

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 16:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2024
 Supervised By : Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:44:52 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...	3.544	2.783	37121878	46715970	23.818	24.978
28) SA Decachlor...	9.060	7.923	29900505	44450107	24.603	24.072m
Target Compounds						
2) A alpha-BHC	3.999	3.286	26162770	31232281	12.113	11.743
3) MA gamma-BHC...	4.332	3.617	24335242	28542261	11.838	11.605
6) B beta-BHC	4.529	3.916	11421130	13838816	12.550	12.668
12) B 4,4'-DDE	6.190	5.253	228194	808551	0.156m	0.426m#
14) MA Endrin	6.577	5.649	71034579	102.0E6	53.422m	54.060
16) A 4,4'-DDD	6.714	5.797	12390366	15920441	9.775	9.500
17) MA 4,4'-DDT	7.028	6.047	131.2E6	190.3E6	100.027	118.458
18) B Endrin al...	6.929	6.123	4222447	3564112	3.554	2.607 #
20) A Methoxychlor	7.504	6.622	178.0E6	249.4E6	263.142	281.547
21) B Endrin ke...	7.647	6.850	6912122	11023719	4.470	5.481

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

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Acq On : 13 Sep 2024 16:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

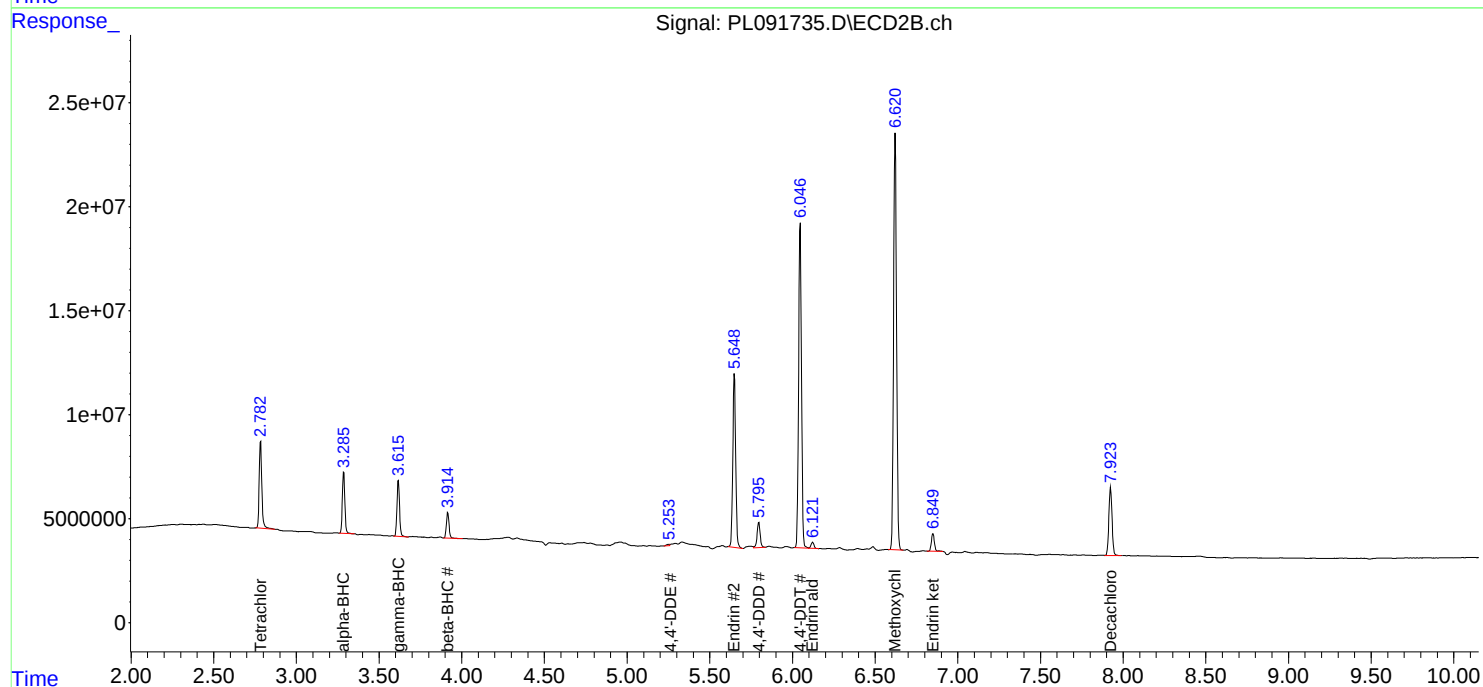
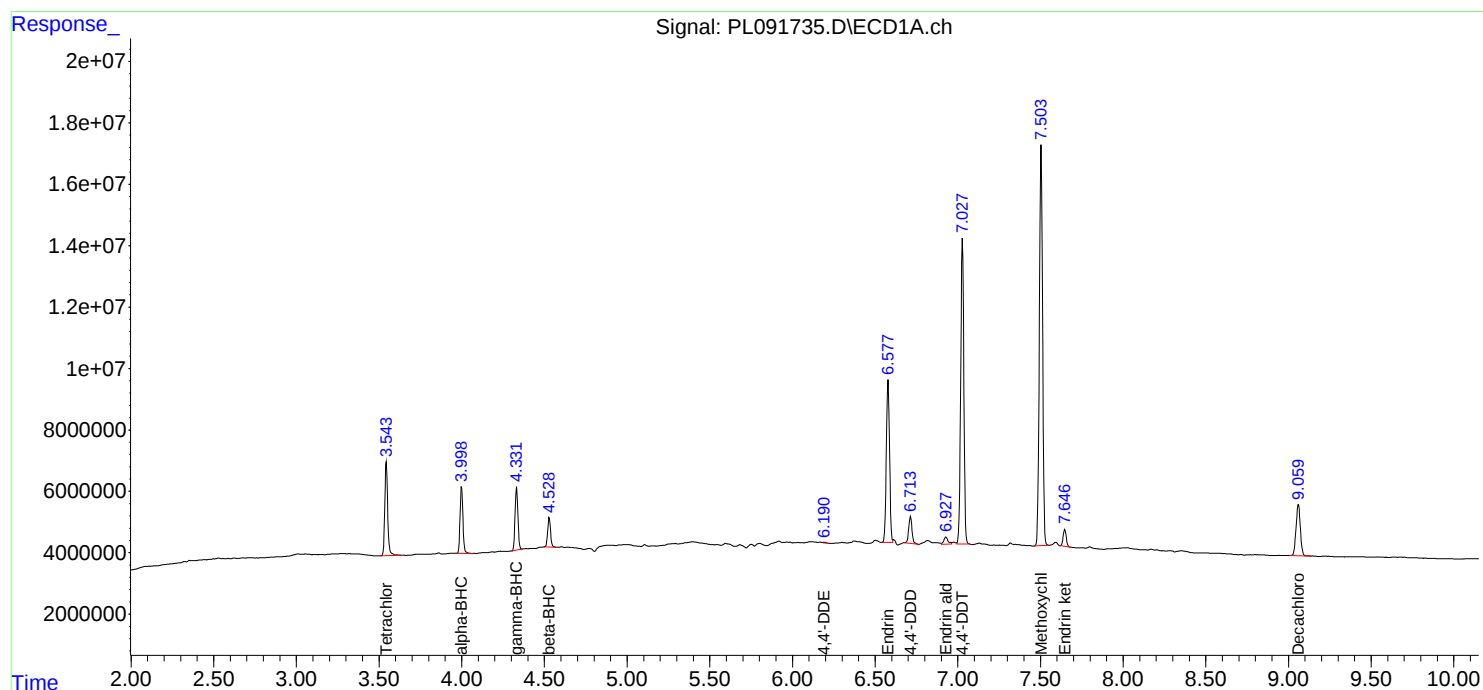
Instrument :
ECD_L
ClientSampleId :
PEM

