

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022124\
 Data File : P0101974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 22:02
 Operator : YP/AJ
 Sample : P1537-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:34:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 12 05:22:08 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...	4.282	3.393	74316236	57317911	24.101	21.563
2)	SA Decachlor...	9.834	8.269	44519008	33207602	21.231	17.479
Target Compounds							
3)	L1 AR-1016-1	5.452	4.475	1456681	1111466	14.771	15.234
4)	L1 AR-1016-2	5.462	4.475	740757	1111466	5.095	10.535 #
5)	L1 AR-1016-3	5.511	4.631	745999	1072038	7.838	18.687 #
6)	L1 AR-1016-4	5.622	4.689	571518	445411	7.491	8.848
7)	L1 AR-1016-5	5.911	4.916	214894	-128183	2.707	N.D. #
8)	L2 AR-1221-1	4.487	3.600	1114881	259098	35.393	9.499 #
9)	L2 AR-1221-2	4.582	3.685	1030219	1117331	43.439	57.094 #
10)	L2 AR-1221-3	4.667	3.766	-58261	443488	N.D.	7.285 #
11)	L3 AR-1232-1	4.667	3.766	-58261	443488	N.D.	8.208 #
12)	L3 AR-1232-2	5.186	4.475	2246507	1111466	58.513	22.550 #
13)	L3 AR-1232-3	5.462	4.631	740757	1072038	10.711	41.758 #
14)	L3 AR-1232-4	5.622	4.743	571518	558021	15.716	21.956 #
15)	L3 AR-1232-5	5.708	4.916	834213	-128183	26.567	N.D. #
16)	L4 AR-1242-1	5.452	4.475	1456681	1111466	19.803	19.828
17)	L4 AR-1242-2	5.462	4.475	740757	1111466	6.798	14.073 #
18)	L4 AR-1242-3	5.511	4.631	745999	1072038	10.575	25.169 #
19)	L4 AR-1242-4	5.622	4.743	571518	558021	10.078	12.049
20)	L4 AR-1242-5	6.349	5.238	202682	1460158	3.670	29.521 #
21)	L5 AR-1248-1	5.452	4.475	1456681	1111466	26.473	25.799
22)	L5 AR-1248-2	5.708	4.689	834213	445411	8.912	6.724
23)	L5 AR-1248-3	5.911	4.743	214894	558021	2.204	8.110 #
24)	L5 AR-1248-4	6.303	4.916	1950350	-128183	21.296	N.D. #
25)	L5 AR-1248-5	6.349	5.238f	202682	1460158	2.256	22.367 #
26)	L6 AR-1254-1	6.283	5.238	565165	1460158	5.088	12.563 #
27)	L6 AR-1254-2	6.495	5.397	1505251	907641	9.158	8.585
28)	L6 AR-1254-3	6.858	5.784	1273160	1467785	7.908	9.078
29)	L6 AR-1254-4	7.135	6.009	580160	157985	5.855	1.879 #
30)	L6 AR-1254-5	7.566	6.408	3424031	2157728	28.586	16.104 #
31)	L7 AR-1260-1	7.014	5.927	743690	2215137	5.666	17.942 #
32)	L7 AR-1260-2	7.260	6.085	2315207	693942	16.244	4.807 #
33)	L7 AR-1260-3	7.613	6.238	674153	307265	6.402	2.351 #
34)	L7 AR-1260-4	7.827	6.709	2220946	483749	19.884	4.386 #
35)	L7 AR-1260-5	8.148	6.945	740573	400391	3.375	1.694 #
36)	L8 AR-1262-1	7.566	6.408	3424031	2157728	28.368	25.734
37)	L8 AR-1262-2	8.148	6.709	740573	483749	2.404	3.180 #
38)	L8 AR-1262-3	8.471	7.228	532582	832806	2.523	7.039 #
39)	L8 AR-1262-4	8.531	7.284	1626627	1472906	9.461	6.853 #
40)	L8 AR-1262-5	9.148	7.773	28720	94136	0.278	1.043 #
41)	L9 AR-1268-1	8.471	7.228	532582	832806	1.546	2.682 #

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Acq On : 21 Feb 2024 22:02
Operator : YP/AJ
Sample : P1537-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

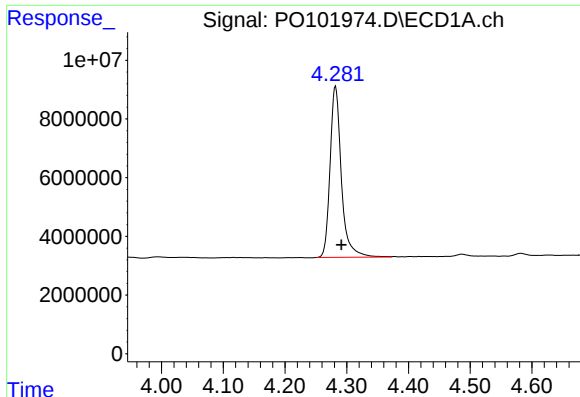
Instrument :
ECD_O
ClientSampleId :
9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:34:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 12 05:22:08 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	8.531	7.284	1626627	1472906	4.891	5.201
43)	L9 AR-1268-3	8.754	7.504	246709	281176	0.902	1.188 #
44)	L9 AR-1268-4	9.148	8.065	28720	92524	0.287	0.129 #
45)	L9 AR-1268-5	9.525	8.269	801318	33207602	0.913	97.084 #

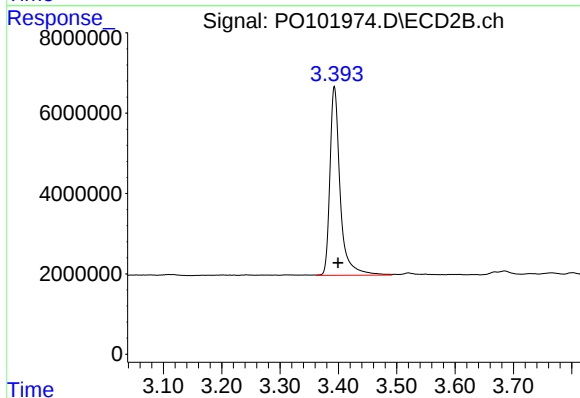
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

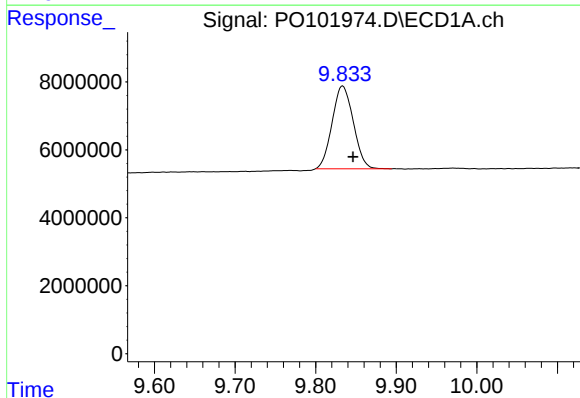
R.T.: 4.282 min
Delta R.T.: -0.009 min
Response: 74316236
Conc: 24.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



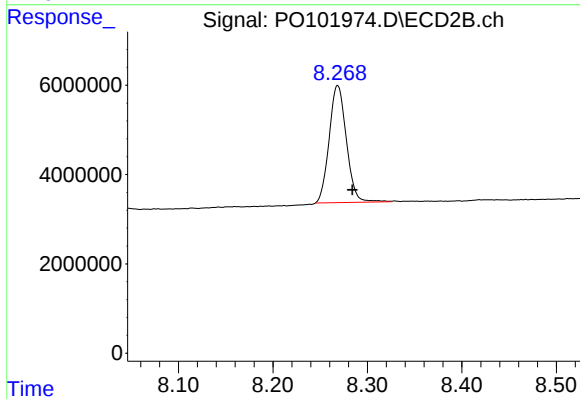
#1 Tetrachloro-m-xylene

R.T.: 3.393 min
Delta R.T.: -0.007 min
Response: 57317911
Conc: 21.56 ng/ml



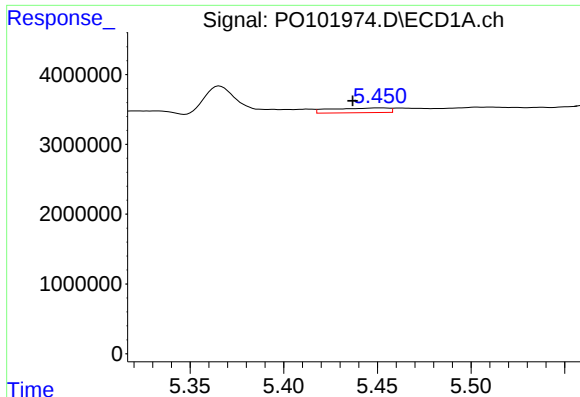
#2 Decachlorobiphenyl

R.T.: 9.834 min
Delta R.T.: -0.013 min
Response: 44519008
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

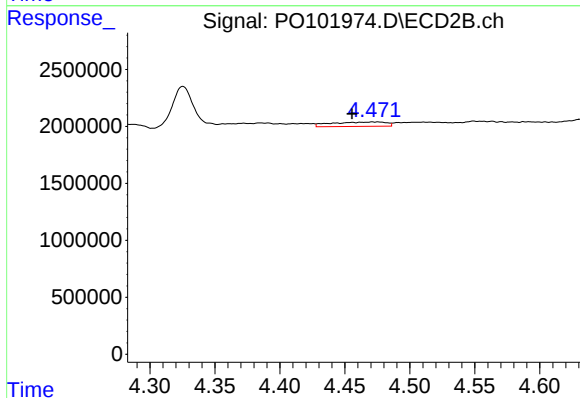
R.T.: 8.269 min
Delta R.T.: -0.016 min
Response: 33207602
Conc: 17.48 ng/ml



#3 AR-1016-1

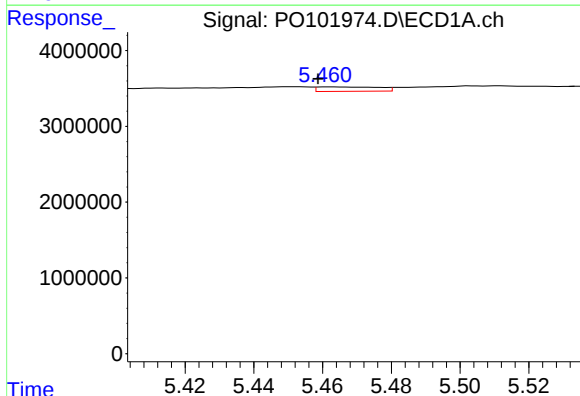
R.T.: 5.452 min
Delta R.T.: 0.015 min
Response: 1456681
Conc: 14.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



