

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071620\
 Data File : PL059978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2020 19:47
 Operator : DD\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 17 04:53:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 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...	3.465	4.012	44417617	59623108	22.964	22.498
28)	SA Decachlor...	8.226	9.101	31083545	41917104	18.895	20.043
Target Compounds							
2)	A alpha-BHC	3.902	4.401	30108289	38685484	10.475	10.021
3)	MA gamma-BHC...	4.185	4.686	24922192	36764944	10.092	10.137
6)	B beta-BHC	4.436	4.857	12132739	16730249	11.880	11.066
8)	B Heptachlo...	0.000	5.884	0	19798506	N.D.	7.351 #
14)	MA Endrin	6.019	6.725	82143956	112.1E6	56.434	52.665
15)	B Endosulfa...	0.000	6.944	0	8152584	N.D.	3.246 #
16)	A 4,4'-DDD	6.147	6.847	8873606	18115383	5.813	7.892 #
17)	MA 4,4'-DDT	6.388	7.148	143.8E6	198.4E6	110.589	100.745
18)	B Endrin al...	6.460	7.058	1762641	3875132	1.236	1.784 #
20)	A Methoxychlor	6.935	7.607	190.1E6	259.8E6	254.146	228.883
21)	B Endrin ke...	7.163	7.754	6625330	8256093	3.530	3.197

