

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 10:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:24:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.342	2.610	54544022	15493008	17.060	17.035
28)	SA Decachlor...	8.843	7.760	50519118	20352269	18.924	18.459
Target Compounds							
2)	A alpha-BHC	3.796	3.107	38410882	9856579	8.296	7.761
3)	MA gamma-BHC...	4.128	3.434	36782906	9622959	8.408	7.876
4)	MA Heptachlor	0.000	3.787f	0	40983	N.D.	0.035 #
5)	MB Aldrin	0.000	4.060	0	157331	N.D.	0.129 #
6)	B beta-BHC	4.332	3.737	18447352	5224703	9.861	9.875
8)	B Heptachlo...	0.000	4.537f	0	26237	N.D.	0.023 #
11)	B alpha-Chl...	0.000	4.880	0	906425	N.D.	0.682 #
12)	B 4,4'-DDE	6.007	5.068	1330266	241003	0.440	0.263 #
14)	MA Endrin	6.375	5.459	123.5E6	40093704	47.924	47.572
15)	B Endosulfa...	6.612	5.749	931433	128955	0.326	0.139 #
16)	A 4,4'-DDD	6.528	5.623	2607060	792505	1.113	1.026
17)	MA 4,4'-DDT	6.841	5.874	249.9E6	84675605	97.363	104.996
18)	B Endrin al...	6.732	5.940	5300273	2749036	2.485	3.935 #
19)	B Endosulfa...	6.949f	6.165	509184	35973	0.178	0.038 #
20)	A Methoxychlor	7.328	6.459	317.7E6	118.8E6	240.584	230.895
21)	B Endrin ke...	7.449	6.665	6533628	3238974	2.185	2.837 #
22)	Mirex	0.000	6.843	0	15509	N.D.	0.015 #
23)	Chlordane-1	0.000	3.605	0	276967	N.D.	8.075 #
24)	Chlordane-2	0.000	4.160f	0	116253	N.D.	2.831 #
26)	Chlordane-4	0.000	4.880	0	906425	N.D.	6.669 #

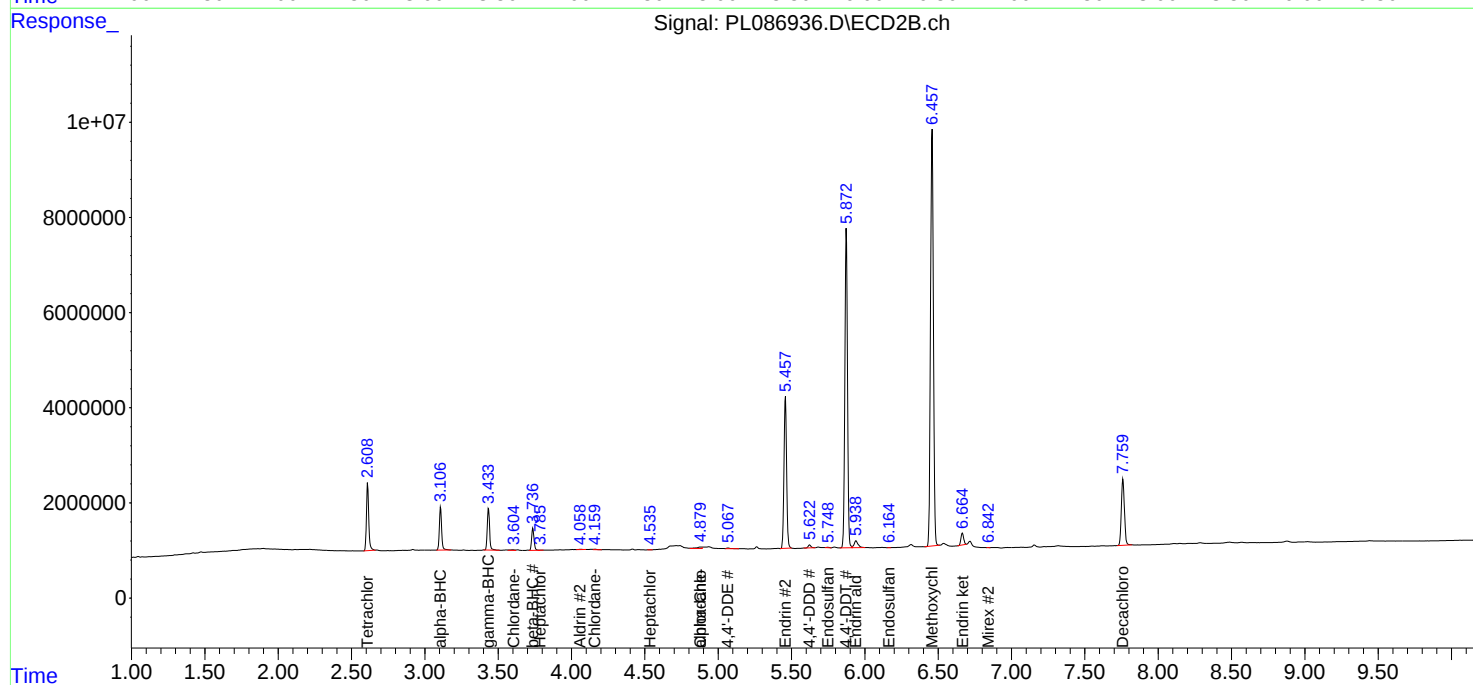
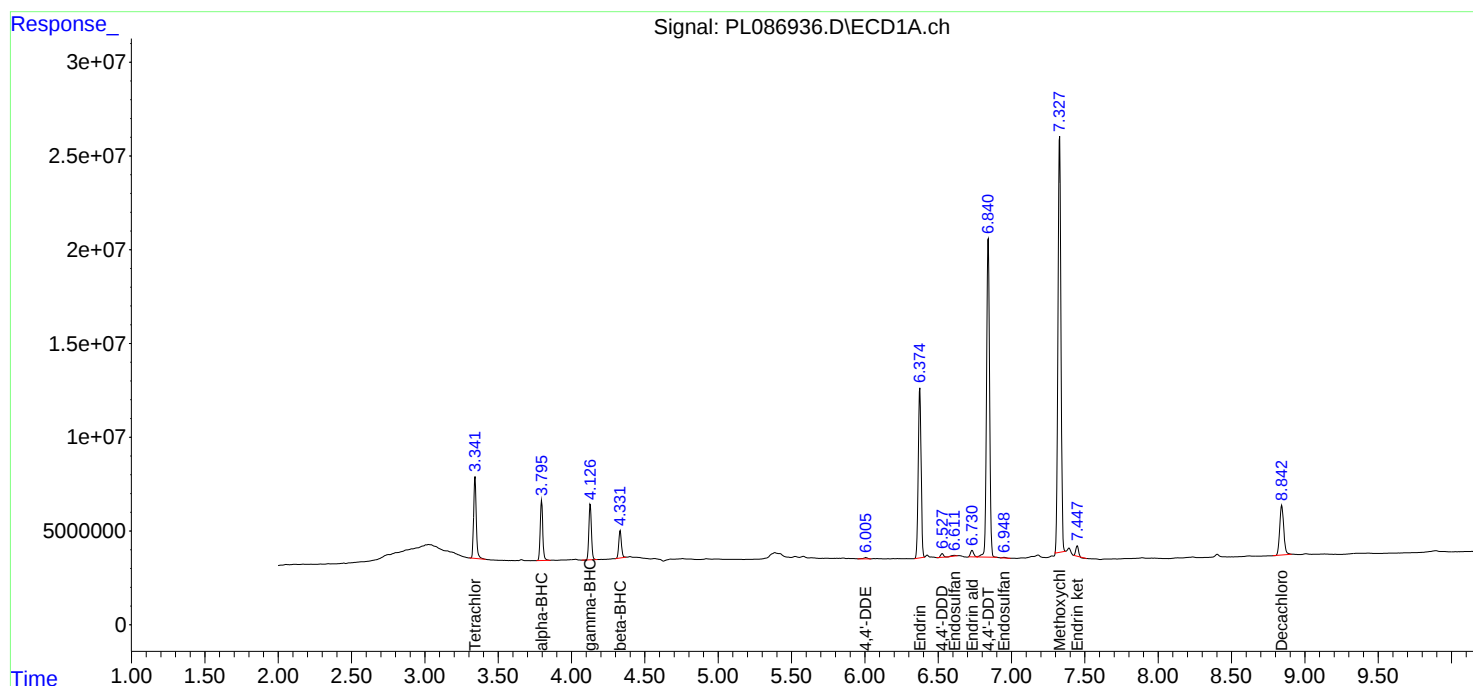
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

