

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
 Data File : PO099147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 19:27
 Operator : YP/AJ
 Sample : 05107-08DL 100X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 02:25:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.454	3.630	8455475	702616	4.279	0.976 #
2)	SA Decachlor...	10.280	8.625	493473	143642	0.436	0.268 #
Target Compounds							
3)	L1 AR-1016-1	5.648	4.710	64539250	27507460	1172.027	1228.343
4)	L1 AR-1016-2	5.670	4.728	87680218	34192636	1060.350	1093.932
5)	L1 AR-1016-3	5.733	4.904	52510805	16068101	1020.179	948.934
6)	L1 AR-1016-4	5.832	4.946	38143210	10757748	938.485	744.082
7)	L1 AR-1016-5	6.127	5.158	25526651	10922464	601.432	584.656
8)	L2 AR-1221-1	4.678	3.841	17621634	7234960	709.741	778.799
9)	L2 AR-1221-2	4.770	3.927	21040710	7028847	1137.380	1084.076
10)	L2 AR-1221-3	4.847	4.003	81187628	29502440	1498.572	1458.559
11)	L3 AR-1232-1	4.847	4.003	81187628	29502440	1774.683	1721.104
12)	L3 AR-1232-2	5.379	4.728	72288336	34192636	3061.187	2231.895 #
13)	L3 AR-1232-3	5.670	4.904	87680218	16068101	2220.189	2008.141
14)	L3 AR-1232-4	5.832	4.987	38143210	11641066	1999.236	1513.050
15)	L3 AR-1232-5	5.923	5.158	23824466	10922464	1430.197	1284.153
16)	L4 AR-1242-1	5.648	4.710	64539250	27507460	1490.781	1565.603
17)	L4 AR-1242-2	5.670	4.728	87680218	34192636	1368.992	1410.952
18)	L4 AR-1242-3	5.733	4.904	52510805	16068101	1305.405	1253.295
19)	L4 AR-1242-4	5.832	4.987	38143210	11641066	1218.910	826.971 #
20)	L4 AR-1242-5	6.572	5.510	5091549	2820212	165.050	168.762
21)	L5 AR-1248-1	5.648	4.710	64539250	27507460	1899.740	1984.669
22)	L5 AR-1248-2	5.923	4.946	23824466	10757748	455.245	541.581
23)	L5 AR-1248-3	6.127	4.987	25526651	11641066	448.011	558.229
24)	L5 AR-1248-4	6.533	5.158	3982577	10922464	73.032	444.301 #
25)	L5 AR-1248-5	6.572	5.554	5091549	2279219	89.630	104.944
26)	L6 AR-1254-1	6.504	5.510	5212136	2820212	79.179	79.592
27)	L6 AR-1254-2	6.727	5.658	3346832	698335	34.766	21.834 #
28)	L6 AR-1254-3	7.093	6.061	1021286	494829	11.426	10.122
29)	L6 AR-1254-4	7.380	6.289	636057	363382	11.610	13.866
30)	L6 AR-1254-5	7.801	6.708	777739	355505	11.550	8.433 #
31)	L7 AR-1260-1	7.255	6.198	214004	205348	2.986	5.821 #
32)	L7 AR-1260-2	7.514	6.380	524680	210159	6.650	5.243
33)	L7 AR-1260-3	7.878	6.532	37803	196408	0.692	5.194 #
34)	L7 AR-1260-4	8.102	7.009	196043	34471	3.129	1.193 #
35)	L7 AR-1260-5	8.423	7.246	1035478	171117	9.676	2.843 #
36)	L8 AR-1262-1	7.878	6.740	37803	72253	0.418	1.540 #
37)	L8 AR-1262-2	8.423	7.009	1035478	34471	7.768	0.830 #
38)	L8 AR-1262-3	8.742	7.526	48314	160939	0.491	5.038 #
39)	L8 AR-1262-4	8.828	7.589	70521	136791	0.880	2.488 #
40)	L8 AR-1262-5	9.510	8.087	77044	30868	1.753	1.229 #
41)	L9 AR-1268-1	8.742	7.526	48314	160939	0.280	1.804 #

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Acq On : 30 Oct 2023 19:27
Operator : YP/AJ
Sample : 05107-08DL 100X
Misc :
ALS Vial : 24 Sample Multiplier: 1

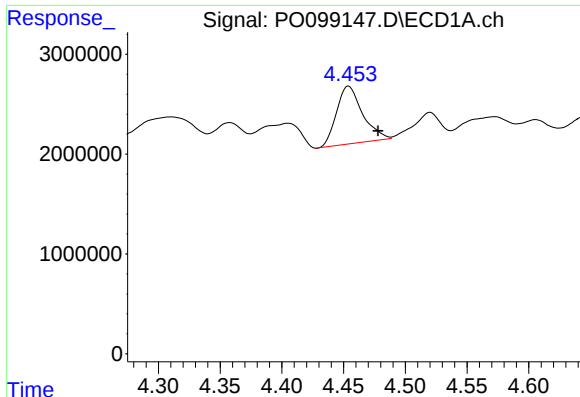
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 02:25:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
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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	8.851	7.589	129819	136791	0.828	1.732 #
43)	L9 AR-1268-3	9.065	7.818	149228	123722	1.064	1.757 #
44)	L9 AR-1268-4	9.510	8.087	77044	30868	1.536	1.120 #
45)	L9 AR-1268-5	9.935	8.379	40233	82698	0.098	0.434 #

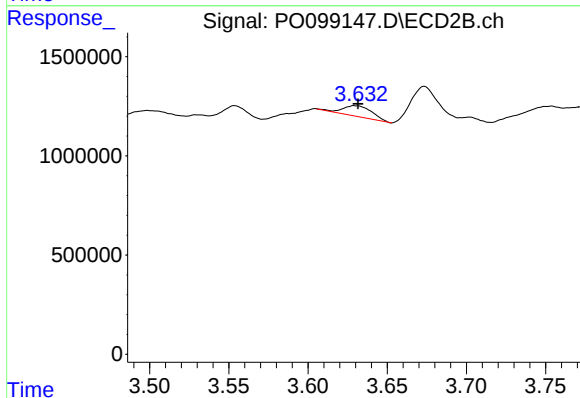
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

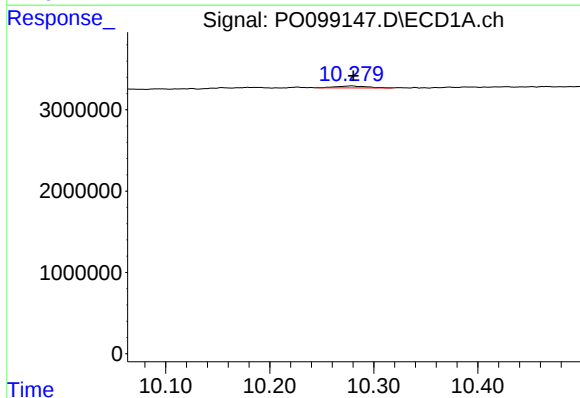
R.T.: 4.454 min
Delta R.T.: -0.024 min
Response: 8455475
Conc: 4.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



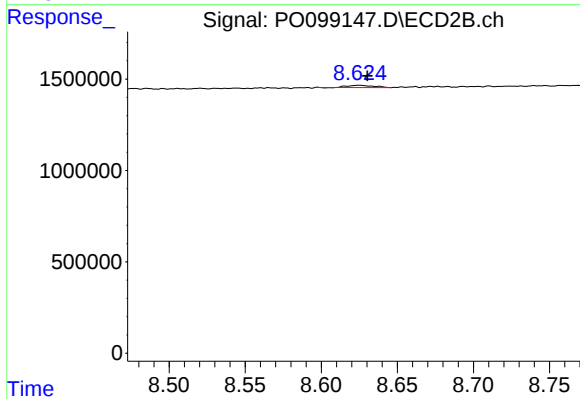
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.002 min
Response: 702616
Conc: 0.98 ng/ml



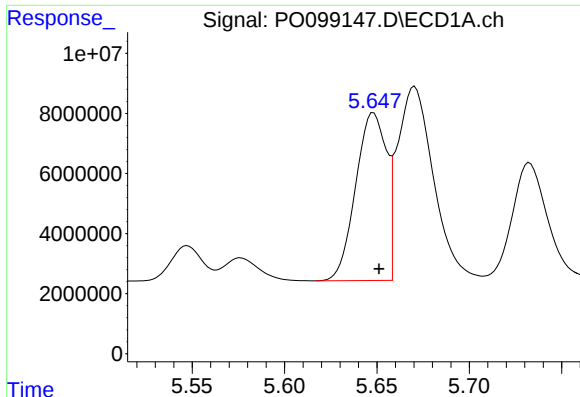
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 493473
Conc: 0.44 ng/ml



#2 Decachlorobiphenyl

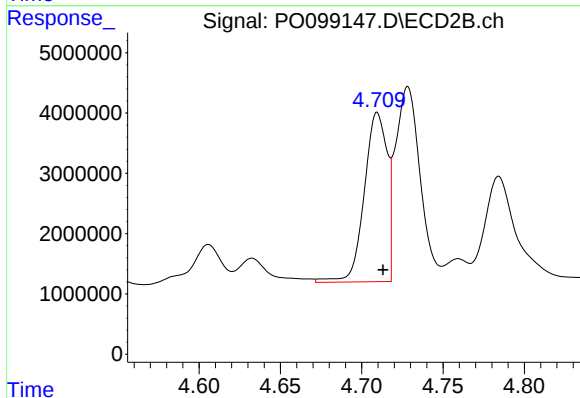
R.T.: 8.625 min
Delta R.T.: -0.005 min
Response: 143642
Conc: 0.27 ng/ml



#3 AR-1016-1

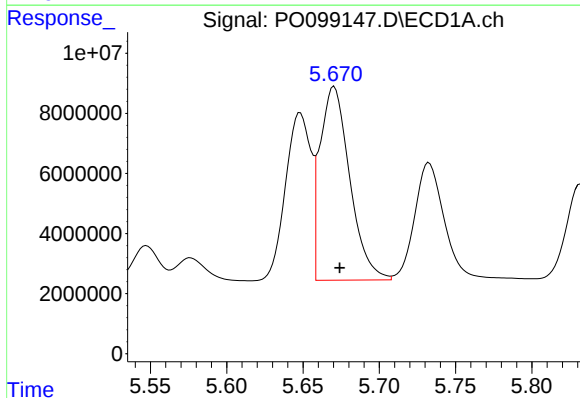
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 64539250
Conc: 1172.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



