

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012320\
 Data File : PL056006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2020 10:39
 Operator : AJ\MA
 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: Jan 23 17:00:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.489	3.965	211.2E6	62645724	22.038	22.166
28)	SA Decachlor...	8.233	8.952	223.5E6	47536606	21.376	20.750
Target Compounds							
2)	A alpha-BHC	3.926	4.348	169.4E6	43474240	10.209	10.251
3)	MA gamma-BHC...	4.209	4.628	147.4E6	40104034	9.718	10.110
4)	MA Heptachlor	4.537f	0.000	1842027	0	0.123	N.D. #
6)	B beta-BHC	4.459	4.797	72584978	21240365	11.311	13.384
9)	A Endosulfan I	5.546	0.000	4351932	0	0.335	N.D. #
10)	B gamma-Chl...	5.456f	0.000	17709809	0	1.262	N.D. #
11)	B alpha-Chl...	5.456f	0.000	17709809	0	1.281	N.D. #
14)	MA Endrin	6.039	6.631	540.3E6	118.6E6	42.768	46.808
15)	B Endosulfa...	0.000	6.846	0	1921705	N.D.	0.717 #
16)	A 4,4'-DDD	6.163	6.752	43533100	11834012	4.372	5.133
17)	MA 4,4'-DDT	6.403	7.047	959.5E6	213.5E6	94.808	94.551
18)	B Endrin al...	6.478	6.961	10760499	3605359	1.035	1.597 #
20)	A Methoxychlor	6.946	7.501	1225.3E6	253.6E6	234.796	212.568
21)	B Endrin ke...	7.181	7.649	46674958	9836150	3.708	3.725
24)	Chlordane-2	4.881f	0.000	48377131	0	111.791	N.D. #
25)	Chlordane-3	5.456f	0.000	17709809	0	14.221	N.D. #
26)	Chlordane-4	5.456f	0.000	17709809	0	17.175	N.D. #

