

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 20:43
 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 12 21:57:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.454	2.702	67629381	17781752	18.536	18.004
28)	SA Decachlor...	9.051	7.900	61411095	20066917	20.289	19.590
Target Compounds							
2)	A alpha-BHC	3.913	3.209	46020559	10991900	8.761	8.324
3)	MA gamma-BHC...	4.248	3.541	43434528	10817283	8.843	8.262
5)	MB Aldrin	0.000	4.156	0	8491	N.D.	0.007 #
6)	B beta-BHC	4.449	3.843	20061778	6016397	9.549	10.085
7)	B delta-BHC	4.696	4.073	625337	29932	0.137	0.023 #
8)	B Heptachlo...	0.000	4.689	0	73314	N.D.	0.064 #
9)	A Endosulfan I	0.000	5.056	0	1562902	N.D.	1.286 #
10)	B gamma-Chl...	5.859f	4.940	1573279	1410802	0.367	1.153 #
11)	B alpha-Chl...	0.000	5.008f	0	1865568	N.D.	1.483 #
12)	B 4,4'-DDE	6.144	5.192	781836	70674	0.239	0.068 #
14)	MA Endrin	6.519	5.589	143.9E6	45464523	43.203	44.467
15)	B Endosulfa...	6.755	5.867f	2214638	239163	0.611	0.244 #
16)	A 4,4'-DDD	6.669	5.750	4854414	1384277	1.995	1.669
17)	MA 4,4'-DDT	6.989	6.003	272.8E6	86509838	96.561	98.611
18)	B Endrin al...	6.876	6.070	4111954	2281097	1.747	2.863 #
19)	B Endosulfa...	0.000	6.295	0	12720	N.D.	0.014 #
20)	A Methoxychlor	7.480	6.590	359.0E6	114.6E6	245.455	210.167
21)	B Endrin ke...	7.600	6.799	7868782	2561460	2.425	2.383
22)	Mirex	8.096f	6.965f	44134	32464	0.015	0.035 #
23)	Chlordane-1	0.000	3.715	0	13961	N.D.	0.413 #
24)	Chlordane-2	0.000	4.279	0	67904	N.D.	1.596 #
25)	Chlordane-3	5.859f	4.940	1573279	1410802	2.590	11.759 #
26)	Chlordane-4	0.000	5.008f	0	1865568	N.D.	14.009 #

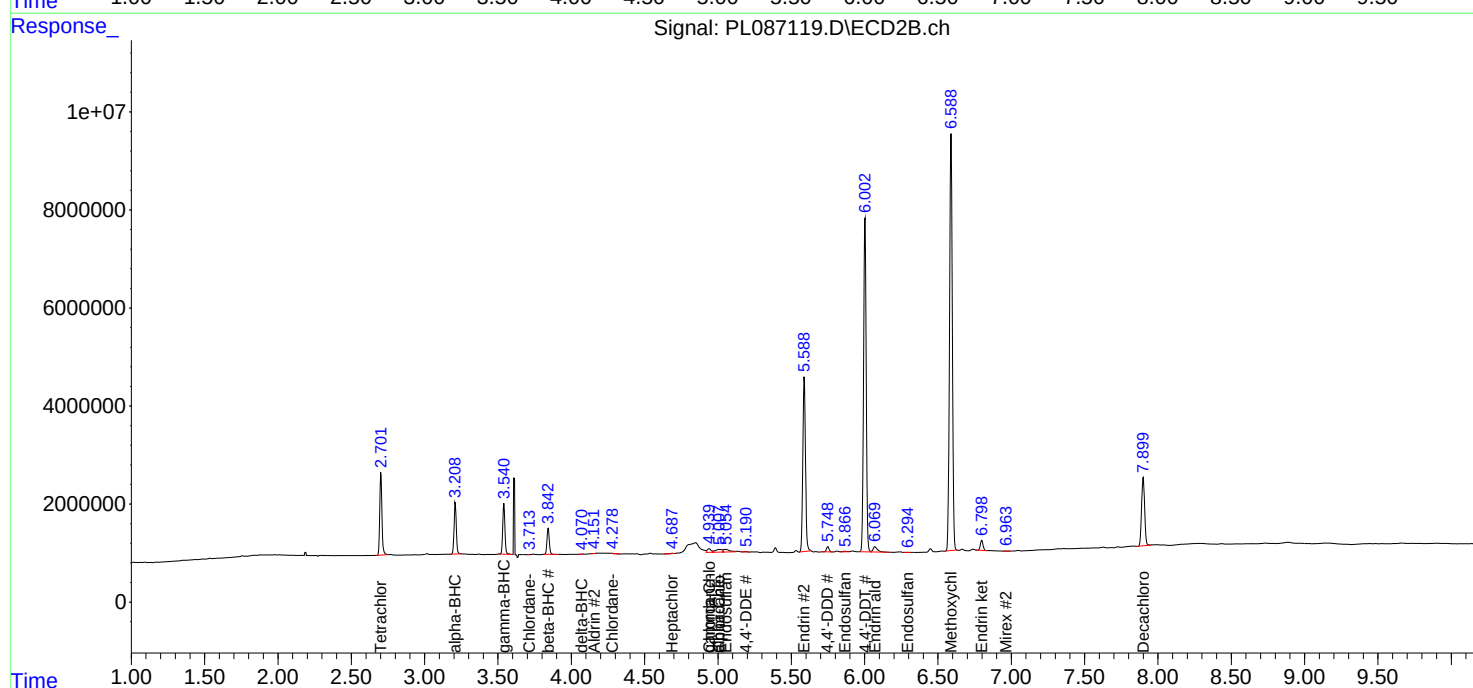
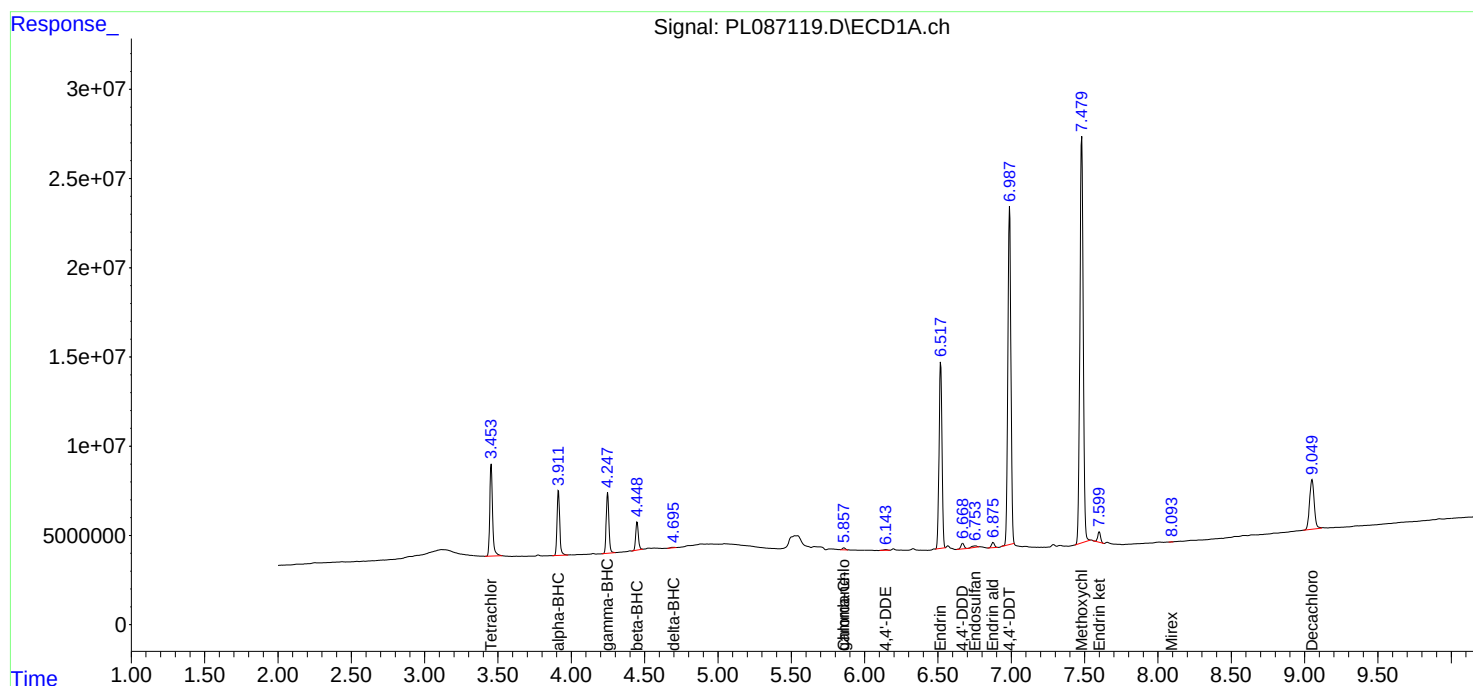
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