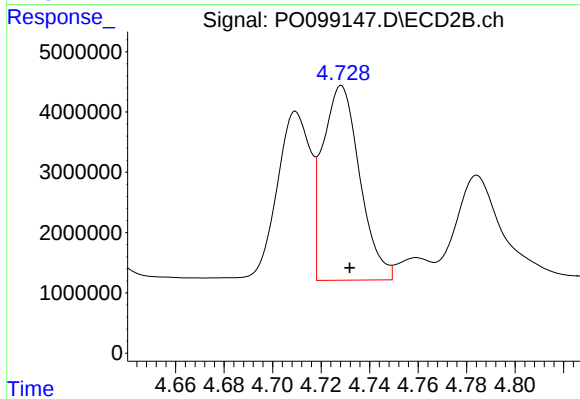
#3 AR-1016-1

R.T.: 4.710 min
Delta R.T.: -0.004 min
Response: 27507460
Conc: 1228.34 ng/ml



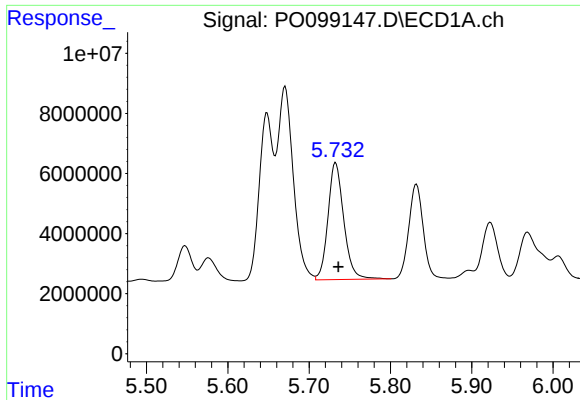
#4 AR-1016-2

R.T.: 5.670 min
Delta R.T.: -0.004 min
Response: 87680218
Conc: 1060.35 ng/ml



#4 AR-1016-2

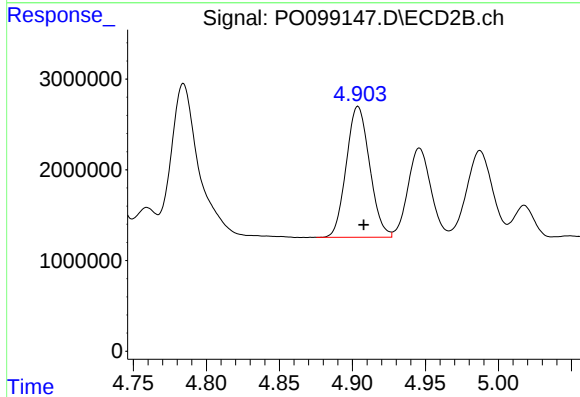
R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 34192636
Conc: 1093.93 ng/ml



#5 AR-1016-3

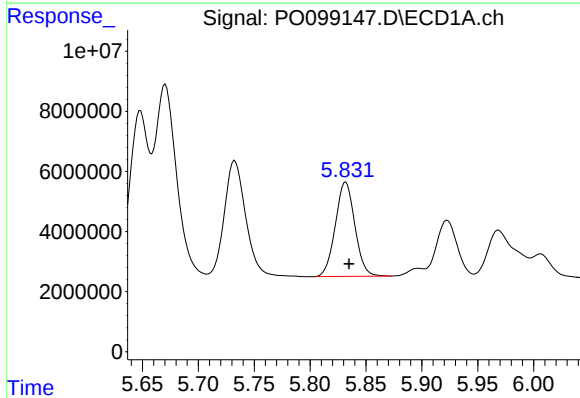
R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 52510805
Conc: 1020.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



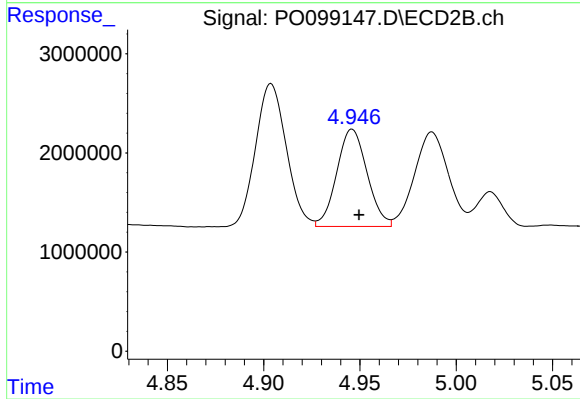
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.004 min
Response: 16068101
Conc: 948.93 ng/ml



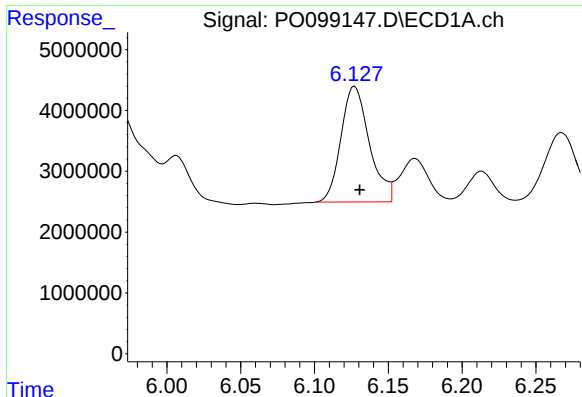
#6 AR-1016-4

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 38143210
Conc: 938.48 ng/ml



#6 AR-1016-4

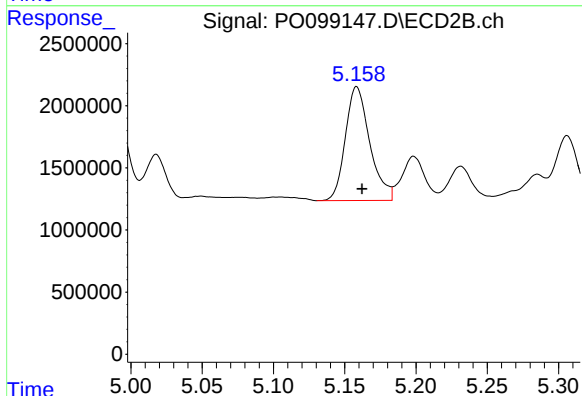
R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 10757748
Conc: 744.08 ng/ml



#7 AR-1016-5

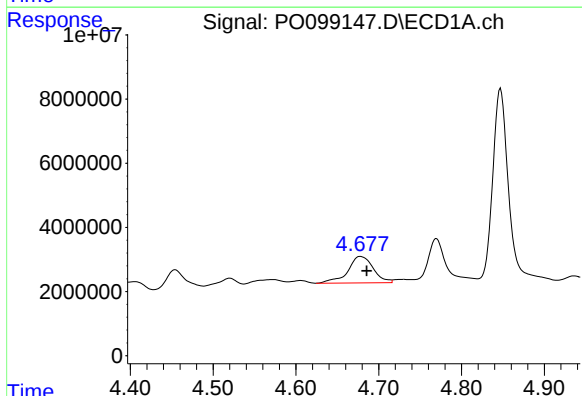
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 25526651
Conc: 601.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



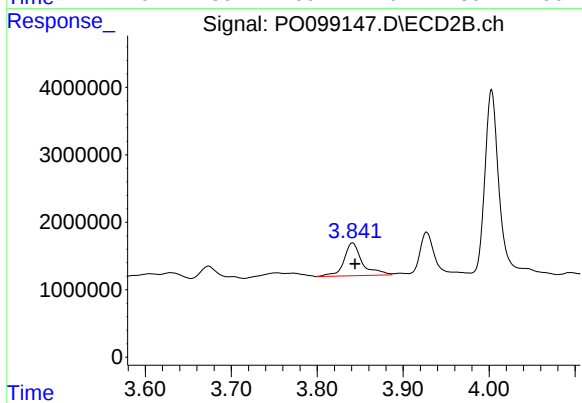
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.004 min
Response: 10922464
Conc: 584.66 ng/ml



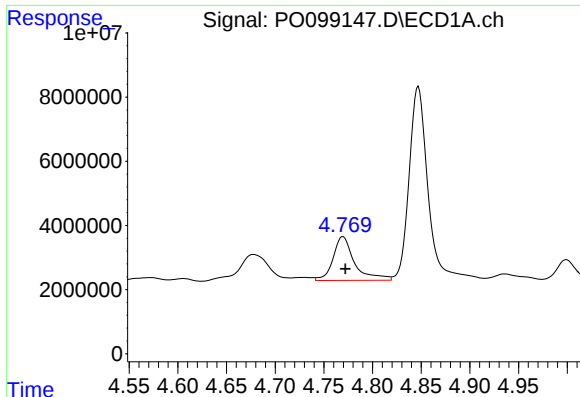
#8 AR-1221-1

R.T.: 4.678 min
Delta R.T.: -0.008 min
Response: 17621634
Conc: 709.74 ng/ml



#8 AR-1221-1

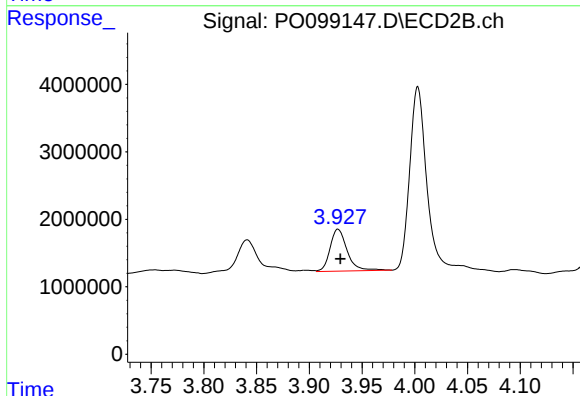
R.T.: 3.841 min
Delta R.T.: -0.003 min
Response: 7234960
Conc: 778.80 ng/ml



#9 AR-1221-2

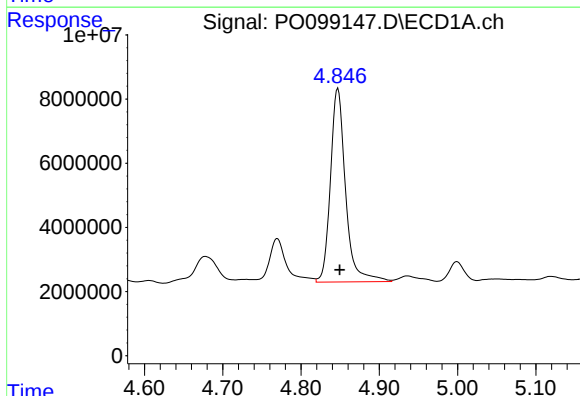
R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 21040710
Conc: 1137.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