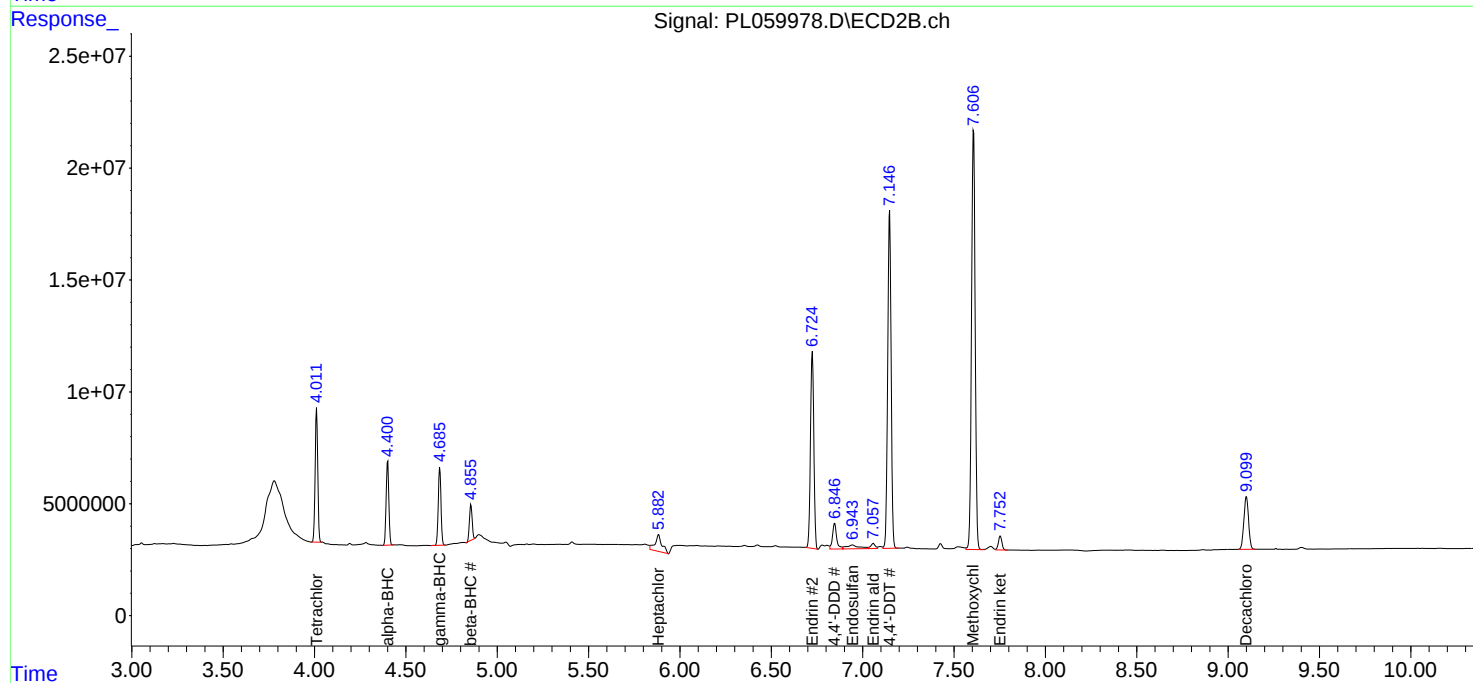
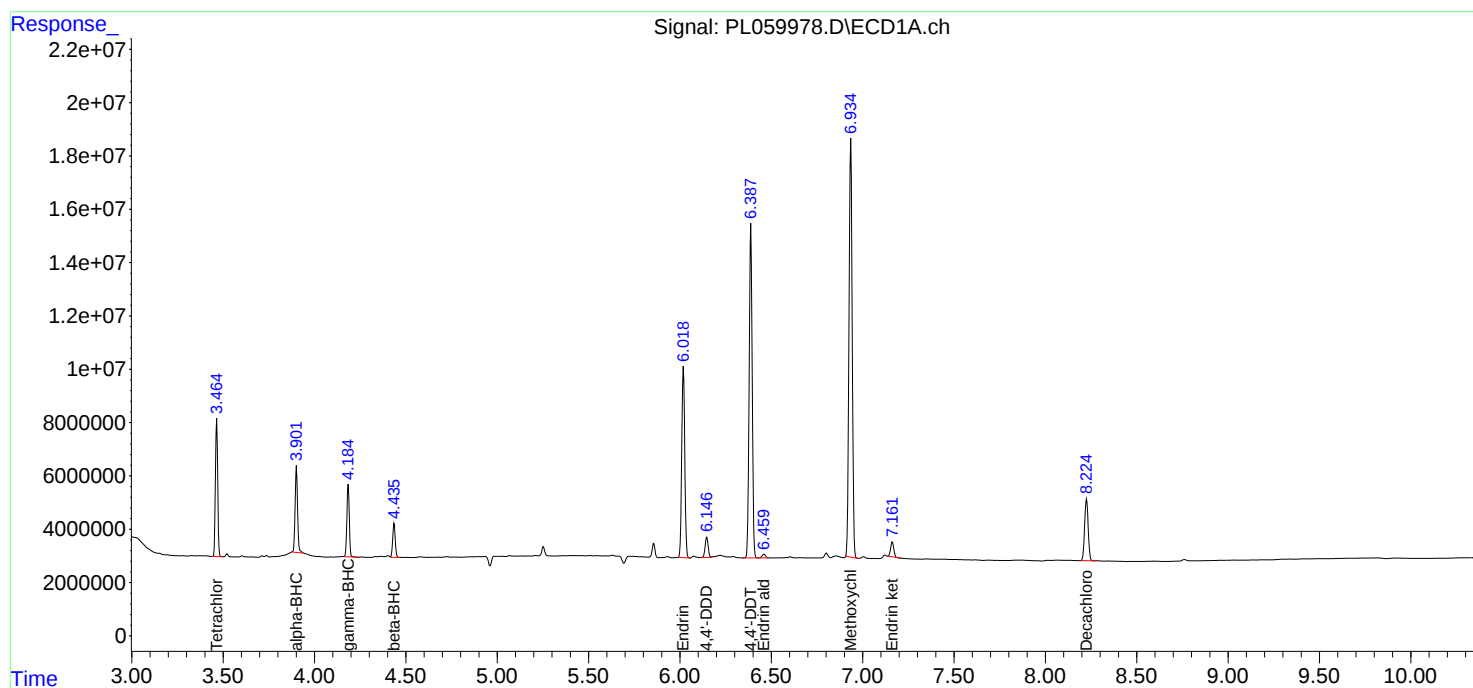
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

