

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092419\
 Data File : PL052707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 19:36
 Operator : SG\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: Sep 25 01:18:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 2019
 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...	3.550	4.048	164.0E6	47397183	21.029	21.752
28)	SA Decachlor...	8.351	9.126	172.0E6	55959563	19.671	23.369
Target Compounds							
2)	A alpha-BHC	3.995	4.439	204.8E6	31177439	17.038	10.200 #
3)	MA gamma-BHC...	4.282	4.724	109.8E6	30194145	9.707	10.457
5)	MB Aldrin	4.831f	0.000	710547	0	0.066	N.D. #
6)	B beta-BHC	4.532	4.893	51004927	16293454	10.422	12.217
8)	B Heptachlo...	0.000	5.915	0	596407	N.D.	0.227 #
12)	B 4,4'-DDE	5.743	6.388	3270180	1485183	0.350	0.609 #
14)	MA Endrin	6.139	6.758	414.3E6	105.9E6	50.109	54.724
15)	B Endosulfa...	6.409	6.973	8851279	1916422	0.913	0.859
16)	A 4,4'-DDD	6.262	6.878	30728849	8672442	4.012	4.709
17)	MA 4,4'-DDT	6.506	7.176	837.4E6	224.3E6	107.899	122.631
18)	B Endrin al...	6.579	7.089	30109843	7133306	3.894	3.845
20)	A Methoxychlor	7.053	7.633	1024.5E6	287.5E6	253.397	283.754
21)	B Endrin ke...	7.288	7.783	53326073	7873763	5.136	3.546 #
23)	Chlordane-1	4.461f	5.025f	1617807	1193689	6.014	15.373 #
27)	Chlordane-5	6.409f	0.000	8851279	0	28.743	N.D. #