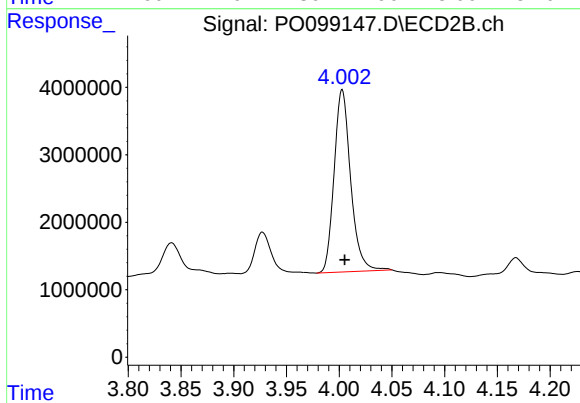
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 7028847
Conc: 1084.08 ng/ml



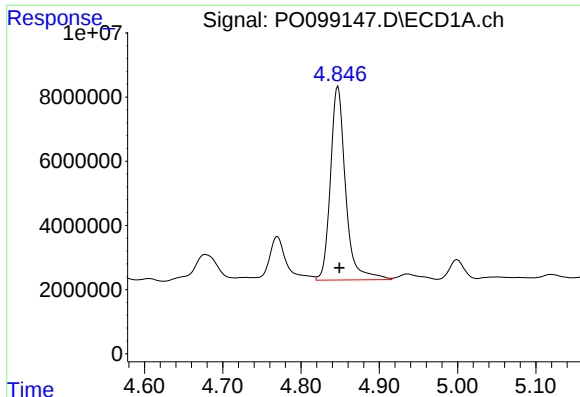
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 81187628
Conc: 1498.57 ng/ml



#10 AR-1221-3

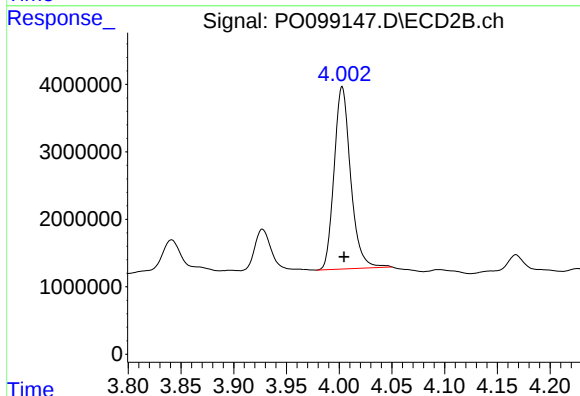
R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 29502440
Conc: 1458.56 ng/ml



#11 AR-1232-1

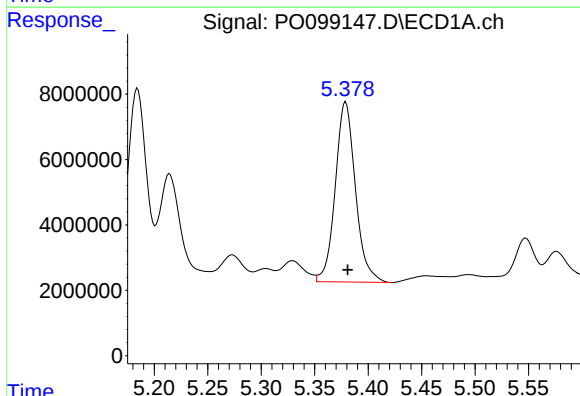
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 81187628
Conc: 1774.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



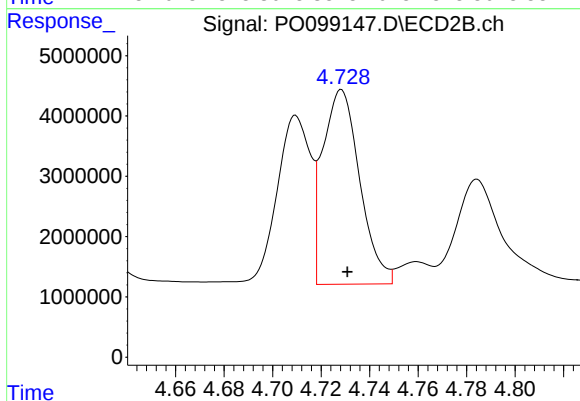
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 29502440
Conc: 1721.10 ng/ml



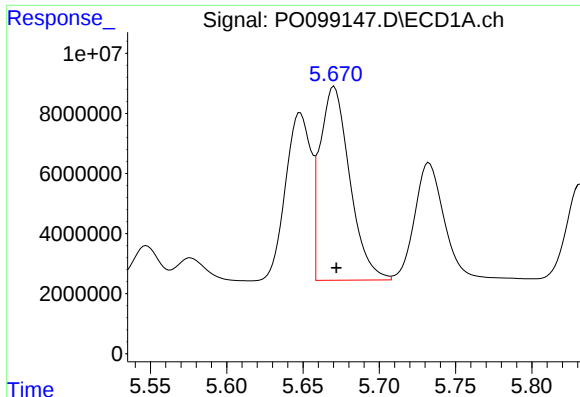
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 72288336
Conc: 3061.19 ng/ml



#12 AR-1232-2

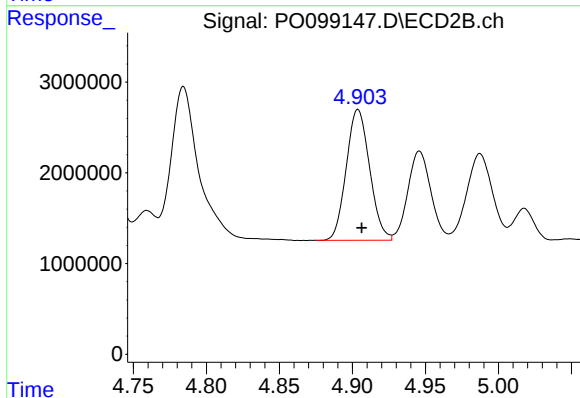
R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 34192636
Conc: 2231.90 ng/ml



#13 AR-1232-3

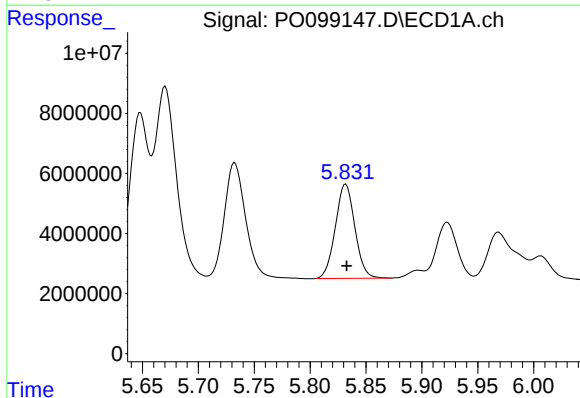
R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 87680218
Conc: 2220.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



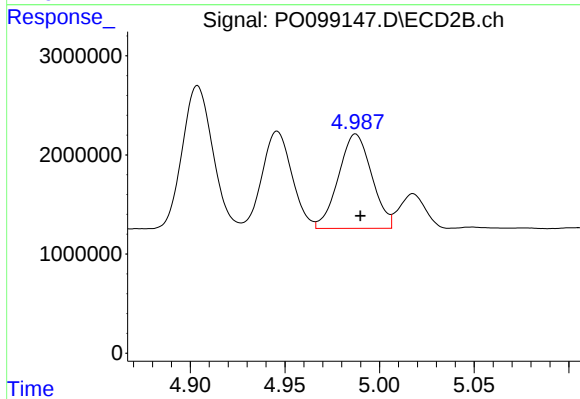
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 16068101
Conc: 2008.14 ng/ml



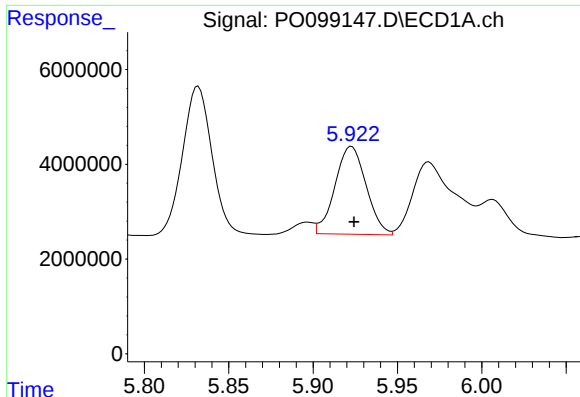
#14 AR-1232-4

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 38143210
Conc: 1999.24 ng/ml



#14 AR-1232-4

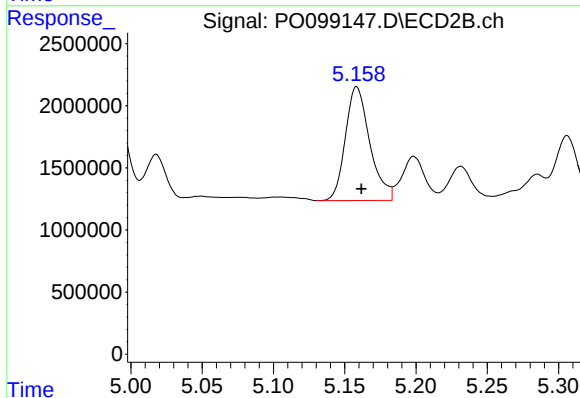
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 11641066
Conc: 1513.05 ng/ml



#15 AR-1232-5

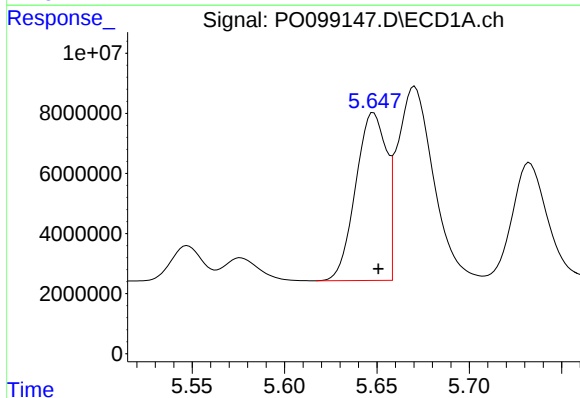
R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 23824466
Conc: 1430.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



