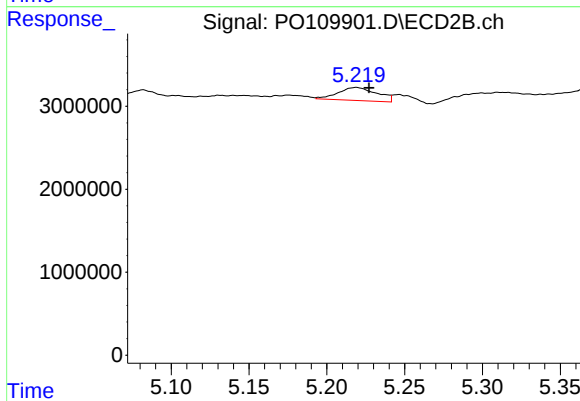
#23 AR-1248-3

R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 846447
Conc: 5.46 ng/ml



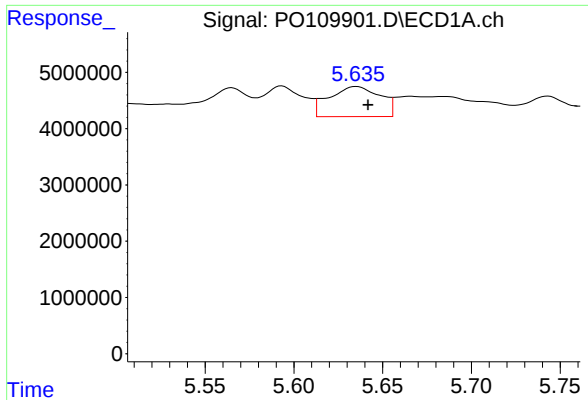
#24 AR-1248-4

R.T.: 5.593 min
Delta R.T.: -0.007 min
Response: 8541739
Conc: 17.90 ng/ml



#24 AR-1248-4

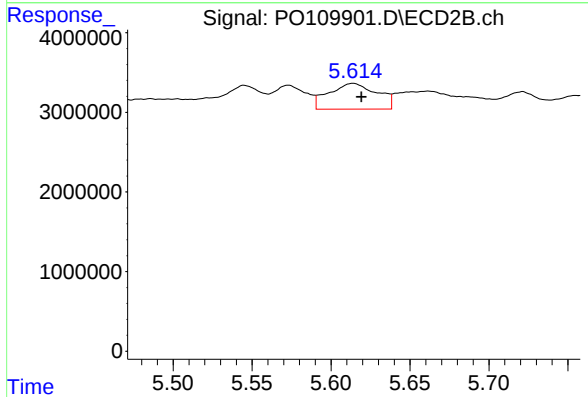
R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 2732031
Conc: 15.11 ng/ml



#25 AR-1248-5

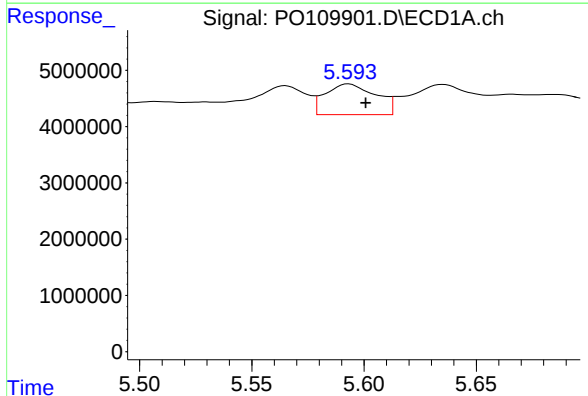
R.T.: 5.635 min
Delta R.T.: -0.007 min
Response: 10704269
Conc: 31.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



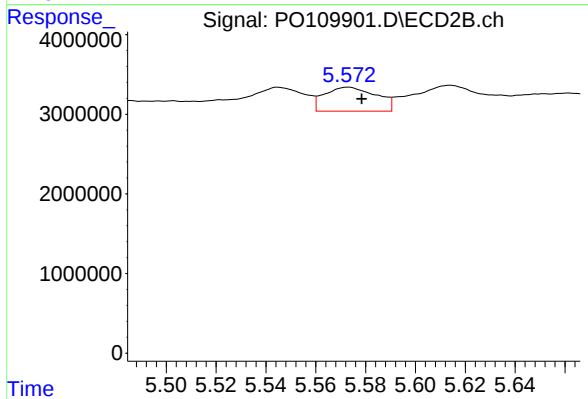
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 6849307
Conc: 39.77 ng/ml



