

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072619\
 Data File : PL050795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 09:39
 Operator : SM\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: Jul 26 22:43:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.319	3.929	229.6E6	58087015	22.849	20.359
2)	SA Decachlor...	7.979	8.956	235.9E6	59901965	23.297	21.182
Target Compounds							
2)	A alpha-BHC	3.746	4.316	175.6E6	36882815	10.481	8.939
3)	MA gamma-BHC...	4.021	4.599	167.0E6	36474837	10.855	9.417
4)	MA Heptachlor	4.275f	0.000	77997841	0	4.754	N.D. #
6)	B beta-BHC	4.275	4.776	77997841	19853459	11.897	11.484
12)	B 4,4'-DDE	5.424	0.000	5299325	0	0.354	N.D. #
14)	MA Endrin	5.800	6.617	707.7E6	141.3E6	48.073	45.564
15)	B Endosulfa...	6.080	6.846	10443525	3459536	0.746	1.088 #
16)	A 4,4'-DDD	5.935	6.745	52951615	10856389	4.419	4.077
17)	MA 4,4'-DDT	6.168	7.042	1294.6E6	279.9E6	104.525	103.668
18)	B Endrin al...	6.241	6.954	17420492	2917181	1.510	1.073 #
20)	A Methoxychlor	6.713	7.503	1449.6E6	358.3E6	232.350	244.180
21)	B Endrin ke...	6.933	7.644	53083521	10628897	3.881	3.676
27)	Chlordane-5	6.080	0.000	10443525	0	20.561	N.D. #

