

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0012225\
 Data File : P0109018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 10:37
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 13:11:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 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...	3.700	3.696	382.7E6	256.7E6	50.643	47.892
2)	SA Decachlor...	8.759	8.710	331.0E6	156.5E6	47.784	45.515
Target Compounds							
3)	L1 AR-1016-1	4.795	4.800	81274723	53167320	322.152	328.360
4)	L1 AR-1016-2	4.814	4.831	80512994	12586507	233.449	52.832 #
5)	L1 AR-1016-3	4.870	5.017	45012194	73940032	184.388	567.121 #
6)	L1 AR-1016-4	4.992	5.060	55735646	78916962	292.071	714.061 #
7)	L1 AR-1016-5	5.249	5.272	138.9E6	32773352	665.144	228.317 #
8)	L2 AR-1221-1	3.913	3.905	2561908	839617	25.593	12.821 #
9)	L2 AR-1221-2	4.002	3.996	7982524	4594086	107.282	93.021
10)	L2 AR-1221-3	4.077	4.069	8785398	5169813	42.234	35.614
11)	L3 AR-1232-1	4.077	4.069	8785398	5169813	53.206	44.757
12)	L3 AR-1232-2	4.571	4.800	36385705	53167320	399.924	488.162
13)	L3 AR-1232-3	4.814	4.977	80512994	36393501	502.729	606.893
14)	L3 AR-1232-4	4.992	5.060	55735646	78916962	633.349	1378.175 #
15)	L3 AR-1232-5	5.034	5.231	112.7E6	91525258	1738.267	1508.527
16)	L4 AR-1242-1	4.795	4.781	81274723	51707681	382.576	361.815
17)	L4 AR-1242-2	4.814	4.800	80512994	53167320	280.801	269.588
18)	L4 AR-1242-3	4.870	4.977	45012194	36393501	219.883	333.754 #
19)	L4 AR-1242-4	4.992	5.060	55735646	78916962	350.827	694.424 #
20)	L4 AR-1242-5	5.646	5.582	135.2E6	124.2E6	809.267	907.634
21)	L5 AR-1248-1	4.795	4.781	81274723	51707681	509.331	481.810
22)	L5 AR-1248-2	5.034	5.017	112.7E6	73940032	504.146	480.203
23)	L5 AR-1248-3	5.249	5.060	138.9E6	78916962	507.034	477.202
24)	L5 AR-1248-4	5.604	5.231	193.2E6	91525258	502.417	477.924
25)	L5 AR-1248-5	5.646	5.624	135.2E6	87713351	508.801	478.753
26)	L6 AR-1254-1	5.604	5.582	193.2E6	124.2E6	467.202	441.692
27)	L6 AR-1254-2	5.753	5.730	59194375	41895080	163.599	167.405
28)	L6 AR-1254-3	6.160	6.134	86052654	59781316	152.543	152.184
29)	L6 AR-1254-4	6.388	6.361	61550942	37822444	178.605	171.645
30)	L6 AR-1254-5	6.809	6.779	20814281	12513703	40.566	38.302
31)	L7 AR-1260-1	6.277	6.278	10908443	23477910	28.619	93.148 #
32)	L7 AR-1260-2	6.479	6.451	9679538	6080344	20.613	20.214
33)	L7 AR-1260-3	6.878	6.639	2309881	46840	5.899	0.168 #
34)	L7 AR-1260-4	7.109	7.113	1319634	3265569	3.687	14.472 #
35)	L7 AR-1260-5	7.349	7.346	3110727	594324	3.727	1.187 #
36)	L8 AR-1262-1	6.878	6.849	2309881	1238011	4.325	3.637
37)	L8 AR-1262-2	7.349	7.315	3110727	1833661	3.383	3.306
38)	L8 AR-1262-3	7.637	7.604	1052755	697205	2.888	3.251
39)	L8 AR-1262-4	7.697	7.662	3106668	1590946	4.518	4.060
40)	L8 AR-1262-5	8.197	8.156	753200	297636	2.493	1.867 #
41)	L9 AR-1268-1	7.637	7.604	1052755	697205	0.989	1.108

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012225\
 Data File : P0109018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 10:37
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

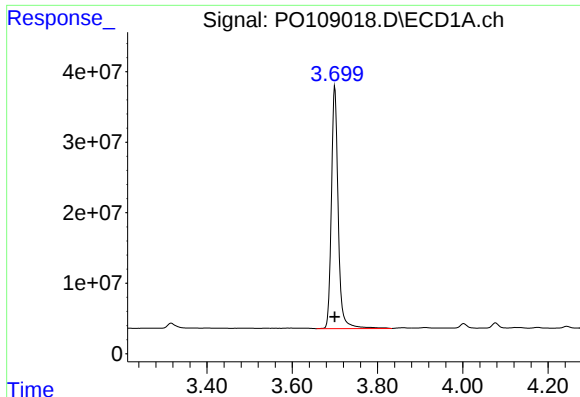
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 13:11:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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	7.697	7.662	3106668	1590946	3.206	2.786
43) L9	AR-1268-3	7.908	7.875	1147899	1160456	1.425	2.520 #
44) L9	AR-1268-4	8.197	8.156	753200	297636	2.199	1.649 #
45) L9	AR-1268-5	8.495	8.451	2777728	1253899	1.162	1.048

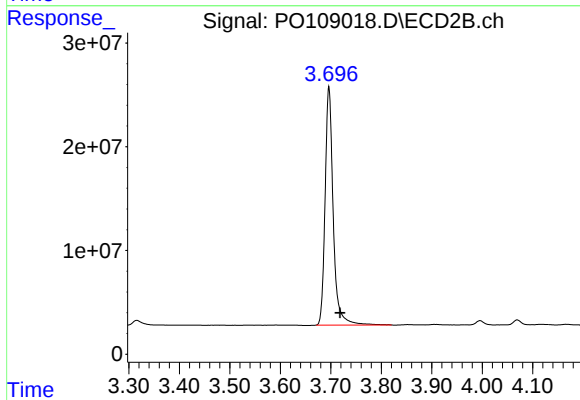
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

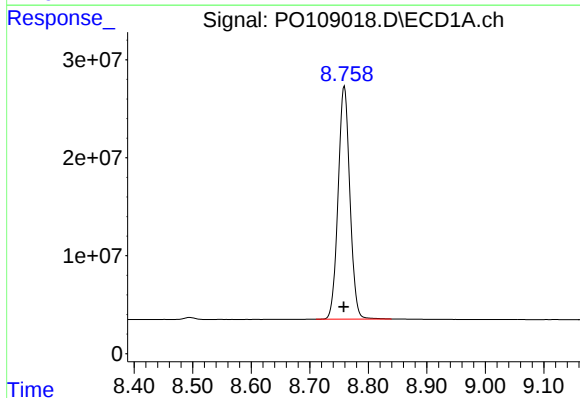
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 382678599
Conc: 50.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



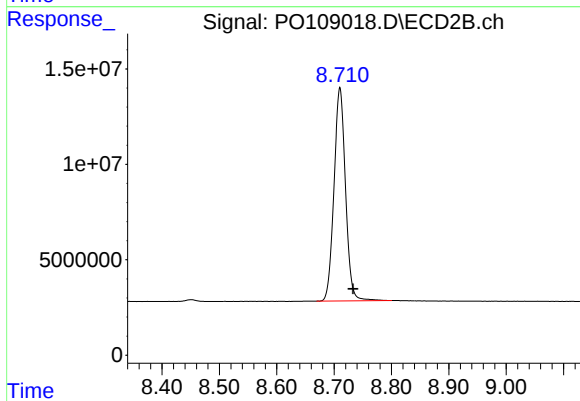
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.022 min
Response: 256714387
Conc: 47.89 ng/ml



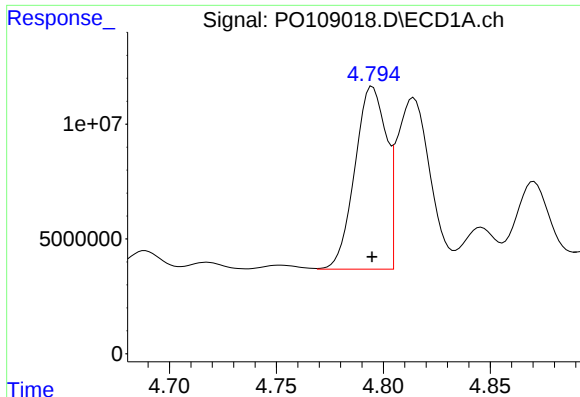
#2 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: 0.000 min
Response: 331034699
Conc: 47.78 ng/ml



#2 Decachlorobiphenyl

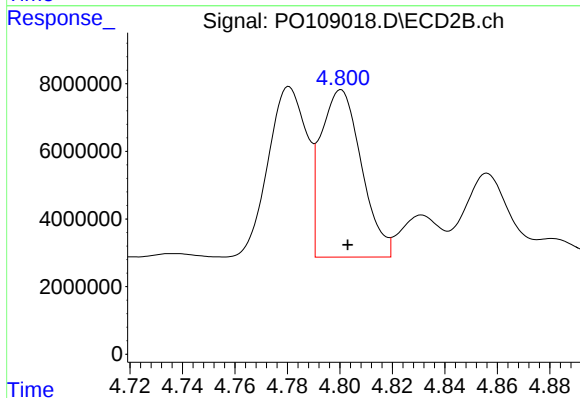
R.T.: 8.710 min
Delta R.T.: -0.023 min
Response: 156516204
Conc: 45.52 ng/ml



#3 AR-1016-1

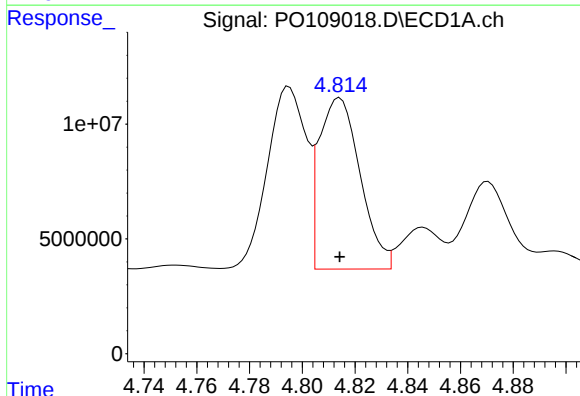
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 81274723
Conc: 322.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