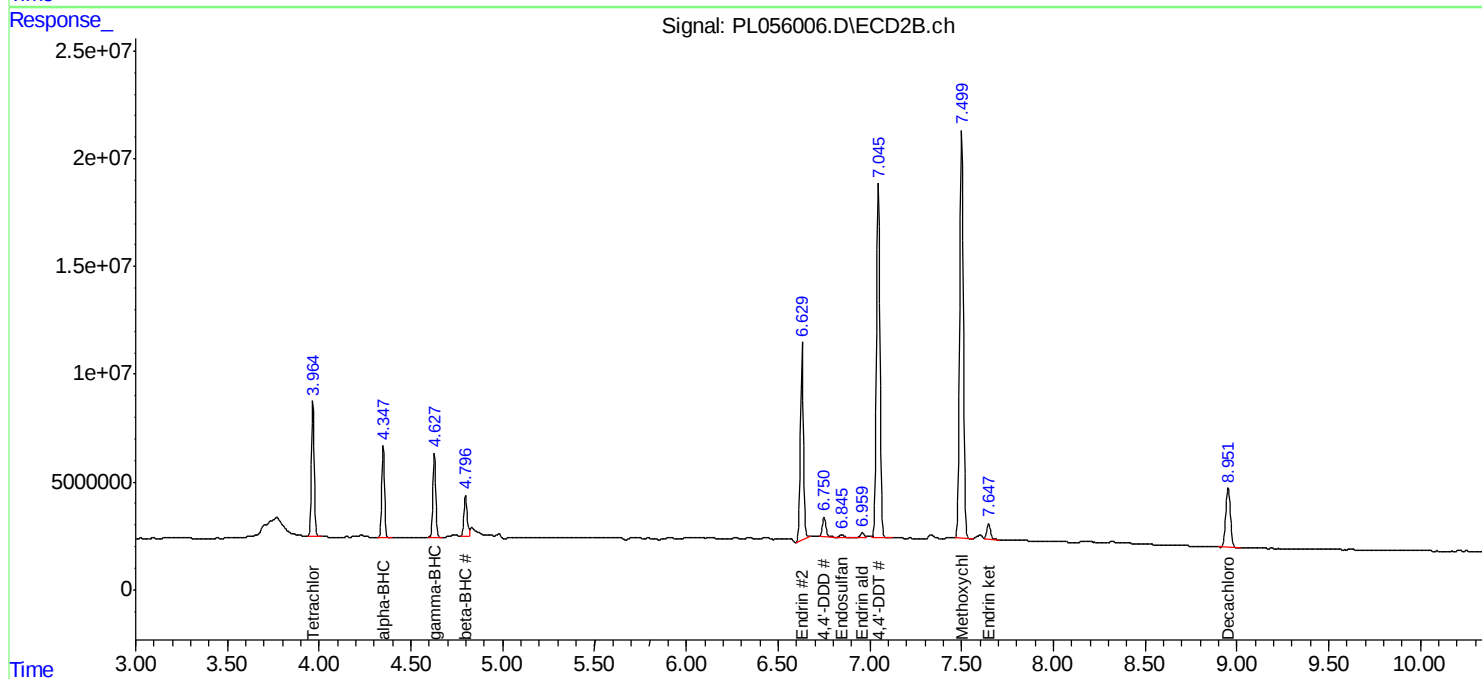
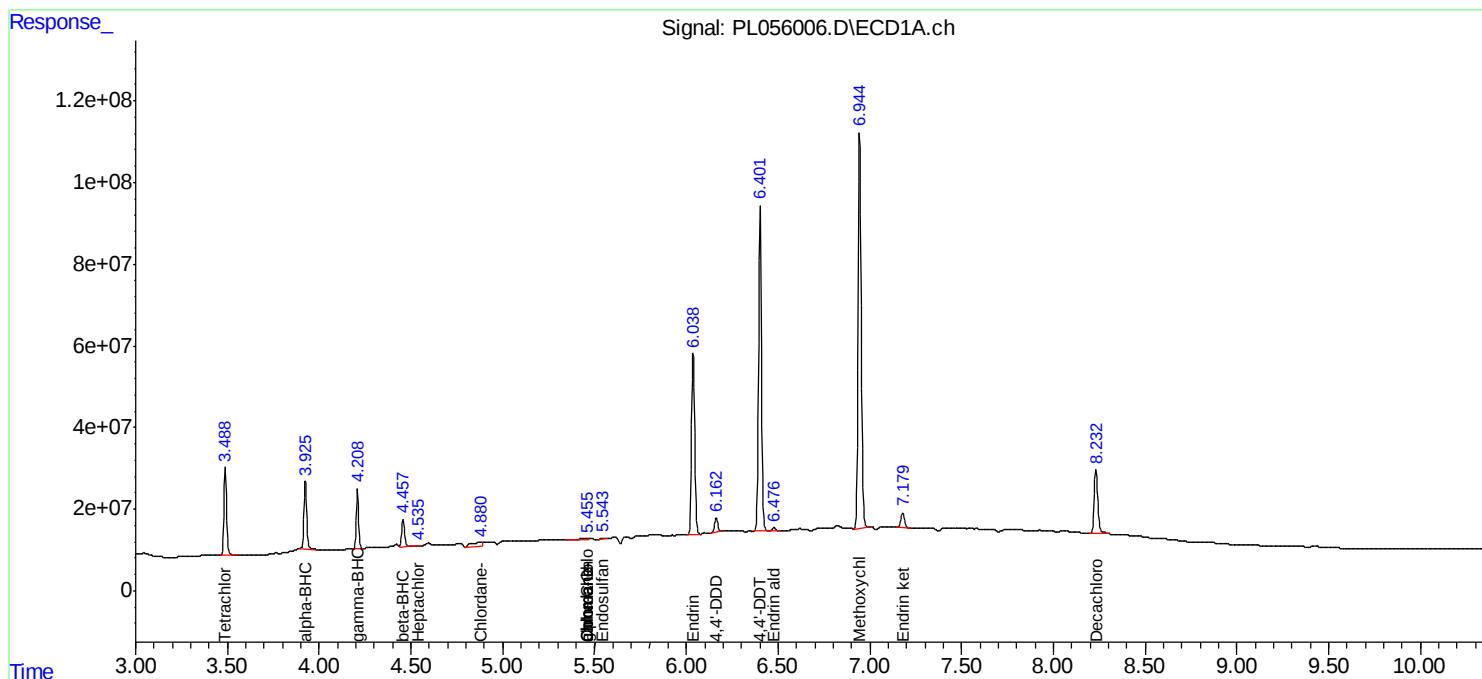
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

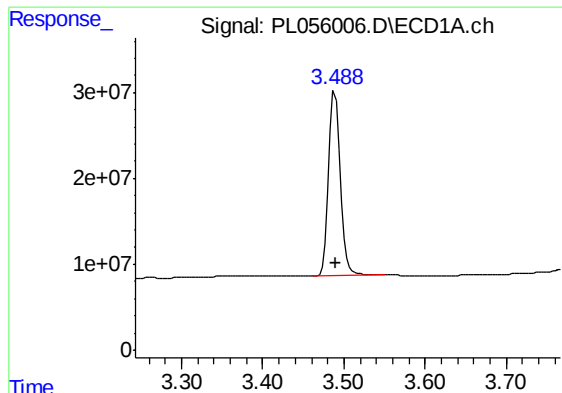
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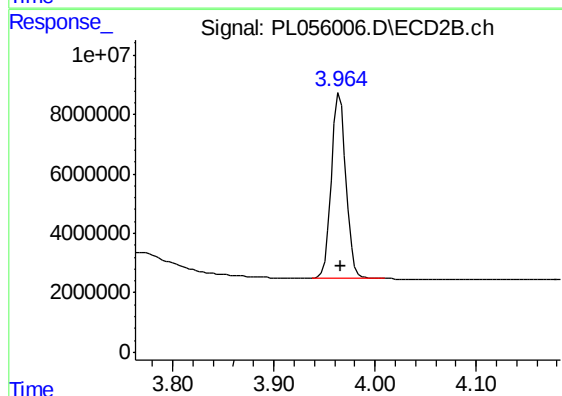