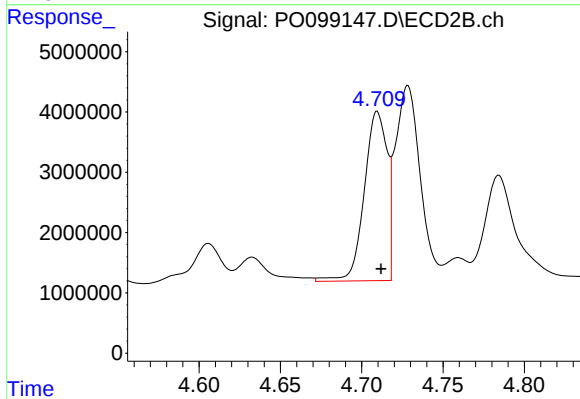
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 10922464
Conc: 1284.15 ng/ml



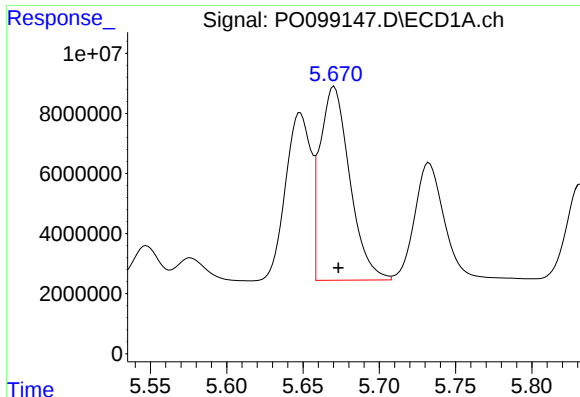
#16 AR-1242-1

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 64539250
Conc: 1490.78 ng/ml



#16 AR-1242-1

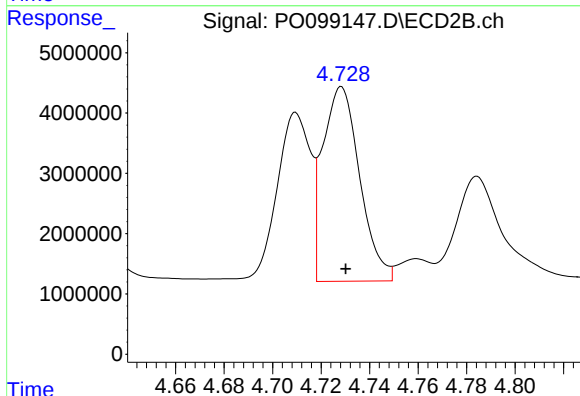
R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 27507460
Conc: 1565.60 ng/ml



#17 AR-1242-2

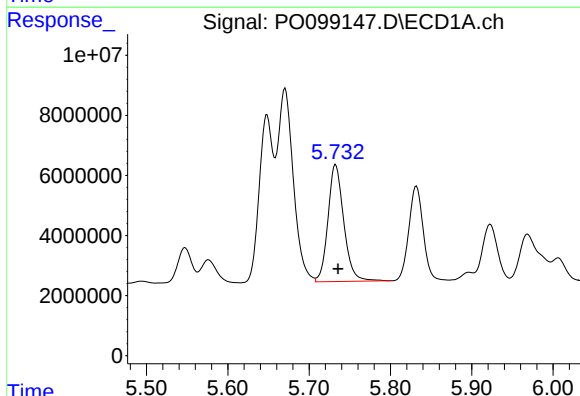
R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 87680218
Conc: 1368.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



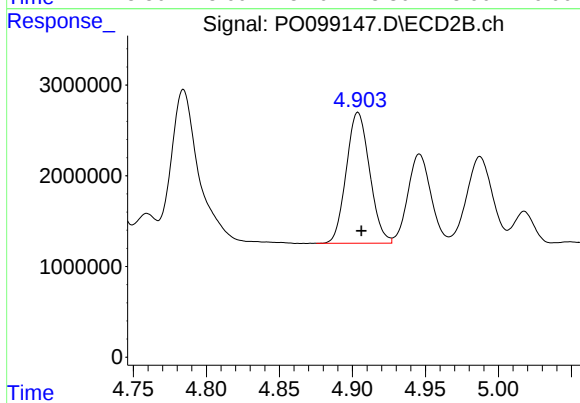
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 34192636
Conc: 1410.95 ng/ml



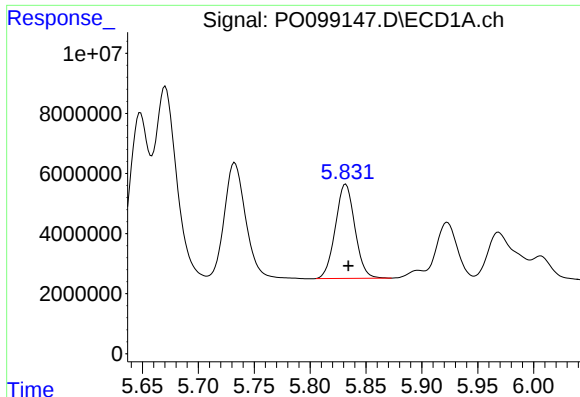
#18 AR-1242-3

R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 52510805
Conc: 1305.40 ng/ml



#18 AR-1242-3

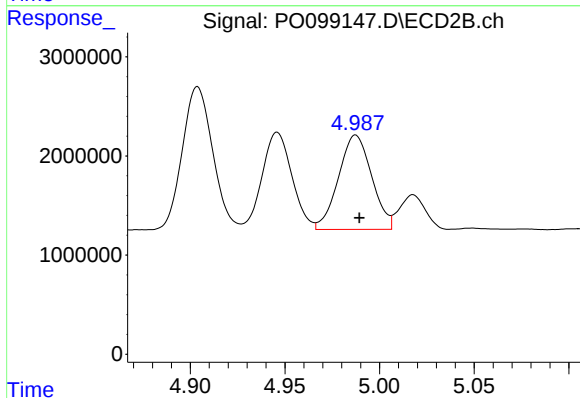
R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 16068101
Conc: 1253.29 ng/ml



#19 AR-1242-4

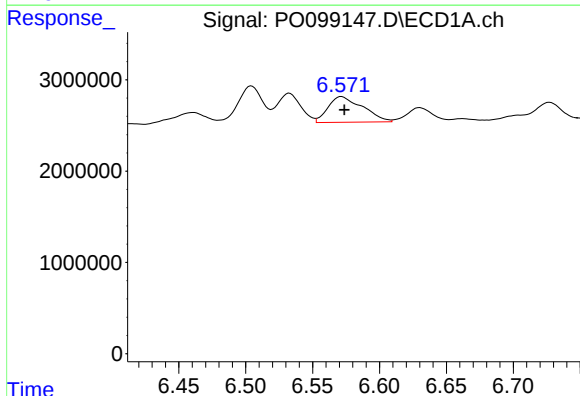
R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 38143210
Conc: 1218.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



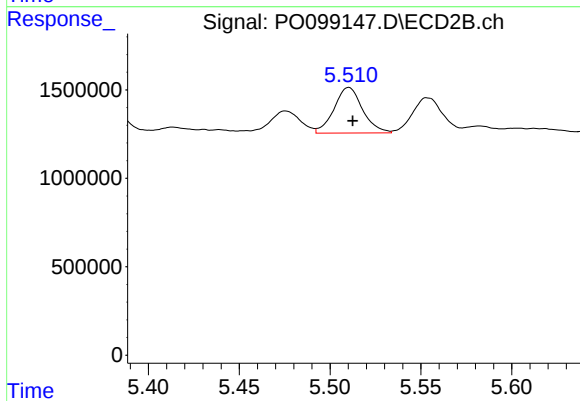
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 11641066
Conc: 826.97 ng/ml



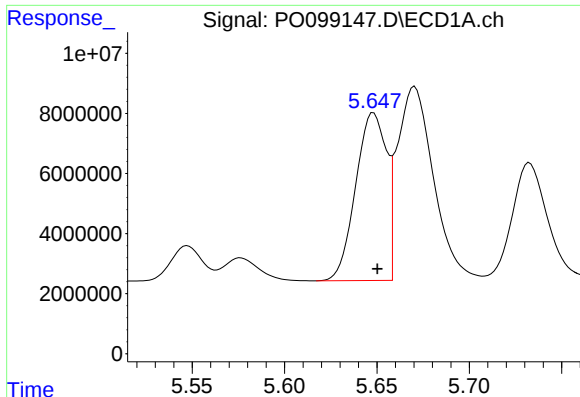
#20 AR-1242-5

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 5091549
Conc: 165.05 ng/ml



#20 AR-1242-5

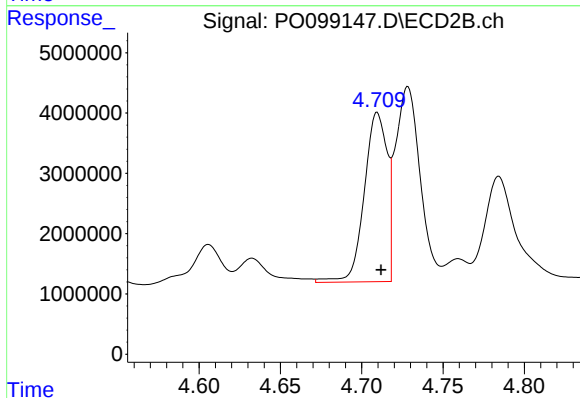
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 2820212
Conc: 168.76 ng/ml



#21 AR-1248-1

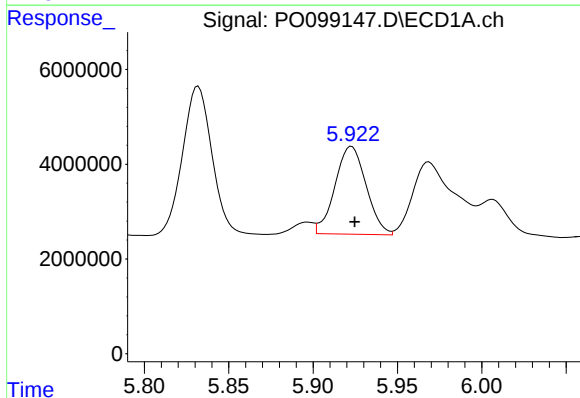
R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 64539250
Conc: 1899.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



