

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 00:21
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:37:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.482	3.635	89787944	38055669	46.760	48.861
2) SA Decachlor...	10.294	8.641	58894311	24845080	48.518	46.373
Target Compounds						
3) L1 AR-1016-1	5.657	4.718	22691596	10246818	419.875	429.308
4) L1 AR-1016-2	5.679	4.737	33414272	14327663	411.567	420.774
5) L1 AR-1016-3	5.742	4.912	21281496	7829356	425.350	435.240
6) L1 AR-1016-4	5.840	4.954	16583075	6507763	424.102	434.103
7) L1 AR-1016-5	6.136	5.167	17405383	8031422	423.273	413.556
8) L2 AR-1221-1	4.689	3.849	3160678	1368787	140.379	148.982
9) L2 AR-1221-2	4.779	3.935	4443782	1839463	263.367	276.632
10) L2 AR-1221-3	4.855	4.010	14604851	6382634	298.619	316.402
11) L3 AR-1232-1	4.855	4.010	14604851	6382634	357.550	379.737
12) L3 AR-1232-2	5.387	4.737	19946605	14327663	922.262	953.495
13) L3 AR-1232-3	5.679	4.912	33414272	7829356	939.964	1000.349
14) L3 AR-1232-4	5.840	4.996	16583075	8395807	976.814	1116.593
15) L3 AR-1232-5	5.931	5.167	14867422	8031422	1044.222	992.793
16) L4 AR-1242-1	5.657	4.718	22691596	10246818	498.315	489.438
17) L4 AR-1242-2	5.679	4.737	33414272	14327663	487.871	492.751
18) L4 AR-1242-3	5.742	4.912	21281496	7829356	502.560	500.980
19) L4 AR-1242-4	5.840	4.996	16583075	8395807	505.407	506.921
20) L4 AR-1242-5	6.581	5.519	17580843	9332556	496.336	502.873
21) L5 AR-1248-1	5.657	4.718	22691596	10246818	670.499	653.864
22) L5 AR-1248-2	5.931	4.954	14867422	6507763	287.078	295.717
23) L5 AR-1248-3	6.136	4.996	17405383	8395807	307.988	357.576
24) L5 AR-1248-4	6.542	5.167	15936246	8031422	281.119	301.092
25) L5 AR-1248-5	6.581	5.561	17580843	7719543	297.235	327.145
26) L6 AR-1254-1	6.513	5.519	11811318	9332556	186.995	243.390 #
27) L6 AR-1254-2	6.738	5.668	14228329	2678960	148.262	77.814 #
28) L6 AR-1254-3	7.102	6.072	6191530	3168118	65.803	60.970
29) L6 AR-1254-4	7.388	6.300	3509631	2083406	60.278	75.903 #
30) L6 AR-1254-5	7.808	6.719	1465319	842371	20.980	19.446
31) L7 AR-1260-1	7.267	6.217	464737	1231789	6.391	33.572 #
32) L7 AR-1260-2	7.522	6.389	1373468	556588	16.680	13.265
33) L7 AR-1260-3	7.879	6.543	87493	557384	1.414	13.929 #
34) L7 AR-1260-4	8.102	7.016	2091523	86937	31.026	2.700 #
35) L7 AR-1260-5	8.434	7.262	610860	212571	4.702	3.034 #
36) L8 AR-1262-1	7.891	6.783	64904	137163	0.746	3.030 #
37) L8 AR-1262-2	8.443	7.016	293326	86937	2.080	2.156
38) L8 AR-1262-3	8.755	7.554	22933	212214	0.232	6.836 #
39) L8 AR-1262-4	8.848	7.606	57607	149963	0.751	2.768 #
40) L8 AR-1262-5	9.524	8.105	124578	6841	2.568	0.277 #
41) L9 AR-1268-1	8.755	7.554	22933	212214	0.132	2.322 #

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Integration File signal 1: autoint1.e
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 Quant Time: Oct 04 01:37:54 2023
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 QLast Update : Thu Sep 28 01:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

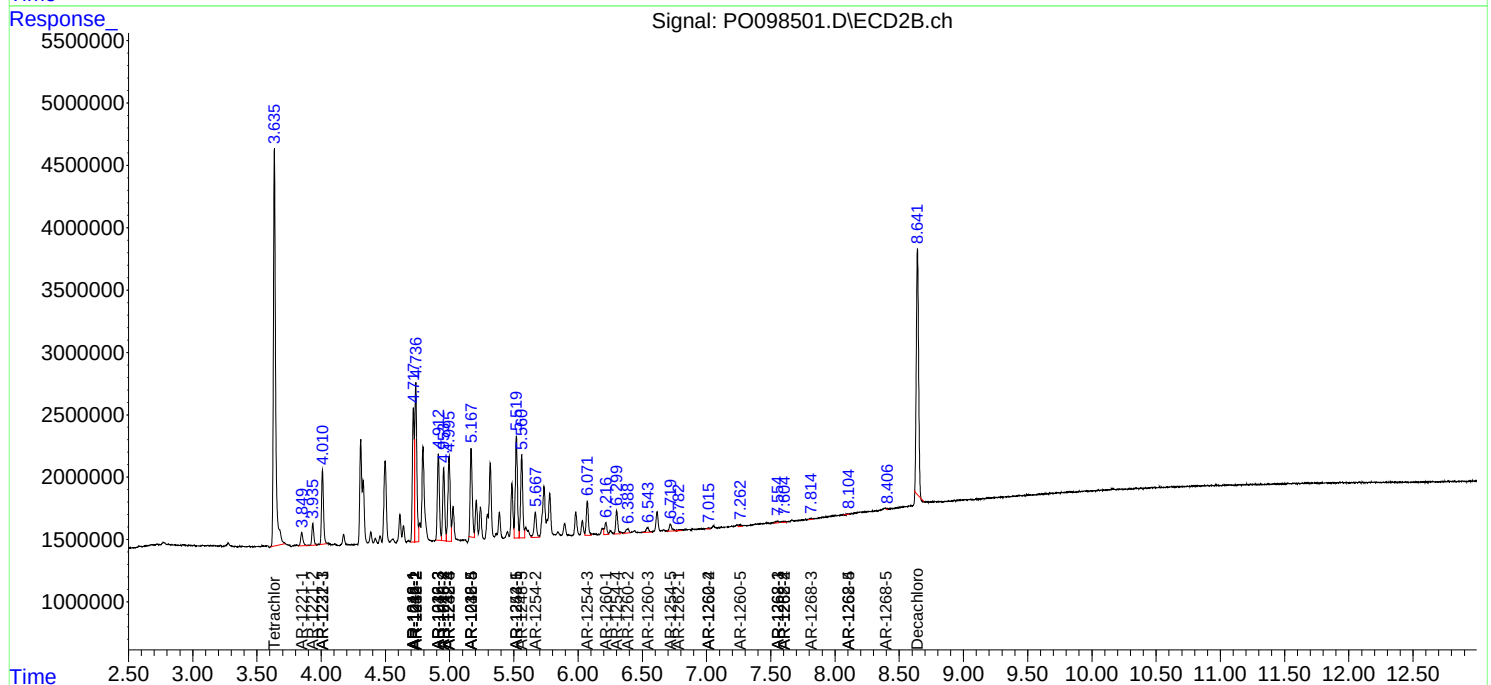
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

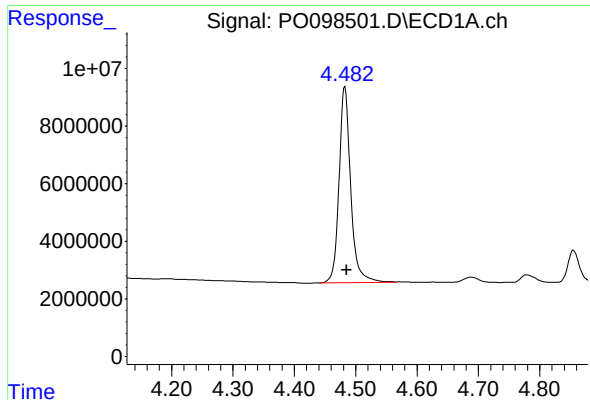
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.862	7.606	66210	149963	0.425	1.934 #
43) L9	AR-1268-3	9.087	7.814	55484	82522	0.406	1.245 #
44) L9	AR-1268-4	9.524	8.105	124578	6841	2.339	0.253 #
45) L9	AR-1268-5	9.946	8.406	516746	31256	1.177	0.158 #

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

Instrument :
ECD_O
ClientSampleId :

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

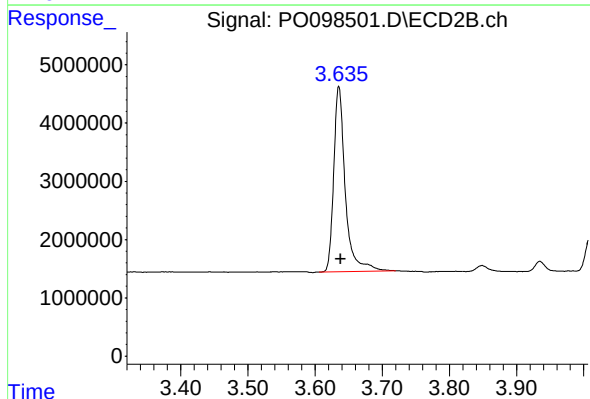




#1 Tetrachloro-m-xylene

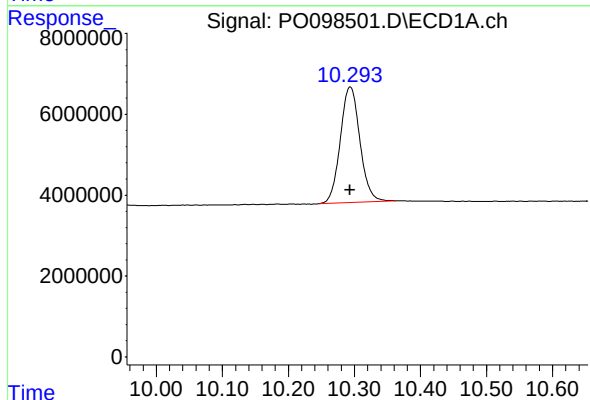
R.T.: 4.482 min
Delta R.T.: -0.003 min
Response: 89787944
Conc: 46.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



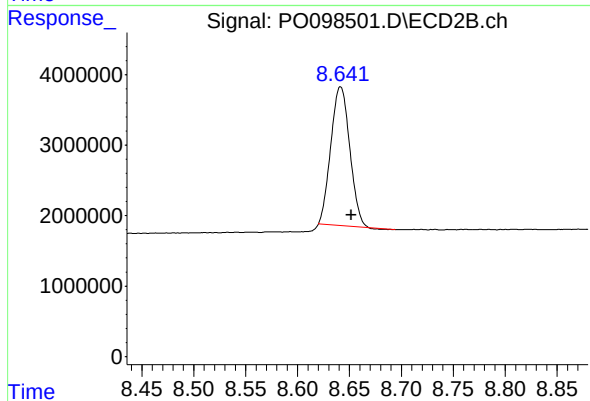
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.002 min
Response: 38055669
Conc: 48.86 ng/ml



