

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081624\
 Data File : PL091162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2024 17:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/19/2024
 Supervised By : Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 07:52:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.545	2.785	37610075	36150283	17.516	18.520
28)	SA Decachlor...	9.056	7.925	28443804	33914722	18.657	17.905
Target Compounds							
2)	A alpha-BHC	4.000	3.287	28280380	24080098	9.434	8.682m
3)	MA gamma-BHC...	4.332	3.618	27029179	22939989	9.422	8.709
6)	B beta-BHC	4.528	3.916	13837152	11701585	10.232	9.941m
12)	B 4,4'-DDE	6.196	5.244	406062	382969	0.194m	0.183
14)	MA Endrin	6.578	5.650	77268400	89466140	39.845	43.917
16)	A 4,4'-DDD	6.712	5.798	7533043	6081914	4.984	3.684 #
17)	MA 4,4'-DDT	7.026	6.048	137.7E6	170.0E6	77.554	95.701
18)	B Endrin al...	6.925	6.124	2356004	2543029	1.476	1.633
20)	A Methoxychlor	7.502	6.623	181.0E6	210.0E6	192.508	211.521
21)	B Endrin ke...	7.645	6.851	5619196	6269840	2.676	2.879

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

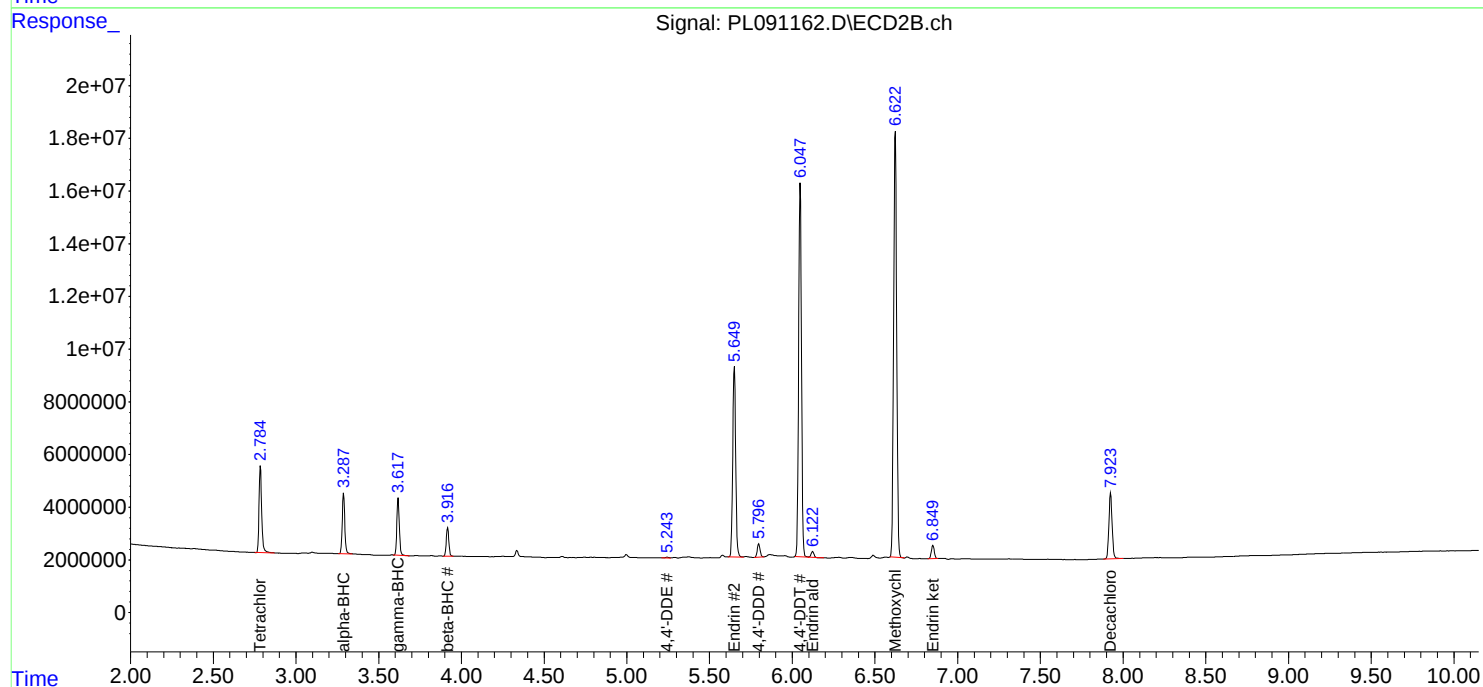
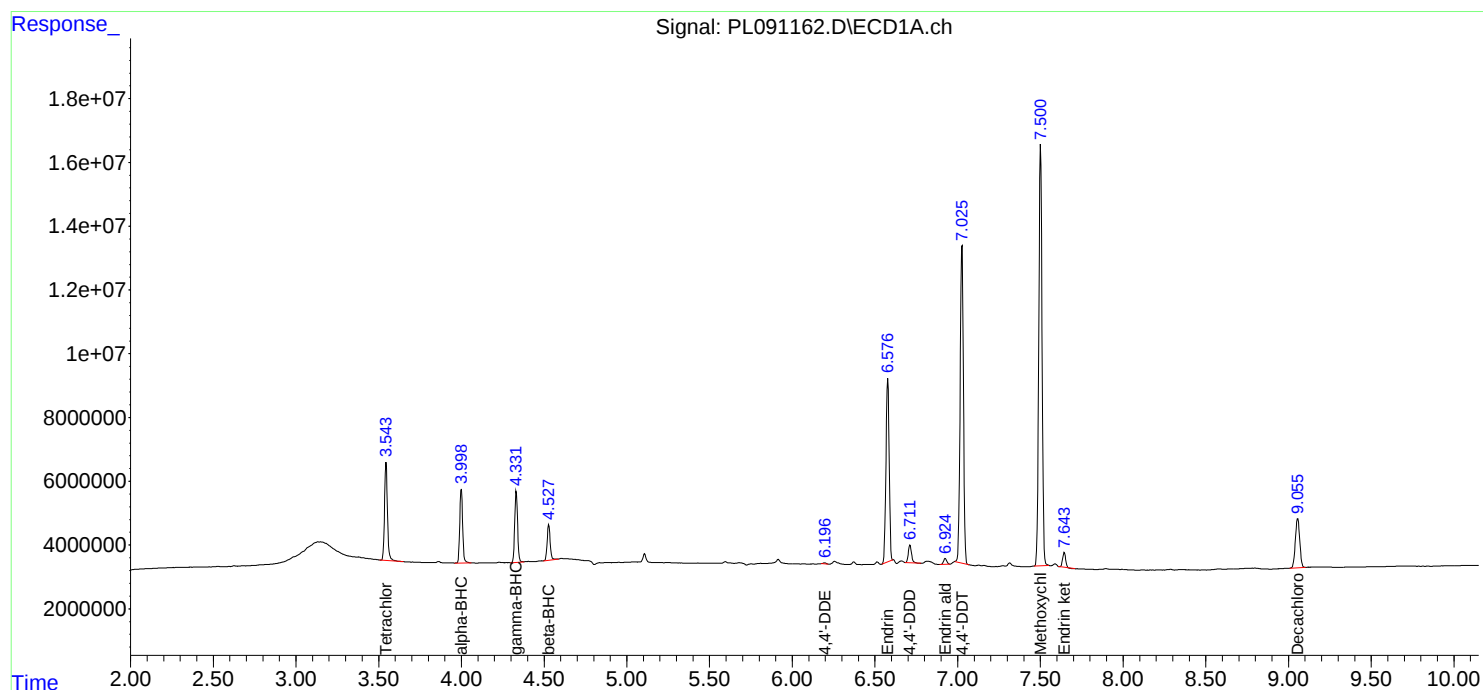
Instrument :
ECD_L
ClientSampleId :
PEM

