

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010719\
 Data File : PL043641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2019 12:00
 Operator : AJ\SJ
 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 08 00:13:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010319.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 04 06:12:42 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.463	4.098	128.7E6	60857432	20.141	20.828
28)	SA Decachlor...	8.196	9.226	125.1E6	50177108	24.834	22.698
Target Compounds							
2)	A alpha-BHC	3.901	4.493	87634169	40382296	9.060	9.554
3)	MA gamma-BHC...	4.184	4.781	79017586	38644737	9.048	9.710
4)	MA Heptachlor	4.439f	0.000	36965568	0	4.137	N.D. #
6)	B beta-BHC	4.439	4.952	36965568	16715319	10.103	9.980
8)	B Heptachlo...	0.000	6.005	0	1176918	N.D.	0.322 #
12)	B 4,4'-DDE	5.615	0.000	1807100	0	0.272	N.D. #
14)	MA Endrin	6.003	6.831	294.9E6	121.5E6	48.279	48.102
15)	B Endosulfa...	6.277	7.041	2924535	1898266	0.500	0.735 #
16)	A 4,4'-DDD	6.132	6.948	17217220	9263875	3.250	3.744
17)	MA 4,4'-DDT	6.370	7.249	557.1E6	246.8E6	110.401	110.471
18)	B Endrin al...	6.446	7.165	10495014	3454505	2.087	1.624
20)	A Methoxychlor	6.916	7.705	761.7E6	304.2E6	275.846	270.150
21)	B Endrin ke...	7.147	7.862	26029298	8319281	4.013	3.341
23)	Chlordane-1	4.359	0.000	1421340	0	5.280	N.D. #
24)	Chlordane-2	0.000	5.541	0	1017404	N.D.	8.239 #
27)	Chlordane-5	6.277	7.165	2924535	3454505	13.791	37.509 #