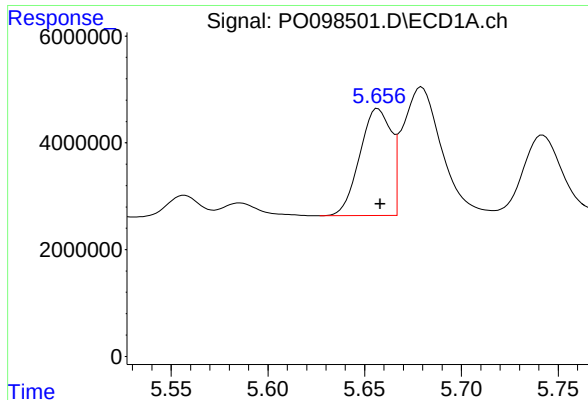
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 58894311
Conc: 48.52 ng/ml



#2 Decachlorobiphenyl

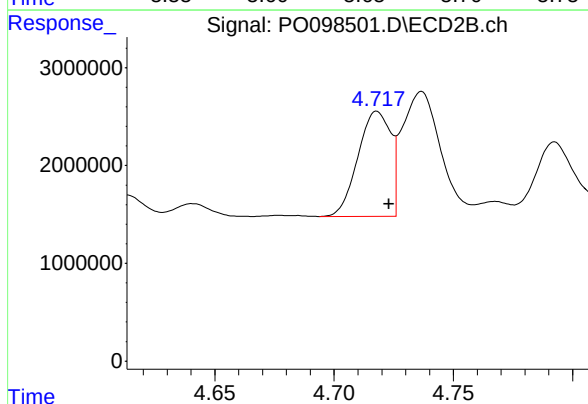
R.T.: 8.641 min
Delta R.T.: -0.011 min
Response: 24845080
Conc: 46.37 ng/ml



#3 AR-1016-1

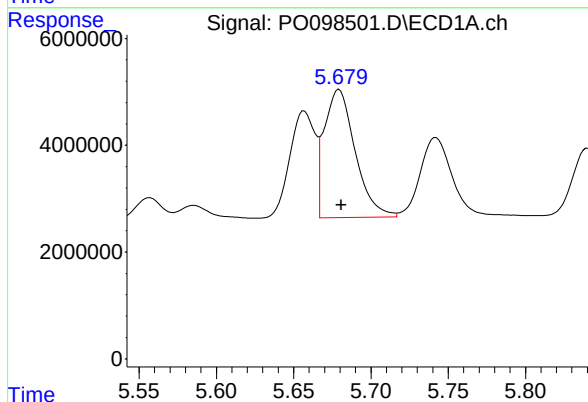
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 22691596
Conc: 419.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



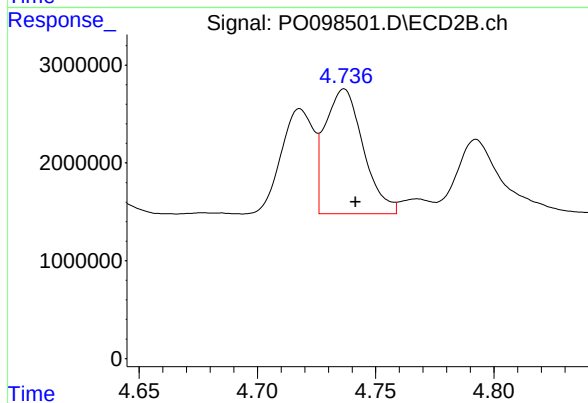
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 10246818
Conc: 429.31 ng/ml



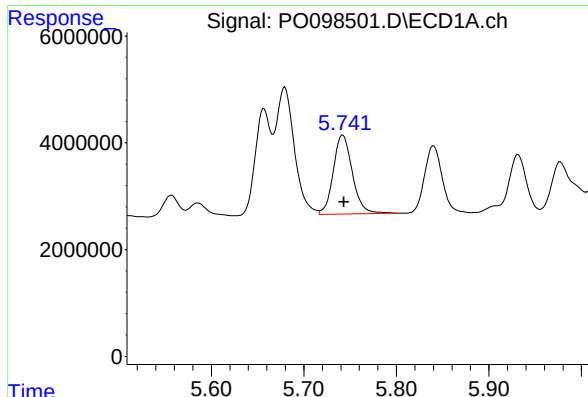
#4 AR-1016-2

R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 33414272
Conc: 411.57 ng/ml



#4 AR-1016-2

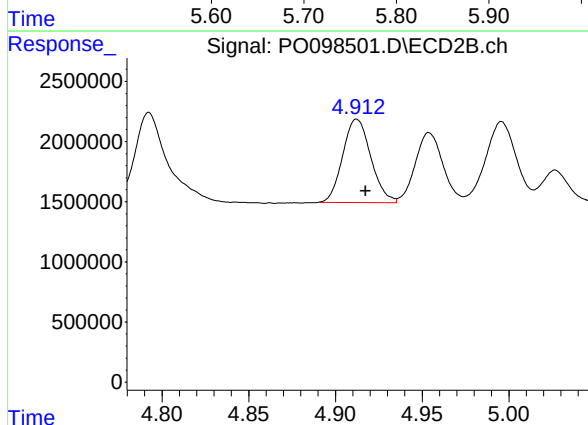
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 14327663
Conc: 420.77 ng/ml



#5 AR-1016-3

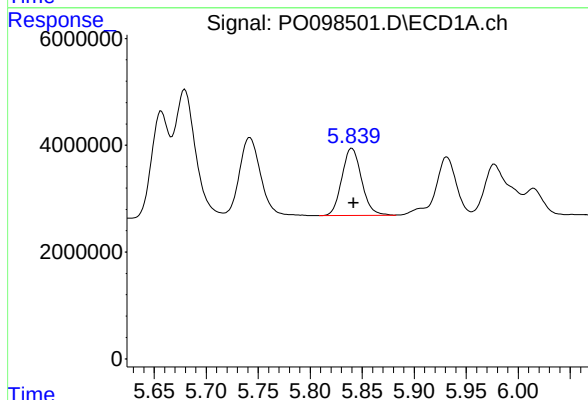
R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 21281496
Conc: 425.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



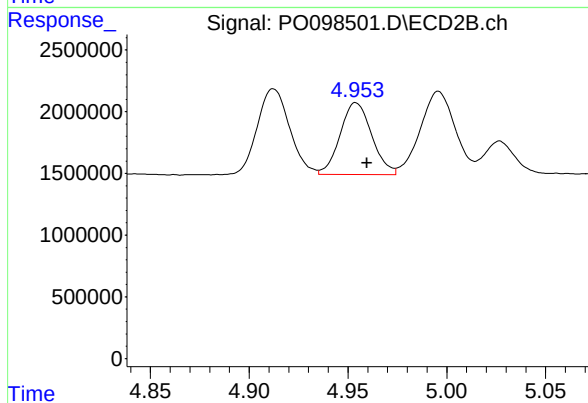
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 7829356
Conc: 435.24 ng/ml



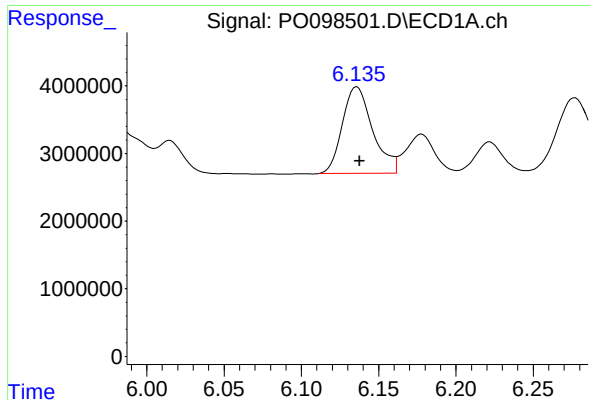
#6 AR-1016-4

R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 16583075
Conc: 424.10 ng/ml



#6 AR-1016-4

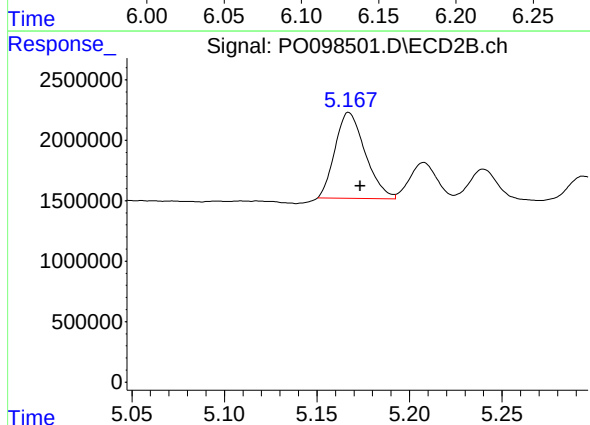
R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 6507763
Conc: 434.10 ng/ml



#7 AR-1016-5

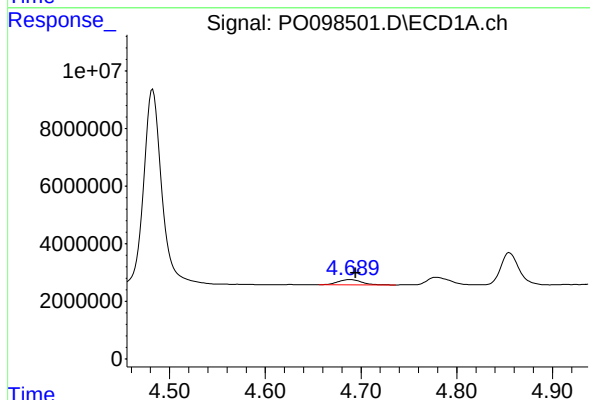
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 17405383
Conc: 423.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



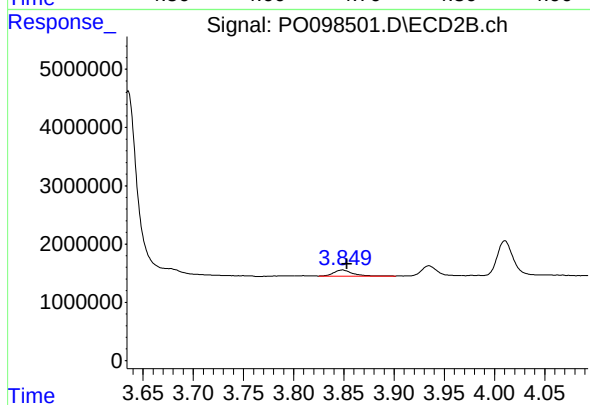
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 8031422
Conc: 413.56 ng/ml