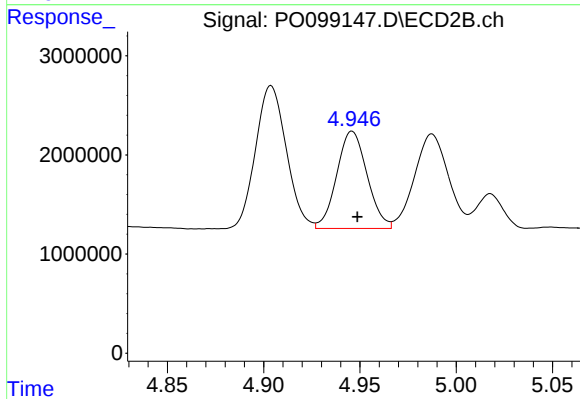
#21 AR-1248-1

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 27507460
Conc: 1984.67 ng/ml



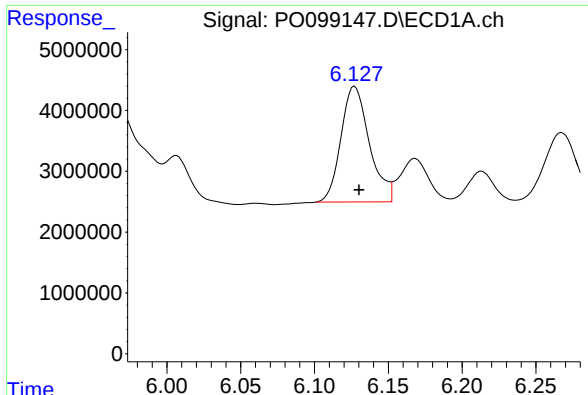
#22 AR-1248-2

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 23824466
Conc: 455.25 ng/ml



#22 AR-1248-2

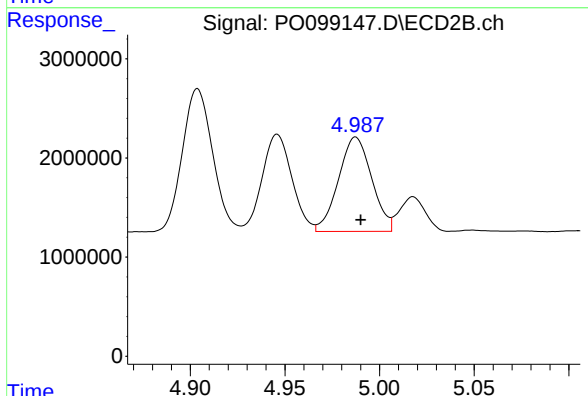
R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 10757748
Conc: 541.58 ng/ml



#23 AR-1248-3

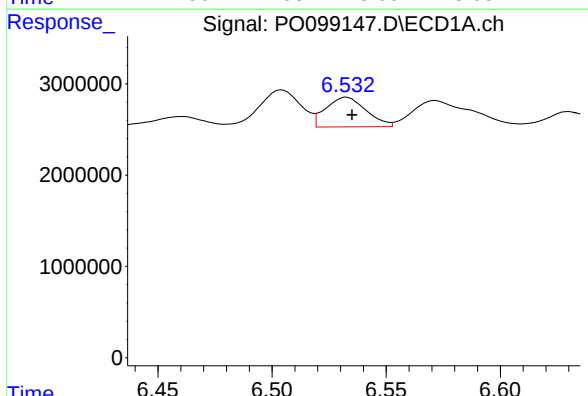
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 25526651
Conc: 448.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



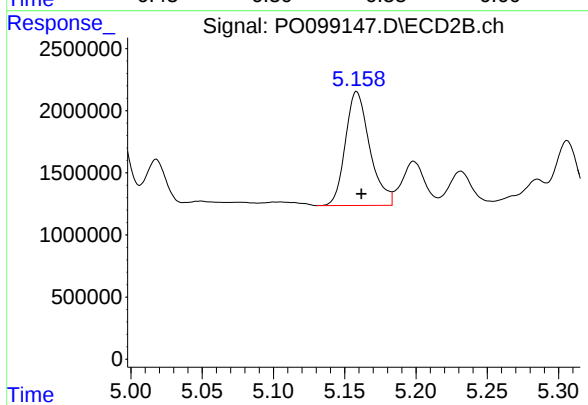
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 11641066
Conc: 558.23 ng/ml



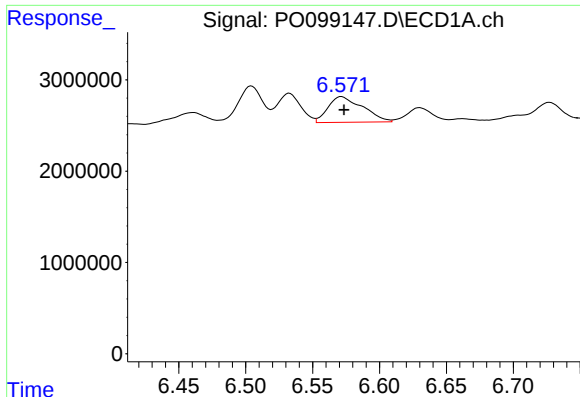
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 3982577
Conc: 73.03 ng/ml



#24 AR-1248-4

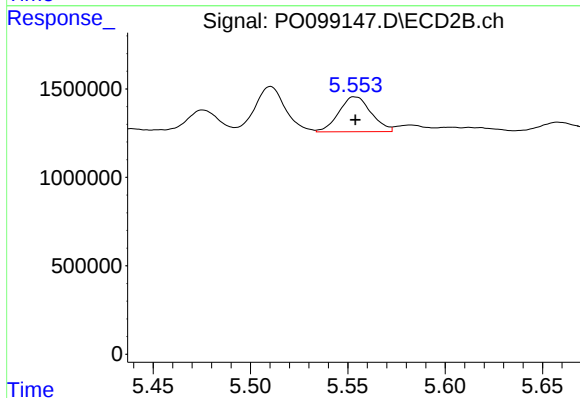
R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 10922464
Conc: 444.30 ng/ml



#25 AR-1248-5

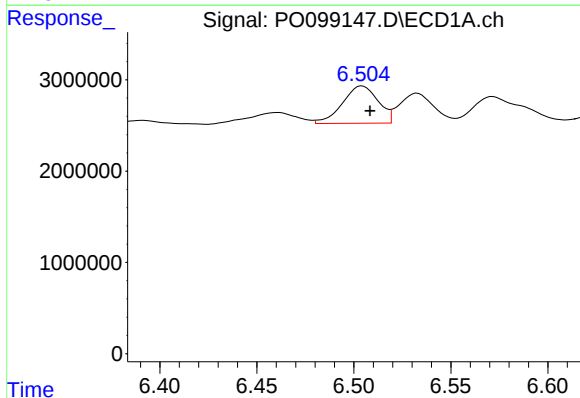
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 5091549
Conc: 89.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



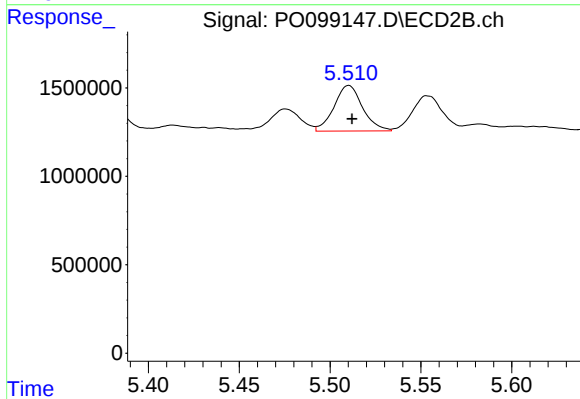
#25 AR-1248-5

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 2279219
Conc: 104.94 ng/ml



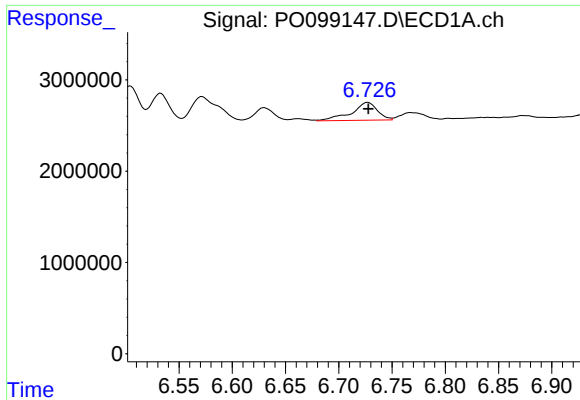
#26 AR-1254-1

R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 5212136
Conc: 79.18 ng/ml



#26 AR-1254-1

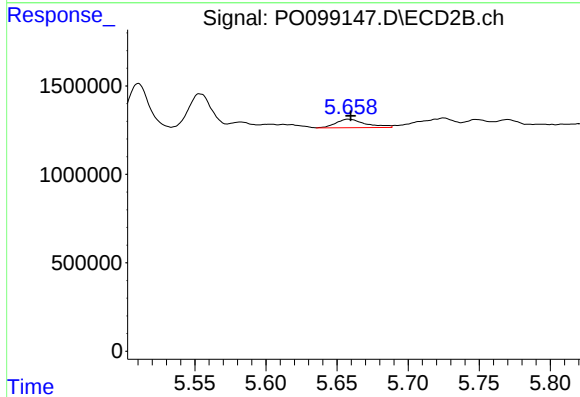
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 2820212
Conc: 79.59 ng/ml



#27 AR-1254-2

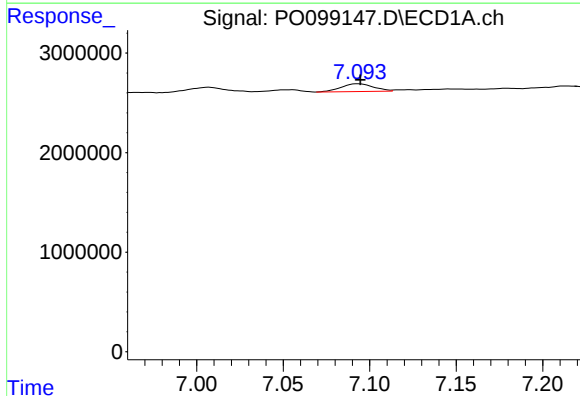
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 3346832
Conc: 34.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