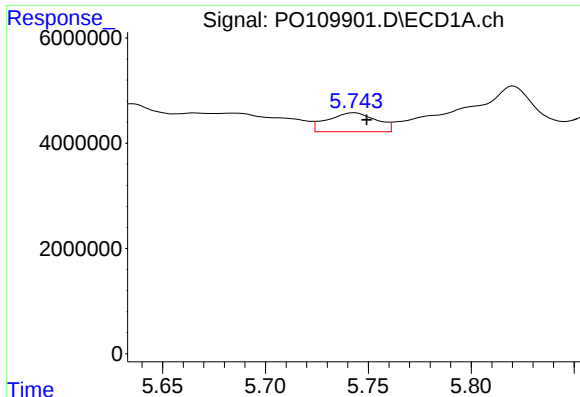
#26 AR-1254-1

R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 8541739
Conc: 16.57 ng/ml



#26 AR-1254-1

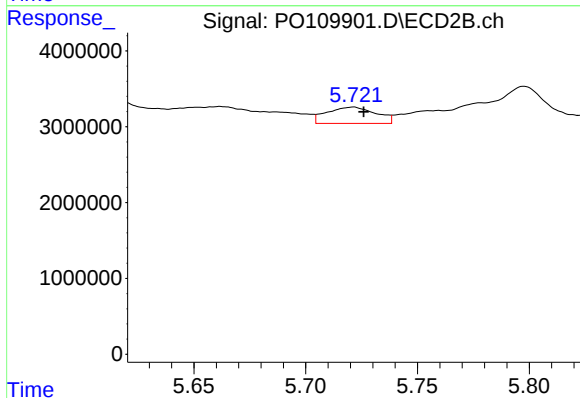
R.T.: 5.573 min
Delta R.T.: -0.006 min
Response: 4348579
Conc: 16.63 ng/ml



#27 AR-1254-2

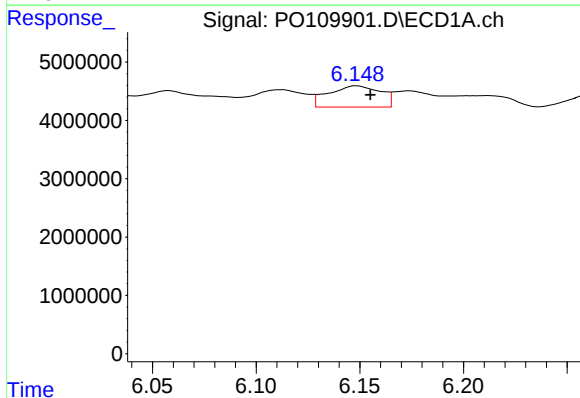
R.T.: 5.743 min
Delta R.T.: -0.006 min
Response: 5940938
Conc: 13.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



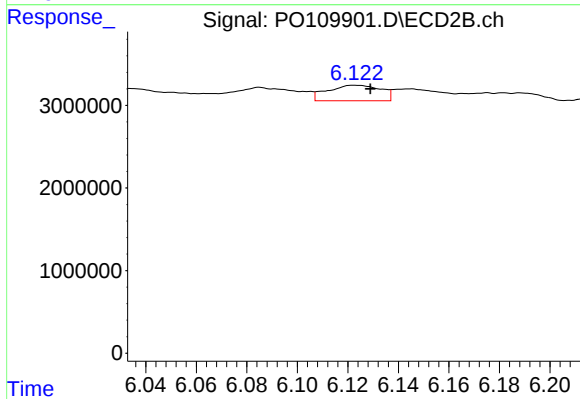
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 3290892
Conc: 14.03 ng/ml



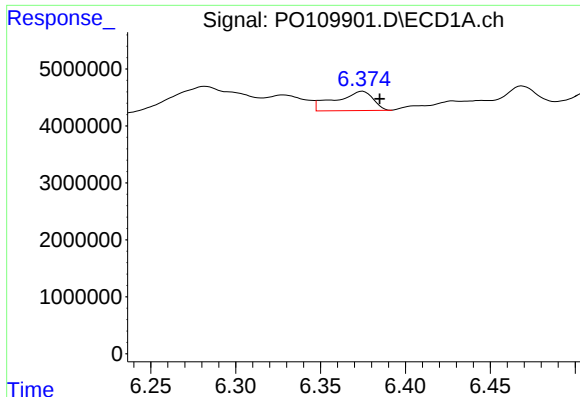
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: -0.007 min
Response: 6305090
Conc: 8.81 ng/ml



#28 AR-1254-3

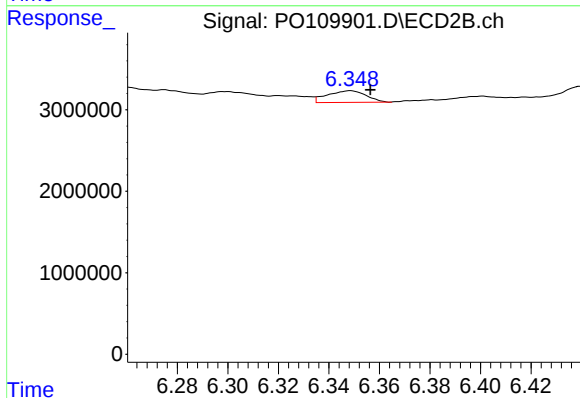
R.T.: 6.123 min
Delta R.T.: -0.006 min
Response: 2738681
Conc: 7.68 ng/ml



