

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062921\
 Data File : PL067877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2021 16:30
 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 30 02:58:50 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...	4.480	5.526	10828279	20283308	19.695	21.515
2)	SA Decachlor...	10.219	11.423	14010327	20514594	19.769	20.596
Target Compounds							
2)	A alpha-BHC	5.179	6.106	10015507	12208660	13.617	9.874 #
3)	MA gamma-BHC...	5.598	6.502	6893537	11677985	9.198	9.905
4)	MA Heptachlor	5.982f	0.000	4208707	0	5.580	N.D. #
6)	B beta-BHC	5.982	6.758	4208707	3597311	11.763	6.625 #
10)	B gamma-Chl...	7.202f	0.000	301540	0	0.416	N.D. #
12)	B 4,4'-DDE	7.467	0.000	212274	0	0.319	N.D. #
14)	MA Endrin	7.874	8.918	31073982	39098150	47.394	51.115
15)	B Endosulfa...	0.000	9.173	0	888514	N.D.	1.114 #
16)	A 4,4'-DDD	8.050	9.064	2755580	3138565	4.741	4.413
17)	MA 4,4'-DDT	8.309	9.381	55833289	72299324	95.953	98.615
18)	B Endrin al...	8.372	9.288	719399	479189	1.421	0.750 #
20)	A Methoxychlor	8.903	9.868	74502650	91747157	209.589	235.974
21)	B Endrin ke...	9.112	10.021	2094291	2280036	2.751	2.516
23)	Chlordane-1	0.000	6.931f	0	3376535	N.D.	119.574 #
24)	Chlordane-2	6.487	0.000	245678	0	9.175	N.D. #
25)	Chlordane-3	7.202f	0.000	301540	0	4.488	N.D. #

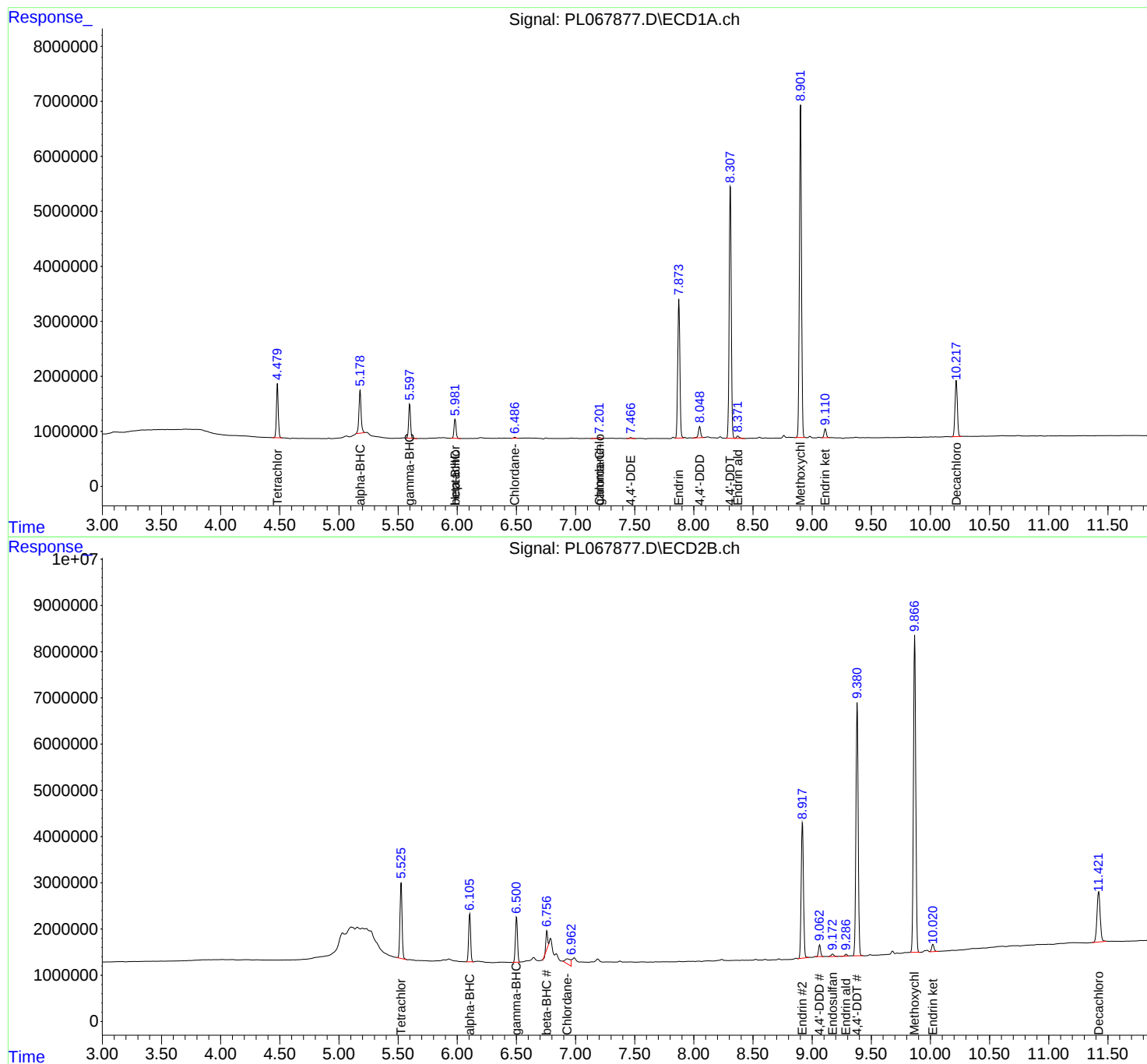
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