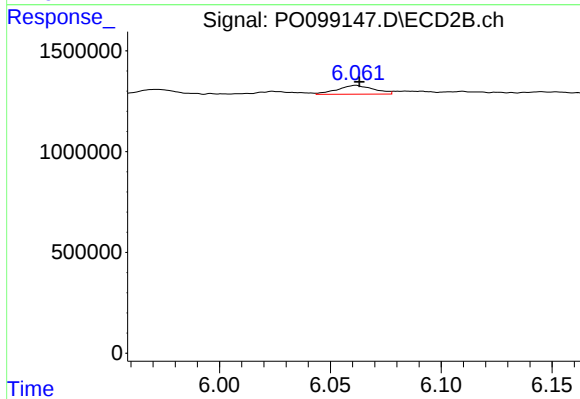
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 698335
Conc: 21.83 ng/ml



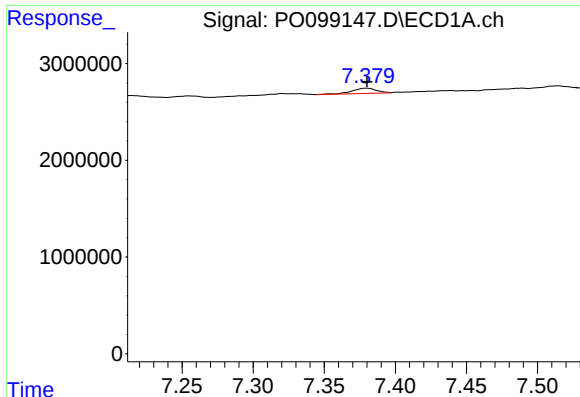
#28 AR-1254-3

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 1021286
Conc: 11.43 ng/ml



#28 AR-1254-3

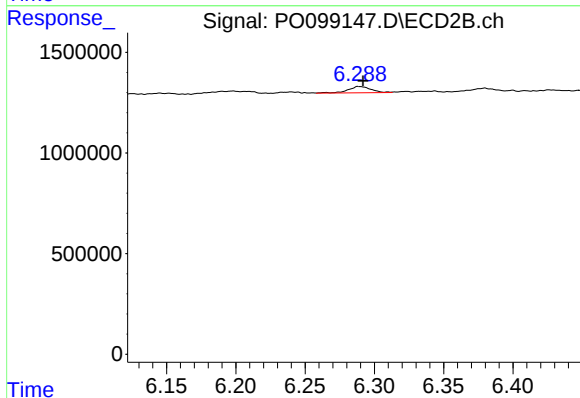
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 494829
Conc: 10.12 ng/ml



#29 AR-1254-4

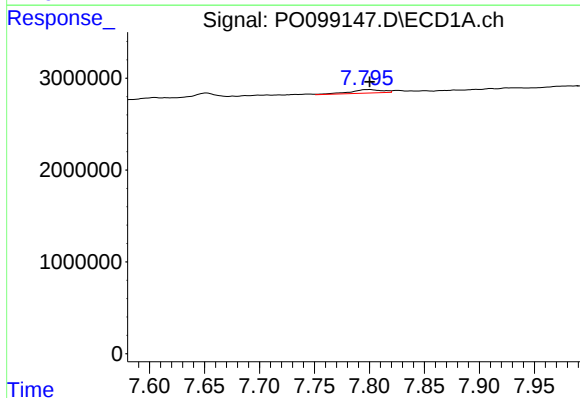
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 636057
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



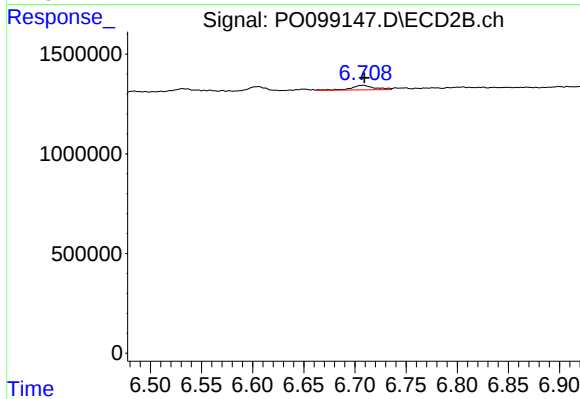
#29 AR-1254-4

R.T.: 6.289 min
Delta R.T.: -0.003 min
Response: 363382
Conc: 13.87 ng/ml



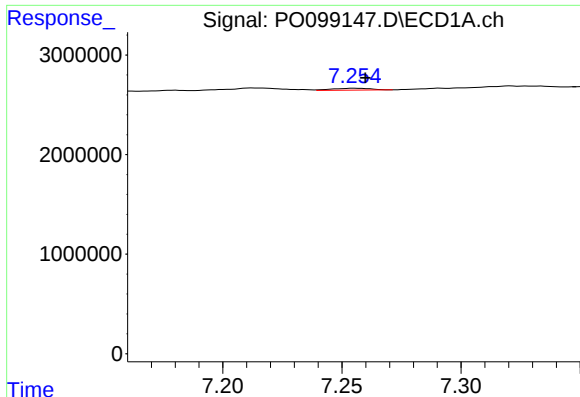
#30 AR-1254-5

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 777739
Conc: 11.55 ng/ml



#30 AR-1254-5

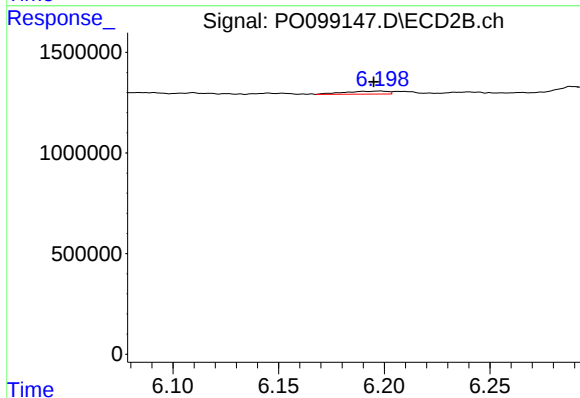
R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 355505
Conc: 8.43 ng/ml



#31 AR-1260-1

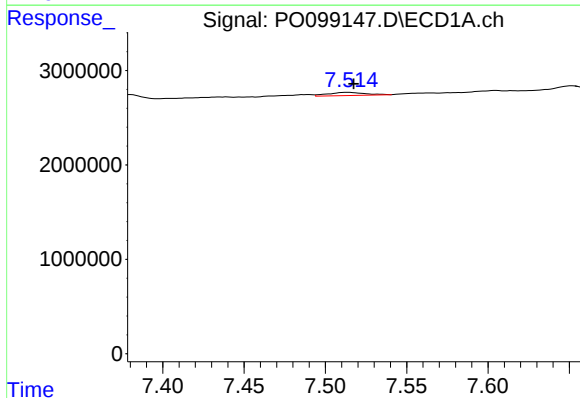
R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 214004
Conc: 2.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



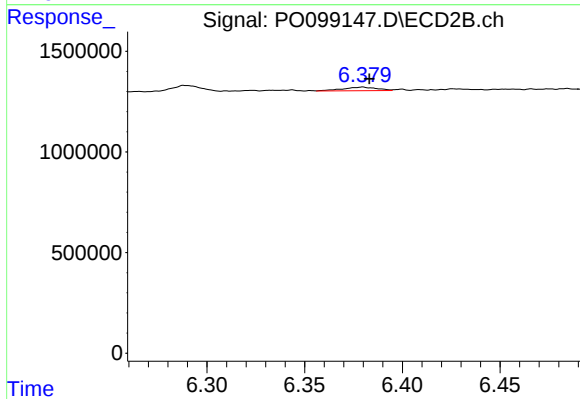
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 205348
Conc: 5.82 ng/ml



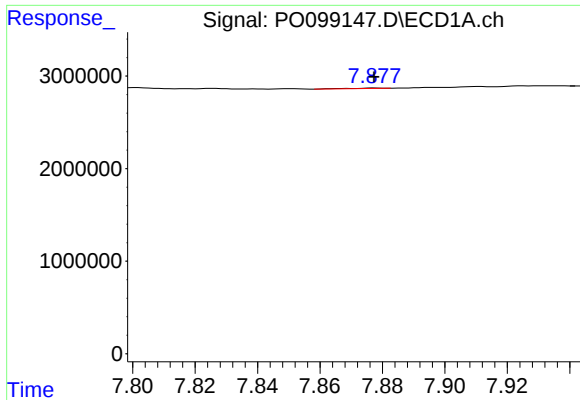
#32 AR-1260-2

R.T.: 7.514 min
Delta R.T.: -0.003 min
Response: 524680
Conc: 6.65 ng/ml



#32 AR-1260-2

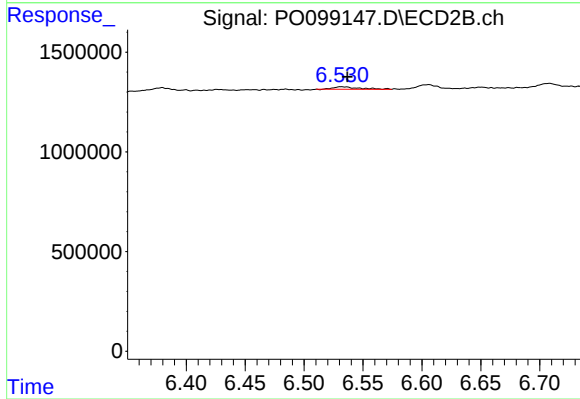
R.T.: 6.380 min
Delta R.T.: -0.004 min
Response: 210159
Conc: 5.24 ng/ml



#33 AR-1260-3

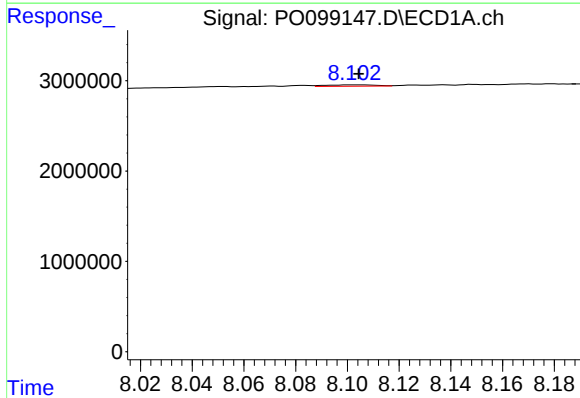
R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 37803
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