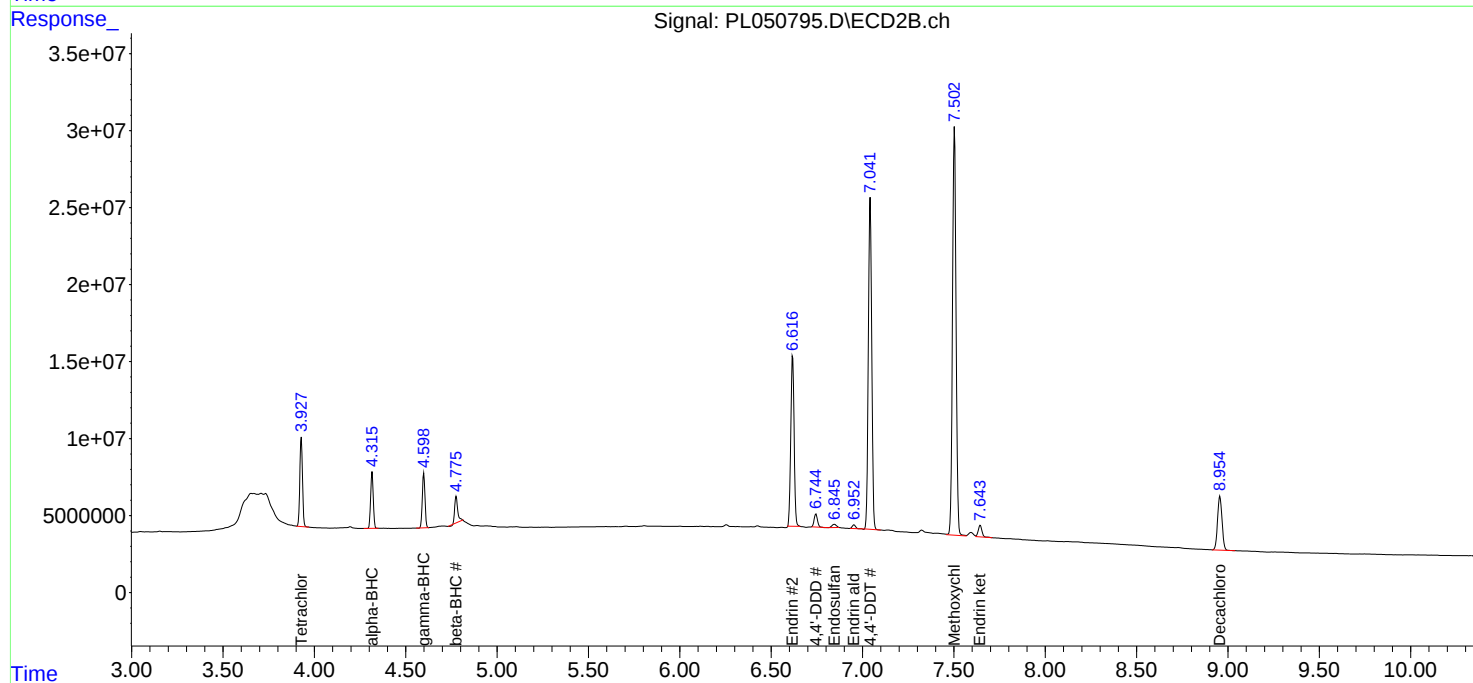
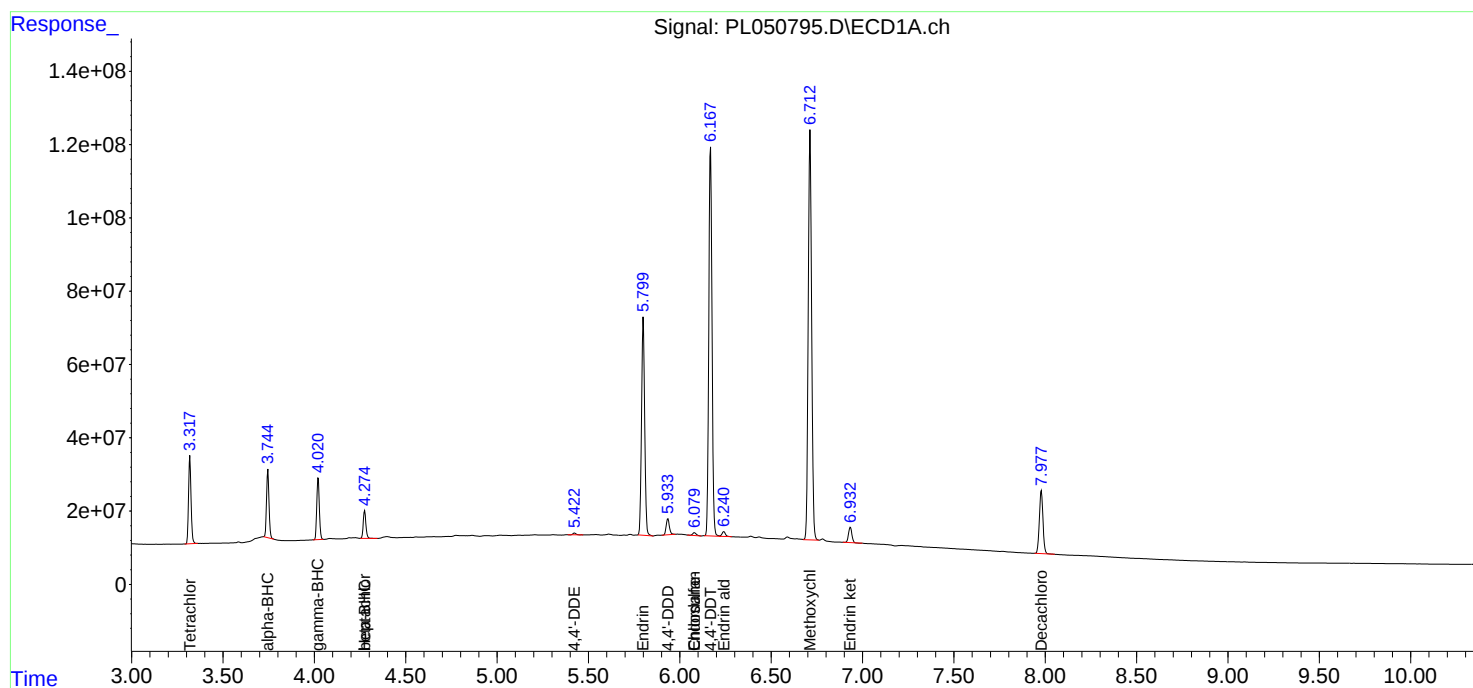
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