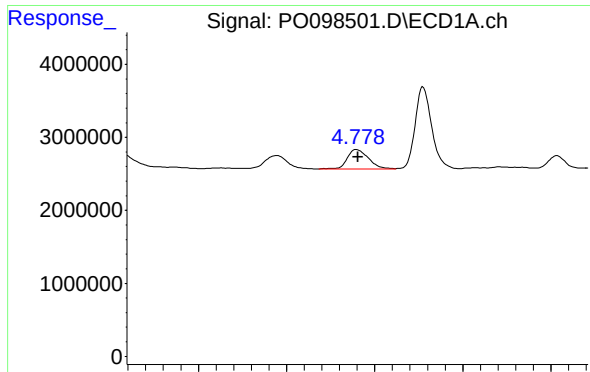
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 3160678
Conc: 140.38 ng/ml



#8 AR-1221-1

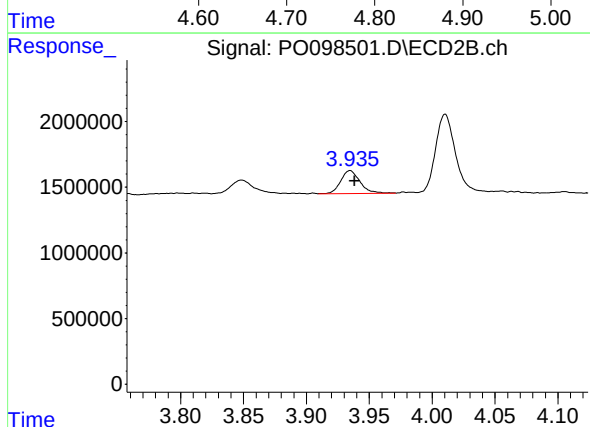
R.T.: 3.849 min
Delta R.T.: -0.004 min
Response: 1368787
Conc: 148.98 ng/ml



#9 AR-1221-2

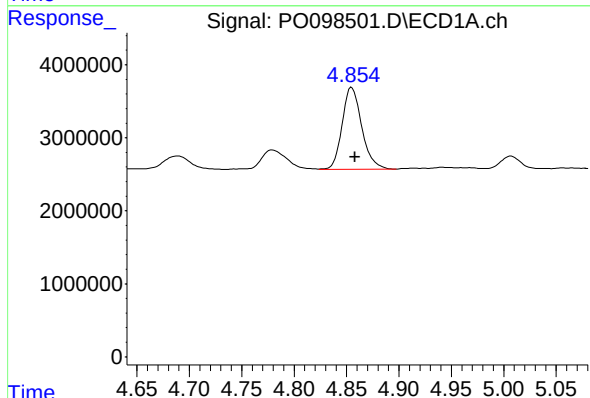
R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 4443782
Conc: 263.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



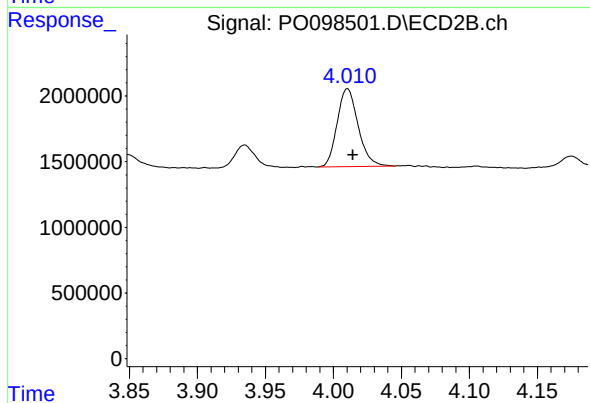
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: -0.004 min
Response: 1839463
Conc: 276.63 ng/ml



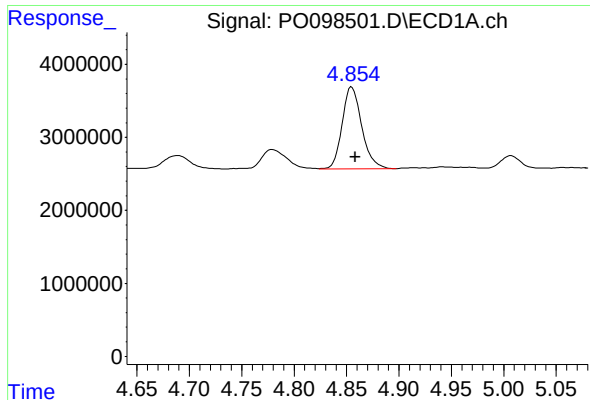
#10 AR-1221-3

R.T.: 4.855 min
Delta R.T.: -0.003 min
Response: 14604851
Conc: 298.62 ng/ml



#10 AR-1221-3

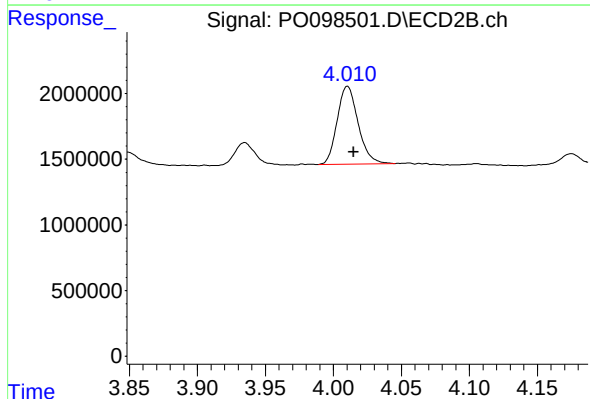
R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 6382634
Conc: 316.40 ng/ml



#11 AR-1232-1

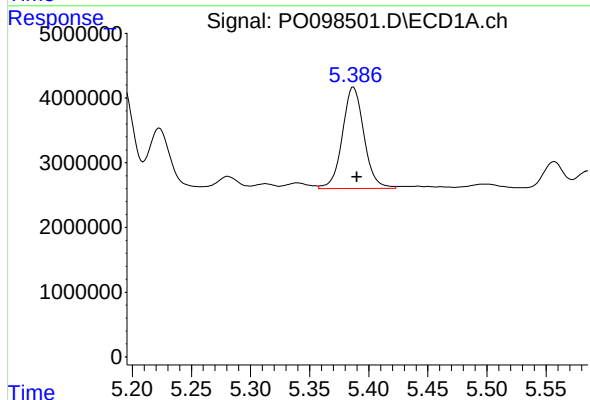
R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 14604851
Conc: 357.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



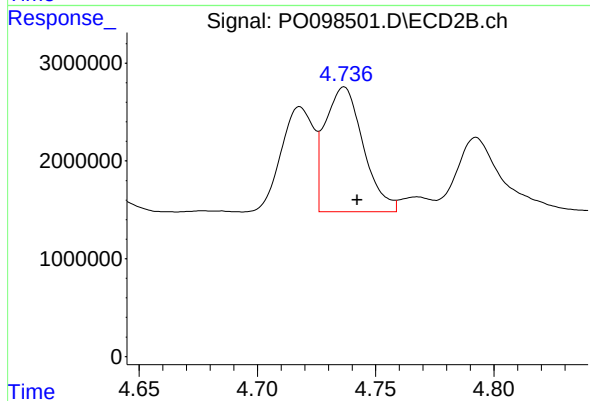
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 6382634
Conc: 379.74 ng/ml



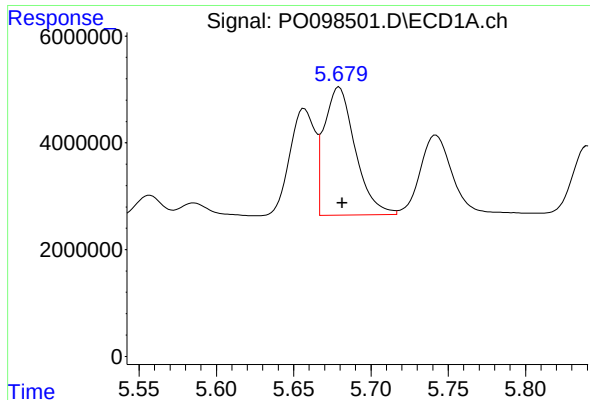
#12 AR-1232-2

R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 19946605
Conc: 922.26 ng/ml



#12 AR-1232-2

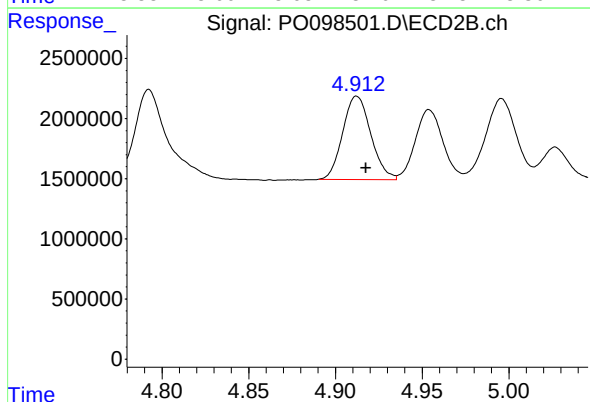
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 14327663
Conc: 953.49 ng/ml



#13 AR-1232-3

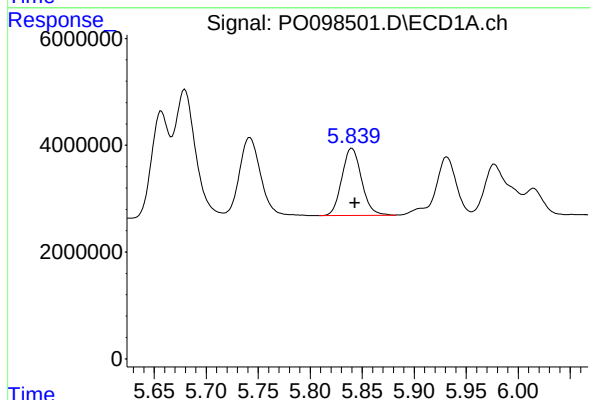
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 33414272
Conc: 939.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



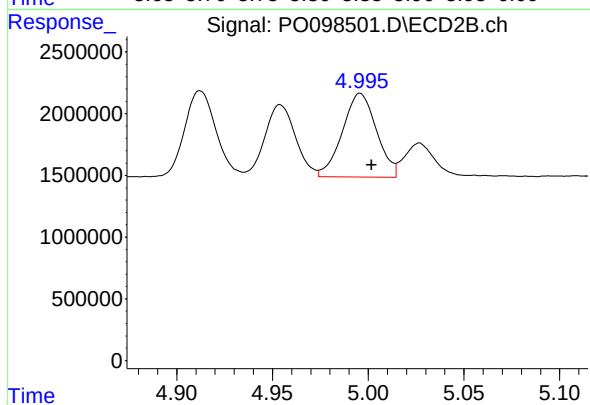
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 7829356
Conc: 1000.35 ng/ml