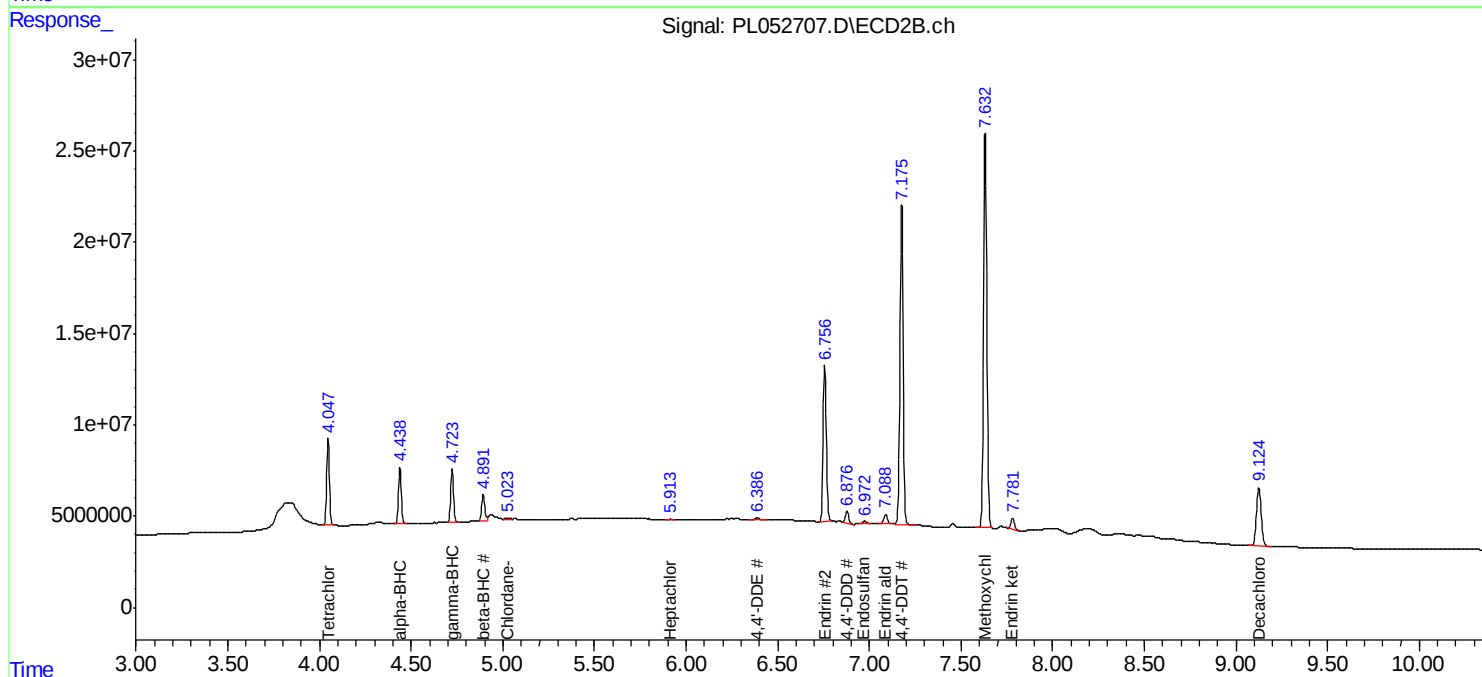
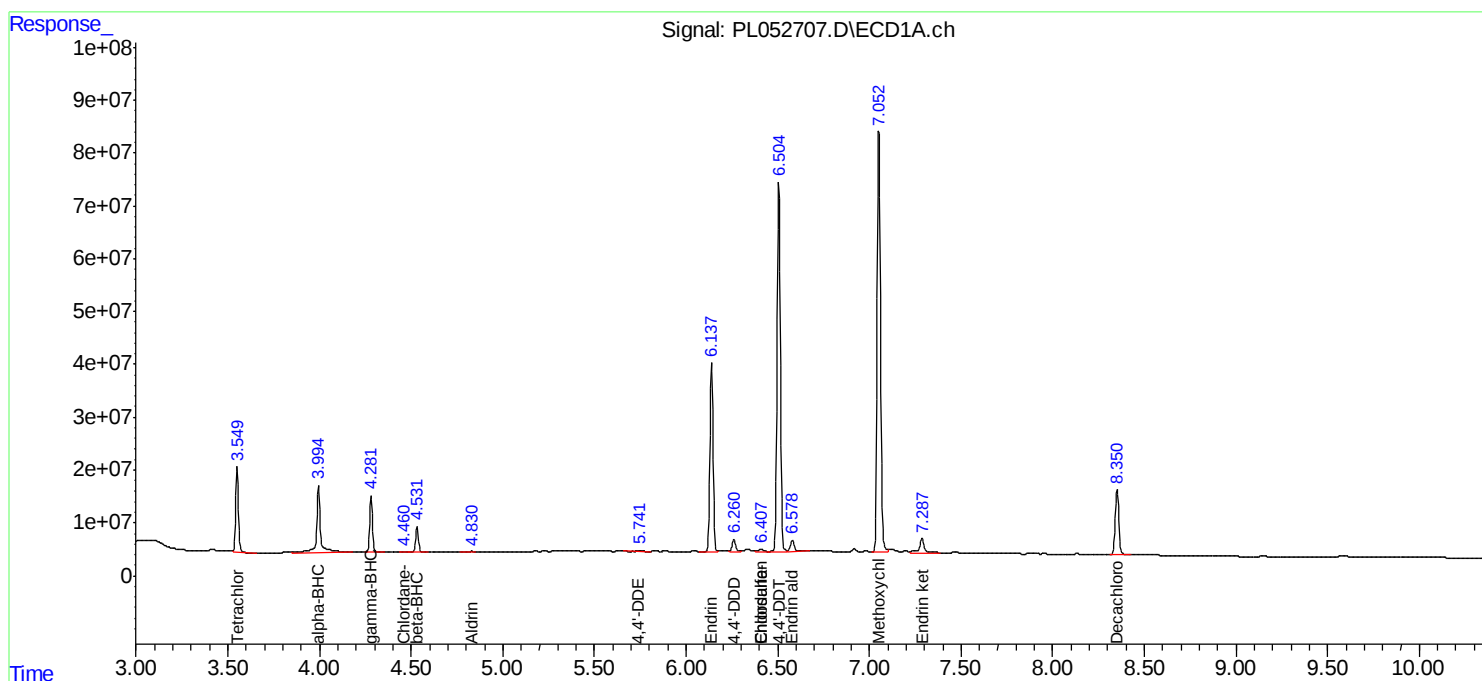
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

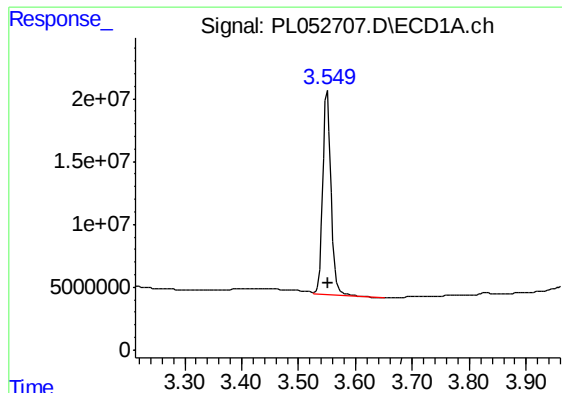
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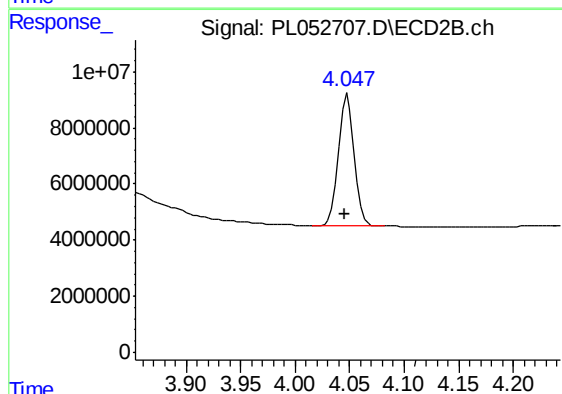