#29 AR-1254-4

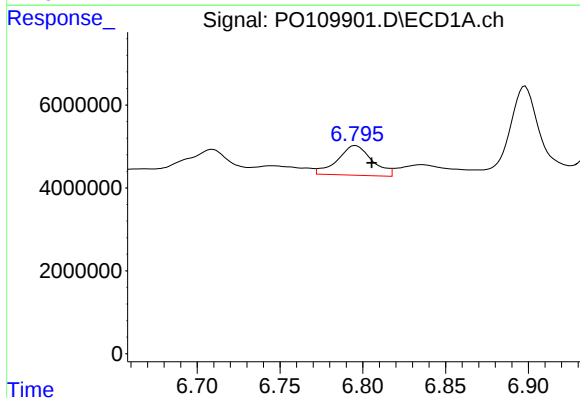
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 5281505
Conc: 12.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



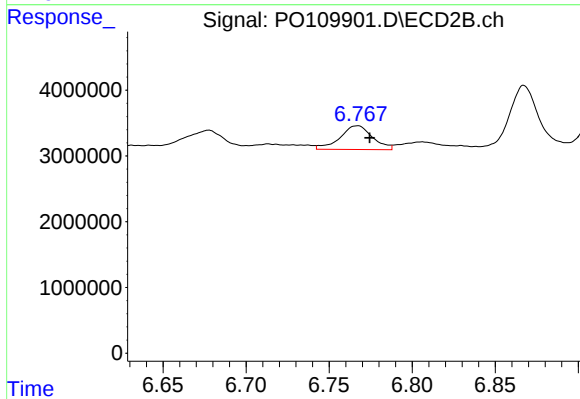
#29 AR-1254-4

R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 1515784
Conc: 7.85 ng/ml



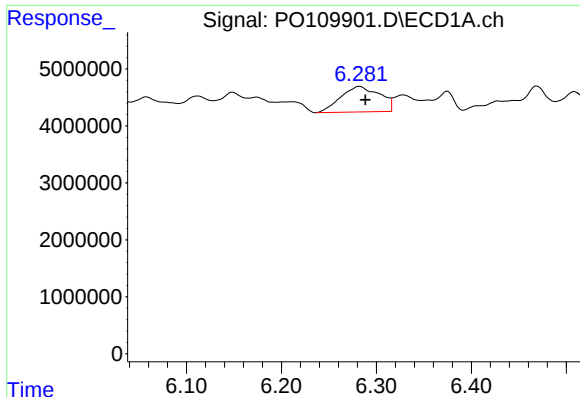
#30 AR-1254-5

R.T.: 6.796 min
Delta R.T.: -0.010 min
Response: 10417349
Conc: 16.70 ng/ml



#30 AR-1254-5

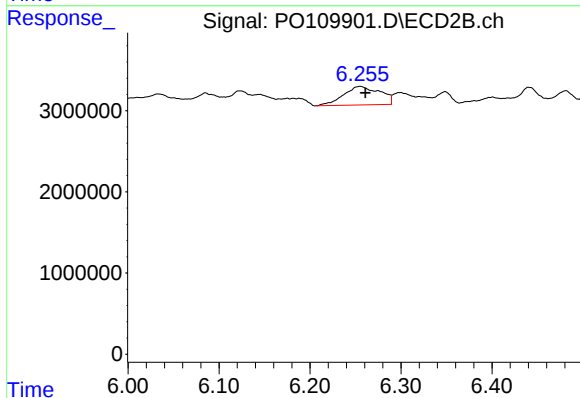
R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 4953395
Conc: 16.69 ng/ml



#31 AR-1260-1

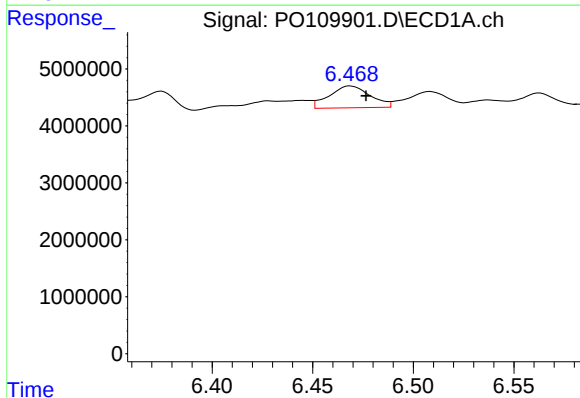
R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 12848631
Conc: 27.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