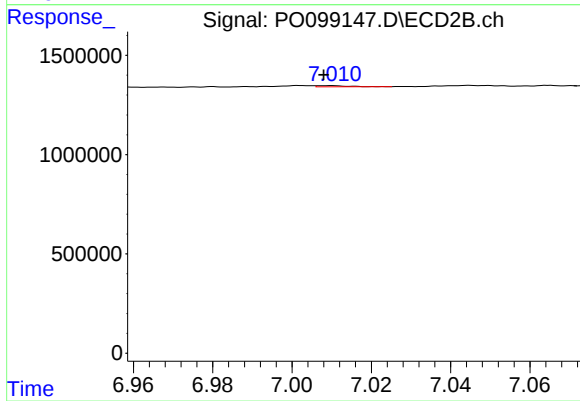
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.005 min
Response: 196408
Conc: 5.19 ng/ml



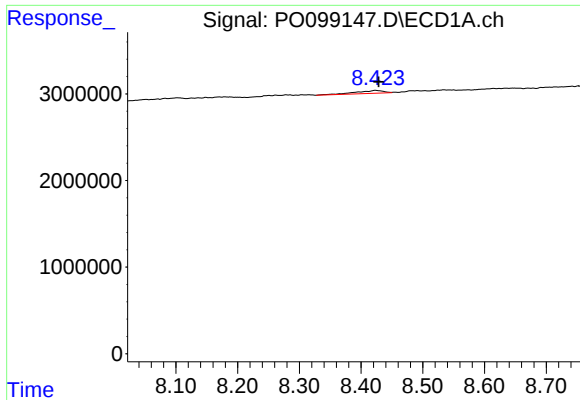
#34 AR-1260-4

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 196043
Conc: 3.13 ng/ml



#34 AR-1260-4

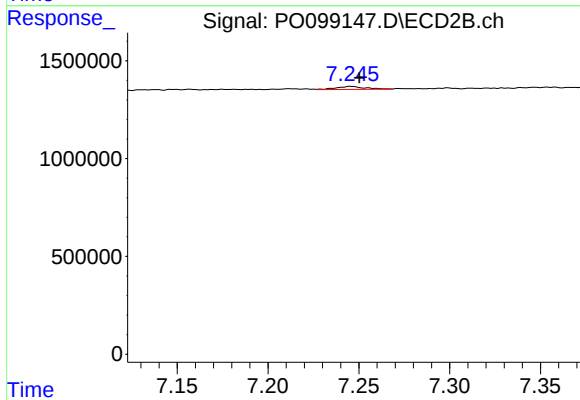
R.T.: 7.009 min
Delta R.T.: 0.001 min
Response: 34471
Conc: 1.19 ng/ml



#35 AR-1260-5

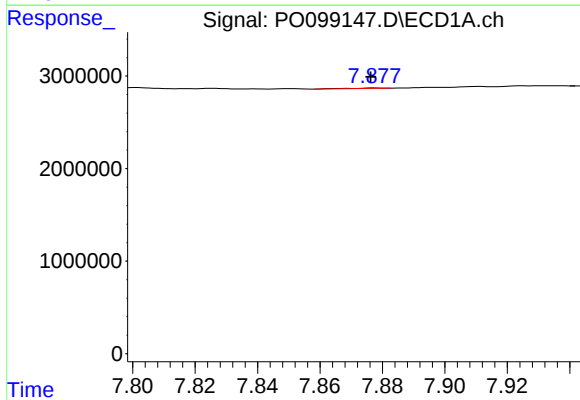
R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 1035478
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



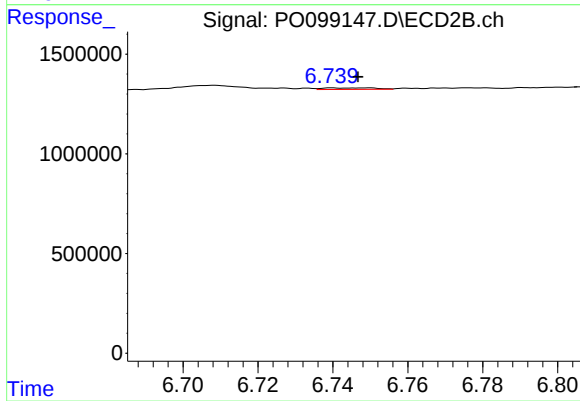
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.005 min
Response: 171117
Conc: 2.84 ng/ml



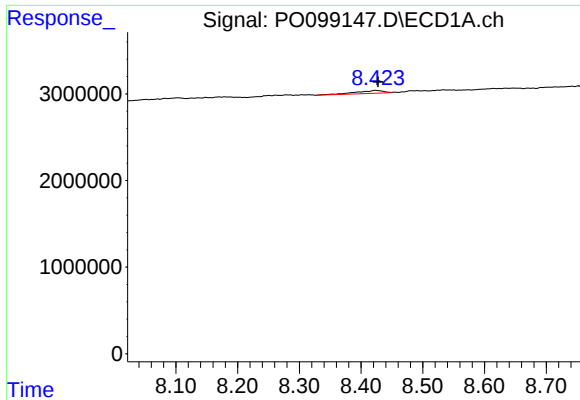
#36 AR-1262-1

R.T.: 7.878 min
Delta R.T.: 0.001 min
Response: 37803
Conc: 0.42 ng/ml



#36 AR-1262-1

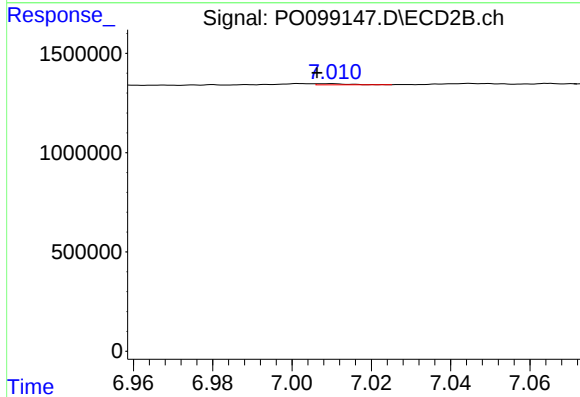
R.T.: 6.740 min
Delta R.T.: -0.007 min
Response: 72253
Conc: 1.54 ng/ml



#37 AR-1262-2

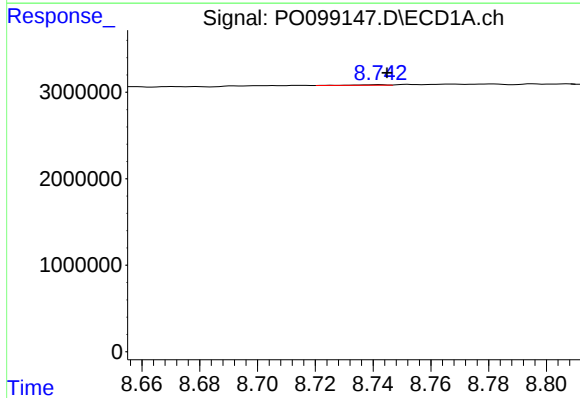
R.T.: 8.423 min
Delta R.T.: -0.004 min
Response: 1035478
Conc: 7.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



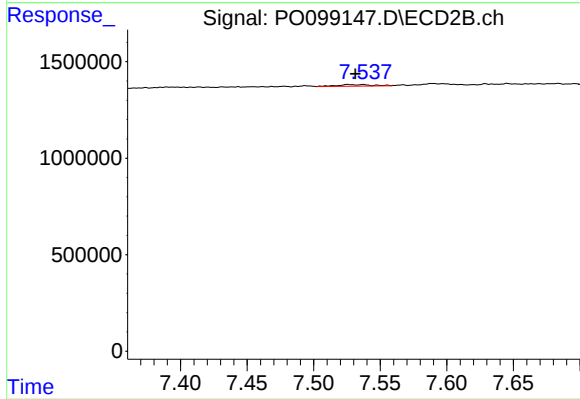
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: 0.003 min
Response: 34471
Conc: 0.83 ng/ml



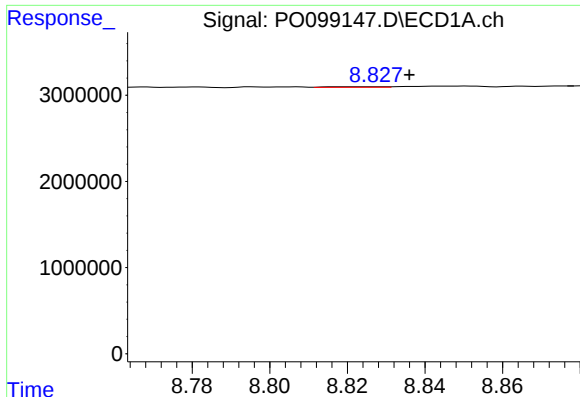
#38 AR-1262-3

R.T.: 8.742 min
Delta R.T.: -0.003 min
Response: 48314
Conc: 0.49 ng/ml



#38 AR-1262-3

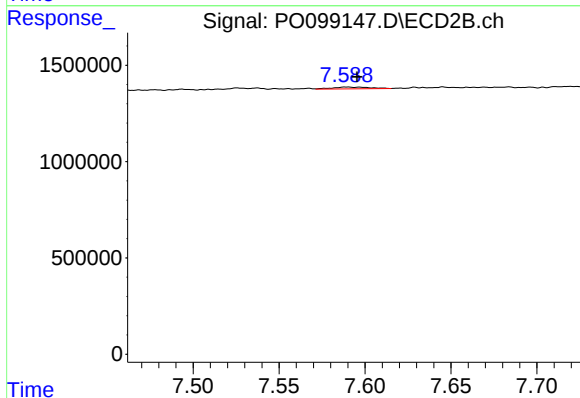
R.T.: 7.526 min
Delta R.T.: -0.006 min
Response: 160939
Conc: 5.04 ng/ml



#39 AR-1262-4

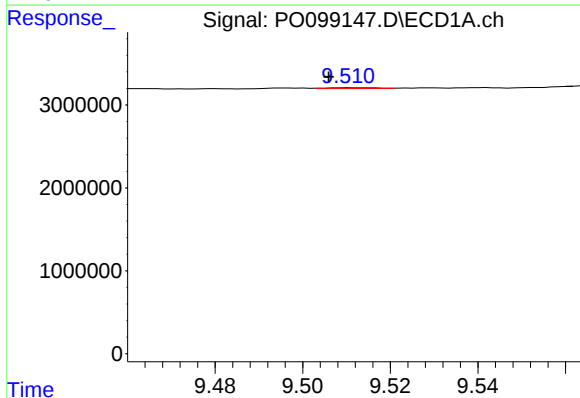
R.T.: 8.828 min
Delta R.T.: -0.008 min
Response: 70521
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