#1 Tetrachloro-m-xylene

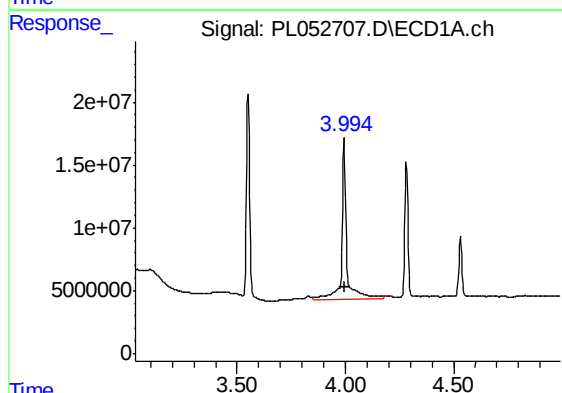
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 163981080
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



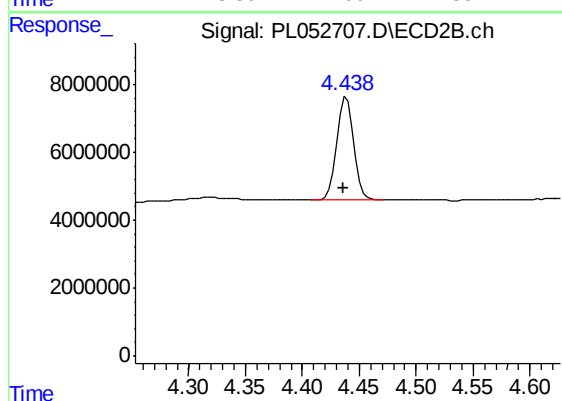
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.003 min
Response: 47397183
Conc: 21.75 ng/ml



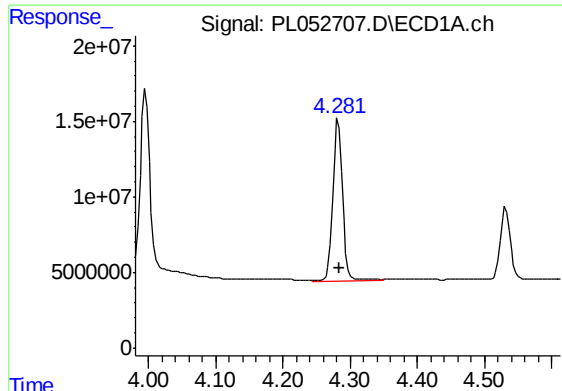
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 204841671
Conc: 17.04 ng/ml



#2 alpha-BHC

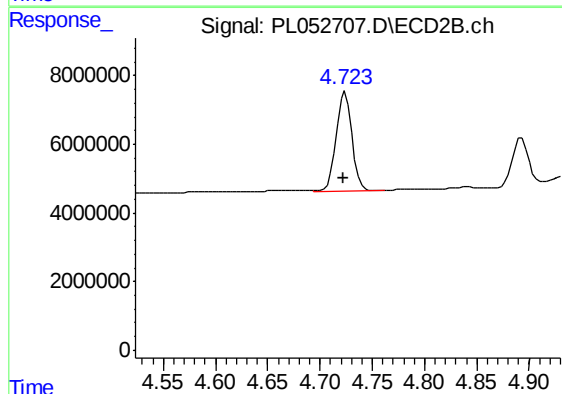
R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 31177439
Conc: 10.20 ng/ml



#3 gamma-BHC (Lindane)

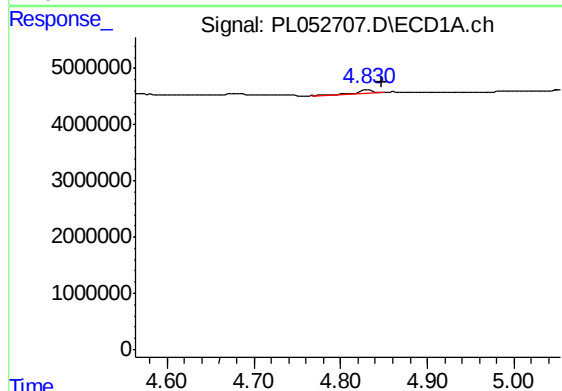
R.T.: 4.282 min
Delta R.T.: -0.001 min
Response: 109825523
Conc: 9.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