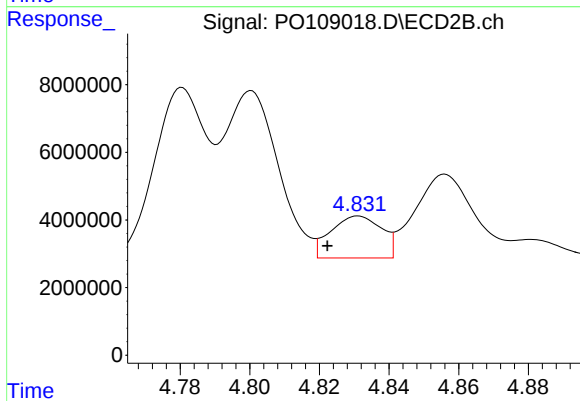
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 53167320
Conc: 328.36 ng/ml



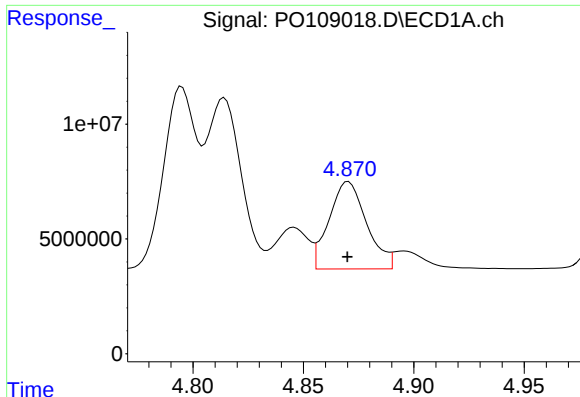
#4 AR-1016-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 80512994
Conc: 233.45 ng/ml



#4 AR-1016-2

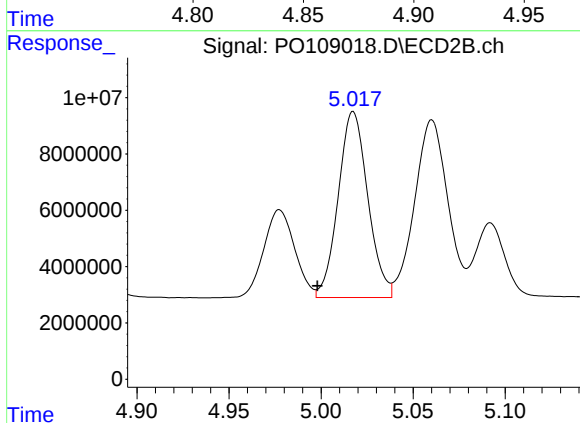
R.T.: 4.831 min
Delta R.T.: 0.009 min
Response: 12586507
Conc: 52.83 ng/ml



#5 AR-1016-3

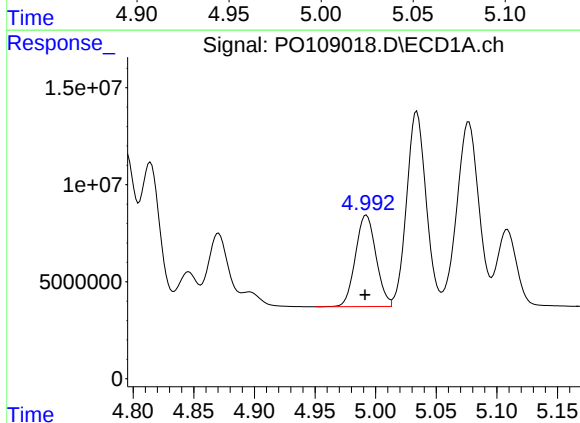
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 45012194
Conc: 184.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



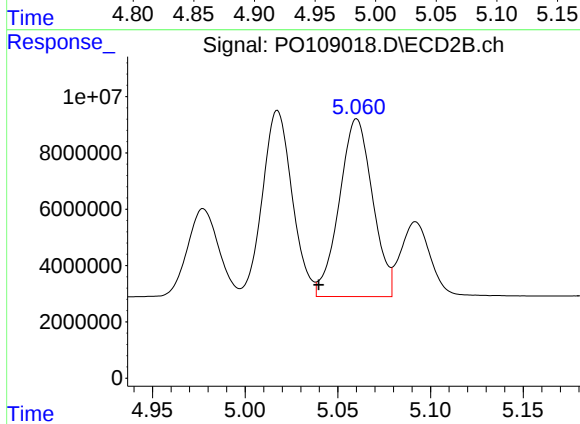
#5 AR-1016-3

R.T.: 5.017 min
Delta R.T.: 0.019 min
Response: 73940032
Conc: 567.12 ng/ml



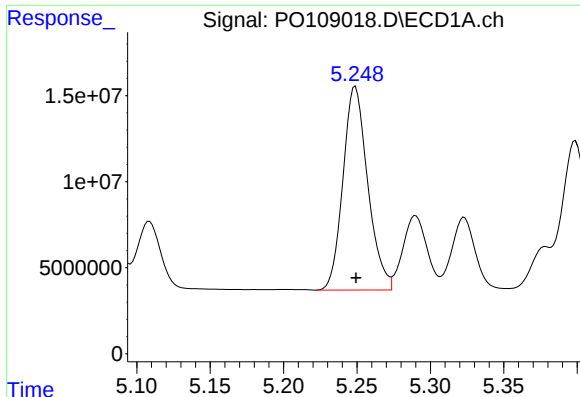
#6 AR-1016-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 55735646
Conc: 292.07 ng/ml



#6 AR-1016-4

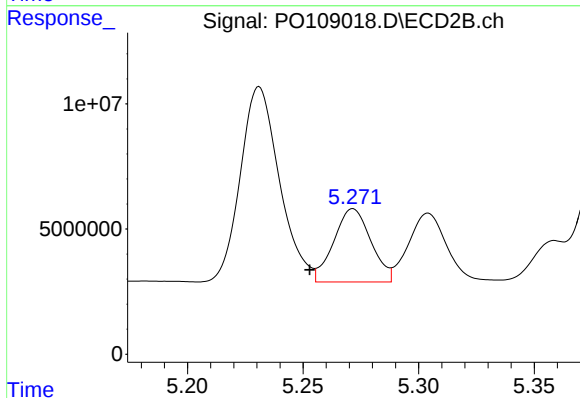
R.T.: 5.060 min
Delta R.T.: 0.021 min
Response: 78916962
Conc: 714.06 ng/ml



#7 AR-1016-5

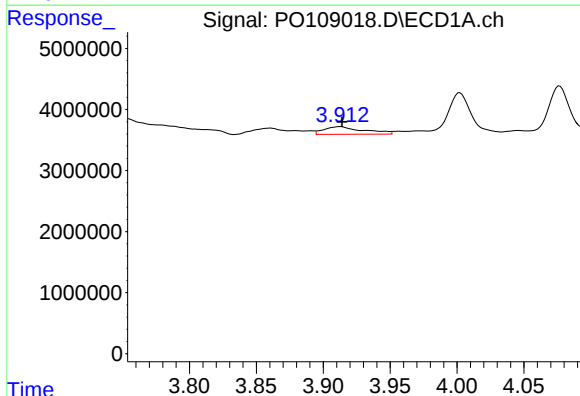
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 138856395
Conc: 665.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



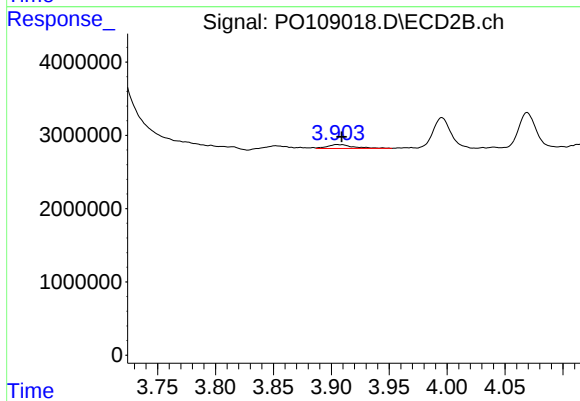
#7 AR-1016-5

R.T.: 5.272 min
Delta R.T.: 0.019 min
Response: 32773352
Conc: 228.32 ng/ml



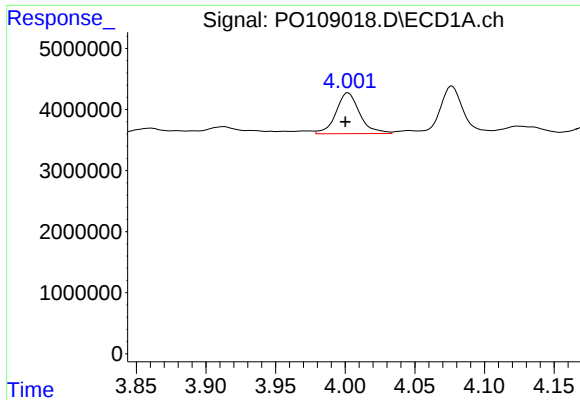
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 2561908
Conc: 25.59 ng/ml



#8 AR-1221-1

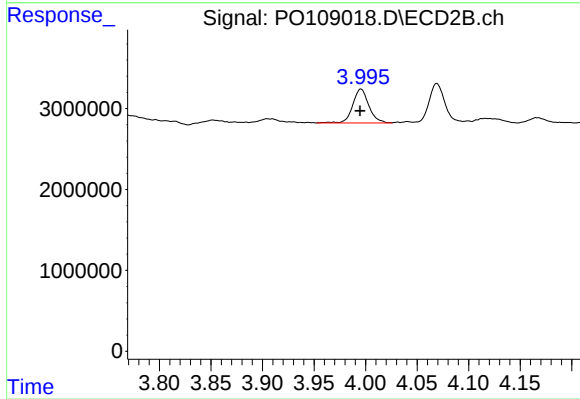
R.T.: 3.905 min
Delta R.T.: -0.004 min
Response: 839617
Conc: 12.82 ng/ml



#9 AR-1221-2

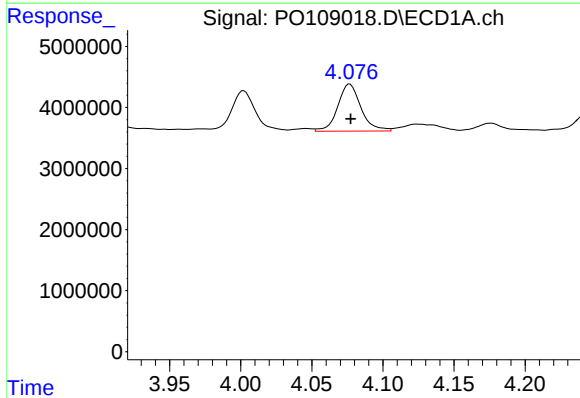
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 7982524
Conc: 107.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