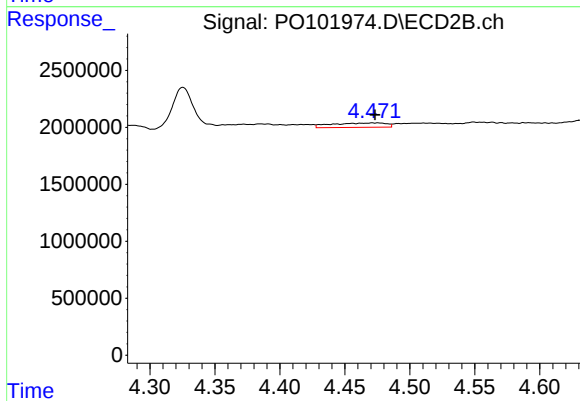
#3 AR-1016-1

R.T.: 4.475 min
Delta R.T.: 0.020 min
Response: 1111466
Conc: 15.23 ng/ml



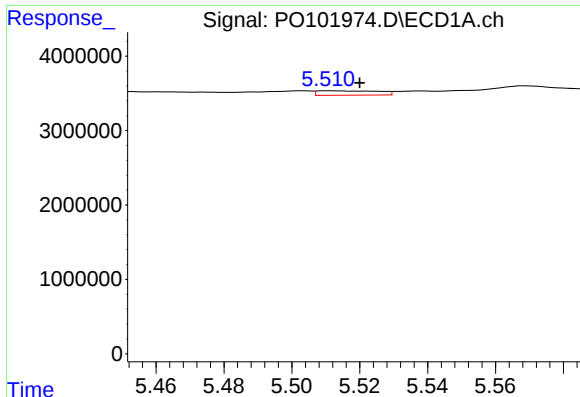
#4 AR-1016-2

R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 740757
Conc: 5.10 ng/ml



#4 AR-1016-2

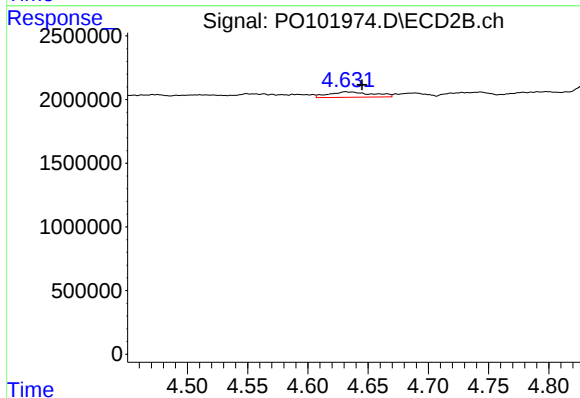
R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 1111466
Conc: 10.54 ng/ml



#5 AR-1016-3

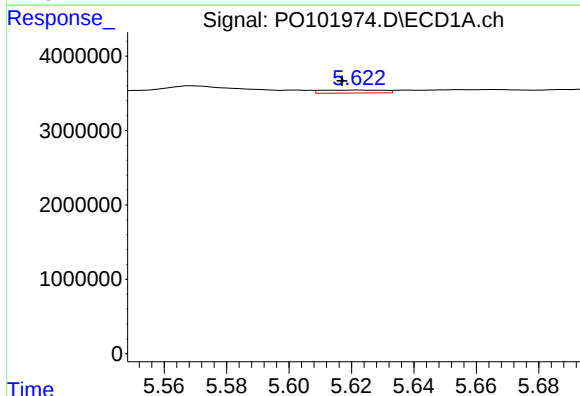
R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 745999
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



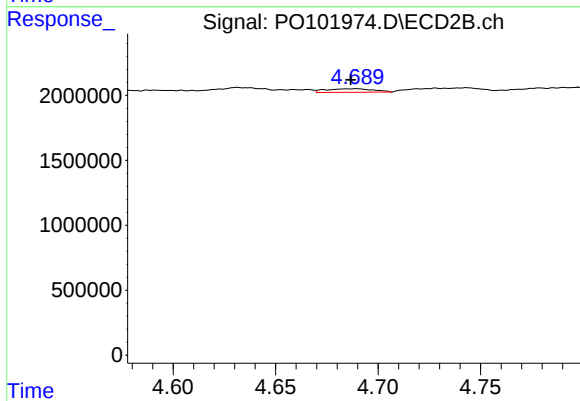
#5 AR-1016-3

R.T.: 4.631 min
Delta R.T.: -0.014 min
Response: 1072038
Conc: 18.69 ng/ml



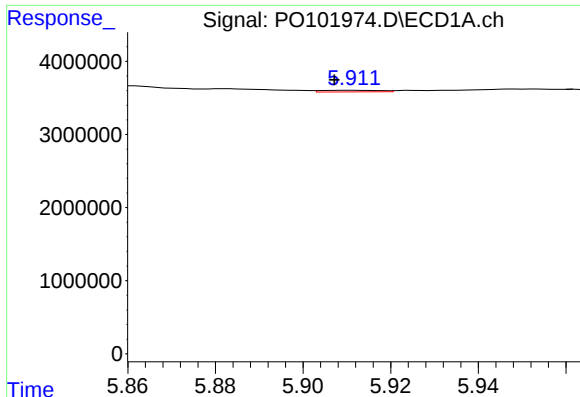
#6 AR-1016-4

R.T.: 5.622 min
Delta R.T.: 0.005 min
Response: 571518
Conc: 7.49 ng/ml



#6 AR-1016-4

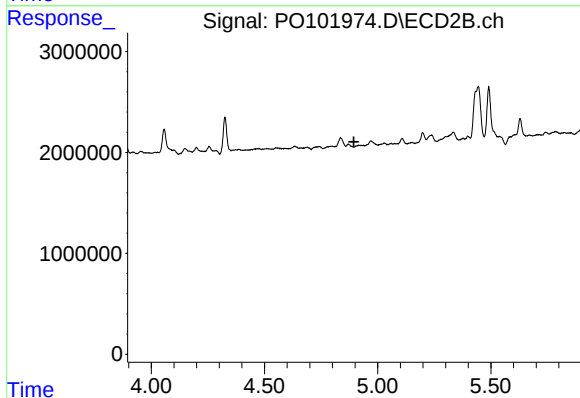
R.T.: 4.689 min
Delta R.T.: 0.003 min
Response: 445411
Conc: 8.85 ng/ml



#7 AR-1016-5

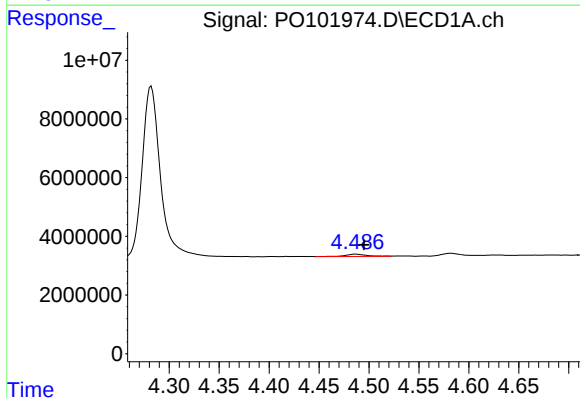
R.T.: 5.911 min
Delta R.T.: 0.004 min
Response: 214894
Conc: 2.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



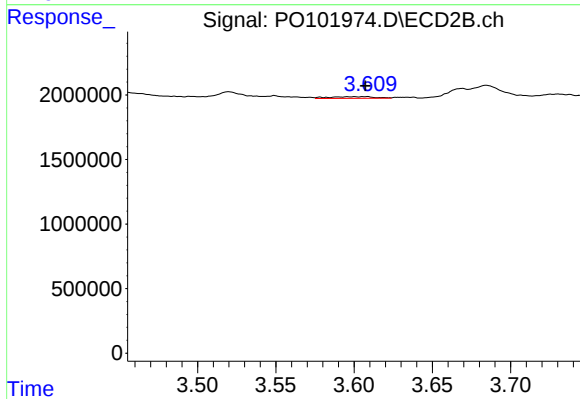
#7 AR-1016-5

R.T.: 4.916 min
Delta R.T.: 0.021 min
Response: -128183
Conc: N.D.



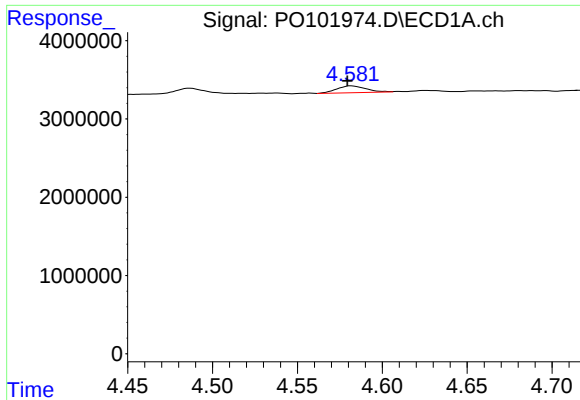
#8 AR-1221-1

R.T.: 4.487 min
Delta R.T.: -0.008 min
Response: 1114881
Conc: 35.39 ng/ml



#8 AR-1221-1

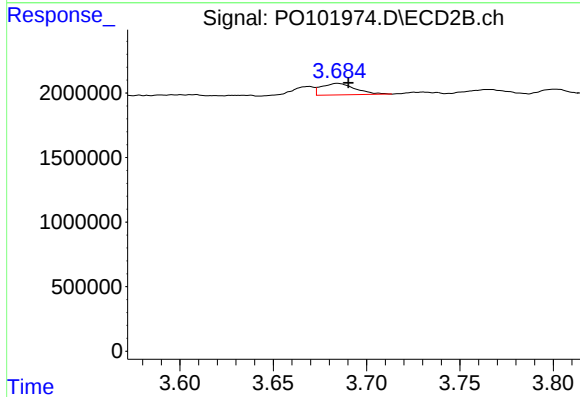
R.T.: 3.600 min
Delta R.T.: -0.007 min
Response: 259098
Conc: 9.50 ng/ml



#9 AR-1221-2

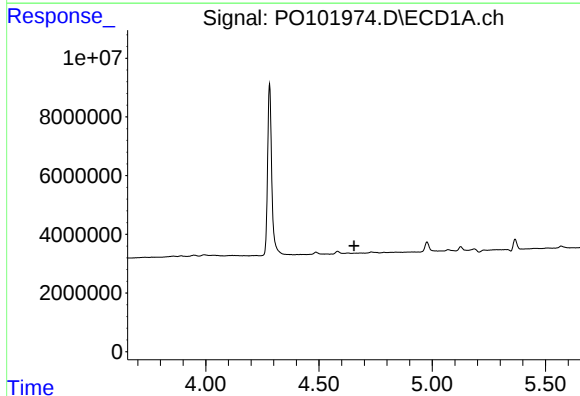
R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 1030219
Conc: 43.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