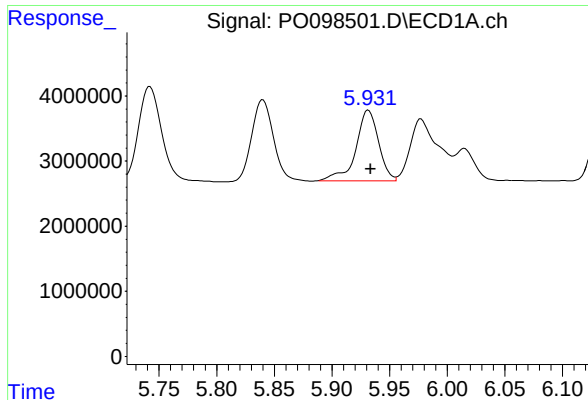
#14 AR-1232-4

R.T.: 5.840 min
Delta R.T.: -0.003 min
Response: 16583075
Conc: 976.81 ng/ml



#14 AR-1232-4

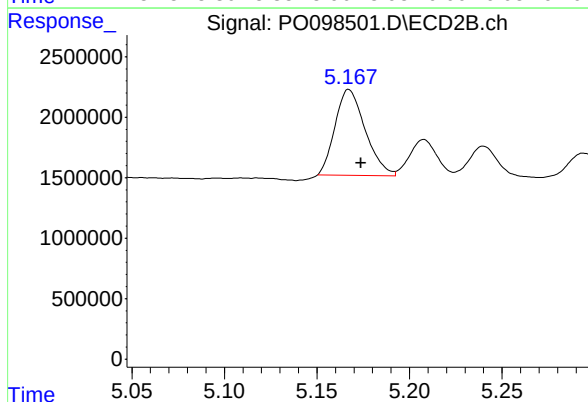
R.T.: 4.996 min
Delta R.T.: -0.006 min
Response: 8395807
Conc: 1116.59 ng/ml



#15 AR-1232-5

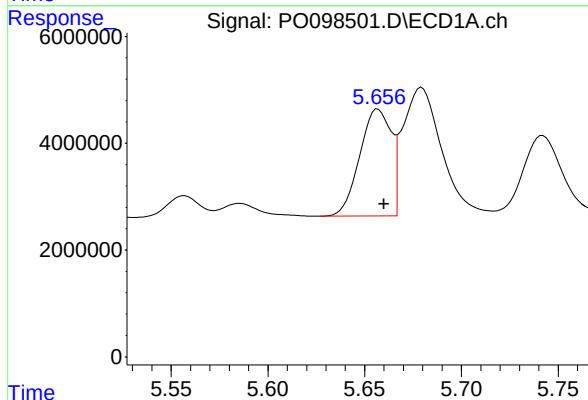
R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 14867422
Conc: 1044.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



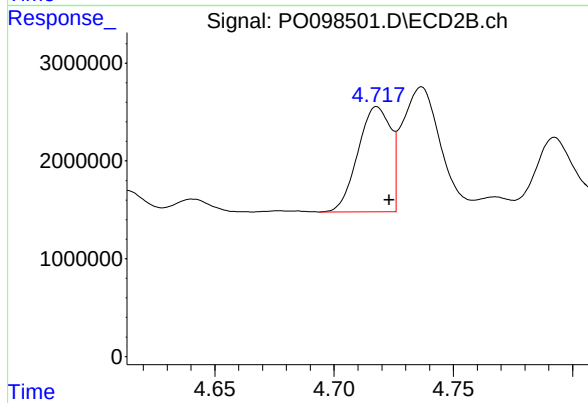
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 8031422
Conc: 992.79 ng/ml



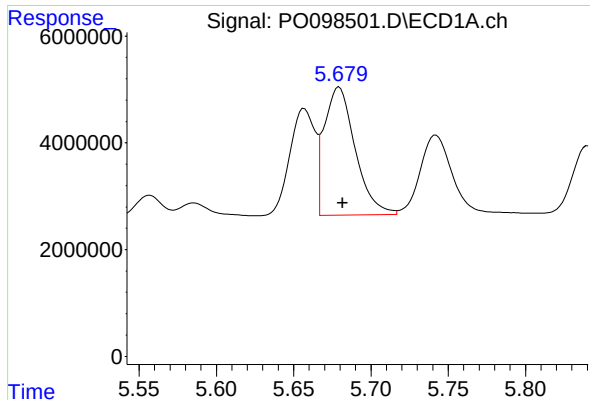
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 22691596
Conc: 498.32 ng/ml



#16 AR-1242-1

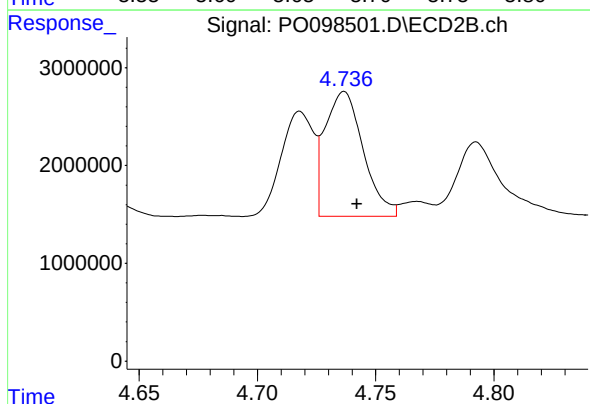
R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 10246818
Conc: 489.44 ng/ml



#17 AR-1242-2

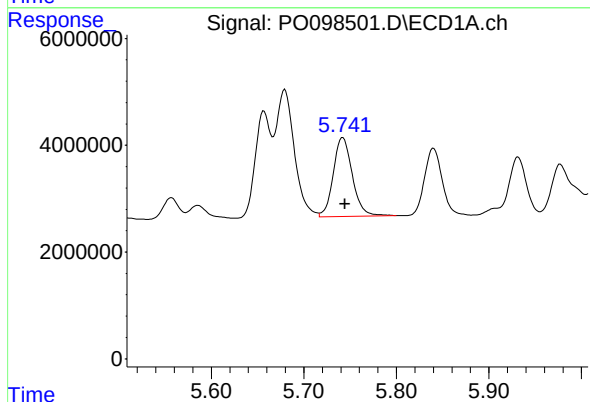
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 33414272
Conc: 487.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



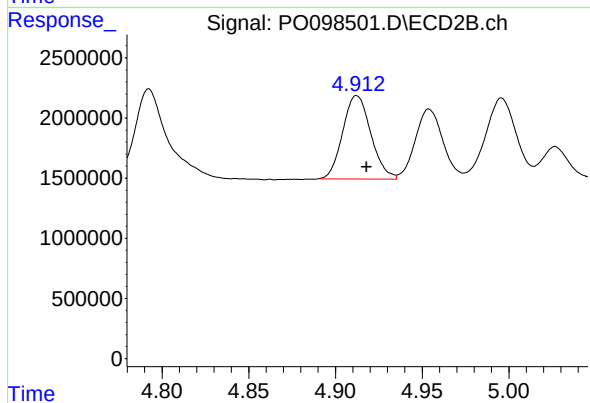
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 14327663
Conc: 492.75 ng/ml



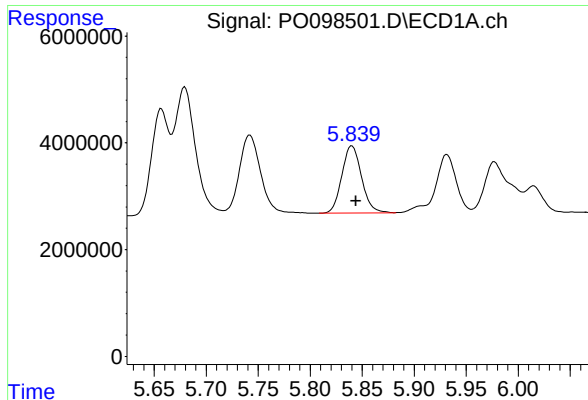
#18 AR-1242-3

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 21281496
Conc: 502.56 ng/ml



#18 AR-1242-3

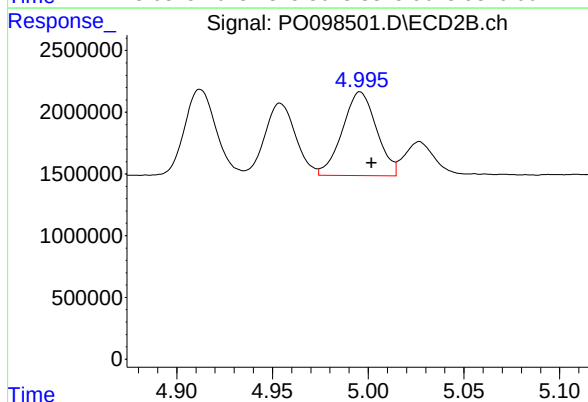
R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 7829356
Conc: 500.98 ng/ml



#19 AR-1242-4

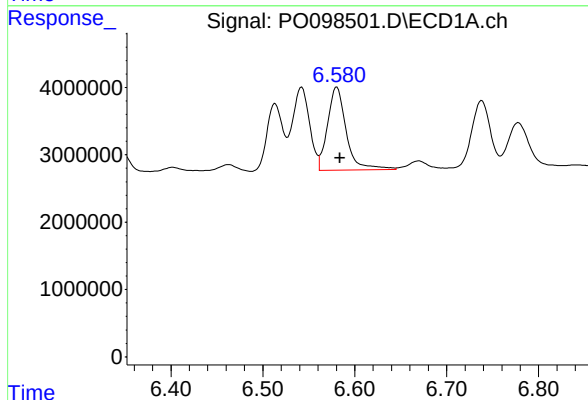
R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 16583075
Conc: 505.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



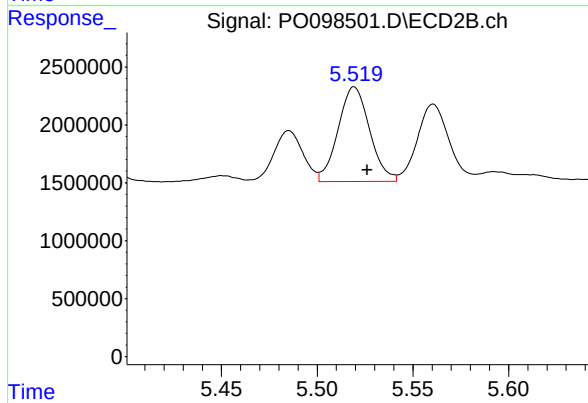
#19 AR-1242-4

R.T.: 4.996 min
Delta R.T.: -0.006 min
Response: 8395807
Conc: 506.92 ng/ml



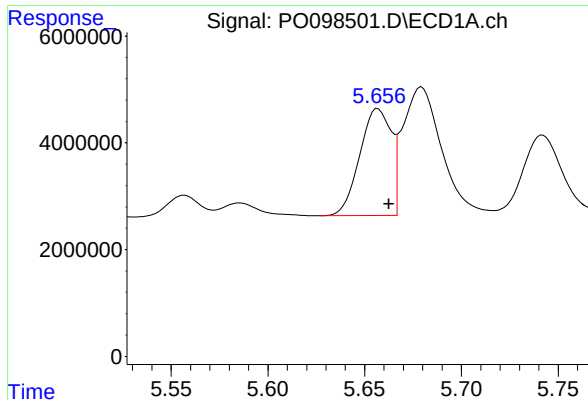
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 17580843
Conc: 496.34 ng/ml