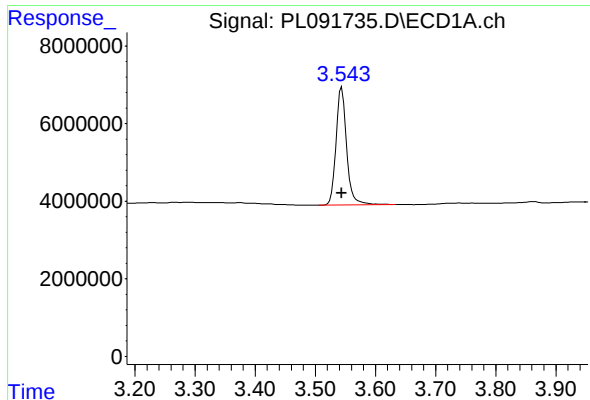
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Integration File signal 1: autoint1.e
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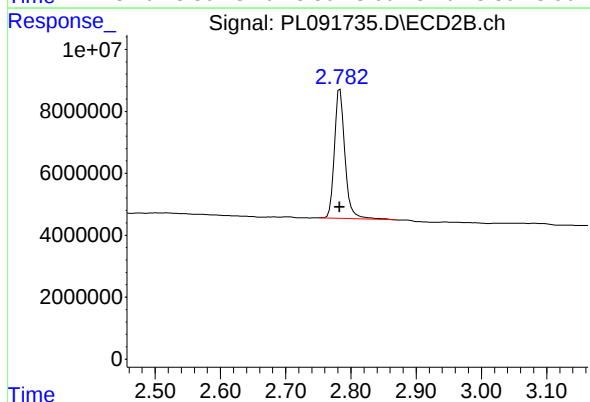
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 37121878
Conc: 23.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

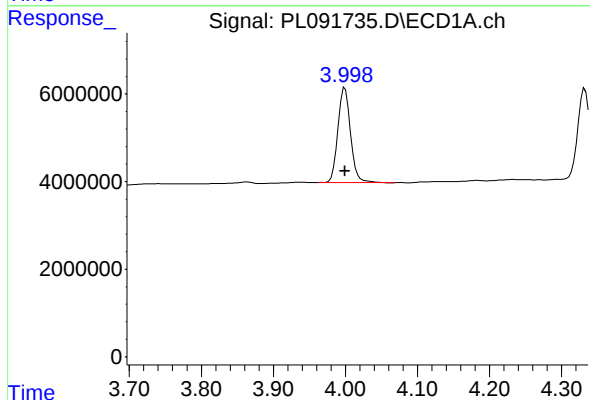
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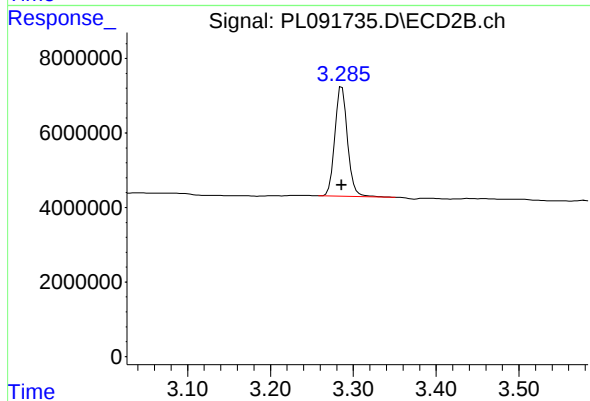
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 46715970
Conc: 24.98 ng/ml



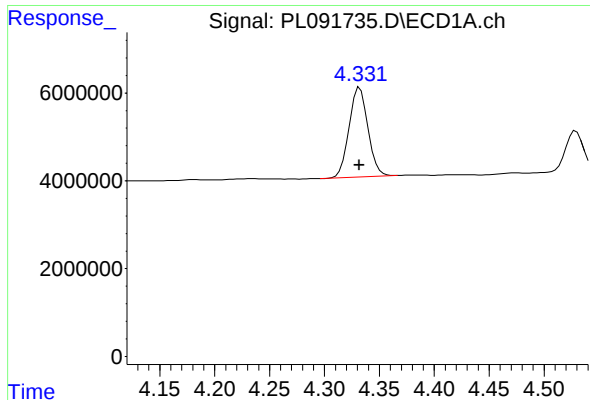
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 26162770
Conc: 12.11 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 31232281
Conc: 11.74 ng/ml