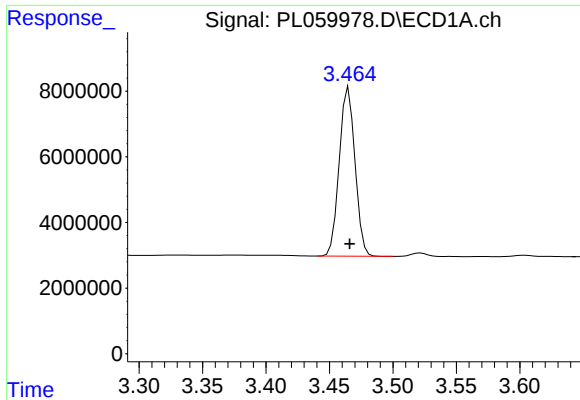
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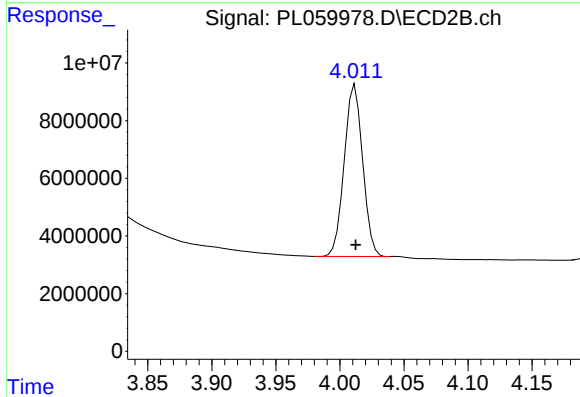




#1 Tetrachloro-m-xylene

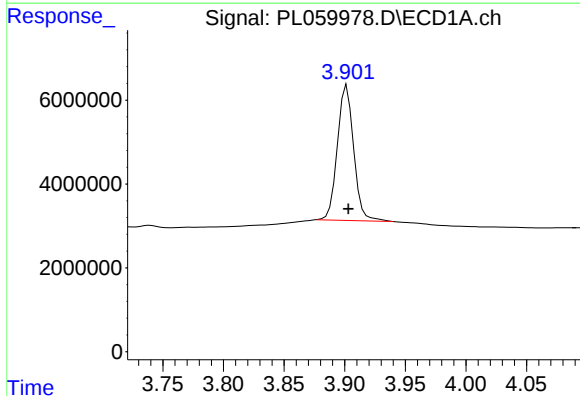
R.T.: 3.465 min
Delta R.T.: 0.000 min
Response: 44417617
Conc: 22.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



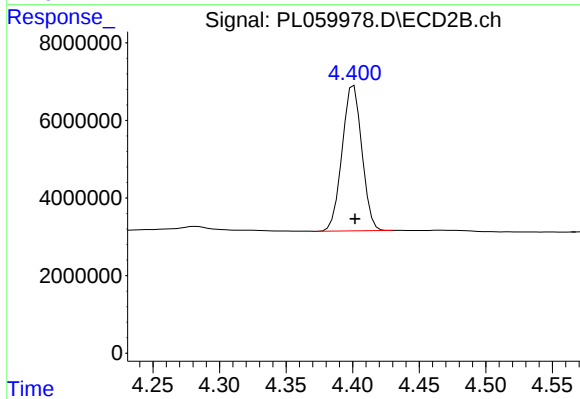
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 59623108
Conc: 22.50 ng/ml