#1 Tetrachloro-m-xylene

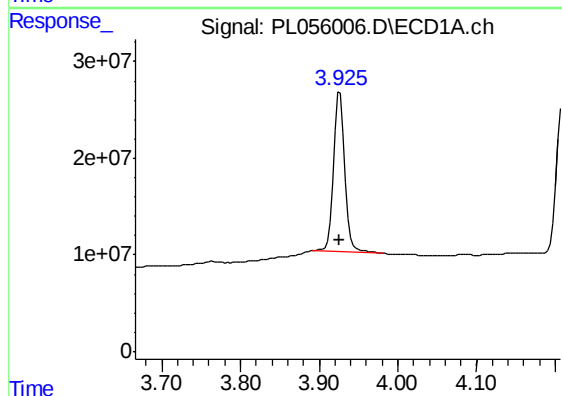
R.T.: 3.489 min
Delta R.T.: -0.001 min
Response: 211223983
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



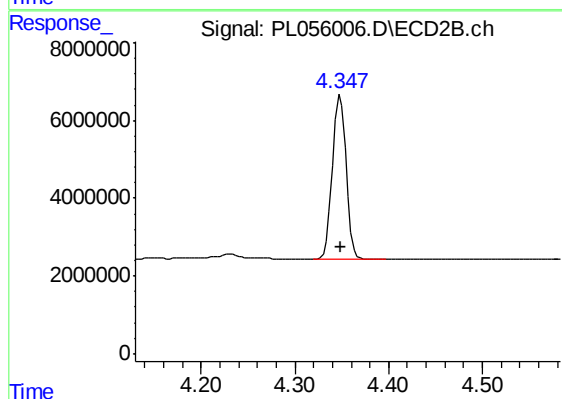
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 62645724
Conc: 22.17 ng/ml



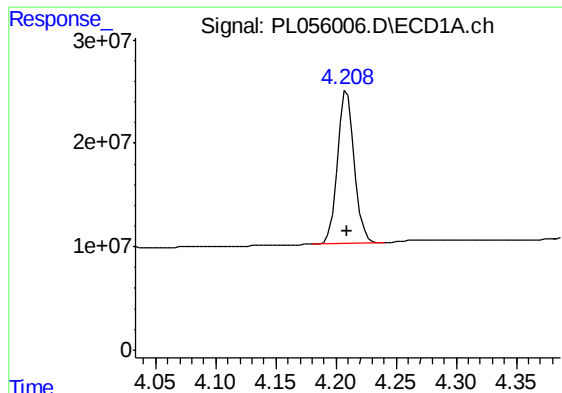
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 169404989
Conc: 10.21 ng/ml



#2 alpha-BHC

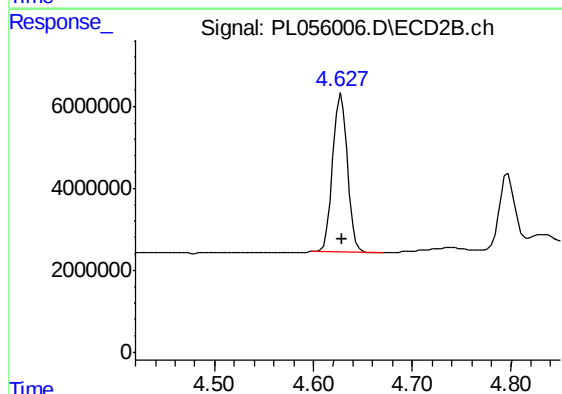
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 43474240
Conc: 10.25 ng/ml



#3 gamma-BHC (Lindane)

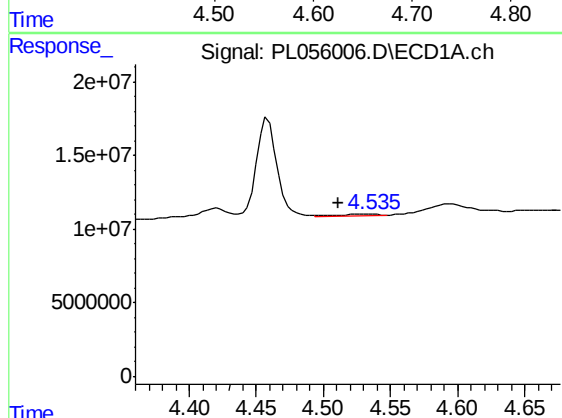
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 147437042
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



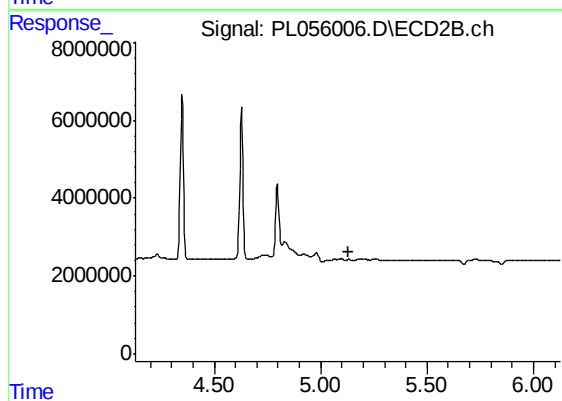
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 40104034
Conc: 10.11 ng/ml