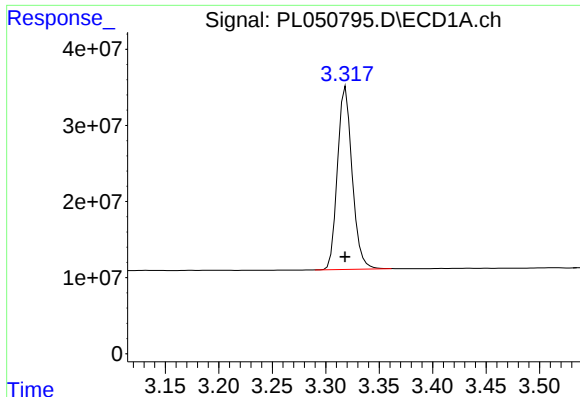
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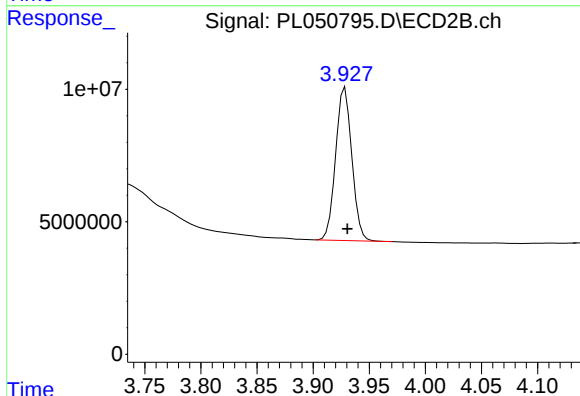




#1 Tetrachloro-m-xylene

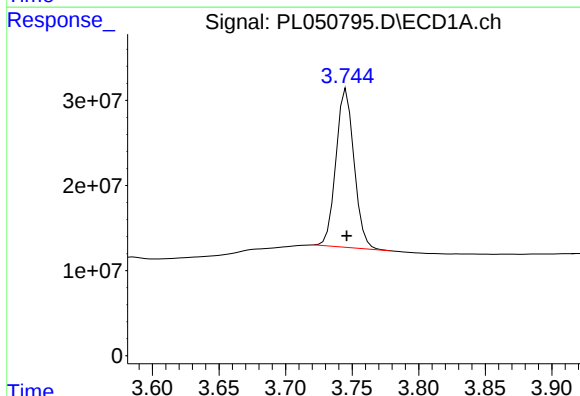
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 229579127
Conc: 22.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



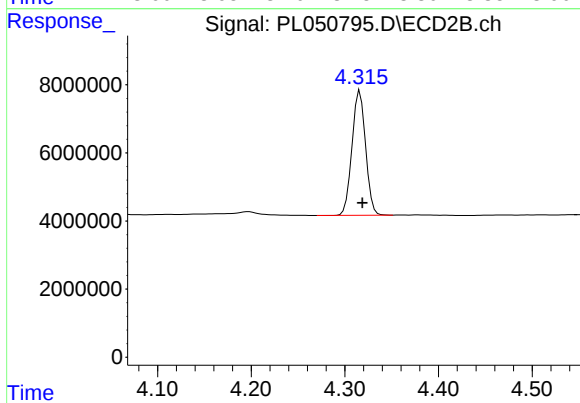
#1 Tetrachloro-m-xylene

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 58087015
Conc: 20.36 ng/ml



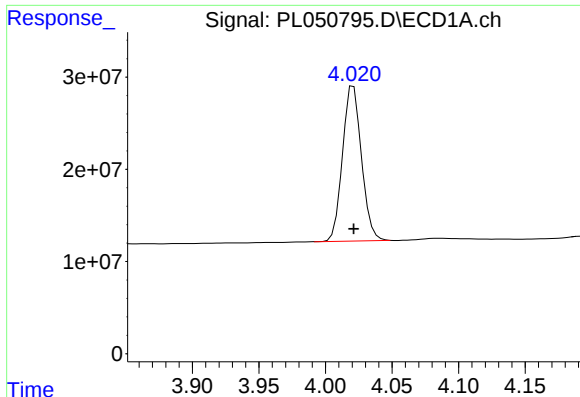
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 175635290
Conc: 10.48 ng/ml



#2 alpha-BHC

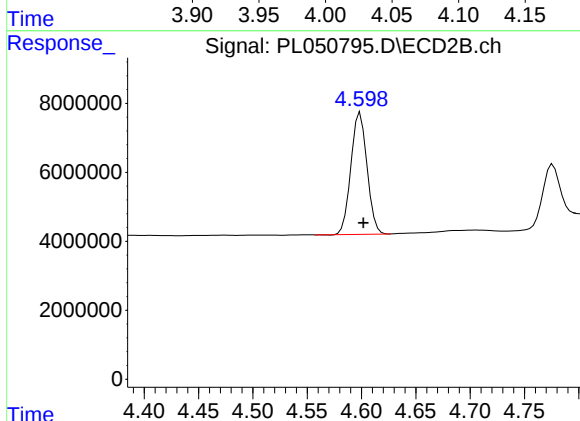
R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 36882815
Conc: 8.94 ng/ml