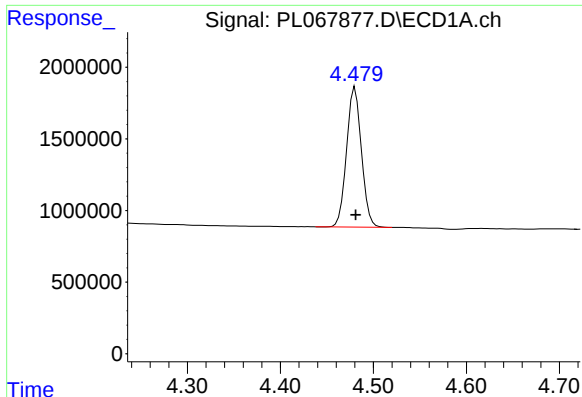
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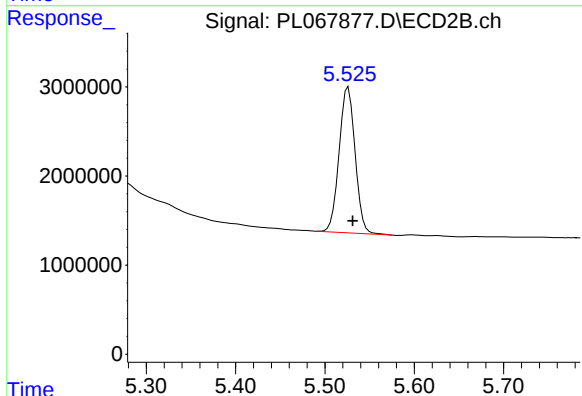




#1 Tetrachloro-m-xylene

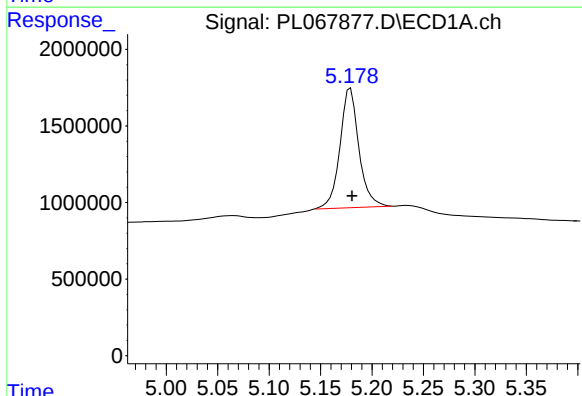
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 10828279
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



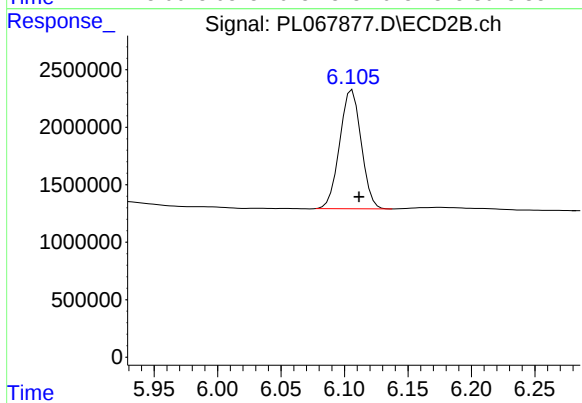
#1 Tetrachloro-m-xylene

R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 20283308
Conc: 21.52 ng/ml