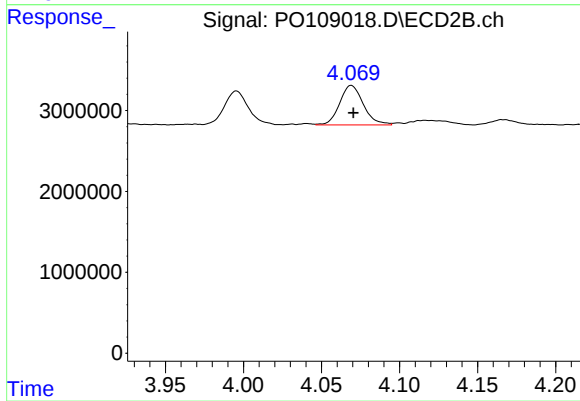
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 4594086
Conc: 93.02 ng/ml



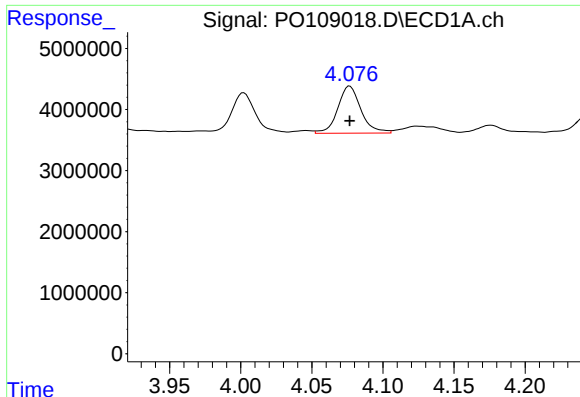
#10 AR-1221-3

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 8785398
Conc: 42.23 ng/ml



#10 AR-1221-3

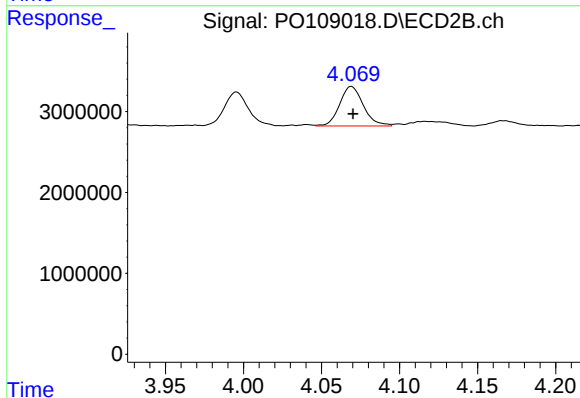
R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 5169813
Conc: 35.61 ng/ml



#11 AR-1232-1

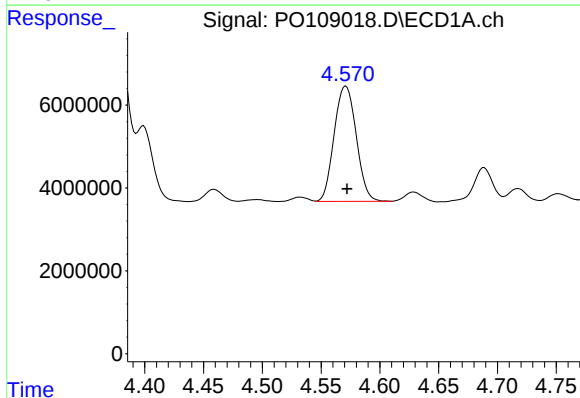
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 8785398
Conc: 53.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



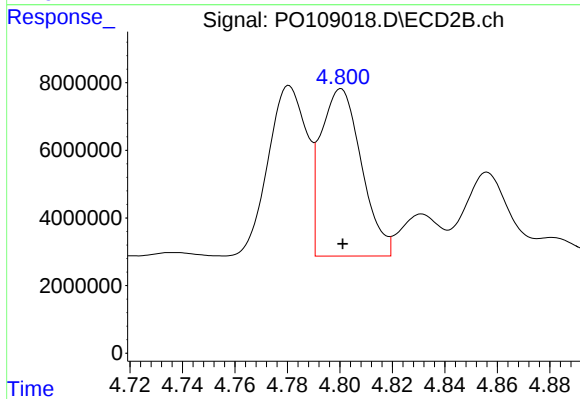
#11 AR-1232-1

R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 5169813
Conc: 44.76 ng/ml



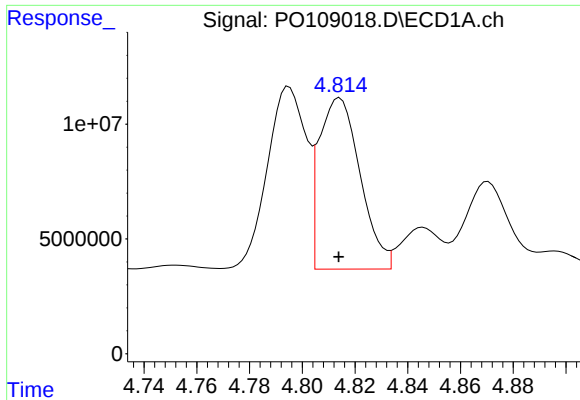
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 36385705
Conc: 399.92 ng/ml



#12 AR-1232-2

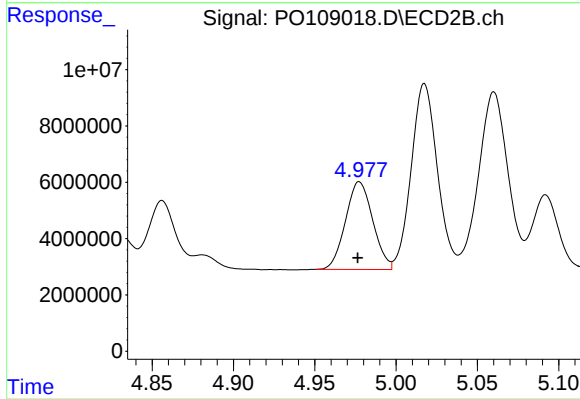
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 53167320
Conc: 488.16 ng/ml



#13 AR-1232-3

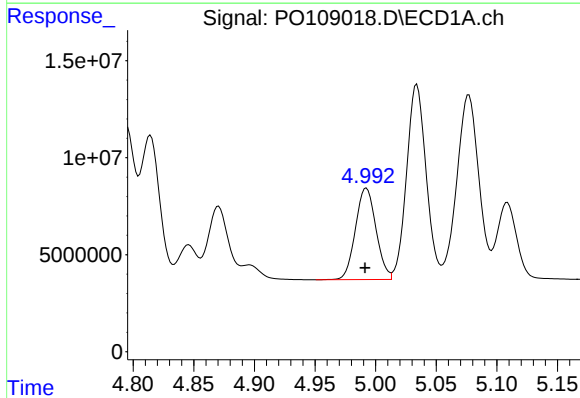
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 80512994
Conc: 502.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



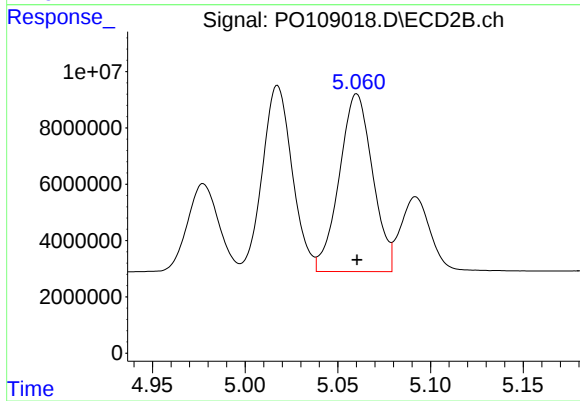
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 36393501
Conc: 606.89 ng/ml



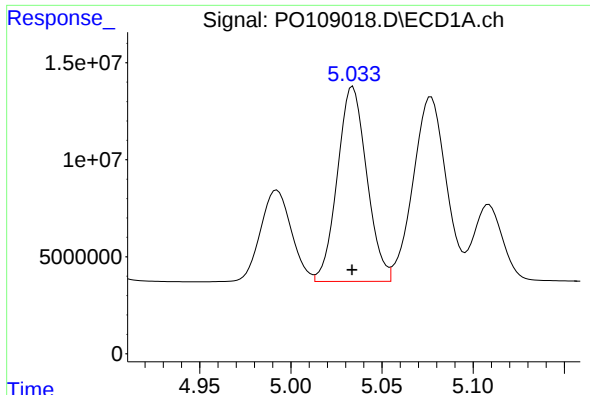
#14 AR-1232-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 55735646
Conc: 633.35 ng/ml



#14 AR-1232-4

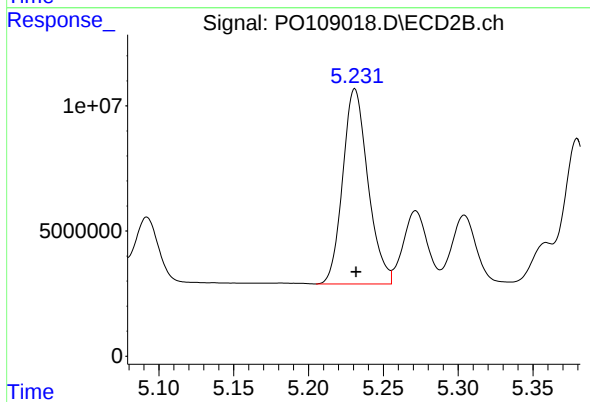
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 78916962
Conc: 1378.17 ng/ml



#15 AR-1232-5

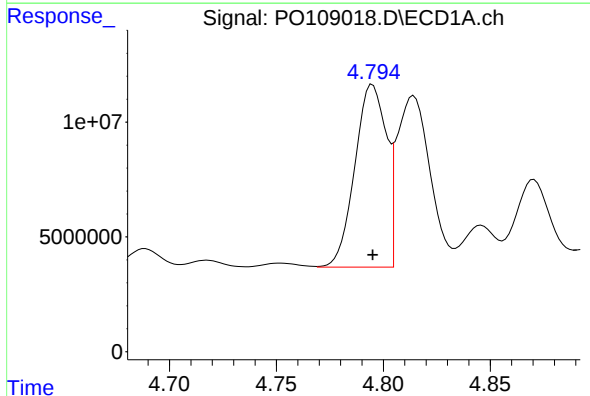
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 112671369
Conc: 1738.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



