

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022124\
 Data File : P0101973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 21:45
 Operator : YP/AJ
 Sample : P1537-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:34:09 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...	4.281	3.393	72882839	56368137	23.636	21.206
2)	SA Decachlor...	9.833	8.268	42589317	30962741	20.310	16.297
Target Compounds							
3)	L1 AR-1016-1	5.447	4.472	18547756	7776498	188.077	106.586 #
4)	L1 AR-1016-2	5.447	4.472	18547756	7776498	127.581	73.710 #
5)	L1 AR-1016-3	5.522	4.634	10209480	3419671	107.274	59.608 #
6)	L1 AR-1016-4	5.655f	4.679	6879545	3995074	90.178	79.359
7)	L1 AR-1016-5	5.949f	4.885	5243326	386533	66.054	6.112 #
8)	L2 AR-1221-1	4.484	3.602	1078129	22185376	34.226	813.381 #
9)	L2 AR-1221-2	4.581	3.666	296988	15778625	12.522	806.268 #
10)	L2 AR-1221-3	4.676	3.760	29512425	174874	413.441	2.872 #
11)	L3 AR-1232-1	4.676	3.760	29512425	174874	462.554	3.237 #
12)	L3 AR-1232-2	5.165	4.472	9104945	7776498	237.149	157.771 #
13)	L3 AR-1232-3	5.447	4.634	18547756	3419671	268.191	133.204 #
14)	L3 AR-1232-4	5.655f	4.739	6879545	3512319	189.179	138.196 #
15)	L3 AR-1232-5	5.699	4.885	5947194	386533	189.396	14.655 #
16)	L4 AR-1242-1	5.447	4.472	18547756	7776498	252.145	138.727 #
17)	L4 AR-1242-2	5.447	4.472	18547756	7776498	170.217	98.467 #
18)	L4 AR-1242-3	5.522	4.634	10209480	3419671	144.729	80.287 #
19)	L4 AR-1242-4	5.655f	4.739	6879545	3512319	121.309	75.838 #
20)	L4 AR-1242-5	6.327	5.237	4079461	7018348	73.877	141.896 #
21)	L5 AR-1248-1	5.447	4.472	18547756	7776498	337.078	180.503 #
22)	L5 AR-1248-2	5.699	4.679	5947194	3995074	63.537	60.311
23)	L5 AR-1248-3	5.949f	4.739	5243326	3512319	53.780	51.045
24)	L5 AR-1248-4	6.302	4.885	8326012	386533	90.911	4.924 #
25)	L5 AR-1248-5	6.327	5.274	4079461	2742693	45.411	42.014
26)	L6 AR-1254-1	6.280	5.237	4389840	7018348	39.520	60.384 #
27)	L6 AR-1254-2	6.489	5.376	7959766	3426114	48.430	32.408 #
28)	L6 AR-1254-3	6.857	5.791	11663454	12794088	72.448	79.131
29)	L6 AR-1254-4	7.130	5.998	2322280	5486688	23.436	65.256 #
30)	L6 AR-1254-5	7.565	6.409	124.3E6	106.2E6	1038.085	792.898
31)	L7 AR-1260-1	7.009	5.920	3285725	7469181	25.033	60.498 #
32)	L7 AR-1260-2	7.257	6.087	24938246	5034155	174.971	34.872 #
33)	L7 AR-1260-3	7.618	6.236	1282580	5560588	12.180	42.545 #
34)	L7 AR-1260-4	7.840	6.703	2888987	2249530	25.865	20.397
35)	L7 AR-1260-5	8.147	6.942	2781261	3009407	12.677	12.731
36)	L8 AR-1262-1	7.565	6.409	124.3E6	106.2E6	1030.173	1267.026
37)	L8 AR-1262-2	8.147	6.703	2781261	2249530	9.027	14.789 #
38)	L8 AR-1262-3	8.457	7.223	1595829	-192180	7.560	N.D. #
39)	L8 AR-1262-4	8.530	7.284	2684711	2252270	15.616	10.479 #
40)	L8 AR-1262-5	9.138	7.774	456434	491764	4.426	5.448
41)	L9 AR-1268-1	8.457	7.223	1595829	-192180	4.632	N.D. #

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 Operator : YP/AJ
 Sample : P1537-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

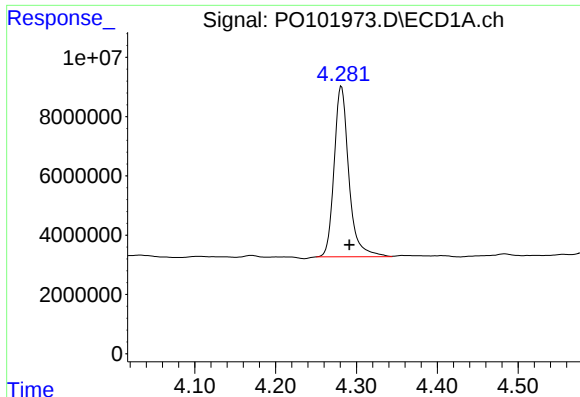
Instrument :
 ECD_O
 ClientSampleId :
 8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:34:09 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	8.530	7.284	2684711	2252270	8.072	7.953
43) L9	AR-1268-3	8.748	7.501	108099	224749	0.395	0.949 #
44) L9	AR-1268-4	9.138	8.042	456434	1443064	4.559	2.004 #
45) L9	AR-1268-5	9.520	8.268	788415	30962741	0.898	90.521 #

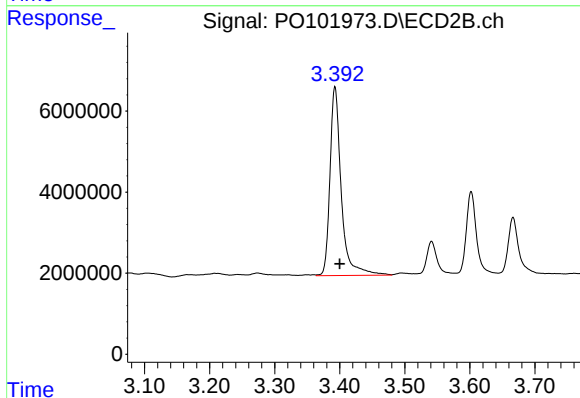
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

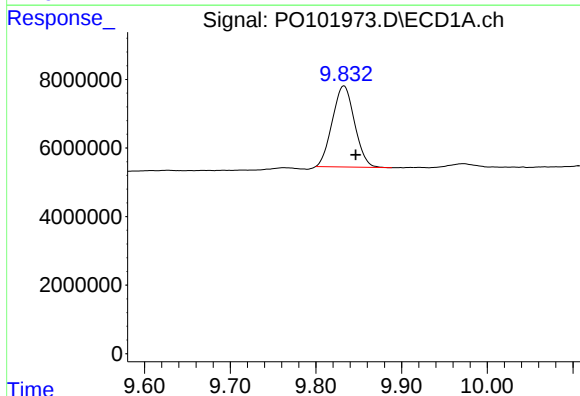
R.T.: 4.281 min
Delta R.T.: -0.010 min
Response: 72882839
Conc: 23.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



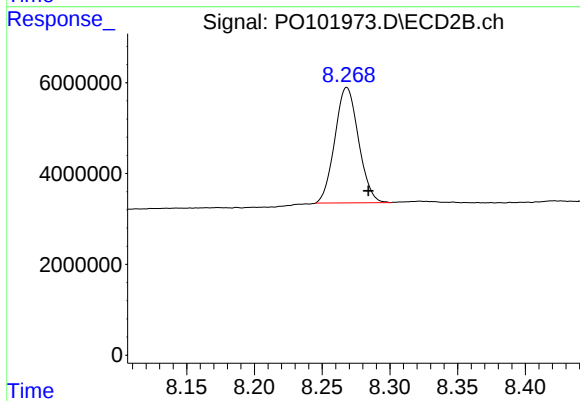
#1 Tetrachloro-m-xylene

R.T.: 3.393 min
Delta R.T.: -0.007 min
Response: 56368137
Conc: 21.21 ng/ml



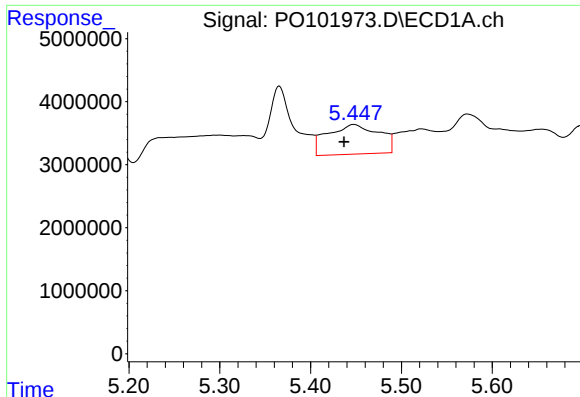
#2 Decachlorobiphenyl

R.T.: 9.833 min
Delta R.T.: -0.013 min
Response: 42589317
Conc: 20.31 ng/ml



#2 Decachlorobiphenyl

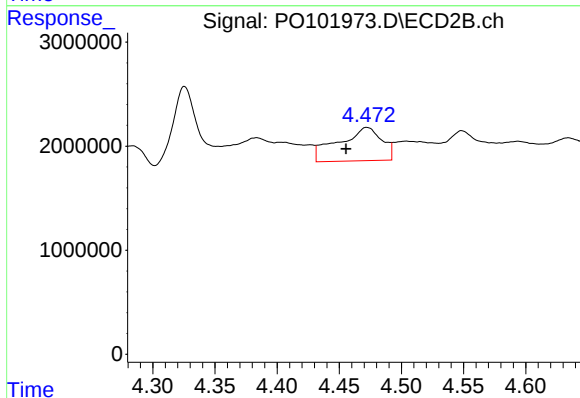
R.T.: 8.268 min
Delta R.T.: -0.016 min
Response: 30962741
Conc: 16.30 ng/ml



#3 AR-1016-1

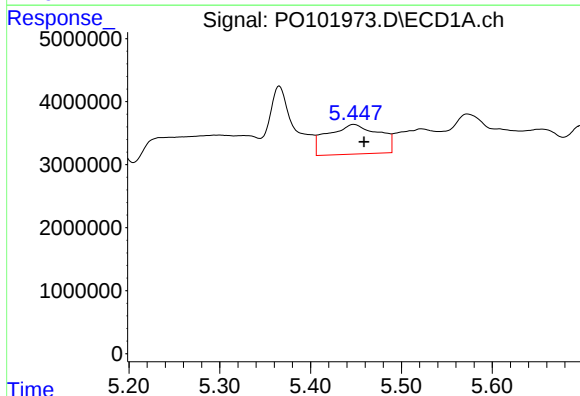
R.T.: 5.447 min
Delta R.T.: 0.011 min
Response: 18547756
Conc: 188.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



