

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062121\
 Data File : PL067649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2021 11:39
 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: Jun 21 16:31:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 02:00:12 2021
 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...	4.479	5.531	11115295	19228275	20.218	20.396
28)	SA Decachlor...	10.224	11.433	14343871	20544252	20.240	20.626
Target Compounds							
2)	A alpha-BHC	5.179	6.112	7661126	11459113	10.416	9.268
3)	MA gamma-BHC...	5.599	6.507	7047664	11139998	9.404	9.449
4)	MA Heptachlor	5.982f	0.000	4244082	0	5.627	N.D. #
6)	B beta-BHC	5.982	6.763	4244082	5583739	11.861	10.283
7)	B delta-BHC	0.000	7.003f	0	1680516	N.D.	1.430 #
12)	B 4,4'-DDE	7.471	0.000	166176	0	0.250	N.D. #
14)	MA Endrin	7.876	8.925	32107794	38343010	48.971	50.128
15)	B Endosulfa...	0.000	9.180f	0	438049	N.D.	0.549 #
16)	A 4,4'-DDD	8.053	9.070	1152113	1188654	1.982	1.671
17)	MA 4,4'-DDT	8.312	9.388	60195112	72971936	103.449	99.532
18)	B Endrin al...	8.375	9.295	764865	515527	1.511	0.807 #
20)	A Methoxychlor	8.906	9.874	78979913	88616510	222.185	227.922
21)	B Endrin ke...	9.115	10.029	1781605	1412757	2.340	1.559 #
24)	Chlordane-2	6.488	0.000	243516	0	9.094	N.D. #