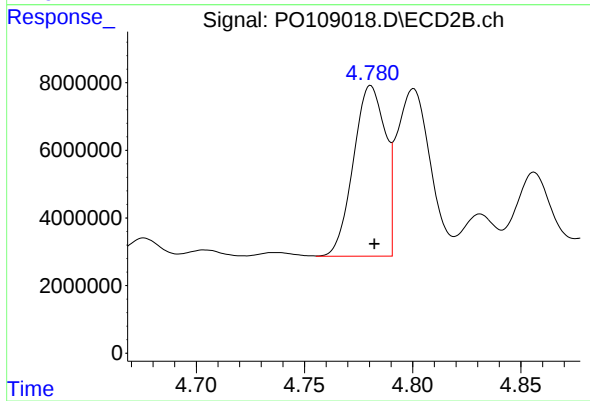
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 91525258
Conc: 1508.53 ng/ml



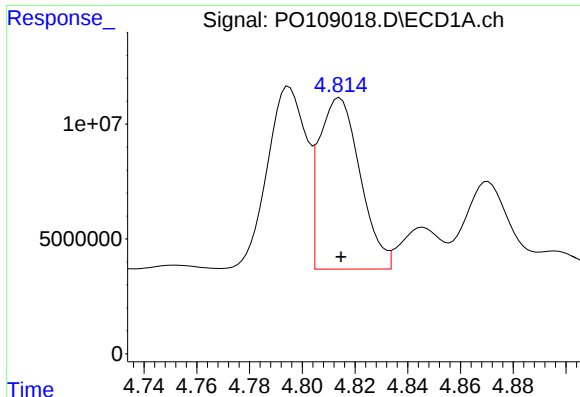
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 81274723
Conc: 382.58 ng/ml



#16 AR-1242-1

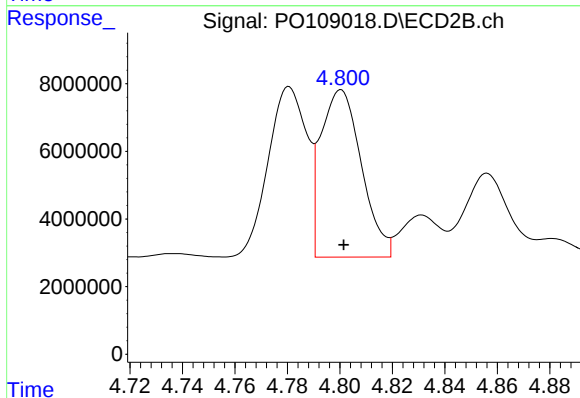
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 51707681
Conc: 361.82 ng/ml



#17 AR-1242-2

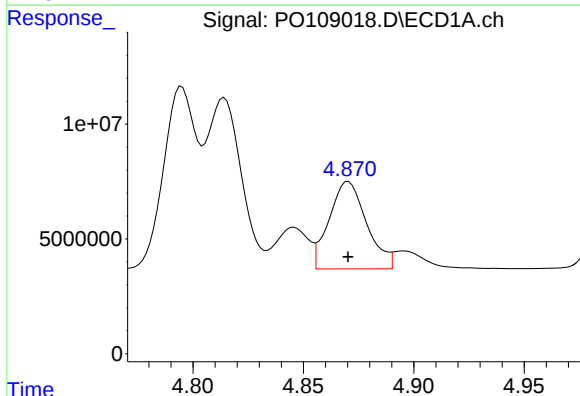
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 80512994
Conc: 280.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



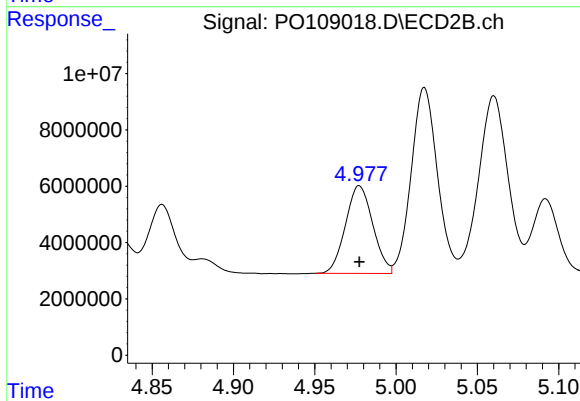
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 53167320
Conc: 269.59 ng/ml



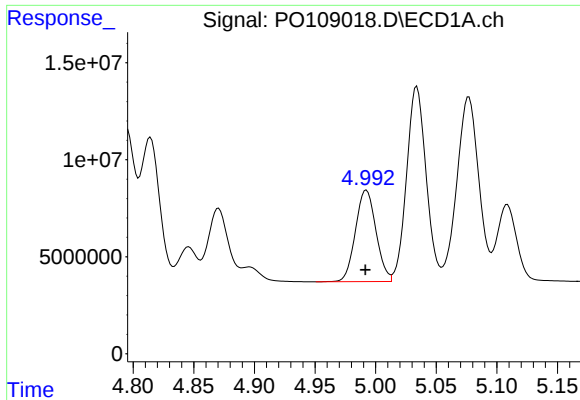
#18 AR-1242-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 45012194
Conc: 219.88 ng/ml



#18 AR-1242-3

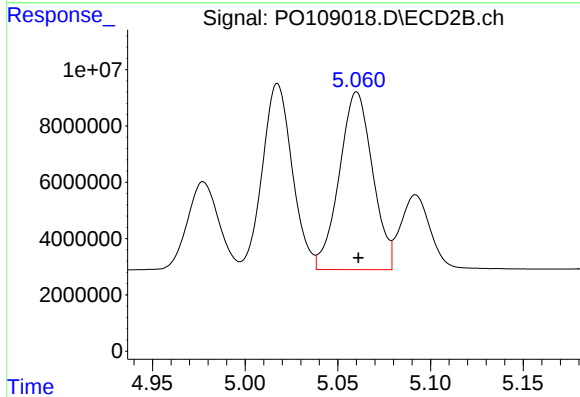
R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 36393501
Conc: 333.75 ng/ml



#19 AR-1242-4

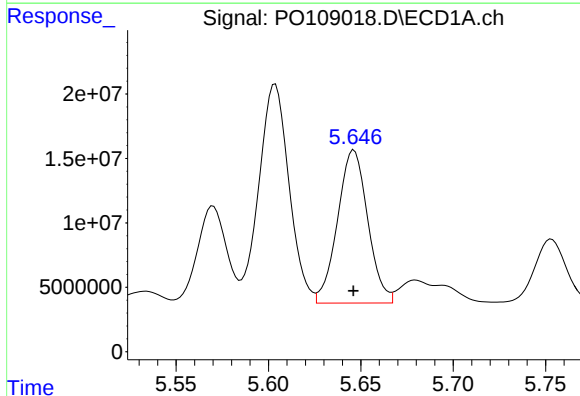
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 55735646
Conc: 350.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



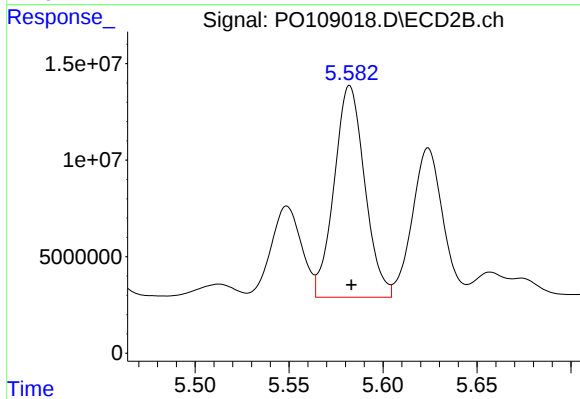
#19 AR-1242-4

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 78916962
Conc: 694.42 ng/ml



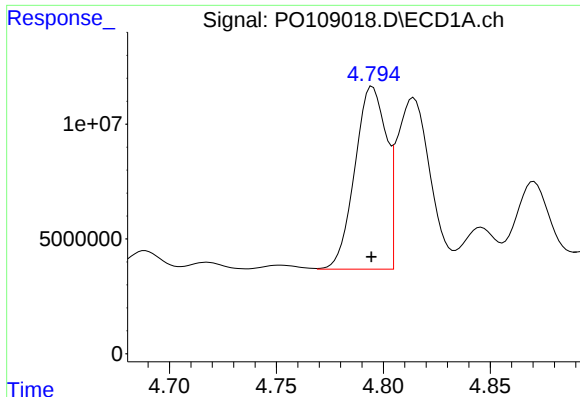
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 135172735
Conc: 809.27 ng/ml



#20 AR-1242-5

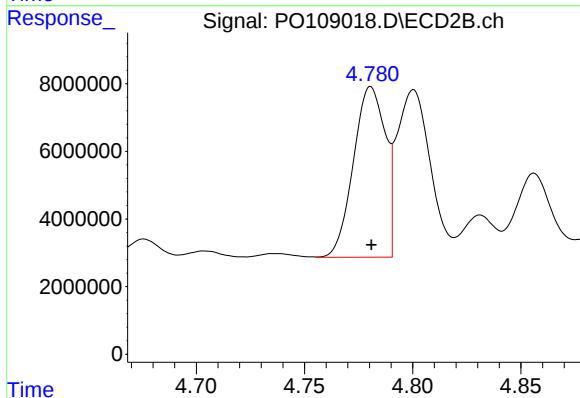
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 124152239
Conc: 907.63 ng/ml



#21 AR-1248-1

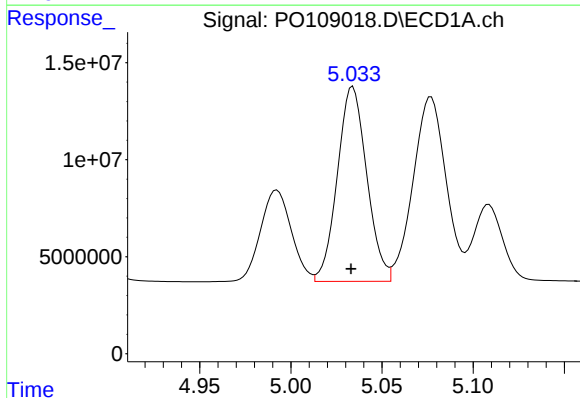
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 81274723
Conc: 509.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