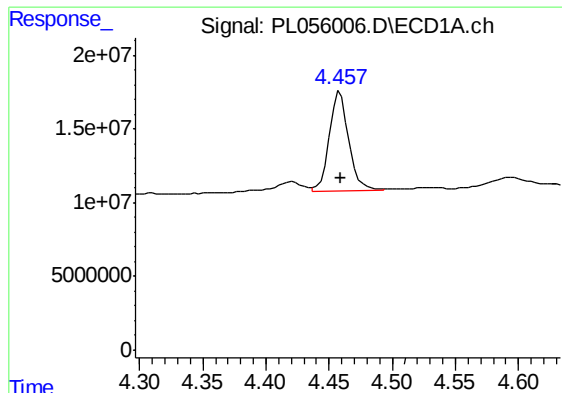
#4 Heptachlor

R.T.: 4.537 min
Delta R.T.: 0.026 min
Response: 1842027
Conc: 0.12 ng/ml



#4 Heptachlor

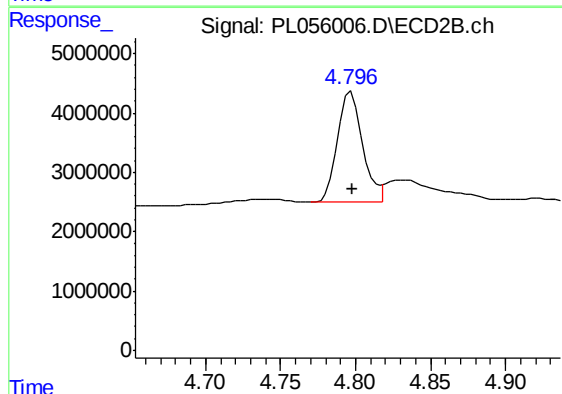
R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



#6 beta-BHC

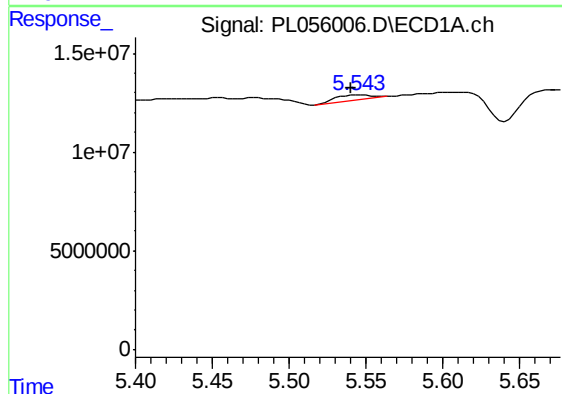
R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 72584978
Conc: 11.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



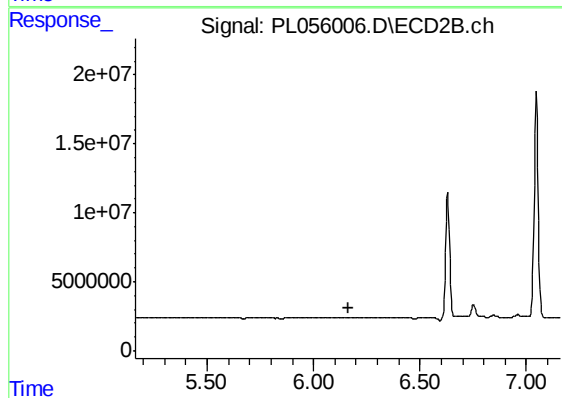
#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 21240365
Conc: 13.38 ng/ml



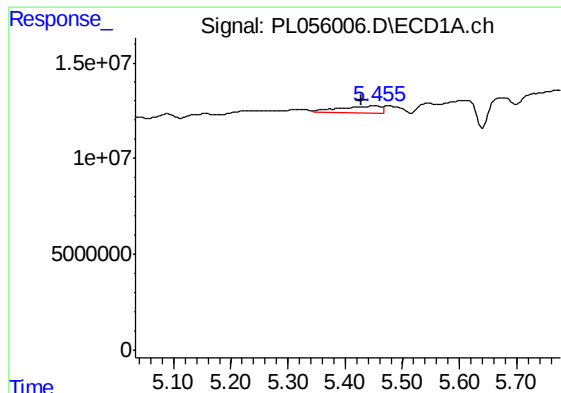
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 4351932
Conc: 0.34 ng/ml



#9 Endosulfan I

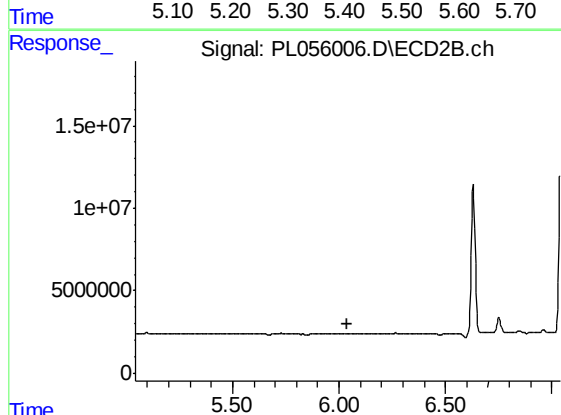
R.T.: 0.000 min
Exp R.T. : 6.162 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