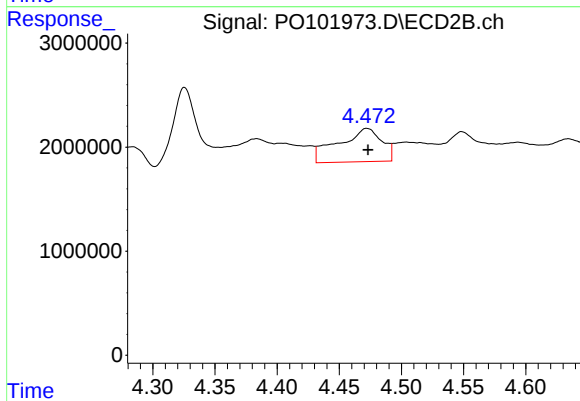
#3 AR-1016-1

R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 7776498
Conc: 106.59 ng/ml



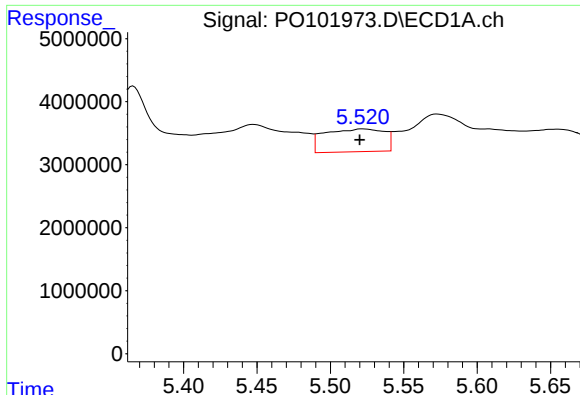
#4 AR-1016-2

R.T.: 5.447 min
Delta R.T.: -0.011 min
Response: 18547756
Conc: 127.58 ng/ml



#4 AR-1016-2

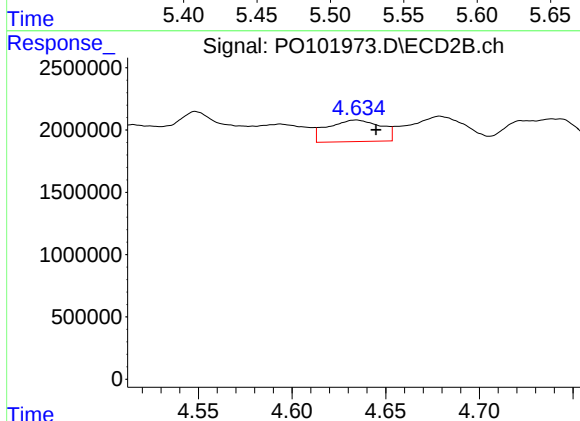
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 7776498
Conc: 73.71 ng/ml



#5 AR-1016-3

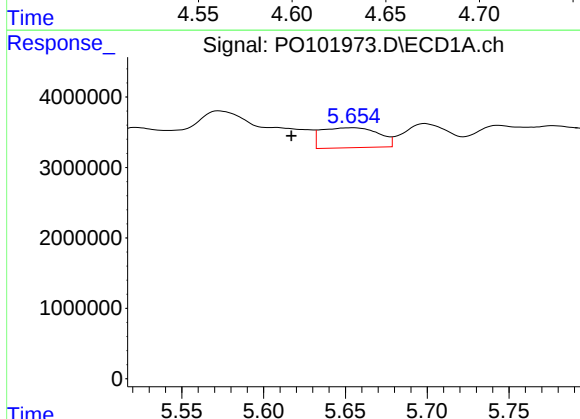
R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 10209480
Conc: 107.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



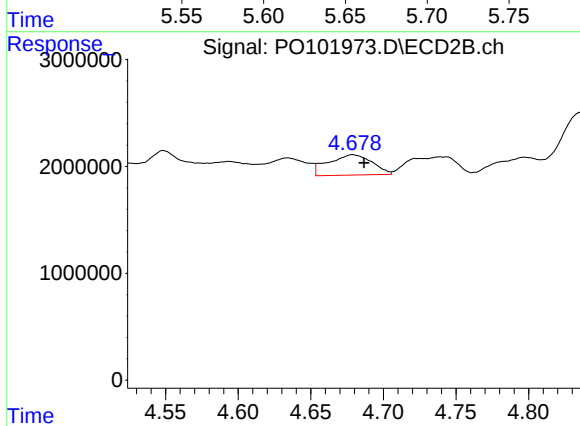
#5 AR-1016-3

R.T.: 4.634 min
Delta R.T.: -0.011 min
Response: 3419671
Conc: 59.61 ng/ml



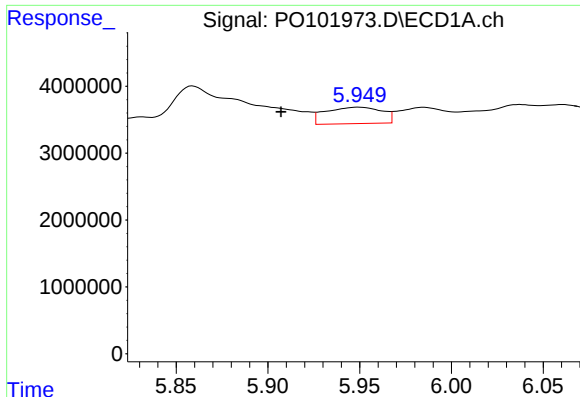
#6 AR-1016-4

R.T.: 5.655 min
Delta R.T.: 0.038 min
Response: 6879545
Conc: 90.18 ng/ml



#6 AR-1016-4

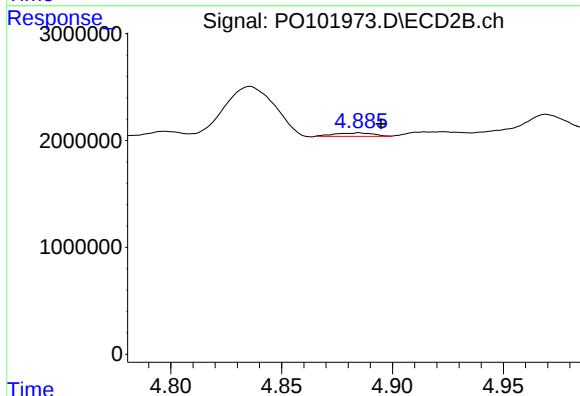
R.T.: 4.679 min
Delta R.T.: -0.008 min
Response: 3995074
Conc: 79.36 ng/ml



#7 AR-1016-5

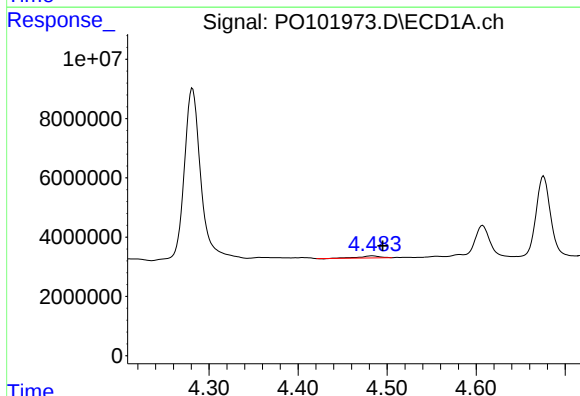
R.T.: 5.949 min
Delta R.T.: 0.042 min
Response: 5243326
Conc: 66.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



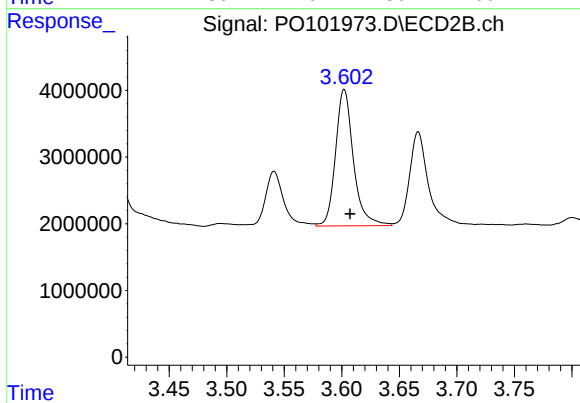
#7 AR-1016-5

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 386533
Conc: 6.11 ng/ml



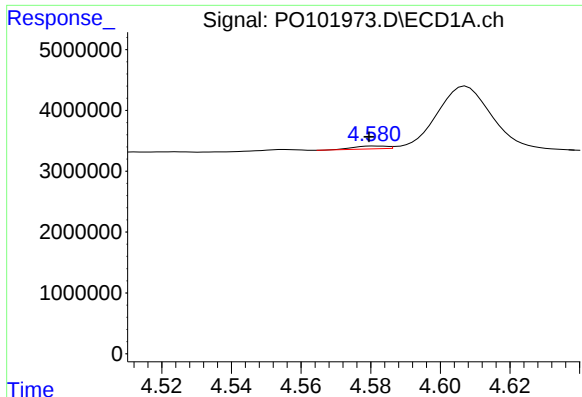
#8 AR-1221-1

R.T.: 4.484 min
Delta R.T.: -0.011 min
Response: 1078129
Conc: 34.23 ng/ml



#8 AR-1221-1

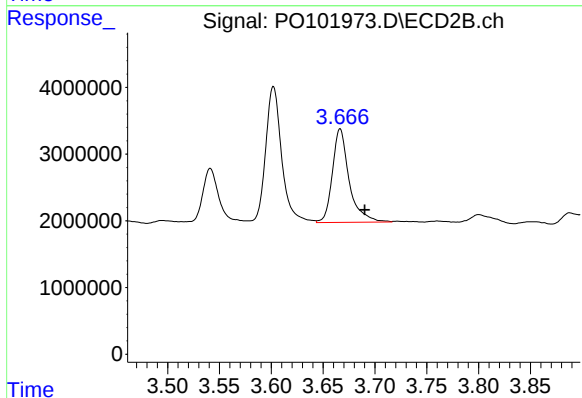
R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 22185376
Conc: 813.38 ng/ml



#9 AR-1221-2

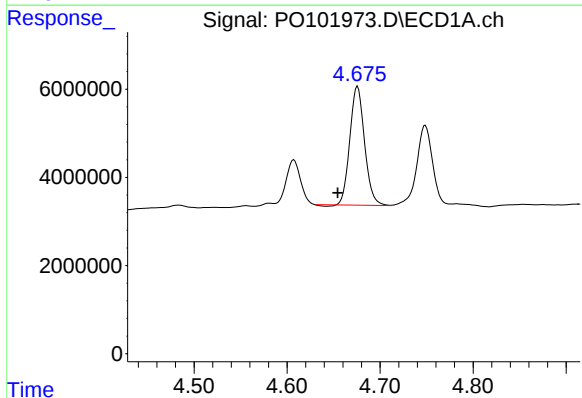
R.T.: 4.581 min
Delta R.T.: 0.002 min
Response: 296988
Conc: 12.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