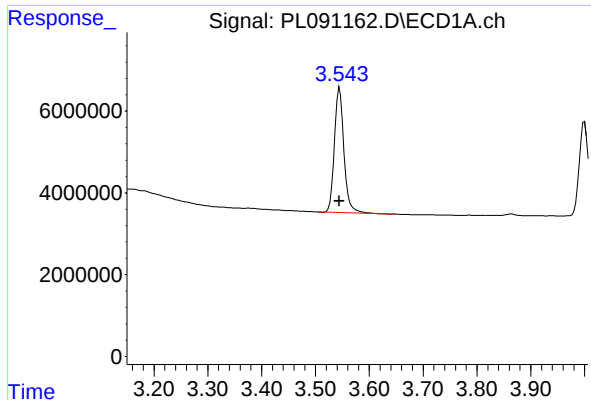
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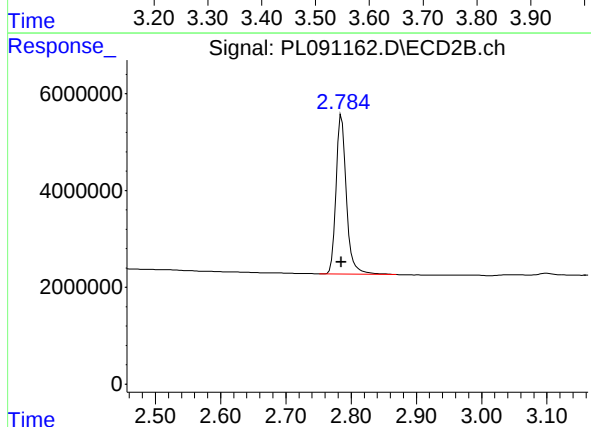
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 37610075
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

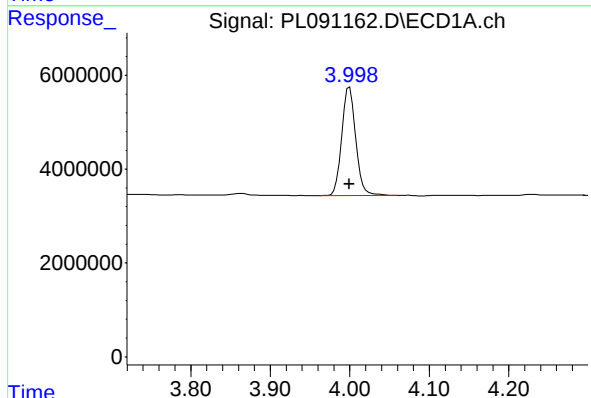
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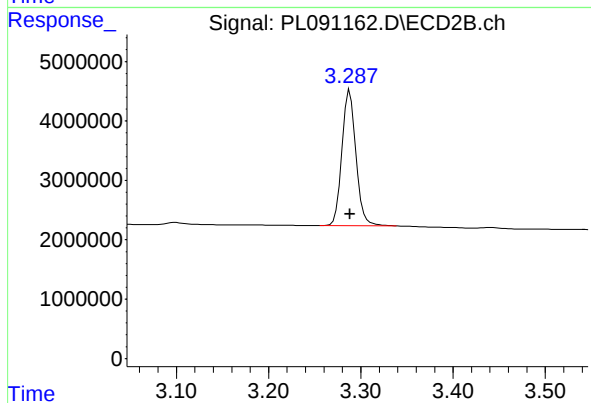
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 36150283
Conc: 18.52 ng/ml



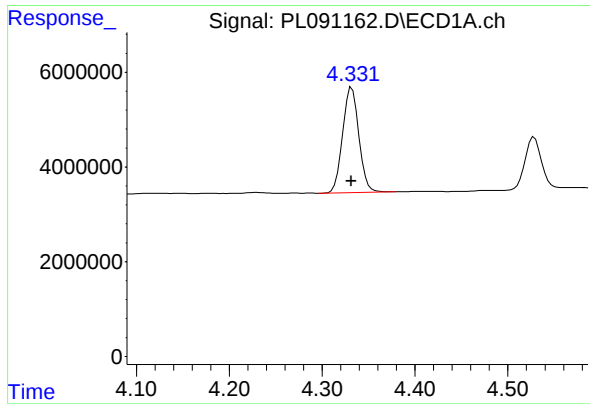
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 28280380
Conc: 9.43 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.002 min
Response: 24080098
Conc: 8.68 ng/ml m