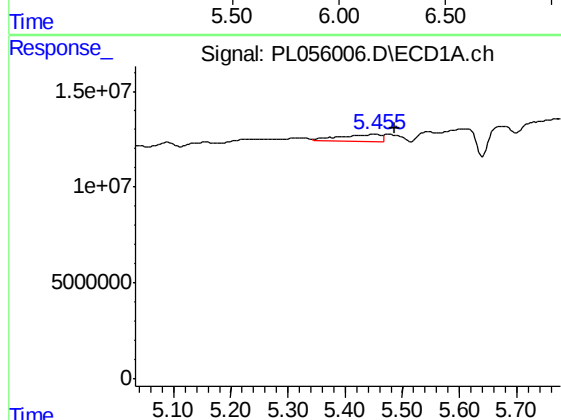
R.T.: 5.456 min
Delta R.T.: 0.028 min
Response: 17709809
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



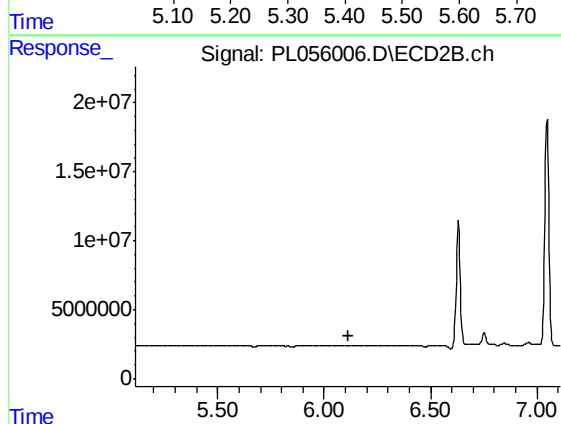
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.041 min
Response: 0
Conc: N.D.



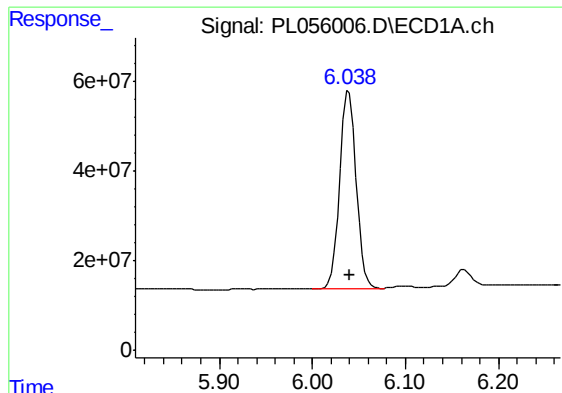
#11 alpha-Chlordane

R.T.: 5.456 min
Delta R.T.: -0.030 min
Response: 17709809
Conc: 1.28 ng/ml



#11 alpha-Chlordane

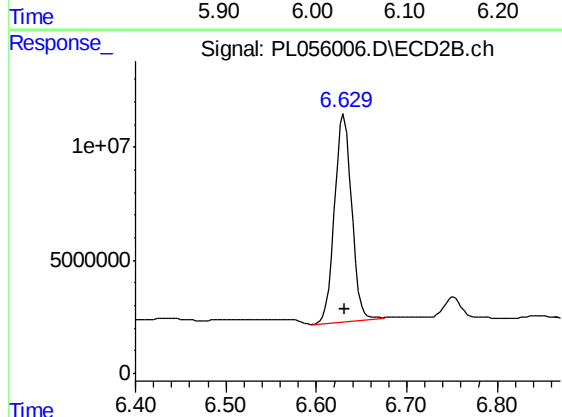
R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#14 Endrin

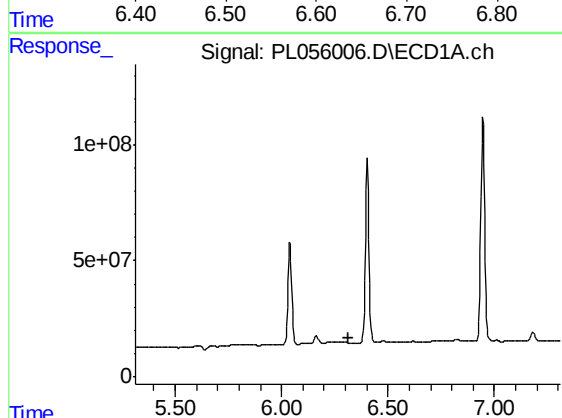
R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 540306794
Conc: 42.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



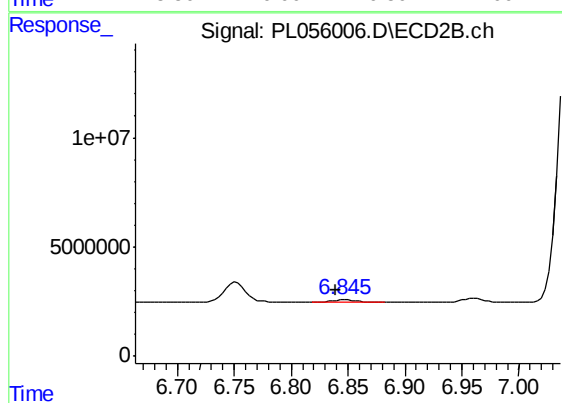
#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 118598308
Conc: 46.81 ng/ml



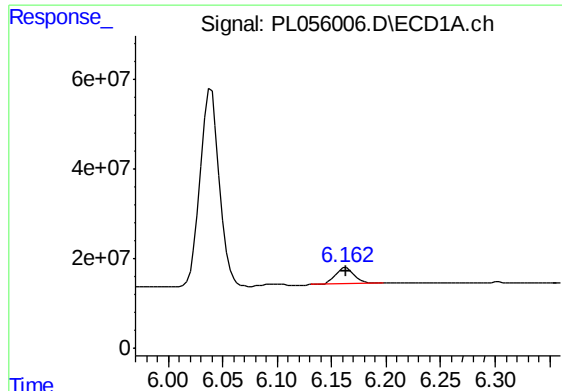
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.312 min
Response: 0
Conc: N.D.