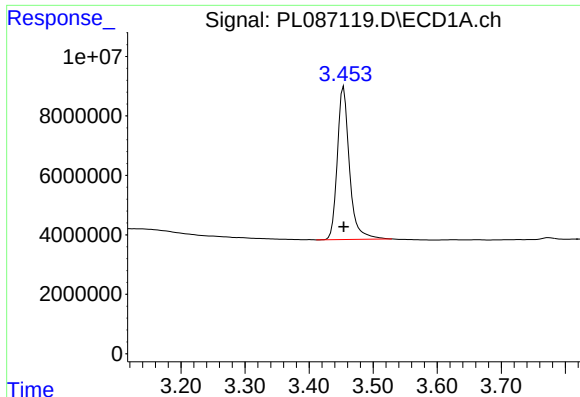
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
Data File : PL087119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 20:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 21:57:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 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

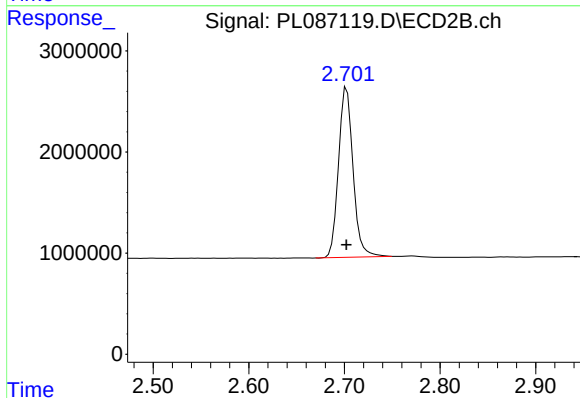




#1 Tetrachloro-m-xylene

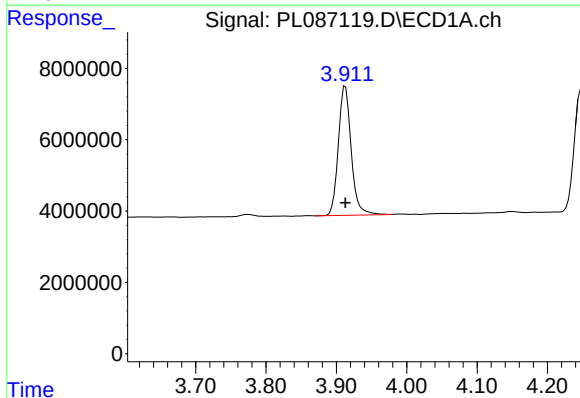
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 67629381
Conc: 18.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



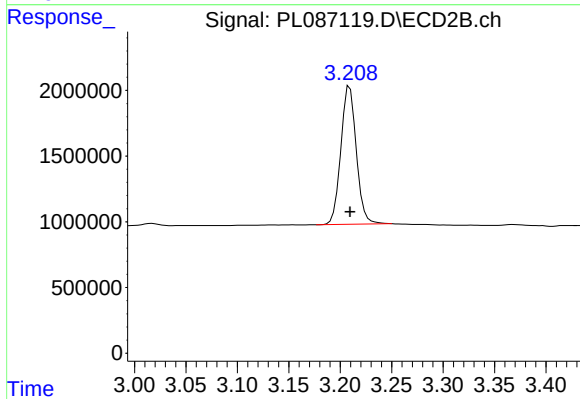
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 17781752
Conc: 18.00 ng/ml



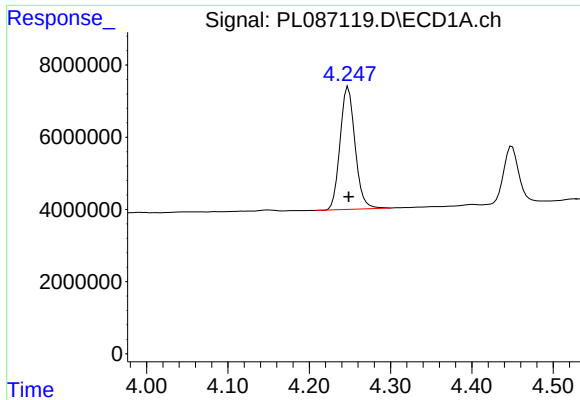
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 46020559
Conc: 8.76 ng/ml