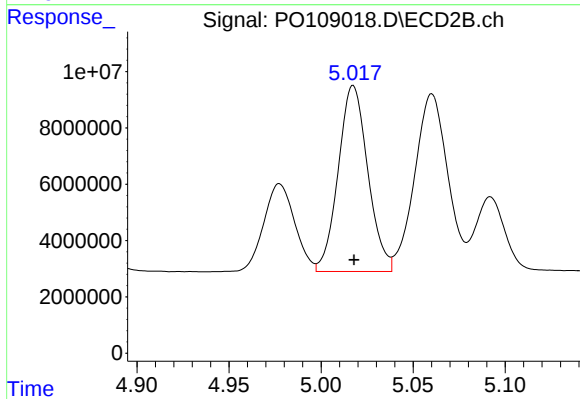
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 51707681
Conc: 481.81 ng/ml



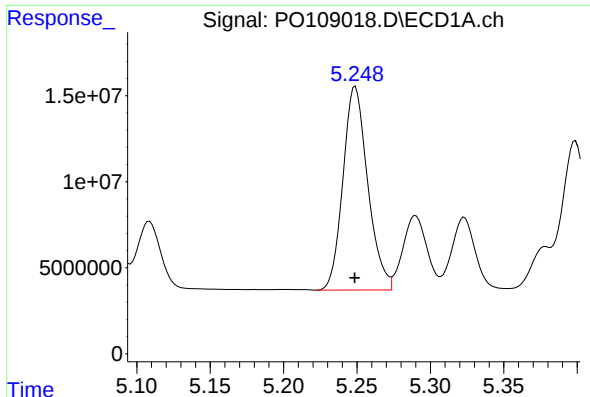
#22 AR-1248-2

R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 112671369
Conc: 504.15 ng/ml



#22 AR-1248-2

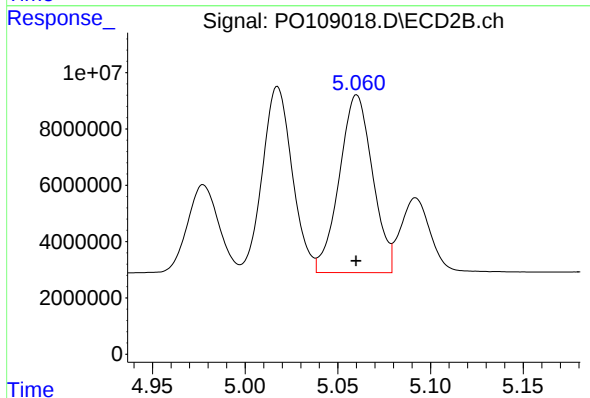
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 73940032
Conc: 480.20 ng/ml



#23 AR-1248-3

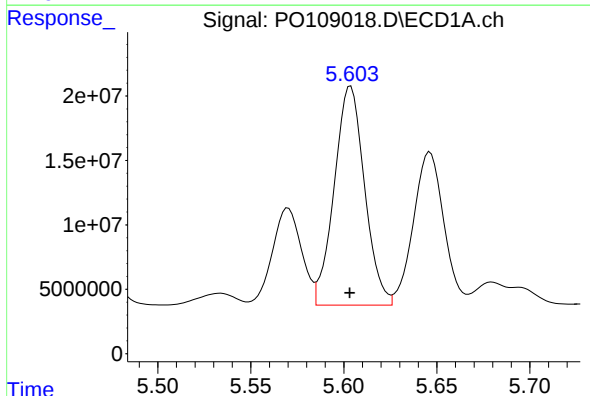
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 138856395
Conc: 507.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



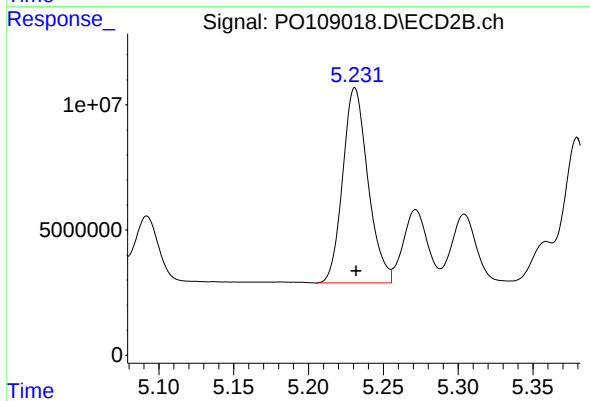
#23 AR-1248-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 78916962
Conc: 477.20 ng/ml



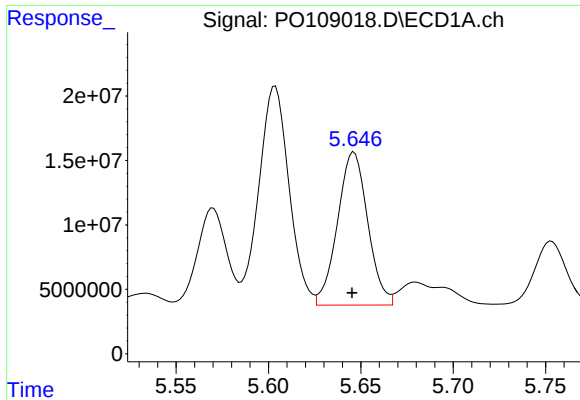
#24 AR-1248-4

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 193202691
Conc: 502.42 ng/ml



#24 AR-1248-4

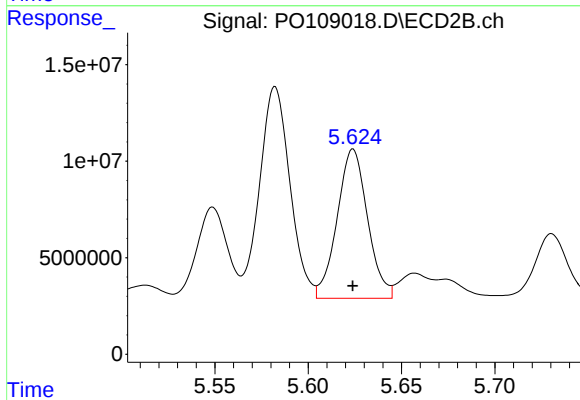
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 91525258
Conc: 477.92 ng/ml



#25 AR-1248-5

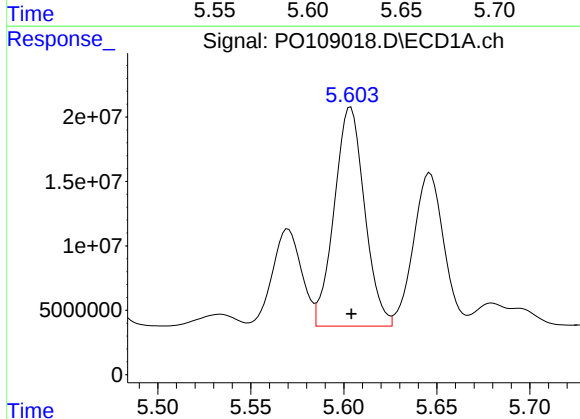
R.T.: 5.646 min
Delta R.T.: 0.001 min
Response: 135172735
Conc: 508.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



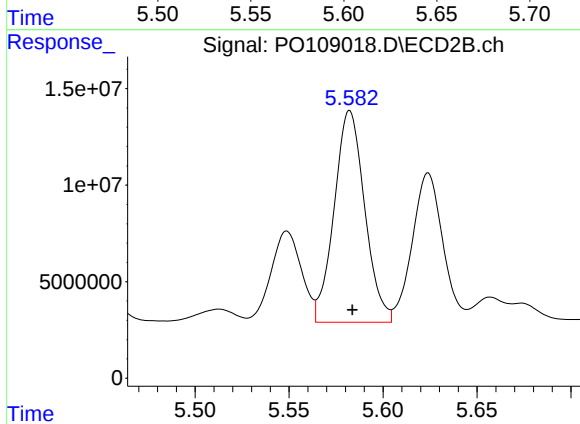
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 87713351
Conc: 478.75 ng/ml



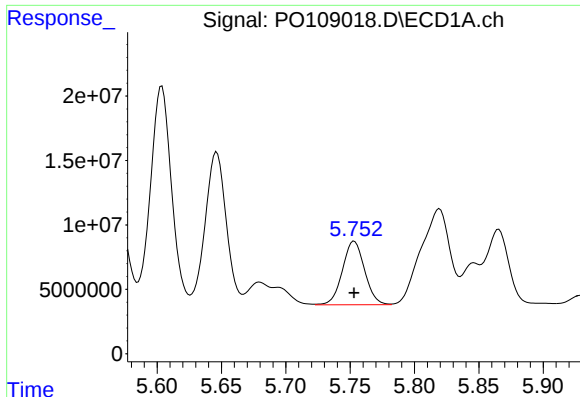
#26 AR-1254-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 193202691
Conc: 467.20 ng/ml



#26 AR-1254-1

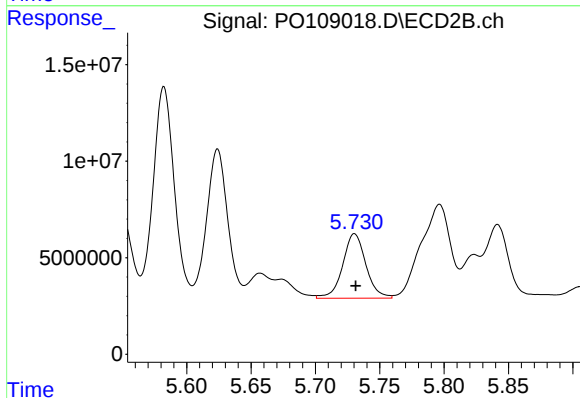
R.T.: 5.582 min
Delta R.T.: -0.001 min
Response: 124152239
Conc: 441.69 ng/ml



#27 AR-1254-2

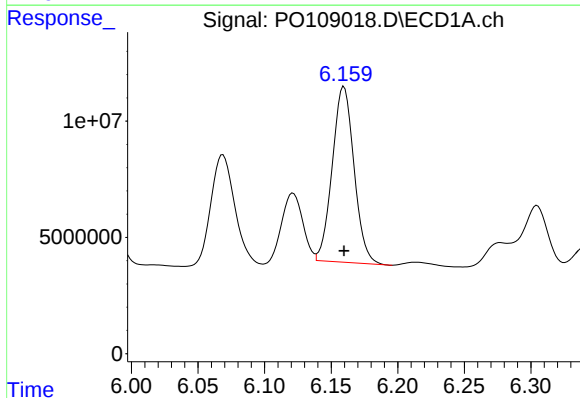
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 59194375
Conc: 163.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