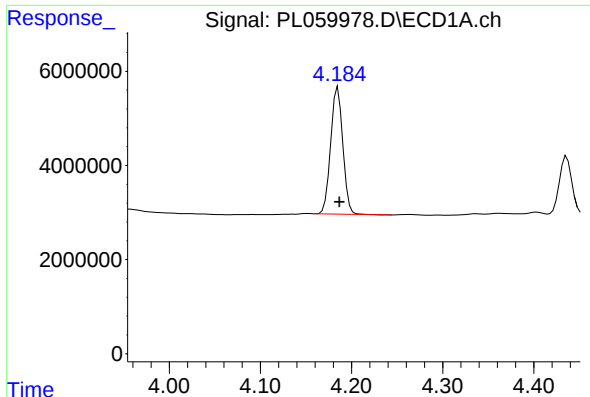
#2 alpha-BHC

R.T.: 3.902 min
Delta R.T.: -0.001 min
Response: 30108289
Conc: 10.47 ng/ml



#2 alpha-BHC

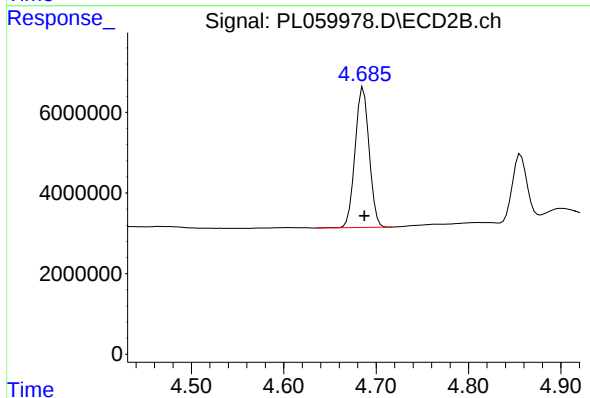
R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 38685484
Conc: 10.02 ng/ml



#3 gamma-BHC (Lindane)

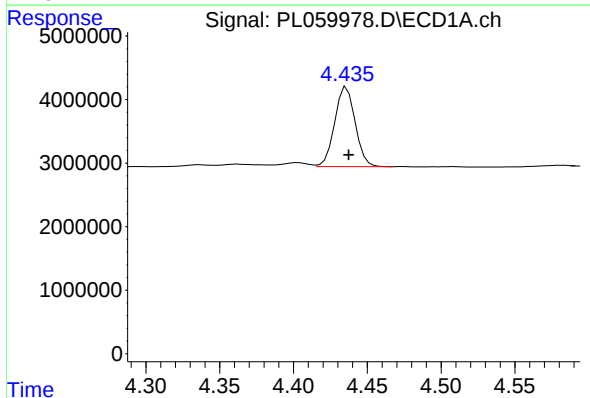
R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 24922192
Conc: 10.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



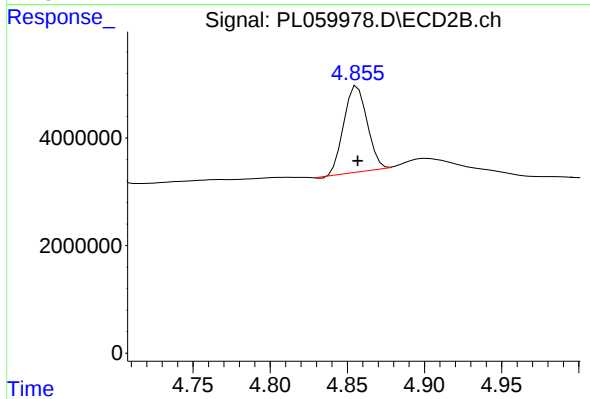
#3 gamma-BHC (Lindane)

R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 36764944
Conc: 10.14 ng/ml