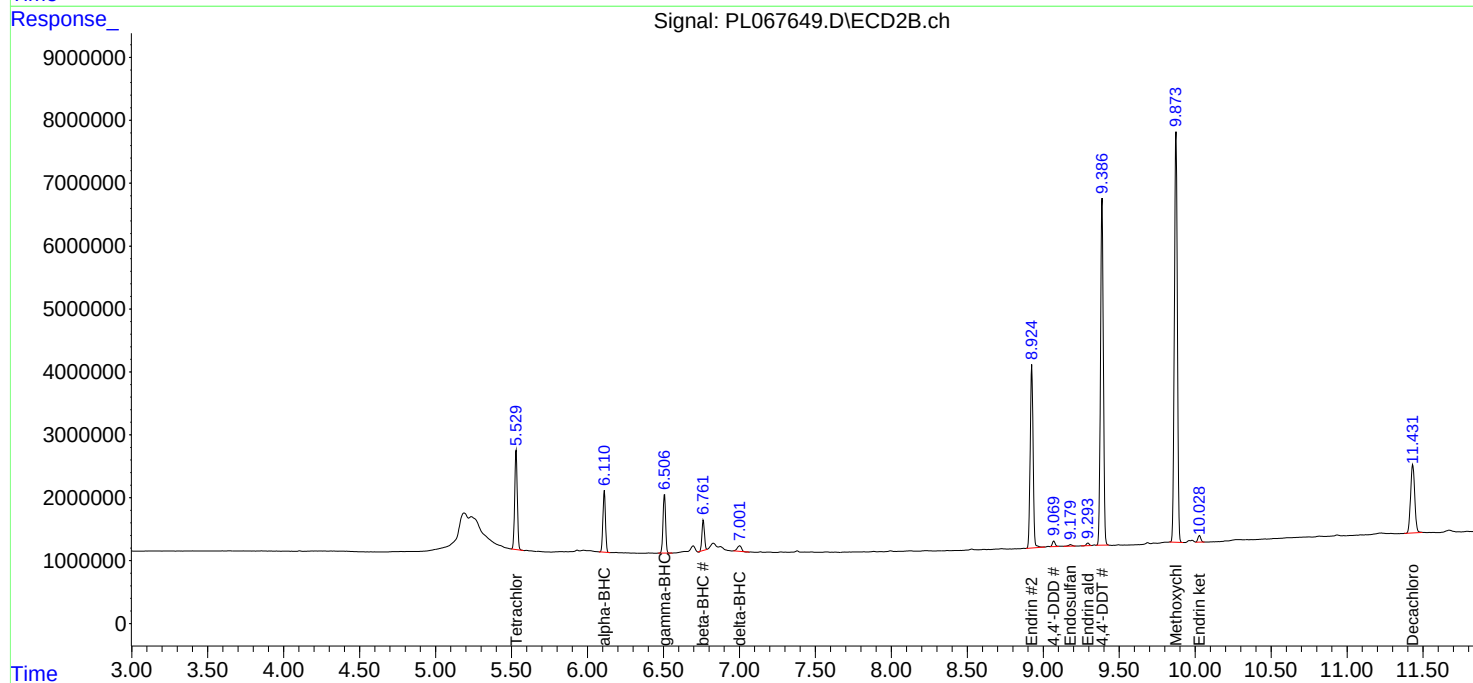
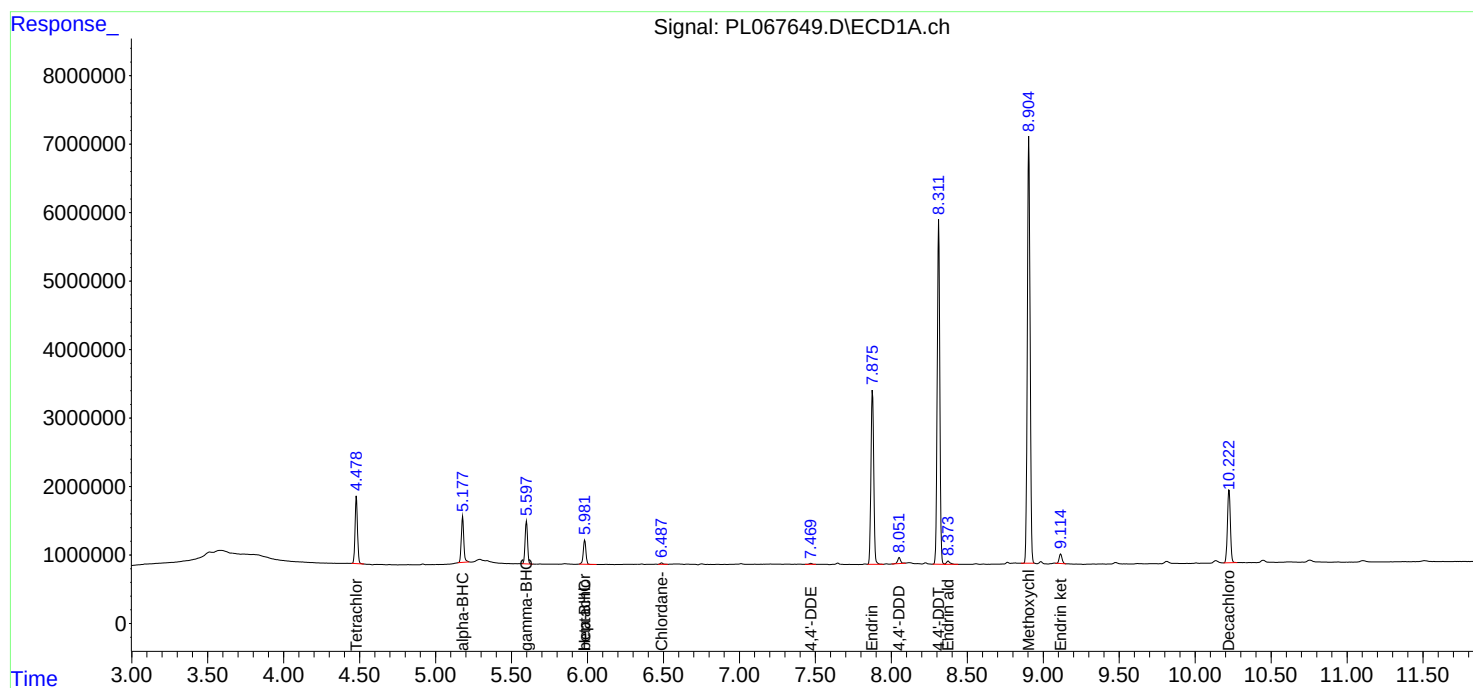
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

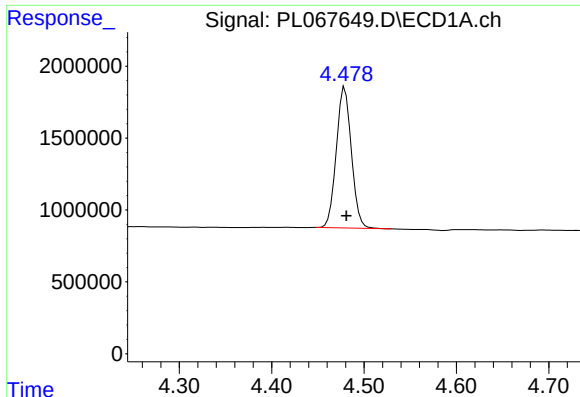
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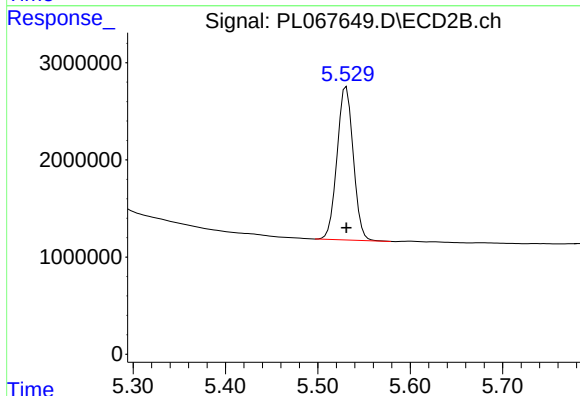




