

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091924\
 Data File : PL091845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2024 11:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/20/2024
 Supervised By : Ankita Jodhani 09/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 03:23:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 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...	3.542	2.780	40214888	44269048	25.802	23.669
28)	SA Decachlor...	9.060	7.923	30800851	45565116	25.344	24.676
Target Compounds							
2)	A alpha-BHC	3.996	3.283	28388414	29740601	13.143m	11.183
3)	MA gamma-BHC...	4.328	3.613	26752797	28064276	13.014m	11.411m
6)	B beta-BHC	4.527	3.912	12541098	13399264	13.781	12.265m
12)	B 4,4'-DDE	6.197	5.241	267883	209174	0.184m	0.110m#
14)	MA Endrin	6.579	5.646	78606325	103.0E6	59.116	54.588
16)	A 4,4'-DDD	6.713	5.794	7125451	7677840	5.621	4.582
17)	MA 4,4'-DDT	7.028	6.045	155.9E6	206.5E6	118.842	128.499
18)	B Endrin al...	6.926	6.120	2957054	3561466	2.489m	2.605
20)	A Methoxychlor	7.503	6.620	208.3E6	270.2E6	307.913	305.074
21)	B Endrin ke...	7.645	6.849	6774668	8536319	4.381m	4.244

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

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Acq On : 19 Sep 2024 11:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