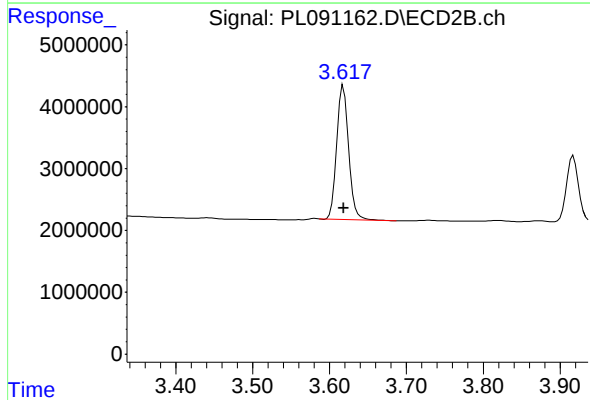
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 27029179
Conc: 9.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

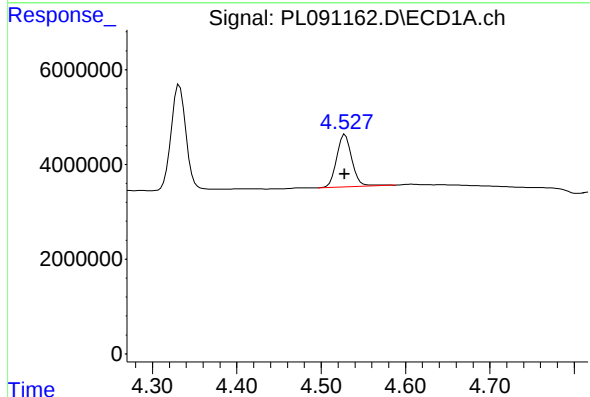
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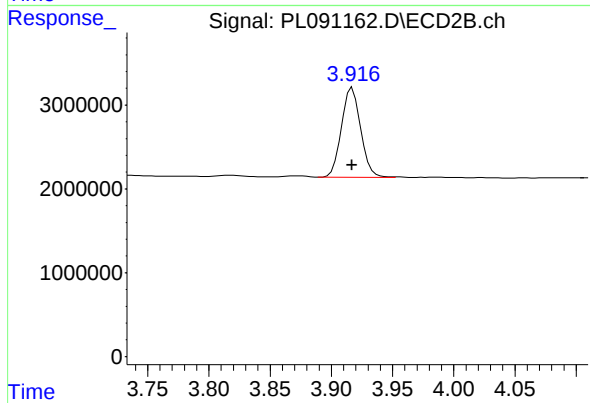
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 22939989
Conc: 8.71 ng/ml



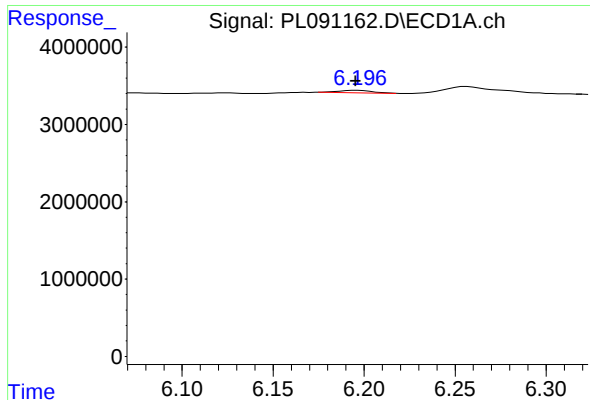
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 13837152
Conc: 10.23 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: -0.001 min
Response: 11701585
Conc: 9.94 ng/ml m



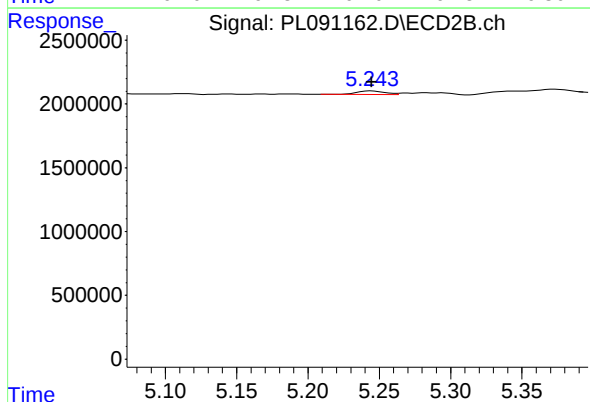
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 406062
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