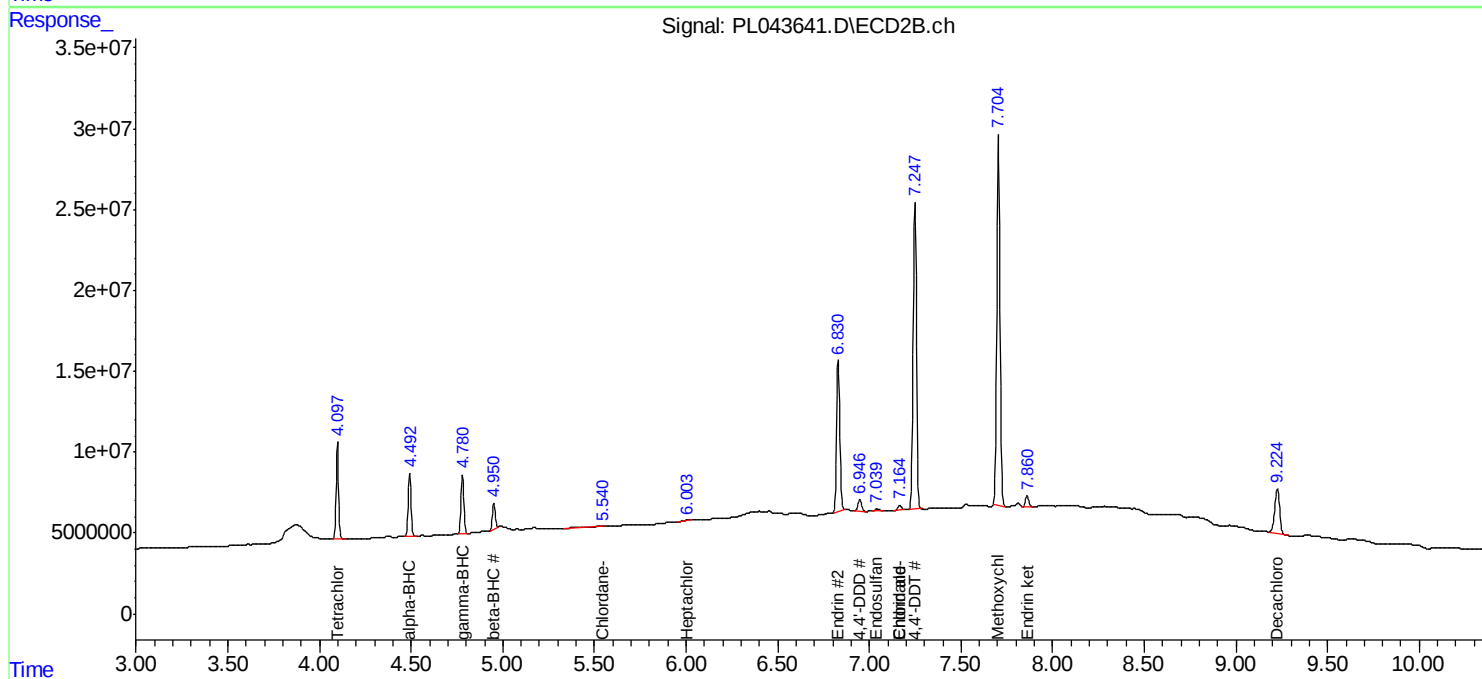
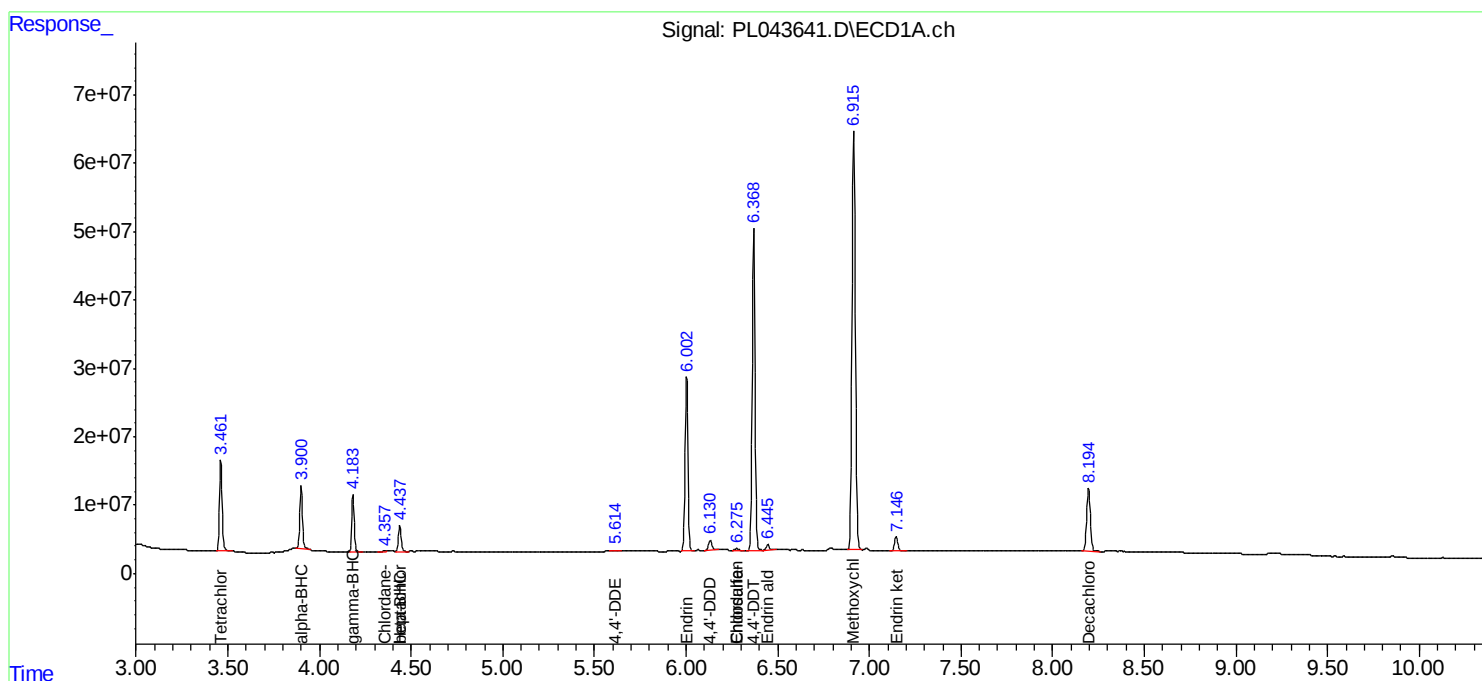
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

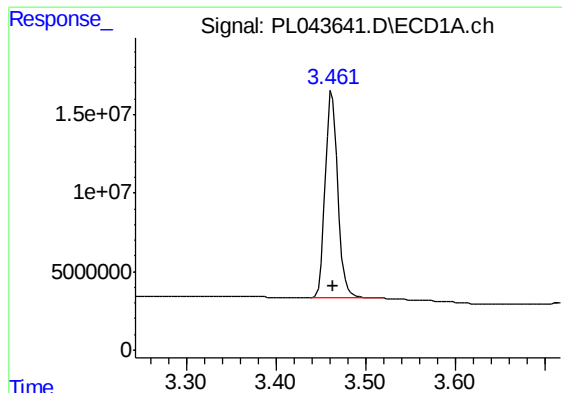
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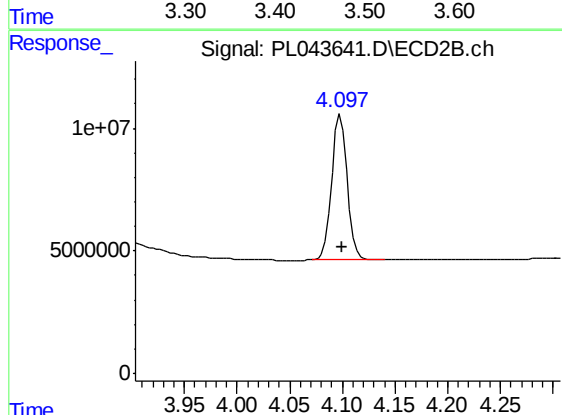