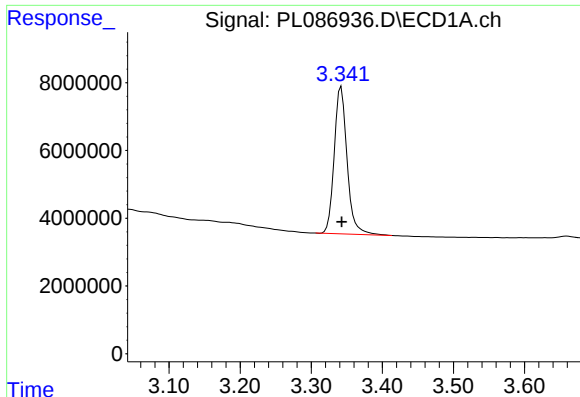
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
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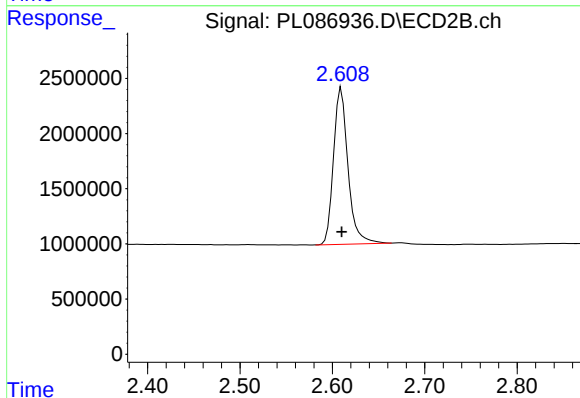




#1 Tetrachloro-m-xylene

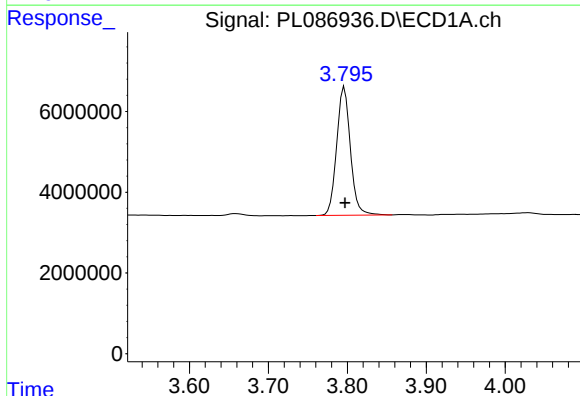
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 54544022
Conc: 17.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



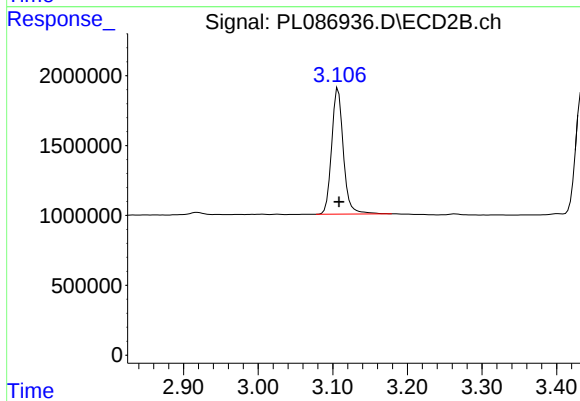
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 15493008
Conc: 17.03 ng/ml



