

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090724\
 Data File : PL091528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2024 13:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 06:43:06 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	42967708	43975216	20.011	22.528
2)	SA Decachlor...	9.059	7.924	34521888	42735453	22.644	22.562
Target Compounds							
2)	A alpha-BHC	4.000	3.288	31559955	29883366	10.528	10.775
3)	MA gamma-BHC...	4.333	3.617	30282953	26993263	10.556	10.248
6)	B beta-BHC	4.529	3.916	15245830	13943598	11.273	11.846
14)	MA Endrin	6.578	5.650	87367439	101.0E6	45.052m	49.570
16)	A 4,4'-DDD	6.713	5.797	10536344	9136063	6.971	5.534
17)	MA 4,4'-DDT	7.028	6.046	153.1E6	193.8E6	86.274	109.070m#
18)	B Endrin al...	6.928	6.123	2748826	3294672	1.722	2.115
20)	A Methoxychlor	7.503	6.623	205.0E6	241.6E6	217.992	243.344
21)	B Endrin ke...	7.645	6.851	8334063	7810563	3.969m	3.586

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

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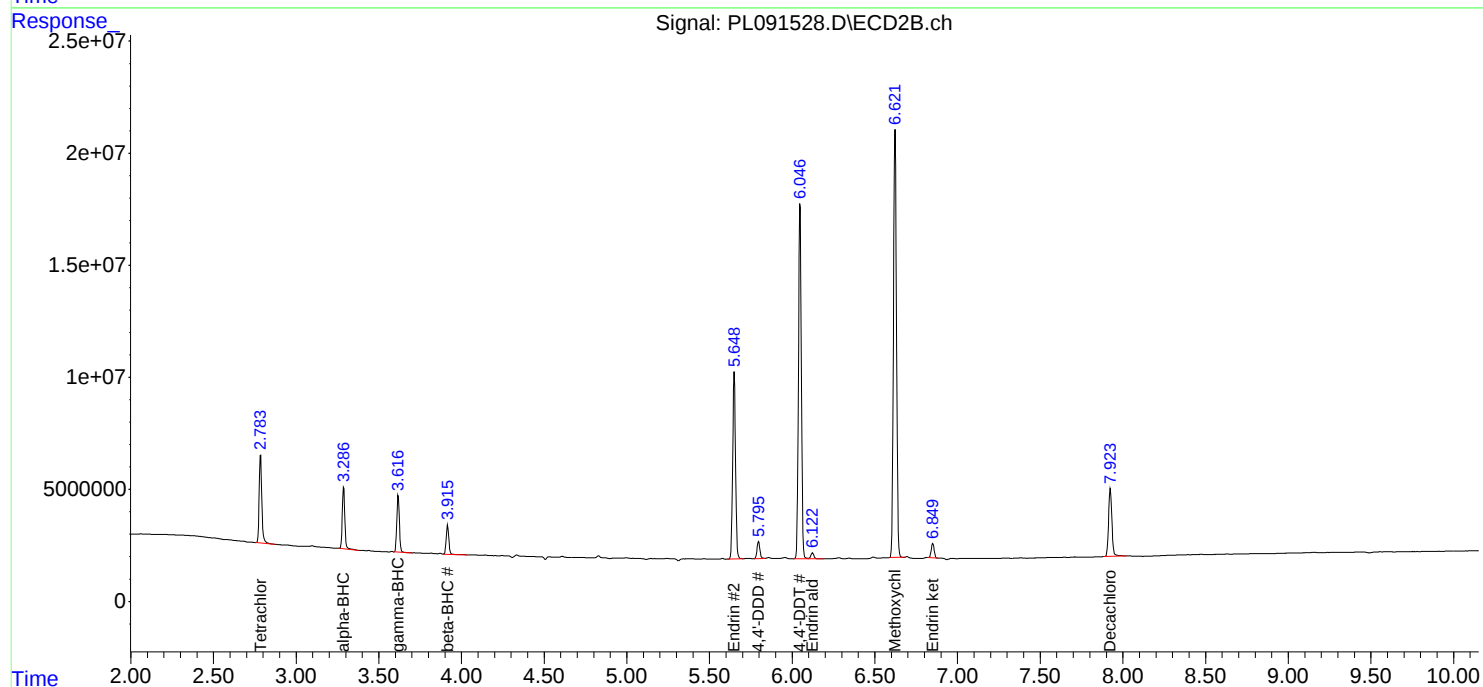
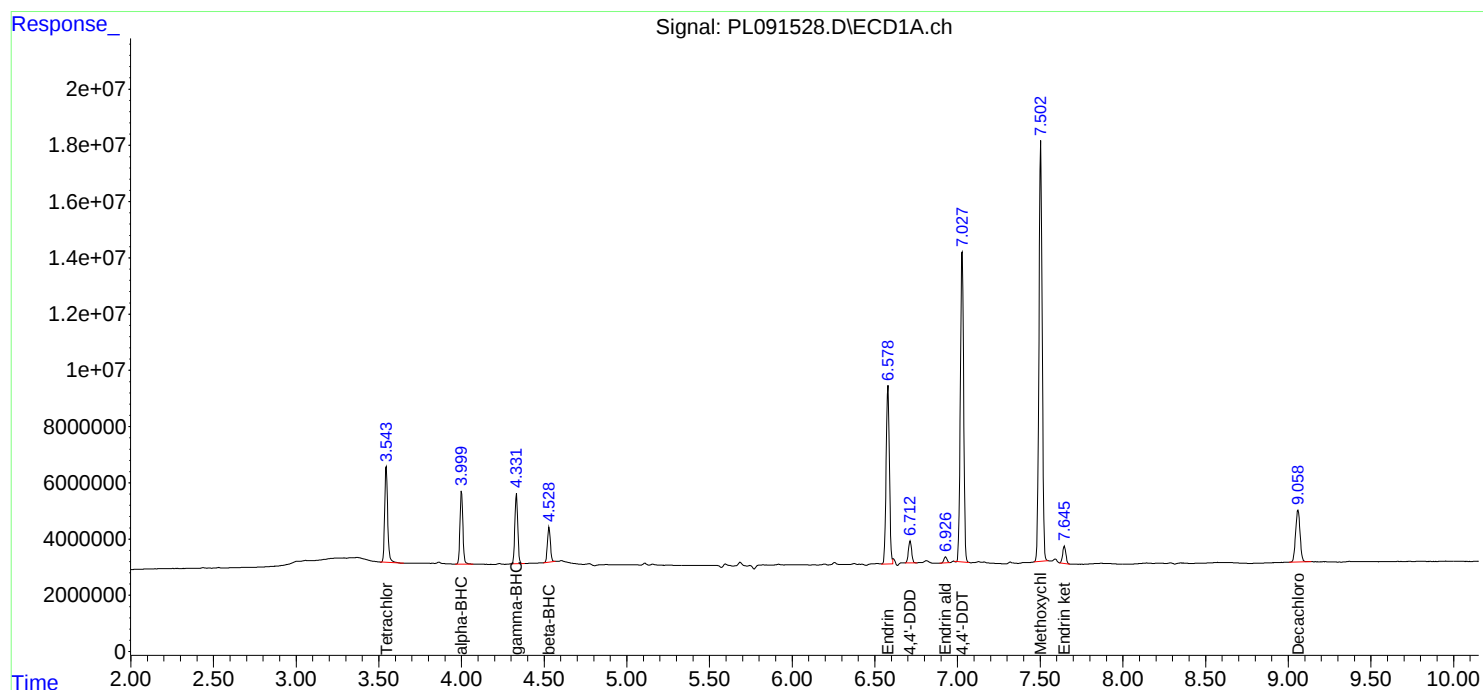
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PEM