#1 Tetrachloro-m-xylene

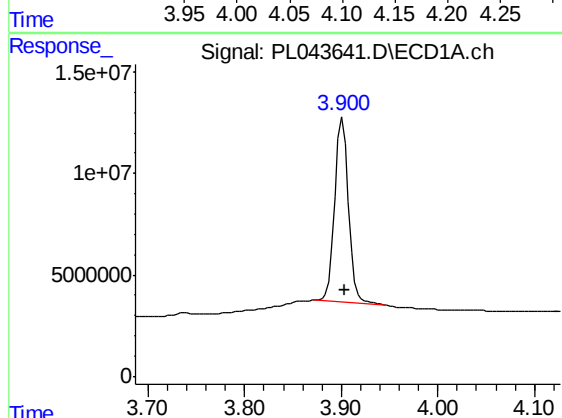
R.T.: 3.463 min
Delta R.T.: -0.001 min
Response: 128683679
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



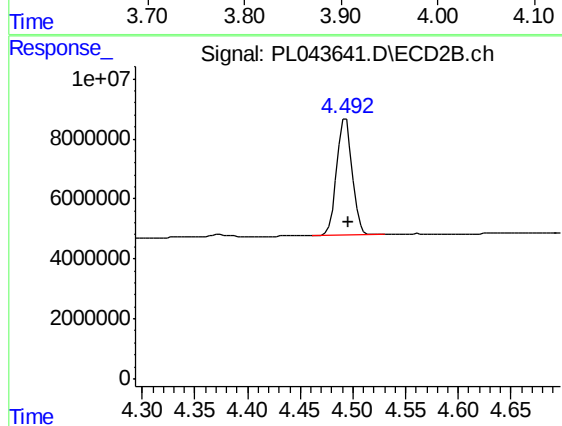
#1 Tetrachloro-m-xylene

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 60857432
Conc: 20.83 ng/ml



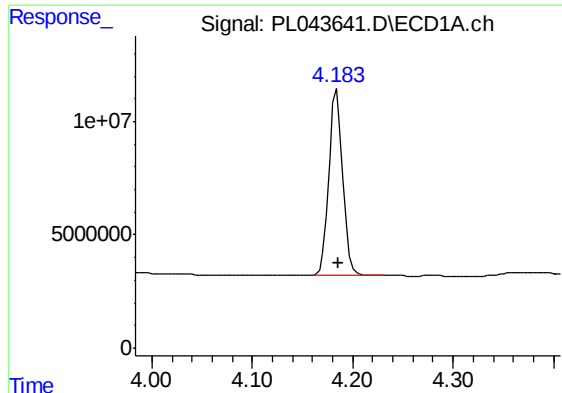
#2 alpha-BHC

R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 87634169
Conc: 9.06 ng/ml



#2 alpha-BHC

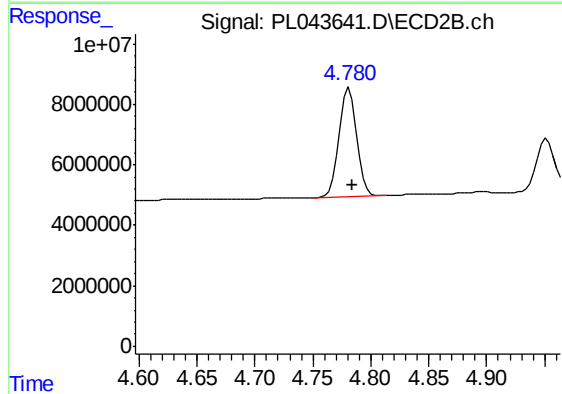
R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 40382296
Conc: 9.55 ng/ml



#3 gamma-BHC (Lindane)

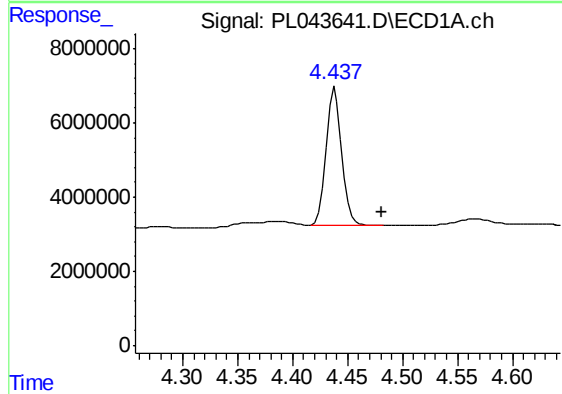
R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 79017586
Conc: 9.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



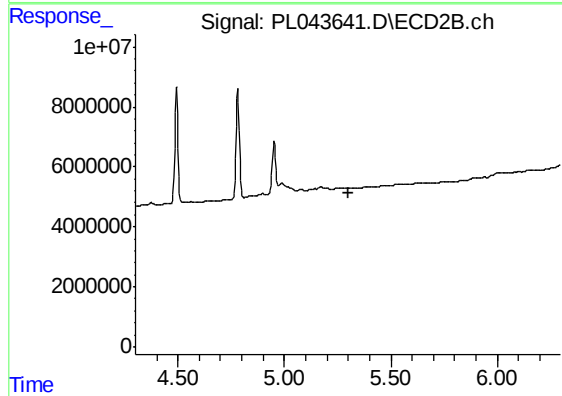
#3 gamma-BHC (Lindane)