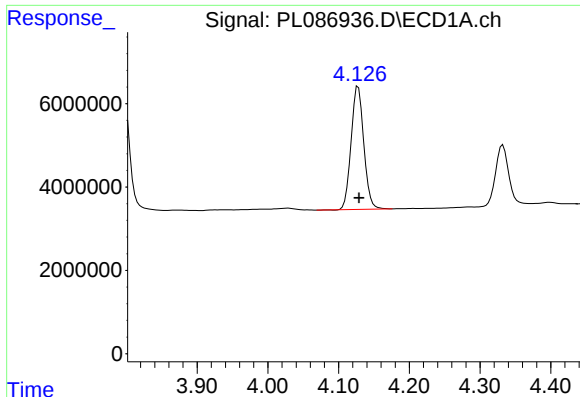
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 38410882
Conc: 8.30 ng/ml



#2 alpha-BHC

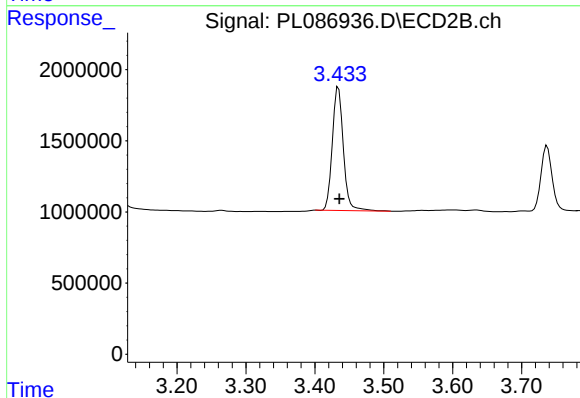
R.T.: 3.107 min
Delta R.T.: -0.001 min
Response: 9856579
Conc: 7.76 ng/ml



#3 gamma-BHC (Lindane)

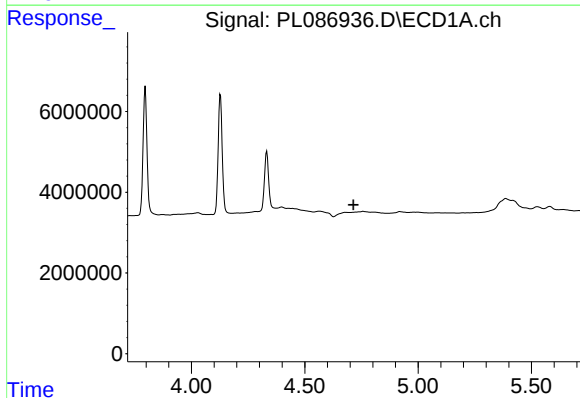
R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 36782906
Conc: 8.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



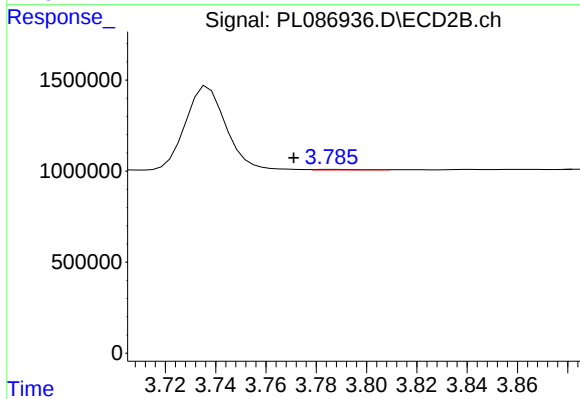
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.001 min
Response: 9622959
Conc: 7.88 ng/ml



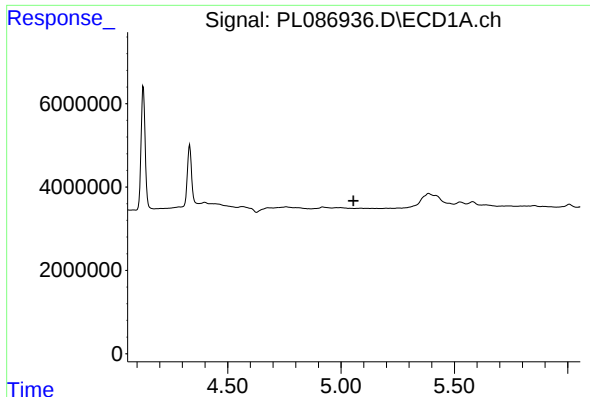
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#4 Heptachlor

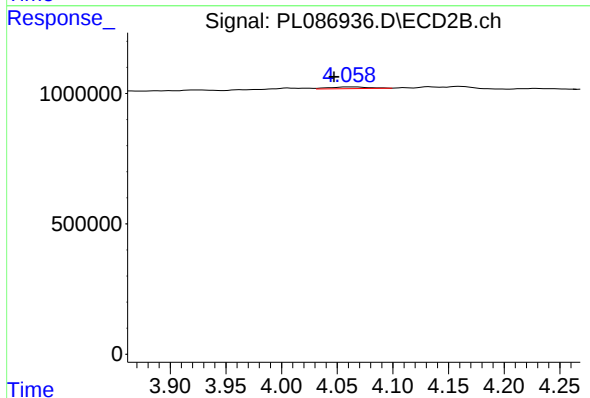
R.T.: 3.787 min
Delta R.T.: 0.016 min
Response: 40983
Conc: 0.04 ng/ml



#5 Aldrin

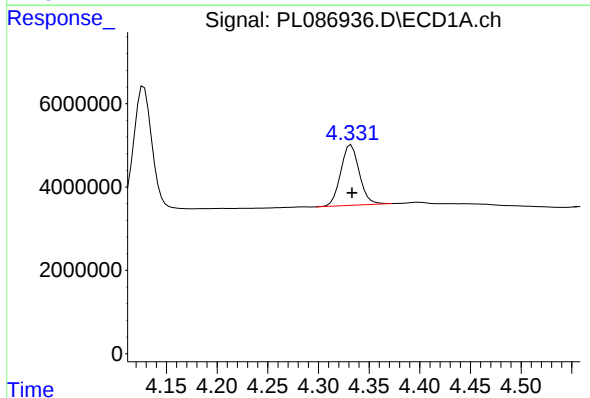
R.T.: 0.000 min
Exp R.T.: 5.055 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