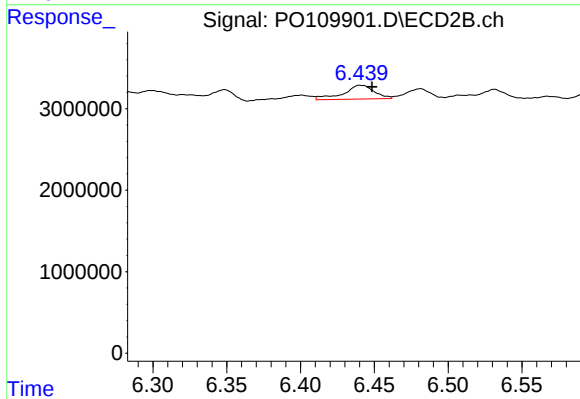
#31 AR-1260-1

R.T.: 6.255 min
Delta R.T.: -0.006 min
Response: 6411911
Conc: 27.06 ng/ml



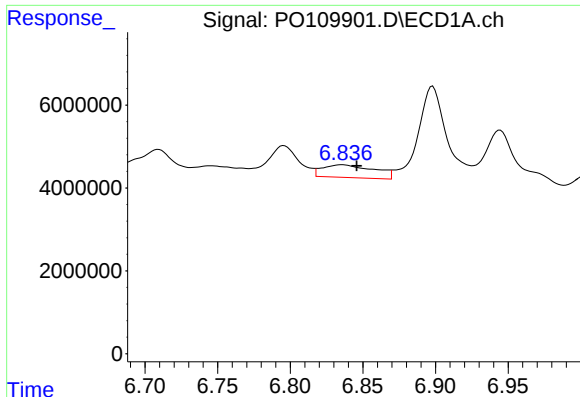
#32 AR-1260-2

R.T.: 6.469 min
Delta R.T.: -0.008 min
Response: 5398838
Conc: 9.55 ng/ml



#32 AR-1260-2

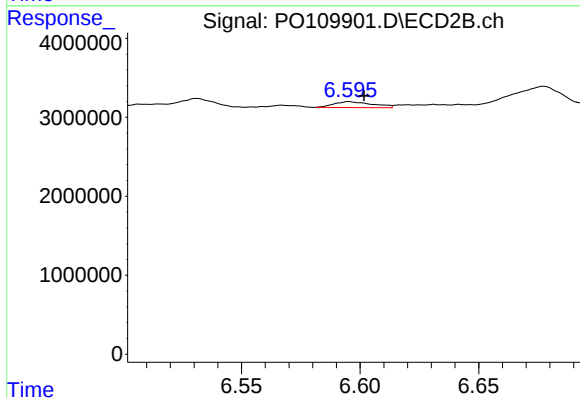
R.T.: 6.441 min
Delta R.T.: -0.008 min
Response: 2487769
Conc: 9.04 ng/ml



#33 AR-1260-3

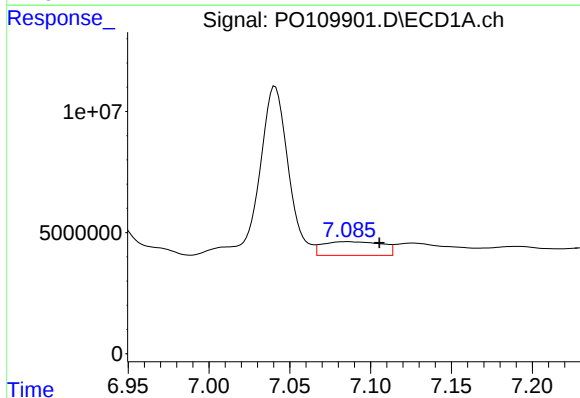
R.T.: 6.836 min
Delta R.T.: -0.010 min
Response: 7639169
Conc: 16.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