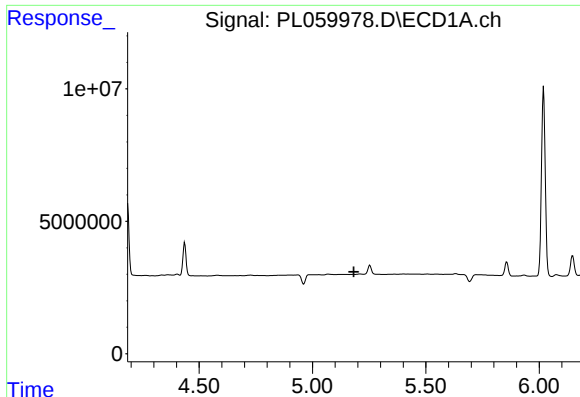
#6 beta-BHC

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 12132739
Conc: 11.88 ng/ml



#6 beta-BHC

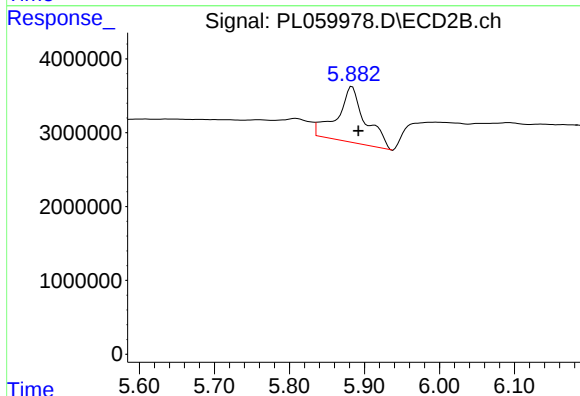
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 16730249
Conc: 11.07 ng/ml



#8 Heptachlor epoxide

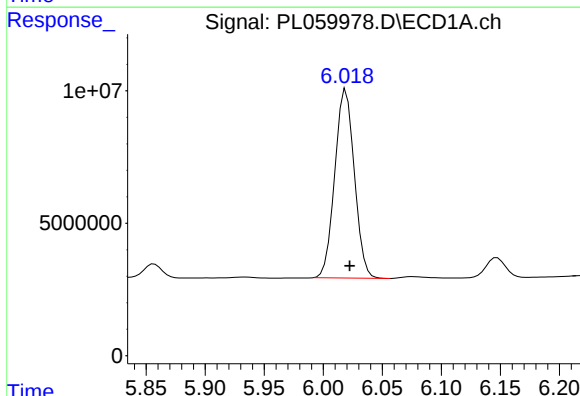
R.T.: 0.000 min
Exp R.T.: 5.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