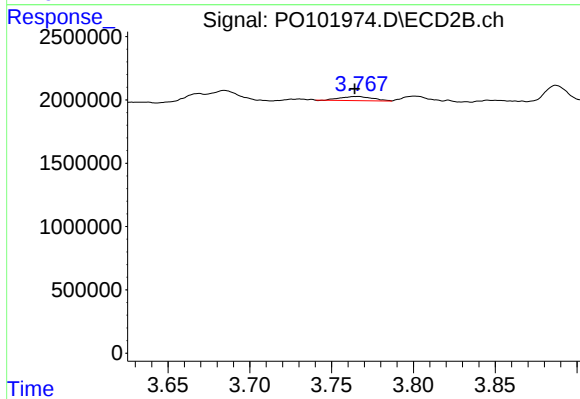
#9 AR-1221-2

R.T.: 3.685 min
Delta R.T.: -0.006 min
Response: 1117331
Conc: 57.09 ng/ml



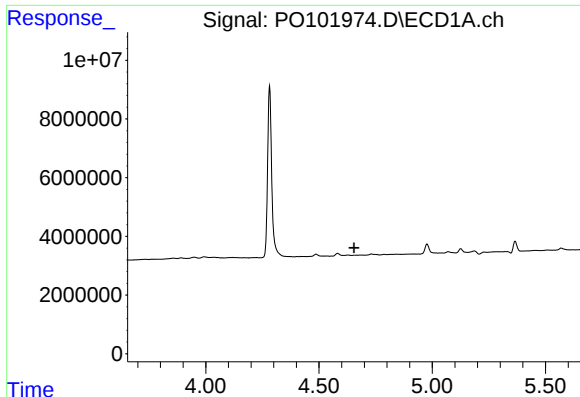
#10 AR-1221-3

R.T.: 4.667 min
Delta R.T.: 0.012 min
Response: -58261
Conc: N.D.



#10 AR-1221-3

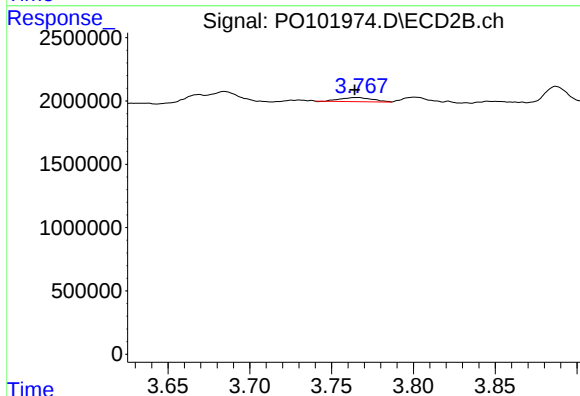
R.T.: 3.766 min
Delta R.T.: 0.001 min
Response: 443488
Conc: 7.28 ng/ml



#11 AR-1232-1

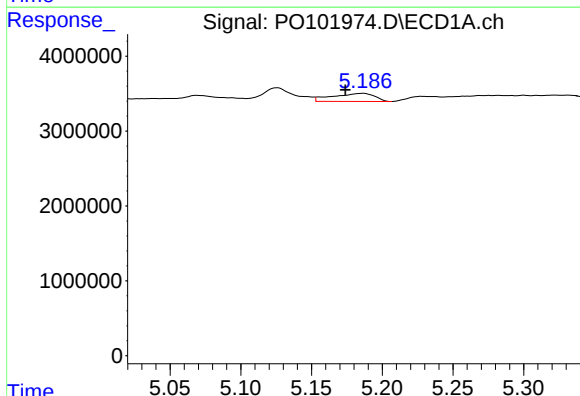
R.T.: 4.667 min
Delta R.T.: 0.012 min
Response: -58261
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
9



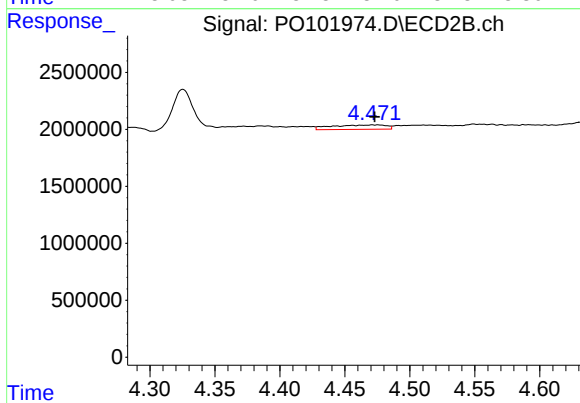
#11 AR-1232-1

R.T.: 3.766 min
Delta R.T.: 0.001 min
Response: 443488
Conc: 8.21 ng/ml



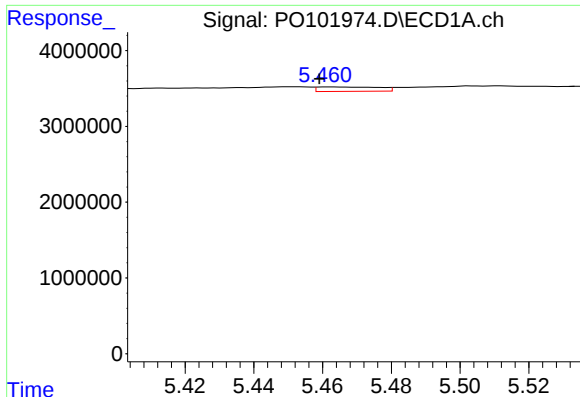
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: 0.012 min
Response: 2246507
Conc: 58.51 ng/ml



#12 AR-1232-2

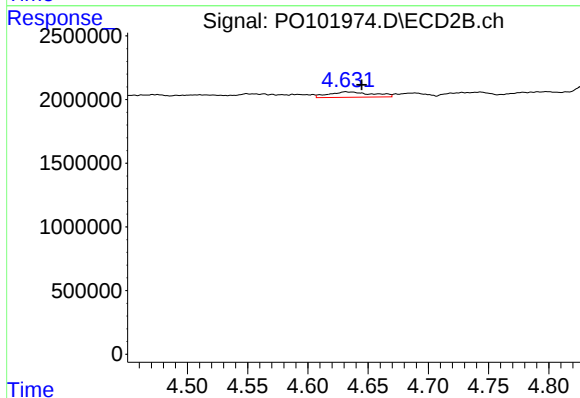
R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 1111466
Conc: 22.55 ng/ml



#13 AR-1232-3

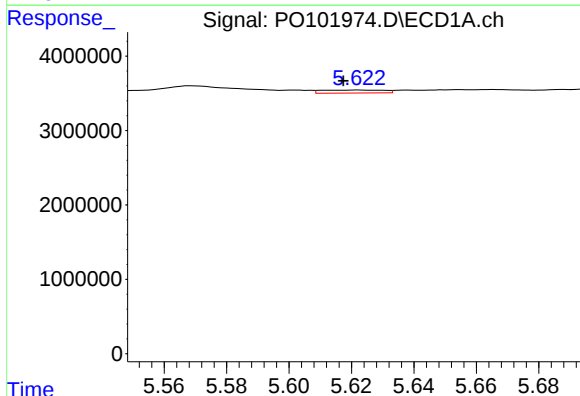
R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 740757
Conc: 10.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



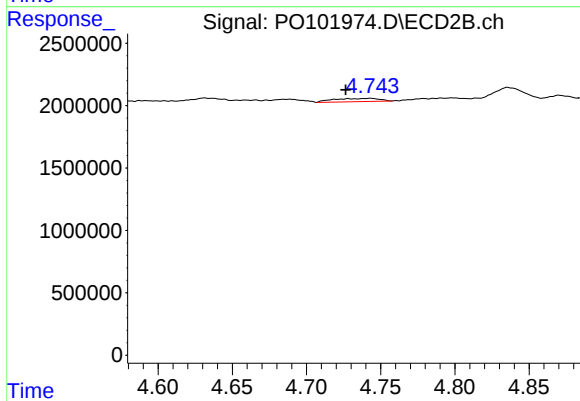
#13 AR-1232-3

R.T.: 4.631 min
Delta R.T.: -0.013 min
Response: 1072038
Conc: 41.76 ng/ml



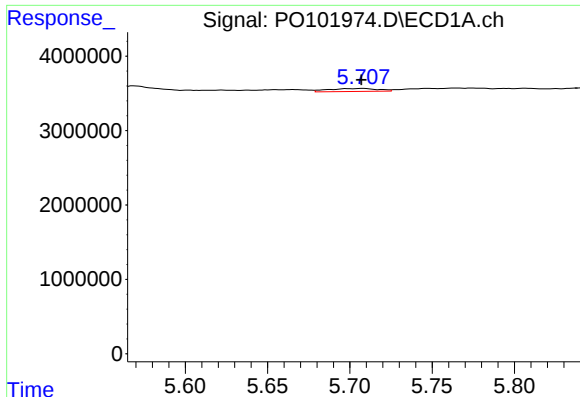
#14 AR-1232-4

R.T.: 5.622 min
Delta R.T.: 0.005 min
Response: 571518
Conc: 15.72 ng/ml



#14 AR-1232-4

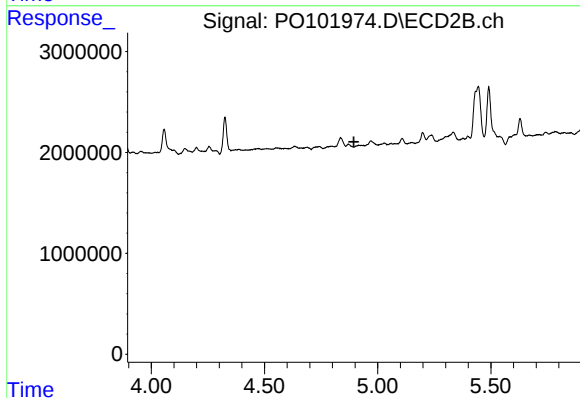
R.T.: 4.743 min
Delta R.T.: 0.017 min
Response: 558021
Conc: 21.96 ng/ml



#15 AR-1232-5

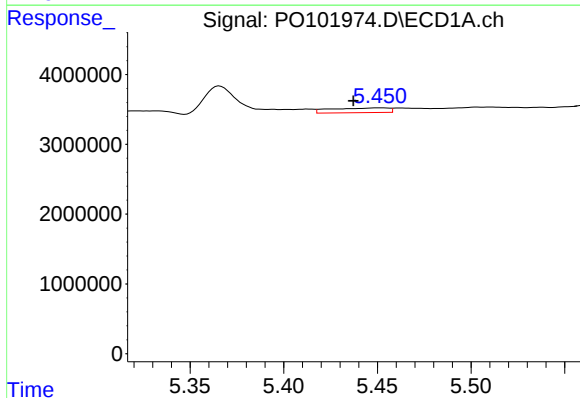
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 834213
Conc: 26.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



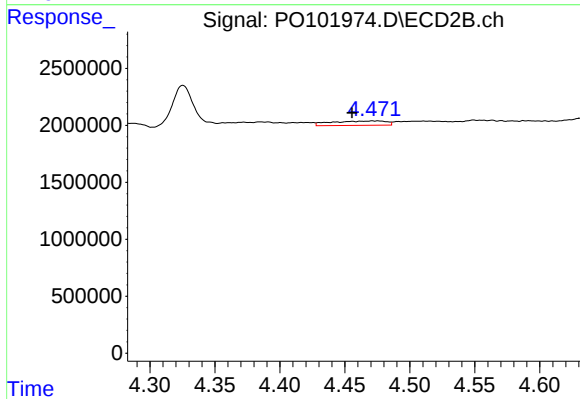
#15 AR-1232-5

R.T.: 4.916 min
Delta R.T.: 0.020 min
Response: -128183
Conc: N.D.