#2 alpha-BHC

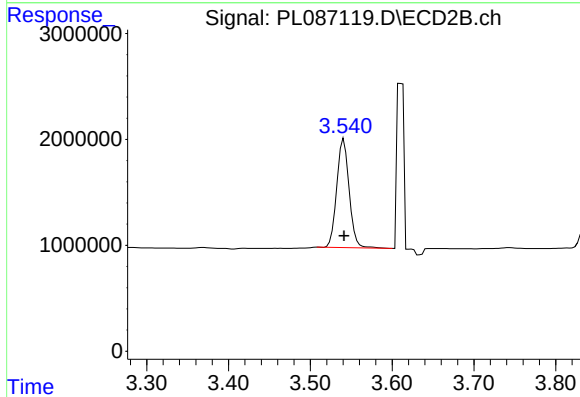
R.T.: 3.209 min
Delta R.T.: 0.000 min
Response: 10991900
Conc: 8.32 ng/ml



#3 gamma-BHC (Lindane)

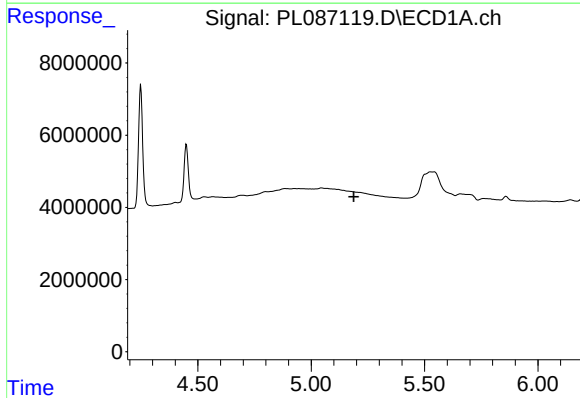
R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 43434528
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



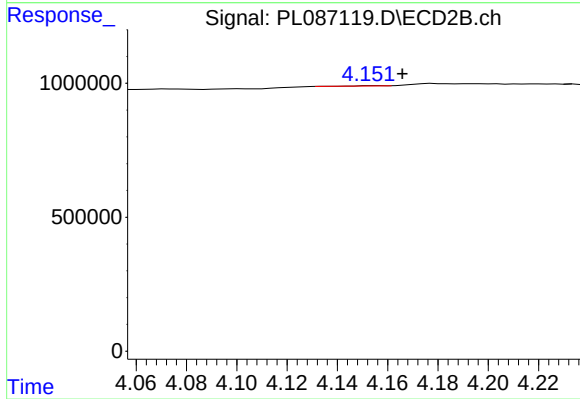
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 10817283
Conc: 8.26 ng/ml



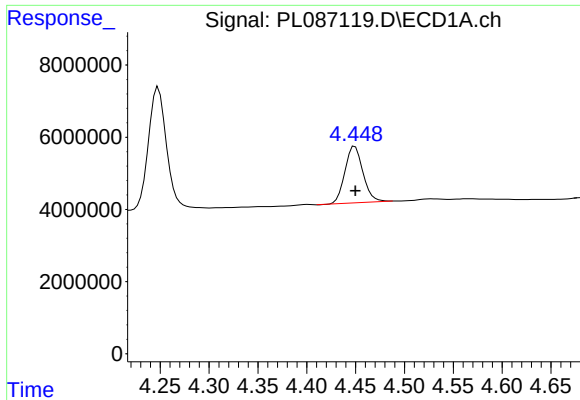
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.188 min
Response: 0
Conc: N.D.



#5 Aldrin

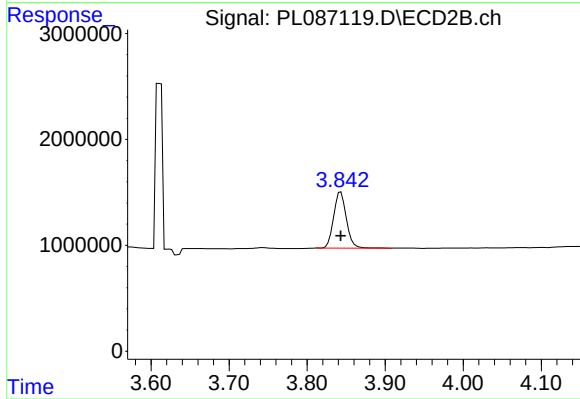
R.T.: 4.156 min
Delta R.T.: -0.010 min
Response: 8491
Conc: 0.01 ng/ml



#6 beta-BHC

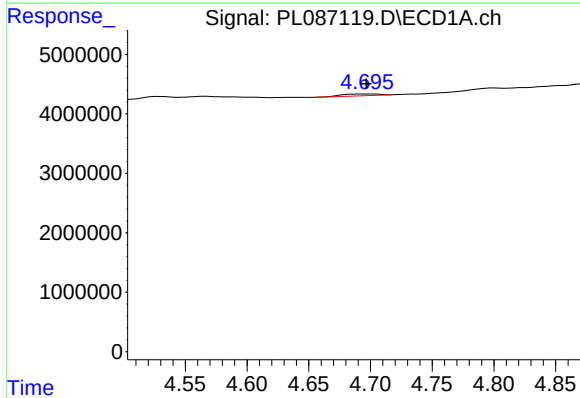
R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 20061778
Conc: 9.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



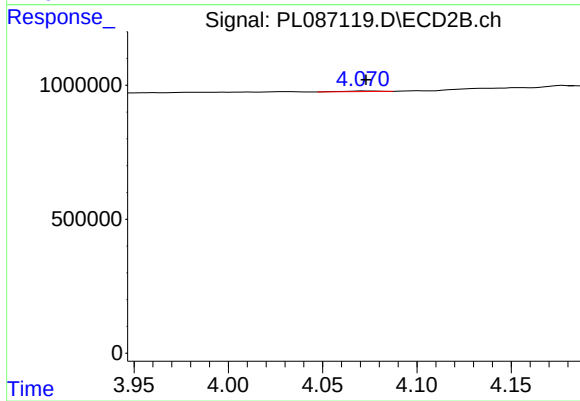
#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 6016397
Conc: 10.08 ng/ml