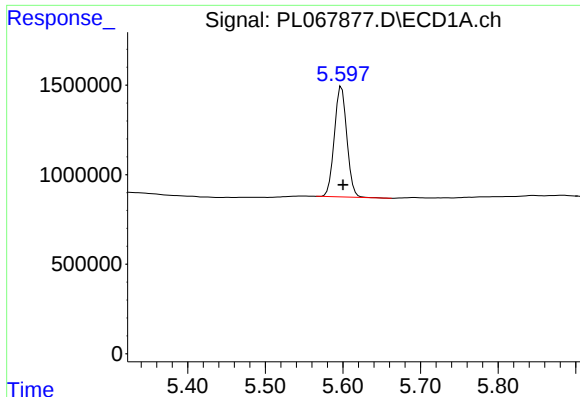
#2 alpha-BHC

R.T.: 5.179 min
Delta R.T.: -0.001 min
Response: 10015507
Conc: 13.62 ng/ml



#2 alpha-BHC

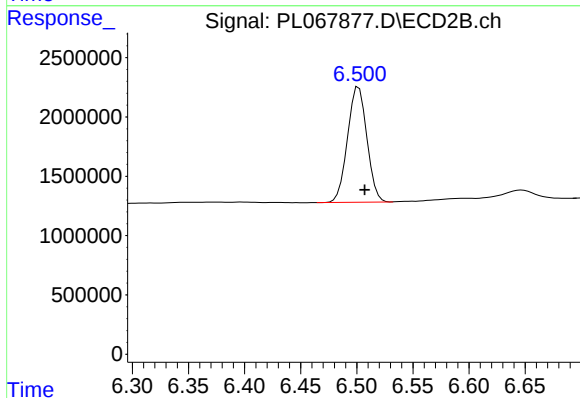
R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 12208660
Conc: 9.87 ng/ml



#3 gamma-BHC (Lindane)

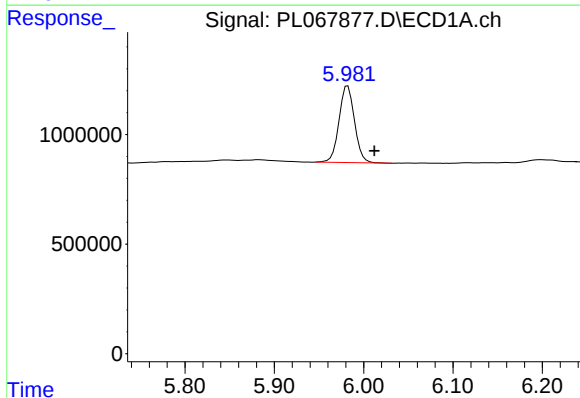
R.T.: 5.598 min
Delta R.T.: -0.002 min
Response: 6893537
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



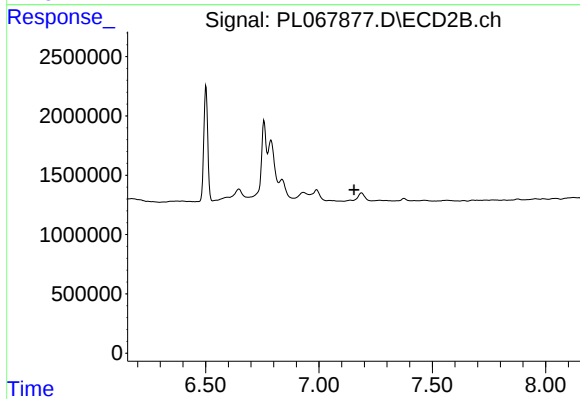
#3 gamma-BHC (Lindane)

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 11677985
Conc: 9.91 ng/ml



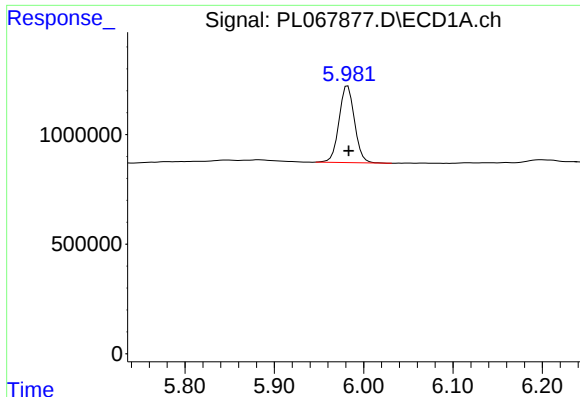
#4 Heptachlor

R.T.: 5.982 min
Delta R.T.: -0.030 min
Response: 4208707
Conc: 5.58 ng/ml



#4 Heptachlor

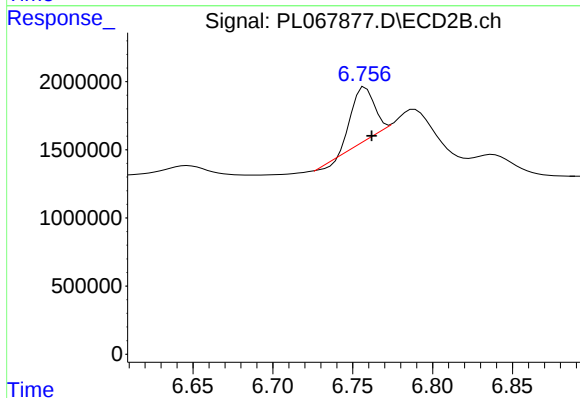
R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.