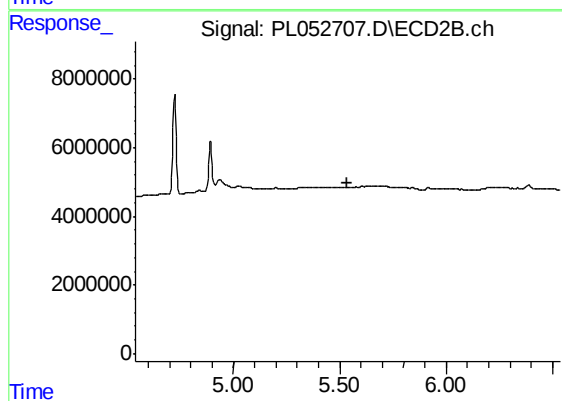
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 30194145
Conc: 10.46 ng/ml



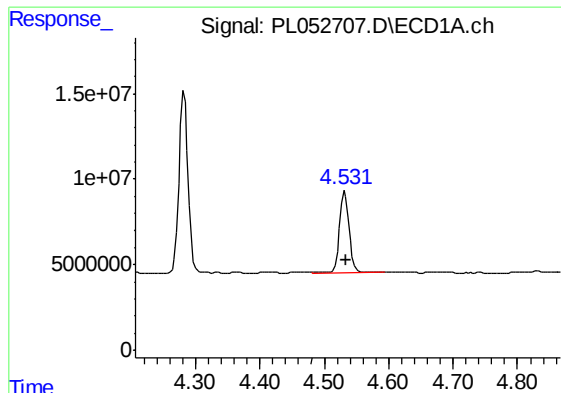
#5 Aldrin

R.T.: 4.831 min
Delta R.T.: -0.016 min
Response: 710547
Conc: 0.07 ng/ml



#5 Aldrin

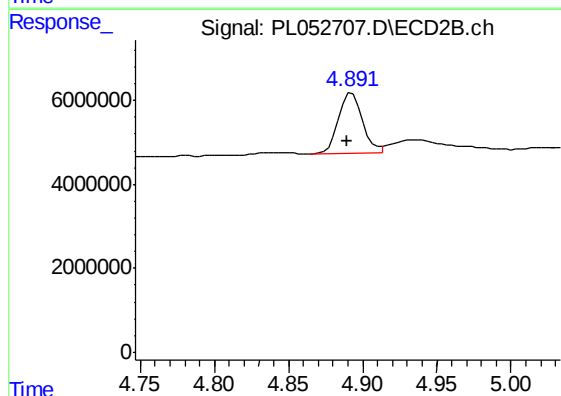
R.T.: 0.000 min
Exp R.T.: 5.537 min
Response: 0
Conc: N.D.



#6 beta-BHC

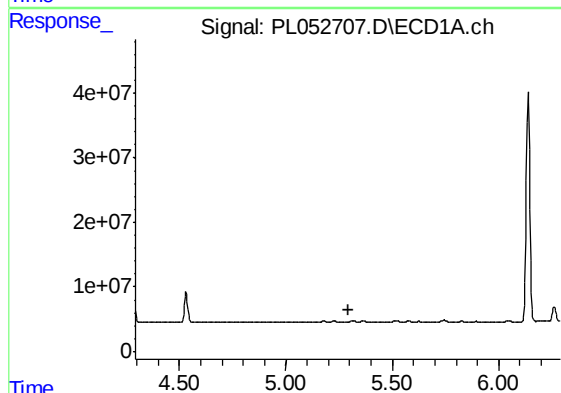
R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 51004927
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



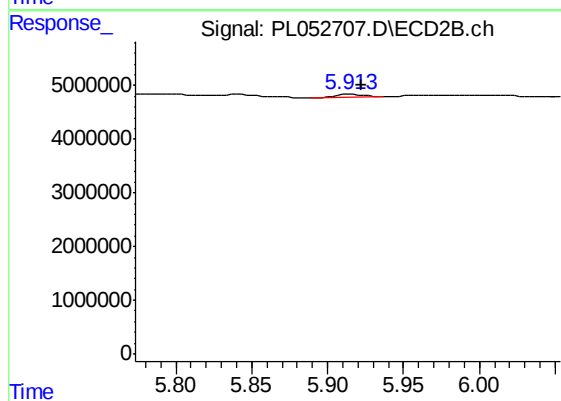
#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.003 min
Response: 16293454
Conc: 12.22 ng/ml



