

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091724\
 Data File : PL091778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2024 11:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2024
 Supervised By : Ankita Jodhani 09/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:10:02 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	36817569	41506306	23.622	22.192
28)	SA Decachlor...	9.057	7.922	26800839	42386160	22.052	22.954
Target Compounds							
2)	A alpha-BHC	3.997	3.284	25851494	27824652	11.969	10.462
3)	MA gamma-BHC...	4.330	3.614	24920690	26078452	12.123	10.603
6)	B beta-BHC	4.527	3.912	11227797	12702413	12.338	11.627m
14)	MA Endrin	6.576	5.646	78788559	102.9E6	59.253m	54.507
16)	A 4,4'-DDD	6.716	5.795	3077082	2207018	2.428	1.317m#
17)	MA 4,4'-DDT	7.026	6.045	156.5E6	212.7E6	119.314	132.365
18)	B Endrin al...	6.924	6.120	2121414	2557808	1.786m	1.871
20)	A Methoxychlor	7.502	6.620	206.5E6	278.4E6	305.312	314.294
21)	B Endrin ke...	7.645	6.848	3299923	4951587	2.134	2.462

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

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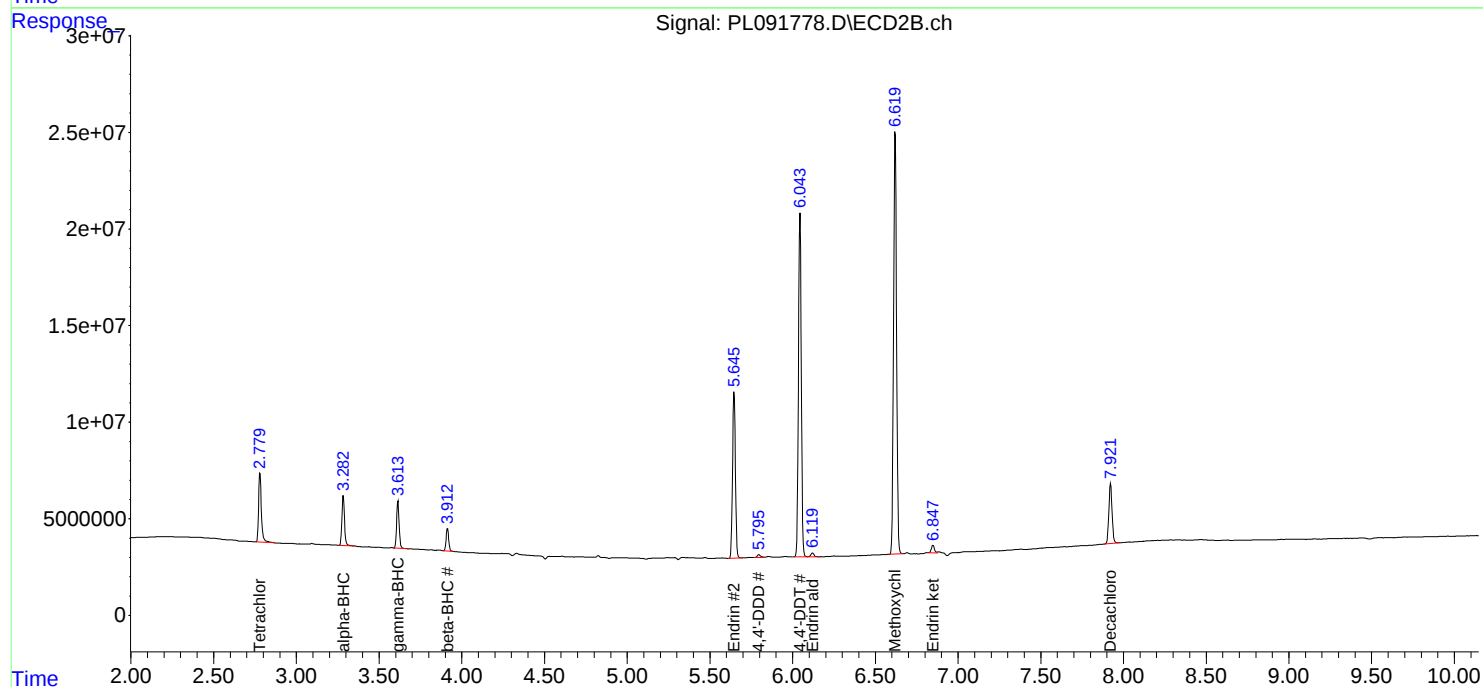
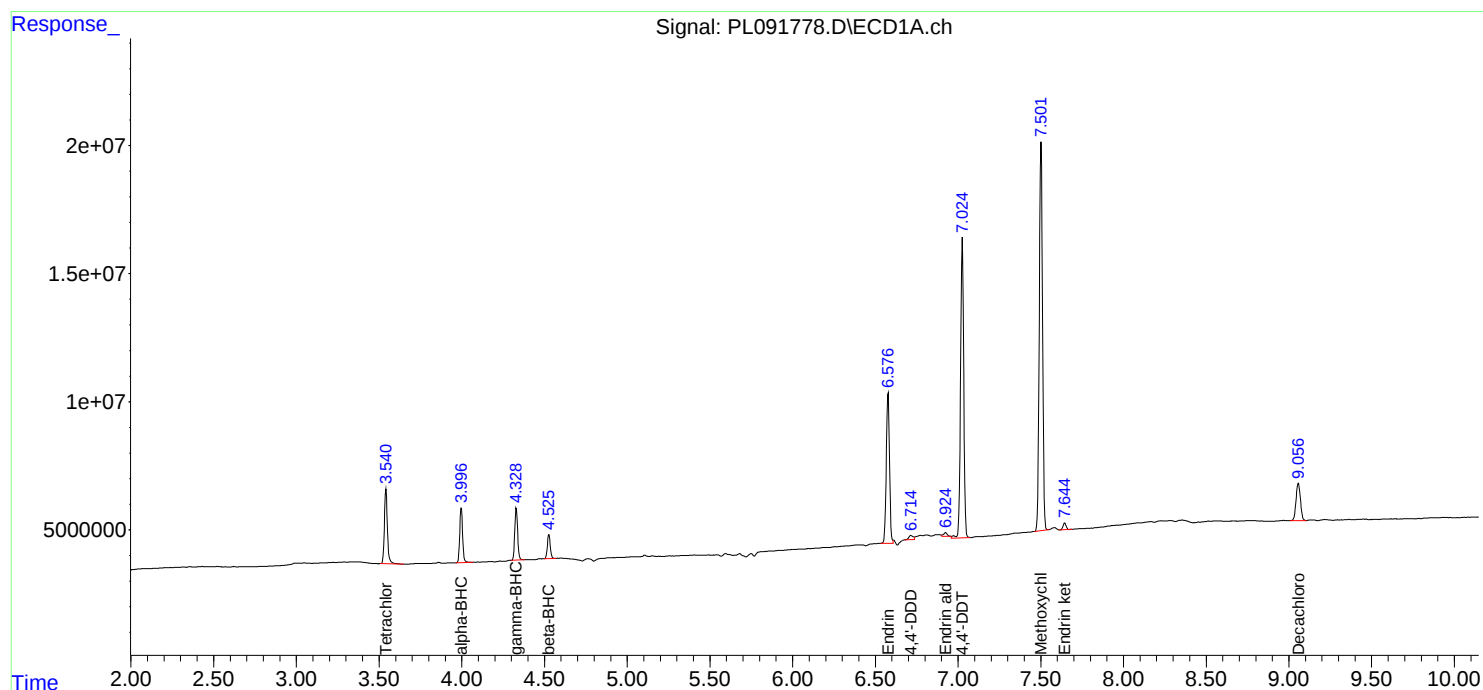
Instrument :
ECD_L
ClientSampleId :
PEM