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 38644737
Conc: 9.71 ng/ml



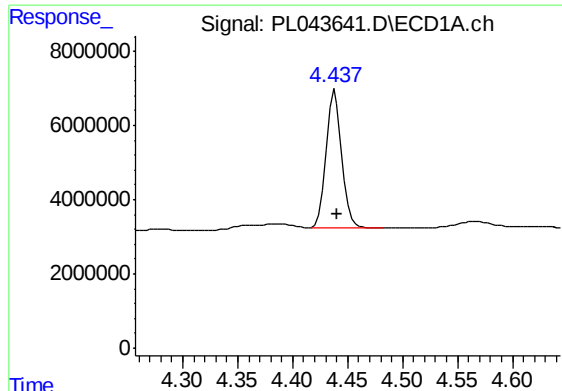
#4 Heptachlor

R.T.: 4.439 min
Delta R.T.: -0.042 min
Response: 36965568
Conc: 4.14 ng/ml



#4 Heptachlor

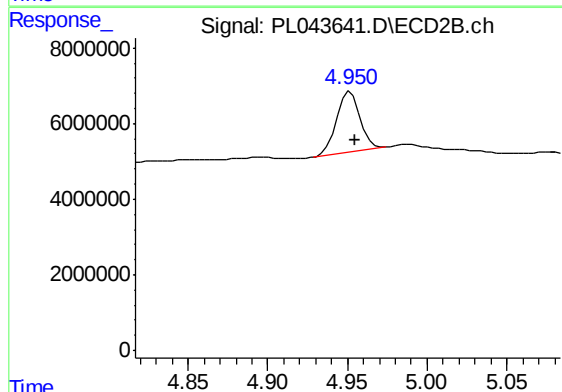
R.T.: 0.000 min
Exp R.T. : 5.300 min
Response: 0
Conc: N.D.



#6 beta-BHC

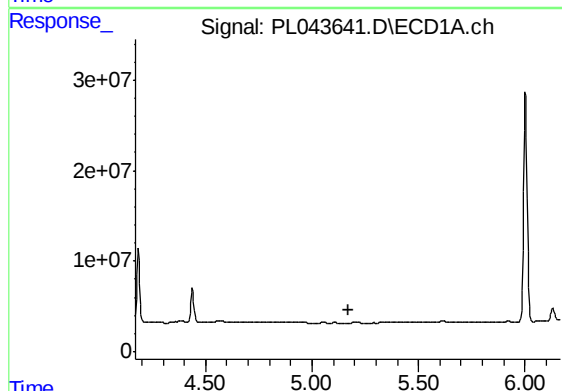
R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 36965568
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



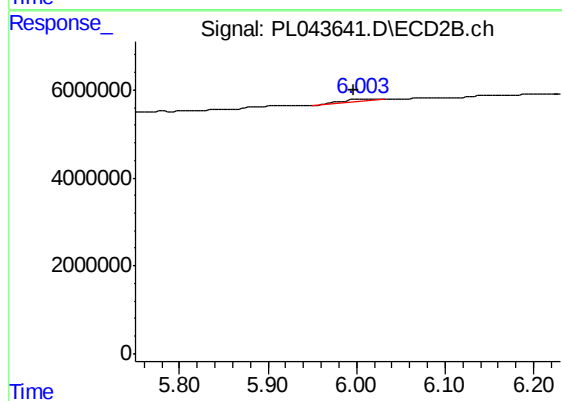
#6 beta-BHC

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 16715319
Conc: 9.98 ng/ml



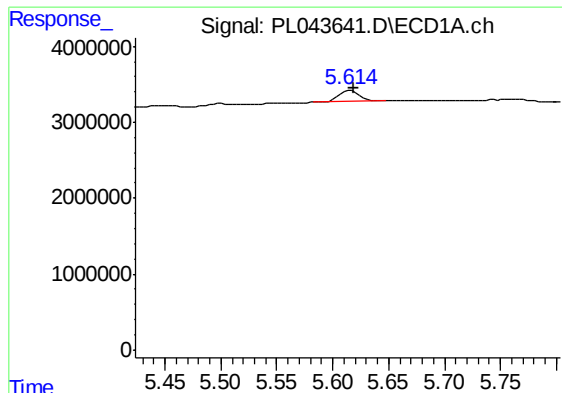
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.170 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