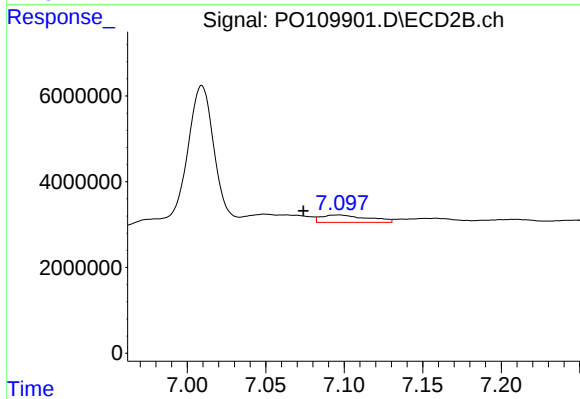
#33 AR-1260-3

R.T.: 6.595 min
Delta R.T.: -0.006 min
Response: 836892
Conc: 3.28 ng/ml



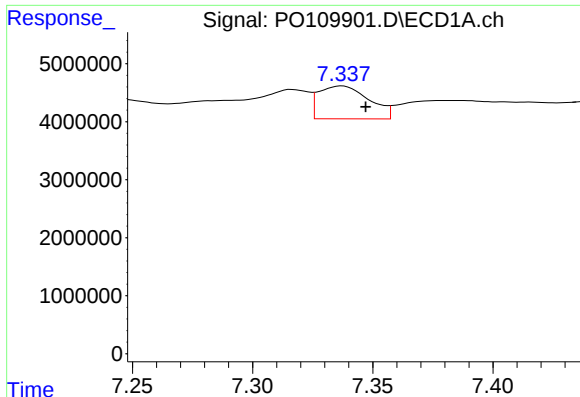
#34 AR-1260-4

R.T.: 7.086 min
Delta R.T.: -0.020 min
Response: 14446598
Conc: 33.47 ng/ml



#34 AR-1260-4

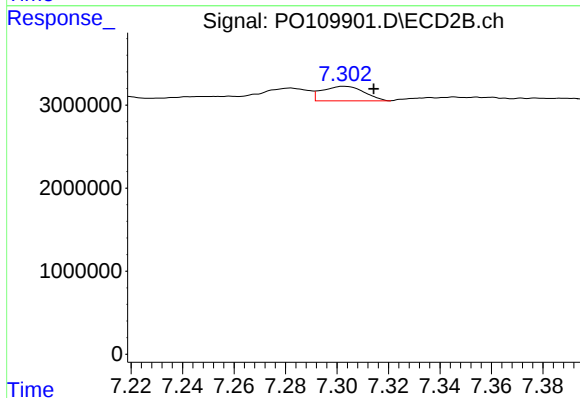
R.T.: 7.097 min
Delta R.T.: 0.023 min
Response: 3603256
Conc: 17.48 ng/ml



#35 AR-1260-5

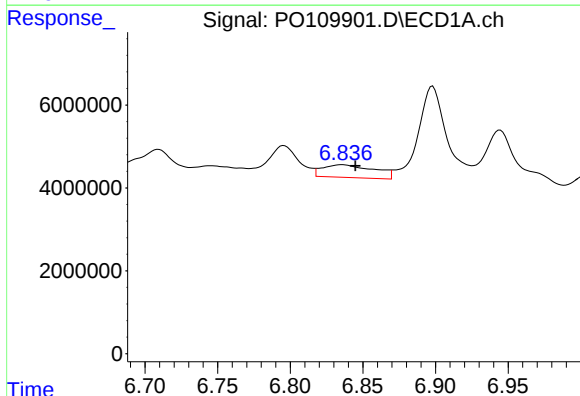
R.T.: 7.337 min
Delta R.T.: -0.010 min
Response: 8240883
Conc: 8.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



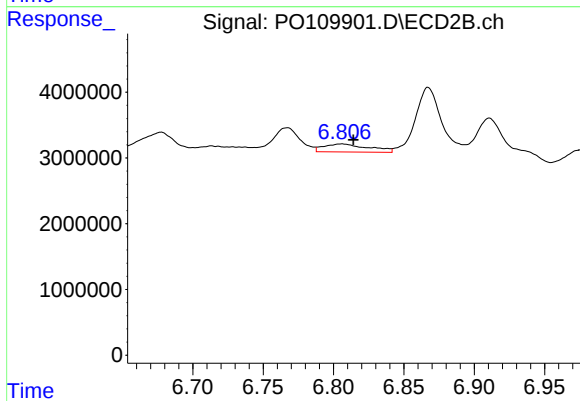
#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: -0.011 min
Response: 1964565
Conc: 4.39 ng/ml



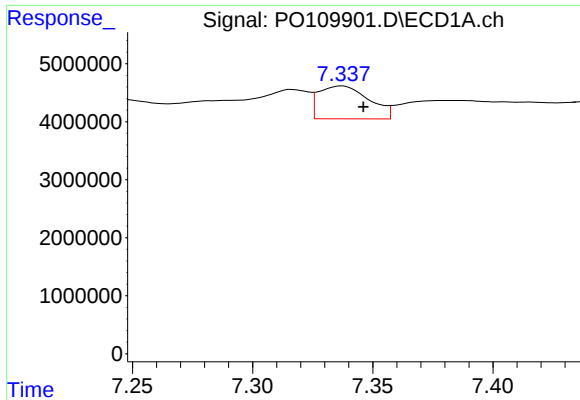
#36 AR-1262-1

R.T.: 6.836 min
Delta R.T.: -0.009 min
Response: 7639169
Conc: 11.47 ng/ml



#36 AR-1262-1

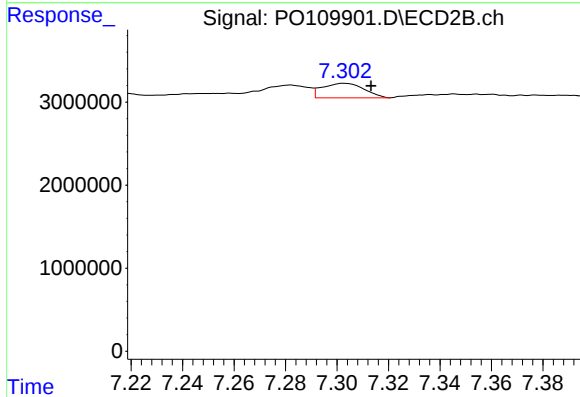
R.T.: 6.806 min
Delta R.T.: -0.008 min
Response: 2717122
Conc: 8.57 ng/ml