#3 gamma-BHC (Lindane)

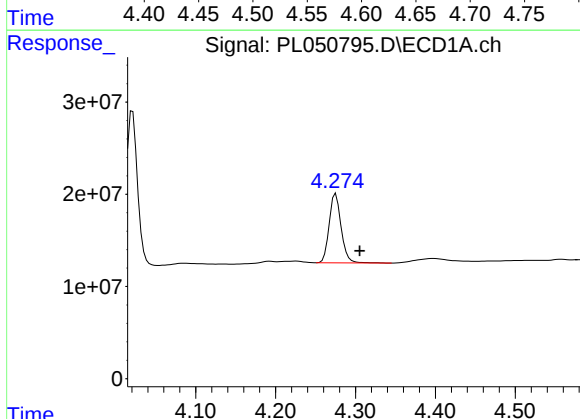
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 166962370
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



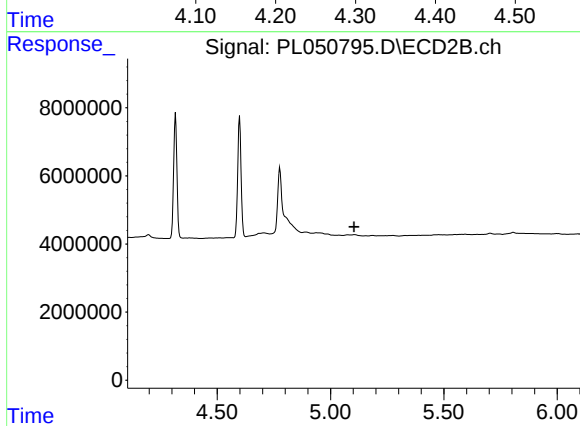
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 36474837
Conc: 9.42 ng/ml



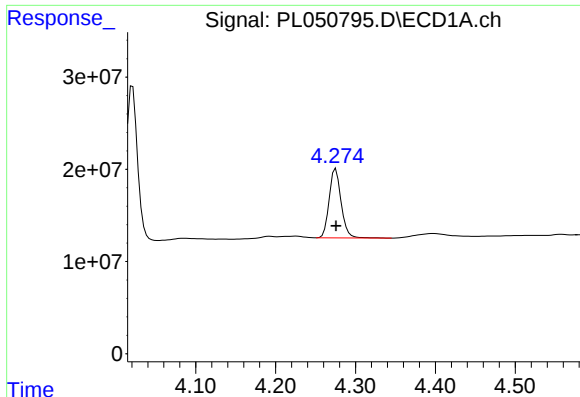
#4 Heptachlor

R.T.: 4.275 min
Delta R.T.: -0.030 min
Response: 77997841
Conc: 4.75 ng/ml



#4 Heptachlor

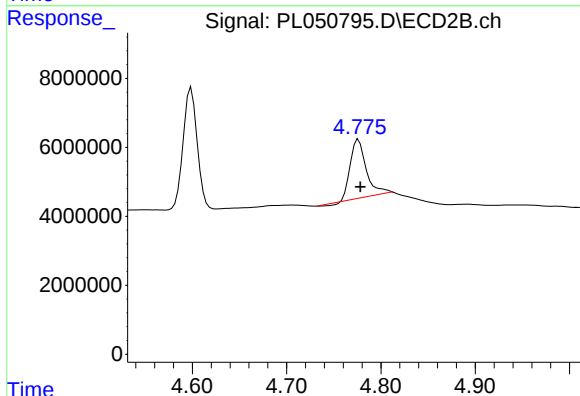
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.