#20 AR-1242-5

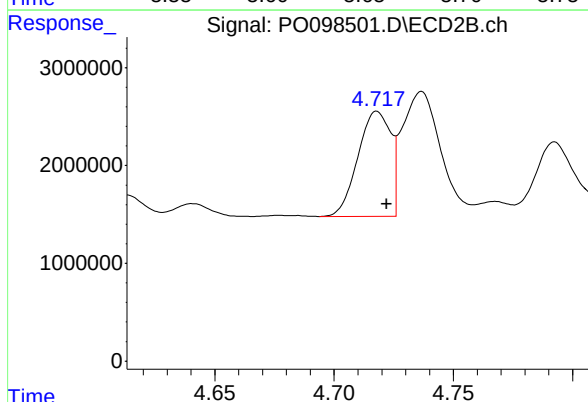
R.T.: 5.519 min
Delta R.T.: -0.007 min
Response: 9332556
Conc: 502.87 ng/ml



#21 AR-1248-1

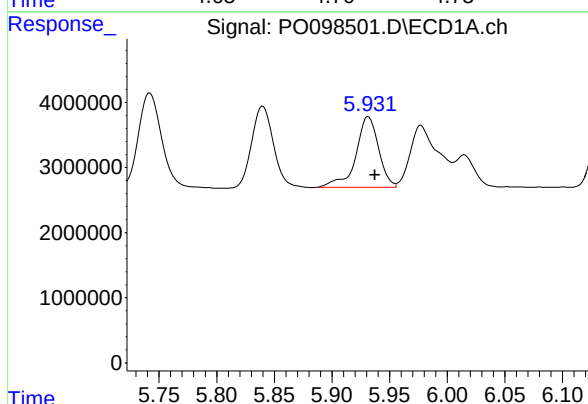
R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 22691596
Conc: 670.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



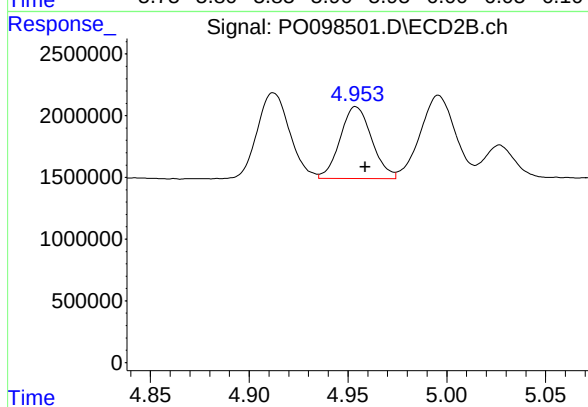
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.004 min
Response: 10246818
Conc: 653.86 ng/ml



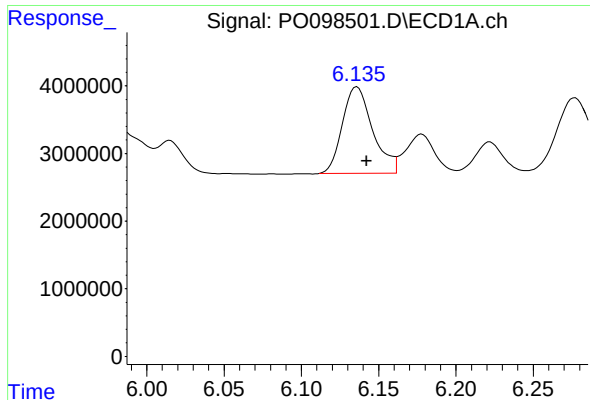
#22 AR-1248-2

R.T.: 5.931 min
Delta R.T.: -0.006 min
Response: 14867422
Conc: 287.08 ng/ml



#22 AR-1248-2

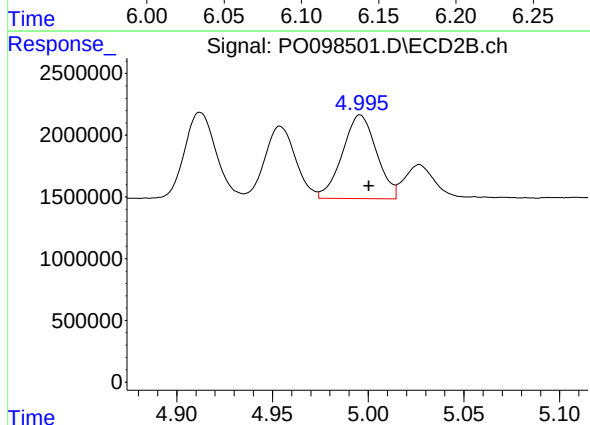
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 6507763
Conc: 295.72 ng/ml



#23 AR-1248-3

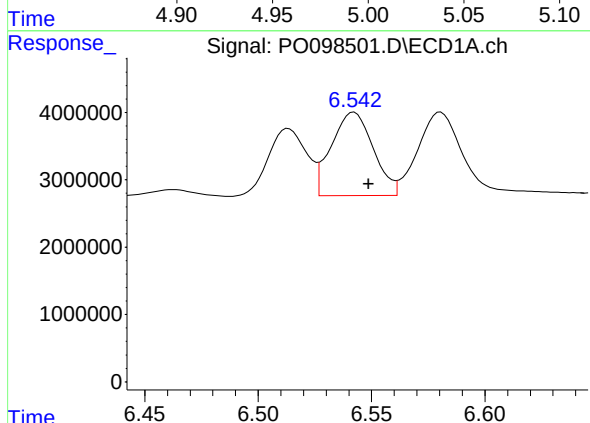
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 17405383
Conc: 307.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



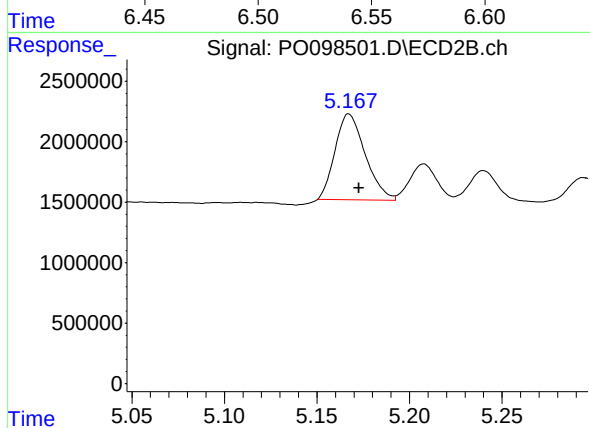
#23 AR-1248-3

R.T.: 4.996 min
Delta R.T.: -0.005 min
Response: 8395807
Conc: 357.58 ng/ml



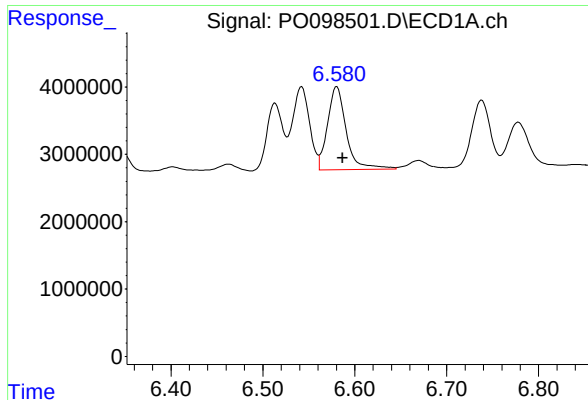
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: -0.006 min
Response: 15936246
Conc: 281.12 ng/ml



#24 AR-1248-4

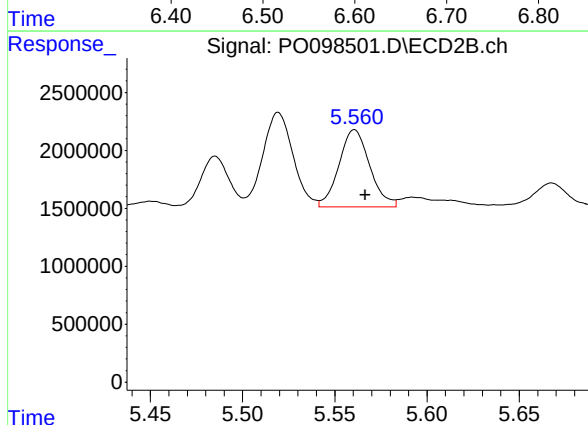
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 8031422
Conc: 301.09 ng/ml



#25 AR-1248-5

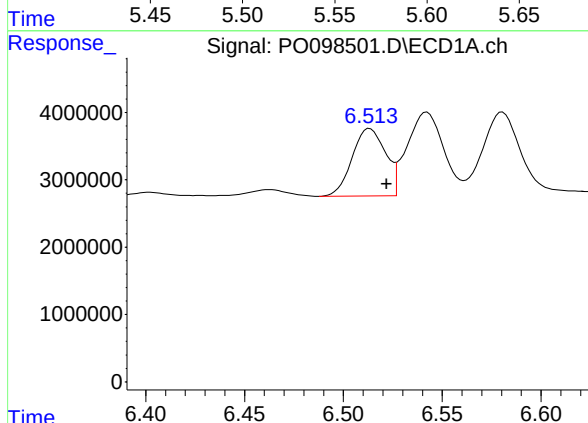
R.T.: 6.581 min
Delta R.T.: -0.007 min
Response: 17580843
Conc: 297.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



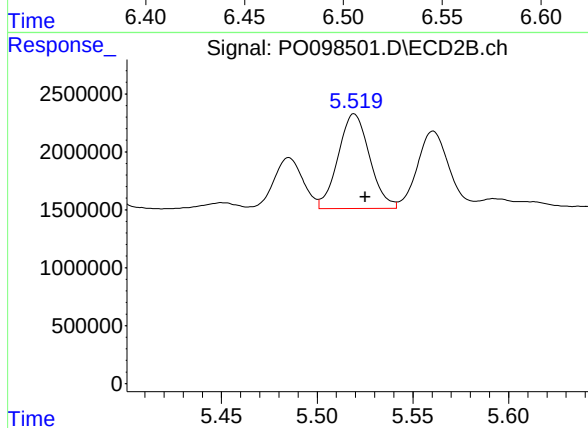
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 7719543
Conc: 327.15 ng/ml



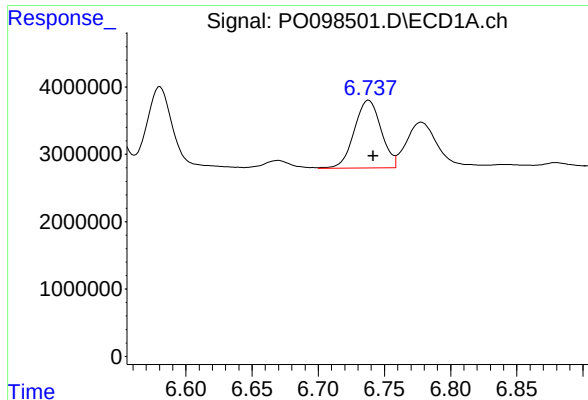
#26 AR-1254-1

R.T.: 6.513 min
Delta R.T.: -0.009 min
Response: 11811318
Conc: 187.00 ng/ml



#26 AR-1254-1

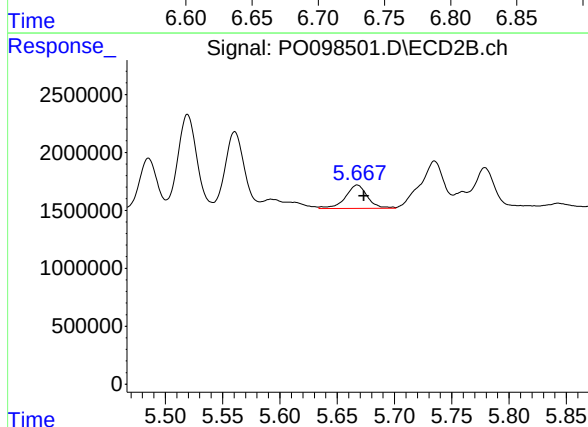
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 9332556
Conc: 243.39 ng/ml