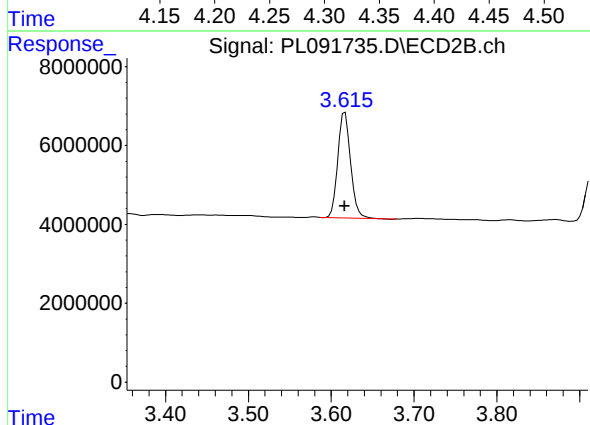
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 24335242
Conc: 11.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

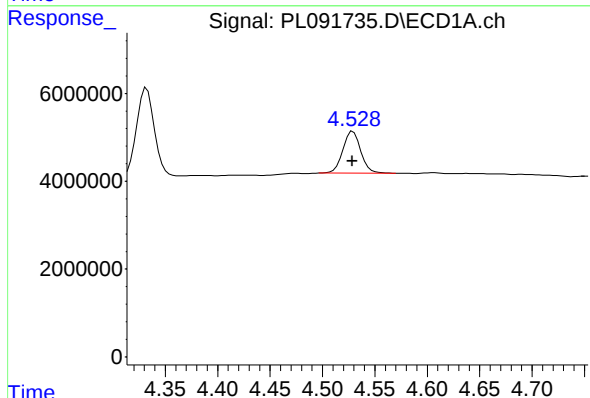
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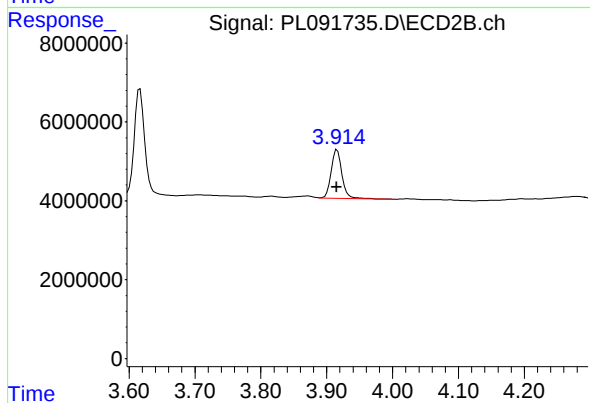
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 28542261
Conc: 11.61 ng/ml



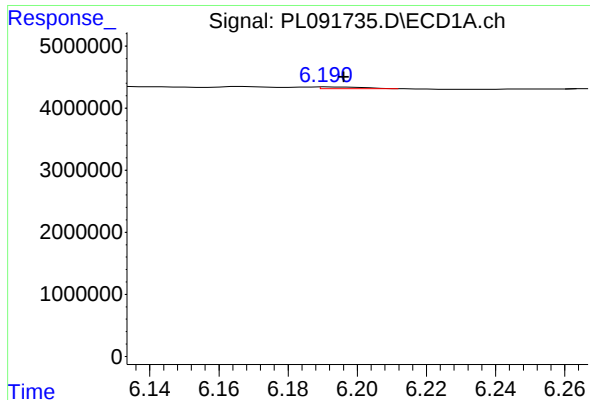
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 11421130
Conc: 12.55 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 13838816
Conc: 12.67 ng/ml



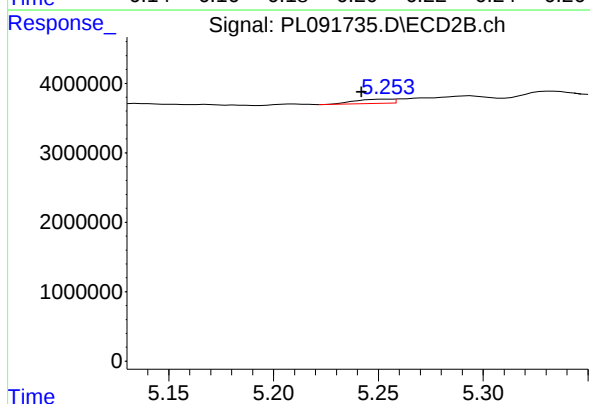
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.006 min
Response: 228194
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