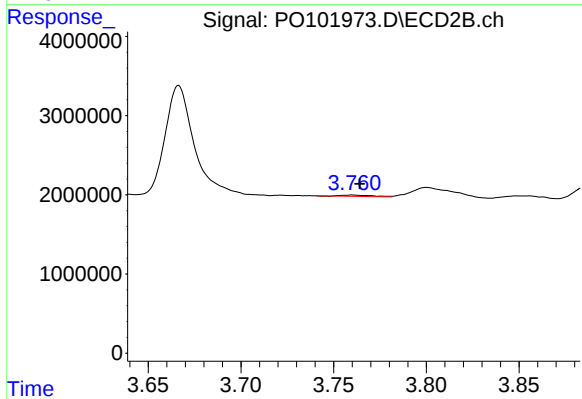
#9 AR-1221-2

R.T.: 3.666 min
Delta R.T.: -0.024 min
Response: 15778625
Conc: 806.27 ng/ml



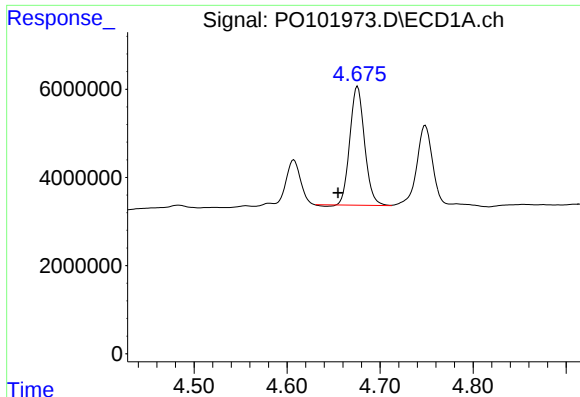
#10 AR-1221-3

R.T.: 4.676 min
Delta R.T.: 0.021 min
Response: 29512425
Conc: 413.44 ng/ml



#10 AR-1221-3

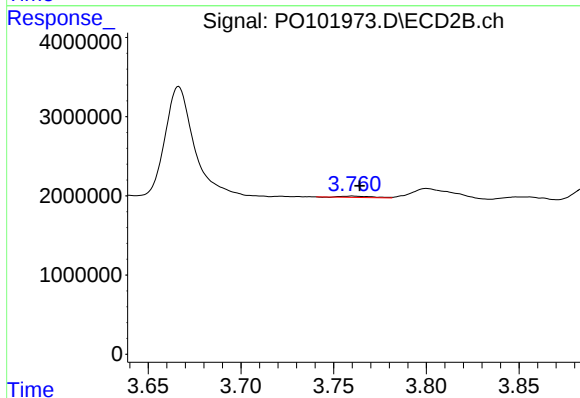
R.T.: 3.760 min
Delta R.T.: -0.004 min
Response: 174874
Conc: 2.87 ng/ml



#11 AR-1232-1

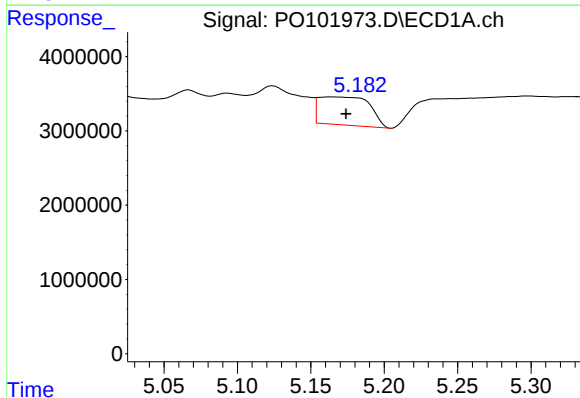
R.T.: 4.676 min
Delta R.T.: 0.021 min
Response: 29512425
Conc: 462.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



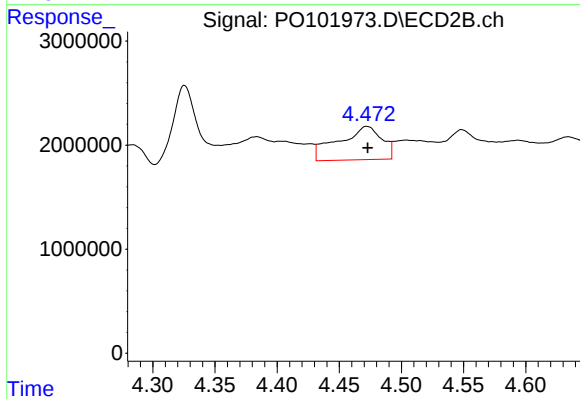
#11 AR-1232-1

R.T.: 3.760 min
Delta R.T.: -0.004 min
Response: 174874
Conc: 3.24 ng/ml



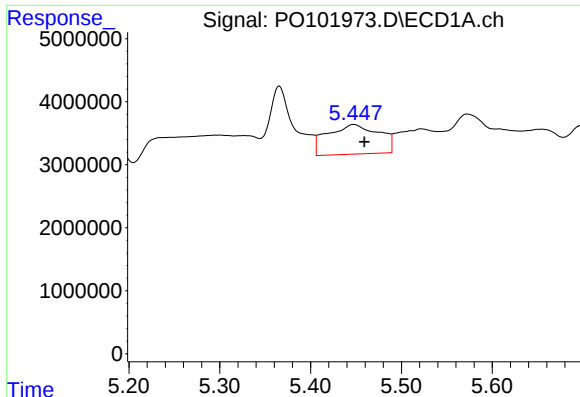
#12 AR-1232-2

R.T.: 5.165 min
Delta R.T.: -0.009 min
Response: 9104945
Conc: 237.15 ng/ml



#12 AR-1232-2

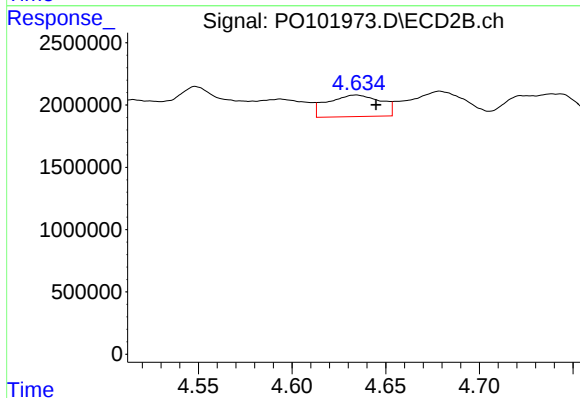
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 7776498
Conc: 157.77 ng/ml



#13 AR-1232-3

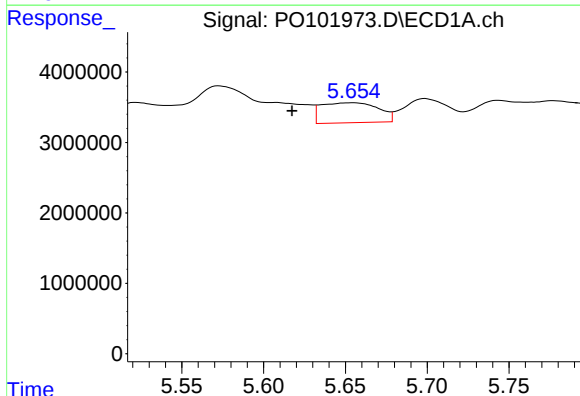
R.T.: 5.447 min
Delta R.T.: -0.012 min
Response: 18547756
Conc: 268.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



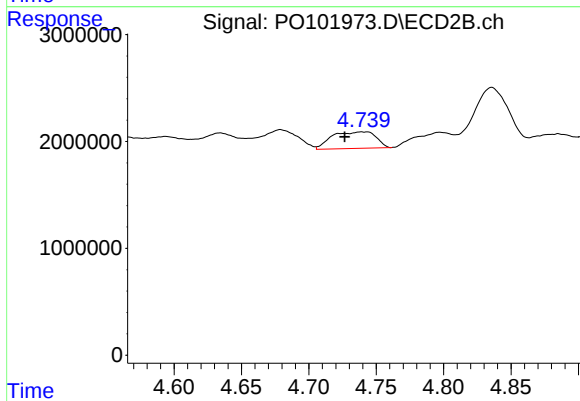
#13 AR-1232-3

R.T.: 4.634 min
Delta R.T.: -0.011 min
Response: 3419671
Conc: 133.20 ng/ml



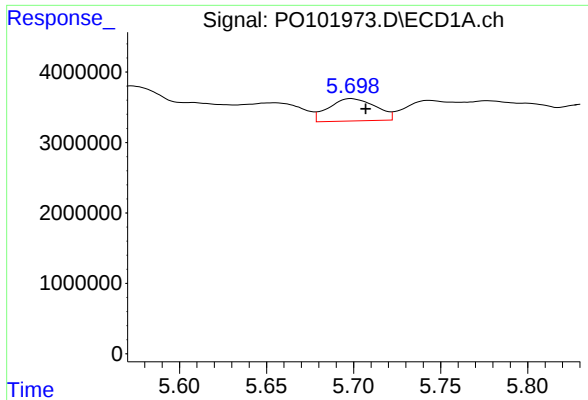
#14 AR-1232-4

R.T.: 5.655 min
Delta R.T.: 0.037 min
Response: 6879545
Conc: 189.18 ng/ml



#14 AR-1232-4

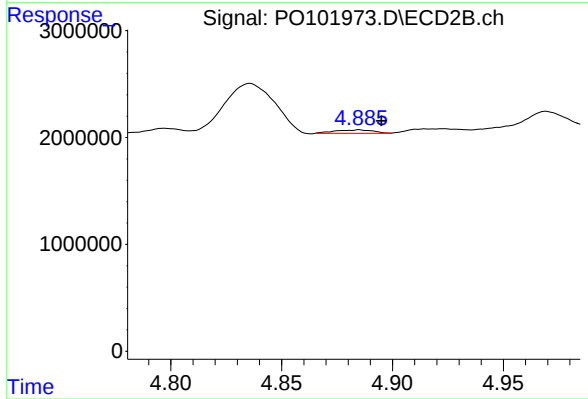
R.T.: 4.739 min
Delta R.T.: 0.012 min
Response: 3512319
Conc: 138.20 ng/ml



#15 AR-1232-5

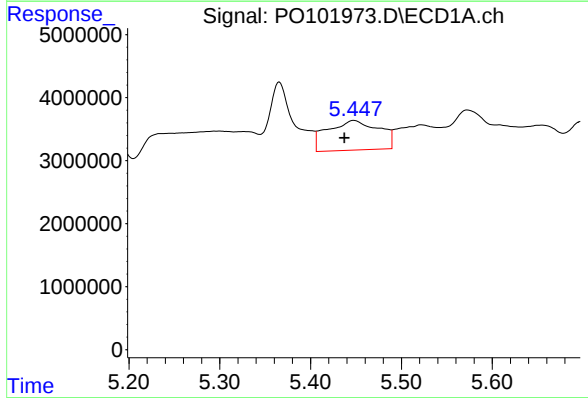
R.T.: 5.699 min
Delta R.T.: -0.008 min
Response: 5947194
Conc: 189.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