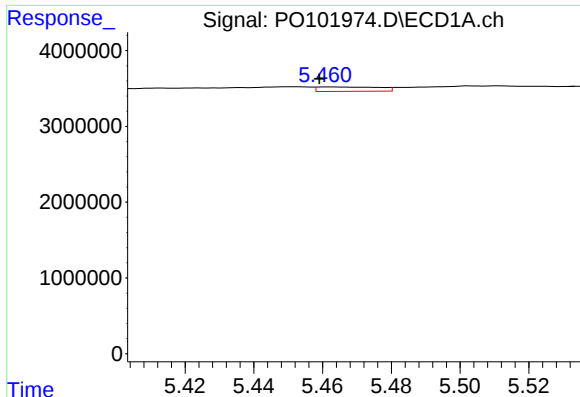
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: 0.014 min
Response: 1456681
Conc: 19.80 ng/ml



#16 AR-1242-1

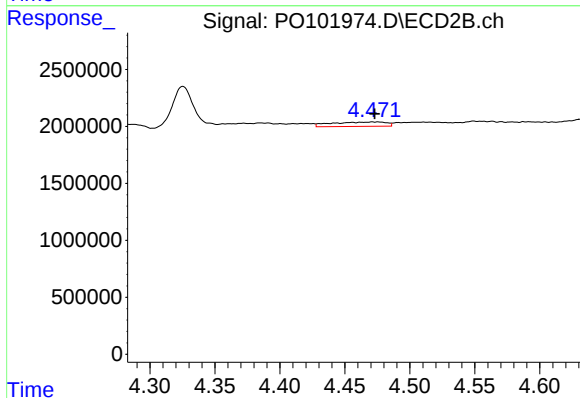
R.T.: 4.475 min
Delta R.T.: 0.020 min
Response: 1111466
Conc: 19.83 ng/ml



#17 AR-1242-2

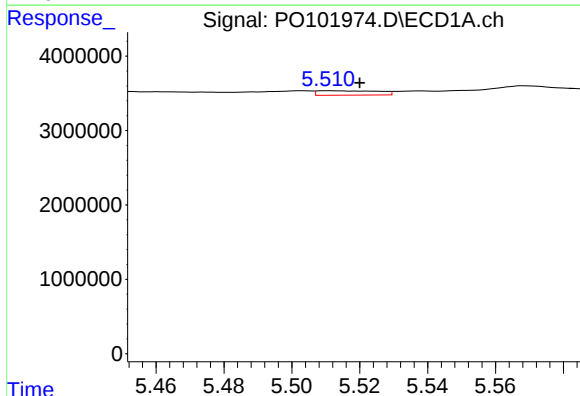
R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 740757
Conc: 6.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



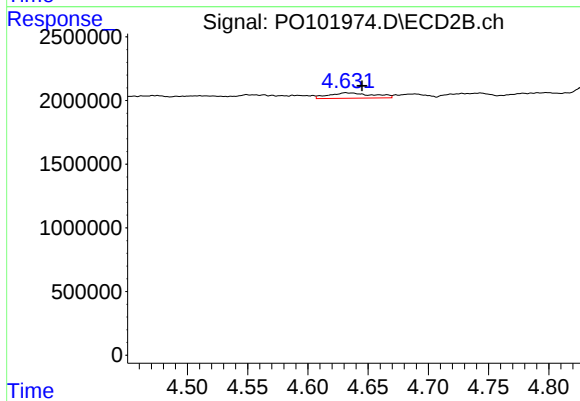
#17 AR-1242-2

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 1111466
Conc: 14.07 ng/ml



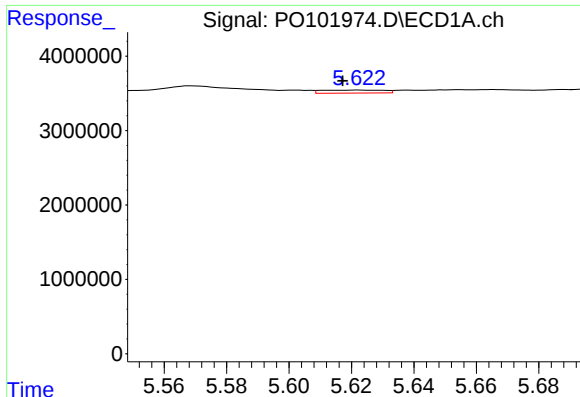
#18 AR-1242-3

R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 745999
Conc: 10.58 ng/ml



#18 AR-1242-3

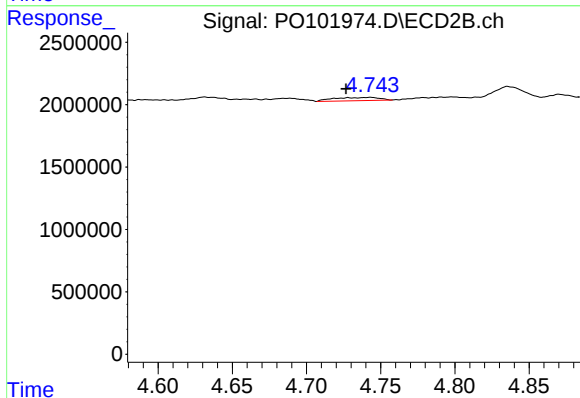
R.T.: 4.631 min
Delta R.T.: -0.013 min
Response: 1072038
Conc: 25.17 ng/ml



#19 AR-1242-4

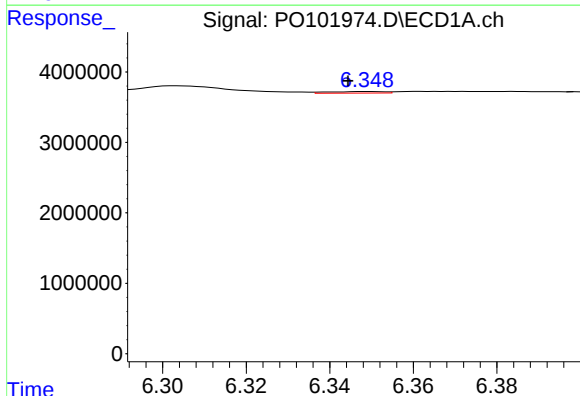
R.T.: 5.622 min
Delta R.T.: 0.005 min
Response: 571518
Conc: 10.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



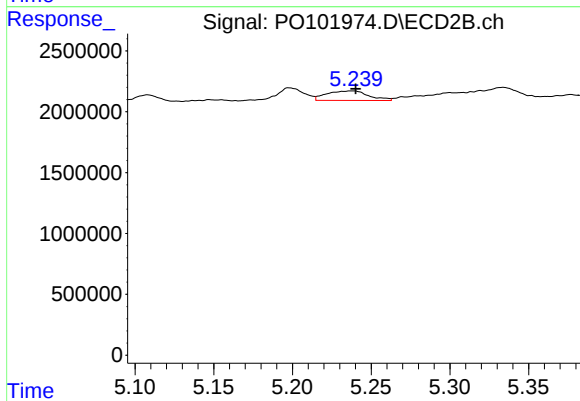
#19 AR-1242-4

R.T.: 4.743 min
Delta R.T.: 0.017 min
Response: 558021
Conc: 12.05 ng/ml



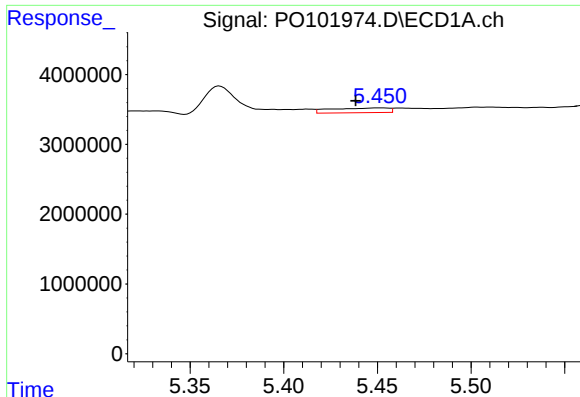
#20 AR-1242-5

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 202682
Conc: 3.67 ng/ml



#20 AR-1242-5

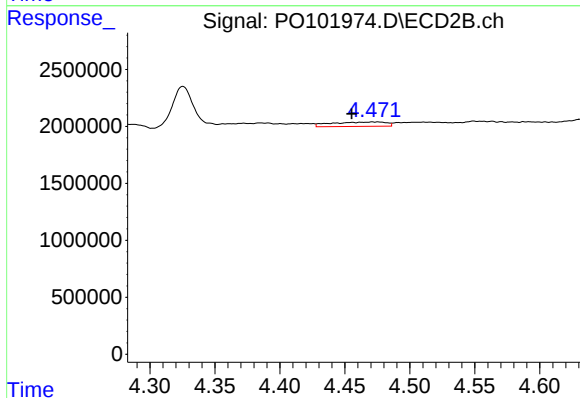
R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1460158
Conc: 29.52 ng/ml



#21 AR-1248-1

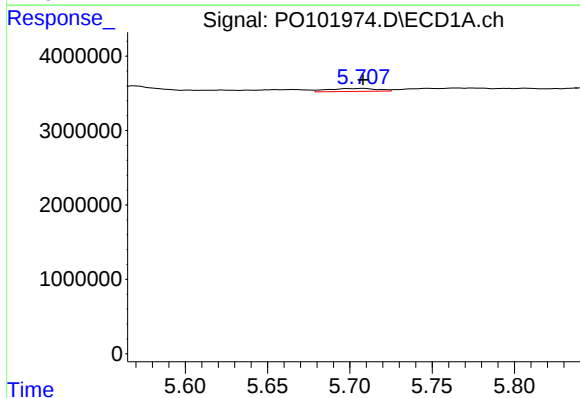
R.T.: 5.452 min
Delta R.T.: 0.013 min
Response: 1456681
Conc: 26.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