#15 Endosulfan II

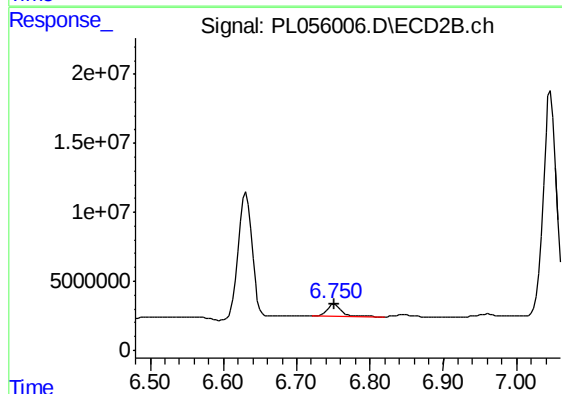
R.T.: 6.846 min
Delta R.T.: 0.007 min
Response: 1921705
Conc: 0.72 ng/ml



#16 4,4'-DDD

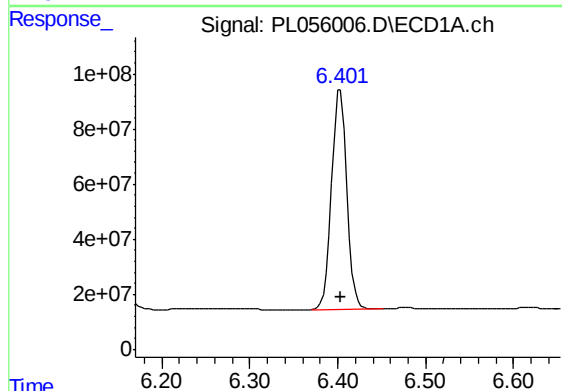
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 43533100
Conc: 4.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



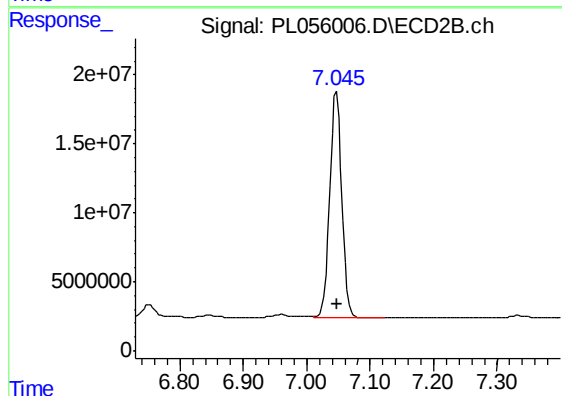
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 11834012
Conc: 5.13 ng/ml



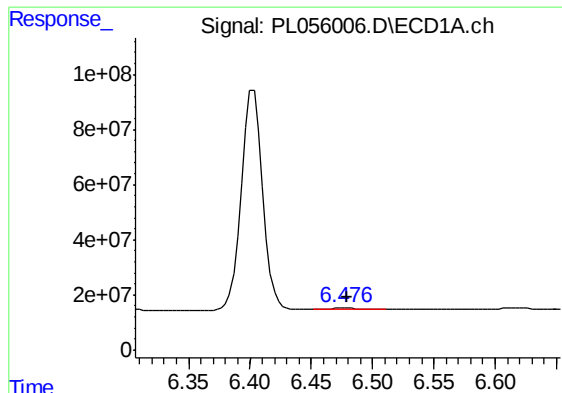
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 959545513
Conc: 94.81 ng/ml



#17 4,4'-DDT

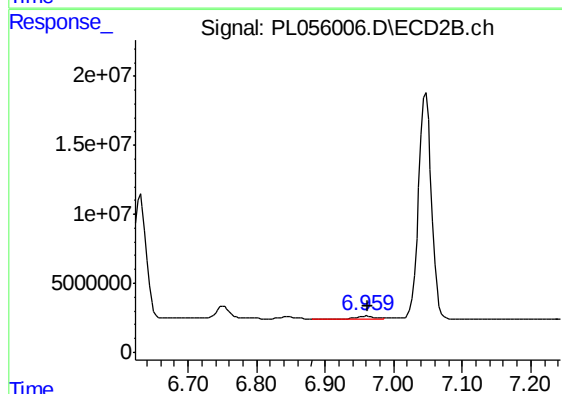
R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 213476483
Conc: 94.55 ng/ml