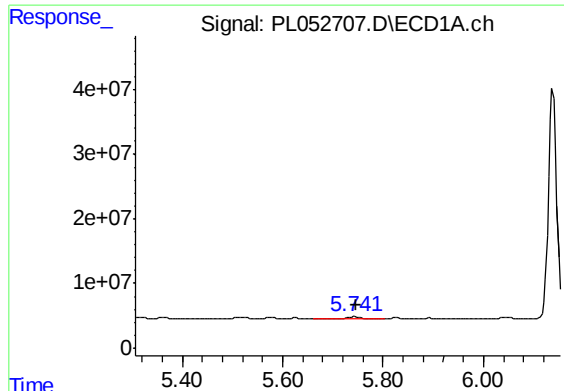
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.293 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

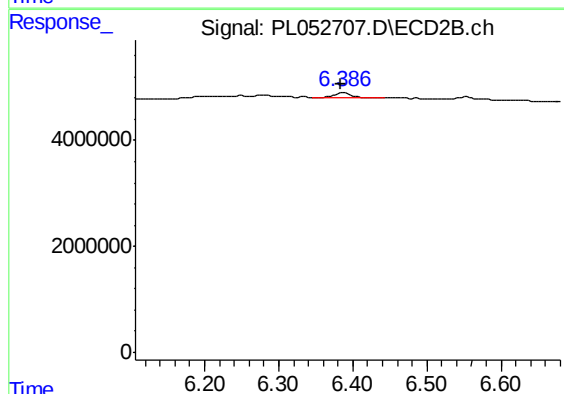
R.T.: 5.915 min
Delta R.T.: -0.007 min
Response: 596407
Conc: 0.23 ng/ml



#12 4,4'-DDE

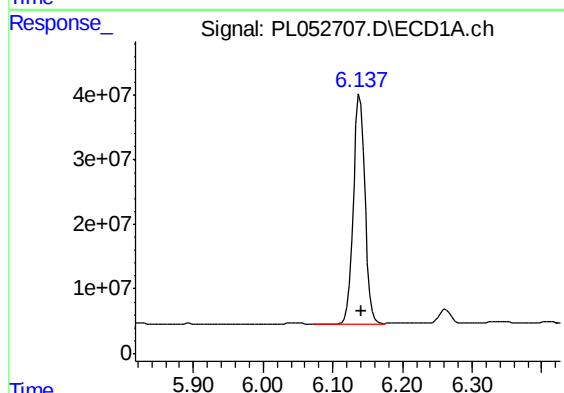
R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 3270180
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



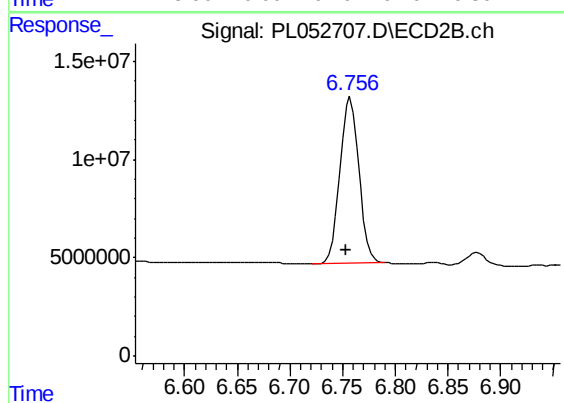
#12 4,4'-DDE

R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 1485183
Conc: 0.61 ng/ml



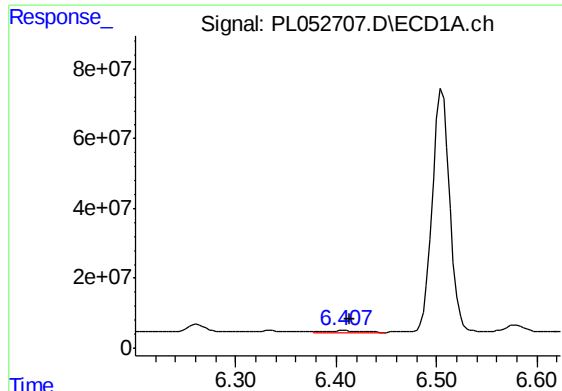
#14 Endrin

R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 414284716
Conc: 50.11 ng/ml



#14 Endrin

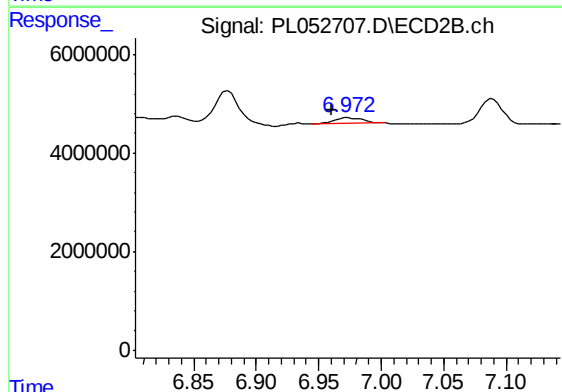
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 105921864
Conc: 54.72 ng/ml