#1 Tetrachloro-m-xylene

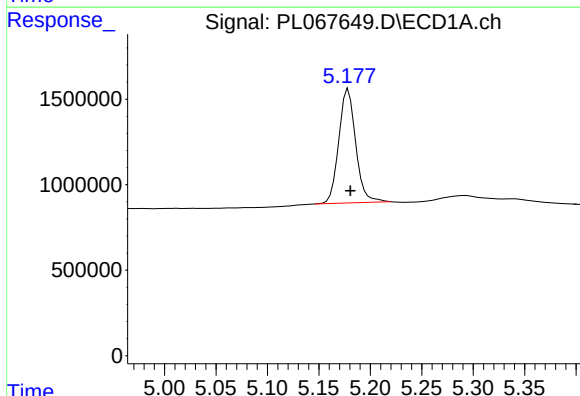
R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 11115295
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



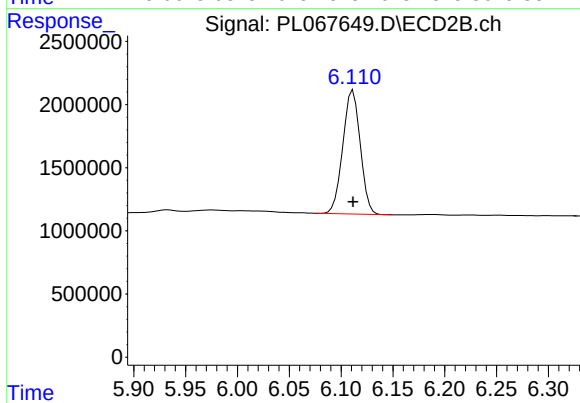
#1 Tetrachloro-m-xylene

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 19228275
Conc: 20.40 ng/ml



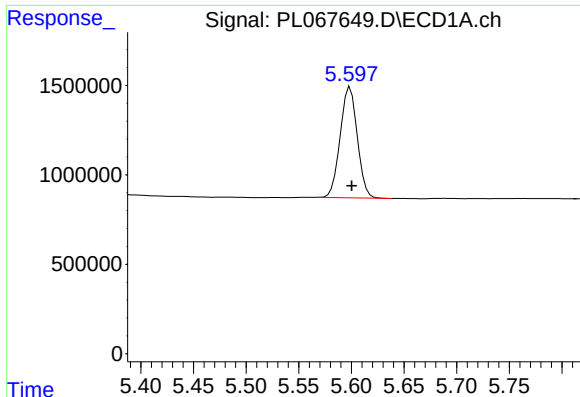
#2 alpha-BHC

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 7661126
Conc: 10.42 ng/ml



#2 alpha-BHC

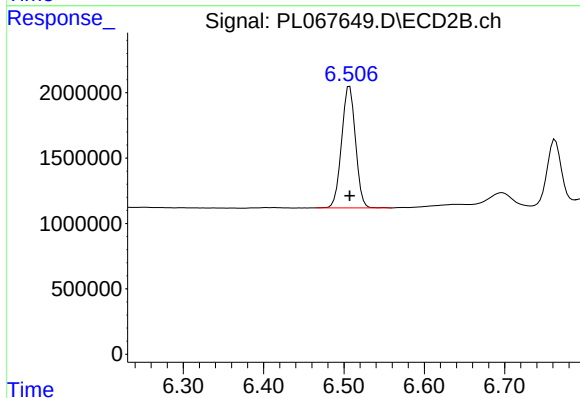
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 11459113
Conc: 9.27 ng/ml



#3 gamma-BHC (Lindane)

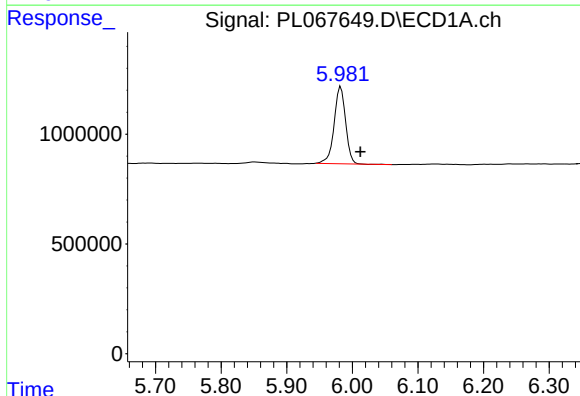
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 7047664
Conc: 9.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