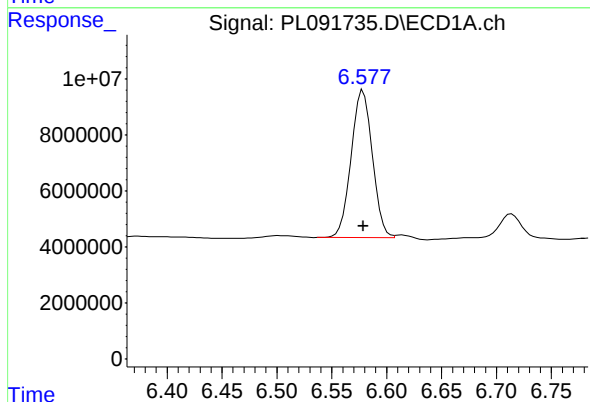
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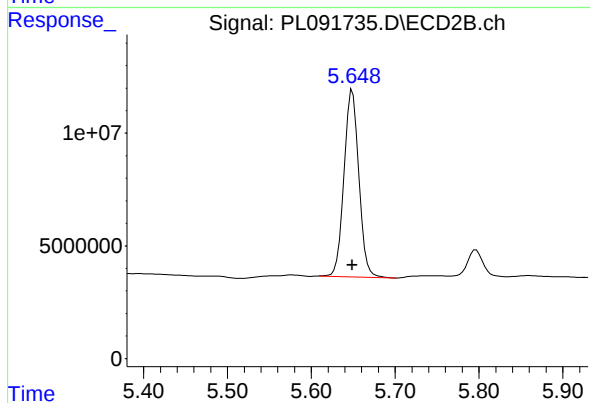
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.011 min
Response: 808551
Conc: 0.43 ng/ml



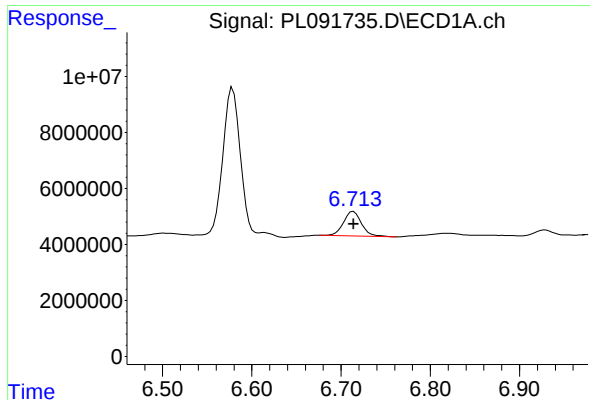
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 71034579
Conc: 53.42 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 102021769
Conc: 54.06 ng/ml



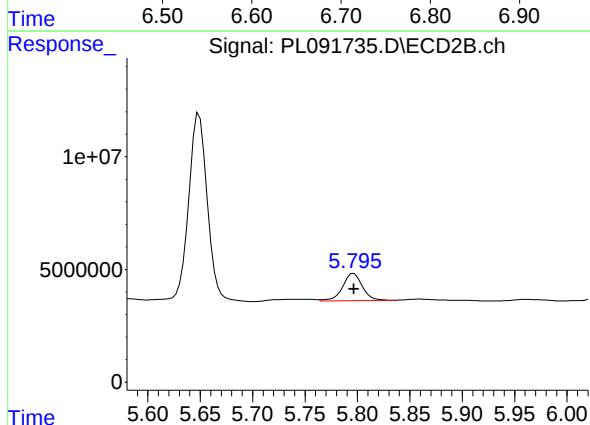
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 12390366
Conc: 9.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