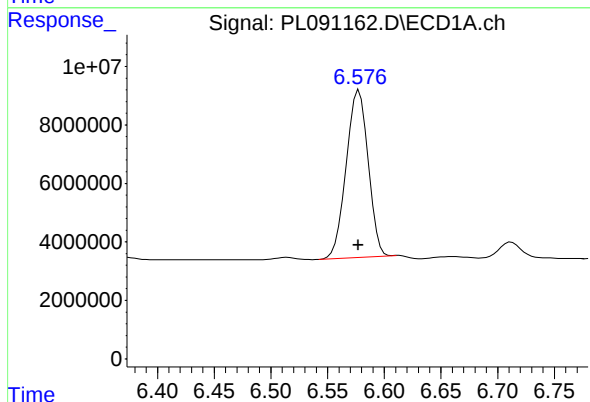
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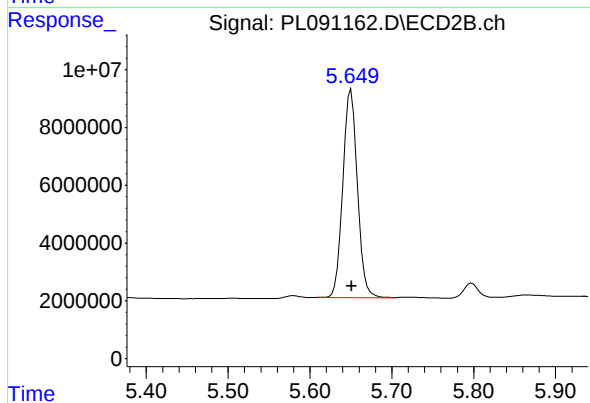
#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 382969
Conc: 0.18 ng/ml



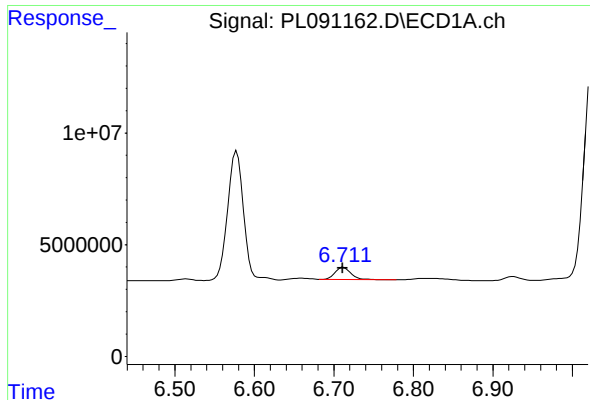
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 77268400
Conc: 39.84 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 89466140
Conc: 43.92 ng/ml



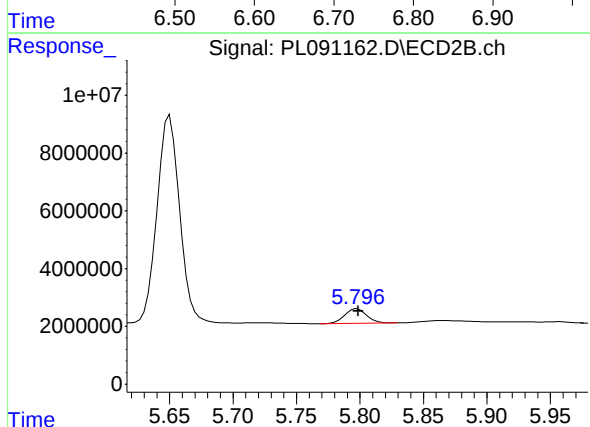
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 7533043
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