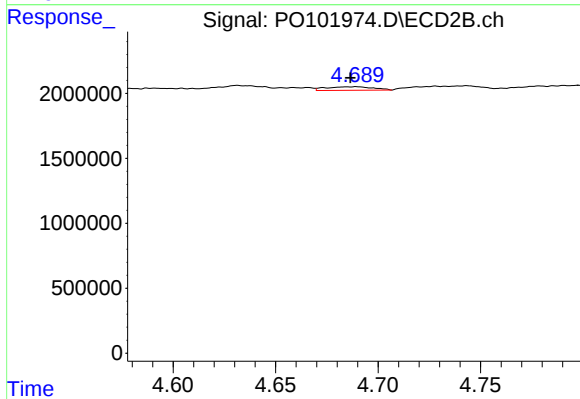
#21 AR-1248-1

R.T.: 4.475 min
Delta R.T.: 0.020 min
Response: 1111466
Conc: 25.80 ng/ml



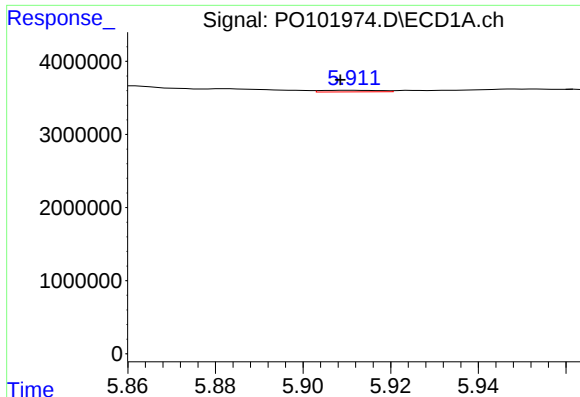
#22 AR-1248-2

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 834213
Conc: 8.91 ng/ml



#22 AR-1248-2

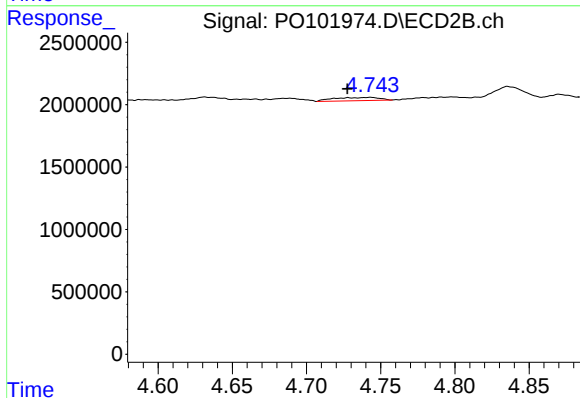
R.T.: 4.689 min
Delta R.T.: 0.003 min
Response: 445411
Conc: 6.72 ng/ml



#23 AR-1248-3

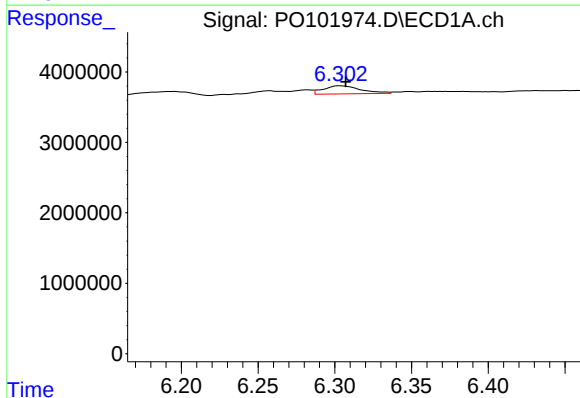
R.T.: 5.911 min
Delta R.T.: 0.002 min
Response: 214894
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



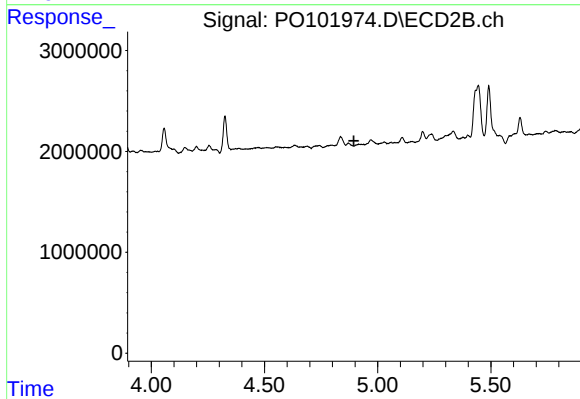
#23 AR-1248-3

R.T.: 4.743 min
Delta R.T.: 0.016 min
Response: 558021
Conc: 8.11 ng/ml



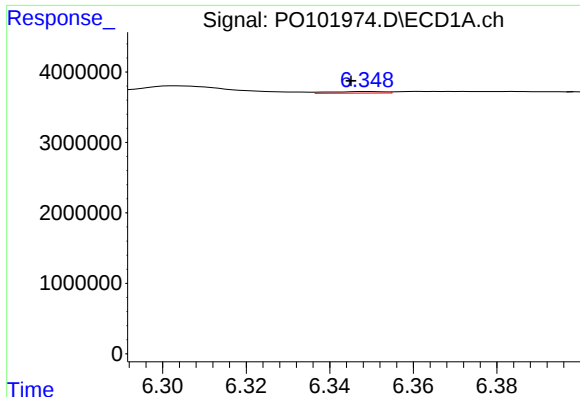
#24 AR-1248-4

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 1950350
Conc: 21.30 ng/ml



#24 AR-1248-4

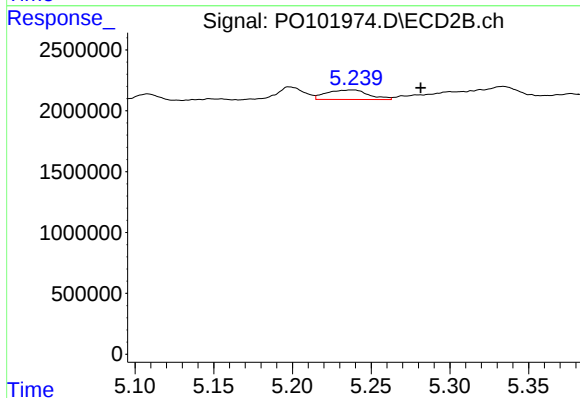
R.T.: 4.916 min
Delta R.T.: 0.020 min
Response: -128183
Conc: N.D.



#25 AR-1248-5

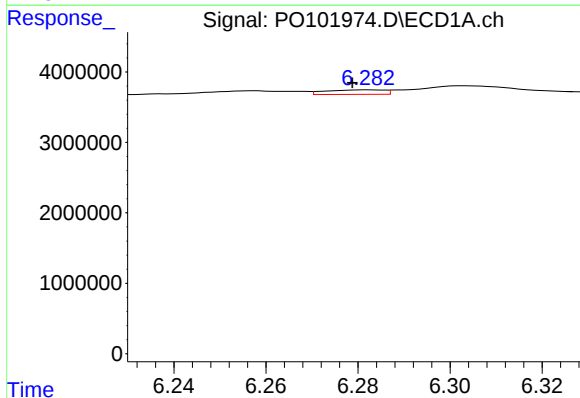
R.T.: 6.349 min
Delta R.T.: 0.004 min
Response: 202682
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



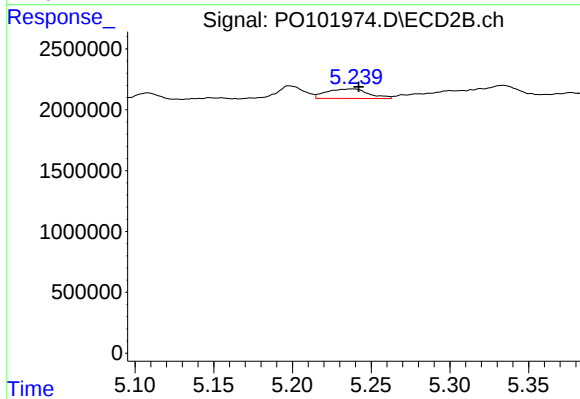
#25 AR-1248-5

R.T.: 5.238 min
Delta R.T.: -0.043 min
Response: 1460158
Conc: 22.37 ng/ml



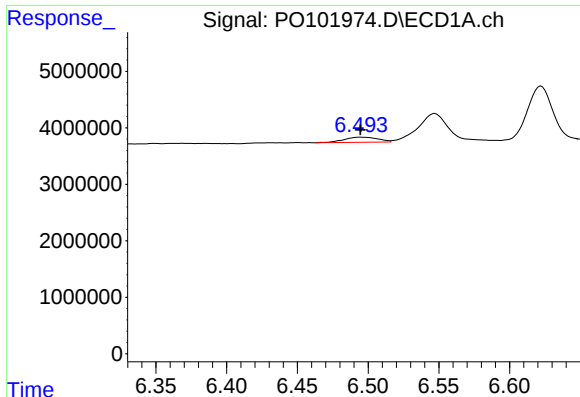
#26 AR-1254-1

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 565165
Conc: 5.09 ng/ml



#26 AR-1254-1

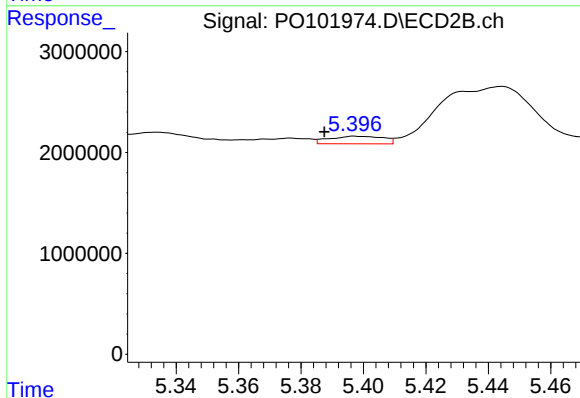
R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 1460158
Conc: 12.56 ng/ml



#27 AR-1254-2

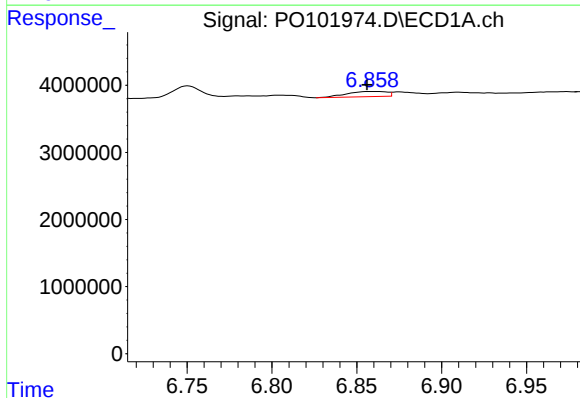
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 1505251
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