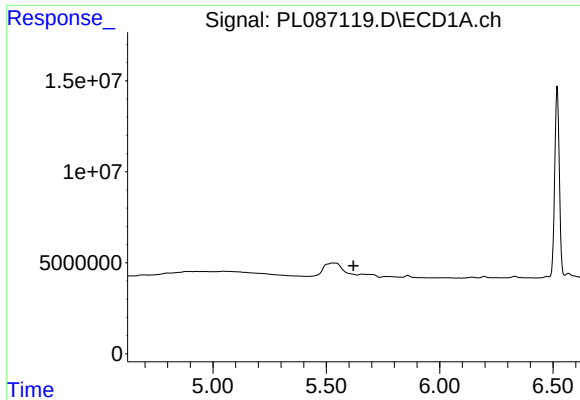
#7 delta-BHC

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 625337
Conc: 0.14 ng/ml



#7 delta-BHC

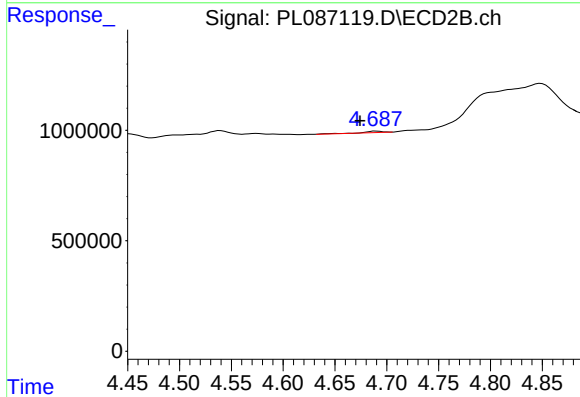
R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 29932
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

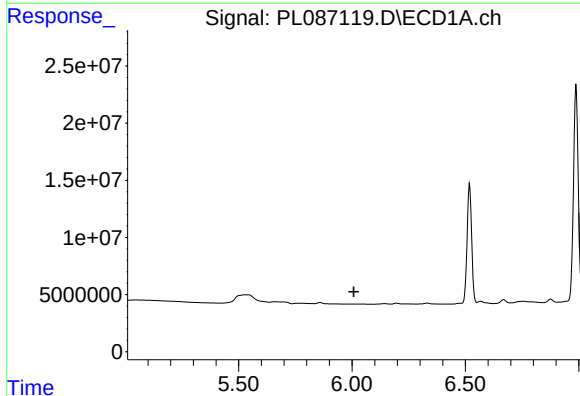
R.T.: 0.000 min
Exp R.T.: 5.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



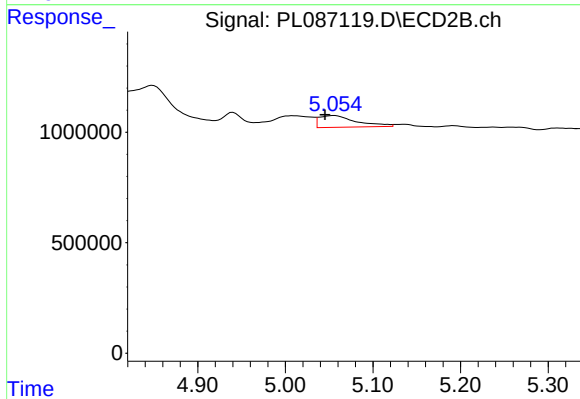
#8 Heptachlor epoxide

R.T.: 4.689 min
Delta R.T.: 0.015 min
Response: 73314
Conc: 0.06 ng/ml



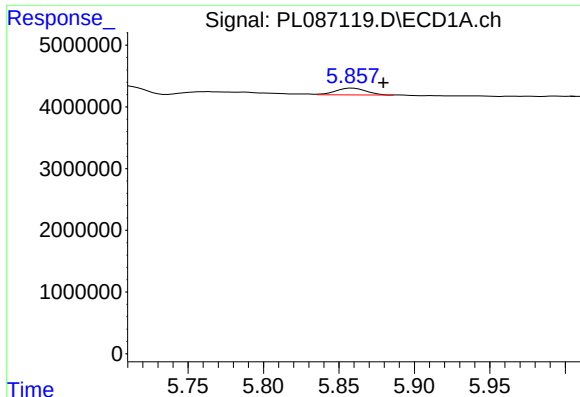
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.008 min
Response: 0
Conc: N.D.



#9 Endosulfan I

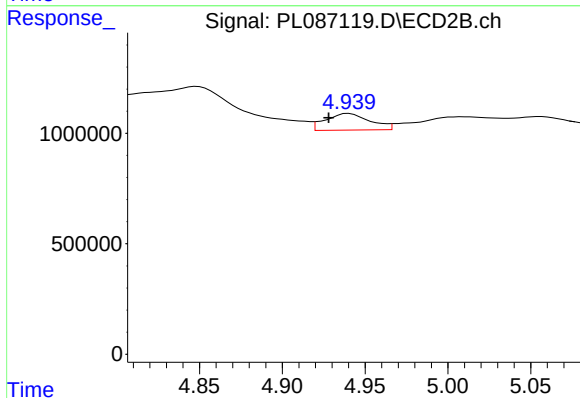
R.T.: 5.056 min
Delta R.T.: 0.010 min
Response: 1562902
Conc: 1.29 ng/ml



#10 gamma-Chlordane

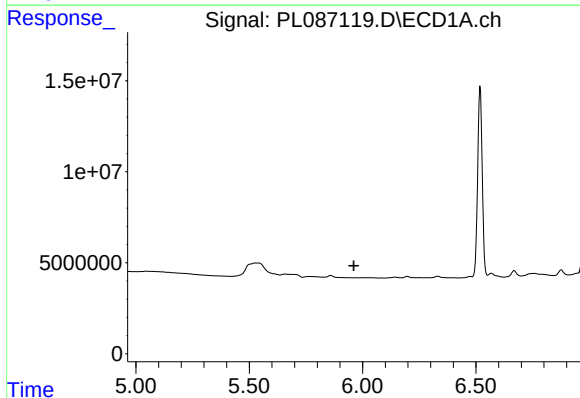
R.T.: 5.859 min
Delta R.T.: -0.021 min
Response: 1573279
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



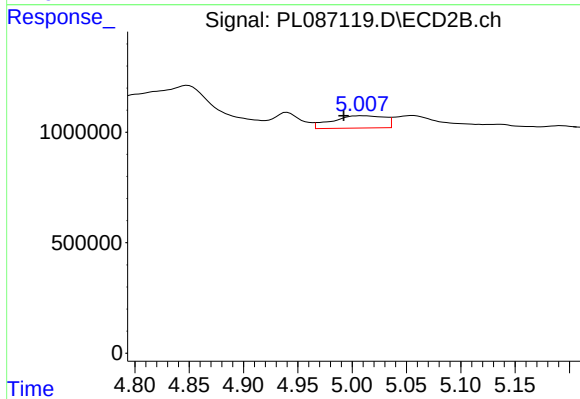
#10 gamma-Chlordane

R.T.: 4.940 min
Delta R.T.: 0.012 min
Response: 1410802
Conc: 1.15 ng/ml



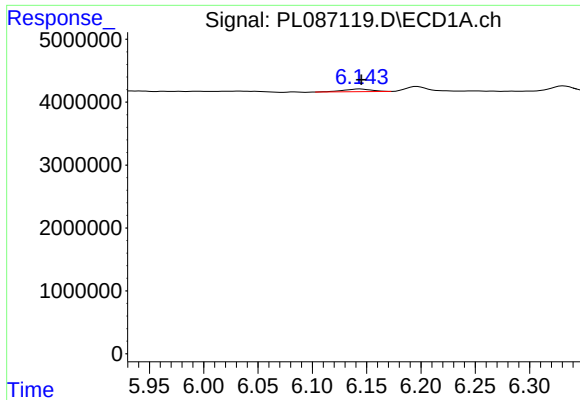
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