#6 beta-BHC

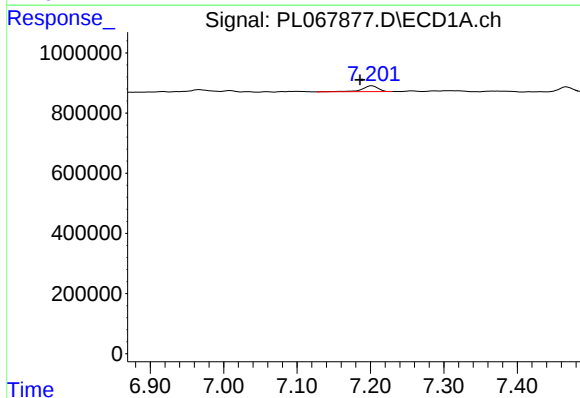
R.T.: 5.982 min
Delta R.T.: -0.001 min
Response: 4208707
Conc: 11.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



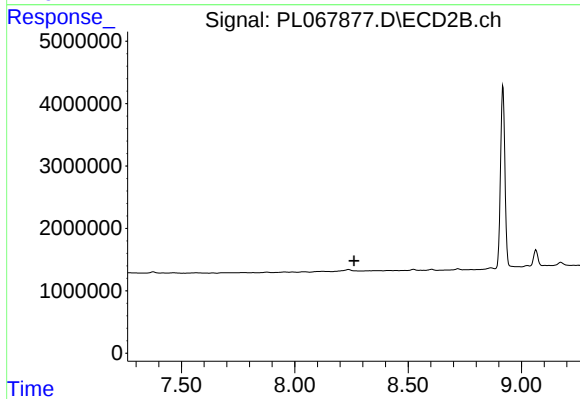
#6 beta-BHC

R.T.: 6.758 min
Delta R.T.: -0.004 min
Response: 3597311
Conc: 6.62 ng/ml



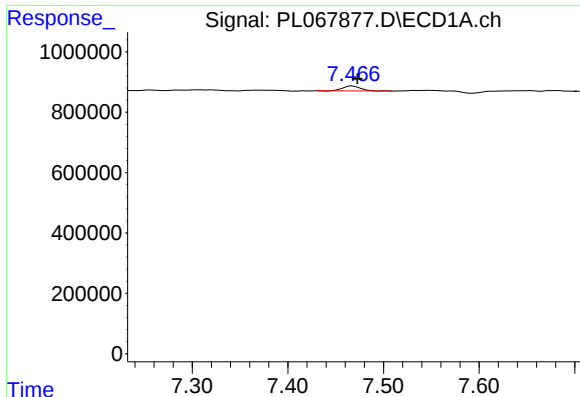
#10 gamma-Chlordane

R.T.: 7.202 min
Delta R.T.: 0.016 min
Response: 301540
Conc: 0.42 ng/ml



#10 gamma-Chlordane

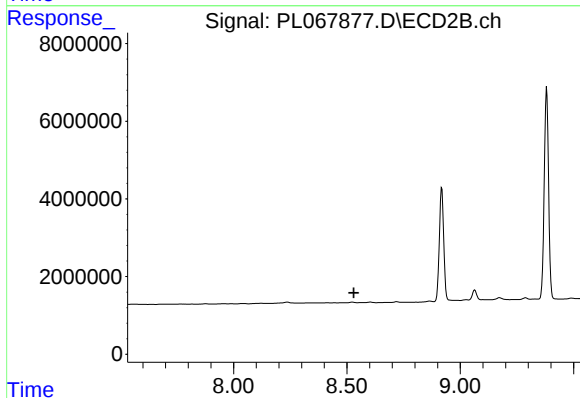
R.T.: 0.000 min
Exp R.T.: 8.261 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

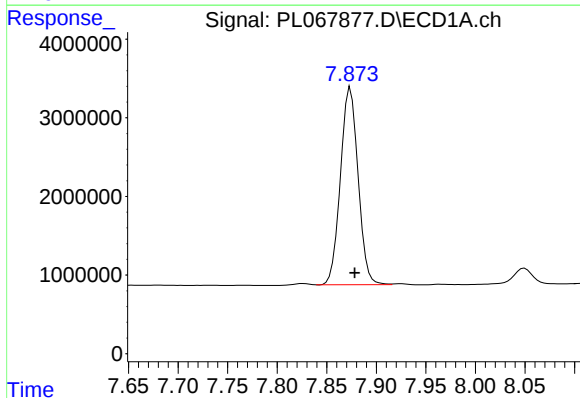
R.T.: 7.467 min
Delta R.T.: -0.006 min
Response: 212274
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