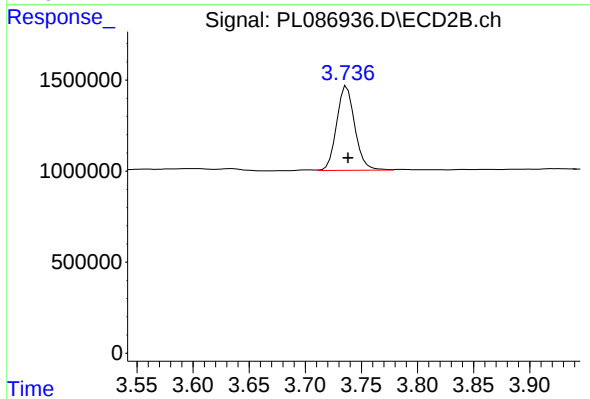
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: 0.013 min
Response: 157331
Conc: 0.13 ng/ml



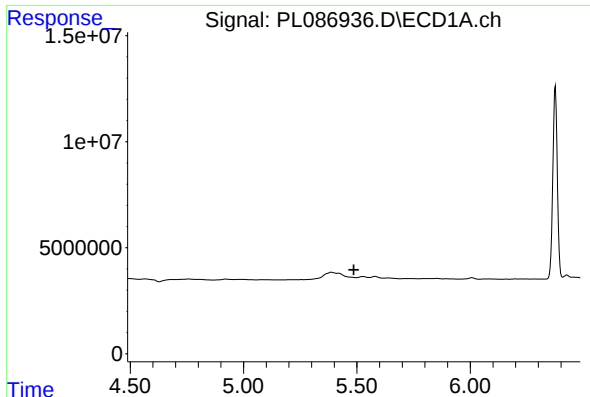
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 18447352
Conc: 9.86 ng/ml



#6 beta-BHC

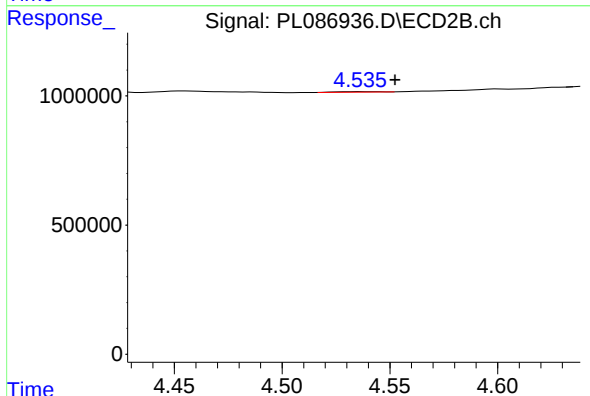
R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 5224703
Conc: 9.87 ng/ml



#8 Heptachlor epoxide

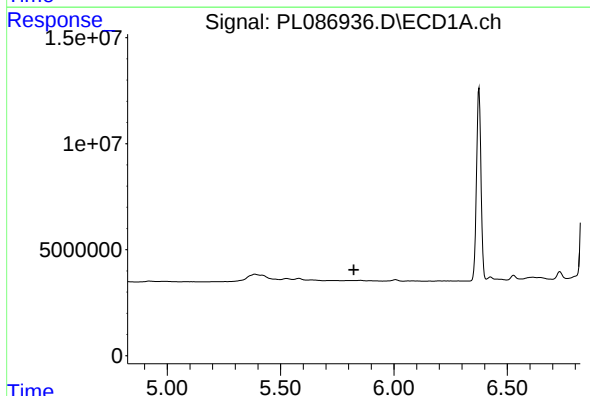
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



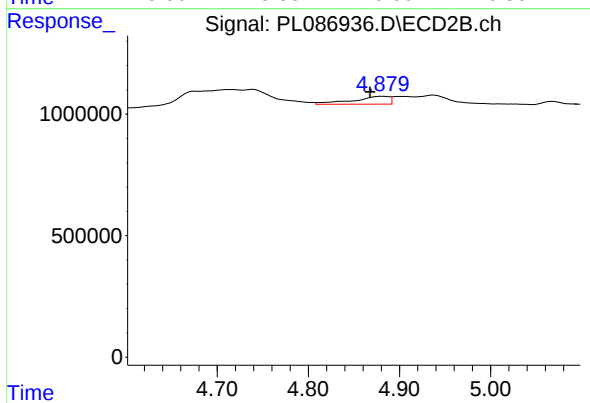
#8 Heptachlor epoxide

R.T.: 4.537 min
Delta R.T.: -0.016 min
Response: 26237
Conc: 0.02 ng/ml



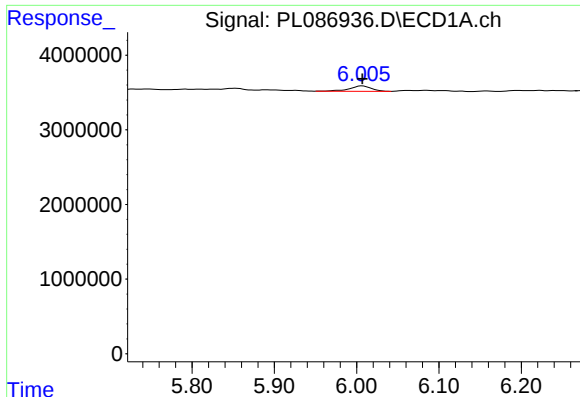
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.823 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

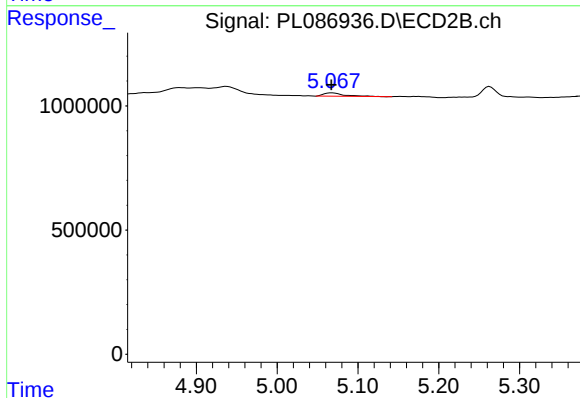
R.T.: 4.880 min
Delta R.T.: 0.012 min
Response: 906425
Conc: 0.68 ng/ml