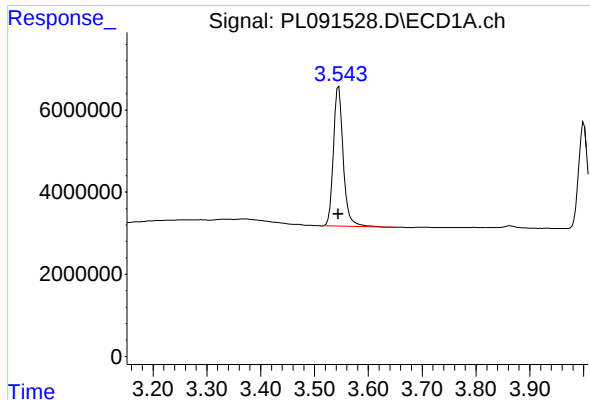
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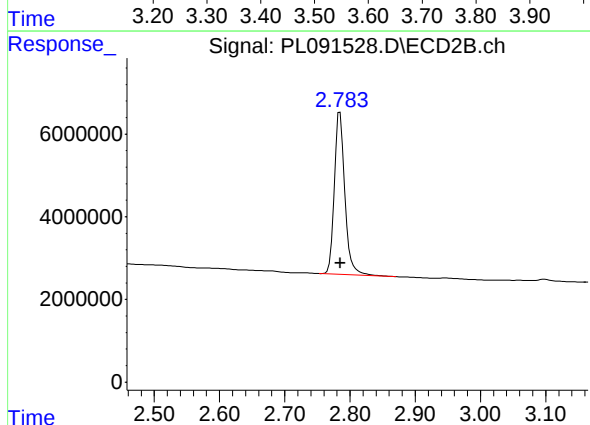
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 42967708
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