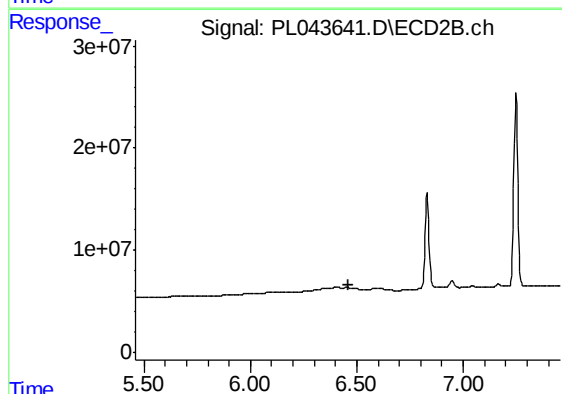
R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 1176918
Conc: 0.32 ng/ml



#12 4,4'-DDE

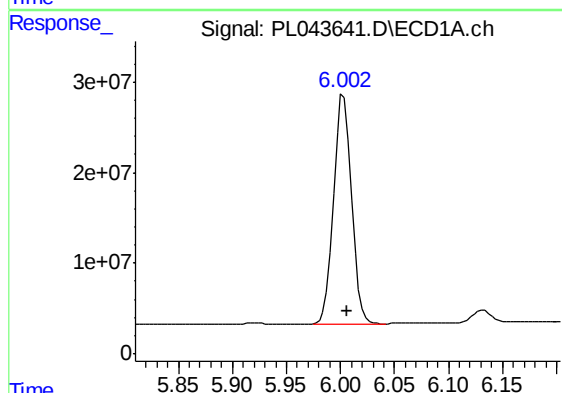
R.T.: 5.615 min
Delta R.T.: -0.004 min
Response: 1807100
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



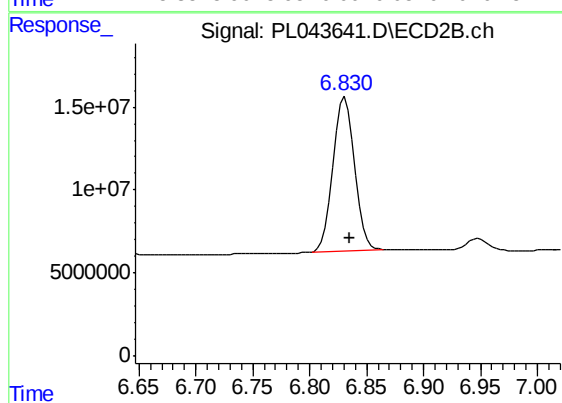
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.460 min
Response: 0
Conc: N.D.



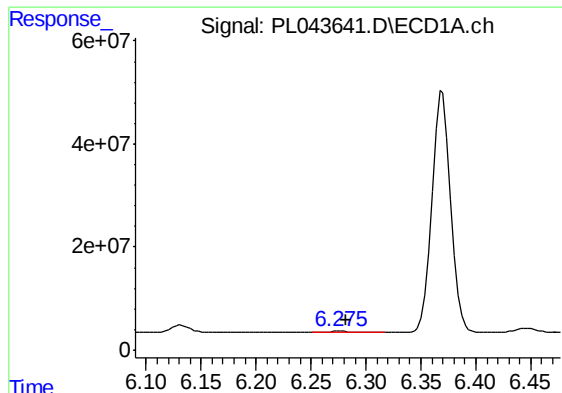
#14 Endrin

R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 294898580
Conc: 48.28 ng/ml



#14 Endrin

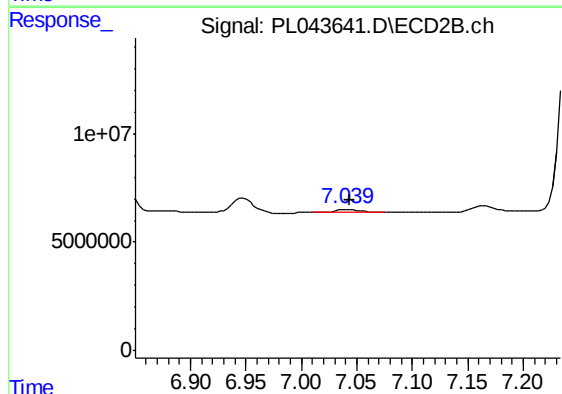
R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 121527954
Conc: 48.10 ng/ml



#15 Endosulfan II

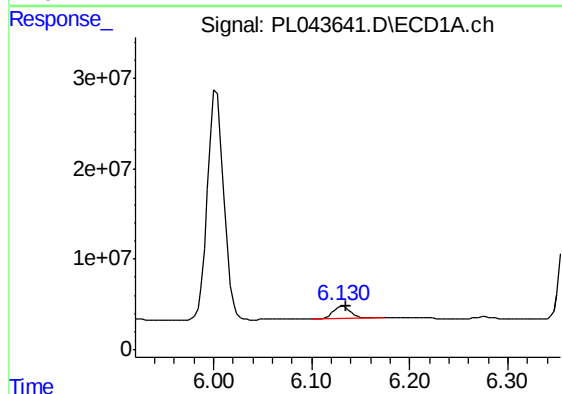
R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 2924535
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