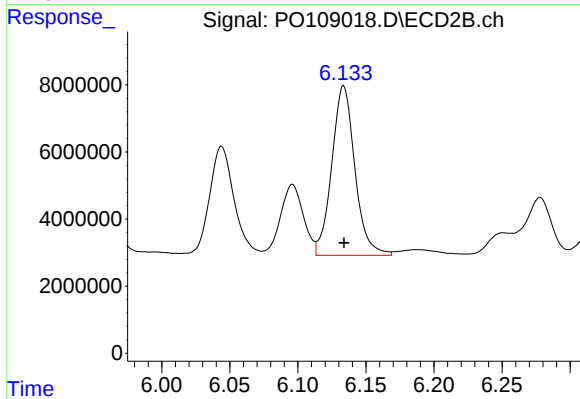
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 41895080
Conc: 167.40 ng/ml



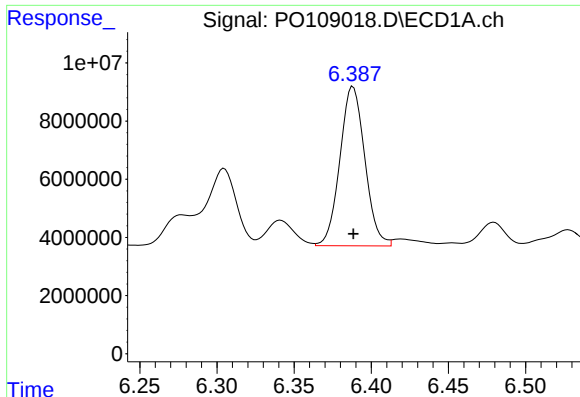
#28 AR-1254-3

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 86052654
Conc: 152.54 ng/ml



#28 AR-1254-3

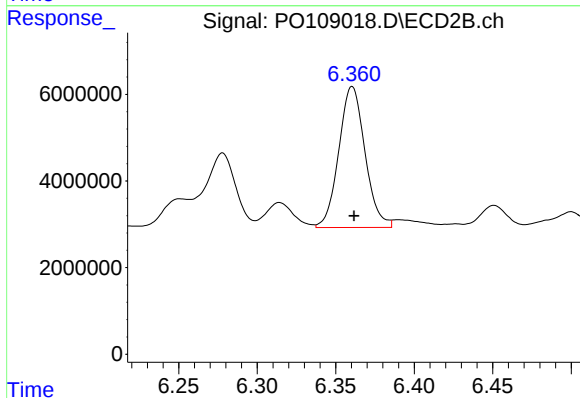
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 59781316
Conc: 152.18 ng/ml



#29 AR-1254-4

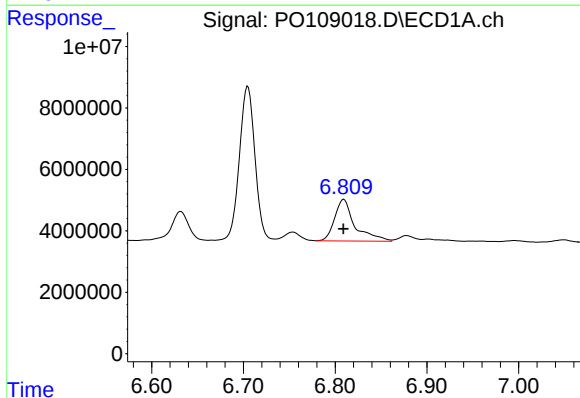
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 61550942
Conc: 178.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



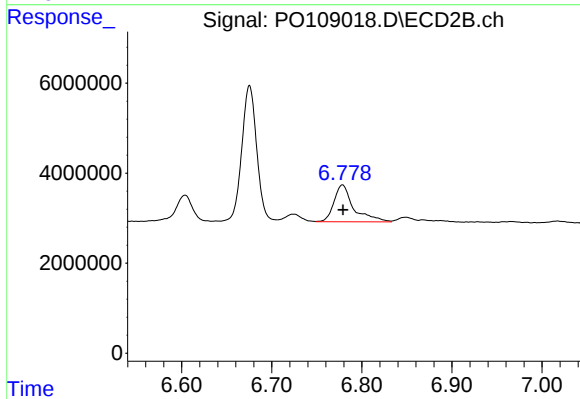
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 37822444
Conc: 171.65 ng/ml



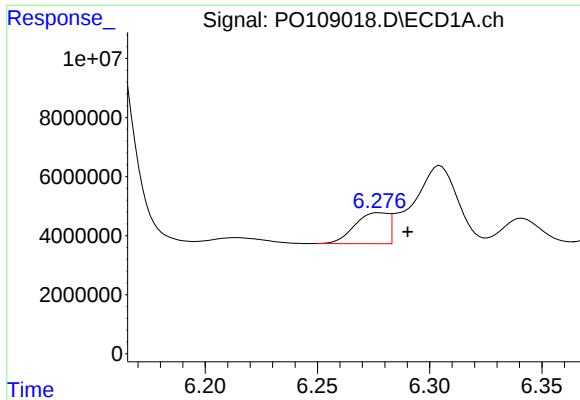
#30 AR-1254-5

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 20814281
Conc: 40.57 ng/ml



#30 AR-1254-5

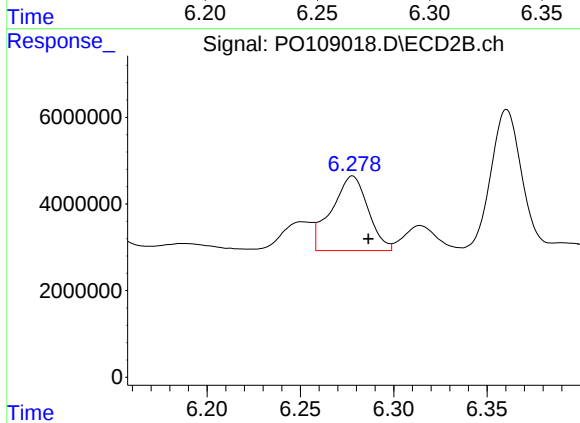
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 12513703
Conc: 38.30 ng/ml



#31 AR-1260-1

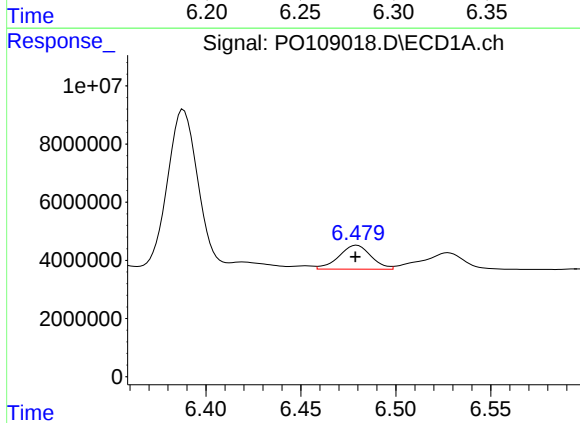
R.T.: 6.277 min
Delta R.T.: -0.013 min
Response: 10908443
Conc: 28.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



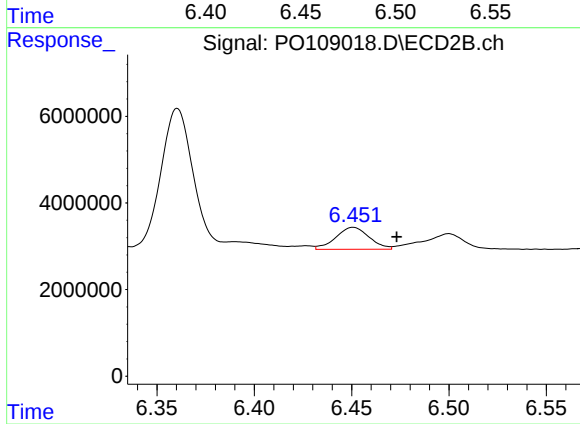
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.008 min
Response: 23477910
Conc: 93.15 ng/ml



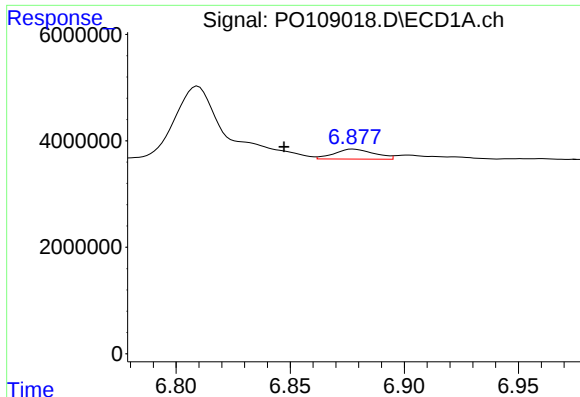
#32 AR-1260-2

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 9679538
Conc: 20.61 ng/ml



#32 AR-1260-2

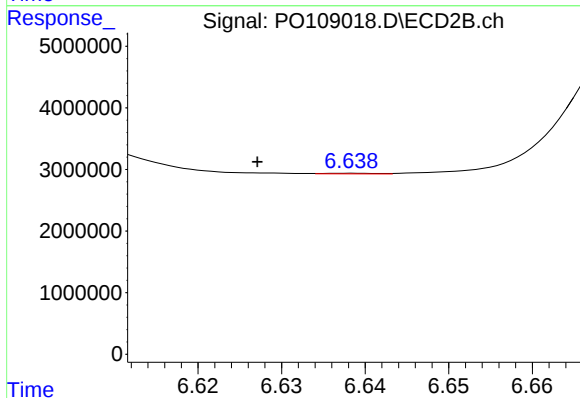
R.T.: 6.451 min
Delta R.T.: -0.022 min
Response: 6080344
Conc: 20.21 ng/ml



#33 AR-1260-3

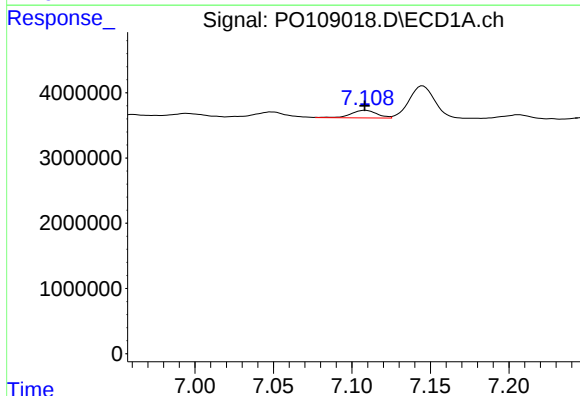
R.T.: 6.878 min
Delta R.T.: 0.031 min
Response: 2309881
Conc: 5.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