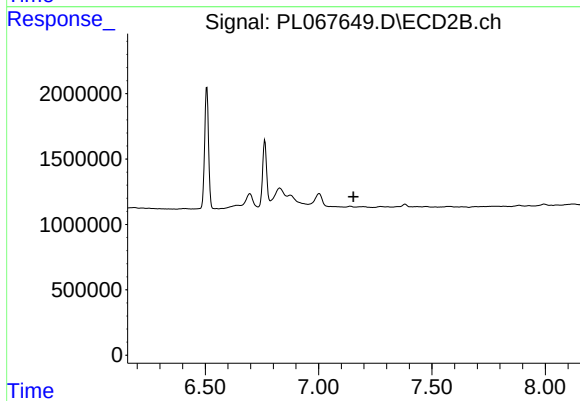
#3 gamma-BHC (Lindane)

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 11139998
Conc: 9.45 ng/ml



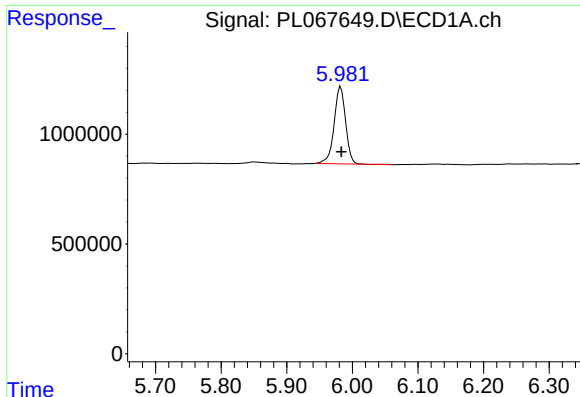
#4 Heptachlor

R.T.: 5.982 min
Delta R.T.: -0.030 min
Response: 4244082
Conc: 5.63 ng/ml



#4 Heptachlor

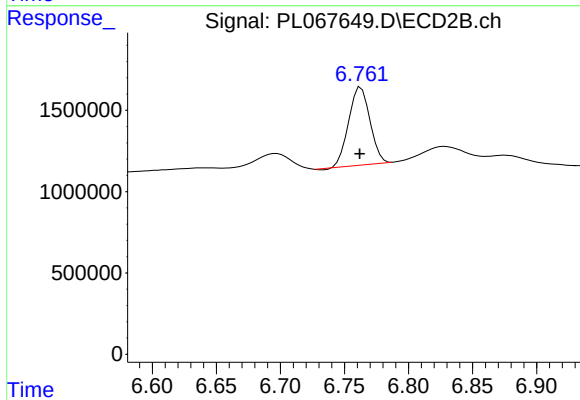
R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.



#6 beta-BHC

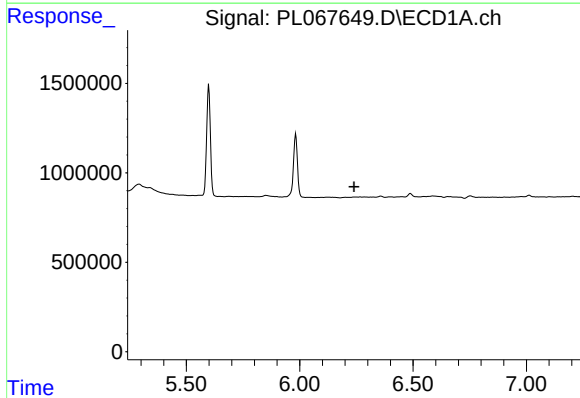
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 4244082
Conc: 11.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