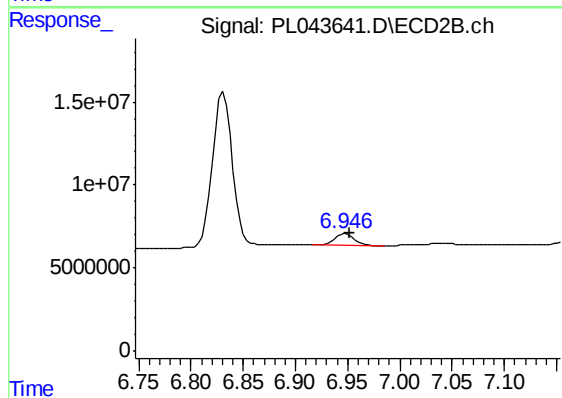
#15 Endosulfan II

R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 1898266
Conc: 0.74 ng/ml



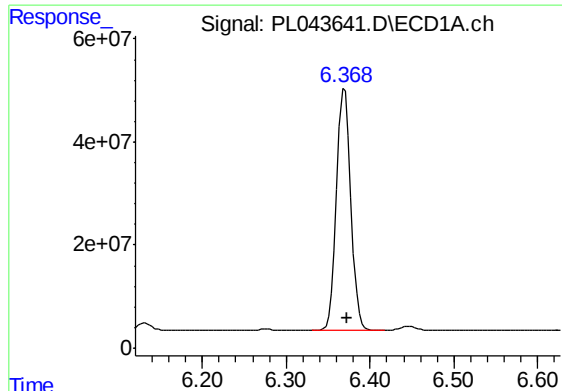
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 17217220
Conc: 3.25 ng/ml



#16 4,4'-DDD

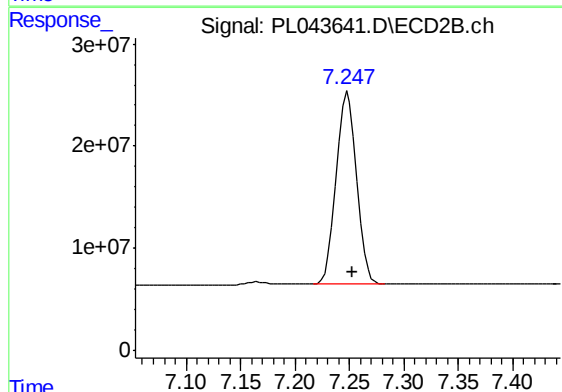
R.T.: 6.948 min
Delta R.T.: -0.005 min
Response: 9263875
Conc: 3.74 ng/ml



#17 4,4'-DDT

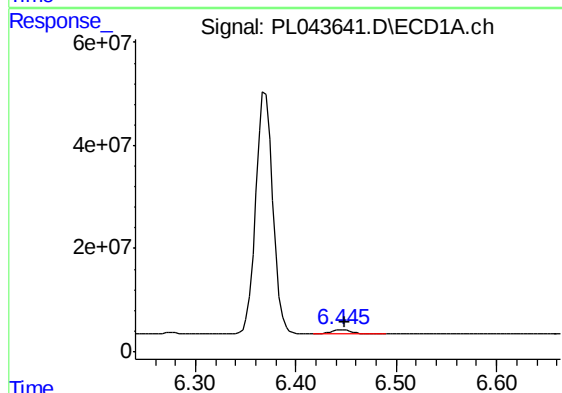
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 557109760
Conc: 110.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



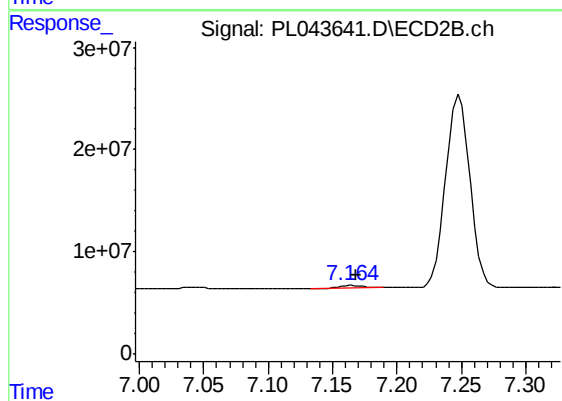
#17 4,4'-DDT

R.T.: 7.249 min
Delta R.T.: -0.004 min
Response: 246755781
Conc: 110.47 ng/ml



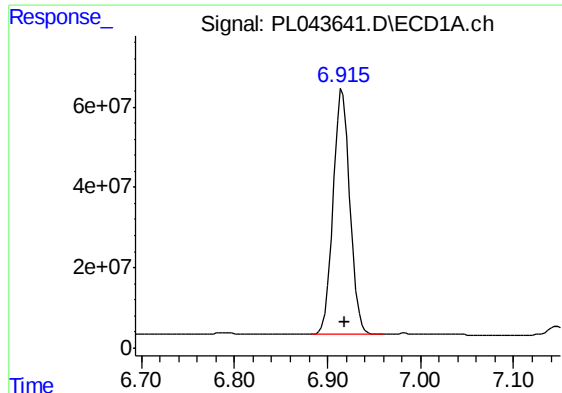
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 10495014
Conc: 2.09 ng/ml