#37 AR-1262-2

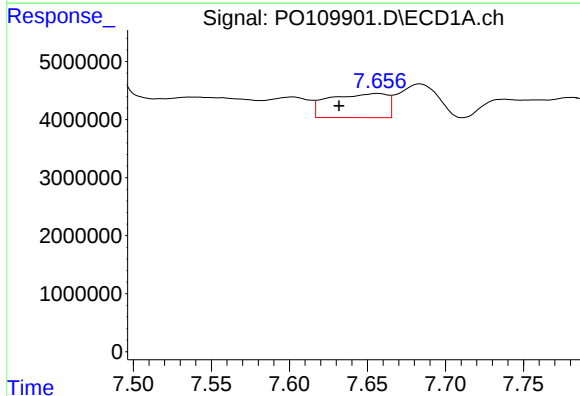
R.T.: 7.337 min
Delta R.T.: -0.009 min
Response: 8240883
Conc: 7.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



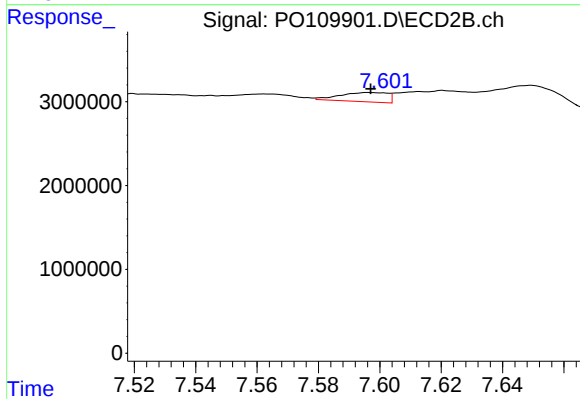
#37 AR-1262-2

R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 1964565
Conc: 3.94 ng/ml



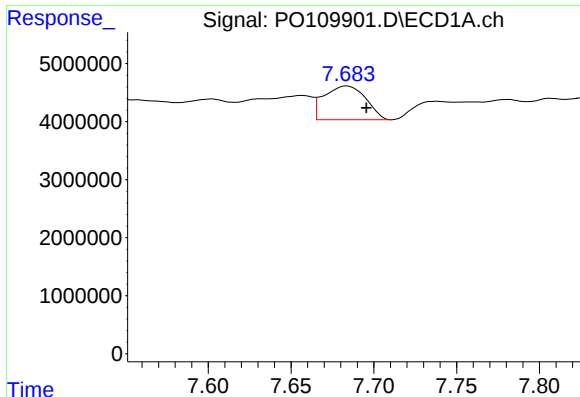
#38 AR-1262-3

R.T.: 7.657 min
Delta R.T.: 0.025 min
Response: 10772933
Conc: 24.03 ng/ml



#38 AR-1262-3

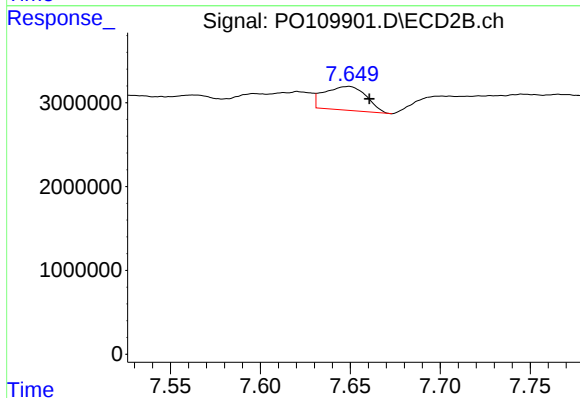
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 1193996
Conc: 6.08 ng/ml



#39 AR-1262-4

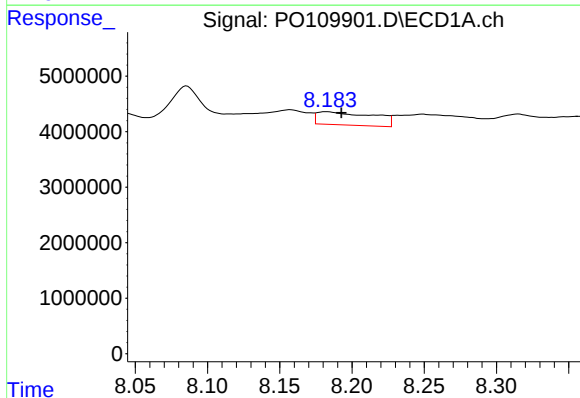
R.T.: 7.684 min
Delta R.T.: -0.012 min
Response: 10181708
Conc: 12.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



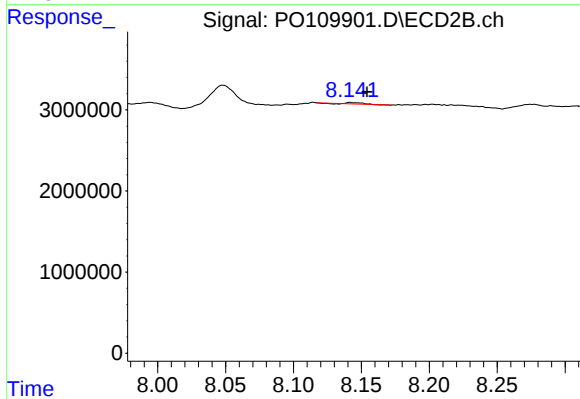
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.012 min
Response: 4600192
Conc: 12.96 ng/ml