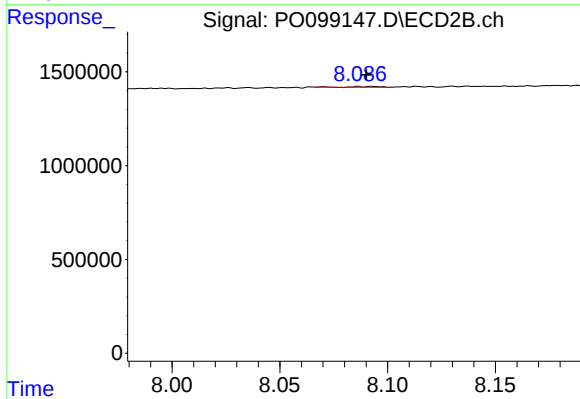
#39 AR-1262-4

R.T.: 7.589 min
Delta R.T.: -0.006 min
Response: 136791
Conc: 2.49 ng/ml



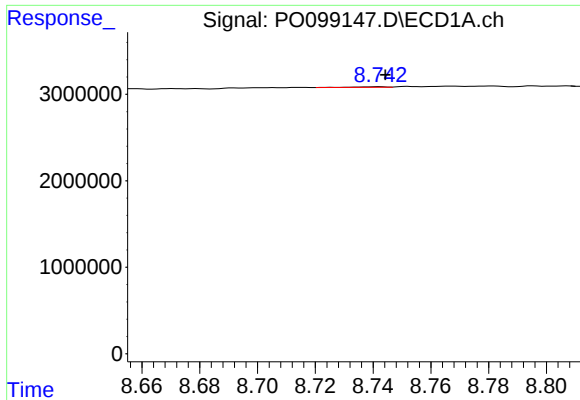
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: 0.004 min
Response: 77044
Conc: 1.75 ng/ml



#40 AR-1262-5

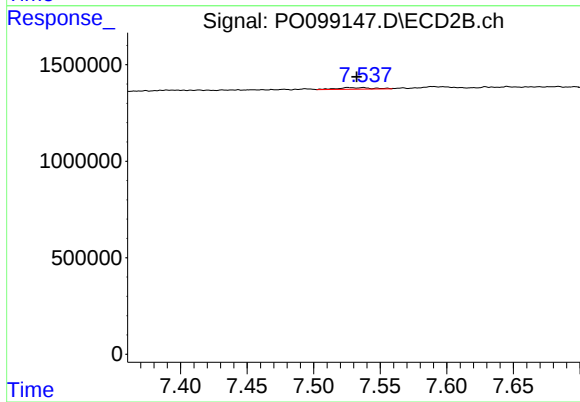
R.T.: 8.087 min
Delta R.T.: -0.004 min
Response: 30868
Conc: 1.23 ng/ml



#41 AR-1268-1

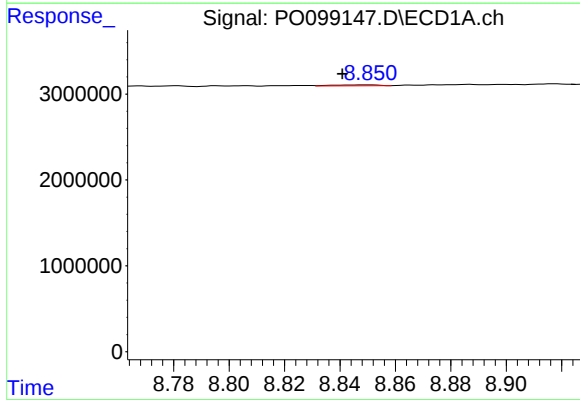
R.T.: 8.742 min
Delta R.T.: -0.002 min
Response: 48314
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



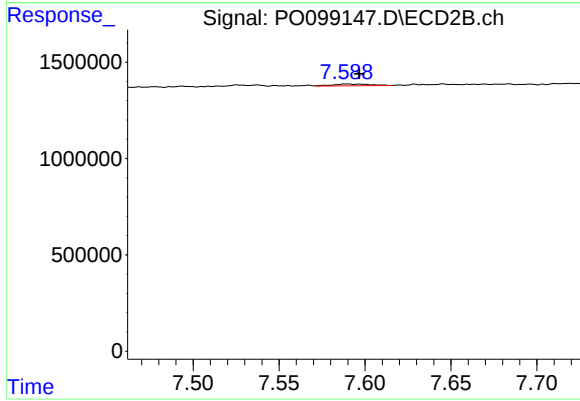
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: -0.006 min
Response: 160939
Conc: 1.80 ng/ml



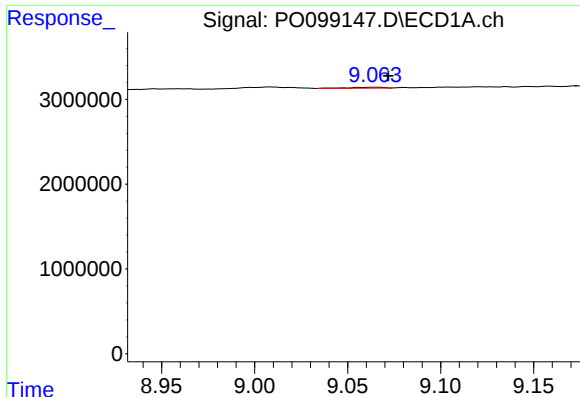
#42 AR-1268-2

R.T.: 8.851 min
Delta R.T.: 0.010 min
Response: 129819
Conc: 0.83 ng/ml



#42 AR-1268-2

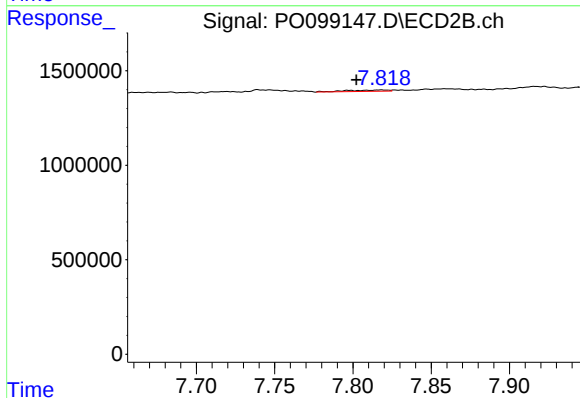
R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 136791
Conc: 1.73 ng/ml



#43 AR-1268-3

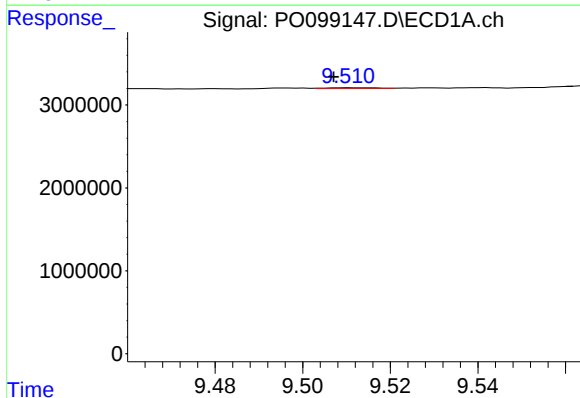
R.T.: 9.065 min
Delta R.T.: -0.007 min
Response: 149228
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



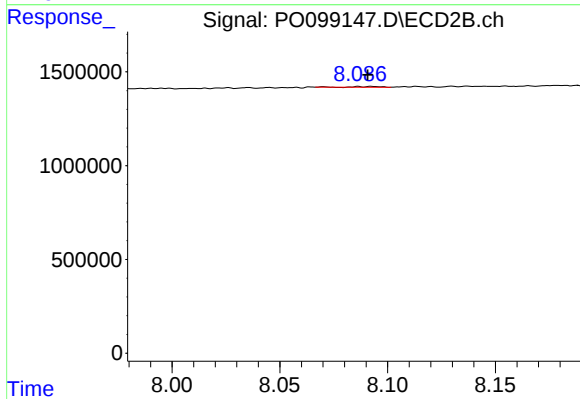
#43 AR-1268-3

R.T.: 7.818 min
Delta R.T.: 0.016 min
Response: 123722
Conc: 1.76 ng/ml



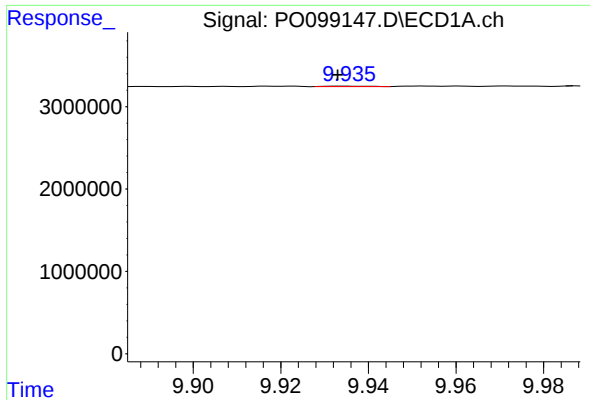
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.003 min
Response: 77044
Conc: 1.54 ng/ml



#44 AR-1268-4

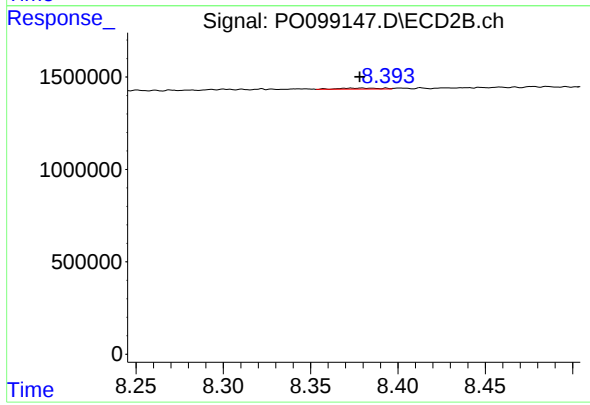
R.T.: 8.087 min
Delta R.T.: -0.004 min
Response: 30868
Conc: 1.12 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.002 min
Response: 40233
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.001 min
Response: 82698
Conc: 0.43 ng/ml