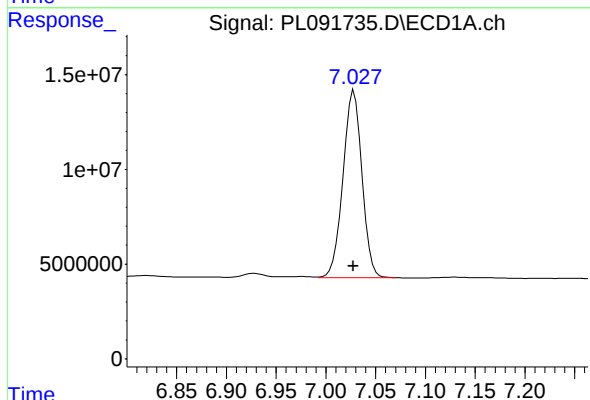
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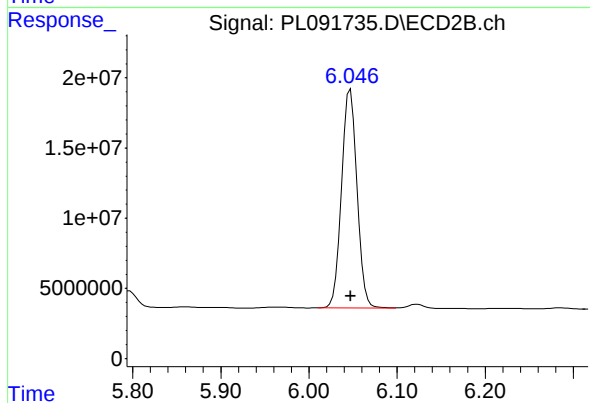
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 15920441
Conc: 9.50 ng/ml



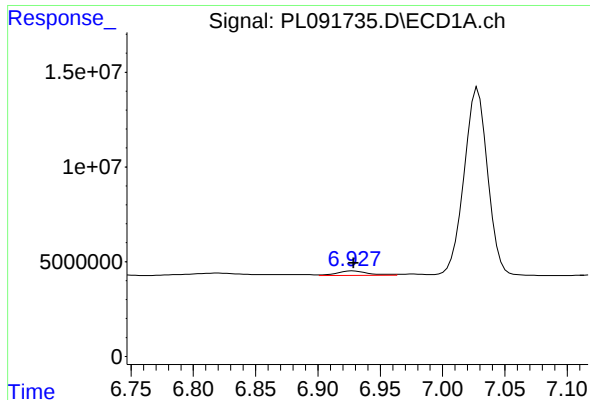
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 131209868
Conc: 100.03 ng/ml



#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 190336306
Conc: 118.46 ng/ml



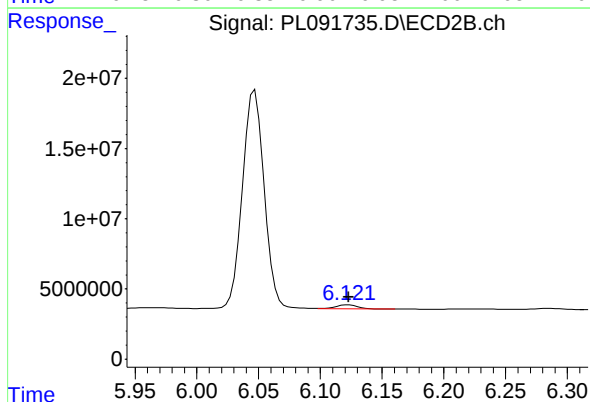
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 4222447
Conc: 3.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

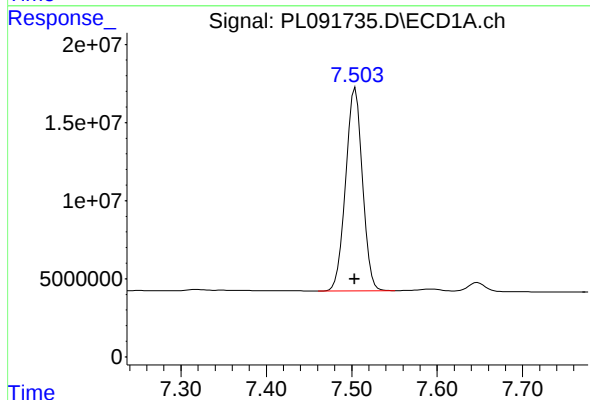
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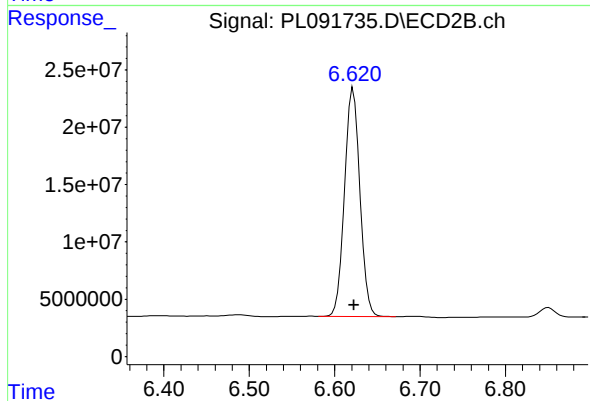
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 3564112
Conc: 2.61 ng/ml