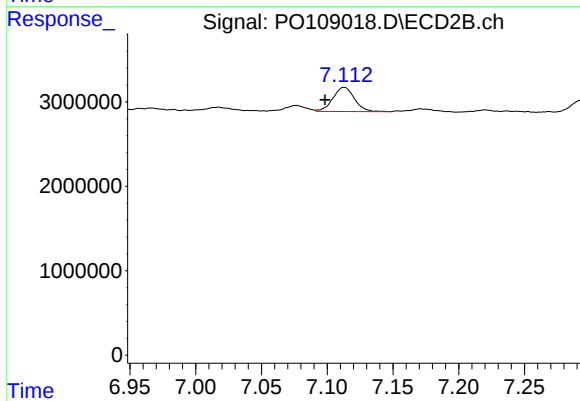
#33 AR-1260-3

R.T.: 6.639 min
Delta R.T.: 0.011 min
Response: 46840
Conc: 0.17 ng/ml



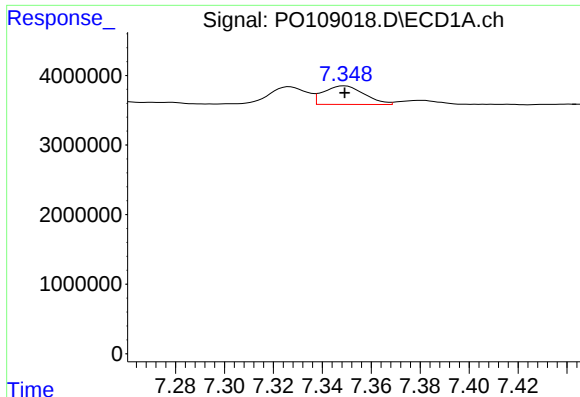
#34 AR-1260-4

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 1319634
Conc: 3.69 ng/ml



#34 AR-1260-4

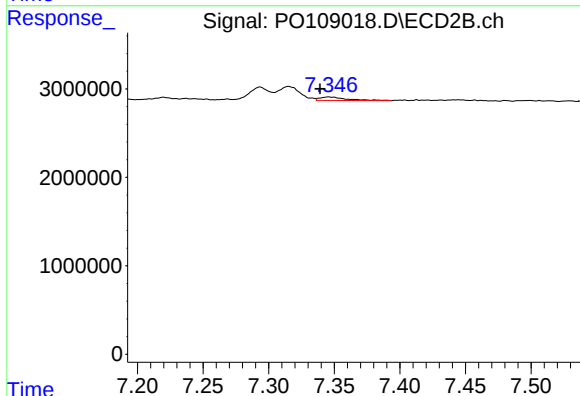
R.T.: 7.113 min
Delta R.T.: 0.014 min
Response: 3265569
Conc: 14.47 ng/ml



#35 AR-1260-5

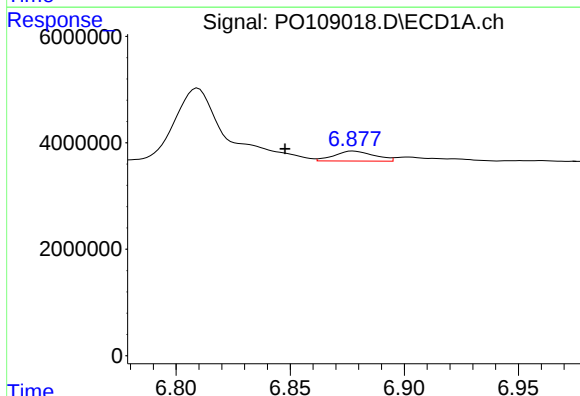
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 3110727
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



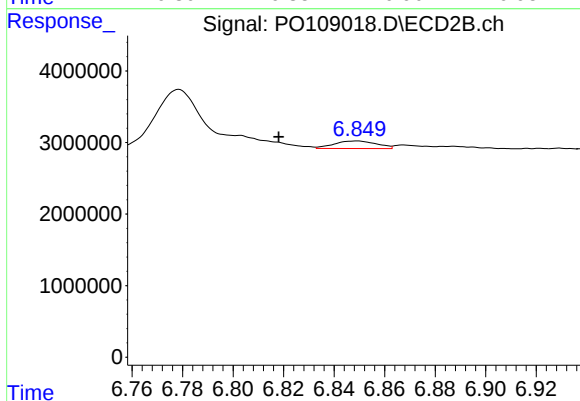
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: 0.007 min
Response: 594324
Conc: 1.19 ng/ml



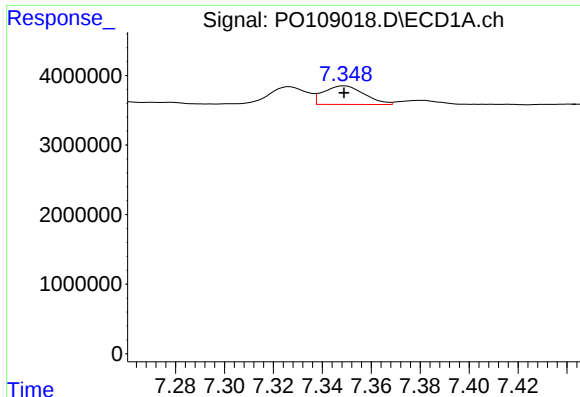
#36 AR-1262-1

R.T.: 6.878 min
Delta R.T.: 0.030 min
Response: 2309881
Conc: 4.33 ng/ml



#36 AR-1262-1

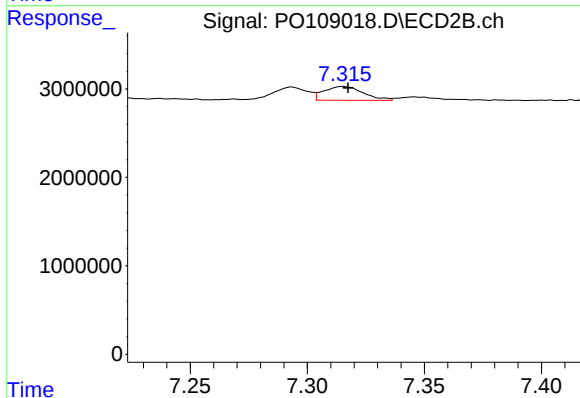
R.T.: 6.849 min
Delta R.T.: 0.031 min
Response: 1238011
Conc: 3.64 ng/ml



#37 AR-1262-2

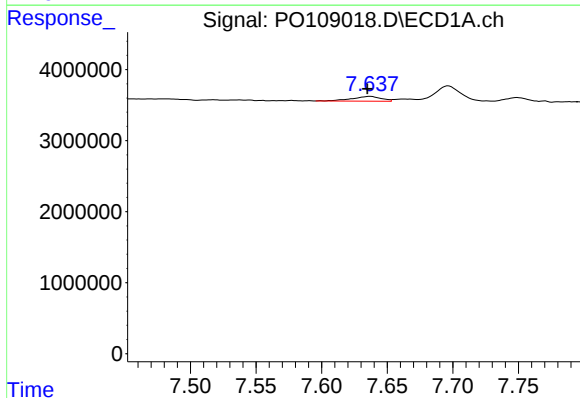
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 3110727
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



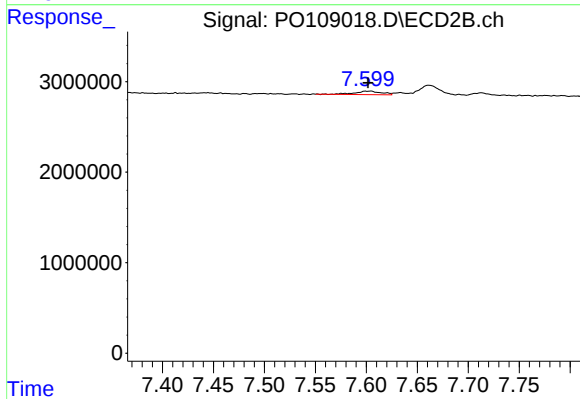
#37 AR-1262-2

R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 1833661
Conc: 3.31 ng/ml



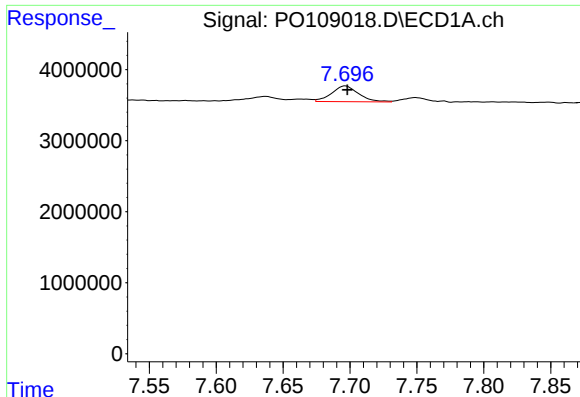
#38 AR-1262-3

R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 1052755
Conc: 2.89 ng/ml



#38 AR-1262-3

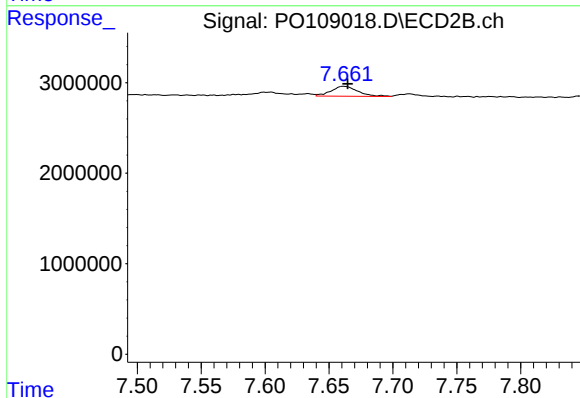
R.T.: 7.604 min
Delta R.T.: 0.002 min
Response: 697205
Conc: 3.25 ng/ml