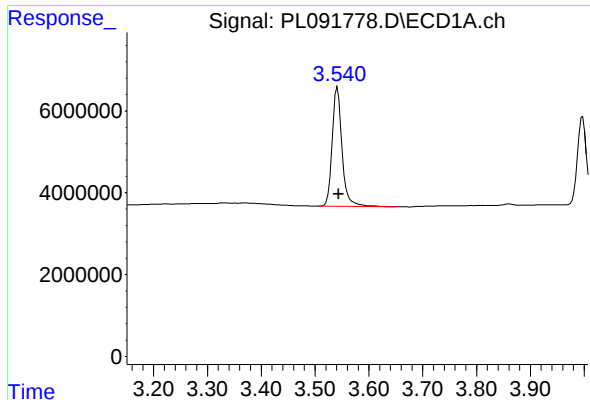
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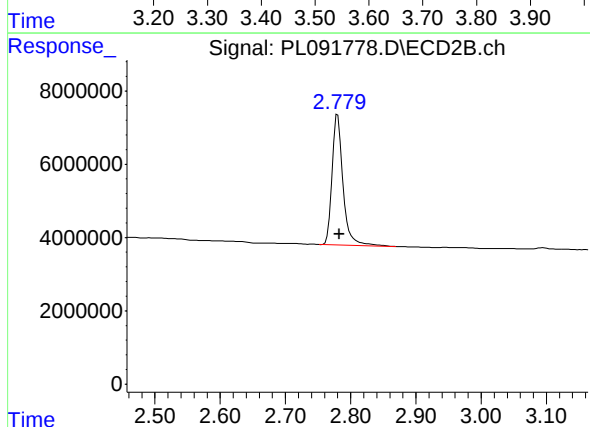
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 36817569
Conc: 23.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

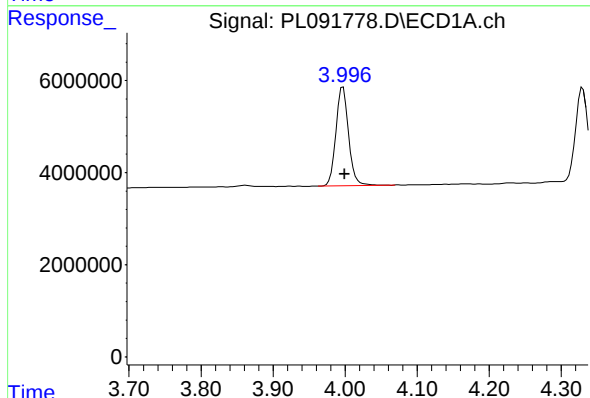
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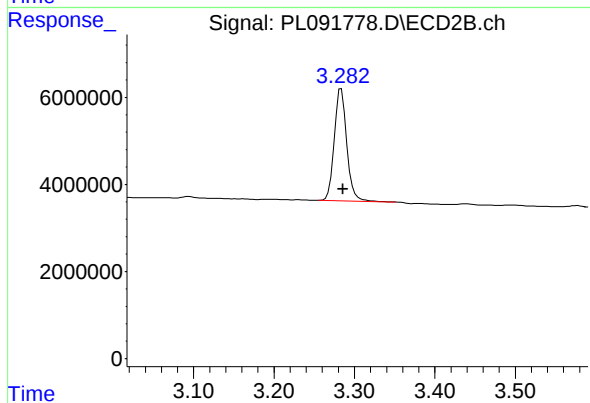
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 41506306
Conc: 22.19 ng/ml



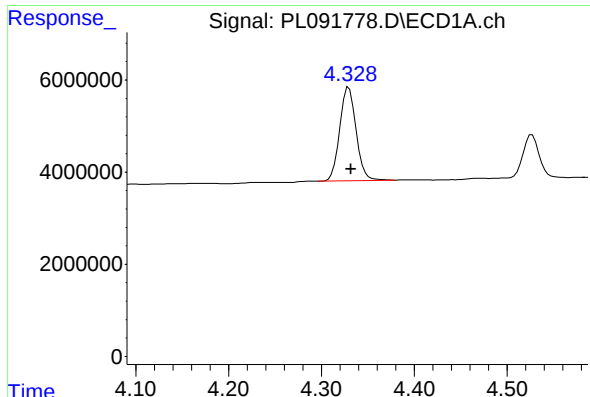
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 25851494
Conc: 11.97 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 27824652
Conc: 10.46 ng/ml