#27 AR-1254-2

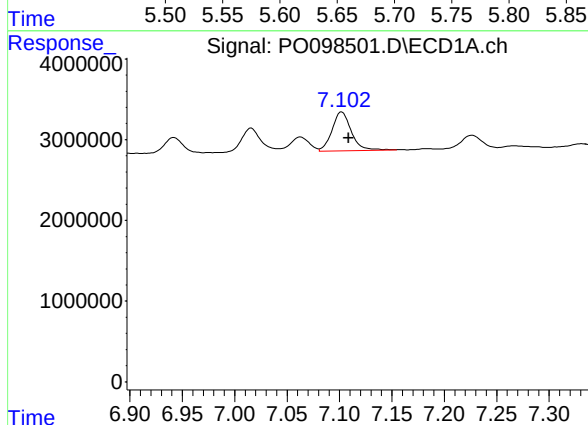
R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 14228329
Conc: 148.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



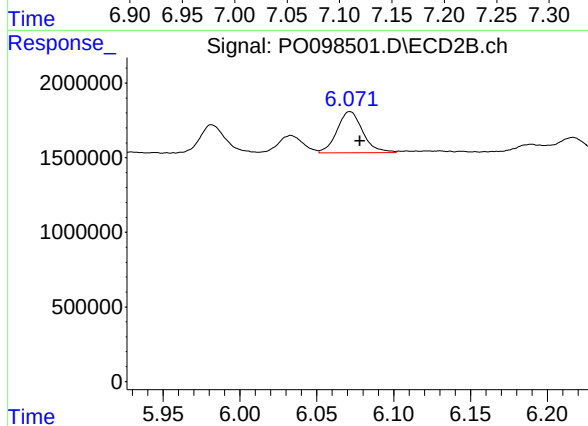
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.006 min
Response: 2678960
Conc: 77.81 ng/ml



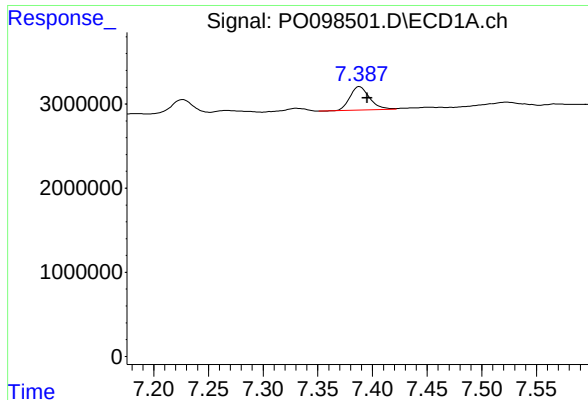
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 6191530
Conc: 65.80 ng/ml



#28 AR-1254-3

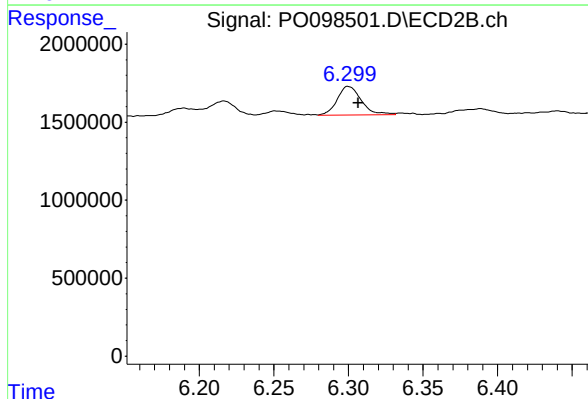
R.T.: 6.072 min
Delta R.T.: -0.007 min
Response: 3168118
Conc: 60.97 ng/ml



#29 AR-1254-4

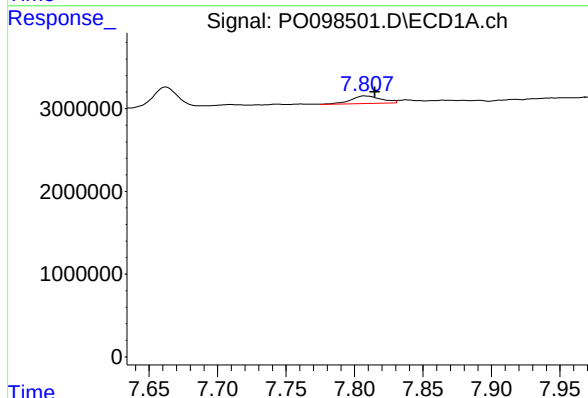
R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 3509631
Conc: 60.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



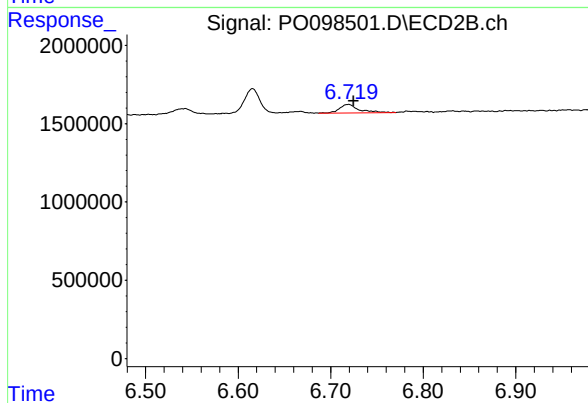
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 2083406
Conc: 75.90 ng/ml



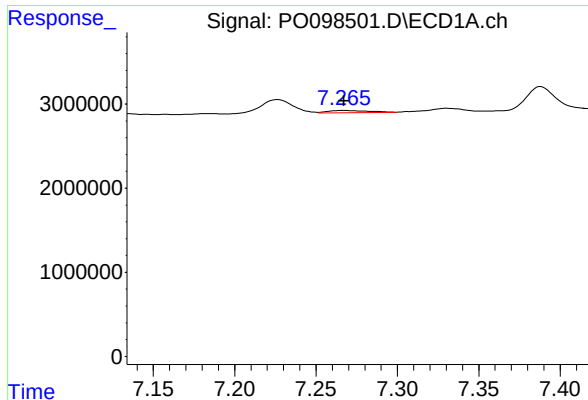
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.007 min
Response: 1465319
Conc: 20.98 ng/ml



#30 AR-1254-5

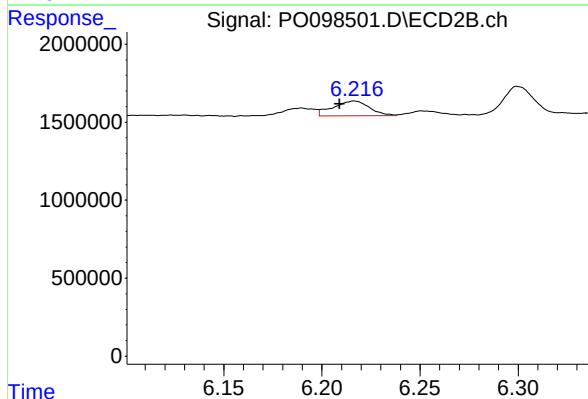
R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 842371
Conc: 19.45 ng/ml



#31 AR-1260-1

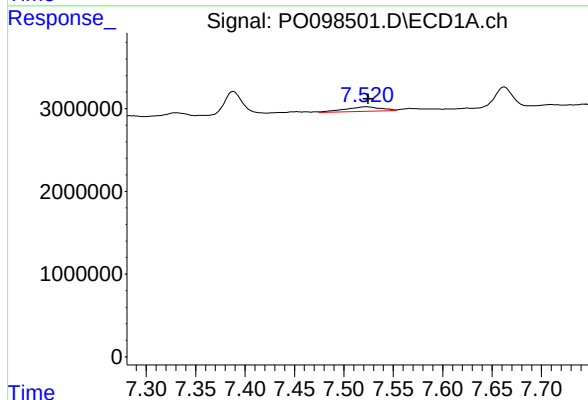
R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 464737
Conc: 6.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



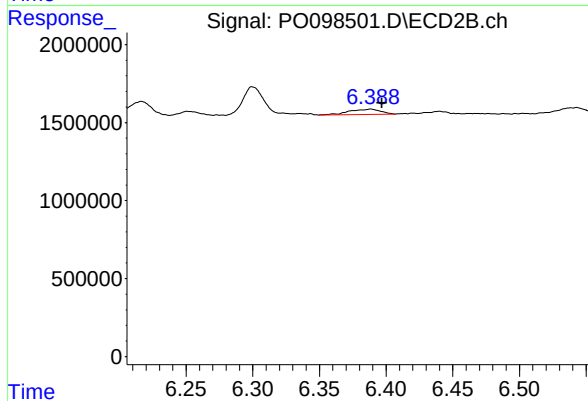
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.008 min
Response: 1231789
Conc: 33.57 ng/ml



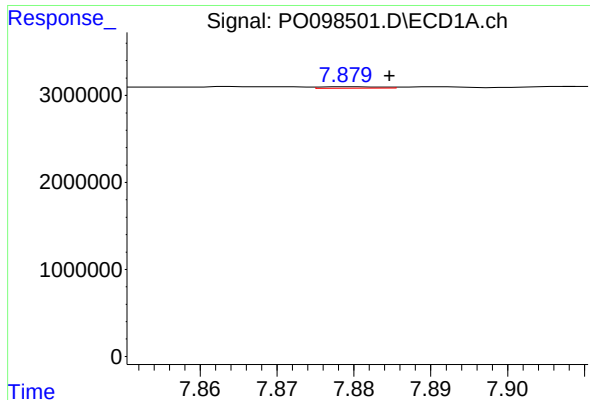
#32 AR-1260-2

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 1373468
Conc: 16.68 ng/ml



#32 AR-1260-2

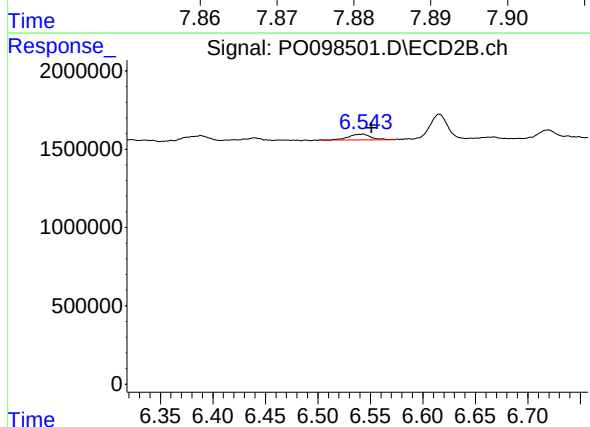
R.T.: 6.389 min
Delta R.T.: -0.008 min
Response: 556588
Conc: 13.26 ng/ml