#6 beta-BHC

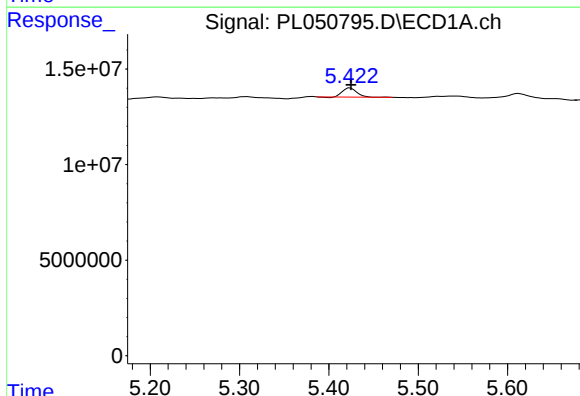
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 77997841
Conc: 11.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



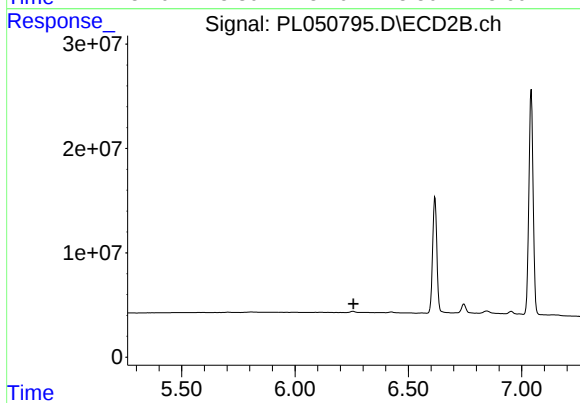
#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 19853459
Conc: 11.48 ng/ml



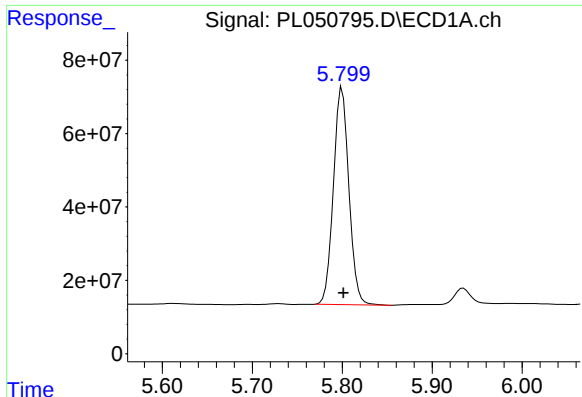
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 5299325
Conc: 0.35 ng/ml



#12 4,4'-DDE

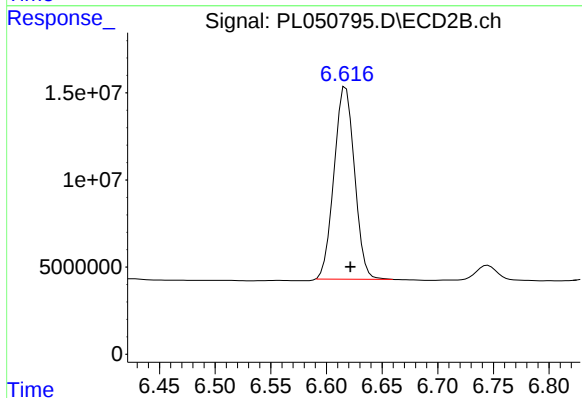
R.T.: 0.000 min
Exp R.T.: 6.258 min
Response: 0
Conc: N.D.



#14 Endrin

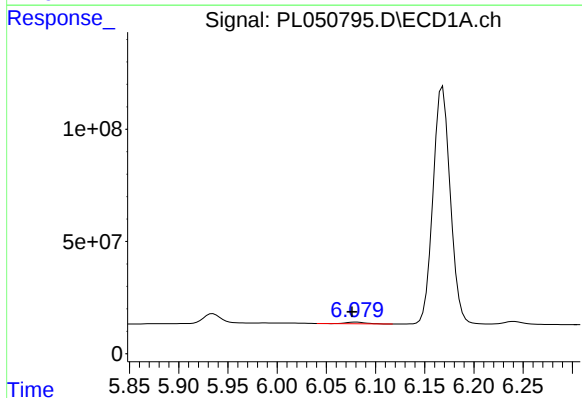
R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 707658066
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