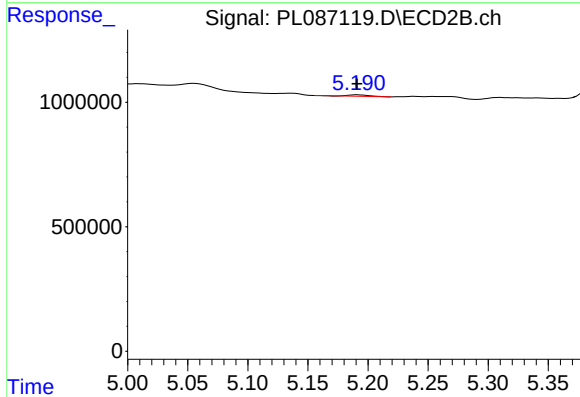
R.T.: 5.008 min
Delta R.T.: 0.016 min
Response: 1865568
Conc: 1.48 ng/ml



#12 4,4'-DDE

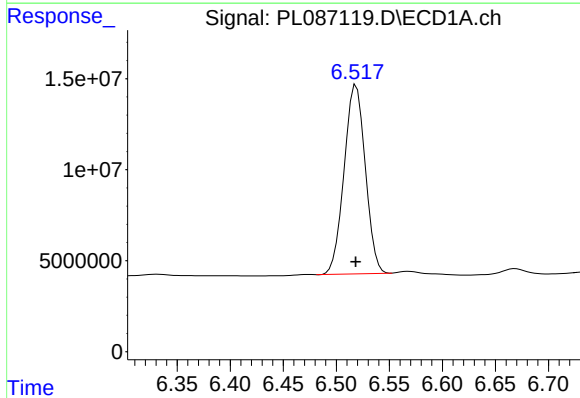
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 781836
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



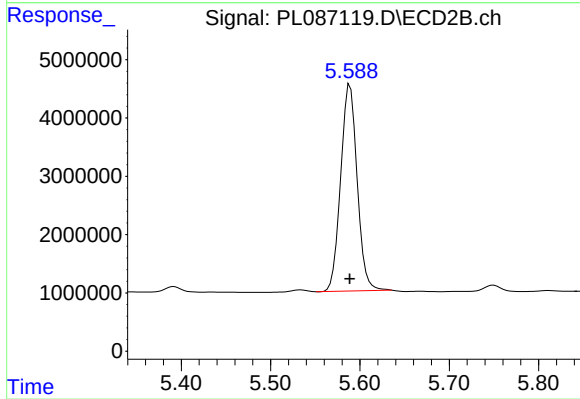
#12 4,4'-DDE

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 70674
Conc: 0.07 ng/ml



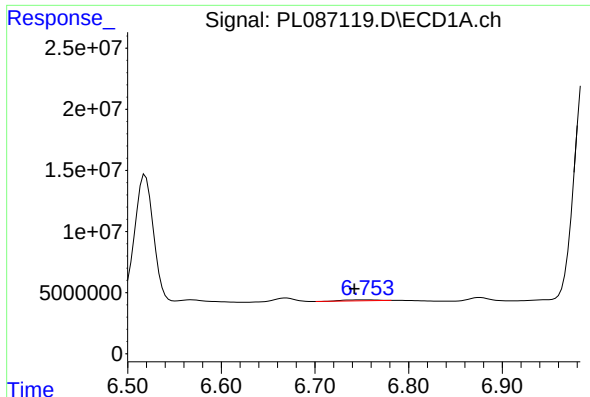
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 143916464
Conc: 43.20 ng/ml



#14 Endrin

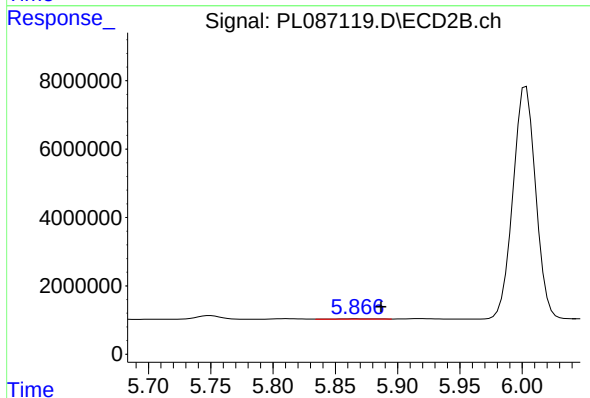
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 45464523
Conc: 44.47 ng/ml



#15 Endosulfan II

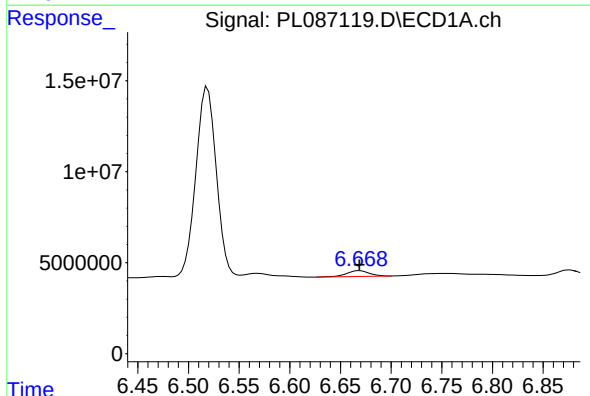
R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 2214638
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