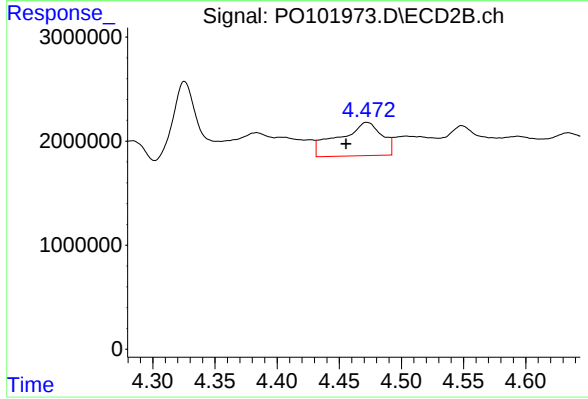
#15 AR-1232-5

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 386533
Conc: 14.66 ng/ml



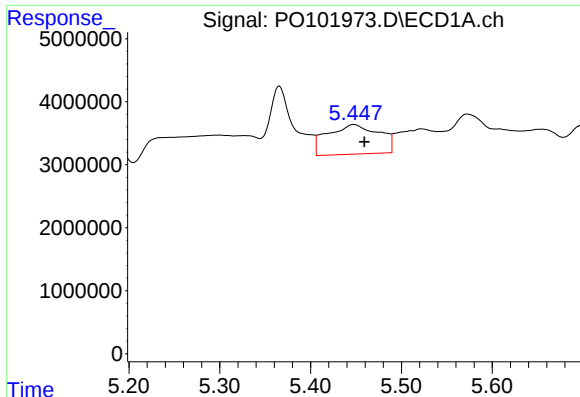
#16 AR-1242-1

R.T.: 5.447 min
Delta R.T.: 0.010 min
Response: 18547756
Conc: 252.15 ng/ml



#16 AR-1242-1

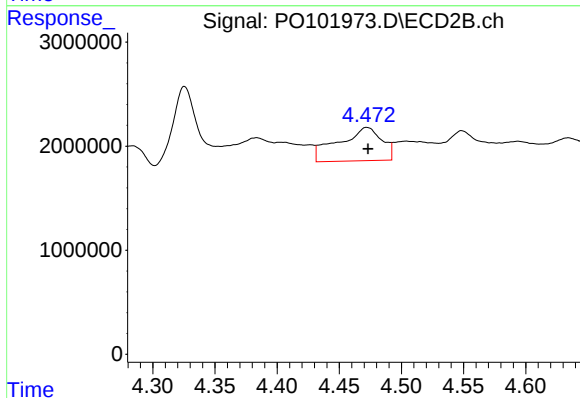
R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 7776498
Conc: 138.73 ng/ml



#17 AR-1242-2

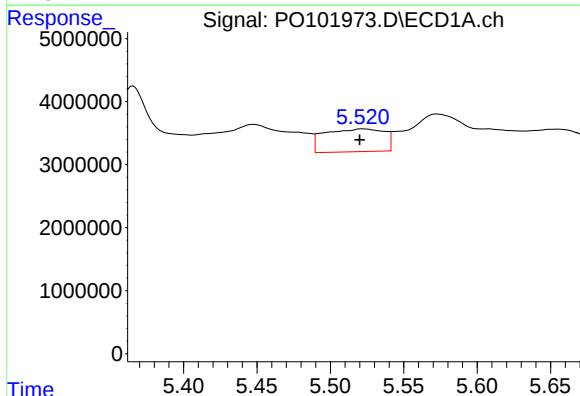
R.T.: 5.447 min
Delta R.T.: -0.012 min
Response: 18547756
Conc: 170.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



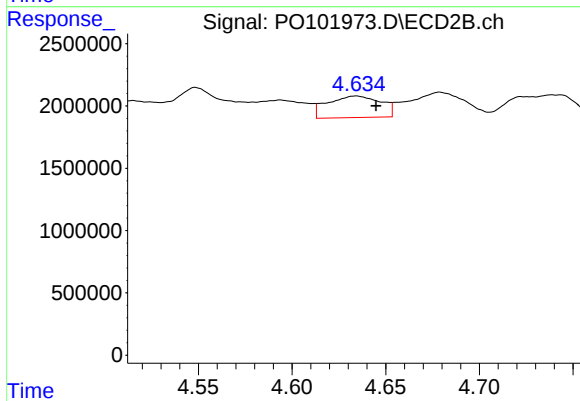
#17 AR-1242-2

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 7776498
Conc: 98.47 ng/ml



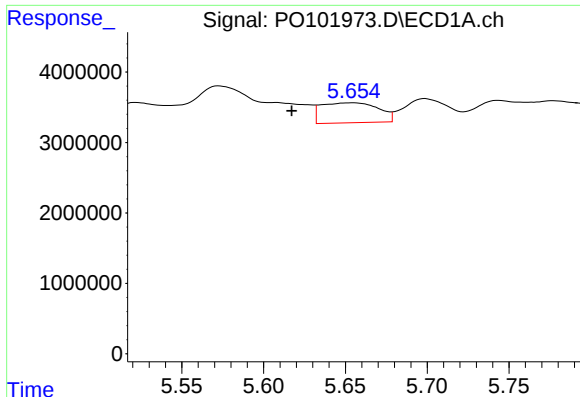
#18 AR-1242-3

R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 10209480
Conc: 144.73 ng/ml



#18 AR-1242-3

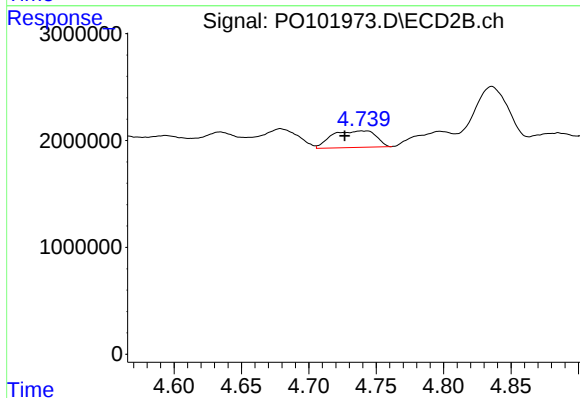
R.T.: 4.634 min
Delta R.T.: -0.011 min
Response: 3419671
Conc: 80.29 ng/ml



#19 AR-1242-4

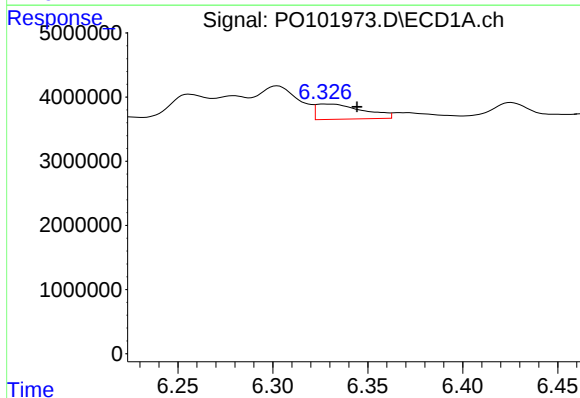
R.T.: 5.655 min
Delta R.T.: 0.038 min
Response: 6879545
Conc: 121.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



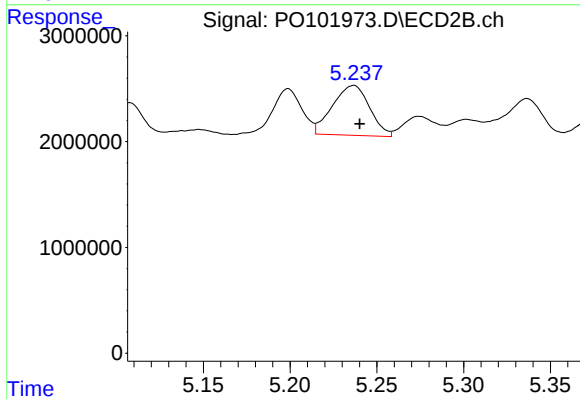
#19 AR-1242-4

R.T.: 4.739 min
Delta R.T.: 0.012 min
Response: 3512319
Conc: 75.84 ng/ml



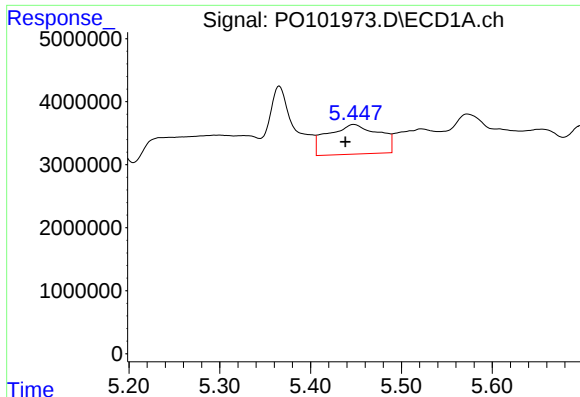
#20 AR-1242-5

R.T.: 6.327 min
Delta R.T.: -0.017 min
Response: 4079461
Conc: 73.88 ng/ml



#20 AR-1242-5

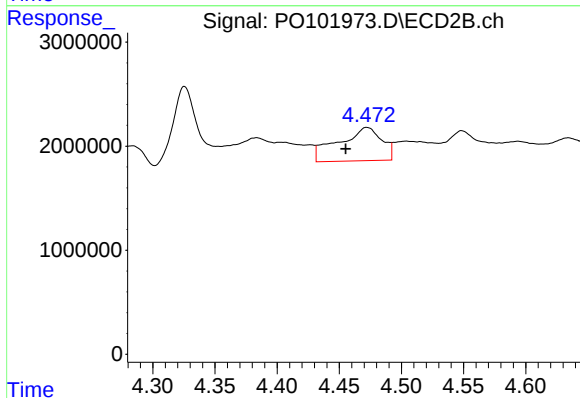
R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 7018348
Conc: 141.90 ng/ml



#21 AR-1248-1

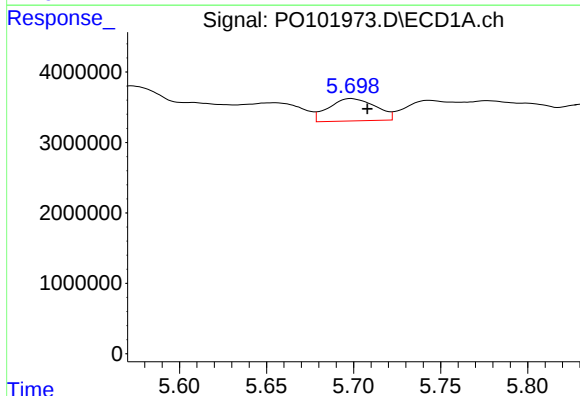
R.T.: 5.447 min
Delta R.T.: 0.009 min
Response: 18547756
Conc: 337.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