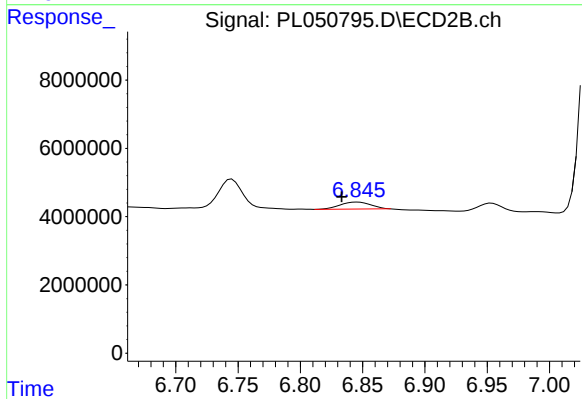
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 141313059
Conc: 45.56 ng/ml



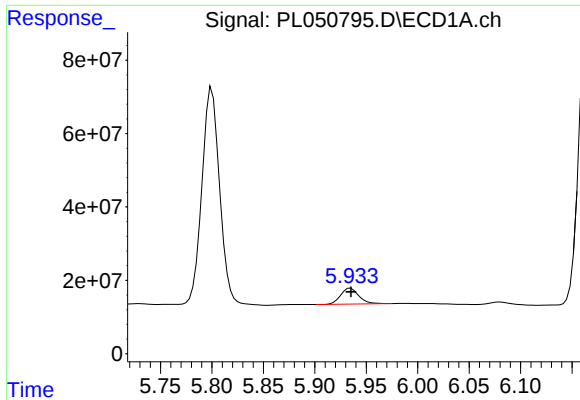
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 10443525
Conc: 0.75 ng/ml



#15 Endosulfan II

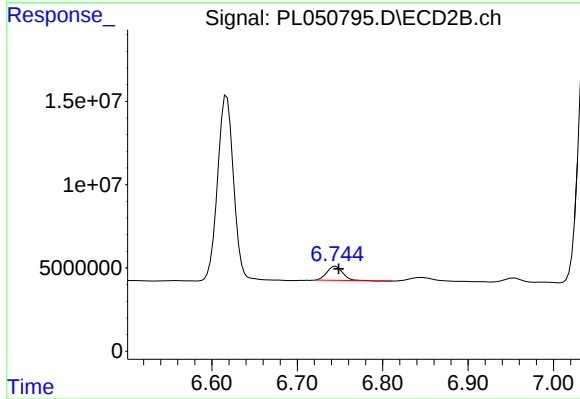
R.T.: 6.846 min
Delta R.T.: 0.013 min
Response: 3459536
Conc: 1.09 ng/ml



#16 4,4'-DDD

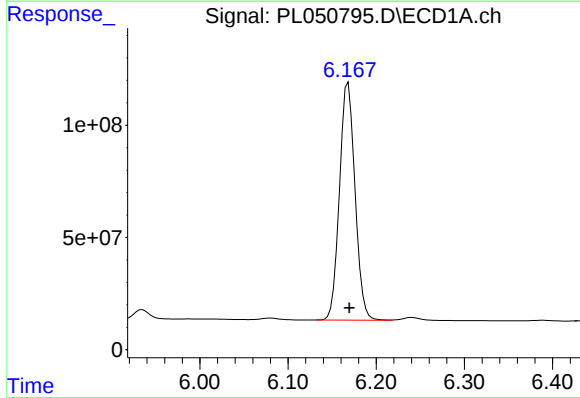
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 52951615
Conc: 4.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



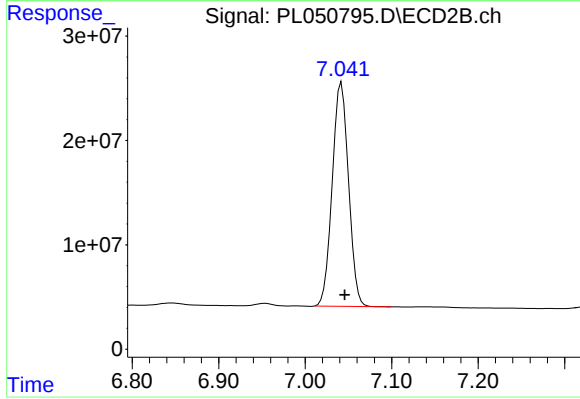
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 10856389
Conc: 4.08 ng/ml