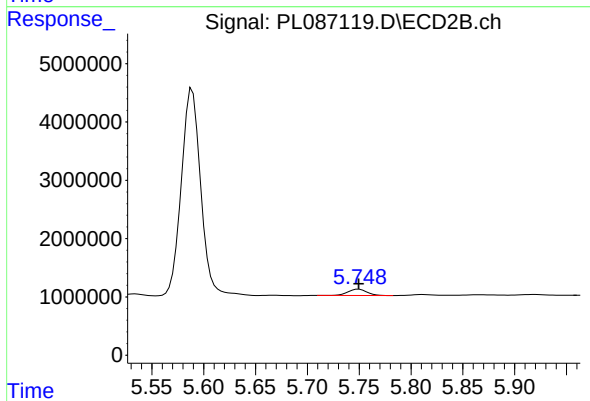
#15 Endosulfan II

R.T.: 5.867 min
Delta R.T.: -0.020 min
Response: 239163
Conc: 0.24 ng/ml



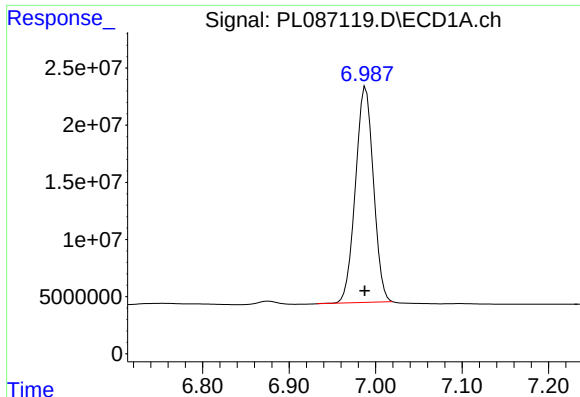
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 4854414
Conc: 1.99 ng/ml



#16 4,4'-DDD

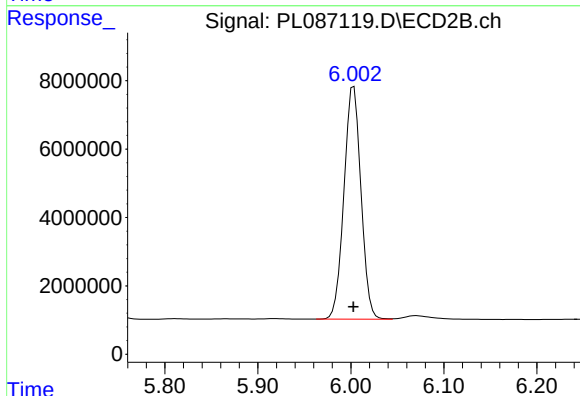
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1384277
Conc: 1.67 ng/ml



#17 4,4'-DDT

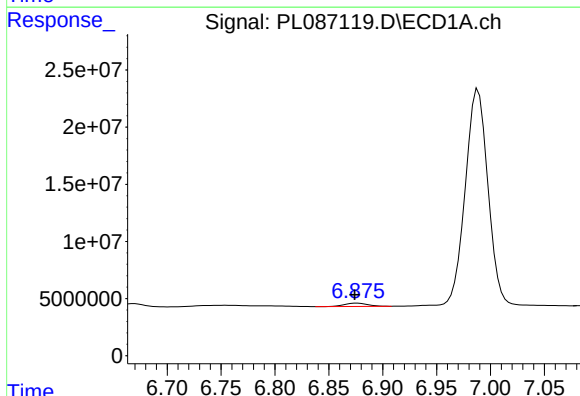
R.T.: 6.989 min
Delta R.T.: 0.001 min
Response: 272817693
Conc: 96.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



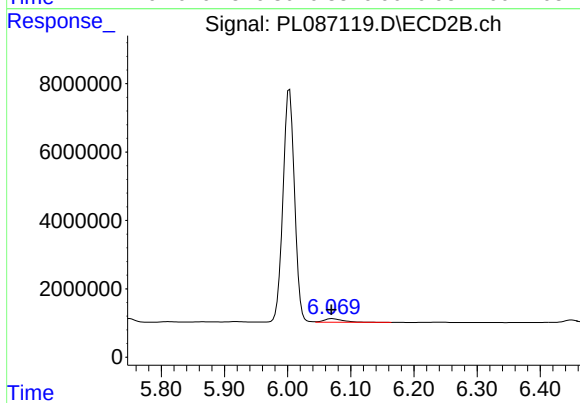
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 86509838
Conc: 98.61 ng/ml



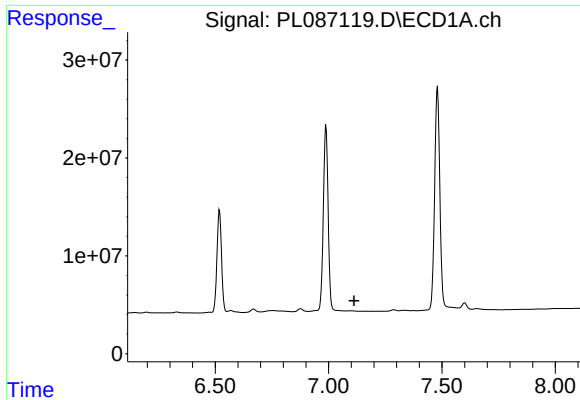
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 4111954
Conc: 1.75 ng/ml



#18 Endrin aldehyde

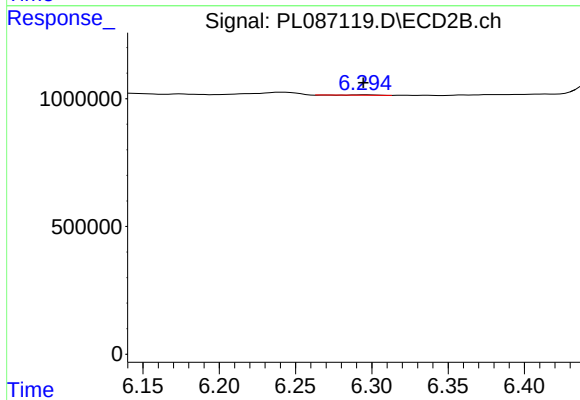
R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 2281097
Conc: 2.86 ng/ml



#19 Endosulfan Sulfate

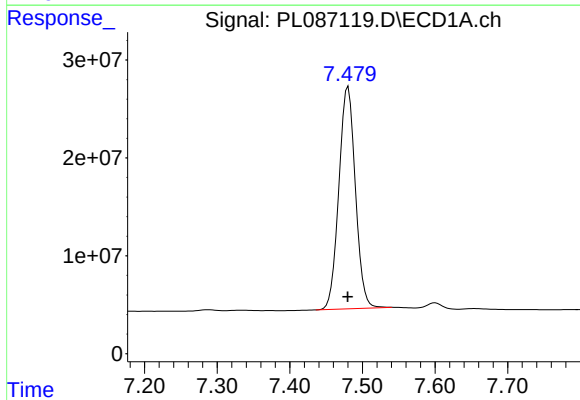
R.T.: 0.000 min
Exp R.T.: 7.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