#12 4,4'-DDE

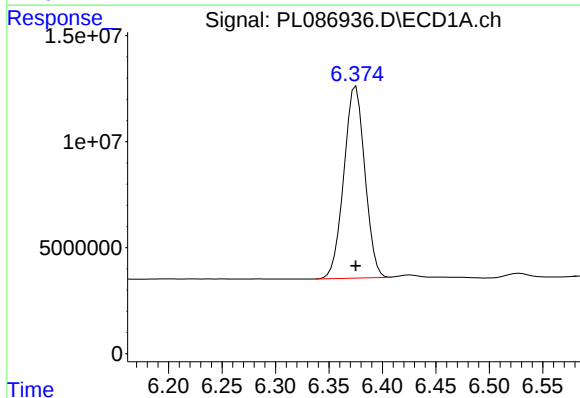
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 1330266
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



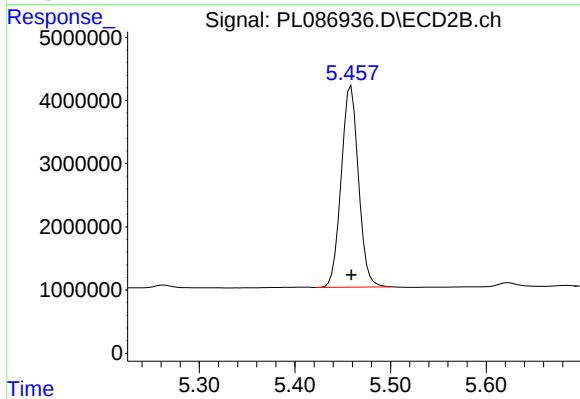
#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 241003
Conc: 0.26 ng/ml



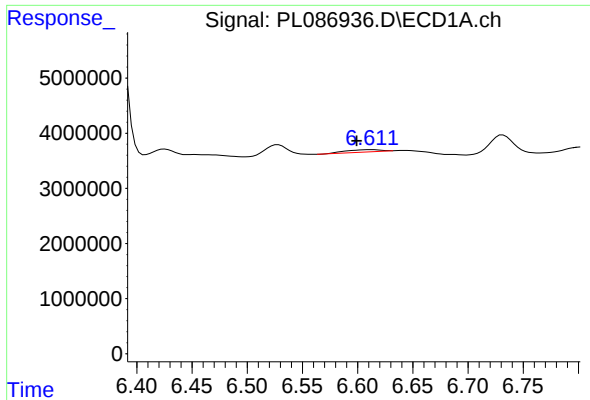
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 123530718
Conc: 47.92 ng/ml



#14 Endrin

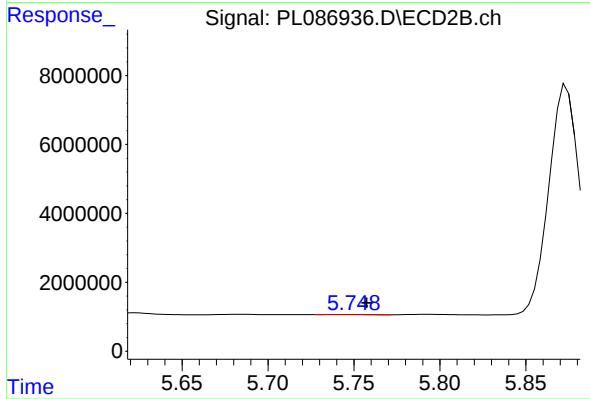
R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 40093704
Conc: 47.57 ng/ml



#15 Endosulfan II

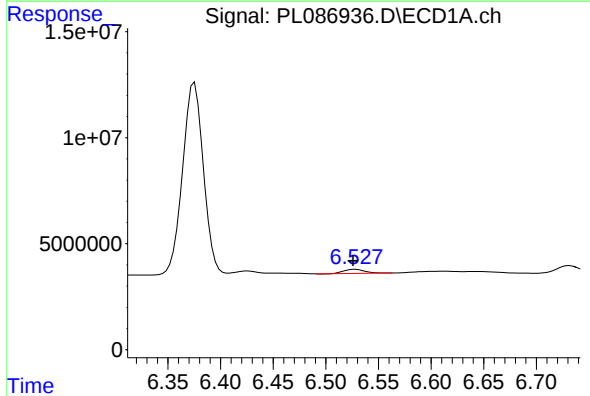
R.T.: 6.612 min
Delta R.T.: 0.013 min
Response: 931433
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