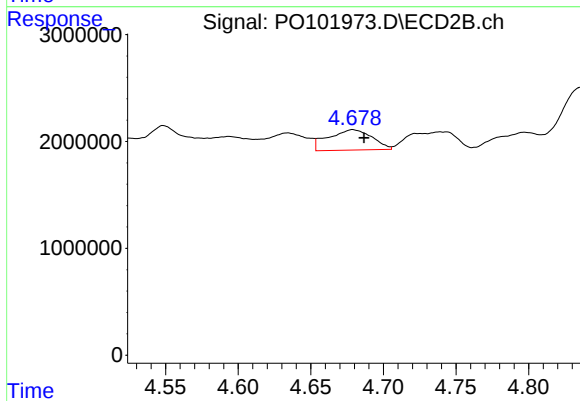
#21 AR-1248-1

R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 7776498
Conc: 180.50 ng/ml



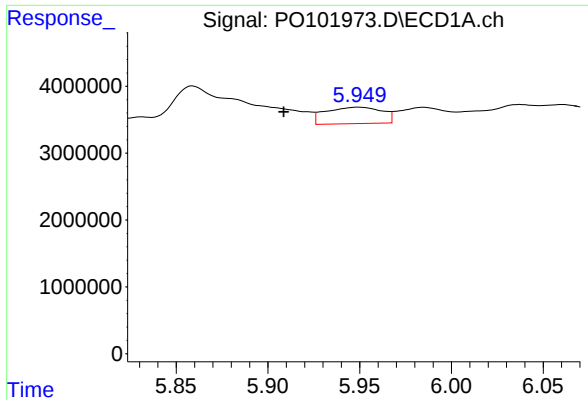
#22 AR-1248-2

R.T.: 5.699 min
Delta R.T.: -0.009 min
Response: 5947194
Conc: 63.54 ng/ml



#22 AR-1248-2

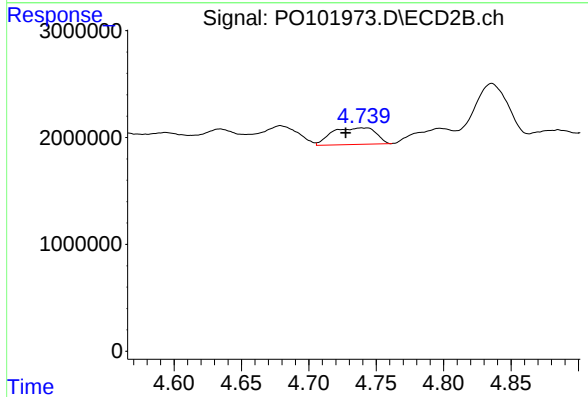
R.T.: 4.679 min
Delta R.T.: -0.008 min
Response: 3995074
Conc: 60.31 ng/ml



#23 AR-1248-3

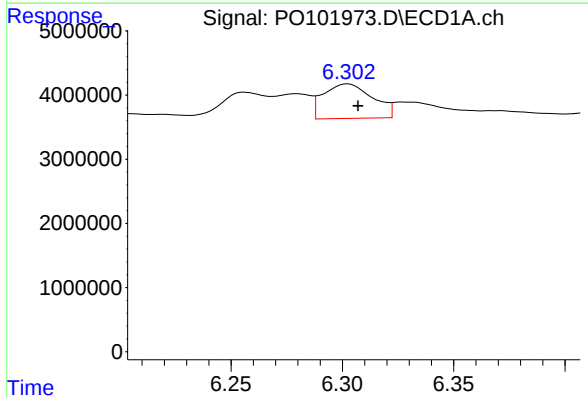
R.T.: 5.949 min
Delta R.T.: 0.041 min
Response: 5243326
Conc: 53.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



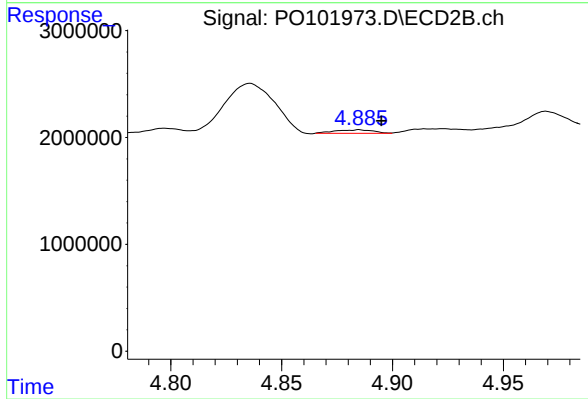
#23 AR-1248-3

R.T.: 4.739 min
Delta R.T.: 0.011 min
Response: 3512319
Conc: 51.04 ng/ml



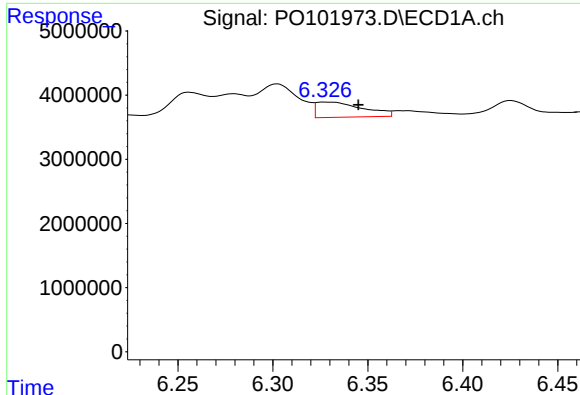
#24 AR-1248-4

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 8326012
Conc: 90.91 ng/ml



#24 AR-1248-4

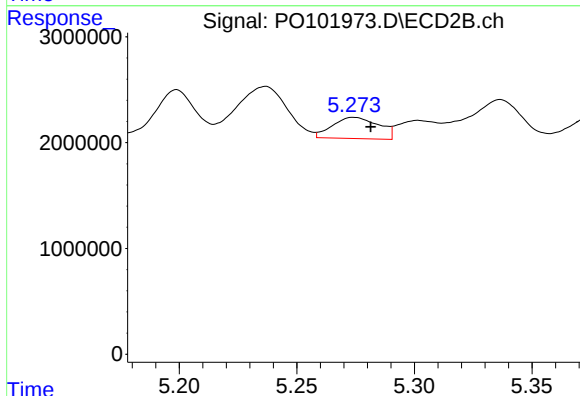
R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 386533
Conc: 4.92 ng/ml



#25 AR-1248-5

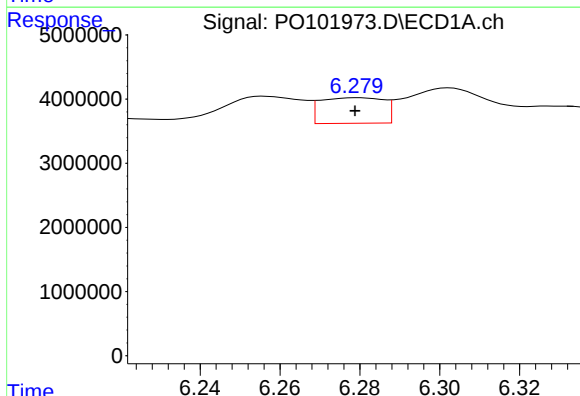
R.T.: 6.327 min
Delta R.T.: -0.018 min
Response: 4079461
Conc: 45.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



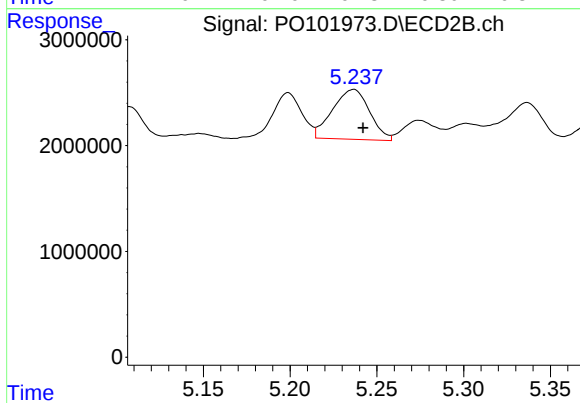
#25 AR-1248-5

R.T.: 5.274 min
Delta R.T.: -0.007 min
Response: 2742693
Conc: 42.01 ng/ml



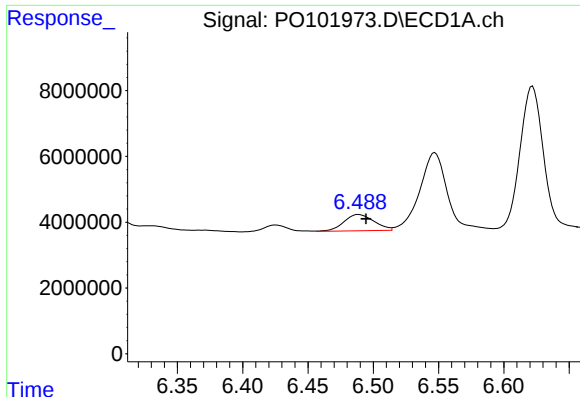
#26 AR-1254-1

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 4389840
Conc: 39.52 ng/ml



#26 AR-1254-1

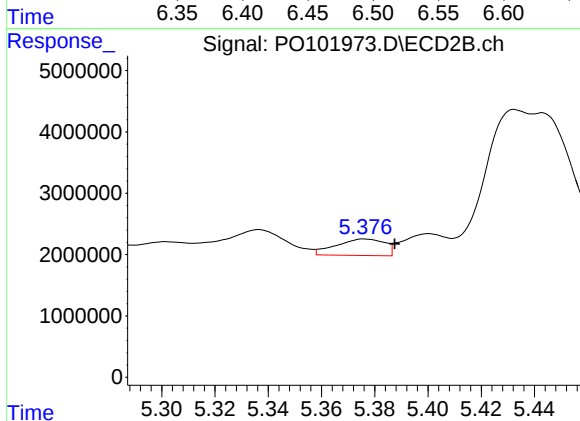
R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 7018348
Conc: 60.38 ng/ml



#27 AR-1254-2

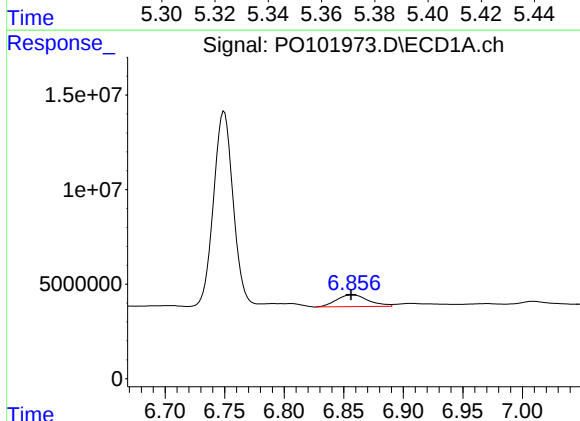
R.T.: 6.489 min
Delta R.T.: -0.006 min
Response: 7959766
Conc: 48.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