#33 AR-1260-3

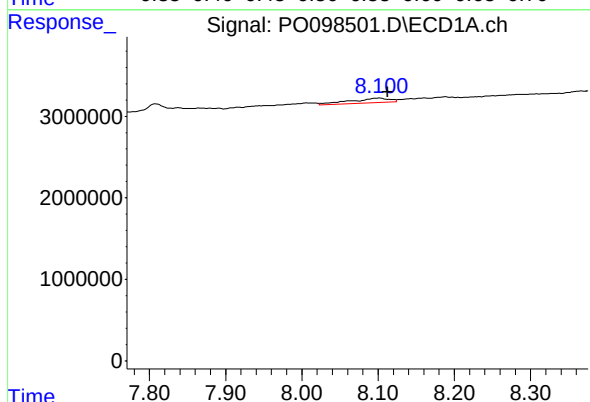
R.T.: 7.879 min
Delta R.T.: -0.005 min
Response: 87493
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



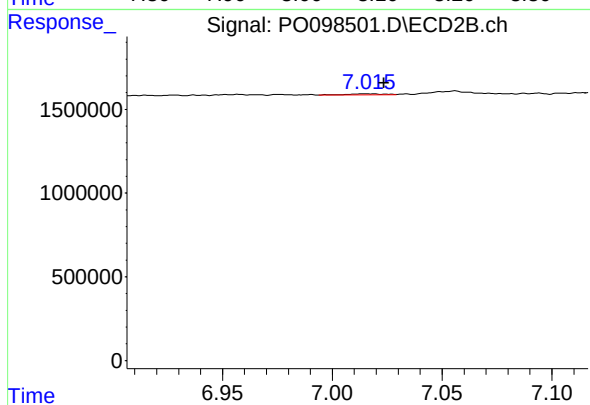
#33 AR-1260-3

R.T.: 6.543 min
Delta R.T.: -0.008 min
Response: 557384
Conc: 13.93 ng/ml



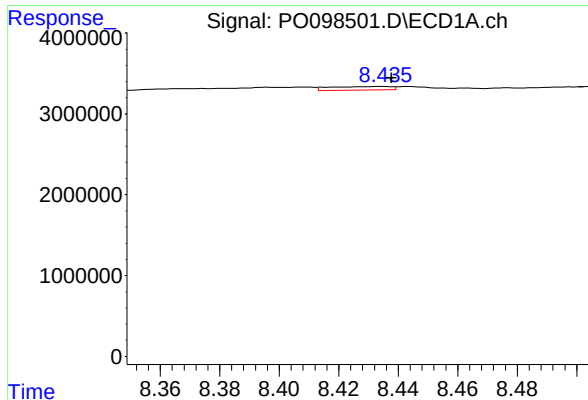
#34 AR-1260-4

R.T.: 8.102 min
Delta R.T.: -0.010 min
Response: 2091523
Conc: 31.03 ng/ml



#34 AR-1260-4

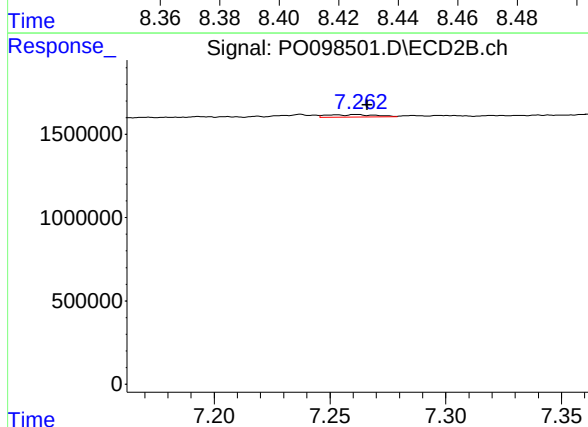
R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 86937
Conc: 2.70 ng/ml



#35 AR-1260-5

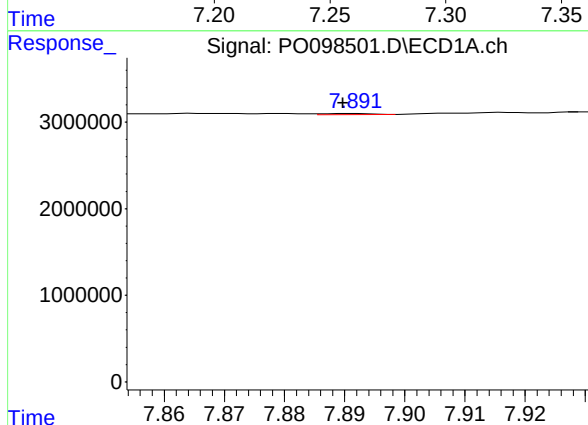
R.T.: 8.434 min
Delta R.T.: -0.004 min
Response: 610860
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



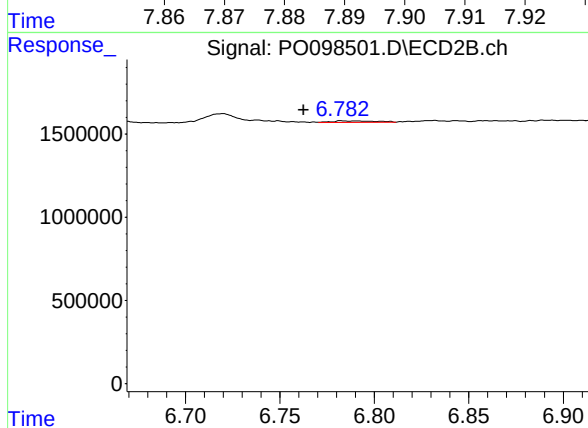
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 212571
Conc: 3.03 ng/ml



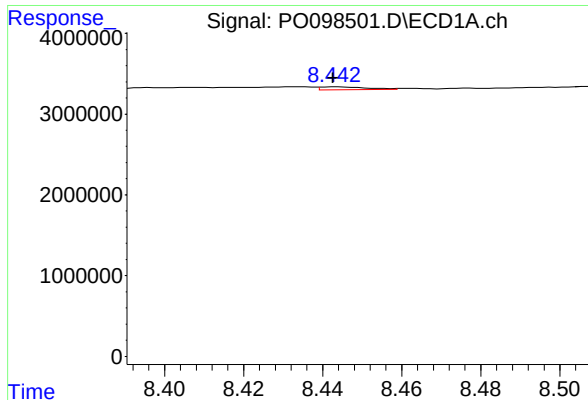
#36 AR-1262-1

R.T.: 7.891 min
Delta R.T.: 0.002 min
Response: 64904
Conc: 0.75 ng/ml



#36 AR-1262-1

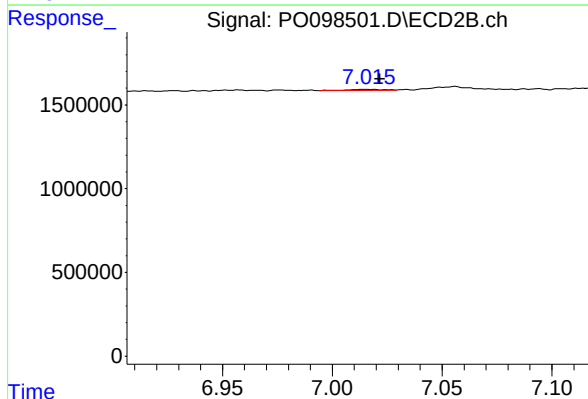
R.T.: 6.783 min
Delta R.T.: 0.020 min
Response: 137163
Conc: 3.03 ng/ml



#37 AR-1262-2

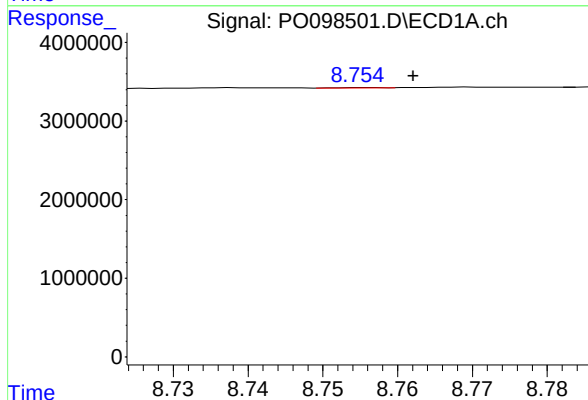
R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 293326
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



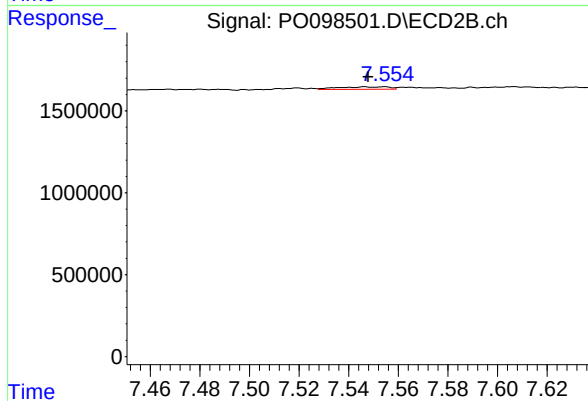
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 86937
Conc: 2.16 ng/ml



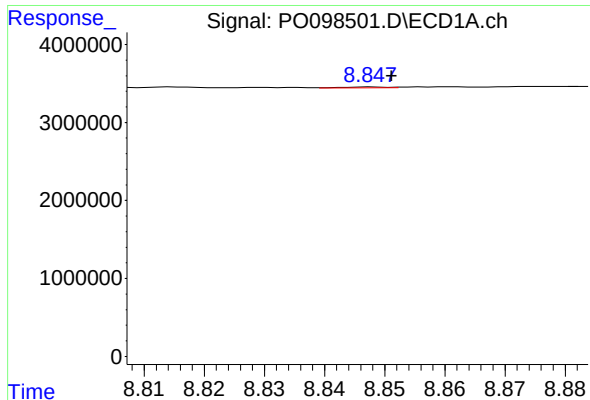
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.007 min
Response: 22933
Conc: 0.23 ng/ml



#38 AR-1262-3

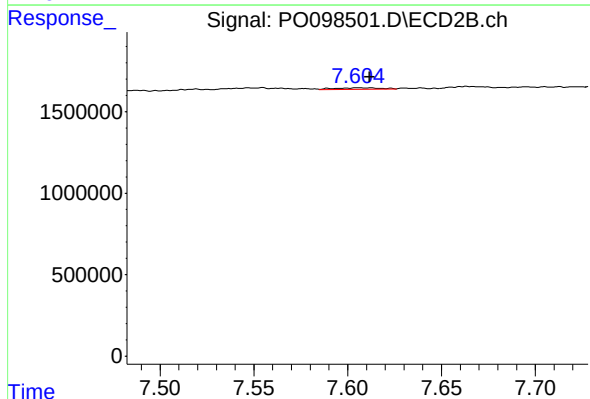
R.T.: 7.554 min
Delta R.T.: 0.006 min
Response: 212214
Conc: 6.84 ng/ml