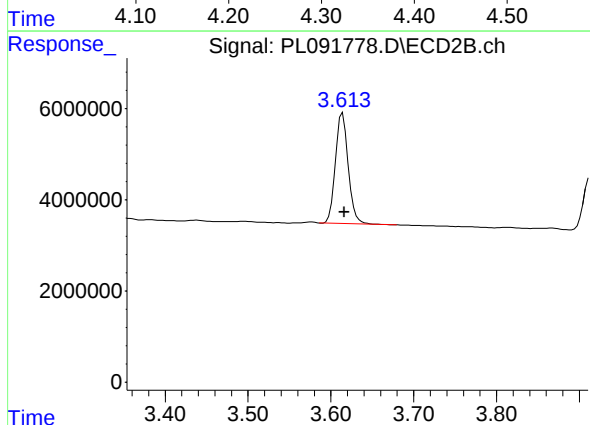
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 24920690
Conc: 12.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

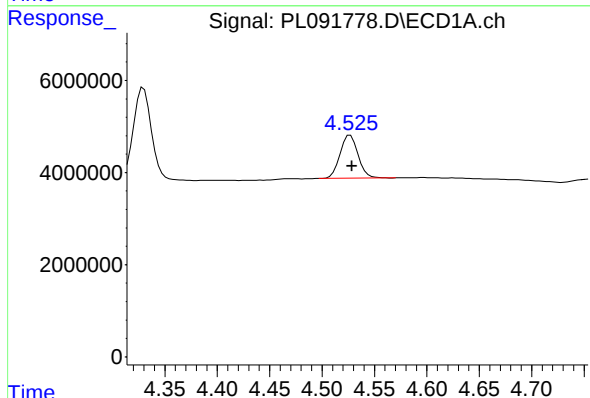
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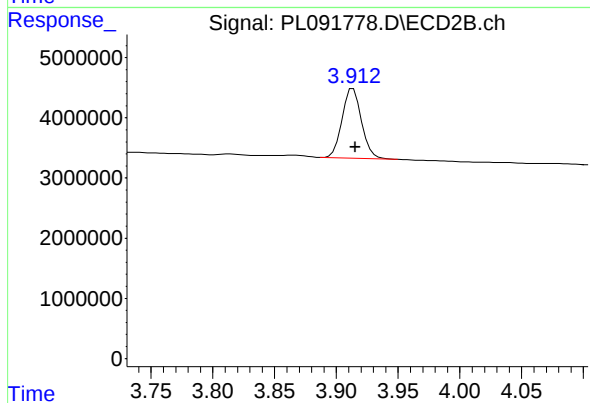
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 26078452
Conc: 10.60 ng/ml



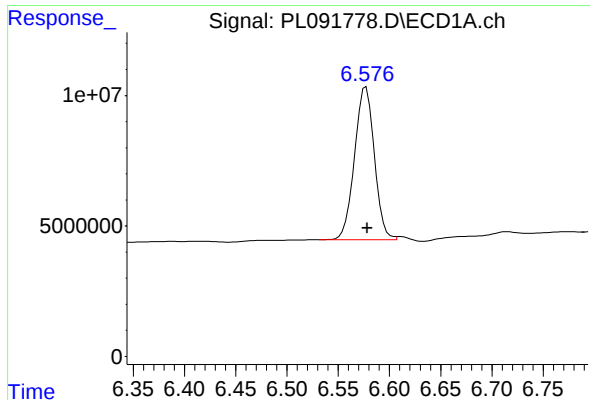
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 11227797
Conc: 12.34 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 12702413
Conc: 11.63 ng/ml m