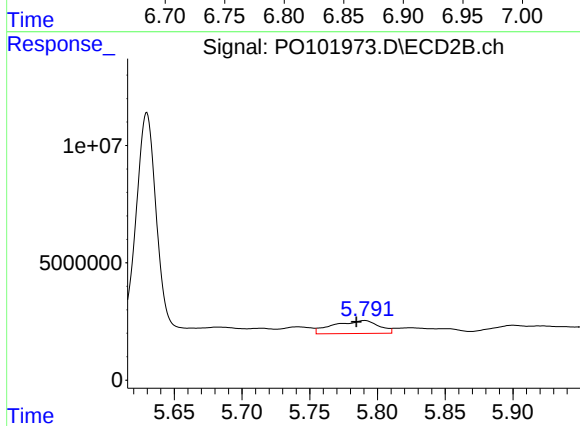
#27 AR-1254-2

R.T.: 5.376 min
Delta R.T.: -0.011 min
Response: 3426114
Conc: 32.41 ng/ml



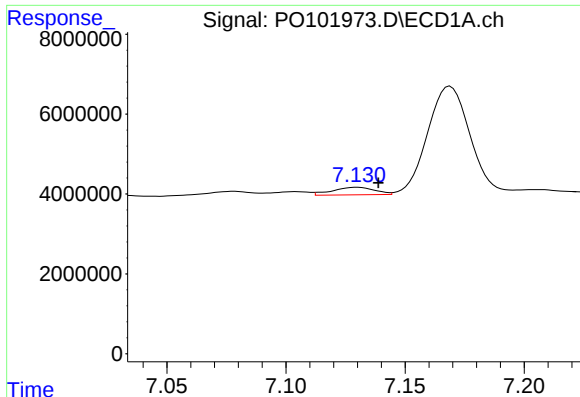
#28 AR-1254-3

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 11663454
Conc: 72.45 ng/ml



#28 AR-1254-3

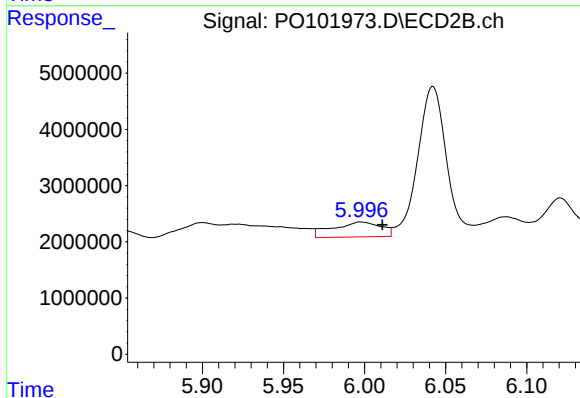
R.T.: 5.791 min
Delta R.T.: 0.006 min
Response: 12794088
Conc: 79.13 ng/ml



#29 AR-1254-4

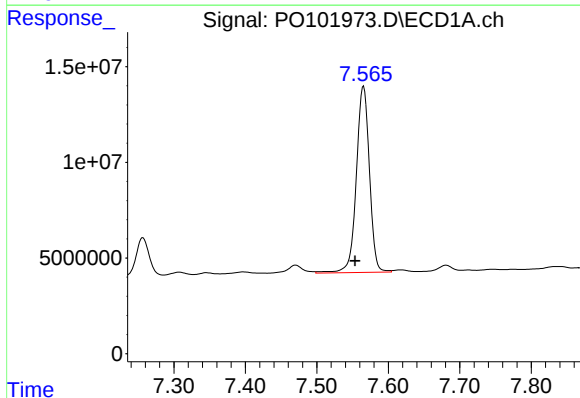
R.T.: 7.130 min
Delta R.T.: -0.009 min
Response: 2322280
Conc: 23.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



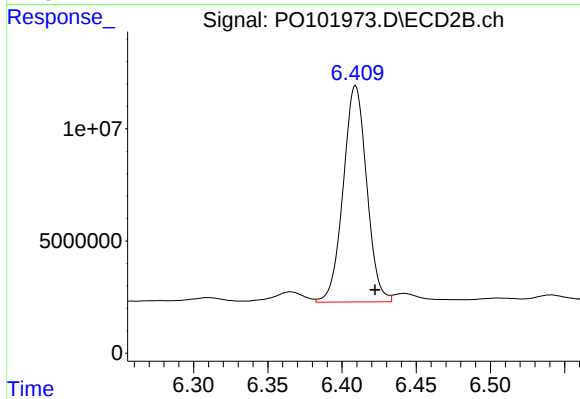
#29 AR-1254-4

R.T.: 5.998 min
Delta R.T.: -0.013 min
Response: 5486688
Conc: 65.26 ng/ml



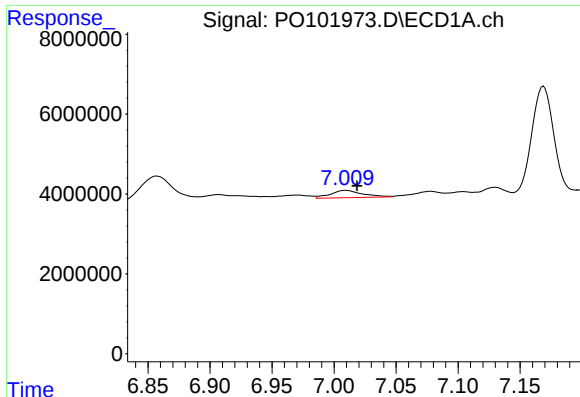
#30 AR-1254-5

R.T.: 7.565 min
Delta R.T.: 0.012 min
Response: 124341304
Conc: 1038.09 ng/ml



#30 AR-1254-5

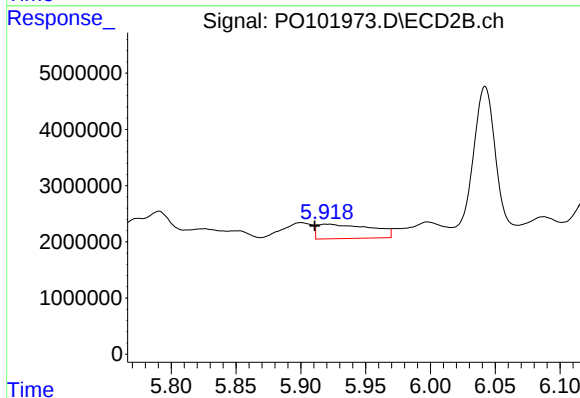
R.T.: 6.409 min
Delta R.T.: -0.013 min
Response: 106238239
Conc: 792.90 ng/ml



#31 AR-1260-1

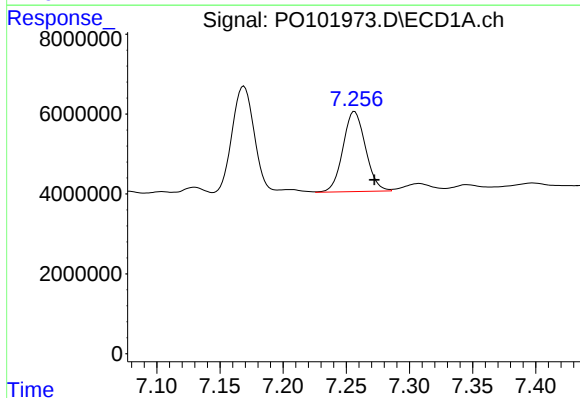
R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 3285725
Conc: 25.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



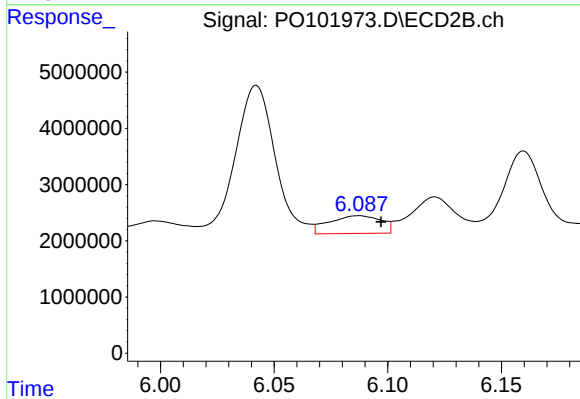
#31 AR-1260-1

R.T.: 5.920 min
Delta R.T.: 0.009 min
Response: 7469181
Conc: 60.50 ng/ml



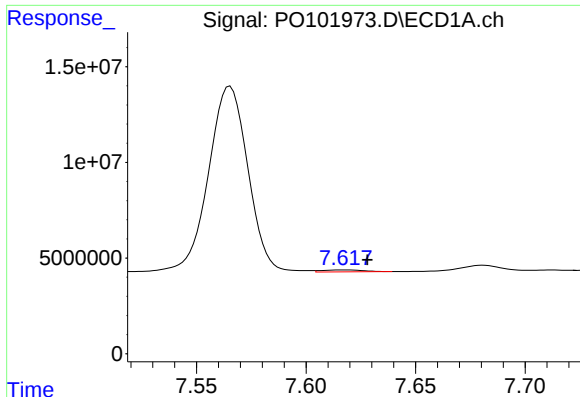
#32 AR-1260-2

R.T.: 7.257 min
Delta R.T.: -0.016 min
Response: 24938246
Conc: 174.97 ng/ml



#32 AR-1260-2

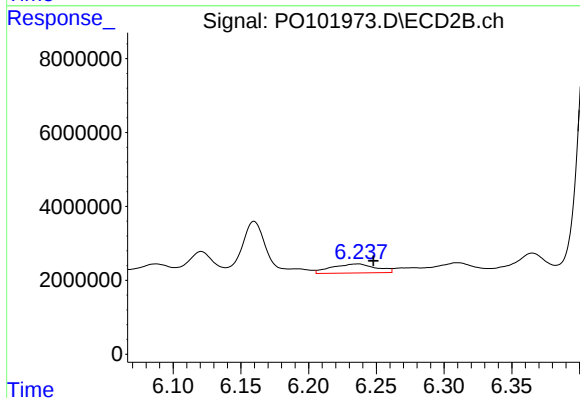
R.T.: 6.087 min
Delta R.T.: -0.010 min
Response: 5034155
Conc: 34.87 ng/ml



#33 AR-1260-3

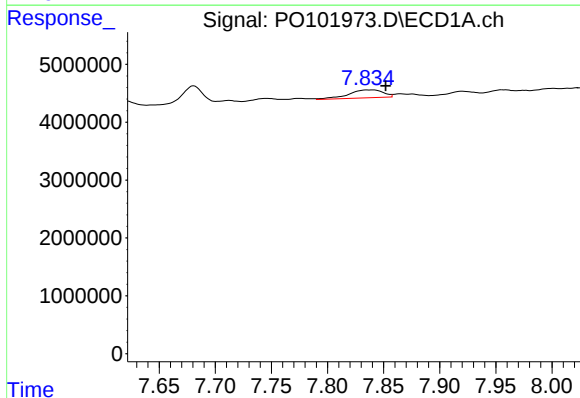
R.T.: 7.618 min
Delta R.T.: -0.010 min
Response: 1282580
Conc: 12.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