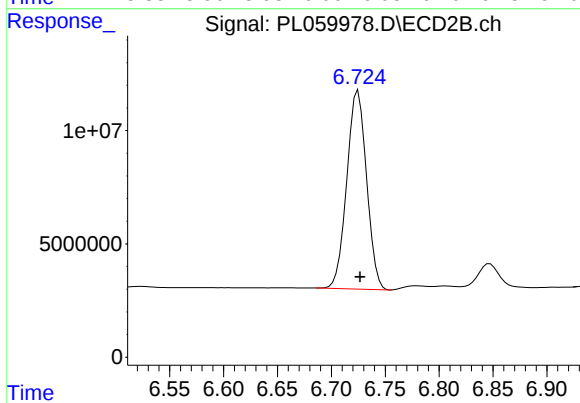
#8 Heptachlor epoxide

R.T.: 5.884 min
Delta R.T.: -0.009 min
Response: 19798506
Conc: 7.35 ng/ml



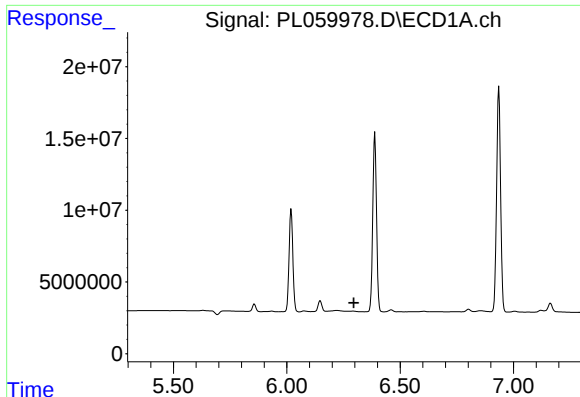
#14 Endrin

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 82143956
Conc: 56.43 ng/ml



#14 Endrin

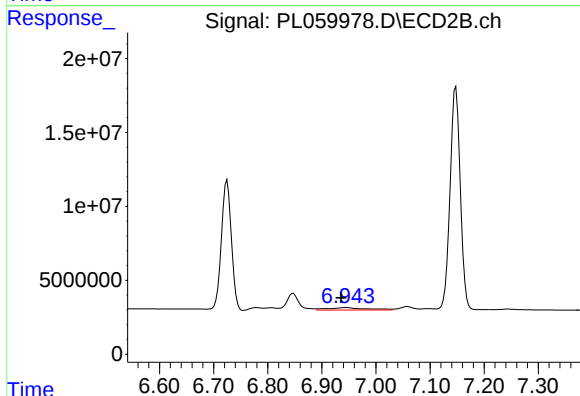
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 112077063
Conc: 52.67 ng/ml



#15 Endosulfan II

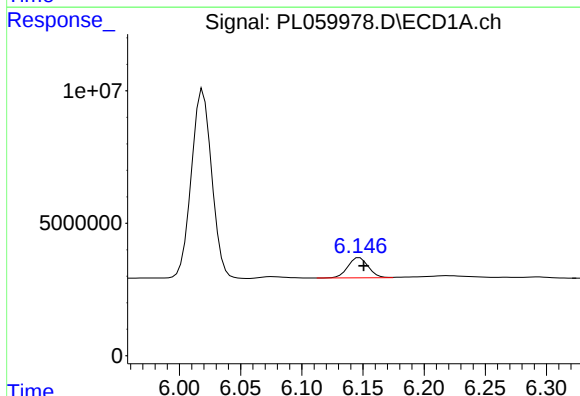
R.T.: 0.000 min
Exp R.T.: 6.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



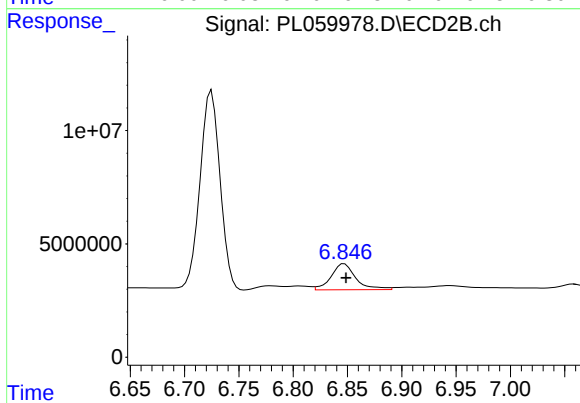
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.009 min
Response: 8152584
Conc: 3.25 ng/ml



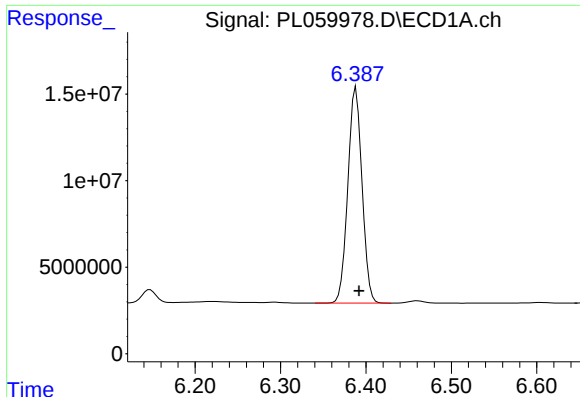
#16 4,4'-DDD

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 8873606
Conc: 5.81 ng/ml



#16 4,4'-DDD

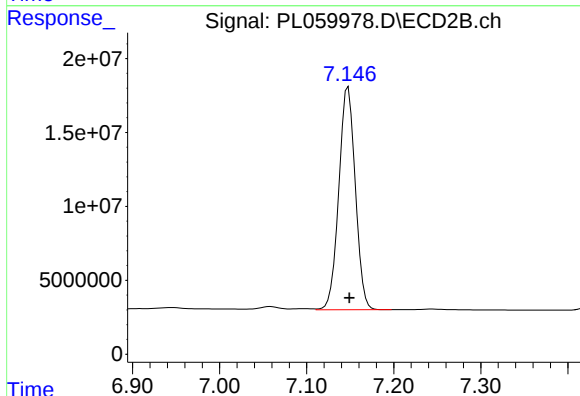
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 18115383
Conc: 7.89 ng/ml