#18 Endrin aldehyde

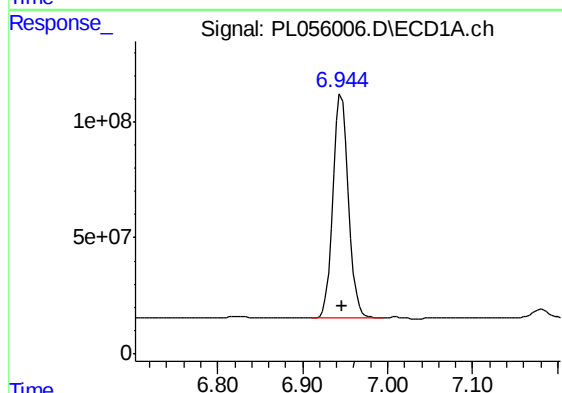
R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 10760499
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



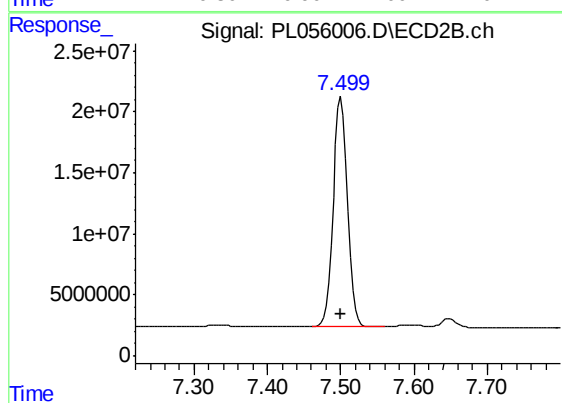
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 3605359
Conc: 1.60 ng/ml



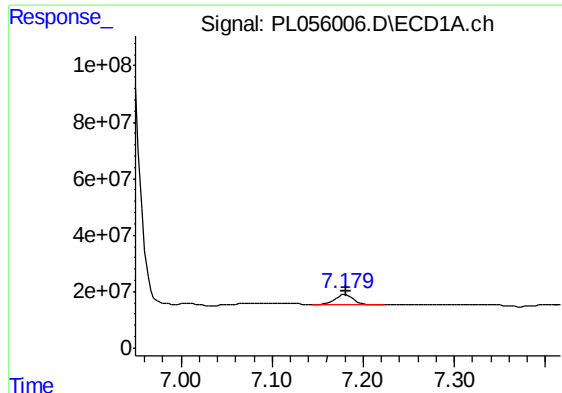
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 1225262237
Conc: 234.80 ng/ml



#20 Methoxychlor

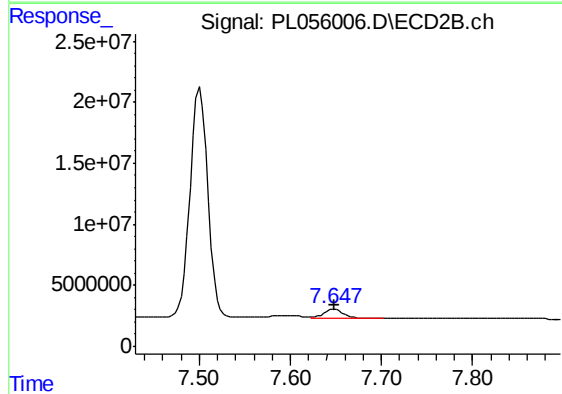
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 253638104
Conc: 212.57 ng/ml



#21 Endrin ketone

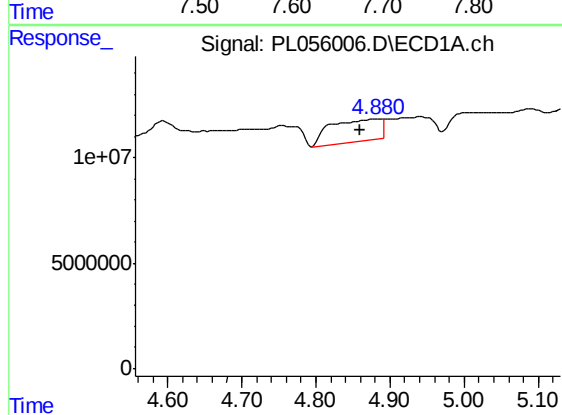
R.T.: 7.181 min
Delta R.T.: -0.001 min
Response: 46674958
Conc: 3.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



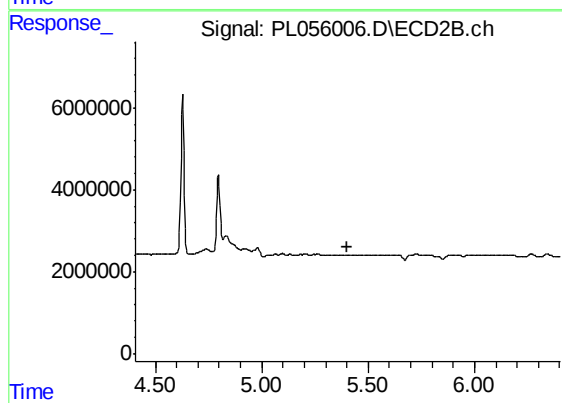
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 9836150
Conc: 3.72 ng/ml