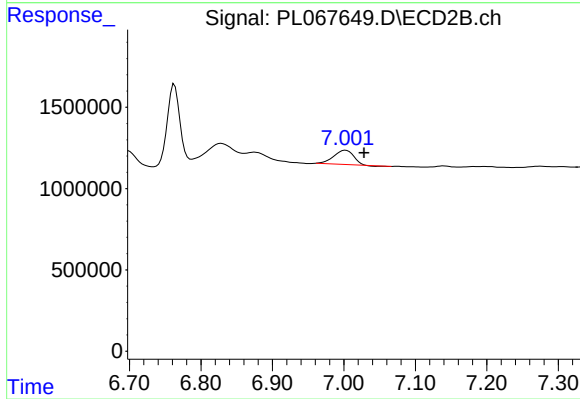
#6 beta-BHC

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 5583739
Conc: 10.28 ng/ml



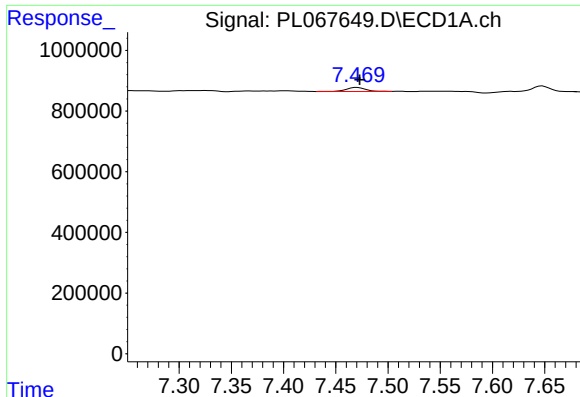
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



#7 delta-BHC

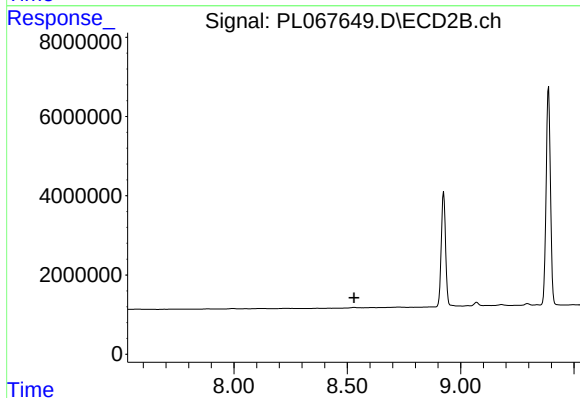
R.T.: 7.003 min
Delta R.T.: -0.025 min
Response: 1680516
Conc: 1.43 ng/ml



#12 4,4'-DDE

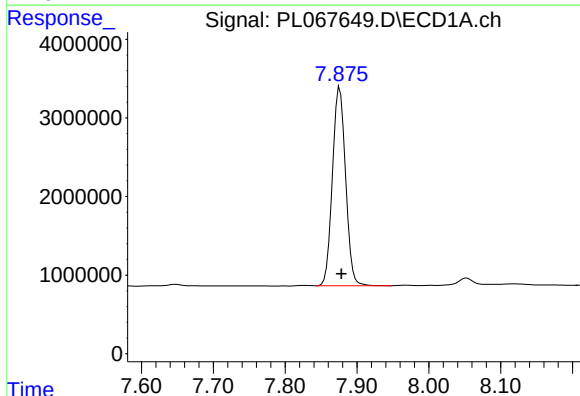
R.T.: 7.471 min
Delta R.T.: -0.002 min
Response: 166176
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



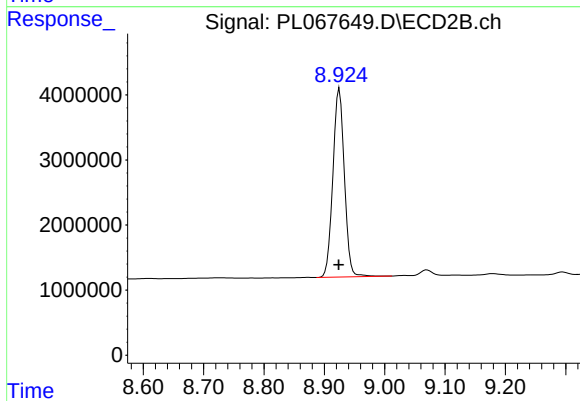
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 8.530 min
Response: 0
Conc: N.D.



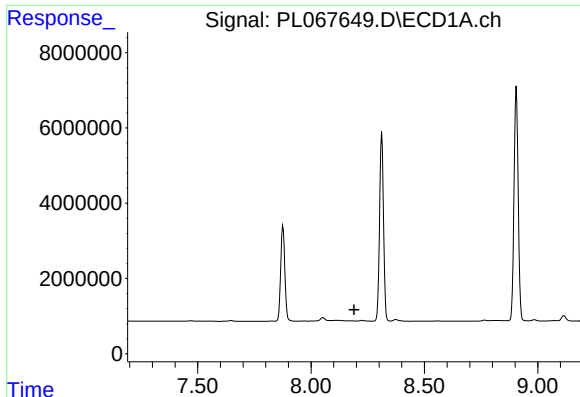
#14 Endrin

R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 32107794
Conc: 48.97 ng/ml