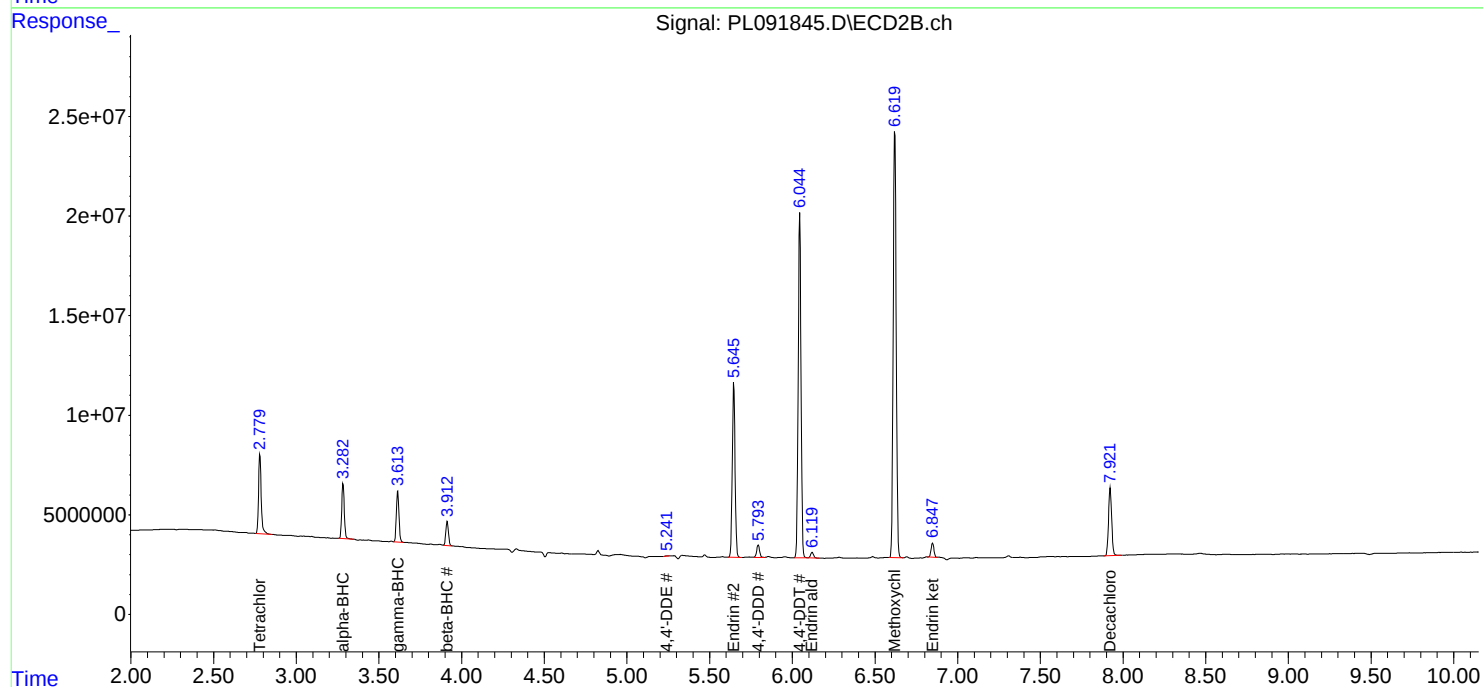
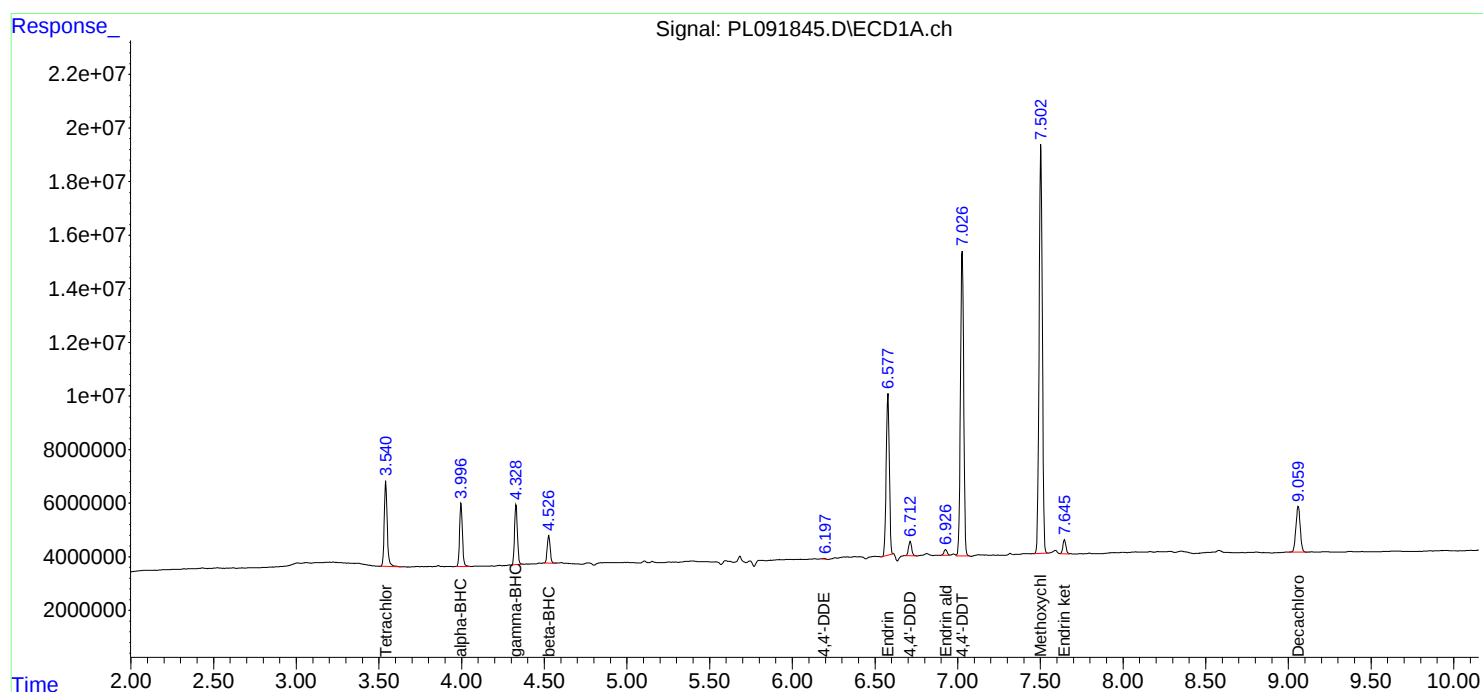
Instrument :
ECD_L
ClientSampleId :
PEM