#39 AR-1262-4

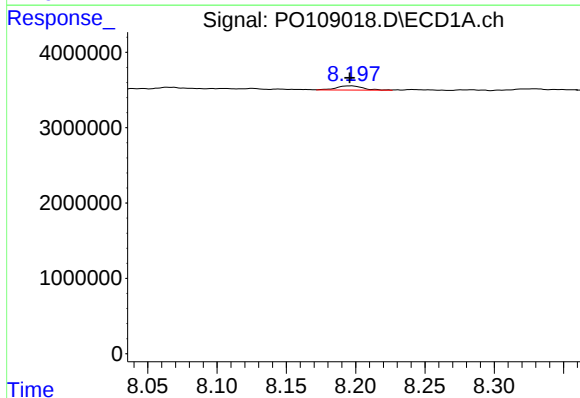
R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 3106668
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



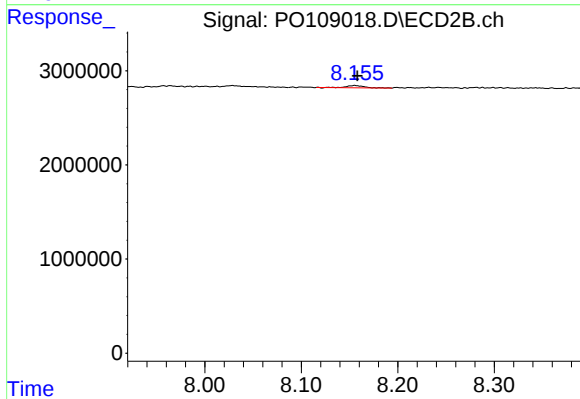
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 1590946
Conc: 4.06 ng/ml



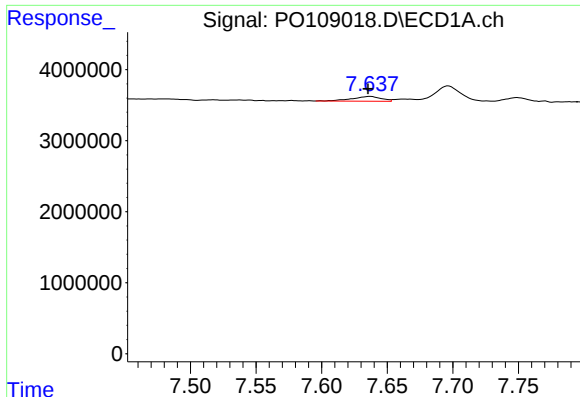
#40 AR-1262-5

R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 753200
Conc: 2.49 ng/ml



#40 AR-1262-5

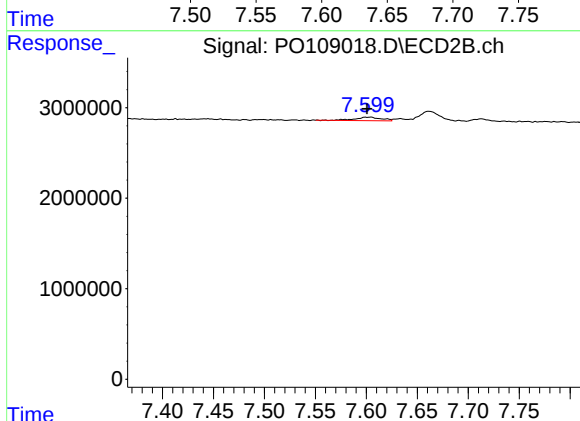
R.T.: 8.156 min
Delta R.T.: -0.003 min
Response: 297636
Conc: 1.87 ng/ml



#41 AR-1268-1

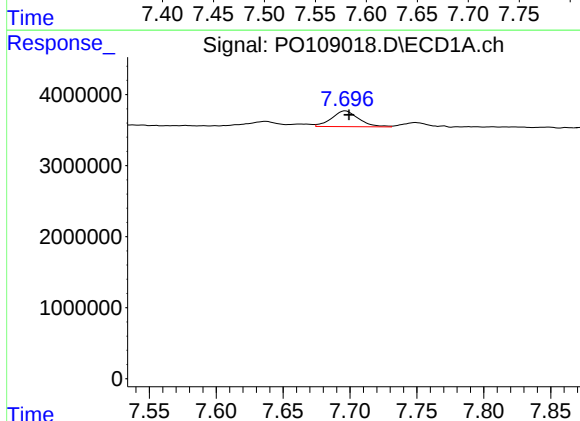
R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 1052755
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



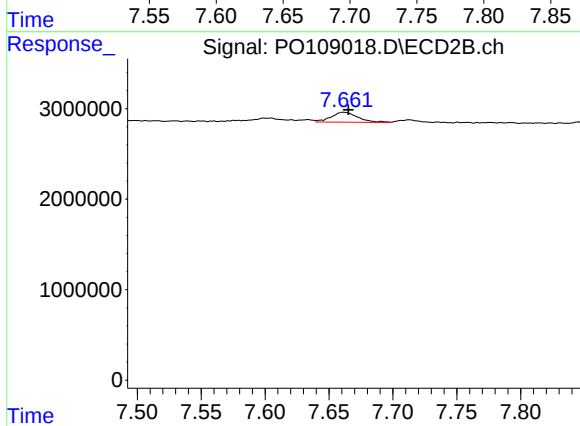
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 697205
Conc: 1.11 ng/ml



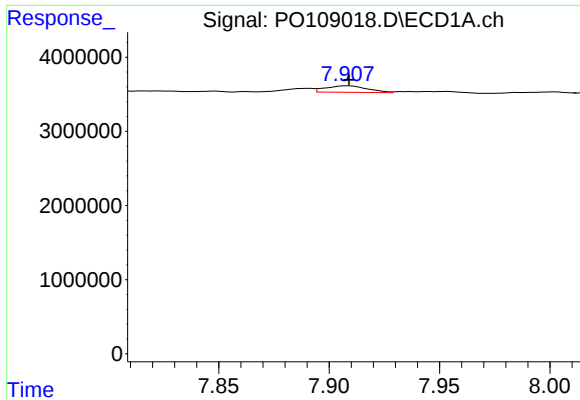
#42 AR-1268-2

R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 3106668
Conc: 3.21 ng/ml



#42 AR-1268-2

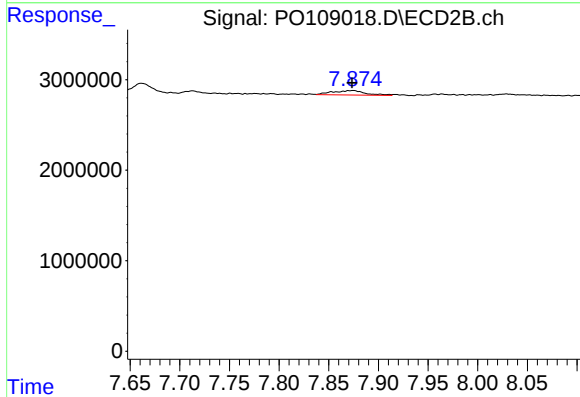
R.T.: 7.662 min
Delta R.T.: -0.004 min
Response: 1590946
Conc: 2.79 ng/ml



#43 AR-1268-3

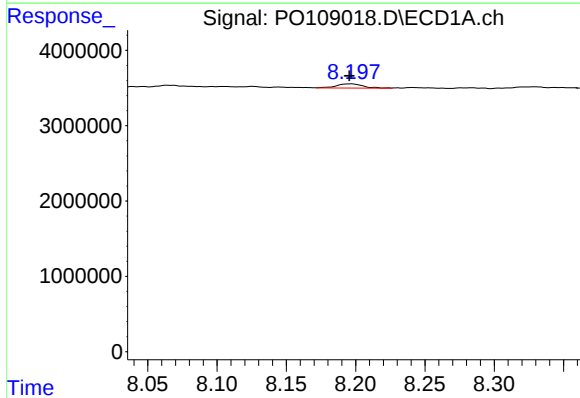
R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 1147899
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



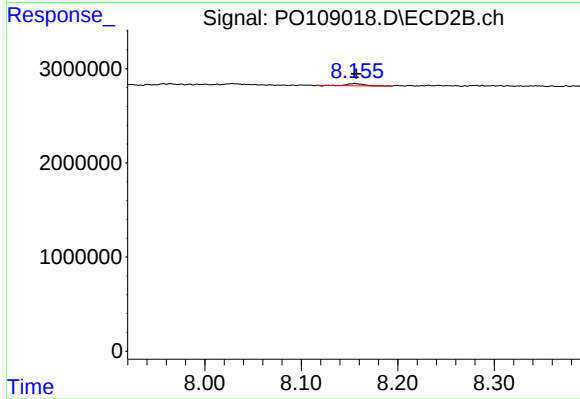
#43 AR-1268-3

R.T.: 7.875 min
Delta R.T.: 0.001 min
Response: 1160456
Conc: 2.52 ng/ml



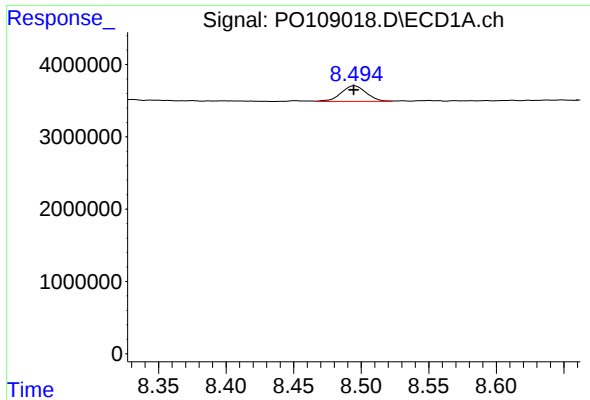
#44 AR-1268-4

R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 753200
Conc: 2.20 ng/ml



#44 AR-1268-4

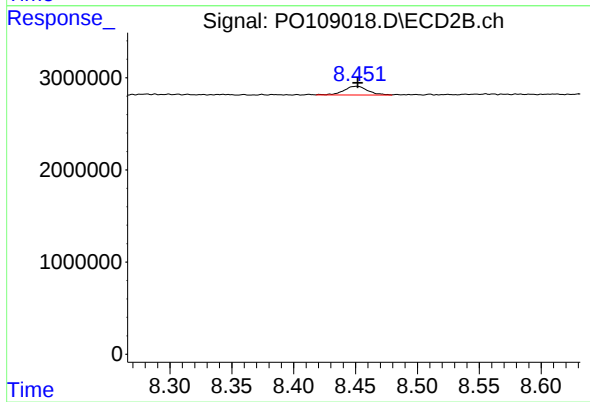
R.T.: 8.156 min
Delta R.T.: -0.002 min
Response: 297636
Conc: 1.65 ng/ml



#45 AR-1268-5

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 2777728
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 1253899
Conc: 1.05 ng/ml