#15 Endosulfan II

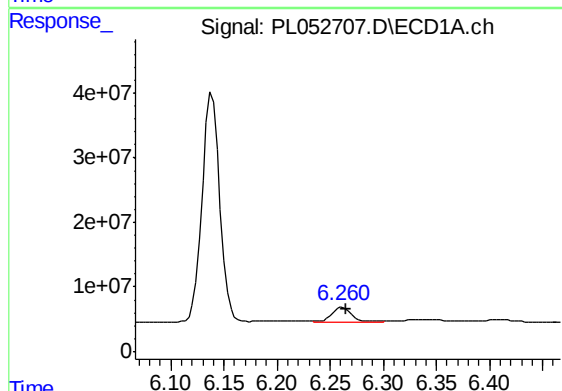
R.T.: 6.409 min
Delta R.T.: -0.005 min
Response: 8851279
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



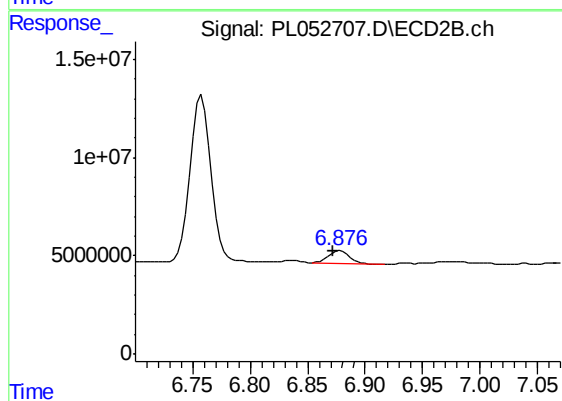
#15 Endosulfan II

R.T.: 6.973 min
Delta R.T.: 0.012 min
Response: 1916422
Conc: 0.86 ng/ml



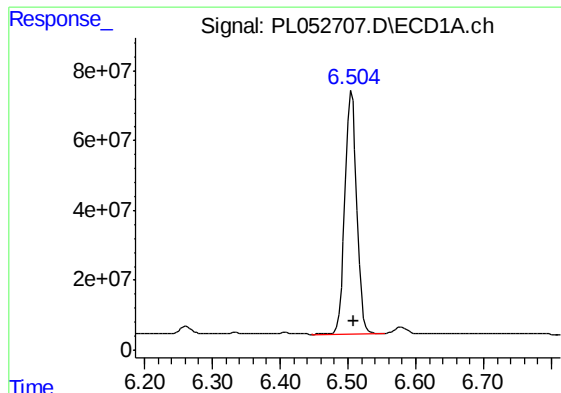
#16 4,4'-DDD

R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 30728849
Conc: 4.01 ng/ml



#16 4,4'-DDD

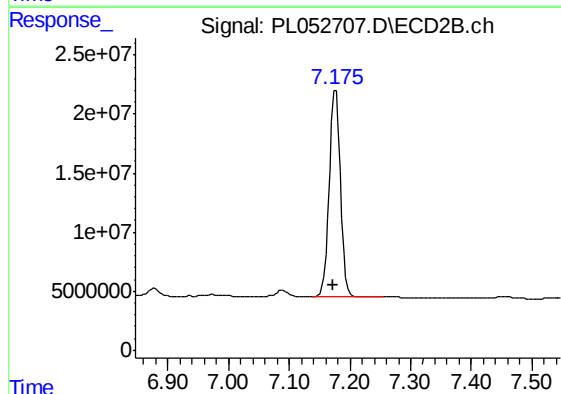
R.T.: 6.878 min
Delta R.T.: 0.005 min
Response: 8672442
Conc: 4.71 ng/ml



#17 4,4'-DDT

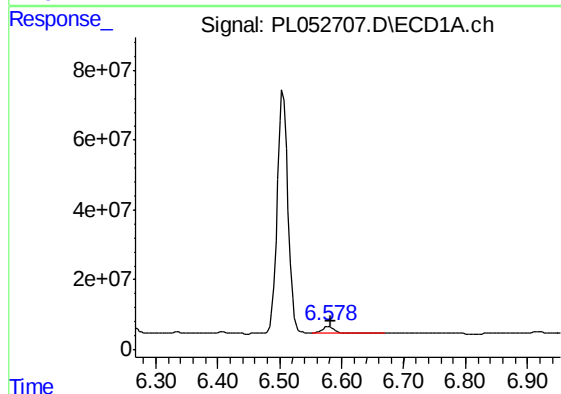
R.T.: 6.506 min
Delta R.T.: -0.003 min
Response: 837434859
Conc: 107.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