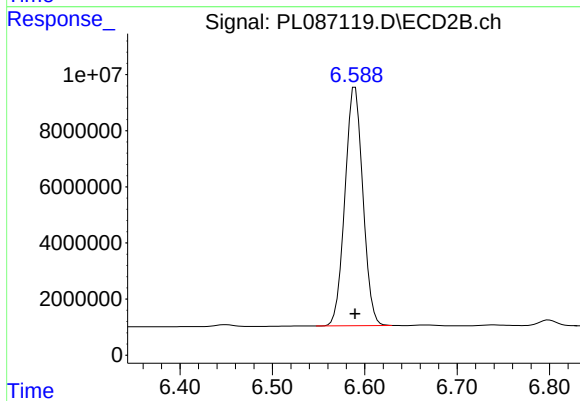
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 12720
Conc: 0.01 ng/ml



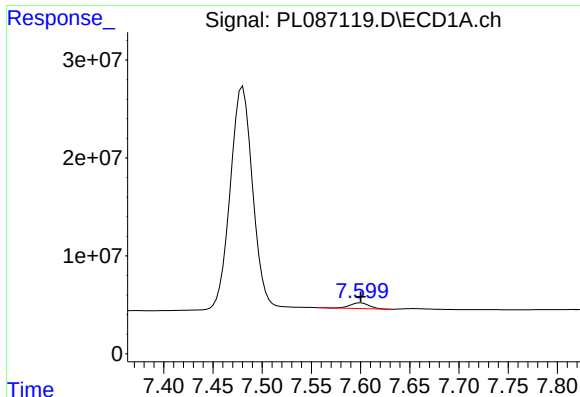
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 358954413
Conc: 245.45 ng/ml



#20 Methoxychlor

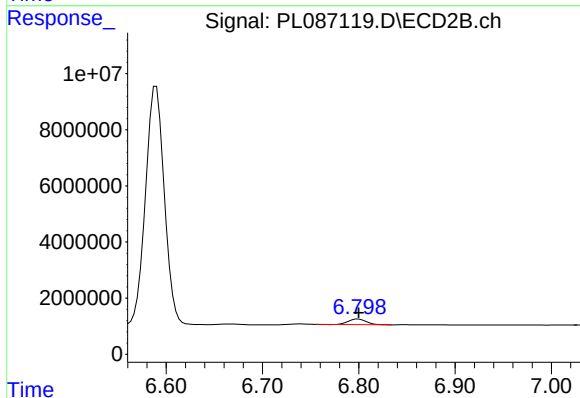
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 114588890
Conc: 210.17 ng/ml



#21 Endrin ketone

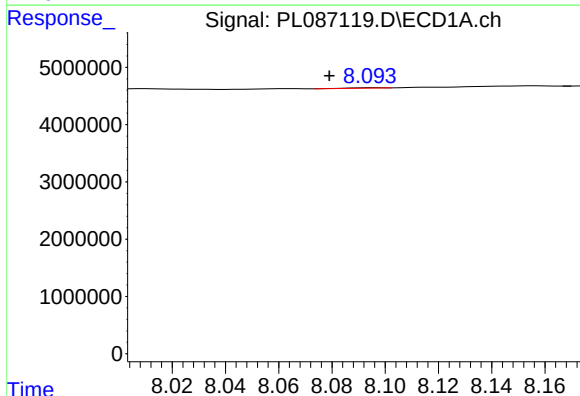
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 7868782
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



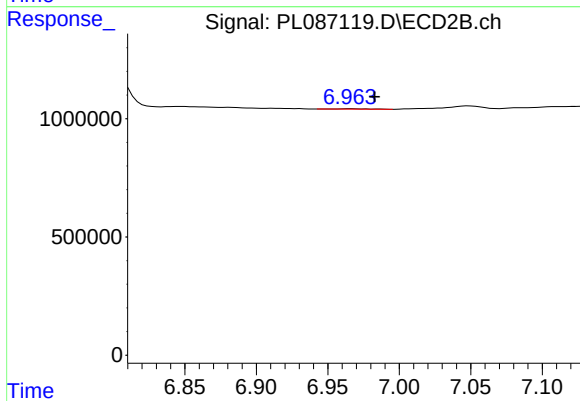
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 2561460
Conc: 2.38 ng/ml



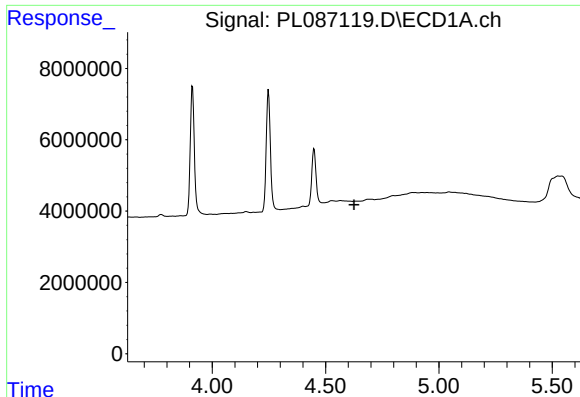
#22 Mirex

R.T.: 8.096 min
Delta R.T.: 0.017 min
Response: 44134
Conc: 0.01 ng/ml



#22 Mirex

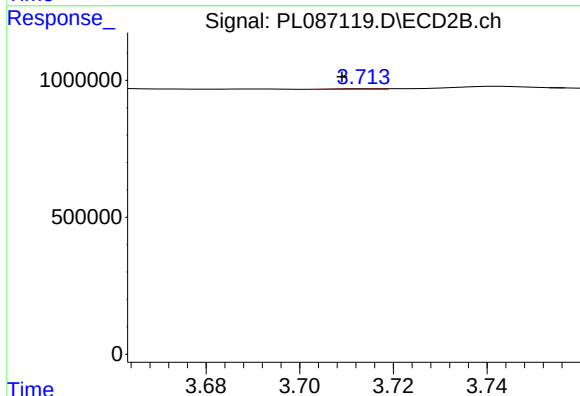
R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 32464
Conc: 0.03 ng/ml



#23 Chlordane-1

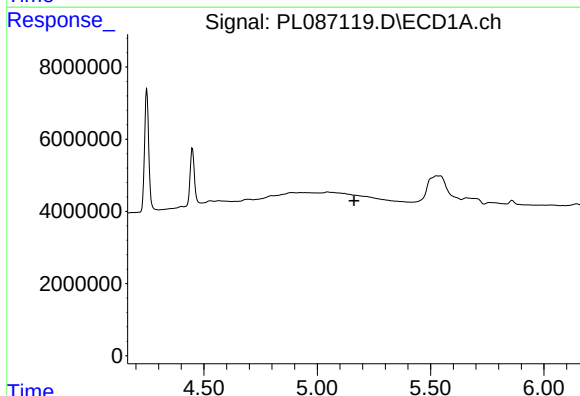
R.T.: 0.000 min
Exp R.T.: 4.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