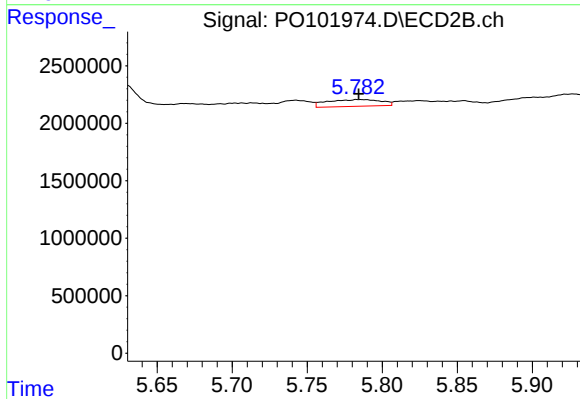
#27 AR-1254-2

R.T.: 5.397 min
Delta R.T.: 0.010 min
Response: 907641
Conc: 8.59 ng/ml



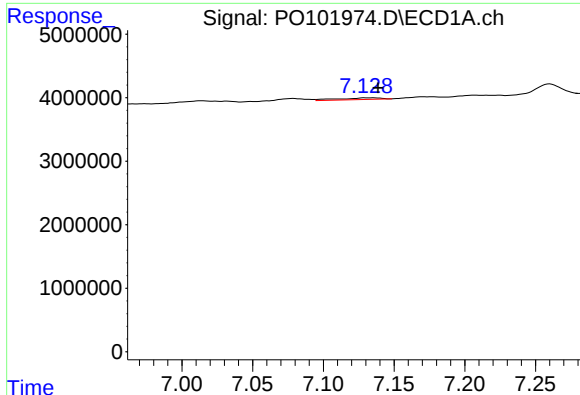
#28 AR-1254-3

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 1273160
Conc: 7.91 ng/ml



#28 AR-1254-3

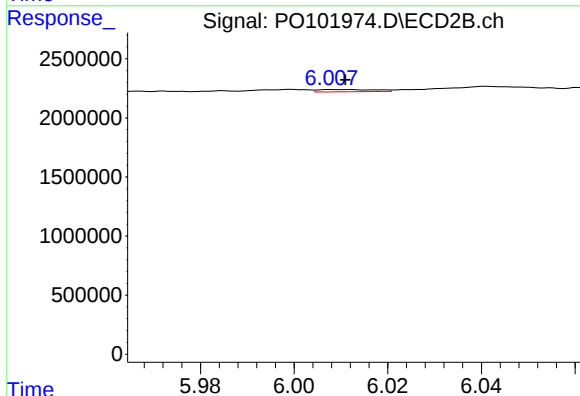
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1467785
Conc: 9.08 ng/ml



#29 AR-1254-4

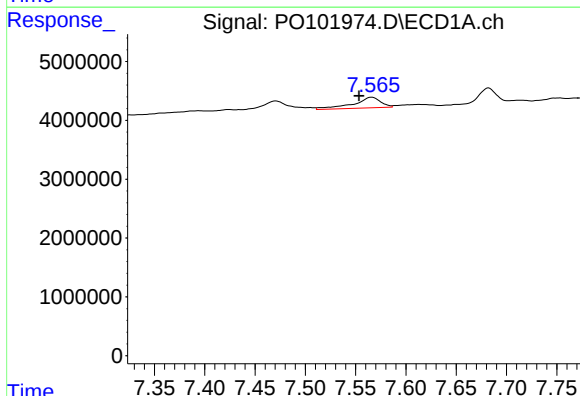
R.T.: 7.135 min
Delta R.T.: -0.004 min
Response: 580160
Conc: 5.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



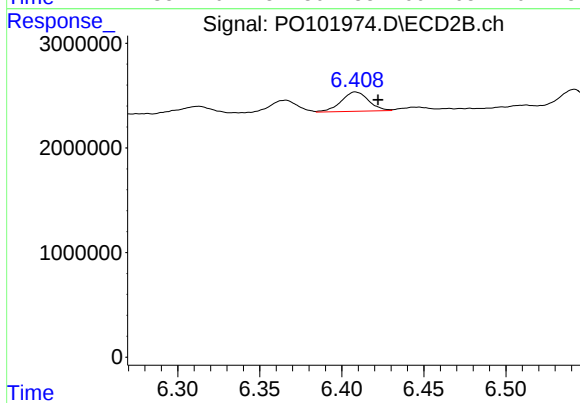
#29 AR-1254-4

R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 157985
Conc: 1.88 ng/ml



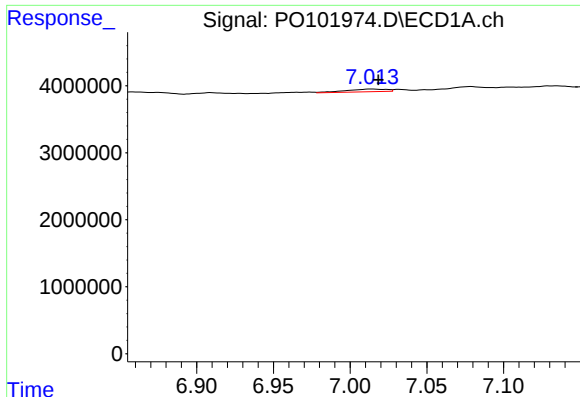
#30 AR-1254-5

R.T.: 7.566 min
Delta R.T.: 0.013 min
Response: 3424031
Conc: 28.59 ng/ml



#30 AR-1254-5

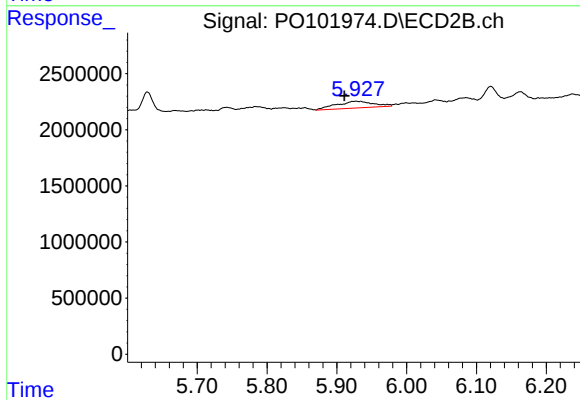
R.T.: 6.408 min
Delta R.T.: -0.014 min
Response: 2157728
Conc: 16.10 ng/ml



#31 AR-1260-1

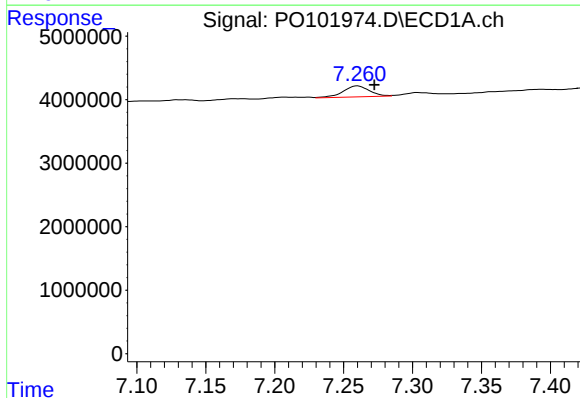
R.T.: 7.014 min
Delta R.T.: -0.005 min
Response: 743690
Conc: 5.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



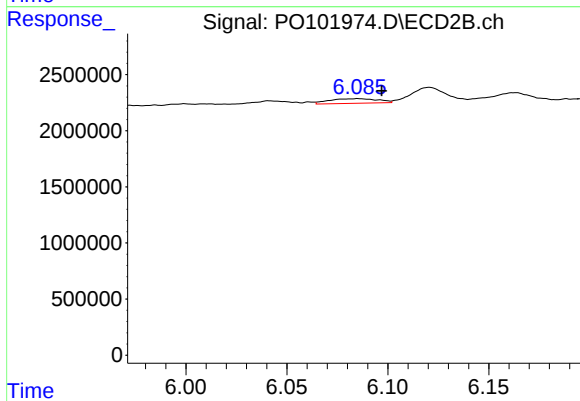
#31 AR-1260-1

R.T.: 5.927 min
Delta R.T.: 0.017 min
Response: 2215137
Conc: 17.94 ng/ml



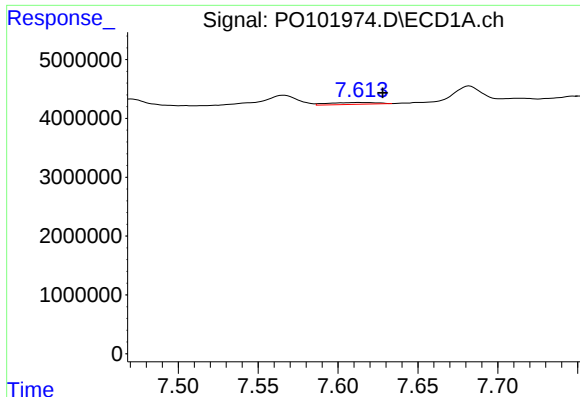
#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: -0.012 min
Response: 2315207
Conc: 16.24 ng/ml



#32 AR-1260-2

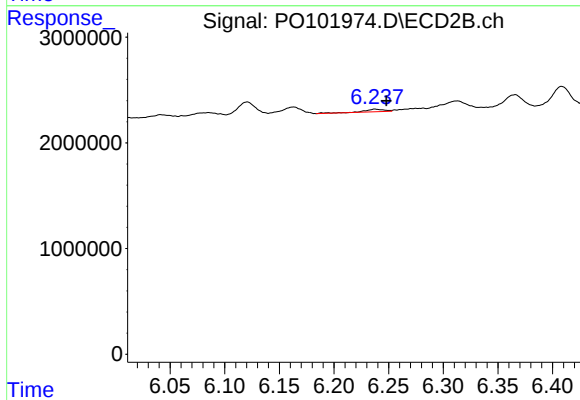
R.T.: 6.085 min
Delta R.T.: -0.012 min
Response: 693942
Conc: 4.81 ng/ml



#33 AR-1260-3

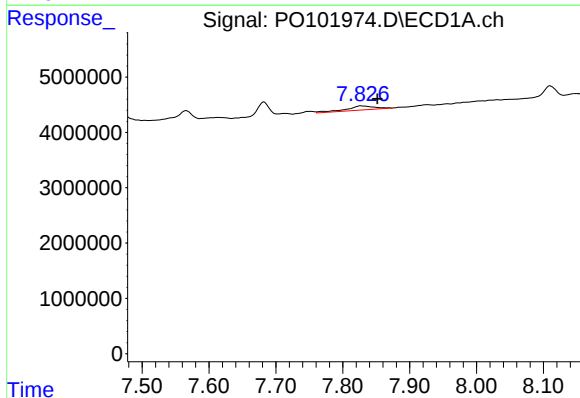
R.T.: 7.613 min
Delta R.T.: -0.015 min
Response: 674153
Conc: 6.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