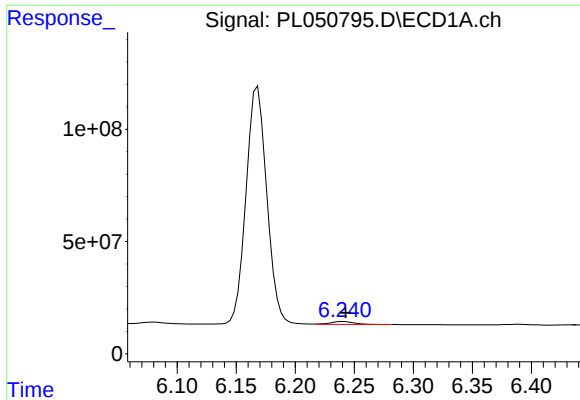
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 1294623159
Conc: 104.53 ng/ml



#17 4,4'-DDT

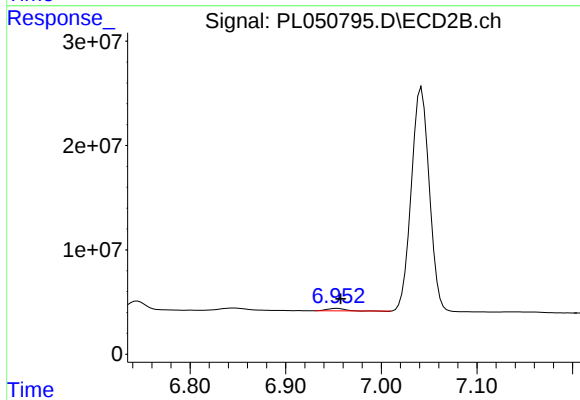
R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 279861210
Conc: 103.67 ng/ml



#18 Endrin aldehyde

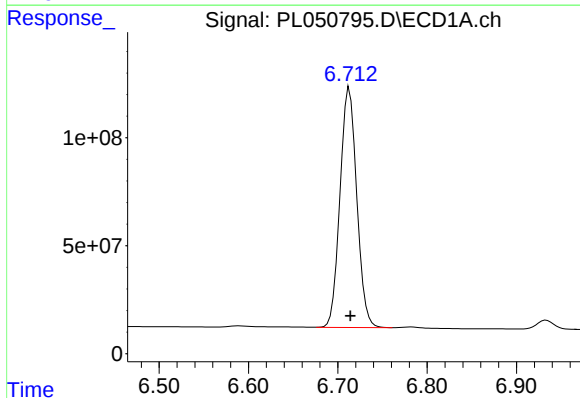
R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 17420492
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



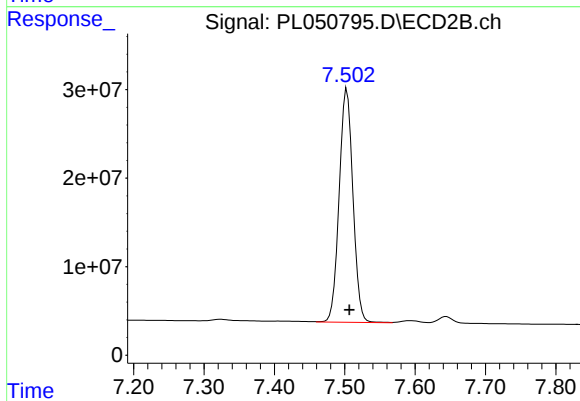
#18 Endrin aldehyde

R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 2917181
Conc: 1.07 ng/ml



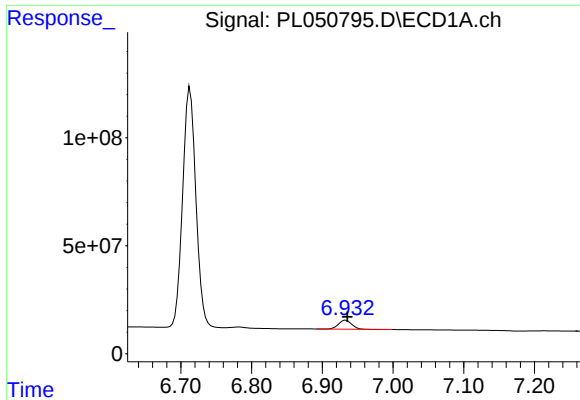
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1449616557
Conc: 232.35 ng/ml