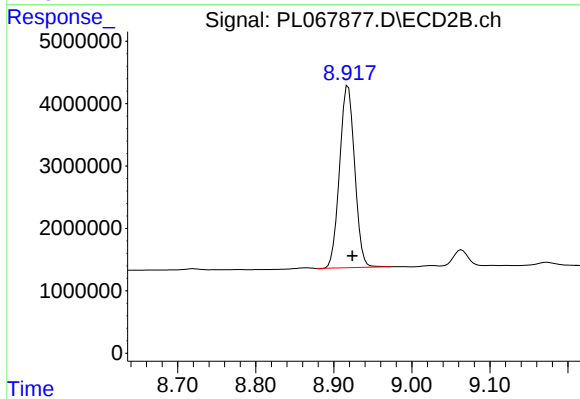
#12 4,4'-DDE

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



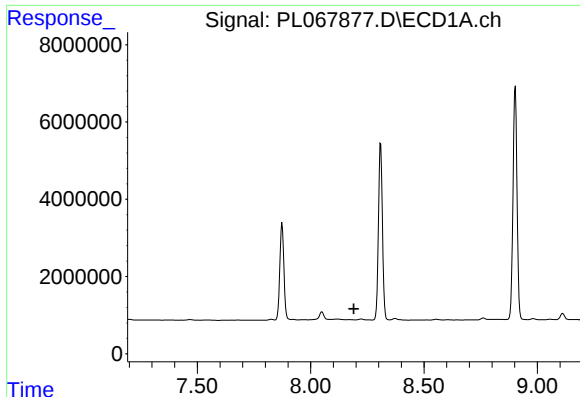
#14 Endrin

R.T.: 7.874 min
Delta R.T.: -0.005 min
Response: 31073982
Conc: 47.39 ng/ml



#14 Endrin

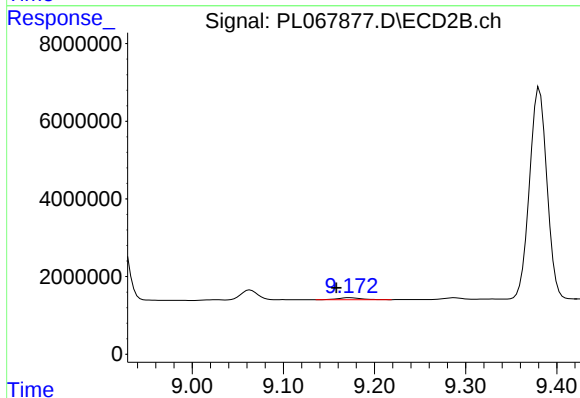
R.T.: 8.918 min
Delta R.T.: -0.005 min
Response: 39098150
Conc: 51.12 ng/ml



#15 Endosulfan II

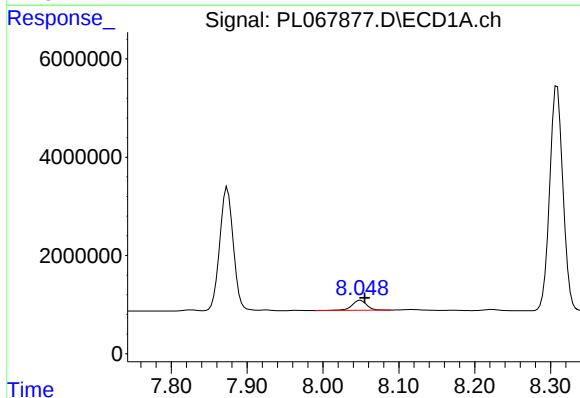
R.T.: 0.000 min
Exp R.T.: 8.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