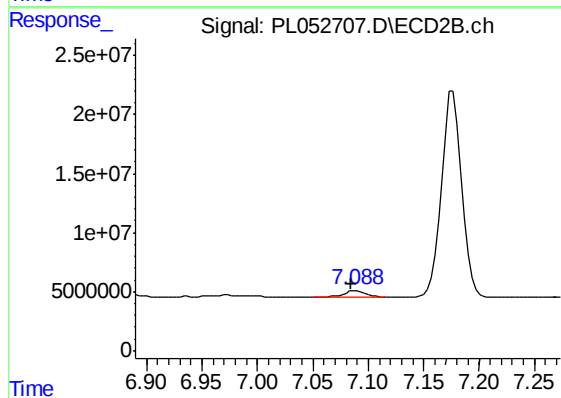
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.005 min
Response: 224301735
Conc: 122.63 ng/ml



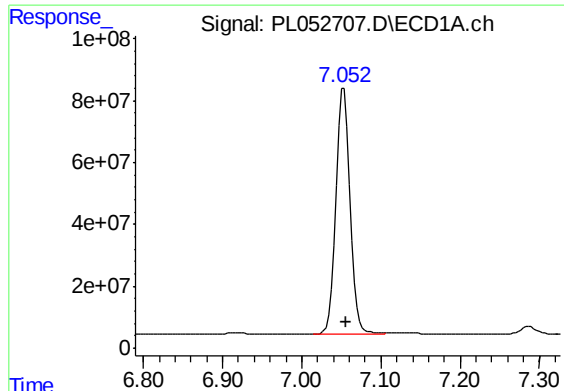
#18 Endrin aldehyde

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 30109843
Conc: 3.89 ng/ml



#18 Endrin aldehyde

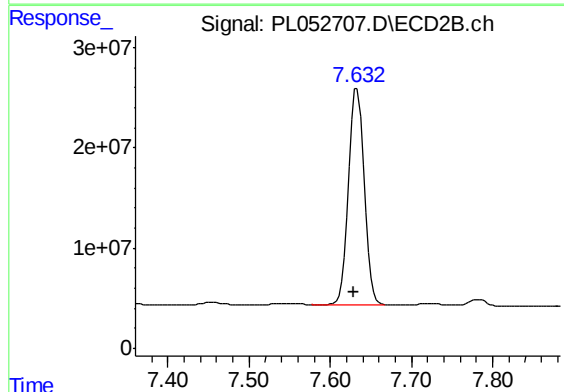
R.T.: 7.089 min
Delta R.T.: 0.004 min
Response: 7133306
Conc: 3.85 ng/ml



#20 Methoxychlor

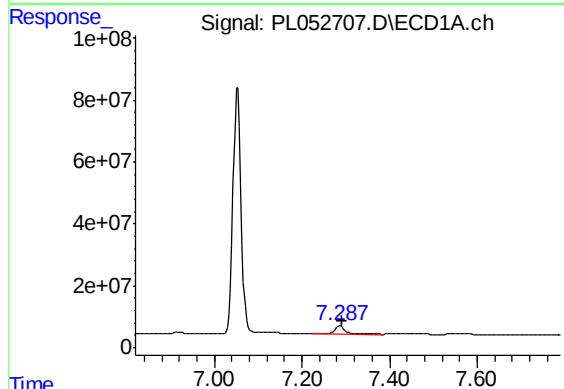
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 1024492279
Conc: 253.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