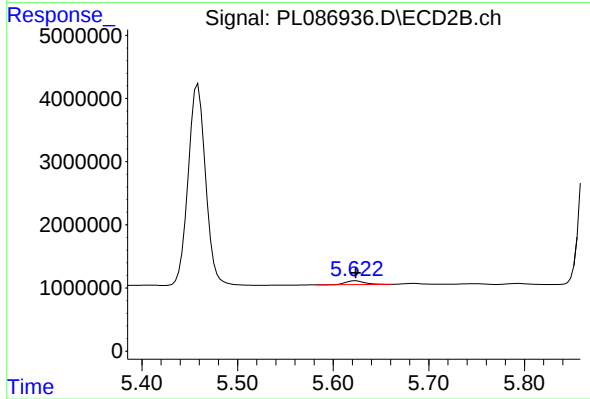
#15 Endosulfan II

R.T.: 5.749 min
Delta R.T.: -0.008 min
Response: 128955
Conc: 0.14 ng/ml



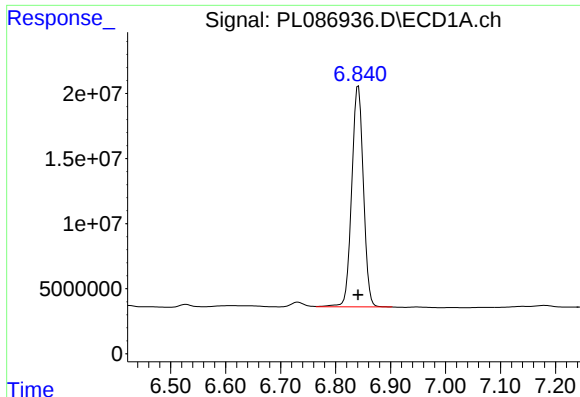
#16 4,4'-DDD

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 2607060
Conc: 1.11 ng/ml



#16 4,4'-DDD

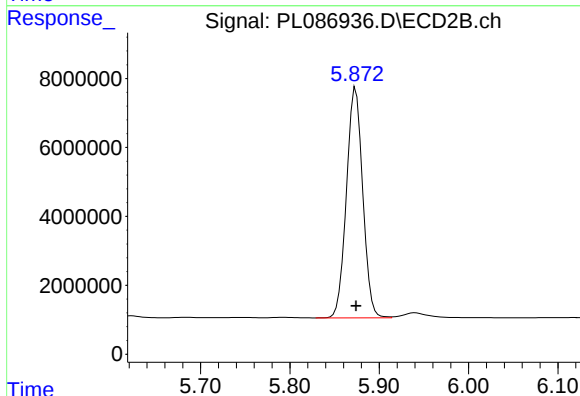
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 792505
Conc: 1.03 ng/ml



#17 4,4'-DDT

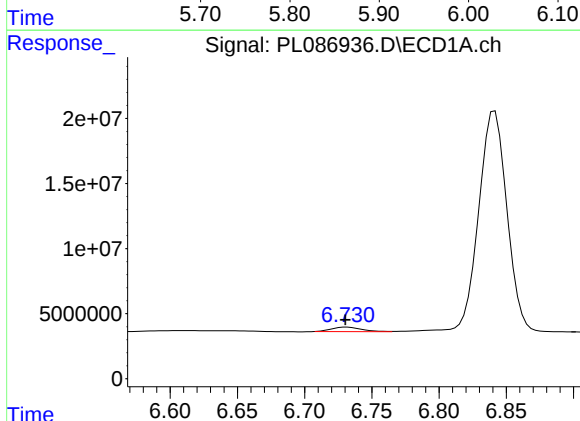
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 249898507
Conc: 97.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



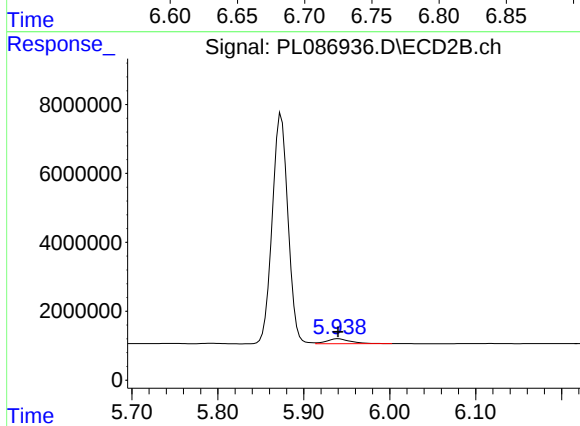
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 84675605
Conc: 105.00 ng/ml



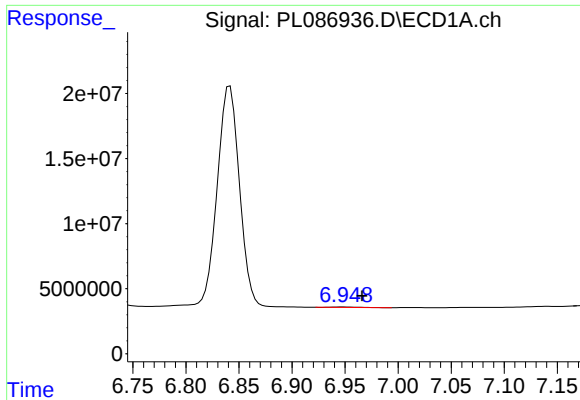
#18 Endrin aldehyde

R.T.: 6.732 min
Delta R.T.: 0.001 min
Response: 5300273
Conc: 2.48 ng/ml



#18 Endrin aldehyde

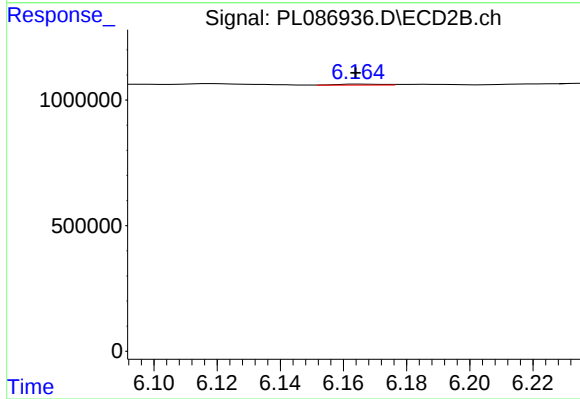
R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2749036
Conc: 3.93 ng/ml



#19 Endosulfan Sulfate

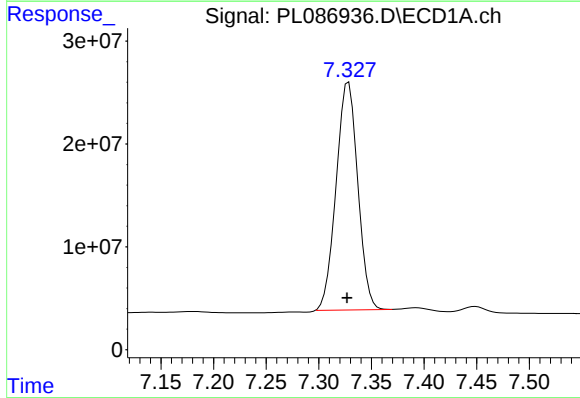
R.T.: 6.949 min
Delta R.T.: -0.017 min
Response: 509184
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