#14 Endrin

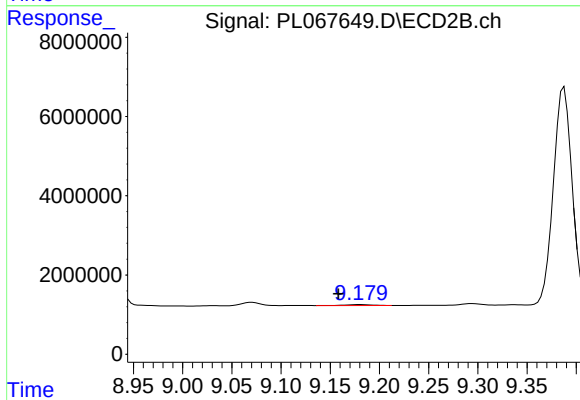
R.T.: 8.925 min
Delta R.T.: 0.001 min
Response: 38343010
Conc: 50.13 ng/ml



#15 Endosulfan II

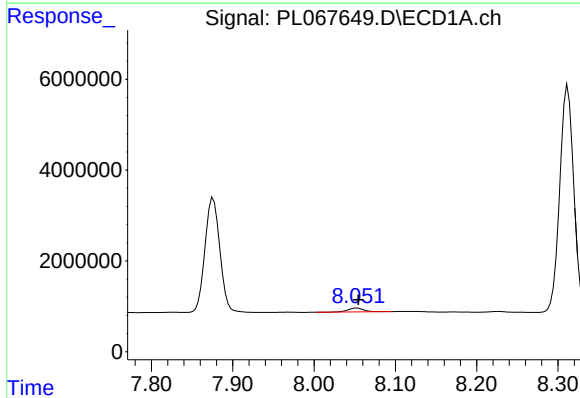
R.T.: 0.000 min
Exp R.T.: 8.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



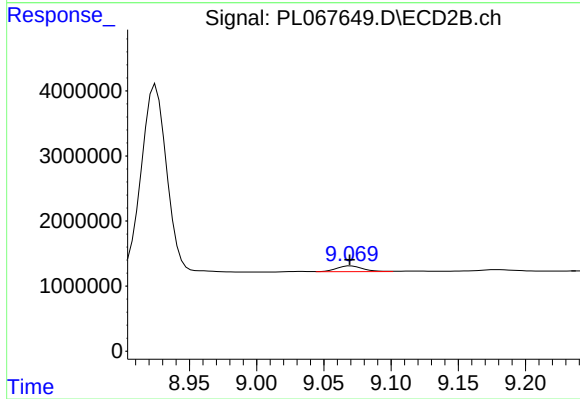
#15 Endosulfan II

R.T.: 9.180 min
Delta R.T.: 0.022 min
Response: 438049
Conc: 0.55 ng/ml



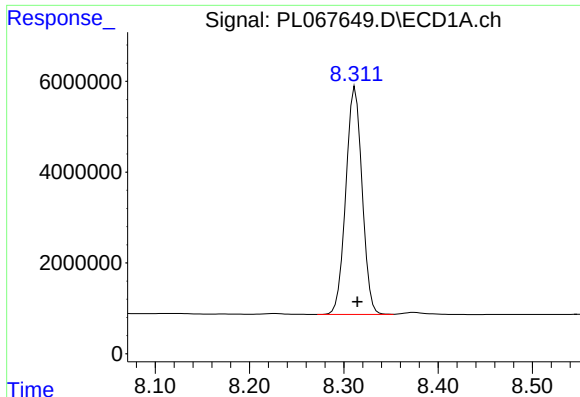
#16 4,4'-DDD

R.T.: 8.053 min
Delta R.T.: -0.002 min
Response: 1152113
Conc: 1.98 ng/ml



#16 4,4'-DDD

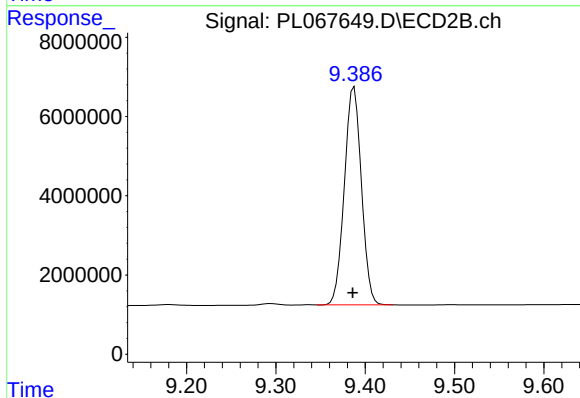
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 1188654
Conc: 1.67 ng/ml