#18 Endrin aldehyde

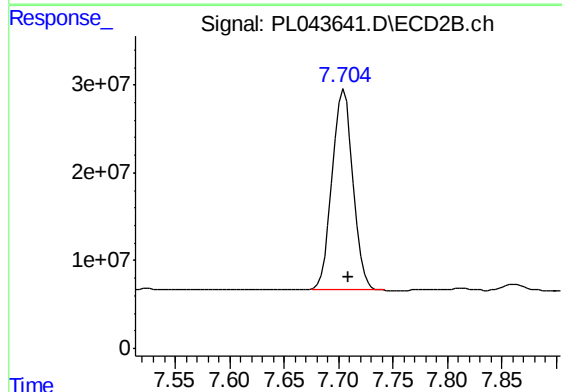
R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 3454505
Conc: 1.62 ng/ml



#20 Methoxychlor

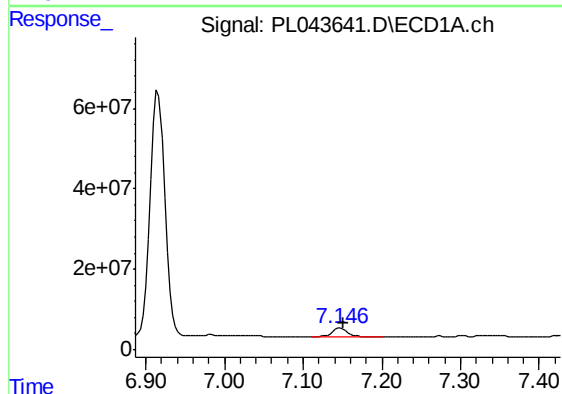
R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 761651274
Conc: 275.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



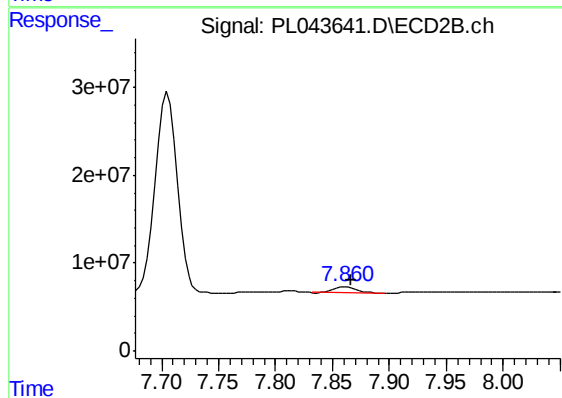
#20 Methoxychlor

R.T.: 7.705 min
Delta R.T.: -0.004 min
Response: 304177062
Conc: 270.15 ng/ml



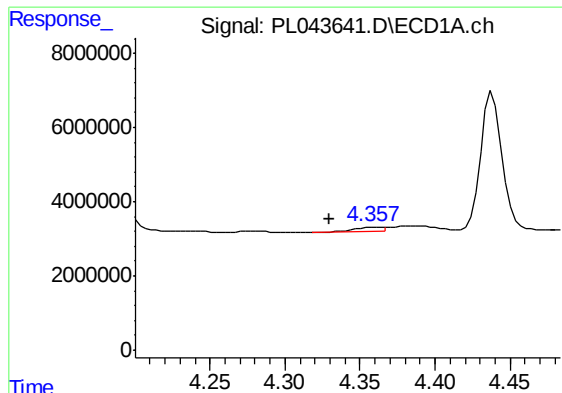
#21 Endrin ketone

R.T.: 7.147 min
Delta R.T.: -0.004 min
Response: 26029298
Conc: 4.01 ng/ml



#21 Endrin ketone

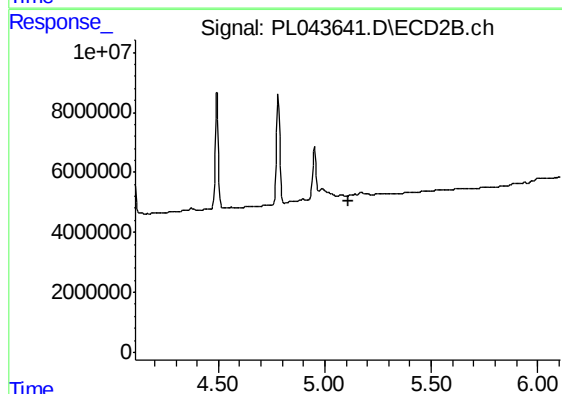
R.T.: 7.862 min
Delta R.T.: -0.005 min
Response: 8319281
Conc: 3.34 ng/ml