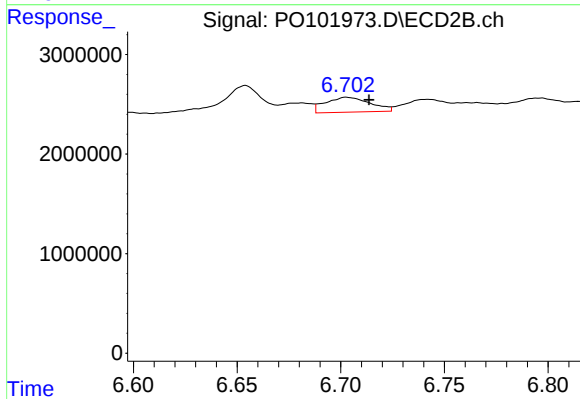
#33 AR-1260-3

R.T.: 6.236 min
Delta R.T.: -0.012 min
Response: 5560588
Conc: 42.54 ng/ml



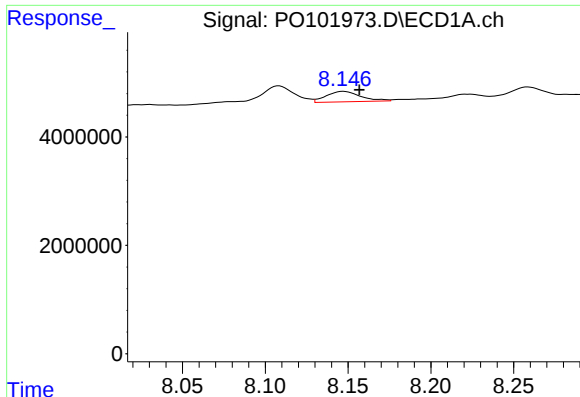
#34 AR-1260-4

R.T.: 7.840 min
Delta R.T.: -0.012 min
Response: 2888987
Conc: 25.86 ng/ml



#34 AR-1260-4

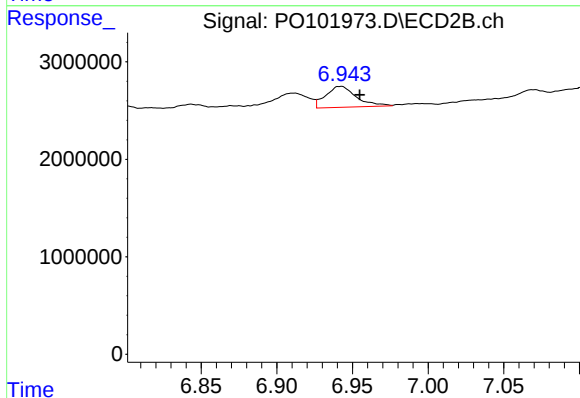
R.T.: 6.703 min
Delta R.T.: -0.011 min
Response: 2249530
Conc: 20.40 ng/ml



#35 AR-1260-5

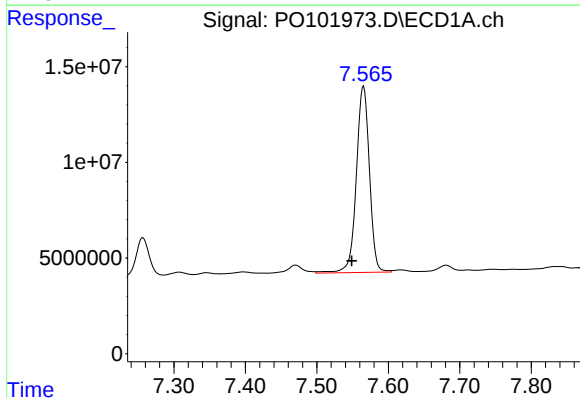
R.T.: 8.147 min
Delta R.T.: -0.010 min
Response: 2781261
Conc: 12.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



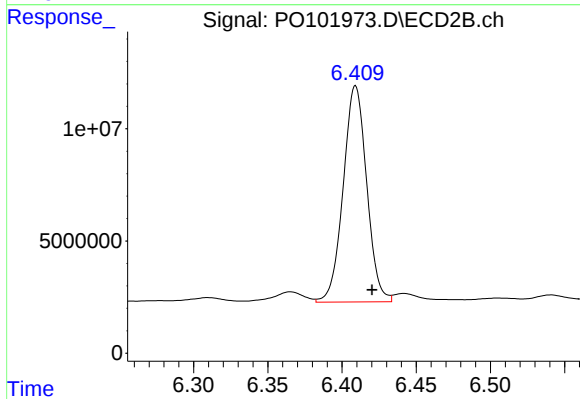
#35 AR-1260-5

R.T.: 6.942 min
Delta R.T.: -0.013 min
Response: 3009407
Conc: 12.73 ng/ml



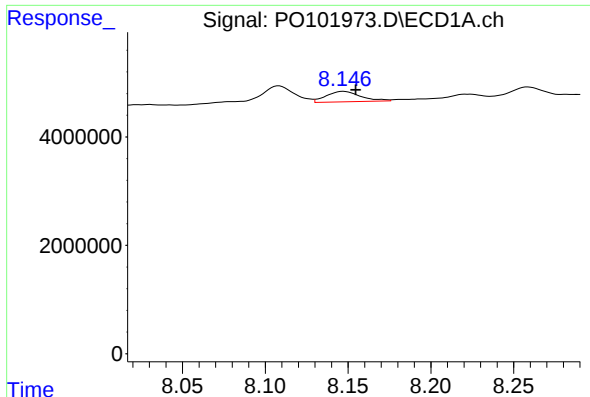
#36 AR-1262-1

R.T.: 7.565 min
Delta R.T.: 0.017 min
Response: 124341304
Conc: 1030.17 ng/ml



#36 AR-1262-1

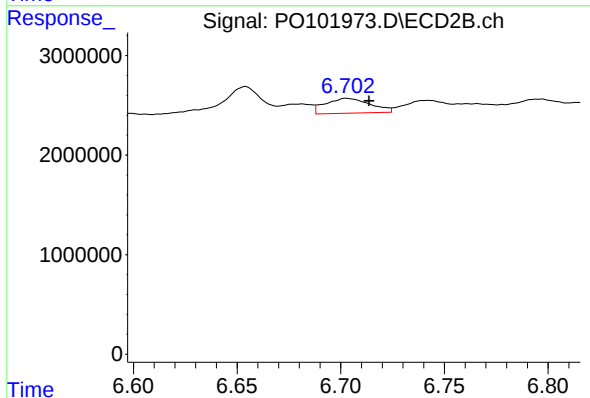
R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 106238239
Conc: 1267.03 ng/ml



#37 AR-1262-2

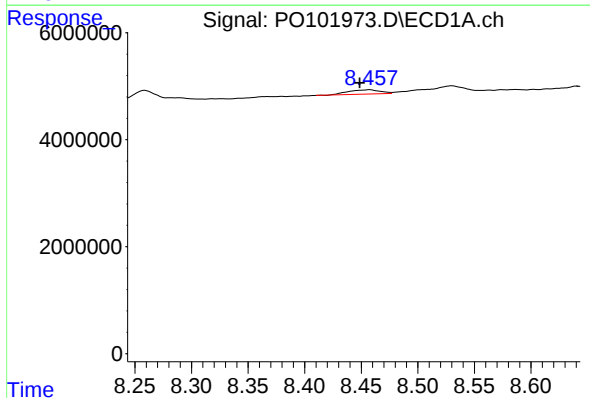
R.T.: 8.147 min
Delta R.T.: -0.008 min
Response: 2781261
Conc: 9.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



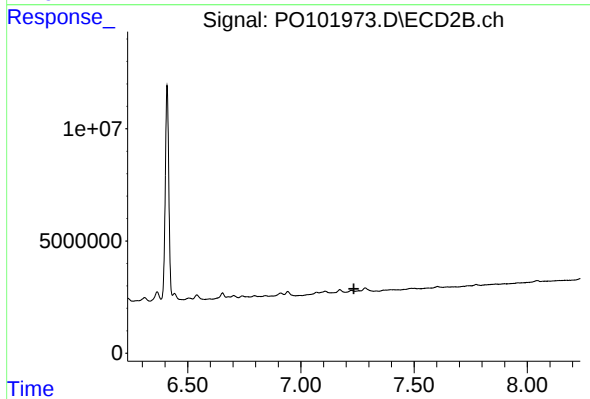
#37 AR-1262-2

R.T.: 6.703 min
Delta R.T.: -0.011 min
Response: 2249530
Conc: 14.79 ng/ml



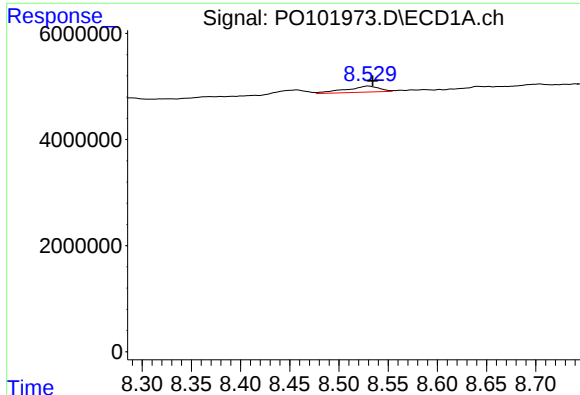
#38 AR-1262-3

R.T.: 8.457 min
Delta R.T.: 0.009 min
Response: 1595829
Conc: 7.56 ng/ml



#38 AR-1262-3

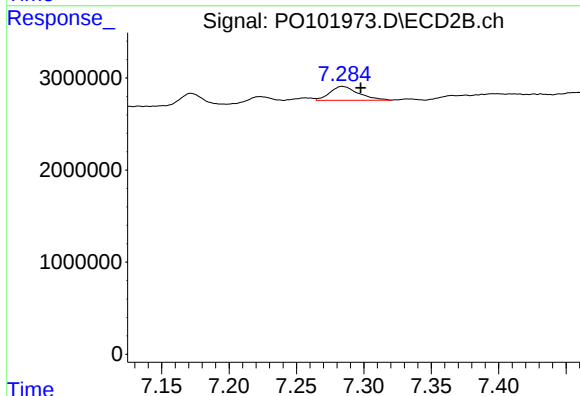
R.T.: 7.223 min
Delta R.T.: -0.011 min
Response: -192180
Conc: N.D.