#17 4,4'-DDT

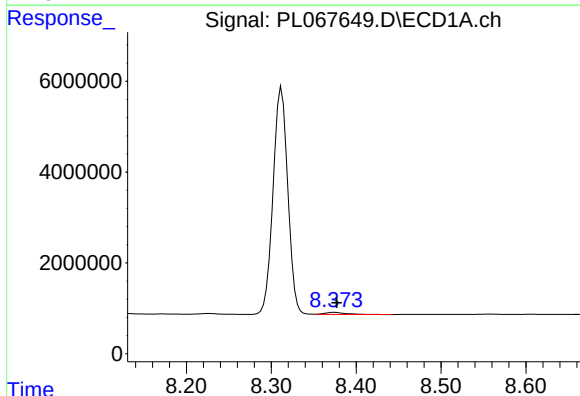
R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 60195112
Conc: 103.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



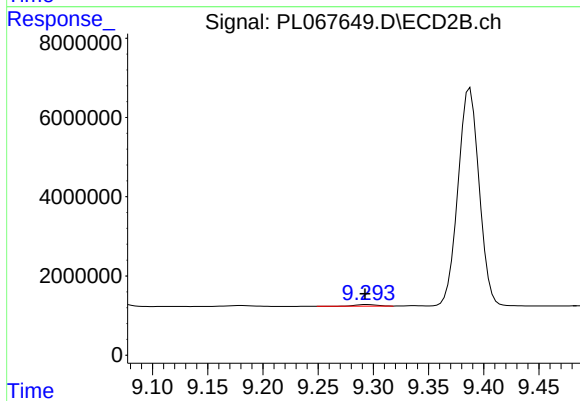
#17 4,4'-DDT

R.T.: 9.388 min
Delta R.T.: 0.002 min
Response: 72971936
Conc: 99.53 ng/ml



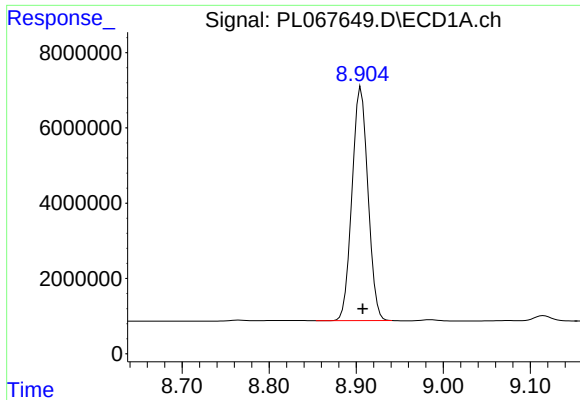
#18 Endrin aldehyde

R.T.: 8.375 min
Delta R.T.: -0.002 min
Response: 764865
Conc: 1.51 ng/ml



#18 Endrin aldehyde

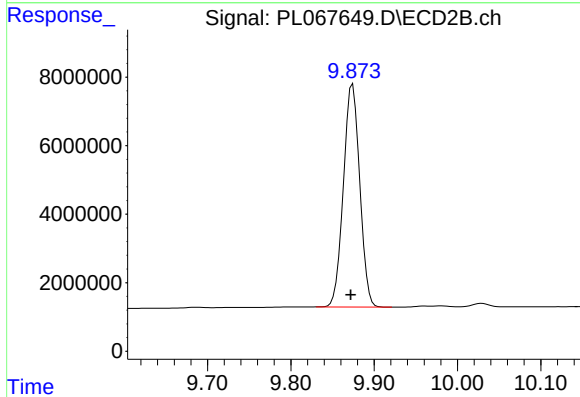
R.T.: 9.295 min
Delta R.T.: 0.002 min
Response: 515527
Conc: 0.81 ng/ml



#20 Methoxychlor

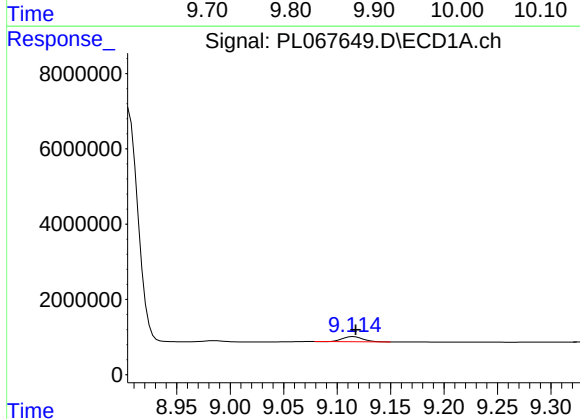
R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 78979913
Conc: 222.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