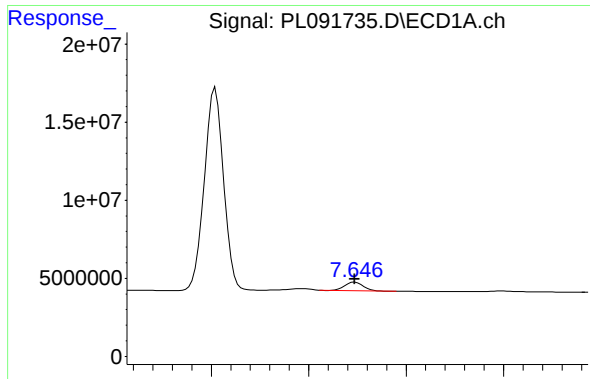
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 178006835
Conc: 263.14 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 249383733
Conc: 281.55 ng/ml



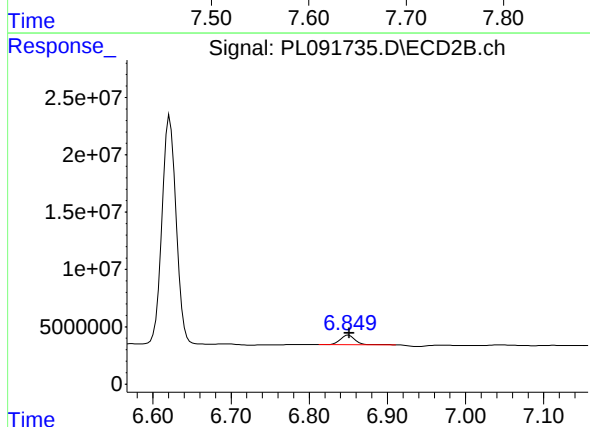
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 6912122
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

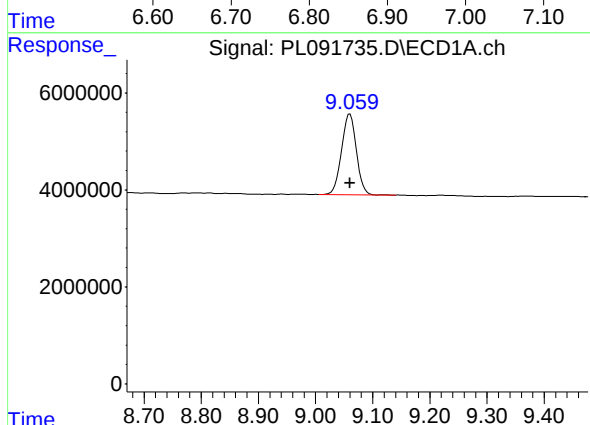
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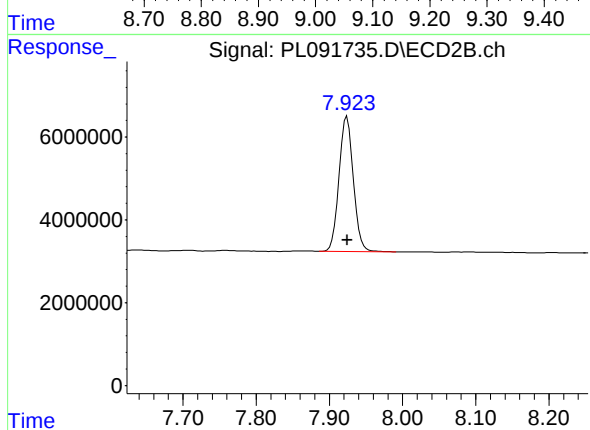
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 11023719
Conc: 5.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 29900505
Conc: 24.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 44450107
Conc: 24.07 ng/ml m