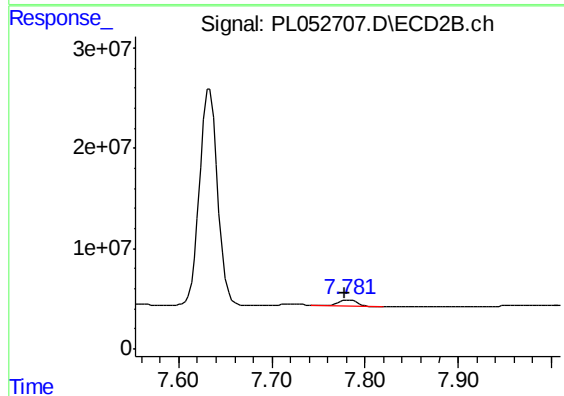
#20 Methoxychlor

R.T.: 7.633 min
Delta R.T.: 0.005 min
Response: 287532521
Conc: 283.75 ng/ml



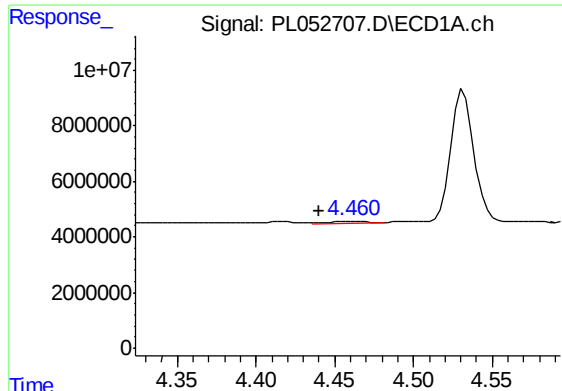
#21 Endrin ketone

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 53326073
Conc: 5.14 ng/ml



#21 Endrin ketone

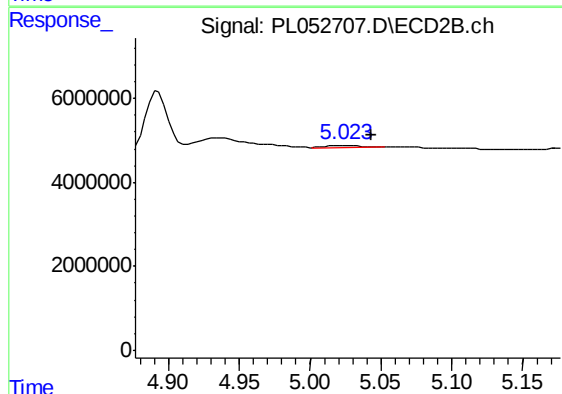
R.T.: 7.783 min
Delta R.T.: 0.005 min
Response: 7873763
Conc: 3.55 ng/ml



#23 Chlordane-1

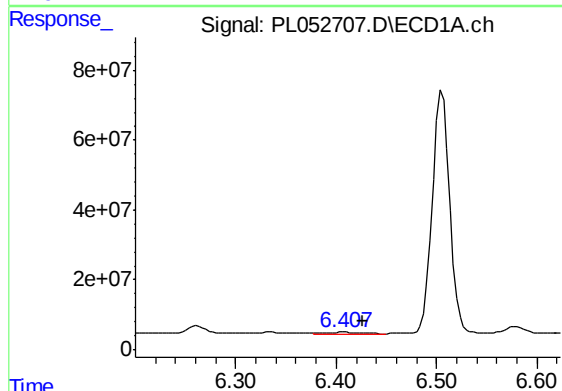
R.T.: 4.461 min
Delta R.T.: 0.021 min
Response: 1617807
Conc: 6.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



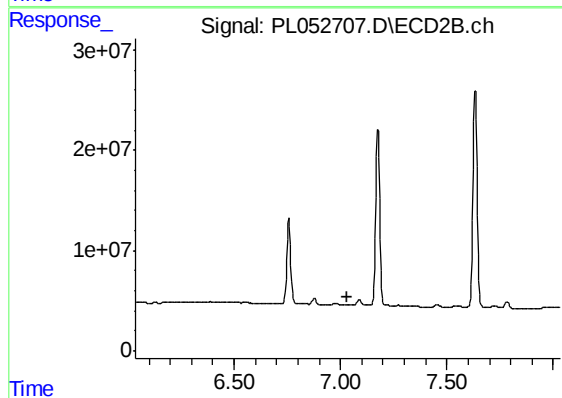
#23 Chlordane-1

R.T.: 5.025 min
Delta R.T.: -0.018 min
Response: 1193689
Conc: 15.37 ng/ml



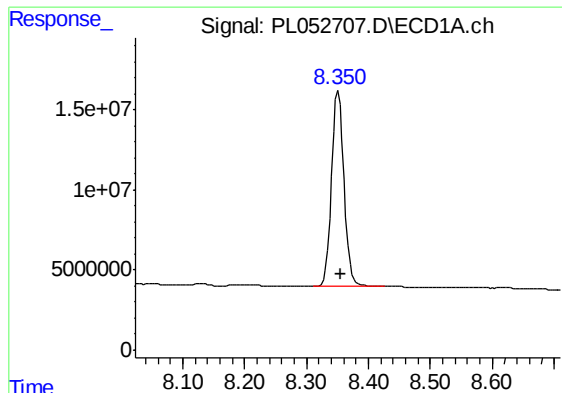
#27 Chlordane-5

R.T.: 6.409 min
Delta R.T.: -0.017 min
Response: 8851279
Conc: 28.74 ng/ml



#27 Chlordane-5

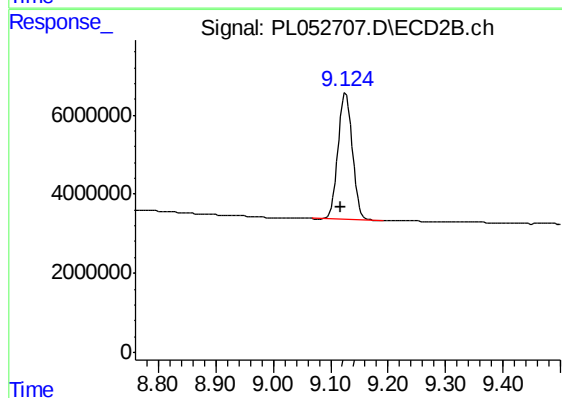
R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 172018578
Conc: 19.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.007 min
Response: 55959563
Conc: 23.37 ng/ml