#17 4,4'-DDT

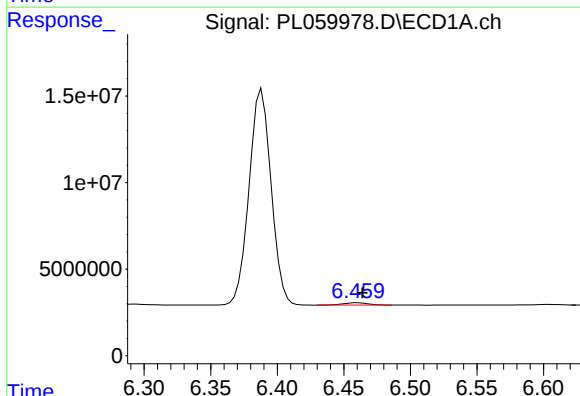
R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 143785030
Conc: 110.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



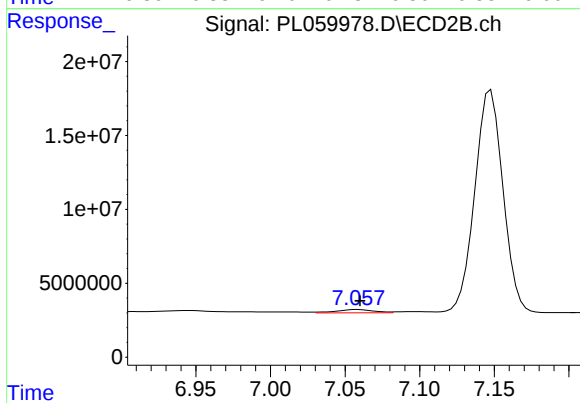
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 198372184
Conc: 100.75 ng/ml



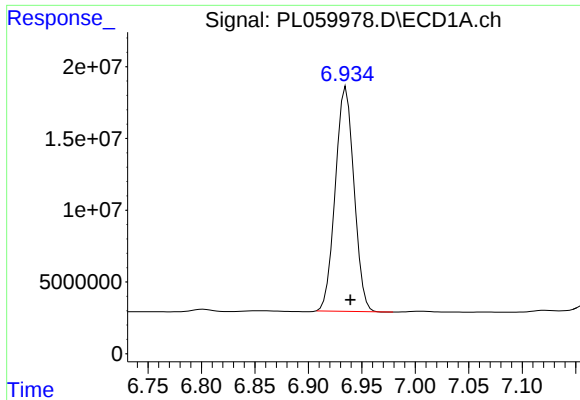
#18 Endrin aldehyde

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 1762641
Conc: 1.24 ng/ml



#18 Endrin aldehyde

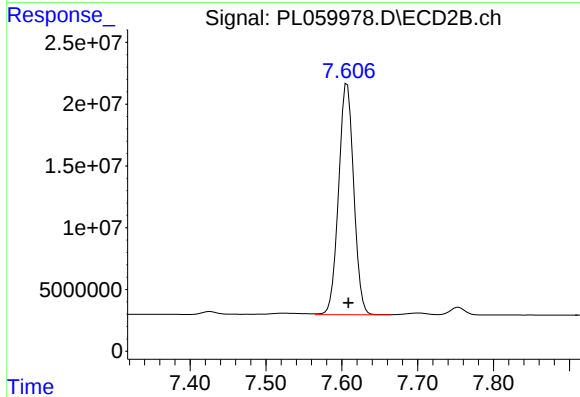
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 3875132
Conc: 1.78 ng/ml