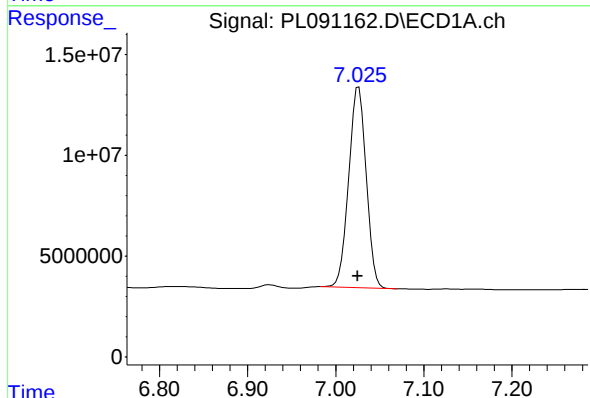
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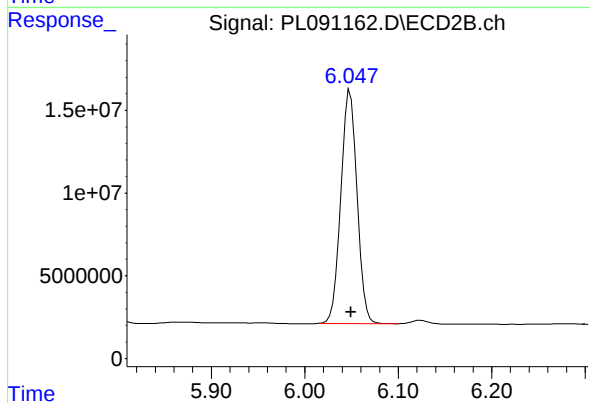
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 6081914
Conc: 3.68 ng/ml



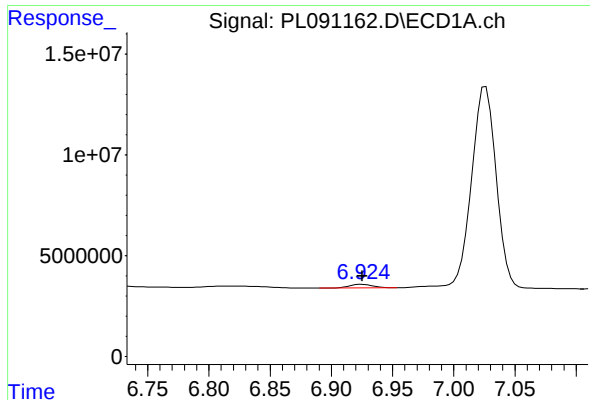
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 137665032
Conc: 77.55 ng/ml



#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 170004522
Conc: 95.70 ng/ml



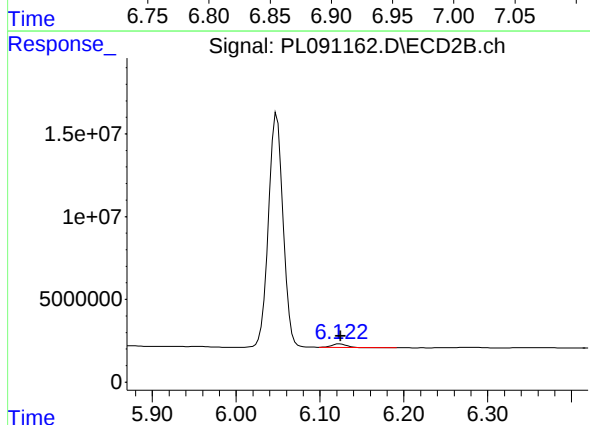
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 2356004
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

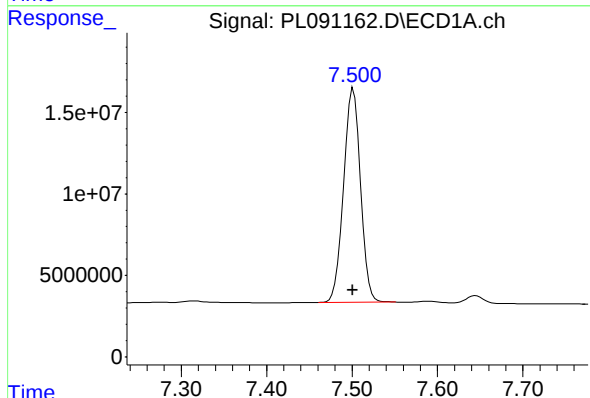
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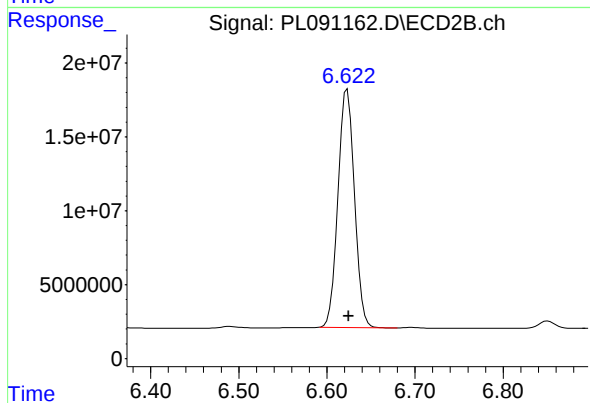
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 2543029
Conc: 1.63 ng/ml