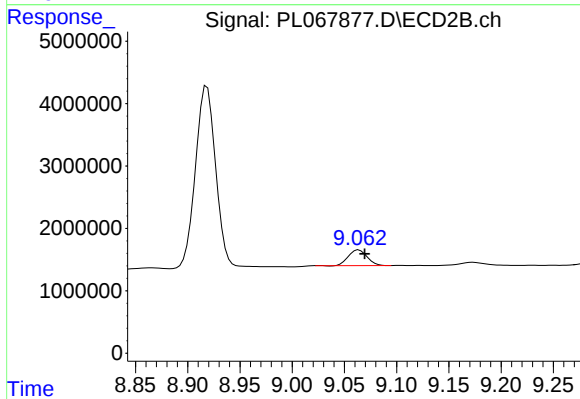
#15 Endosulfan II

R.T.: 9.173 min
Delta R.T.: 0.015 min
Response: 888514
Conc: 1.11 ng/ml



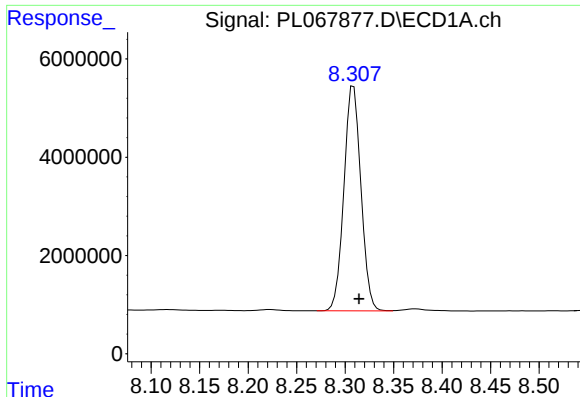
#16 4,4'-DDD

R.T.: 8.050 min
Delta R.T.: -0.005 min
Response: 2755580
Conc: 4.74 ng/ml



#16 4,4'-DDD

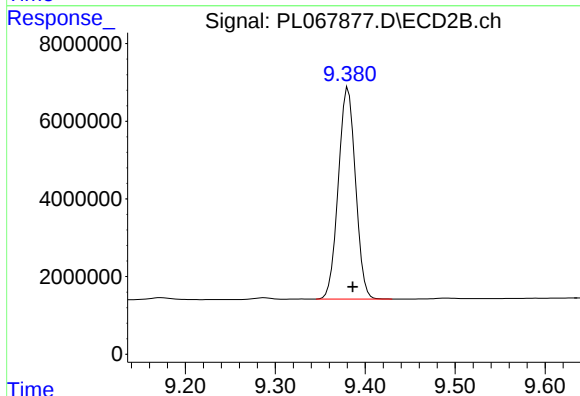
R.T.: 9.064 min
Delta R.T.: -0.006 min
Response: 3138565
Conc: 4.41 ng/ml



#17 4,4'-DDT

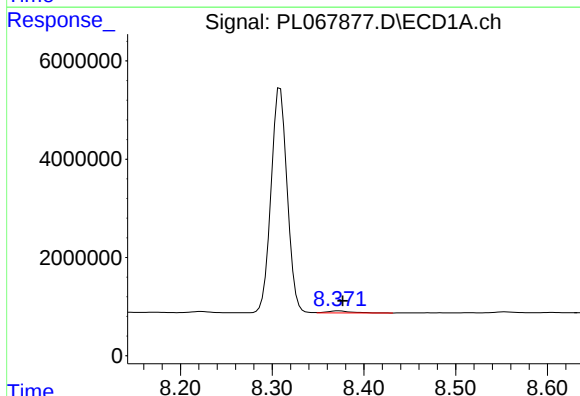
R.T.: 8.309 min
Delta R.T.: -0.006 min
Response: 55833289
Conc: 95.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



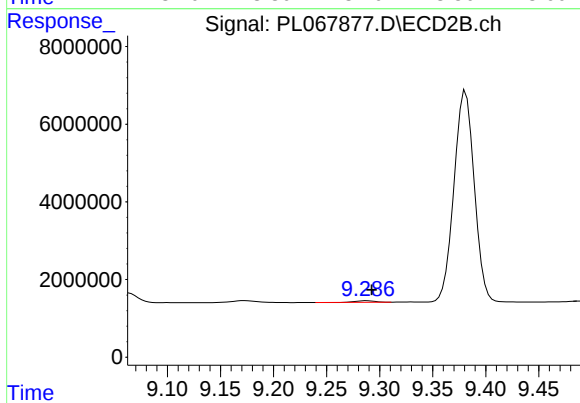
#17 4,4'-DDT

R.T.: 9.381 min
Delta R.T.: -0.005 min
Response: 72299324
Conc: 98.61 ng/ml



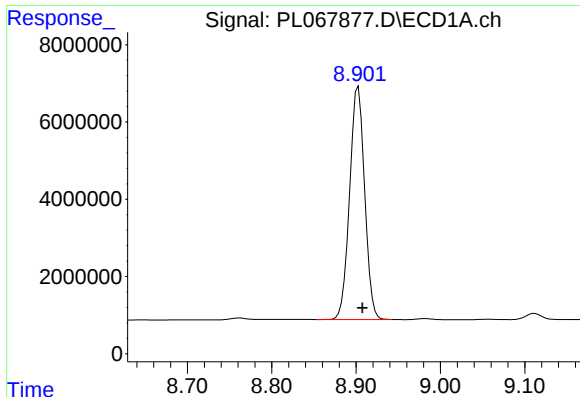
#18 Endrin aldehyde

R.T.: 8.372 min
Delta R.T.: -0.005 min
Response: 719399
Conc: 1.42 ng/ml



#18 Endrin aldehyde

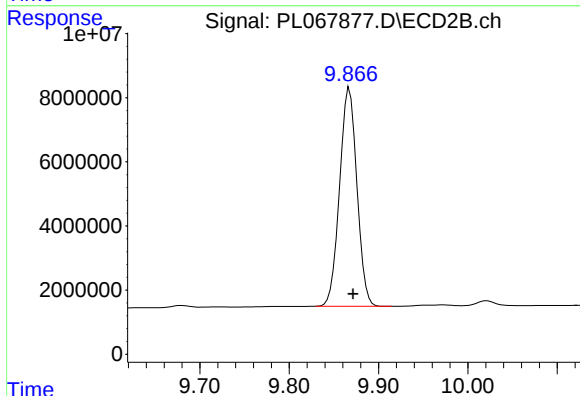
R.T.: 9.288 min
Delta R.T.: -0.005 min
Response: 479189
Conc: 0.75 ng/ml