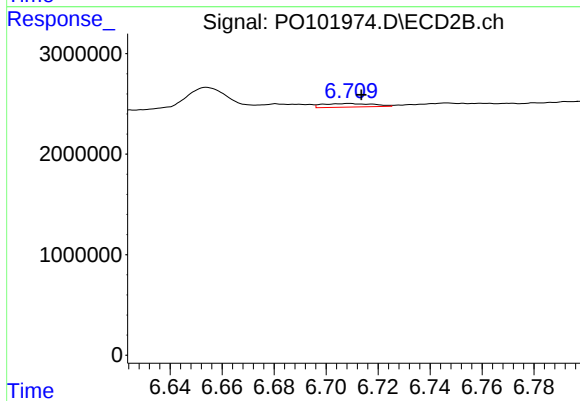
#33 AR-1260-3

R.T.: 6.238 min
Delta R.T.: -0.010 min
Response: 307265
Conc: 2.35 ng/ml



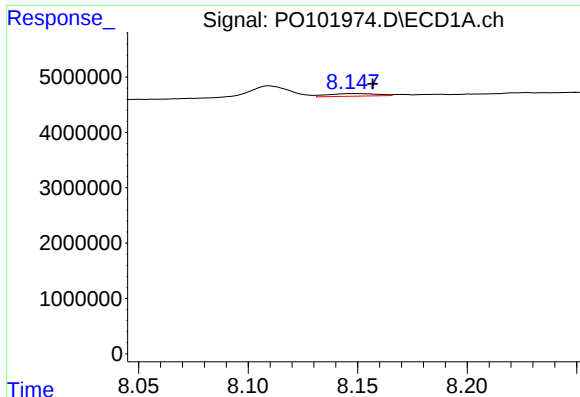
#34 AR-1260-4

R.T.: 7.827 min
Delta R.T.: -0.025 min
Response: 2220946
Conc: 19.88 ng/ml



#34 AR-1260-4

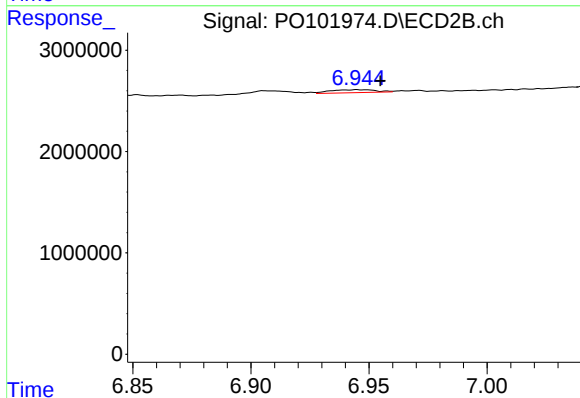
R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 483749
Conc: 4.39 ng/ml



#35 AR-1260-5

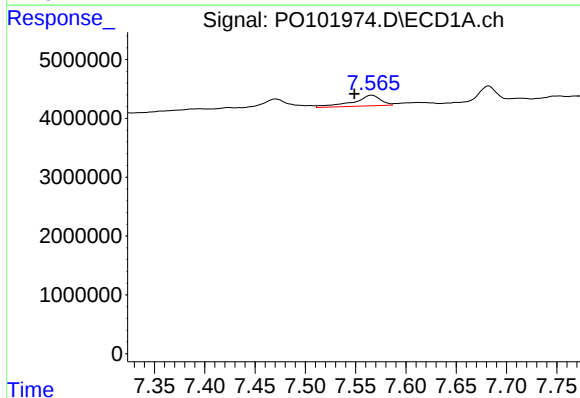
R.T.: 8.148 min
Delta R.T.: -0.008 min
Response: 740573
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



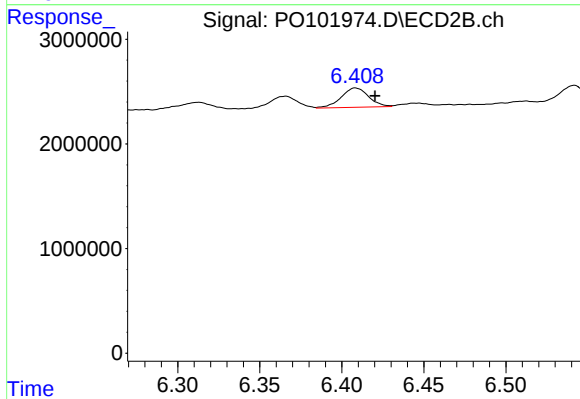
#35 AR-1260-5

R.T.: 6.945 min
Delta R.T.: -0.010 min
Response: 400391
Conc: 1.69 ng/ml



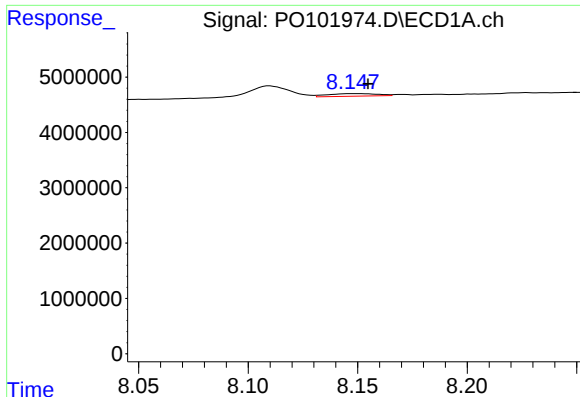
#36 AR-1262-1

R.T.: 7.566 min
Delta R.T.: 0.017 min
Response: 3424031
Conc: 28.37 ng/ml



#36 AR-1262-1

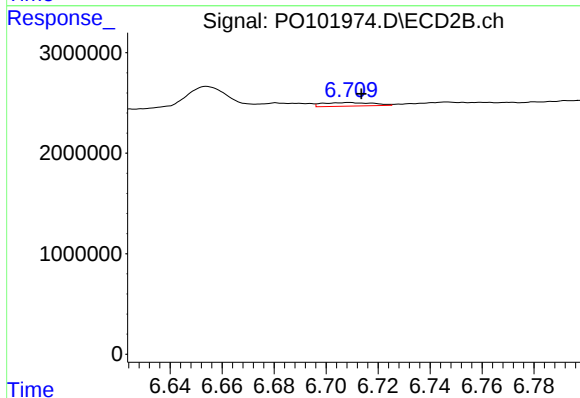
R.T.: 6.408 min
Delta R.T.: -0.012 min
Response: 2157728
Conc: 25.73 ng/ml



#37 AR-1262-2

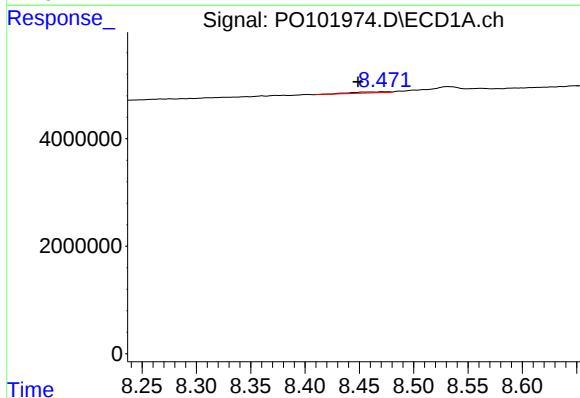
R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 740573
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



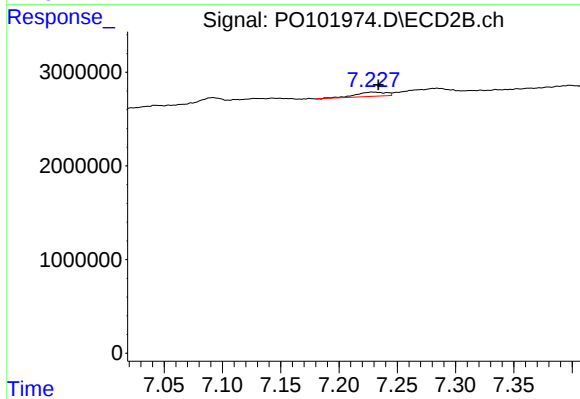
#37 AR-1262-2

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 483749
Conc: 3.18 ng/ml



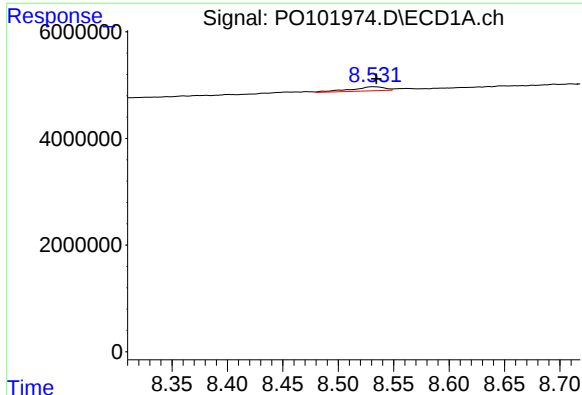
#38 AR-1262-3

R.T.: 8.471 min
Delta R.T.: 0.023 min
Response: 532582
Conc: 2.52 ng/ml



#38 AR-1262-3

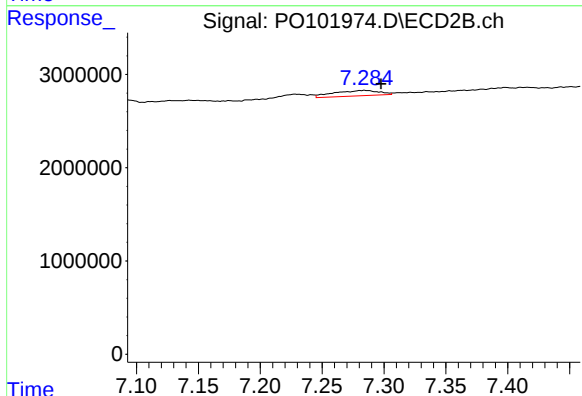
R.T.: 7.228 min
Delta R.T.: -0.005 min
Response: 832806
Conc: 7.04 ng/ml