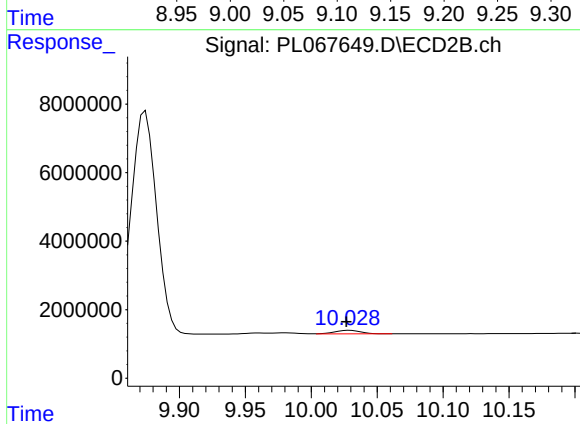
#20 Methoxychlor

R.T.: 9.874 min
Delta R.T.: 0.002 min
Response: 88616510
Conc: 227.92 ng/ml



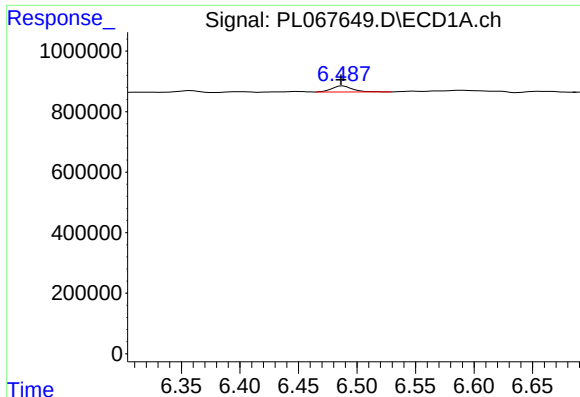
#21 Endrin ketone

R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 1781605
Conc: 2.34 ng/ml



#21 Endrin ketone

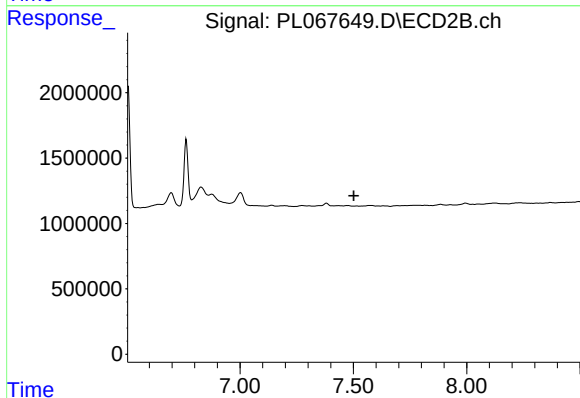
R.T.: 10.029 min
Delta R.T.: 0.002 min
Response: 1412757
Conc: 1.56 ng/ml



#24 Chlordane-2

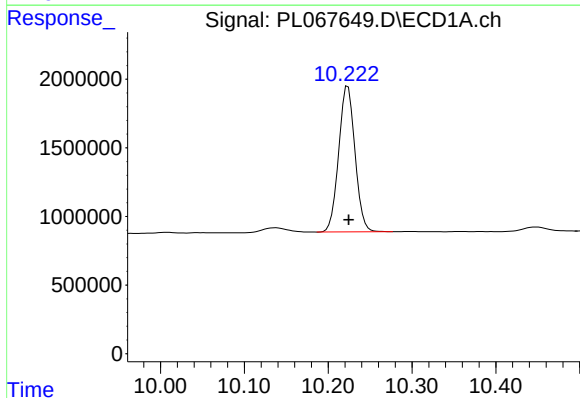
R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 243516
Conc: 9.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



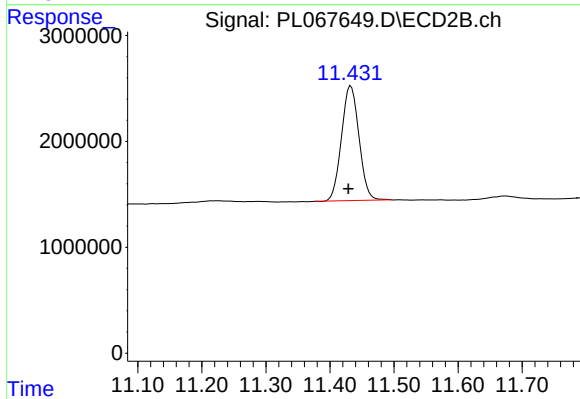
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 7.503 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: 0.000 min
Response: 14343871
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.433 min
Delta R.T.: 0.004 min
Response: 20544252
Conc: 20.63 ng/ml