#20 Methoxychlor

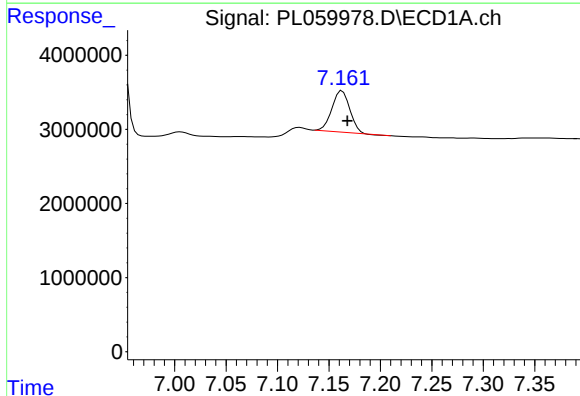
R.T.: 6.935 min
Delta R.T.: -0.004 min
Response: 190097023
Conc: 254.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



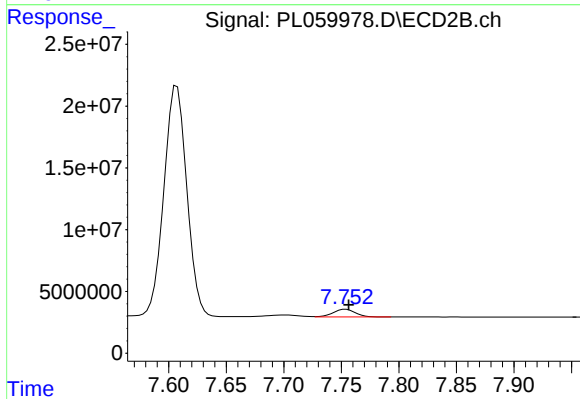
#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 259836482
Conc: 228.88 ng/ml



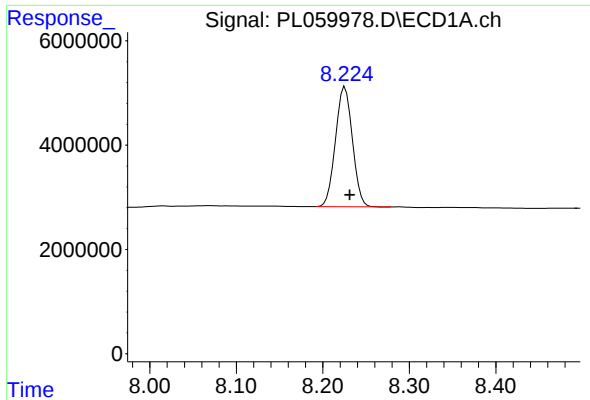
#21 Endrin ketone

R.T.: 7.163 min
Delta R.T.: -0.005 min
Response: 6625330
Conc: 3.53 ng/ml



#21 Endrin ketone

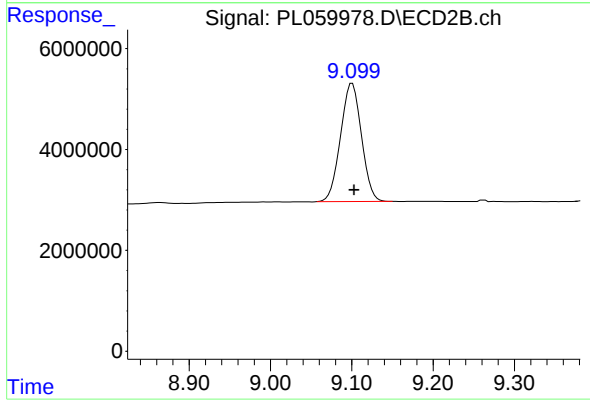
R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 8256093
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 31083545
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.002 min
Response: 41917104
Conc: 20.04 ng/ml