#39 AR-1262-4

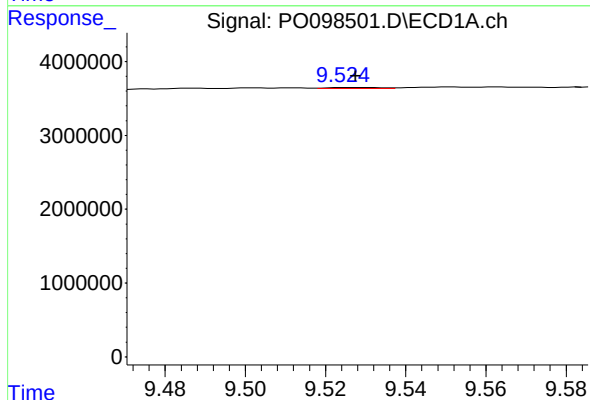
R.T.: 8.848 min
Delta R.T.: -0.003 min
Response: 57607
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



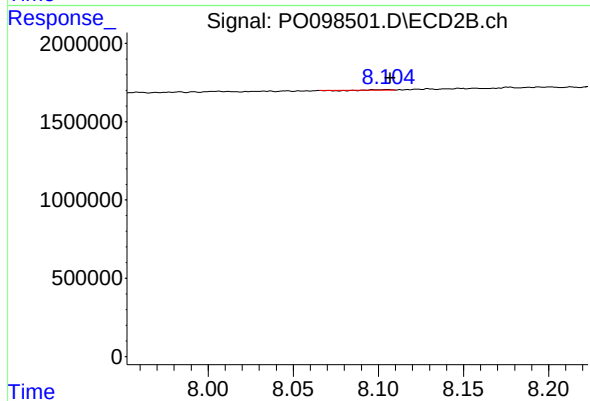
#39 AR-1262-4

R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 149963
Conc: 2.77 ng/ml



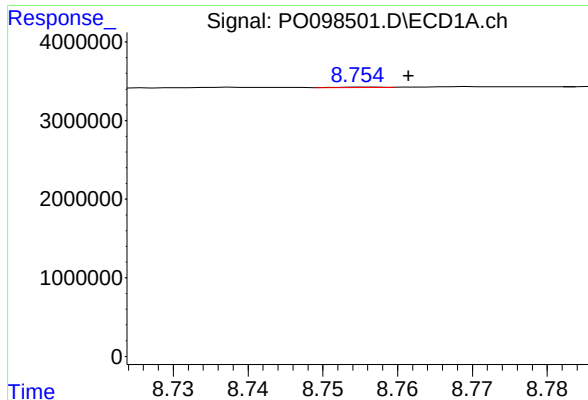
#40 AR-1262-5

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 124578
Conc: 2.57 ng/ml



#40 AR-1262-5

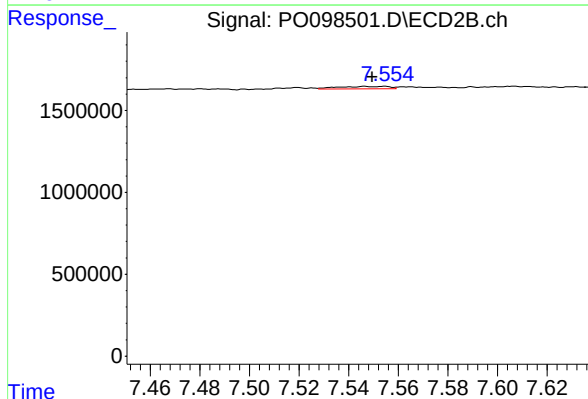
R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 6841
Conc: 0.28 ng/ml



#41 AR-1268-1

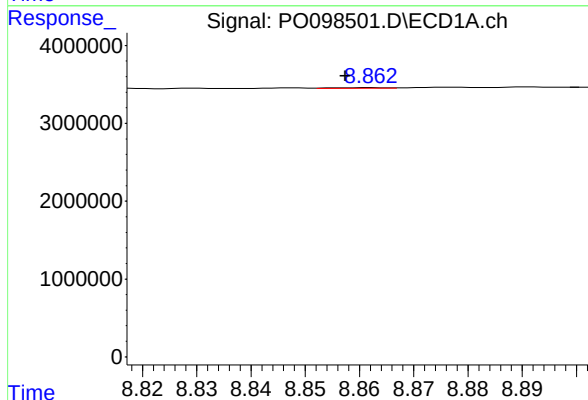
R.T.: 8.755 min
Delta R.T.: -0.006 min
Response: 22933
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



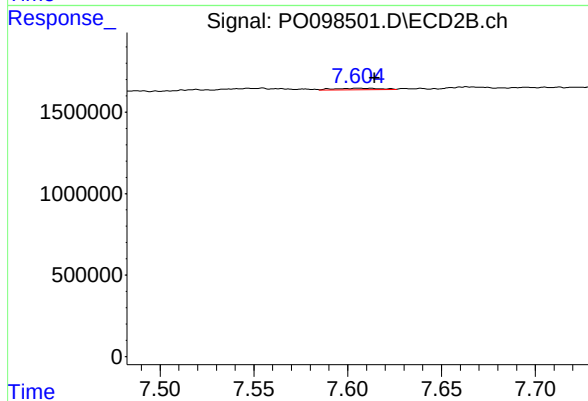
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: 0.005 min
Response: 212214
Conc: 2.32 ng/ml



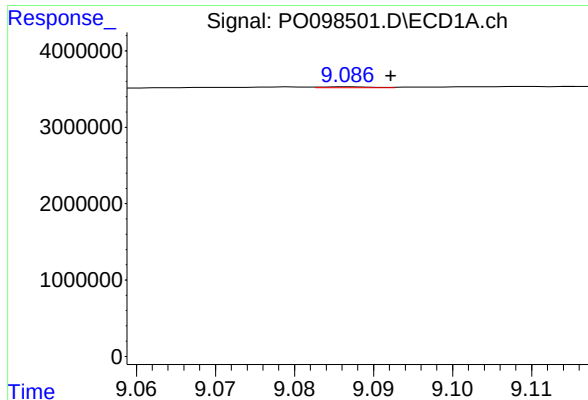
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: 0.004 min
Response: 66210
Conc: 0.42 ng/ml



#42 AR-1268-2

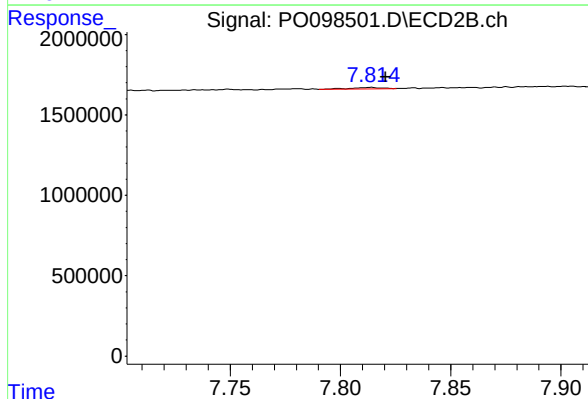
R.T.: 7.606 min
Delta R.T.: -0.009 min
Response: 149963
Conc: 1.93 ng/ml



#43 AR-1268-3

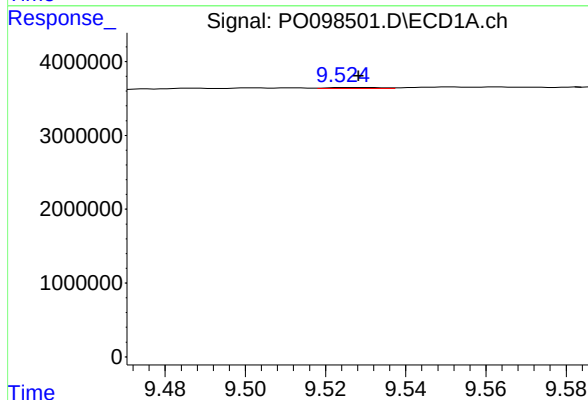
R.T.: 9.087 min
Delta R.T.: -0.005 min
Response: 55484
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



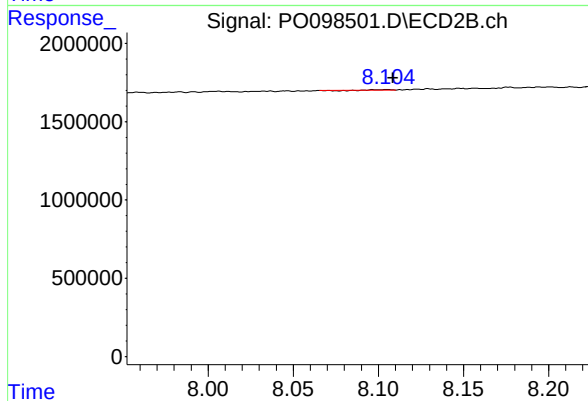
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: -0.007 min
Response: 82522
Conc: 1.25 ng/ml



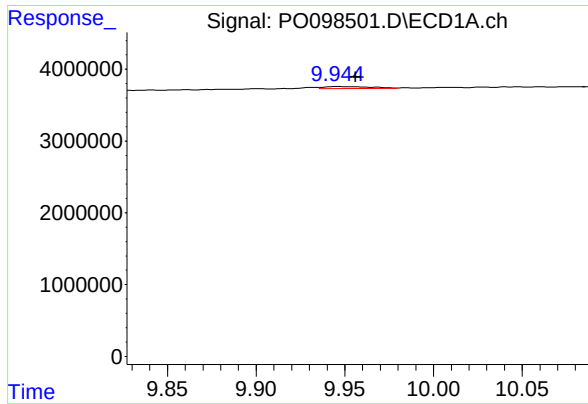
#44 AR-1268-4

R.T.: 9.524 min
Delta R.T.: -0.004 min
Response: 124578
Conc: 2.34 ng/ml



#44 AR-1268-4

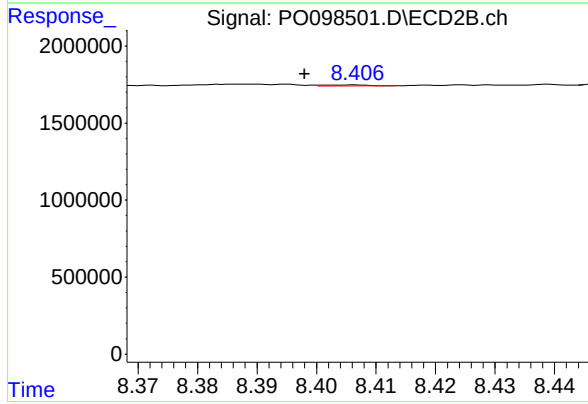
R.T.: 8.105 min
Delta R.T.: -0.003 min
Response: 6841
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 9.946 min
Delta R.T.: -0.010 min
Response: 516746
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.406 min
Delta R.T.: 0.008 min
Response: 31256
Conc: 0.16 ng/ml