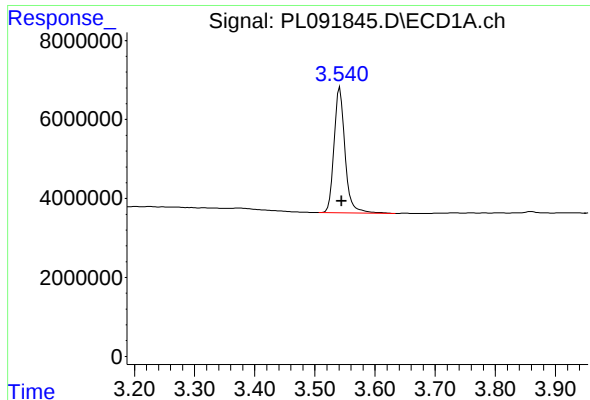
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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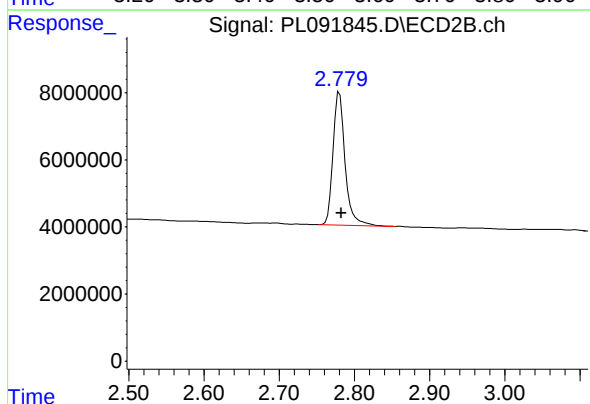
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 40214888
Conc: 25.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

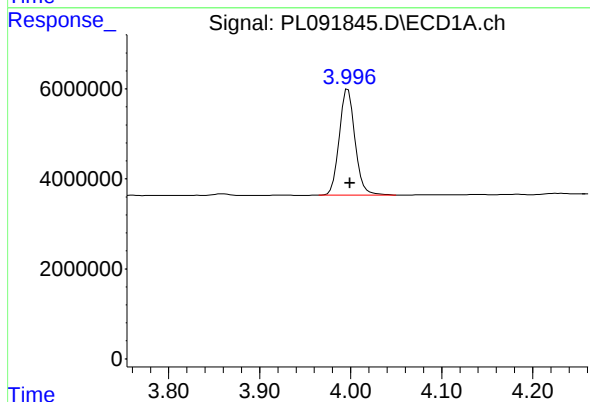
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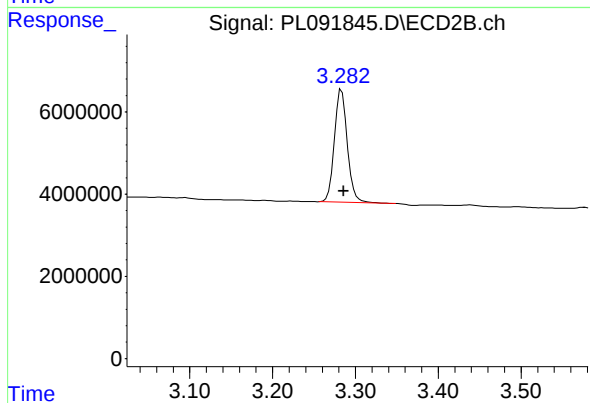
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 44269048
Conc: 23.67 ng/ml



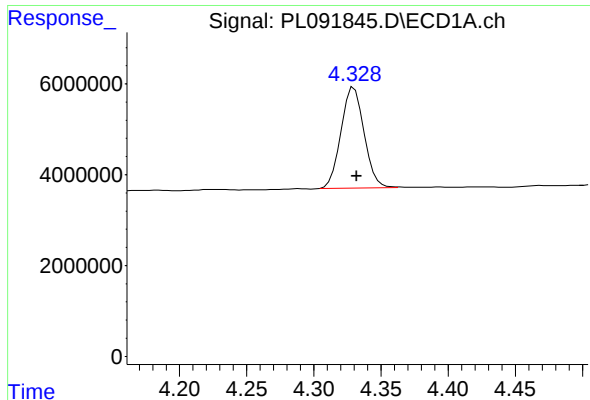
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 28388414
Conc: 13.14 ng/ml m