#20 Methoxychlor

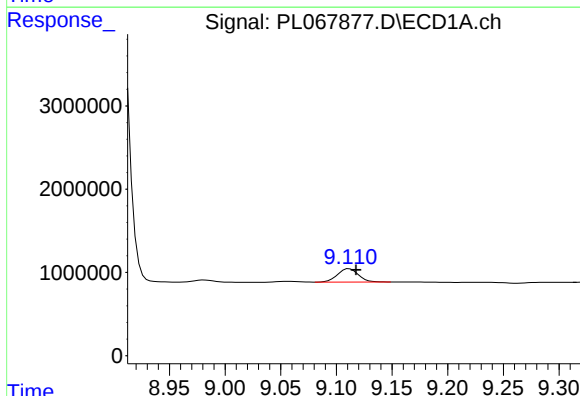
R.T.: 8.903 min
Delta R.T.: -0.005 min
Response: 74502650
Conc: 209.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



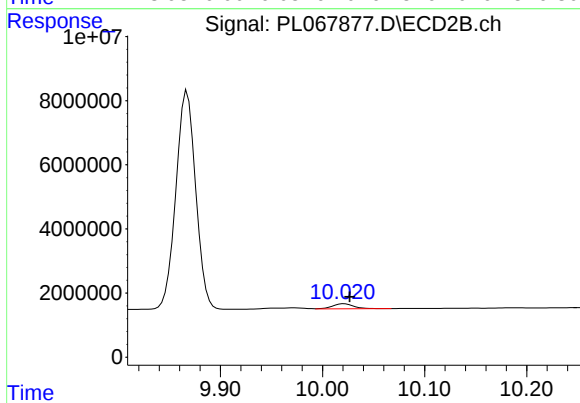
#20 Methoxychlor

R.T.: 9.868 min
Delta R.T.: -0.004 min
Response: 91747157
Conc: 235.97 ng/ml



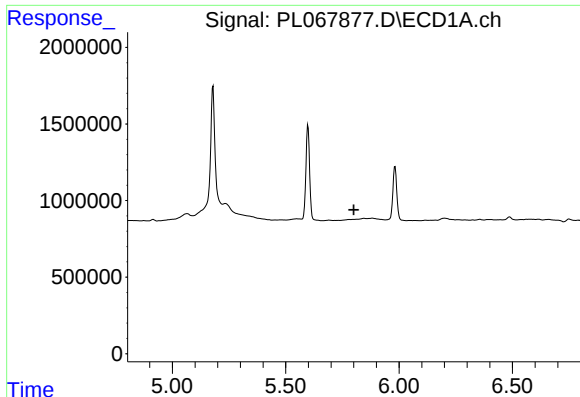
#21 Endrin ketone

R.T.: 9.112 min
Delta R.T.: -0.006 min
Response: 2094291
Conc: 2.75 ng/ml



#21 Endrin ketone

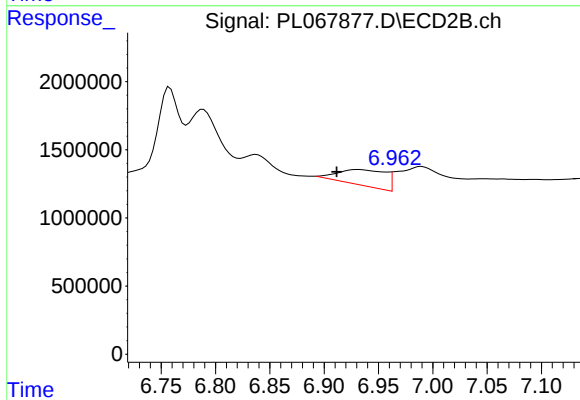
R.T.: 10.021 min
Delta R.T.: -0.005 min
Response: 2280036
Conc: 2.52 ng/ml



#23 Chlordane-1

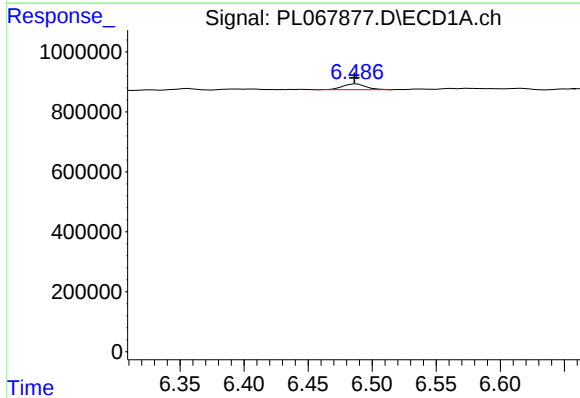
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