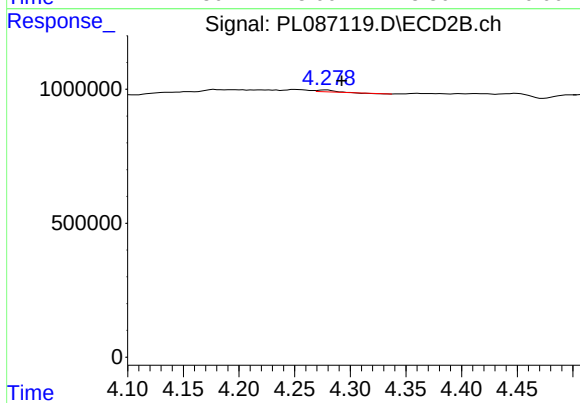
#23 Chlordane-1

R.T.: 3.715 min
Delta R.T.: 0.006 min
Response: 13961
Conc: 0.41 ng/ml



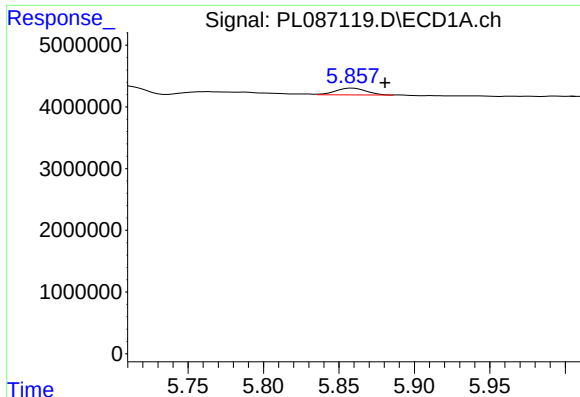
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.162 min
Response: 0
Conc: N.D.



#24 Chlordane-2

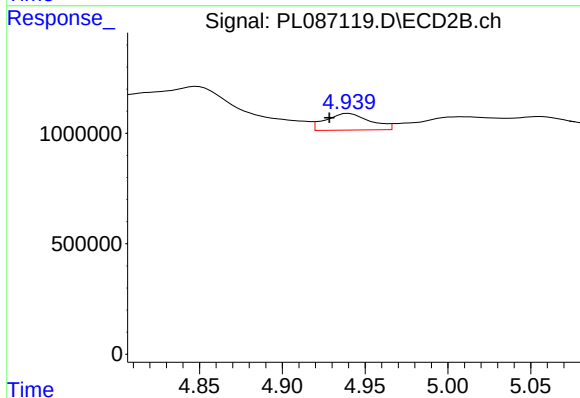
R.T.: 4.279 min
Delta R.T.: -0.013 min
Response: 67904
Conc: 1.60 ng/ml



#25 Chlordane-3

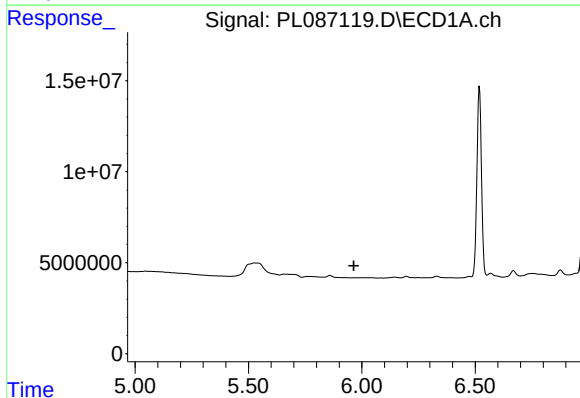
R.T.: 5.859 min
Delta R.T.: -0.022 min
Response: 1573279
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



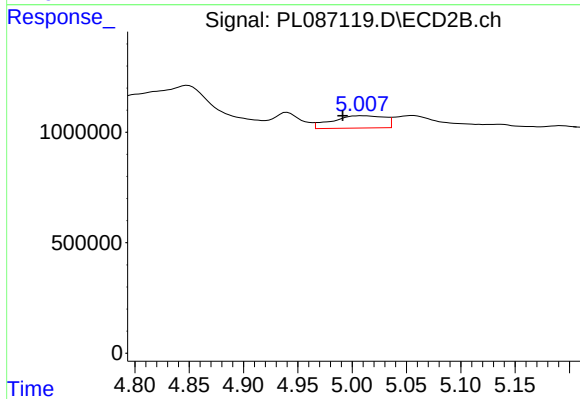
#25 Chlordane-3

R.T.: 4.940 min
Delta R.T.: 0.012 min
Response: 1410802
Conc: 11.76 ng/ml



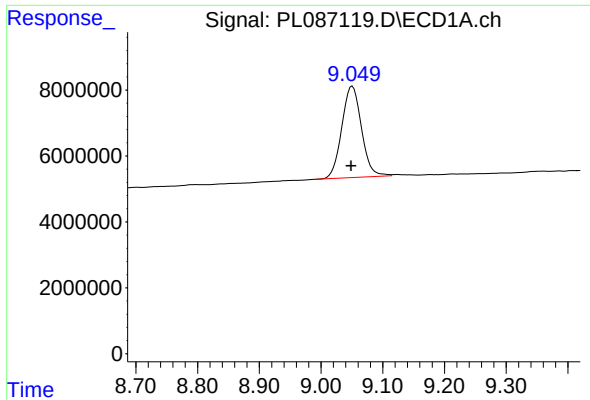
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.965 min
Response: 0
Conc: N.D.



#26 Chlordane-4

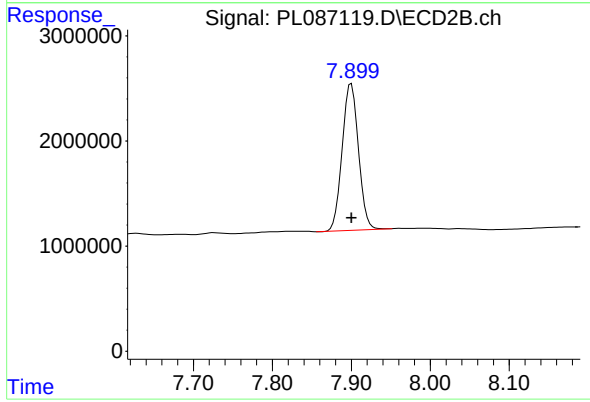
R.T.: 5.008 min
Delta R.T.: 0.017 min
Response: 1865568
Conc: 14.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 61411095
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 20066917
Conc: 19.59 ng/ml