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 29740601
Conc: 11.18 ng/ml



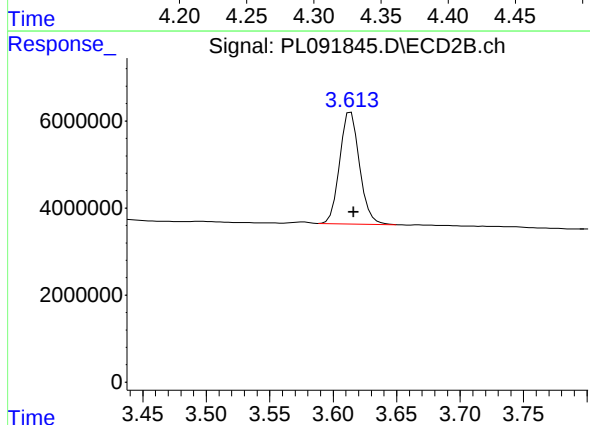
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 26752797
Conc: 13.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

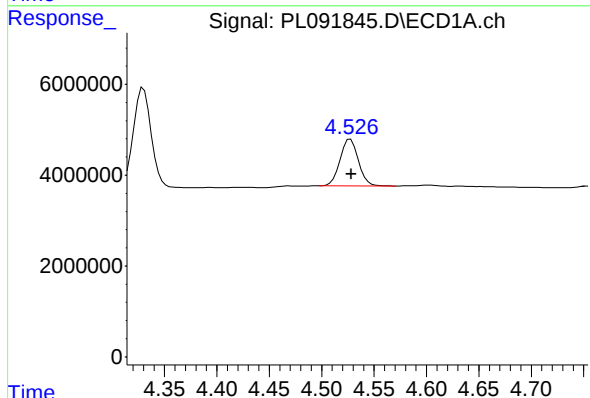
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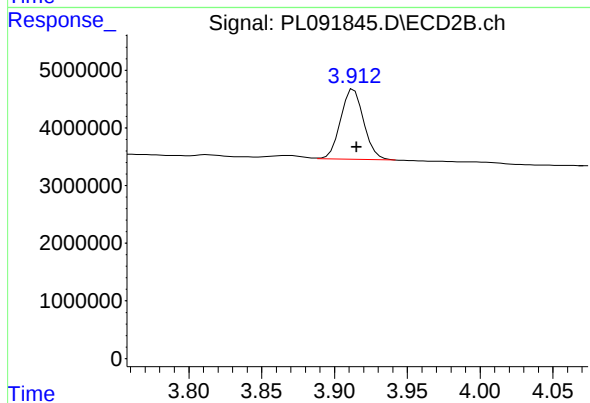
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.004 min
Response: 28064276
Conc: 11.41 ng/ml



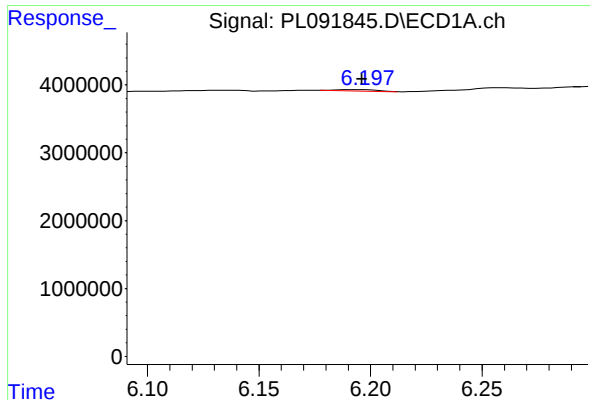
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 12541098
Conc: 13.78 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 13399264
Conc: 12.27 ng/ml



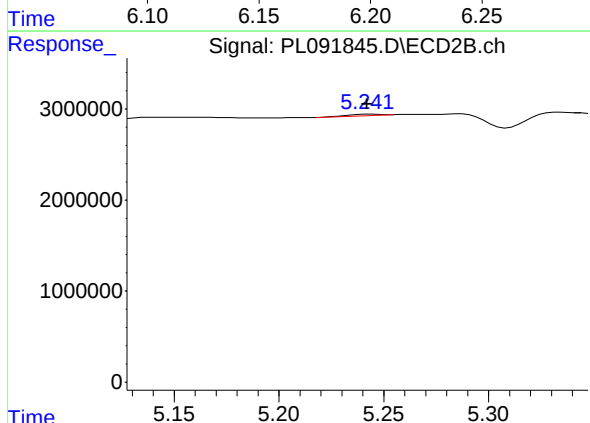
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 267883
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