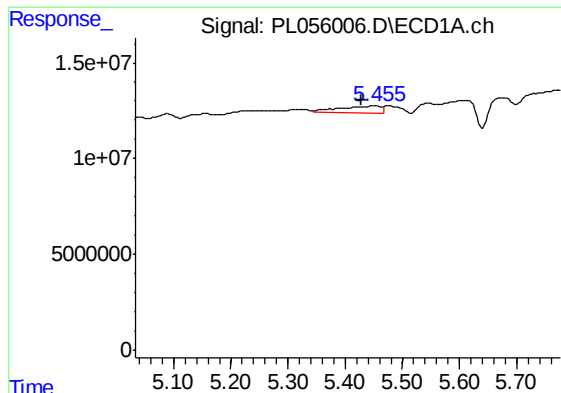
#24 Chlordane-2

R.T.: 4.881 min
Delta R.T.: 0.021 min
Response: 48377131
Conc: 111.79 ng/ml



#24 Chlordane-2

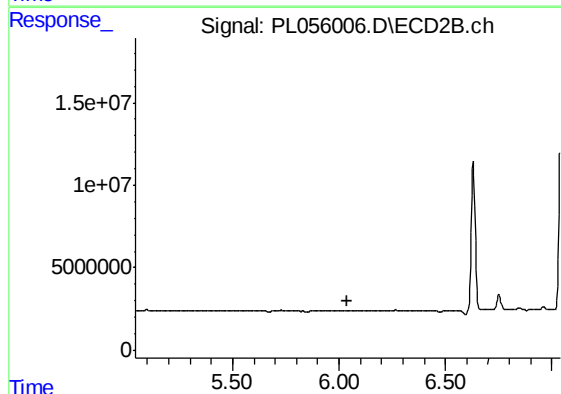
R.T.: 0.000 min
Exp R.T. : 5.403 min
Response: 0
Conc: N.D.



#25 Chlordane-3

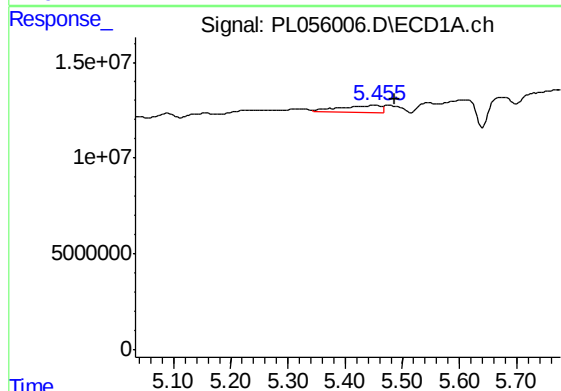
R.T.: 5.456 min
Delta R.T.: 0.028 min
Response: 17709809
Conc: 14.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



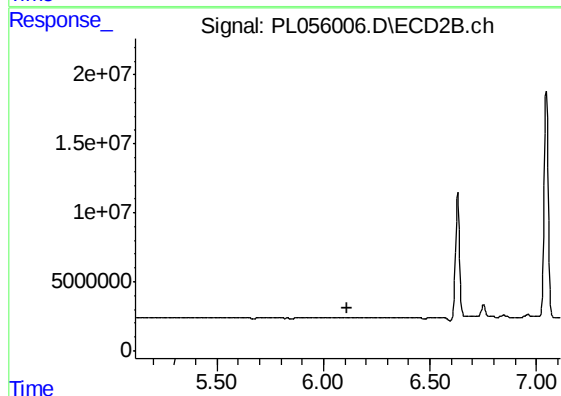
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 6.041 min
Response: 0
Conc: N.D.



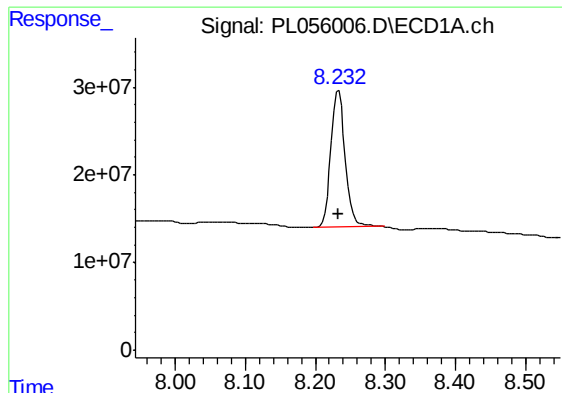
#26 Chlordane-4

R.T.: 5.456 min
Delta R.T.: -0.030 min
Response: 17709809
Conc: 17.17 ng/ml



#26 Chlordane-4

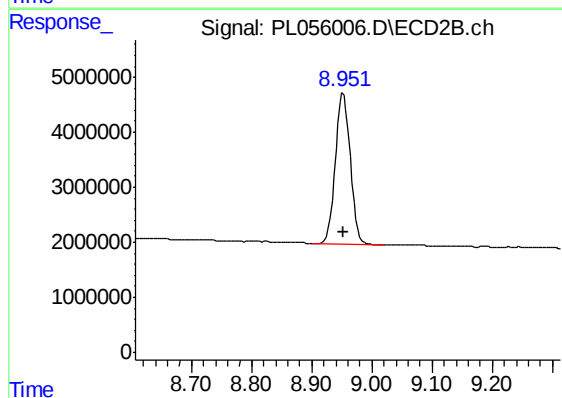
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 223502311
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 47536606
Conc: 20.75 ng/ml