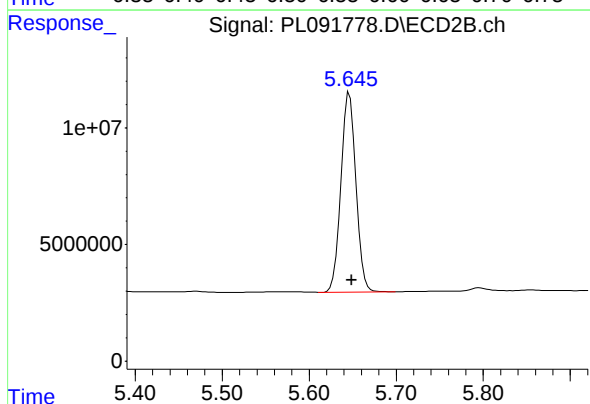
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 78788559
Conc: 59.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

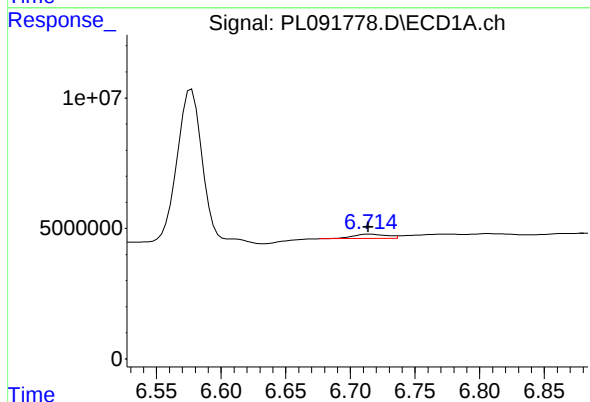
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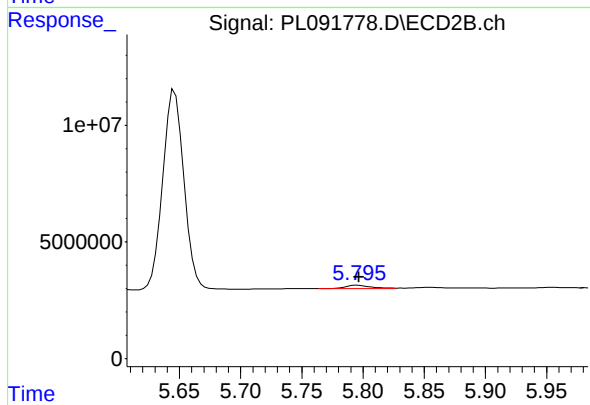
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 102864406
Conc: 54.51 ng/ml



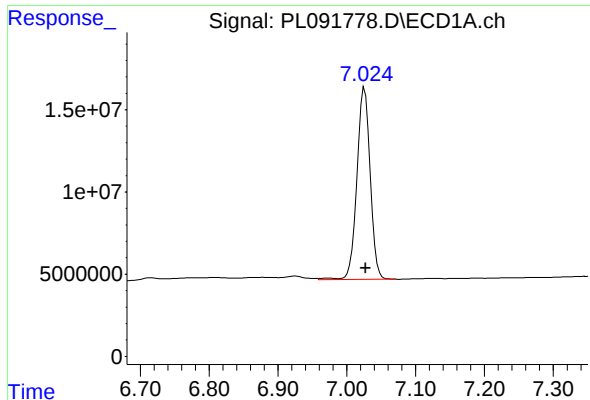
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 3077082
Conc: 2.43 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 2207018
Conc: 1.32 ng/ml m