#39 AR-1262-4

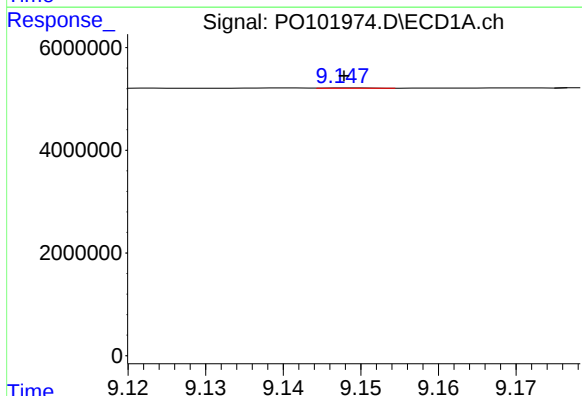
R.T.: 8.531 min
Delta R.T.: -0.003 min
Response: 1626627
Conc: 9.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



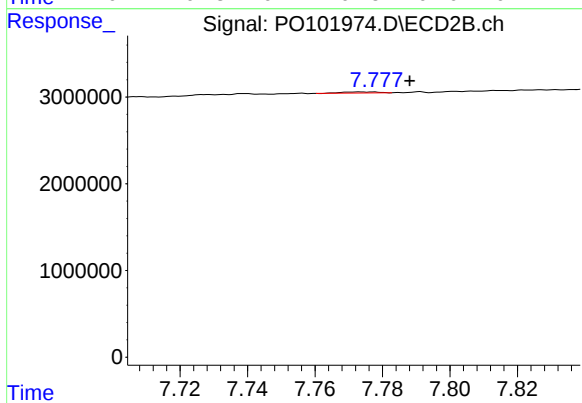
#39 AR-1262-4

R.T.: 7.284 min
Delta R.T.: -0.014 min
Response: 1472906
Conc: 6.85 ng/ml



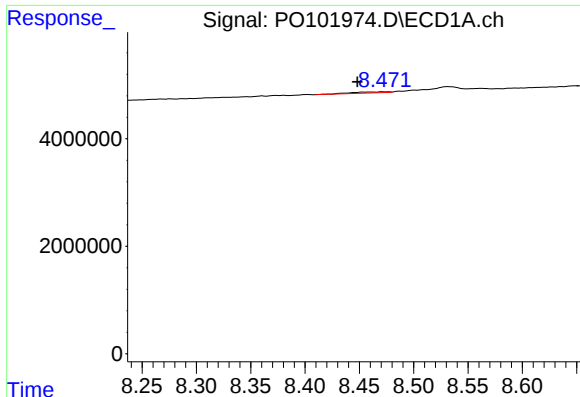
#40 AR-1262-5

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 28720
Conc: 0.28 ng/ml



#40 AR-1262-5

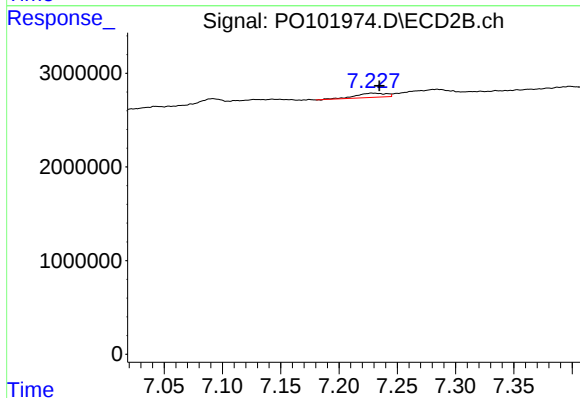
R.T.: 7.773 min
Delta R.T.: -0.015 min
Response: 94136
Conc: 1.04 ng/ml



#41 AR-1268-1

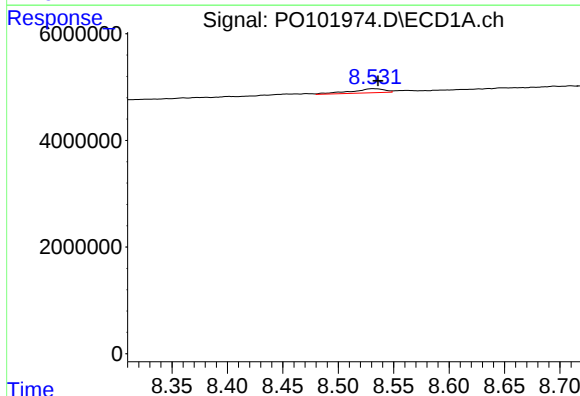
R.T.: 8.471 min
Delta R.T.: 0.023 min
Response: 532582
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



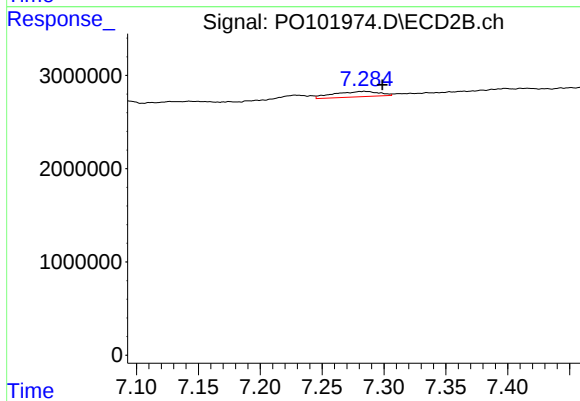
#41 AR-1268-1

R.T.: 7.228 min
Delta R.T.: -0.006 min
Response: 832806
Conc: 2.68 ng/ml



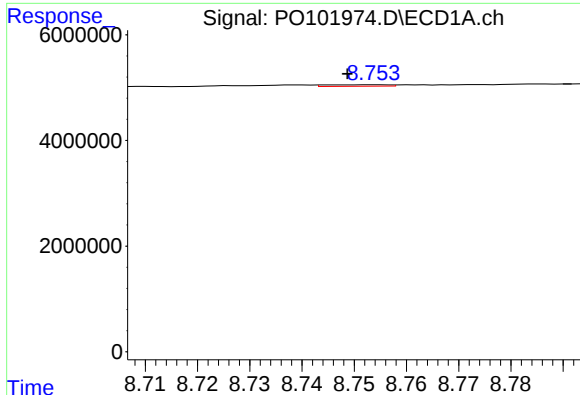
#42 AR-1268-2

R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 1626627
Conc: 4.89 ng/ml



#42 AR-1268-2

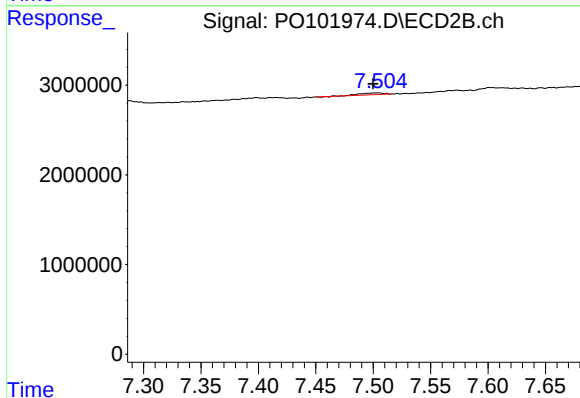
R.T.: 7.284 min
Delta R.T.: -0.015 min
Response: 1472906
Conc: 5.20 ng/ml



#43 AR-1268-3

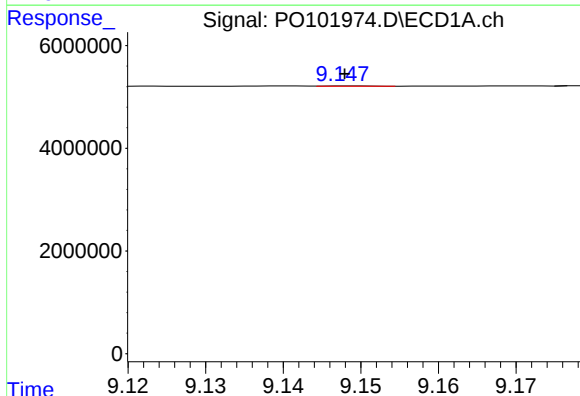
R.T.: 8.754 min
Delta R.T.: 0.005 min
Response: 246709
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



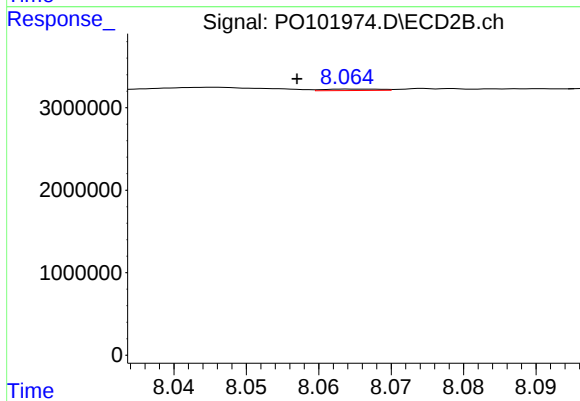
#43 AR-1268-3

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 281176
Conc: 1.19 ng/ml



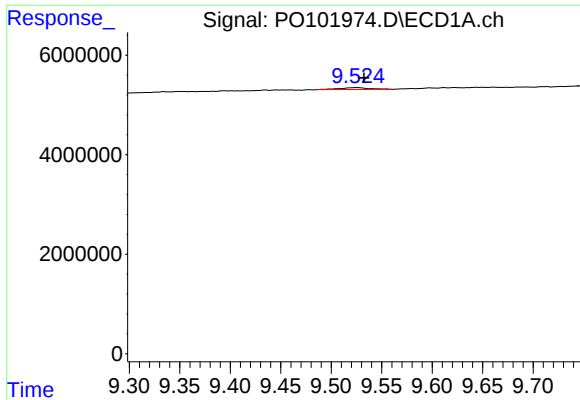
#44 AR-1268-4

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 28720
Conc: 0.29 ng/ml



#44 AR-1268-4

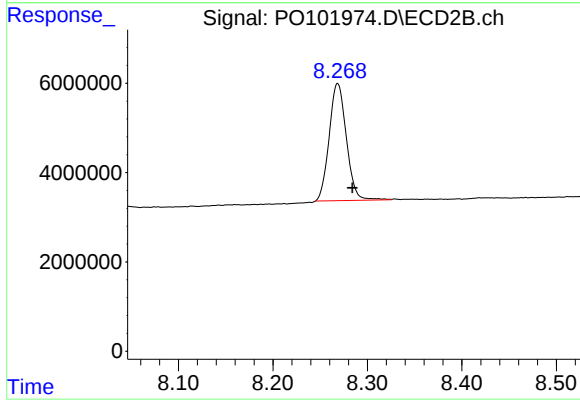
R.T.: 8.065 min
Delta R.T.: 0.008 min
Response: 92524
Conc: 0.13 ng/ml



#45 AR-1268-5

R.T.: 9.525 min
Delta R.T.: -0.008 min
Response: 801318
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
9



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.016 min
Response: 33207602
Conc: 97.08 ng/ml