#23 Chlordane-1

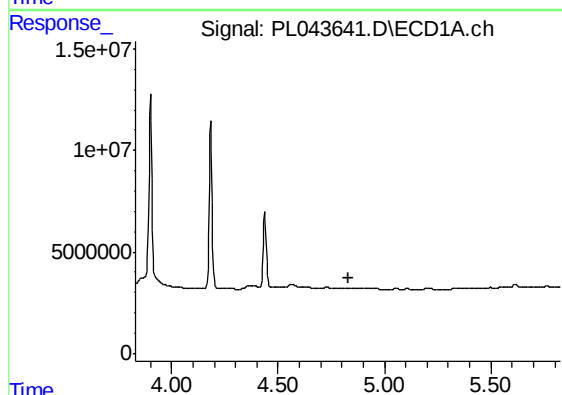
R.T.: 4.359 min
Delta R.T.: 0.029 min
Response: 1421340
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



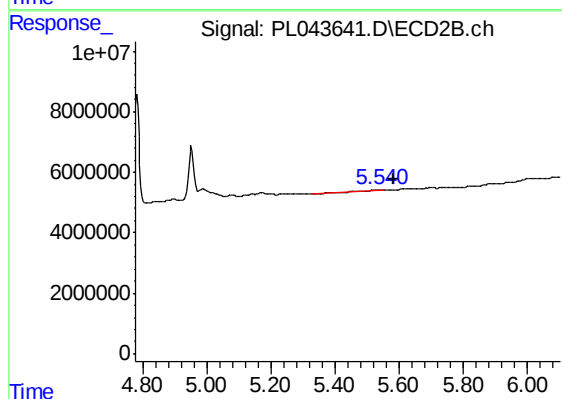
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



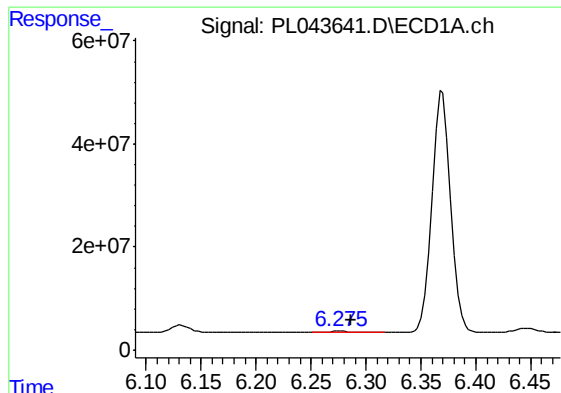
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.829 min
Response: 0
Conc: N.D.



#24 Chlordane-2

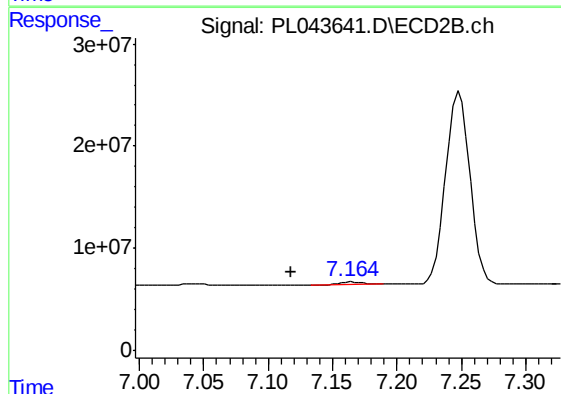
R.T.: 5.541 min
Delta R.T.: -0.040 min
Response: 1017404
Conc: 8.24 ng/ml



#27 Chlordane-5

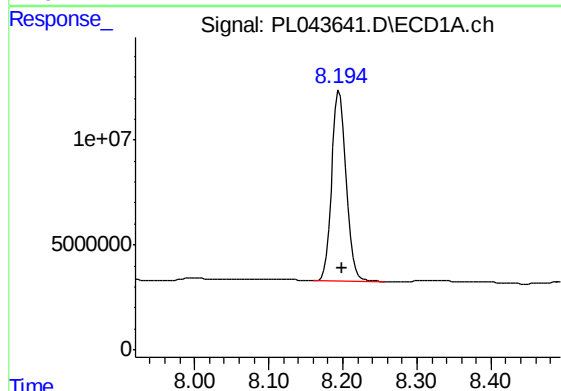
R.T.: 6.277 min
Delta R.T.: -0.010 min
Response: 2924535
Conc: 13.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



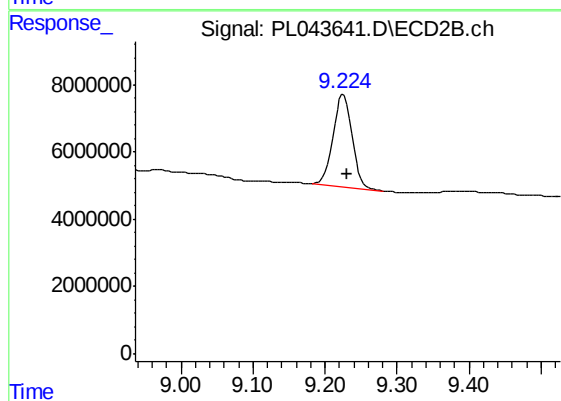
#27 Chlordane-5

R.T.: 7.165 min
Delta R.T.: 0.048 min
Response: 3454505
Conc: 37.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 125145244
Conc: 24.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.226 min
Delta R.T.: -0.005 min
Response: 50177108
Conc: 22.70 ng/ml