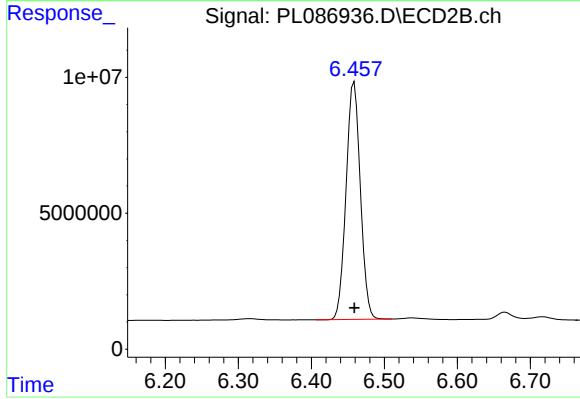
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 35973
Conc: 0.04 ng/ml



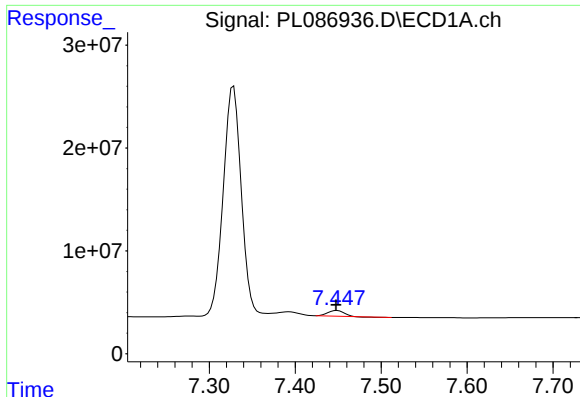
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.001 min
Response: 317686576
Conc: 240.58 ng/ml



#20 Methoxychlor

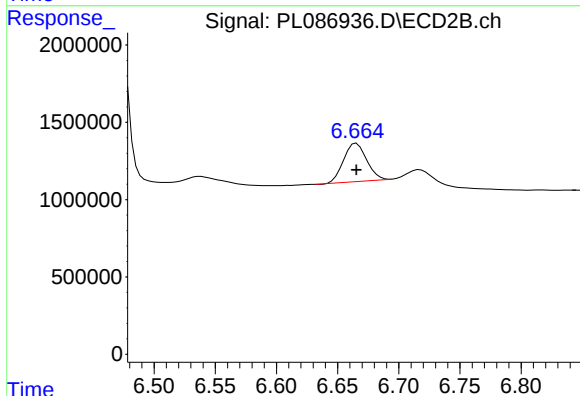
R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 118846405
Conc: 230.89 ng/ml



#21 Endrin ketone

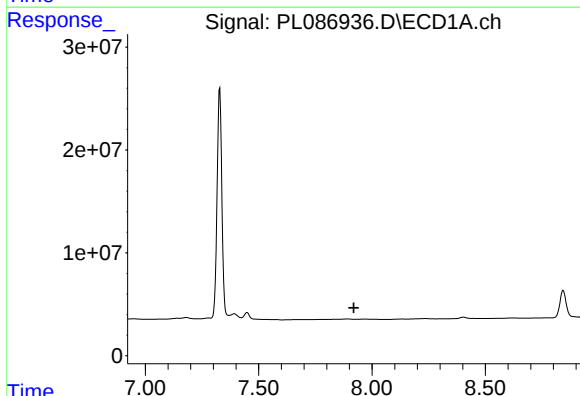
R.T.: 7.449 min
Delta R.T.: 0.001 min
Response: 6533628
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



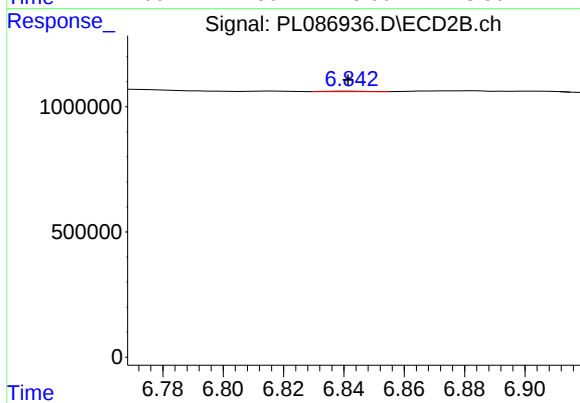
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 3238974
Conc: 2.84 ng/ml



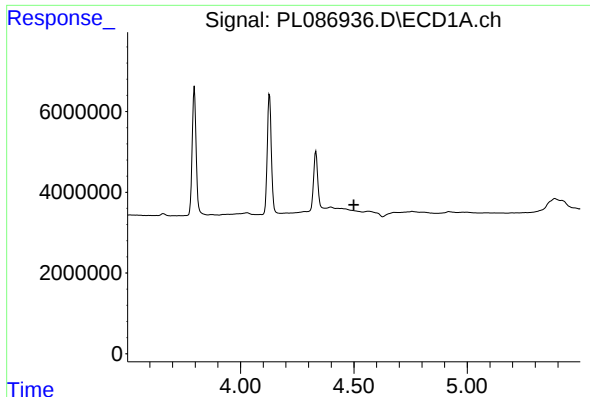
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.919 min
Response: 0
Conc: N.D.