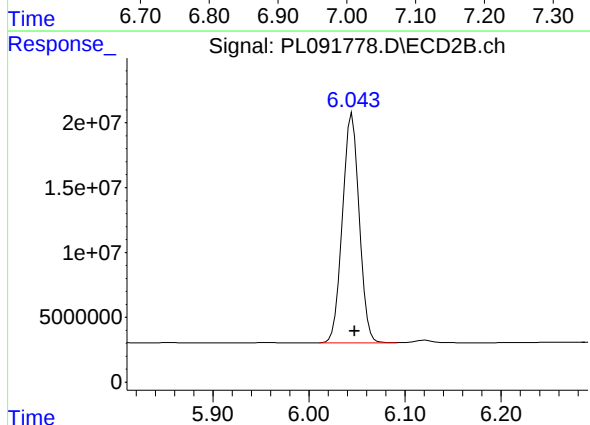
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 156510021
Conc: 119.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

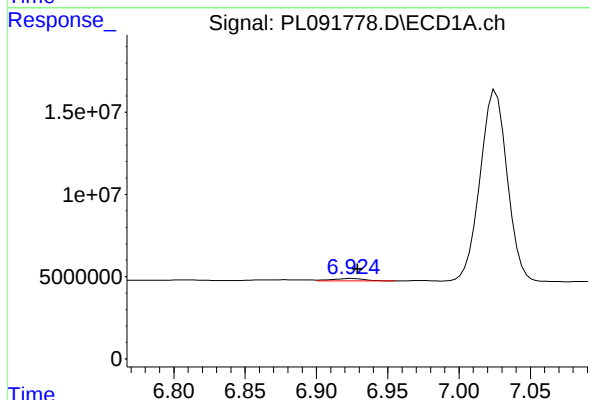
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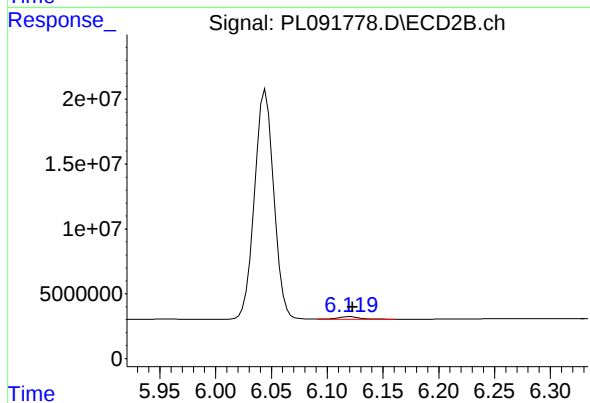
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 212682366
Conc: 132.37 ng/ml



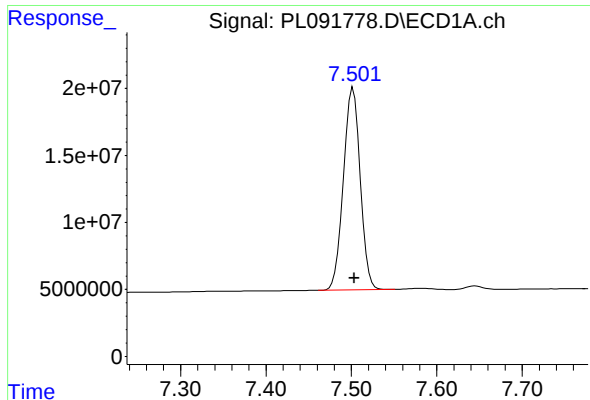
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.005 min
Response: 2121414
Conc: 1.79 ng/ml m



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 2557808
Conc: 1.87 ng/ml



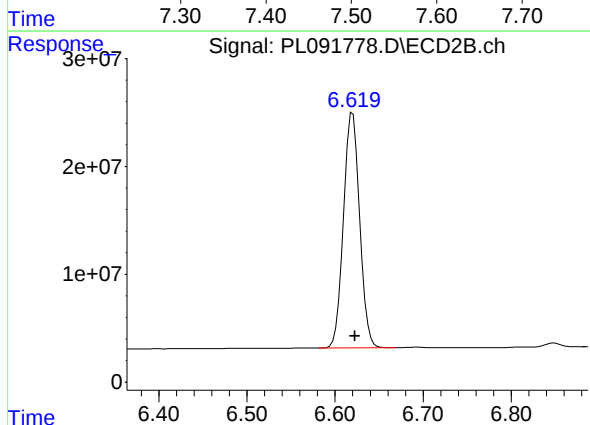
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 206533458
Conc: 305.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