#39 AR-1262-4

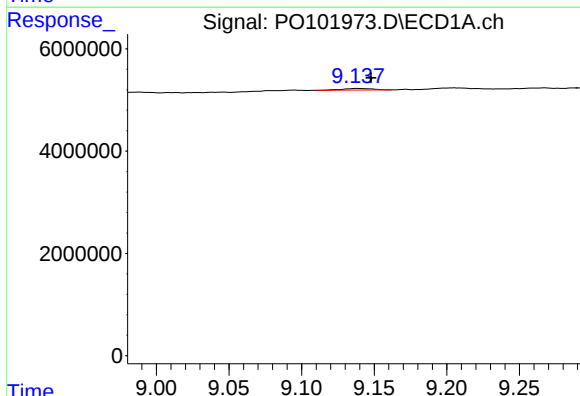
R.T.: 8.530 min
Delta R.T.: -0.004 min
Response: 2684711
Conc: 15.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



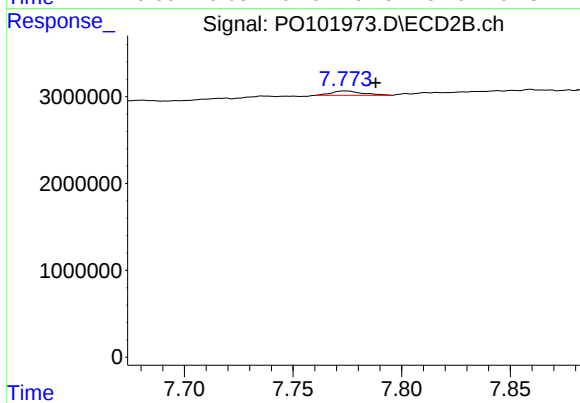
#39 AR-1262-4

R.T.: 7.284 min
Delta R.T.: -0.014 min
Response: 2252270
Conc: 10.48 ng/ml



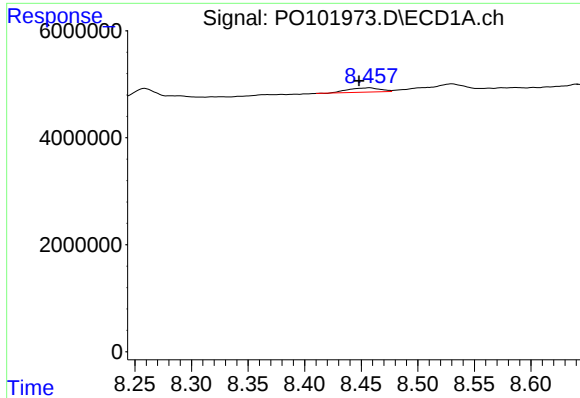
#40 AR-1262-5

R.T.: 9.138 min
Delta R.T.: -0.010 min
Response: 456434
Conc: 4.43 ng/ml



#40 AR-1262-5

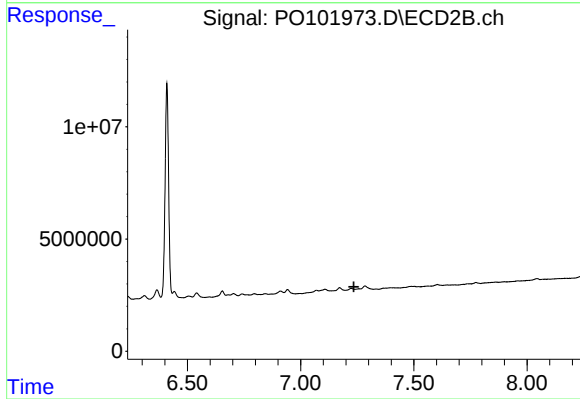
R.T.: 7.774 min
Delta R.T.: -0.014 min
Response: 491764
Conc: 5.45 ng/ml



#41 AR-1268-1

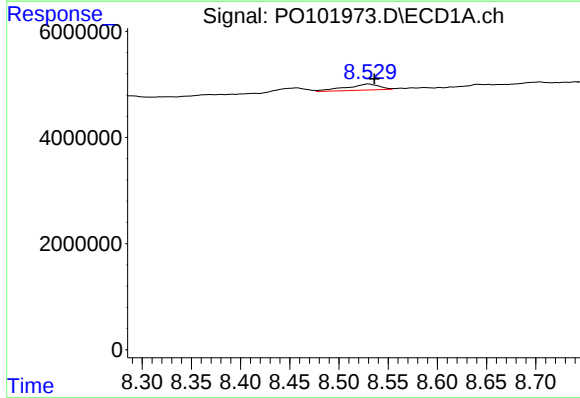
R.T.: 8.457 min
Delta R.T.: 0.009 min
Response: 1595829
Conc: 4.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



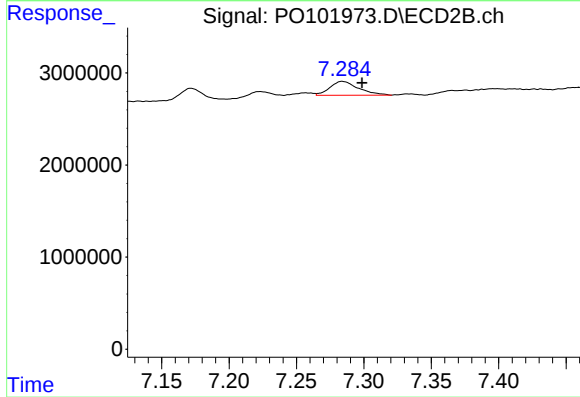
#41 AR-1268-1

R.T.: 7.223 min
Delta R.T.: -0.012 min
Response: -192180
Conc: N.D.



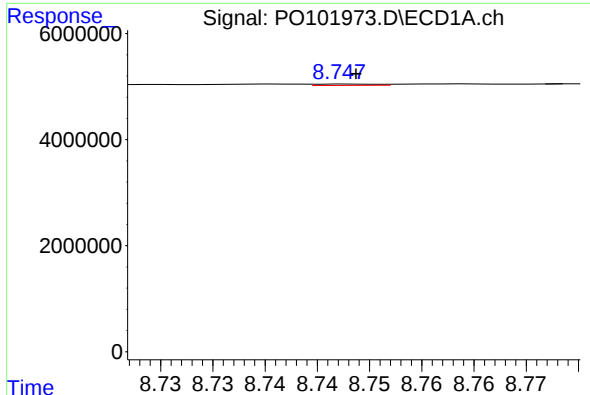
#42 AR-1268-2

R.T.: 8.530 min
Delta R.T.: -0.006 min
Response: 2684711
Conc: 8.07 ng/ml



#42 AR-1268-2

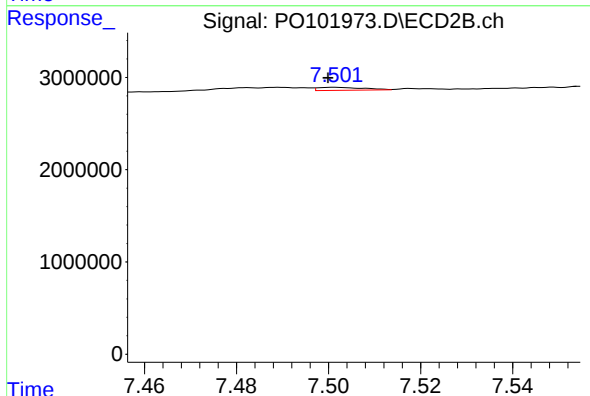
R.T.: 7.284 min
Delta R.T.: -0.015 min
Response: 2252270
Conc: 7.95 ng/ml



#43 AR-1268-3

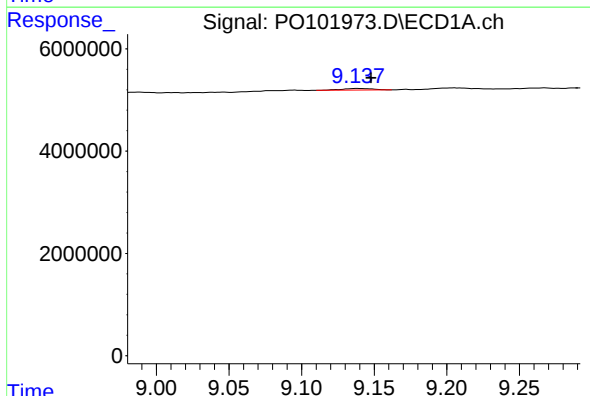
R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 108099
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



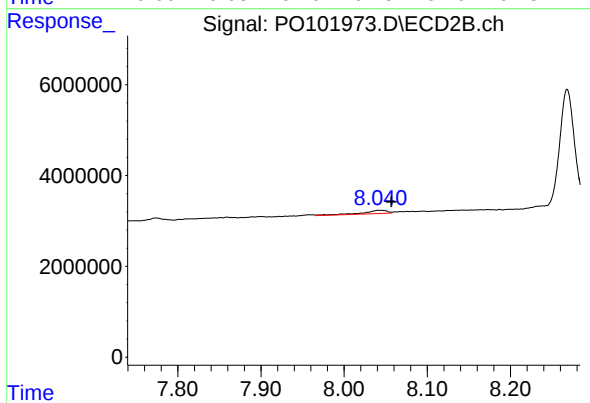
#43 AR-1268-3

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 224749
Conc: 0.95 ng/ml



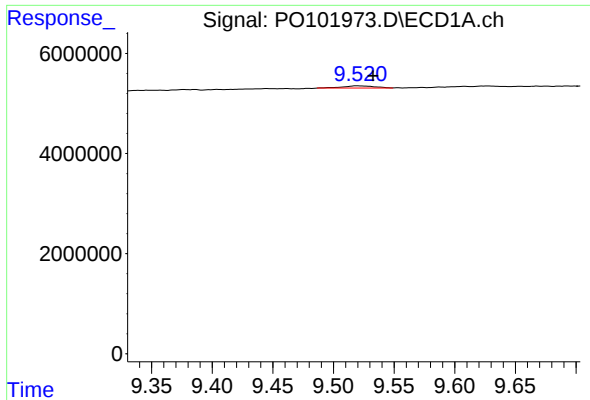
#44 AR-1268-4

R.T.: 9.138 min
Delta R.T.: -0.010 min
Response: 456434
Conc: 4.56 ng/ml



#44 AR-1268-4

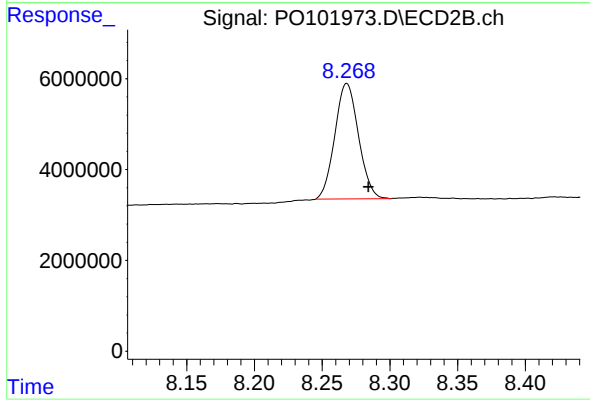
R.T.: 8.042 min
Delta R.T.: -0.015 min
Response: 1443064
Conc: 2.00 ng/ml



#45 AR-1268-5

R.T.: 9.520 min
Delta R.T.: -0.012 min
Response: 788415
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
8



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.016 min
Response: 30962741
Conc: 90.52 ng/ml