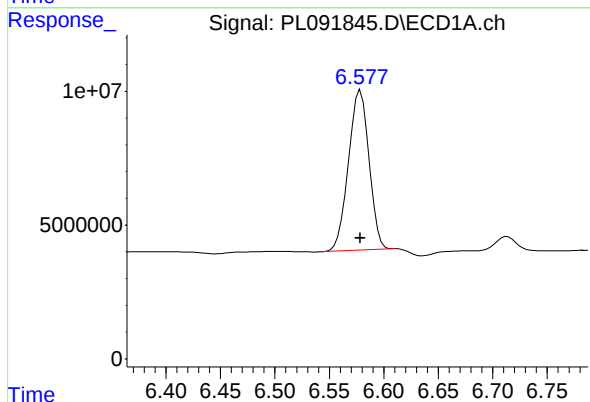
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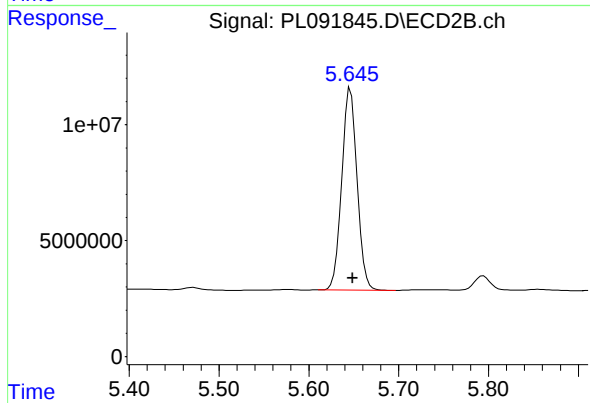
#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: -0.001 min
Response: 209174
Conc: 0.11 ng/ml



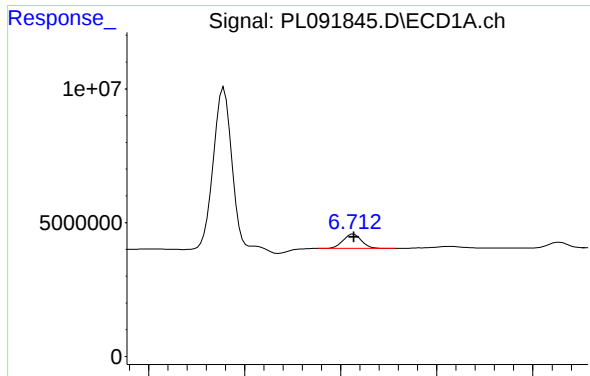
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 78606325
Conc: 59.12 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 103018320
Conc: 54.59 ng/ml



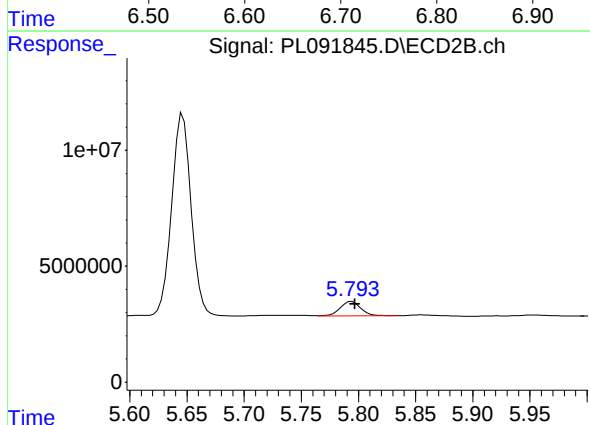
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 7125451
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