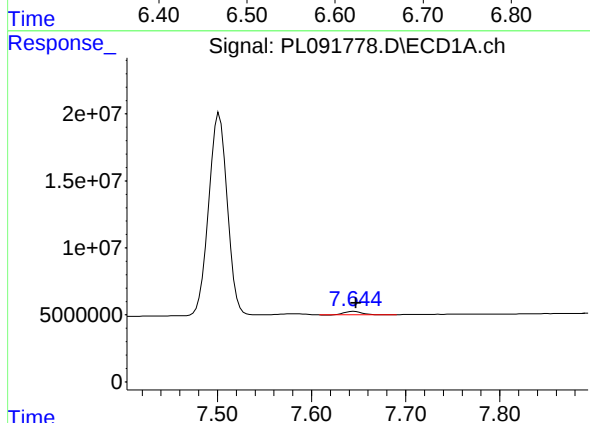
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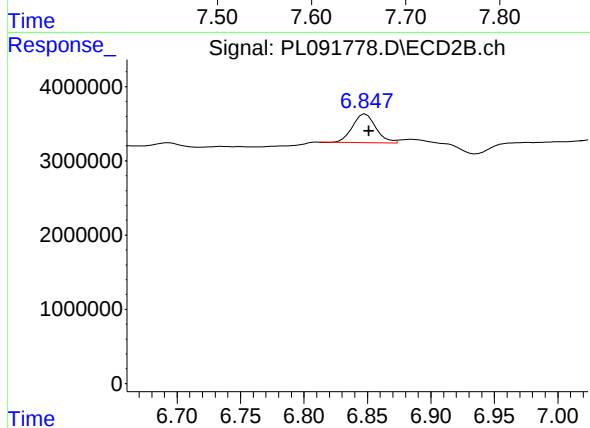
#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 278390167
Conc: 314.29 ng/ml



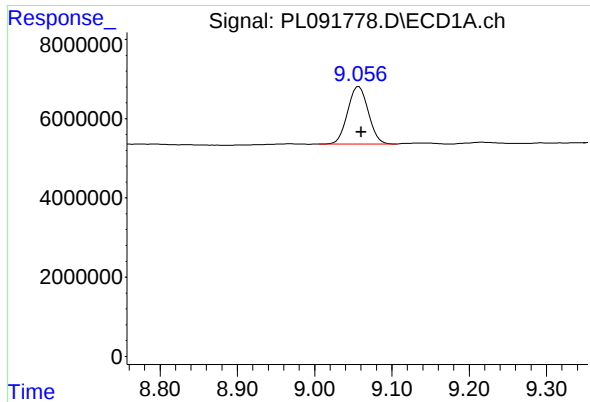
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 3299923
Conc: 2.13 ng/ml



#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 4951587
Conc: 2.46 ng/ml



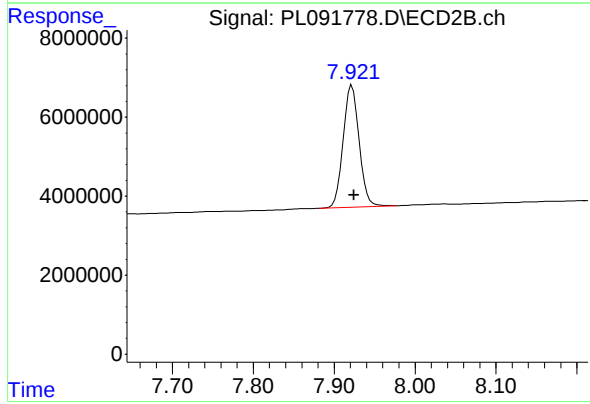
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 26800839
Conc: 22.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 42386160
Conc: 22.95 ng/ml