#20 Methoxychlor

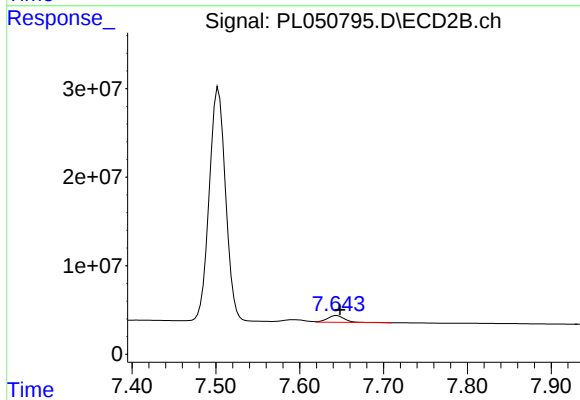
R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 358276897
Conc: 244.18 ng/ml



#21 Endrin ketone

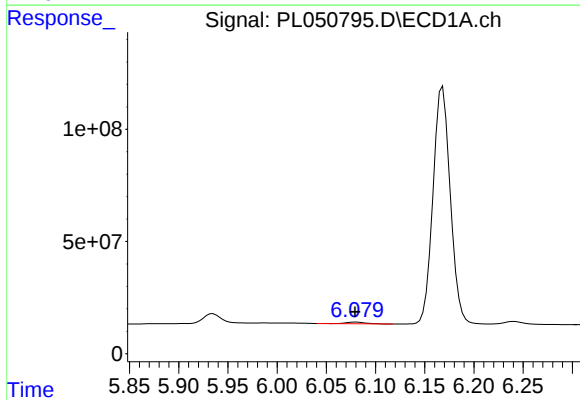
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 53083521
Conc: 3.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



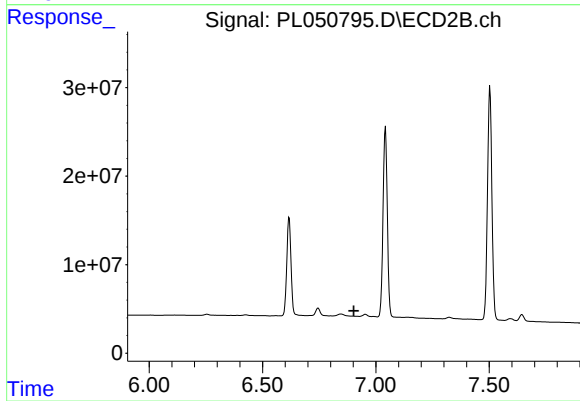
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 10628897
Conc: 3.68 ng/ml



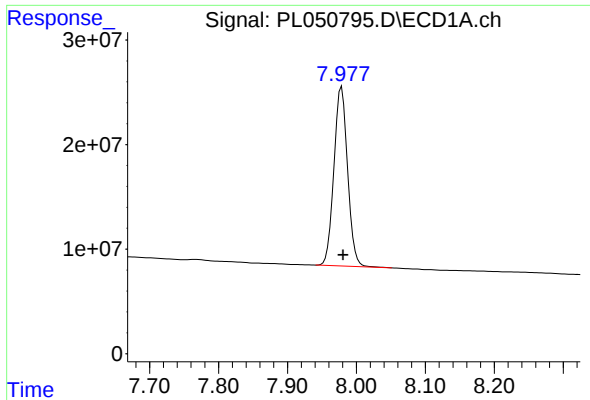
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 10443525
Conc: 20.56 ng/ml



#27 Chlordane-5

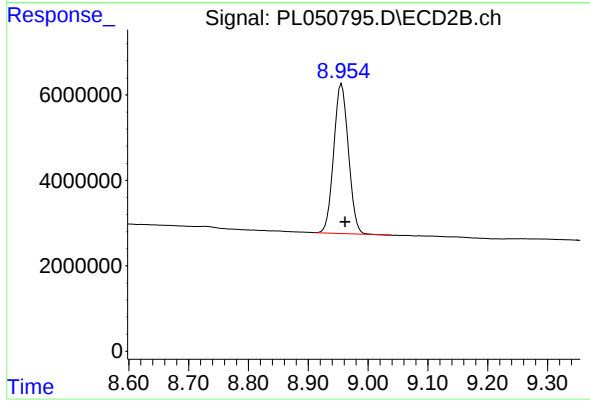
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.002 min
Response: 235886348
Conc: 23.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.006 min
Response: 59901965
Conc: 21.18 ng/ml