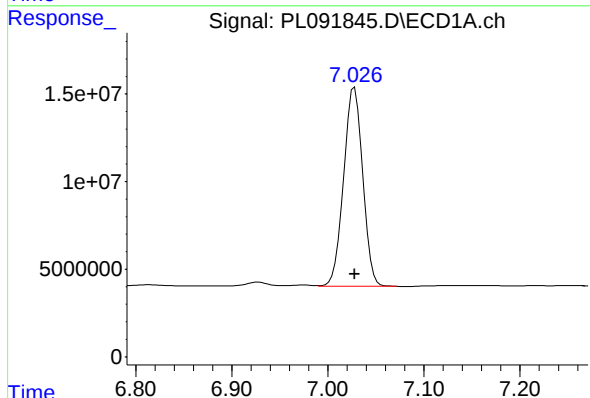
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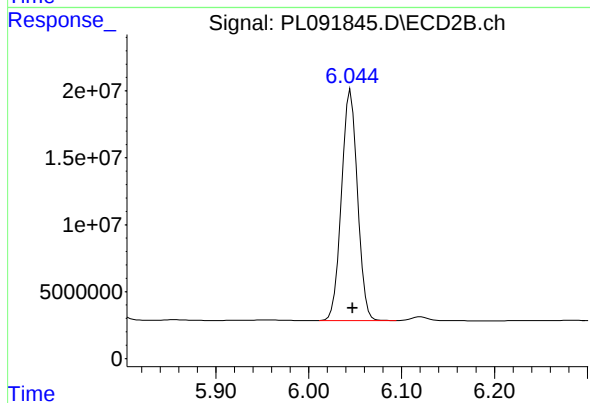
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 7677840
Conc: 4.58 ng/ml



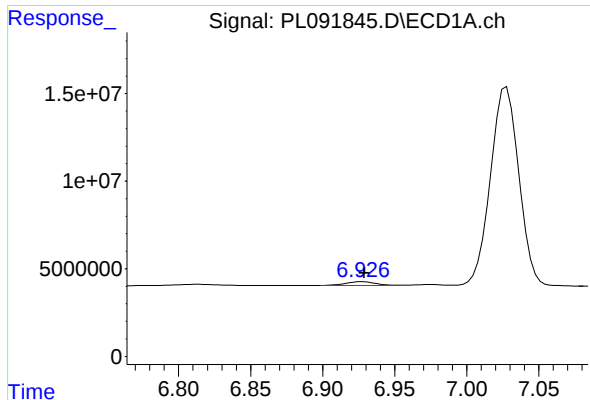
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 155891186
Conc: 118.84 ng/ml



#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 206470710
Conc: 128.50 ng/ml



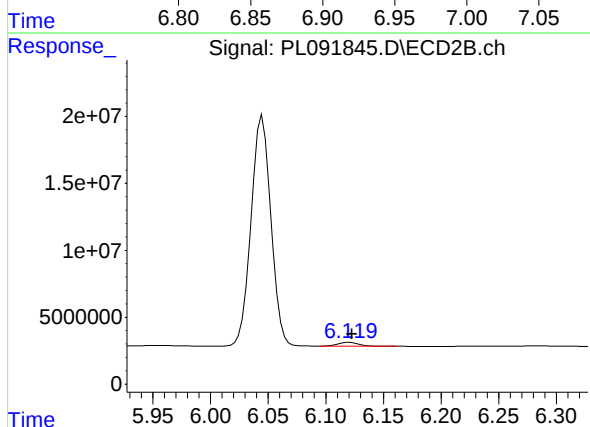
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 2957054
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

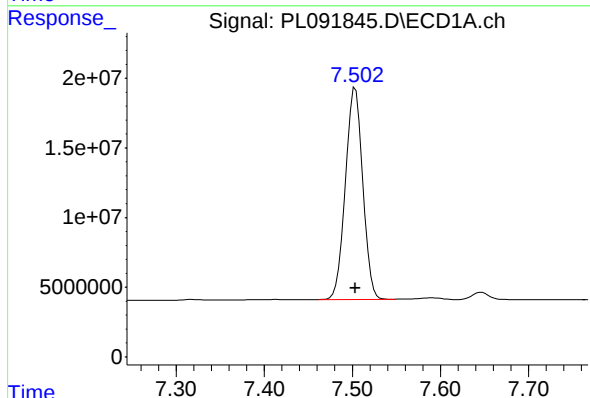
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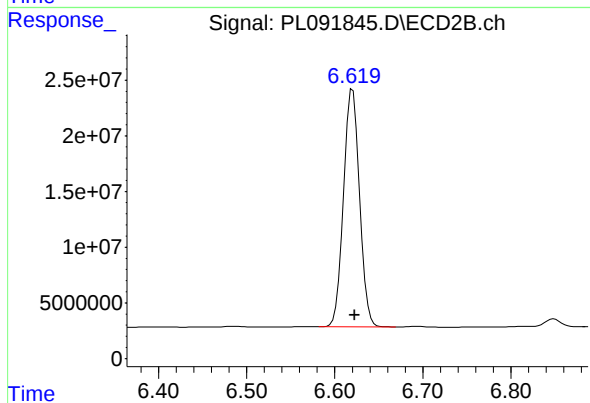
#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 3561466
Conc: 2.61 ng/ml