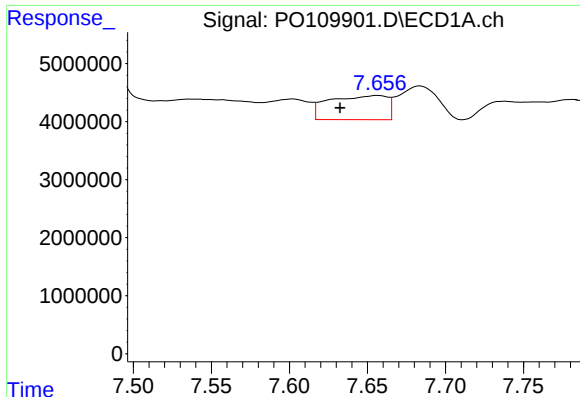
#40 AR-1262-5

R.T.: 8.182 min
Delta R.T.: -0.011 min
Response: 6356826
Conc: 17.03 ng/ml



#40 AR-1262-5

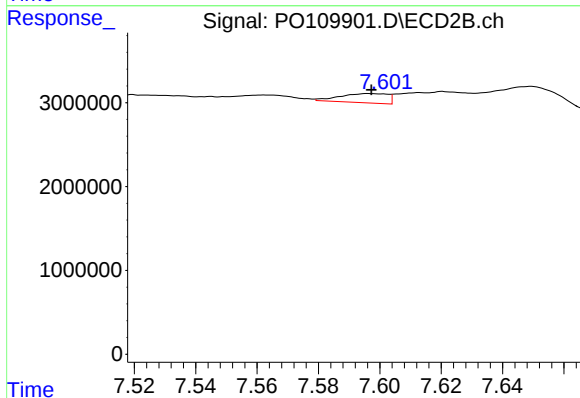
R.T.: 8.142 min
Delta R.T.: -0.012 min
Response: 127044
Conc: 0.89 ng/ml



#41 AR-1268-1

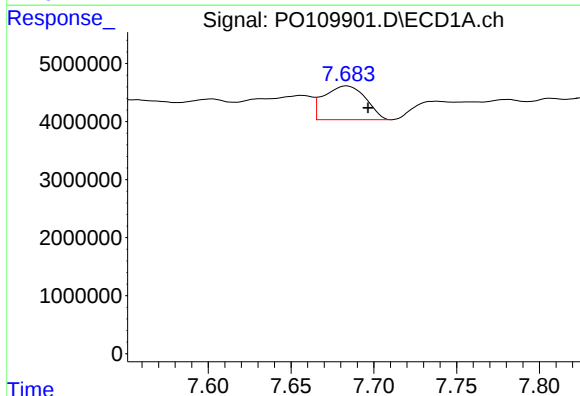
R.T.: 7.657 min
Delta R.T.: 0.024 min
Response: 10772933
Conc: 8.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



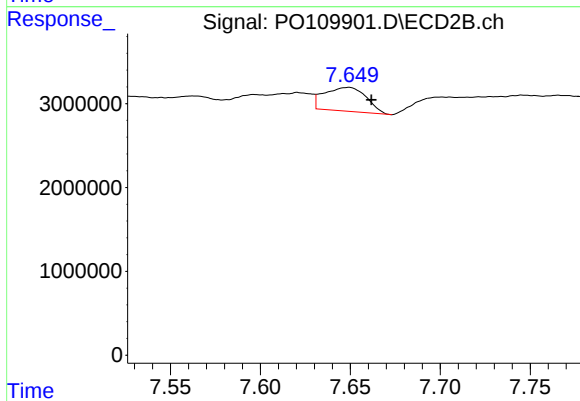
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 1193996
Conc: 2.09 ng/ml