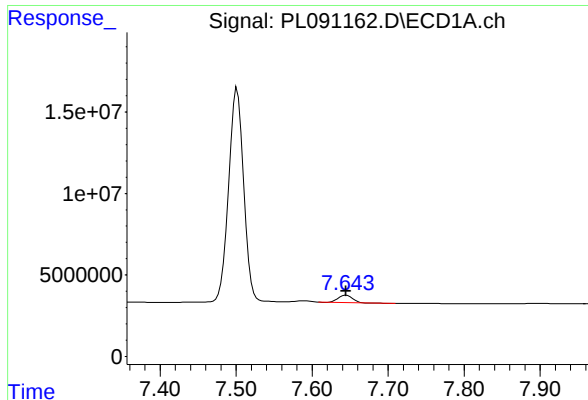
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 181007827
Conc: 192.51 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 210036748
Conc: 211.52 ng/ml



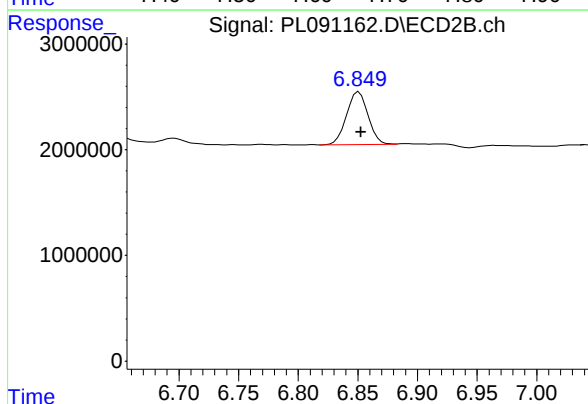
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 5619196
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

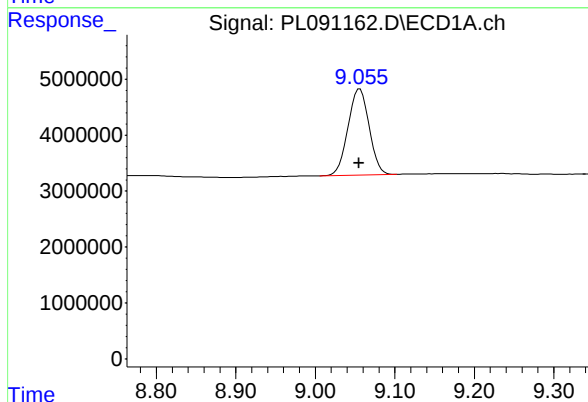
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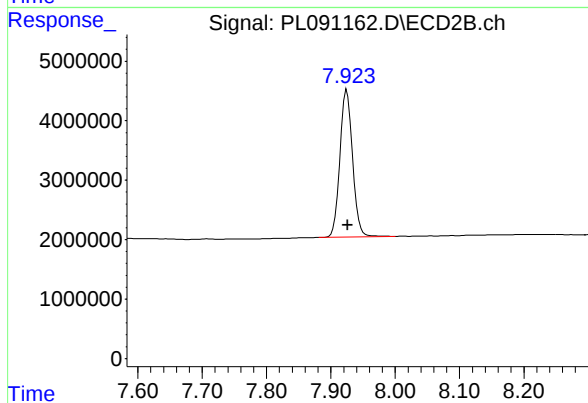
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 6269840
Conc: 2.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 28443804
Conc: 18.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 33914722
Conc: 17.91 ng/ml