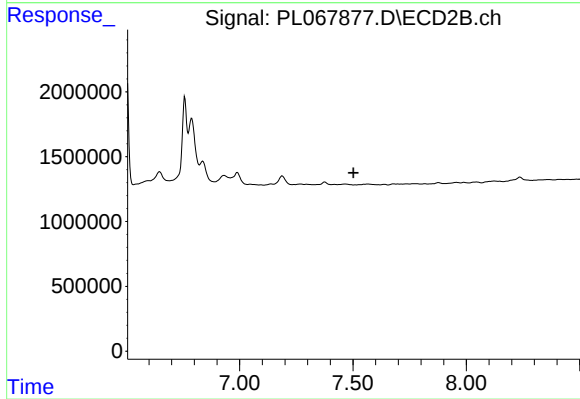
#23 Chlordane-1

R.T.: 6.931 min
Delta R.T.: 0.020 min
Response: 3376535
Conc: 119.57 ng/ml



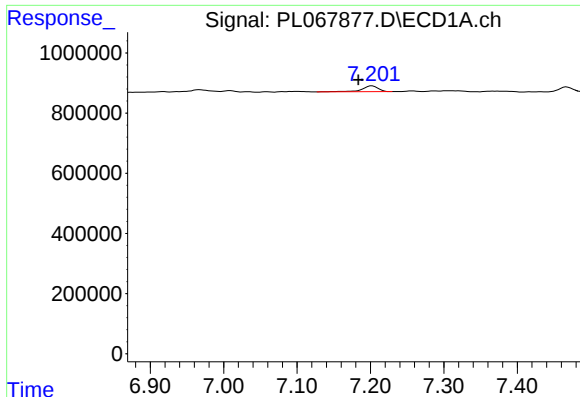
#24 Chlordane-2

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 245678
Conc: 9.17 ng/ml



#24 Chlordane-2

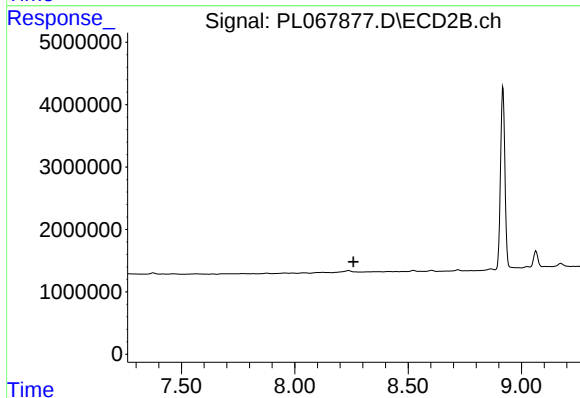
R.T.: 0.000 min
Exp R.T.: 7.503 min
Response: 0
Conc: N.D.



#25 Chlordane-3

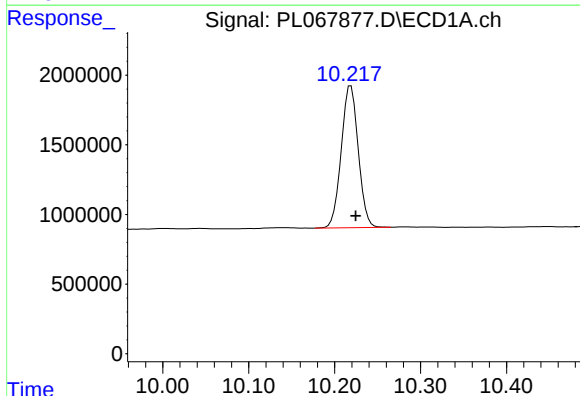
R.T.: 7.202 min
Delta R.T.: 0.019 min
Response: 301540
Conc: 4.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



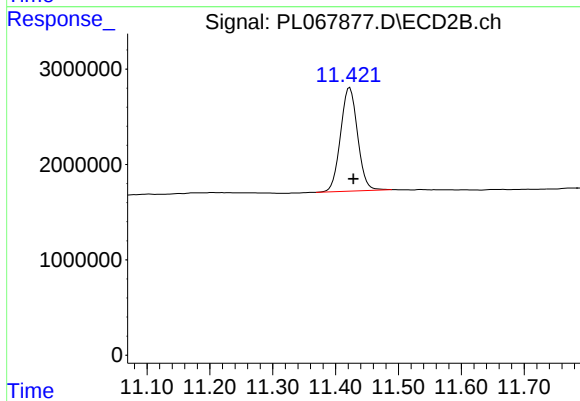
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 8.259 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 14010327
Conc: 19.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: -0.006 min
Response: 20514594
Conc: 20.60 ng/ml