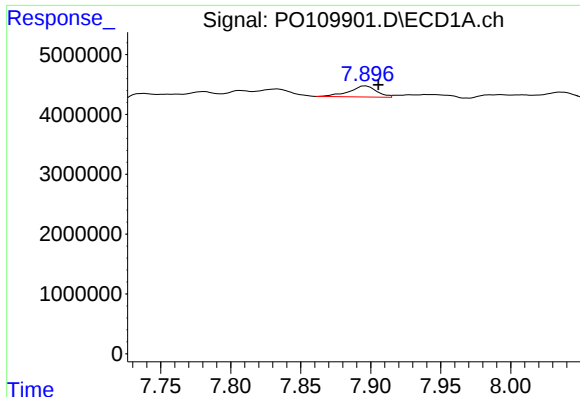
#42 AR-1268-2

R.T.: 7.684 min
Delta R.T.: -0.013 min
Response: 10181708
Conc: 8.42 ng/ml



#42 AR-1268-2

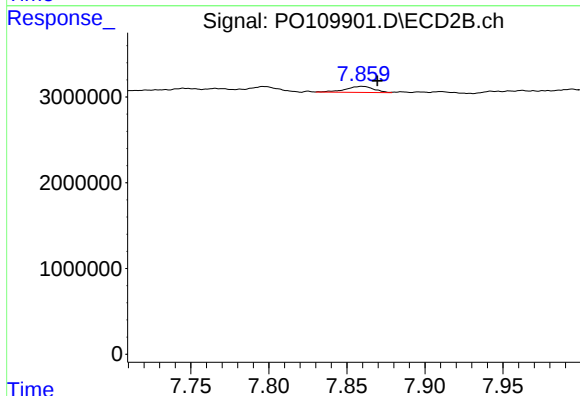
R.T.: 7.649 min
Delta R.T.: -0.013 min
Response: 4600192
Conc: 8.76 ng/ml



#43 AR-1268-3

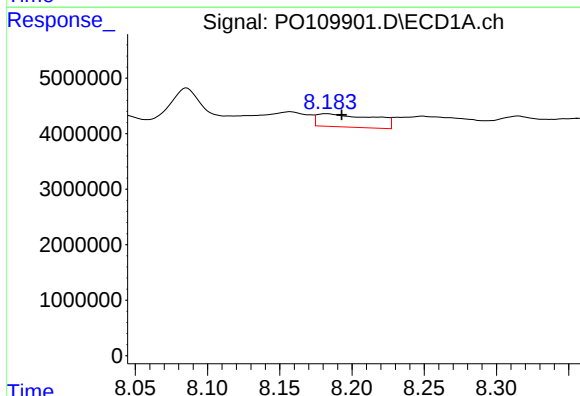
R.T.: 7.896 min
Delta R.T.: -0.009 min
Response: 2511593
Conc: 2.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



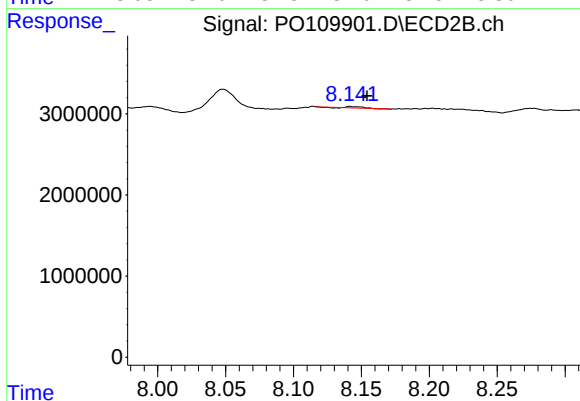
#43 AR-1268-3

R.T.: 7.860 min
Delta R.T.: -0.010 min
Response: 895286
Conc: 2.09 ng/ml



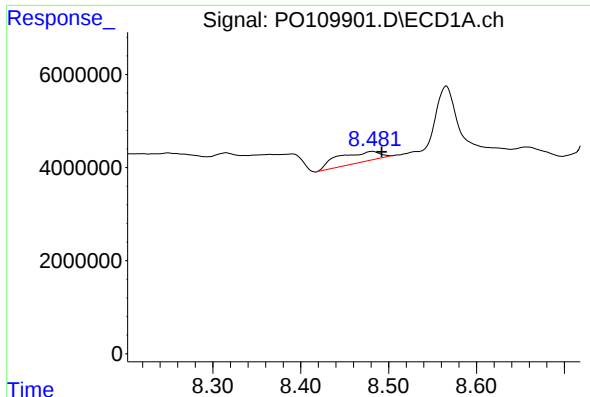
#44 AR-1268-4

R.T.: 8.182 min
Delta R.T.: -0.011 min
Response: 6356826
Conc: 14.96 ng/ml



#44 AR-1268-4

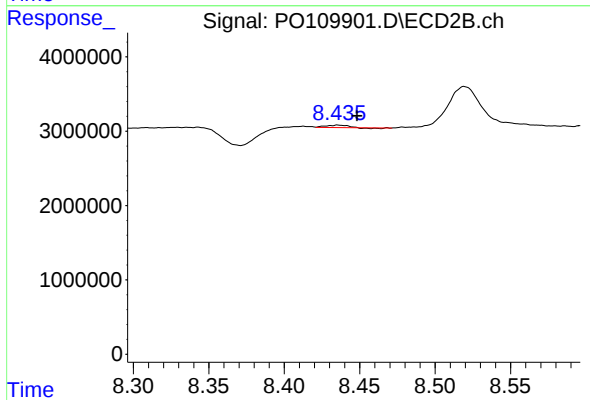
R.T.: 8.142 min
Delta R.T.: -0.012 min
Response: 127044
Conc: 0.79 ng/ml



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 7613553
Conc: 2.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0027



#45 AR-1268-5

R.T.: 8.436 min
Delta R.T.: -0.012 min
Response: 271946
Conc: 0.25 ng/ml