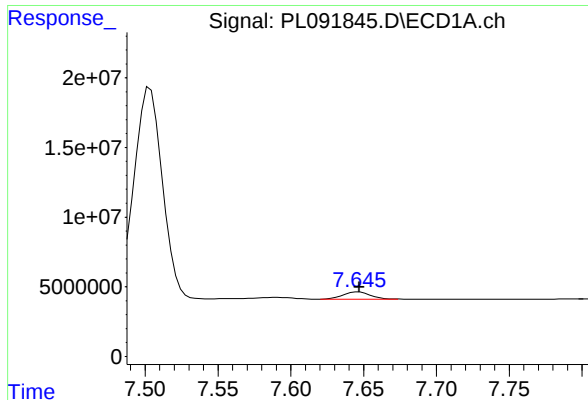
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 208292765
Conc: 307.91 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 270223051
Conc: 305.07 ng/ml



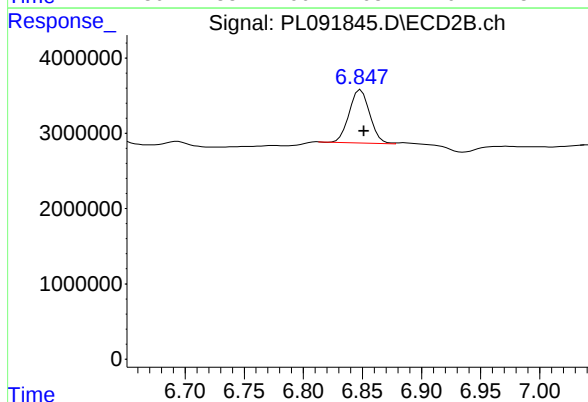
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 6774668
Conc: 4.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

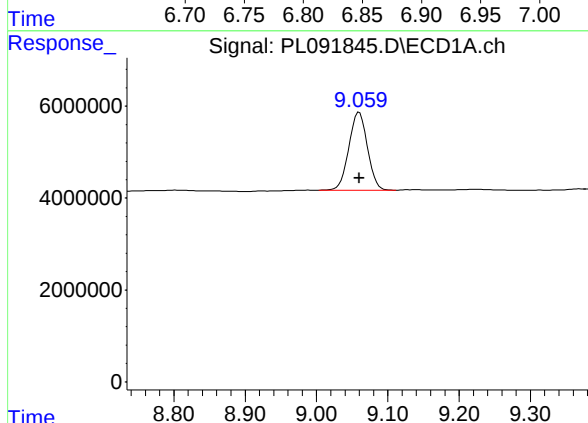
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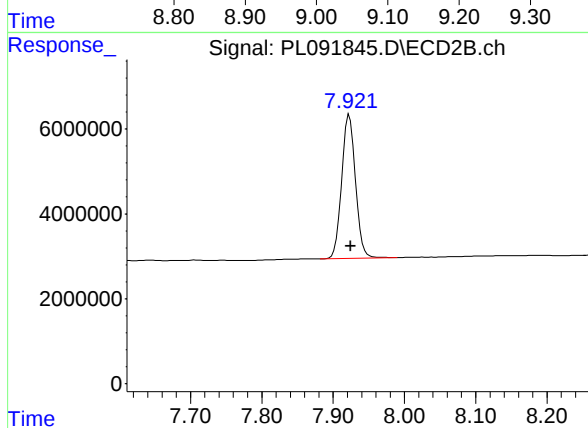
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 8536319
Conc: 4.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 30800851
Conc: 25.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 45565116
Conc: 24.68 ng/ml