#22 Mirex

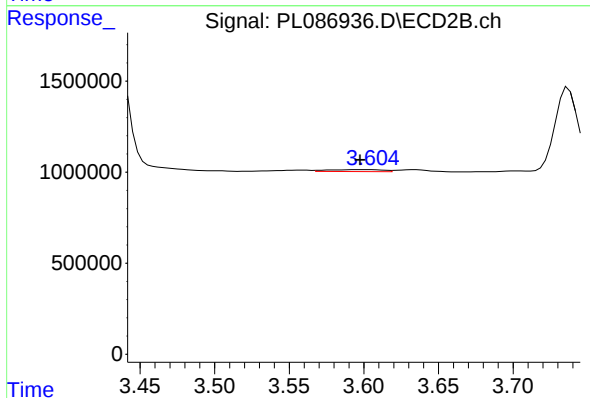
R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 15509
Conc: 0.01 ng/ml



#23 Chlordane-1

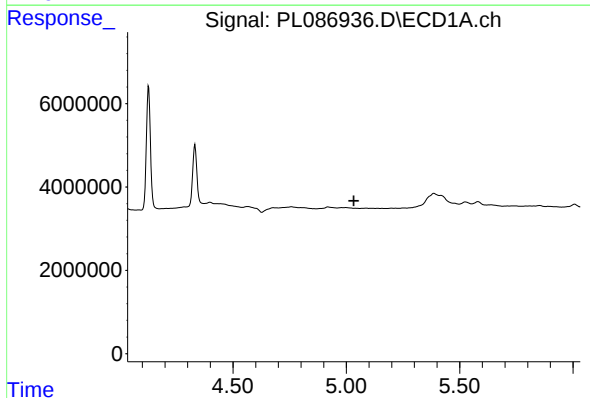
R.T.: 0.000 min
Exp R.T.: 4.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



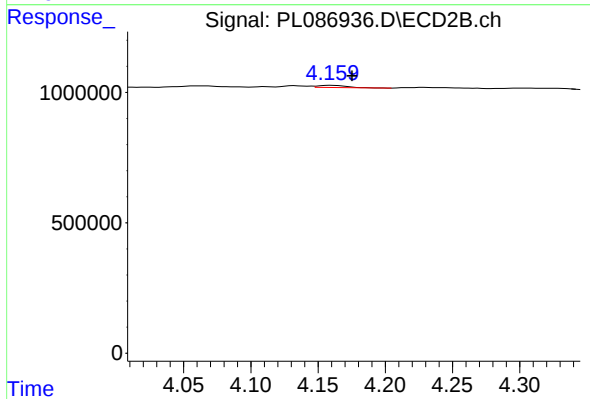
#23 Chlordane-1

R.T.: 3.605 min
Delta R.T.: 0.008 min
Response: 276967
Conc: 8.08 ng/ml



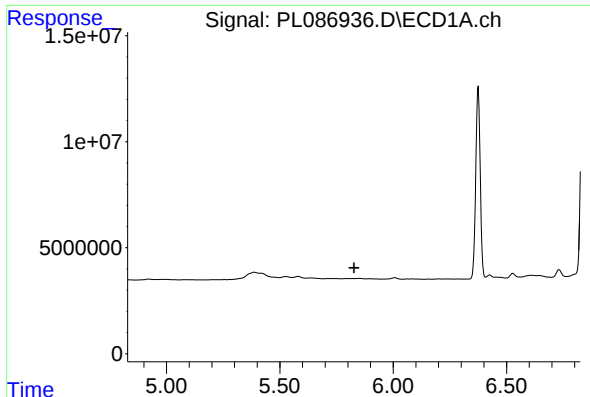
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.033 min
Response: 0
Conc: N.D.



#24 Chlordane-2

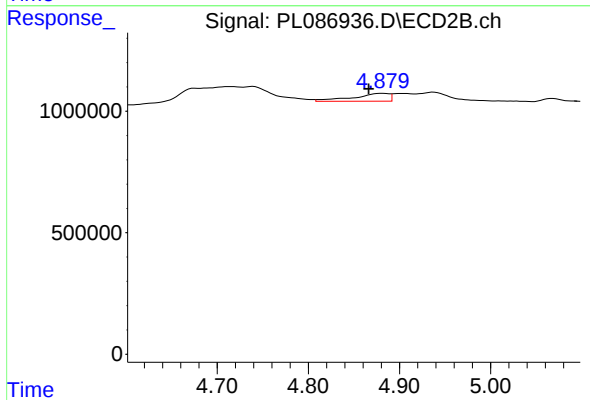
R.T.: 4.160 min
Delta R.T.: -0.015 min
Response: 116253
Conc: 2.83 ng/ml



#26 Chlordane-4

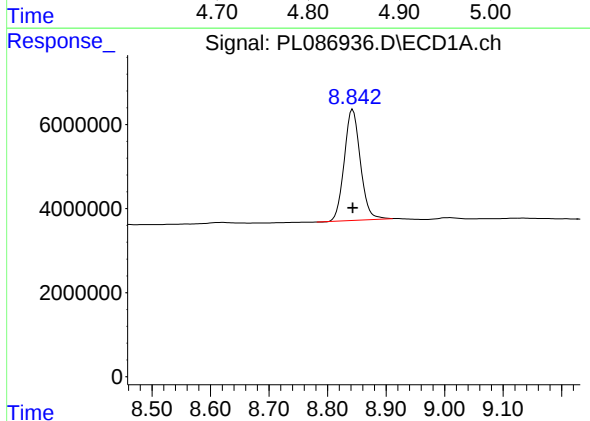
R.T.: 0.000 min
Exp R.T.: 5.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



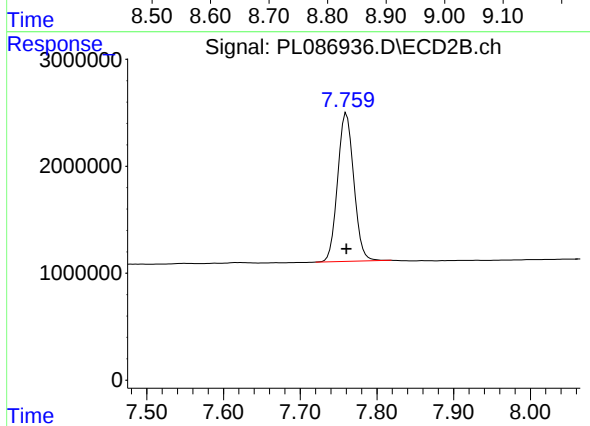
#26 Chlordane-4

R.T.: 4.880 min
Delta R.T.: 0.014 min
Response: 906425
Conc: 6.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 50519118
Conc: 18.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 20352269
Conc: 18.46 ng/ml