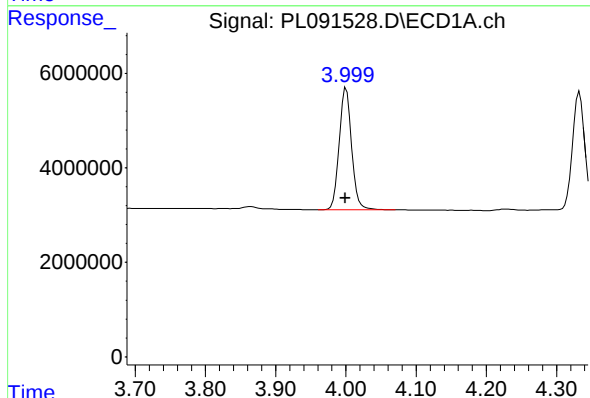
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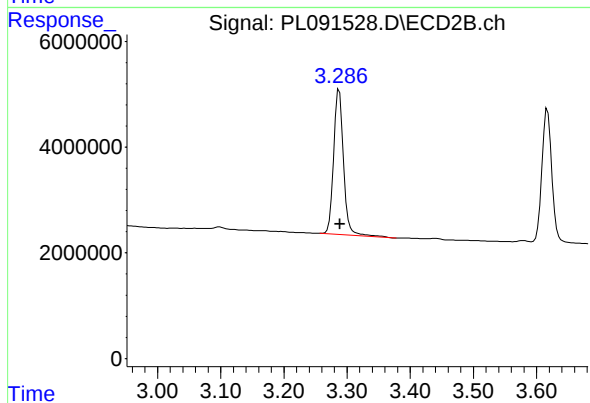
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 43975216
Conc: 22.53 ng/ml



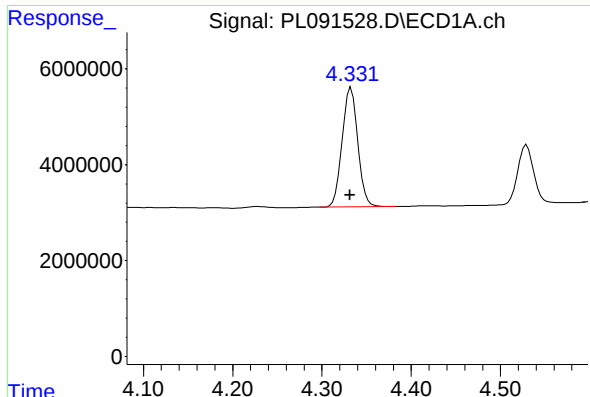
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 31559955
Conc: 10.53 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 29883366
Conc: 10.77 ng/ml



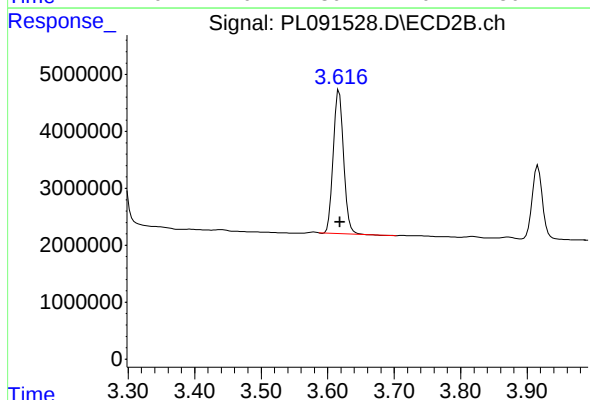
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.001 min
Response: 30282953
Conc: 10.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

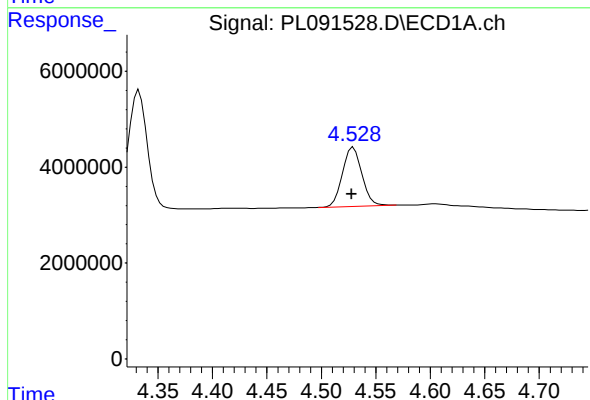
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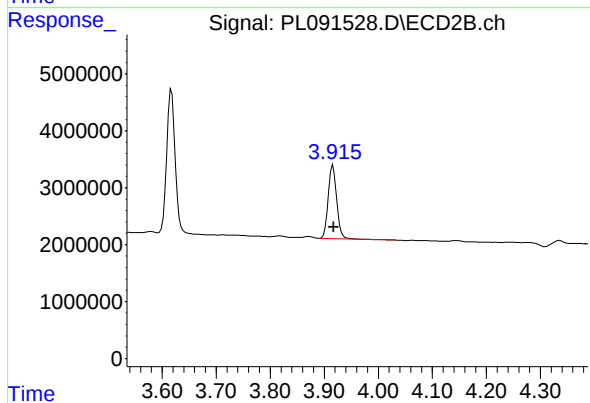
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.001 min
Response: 26993263
Conc: 10.25 ng/ml



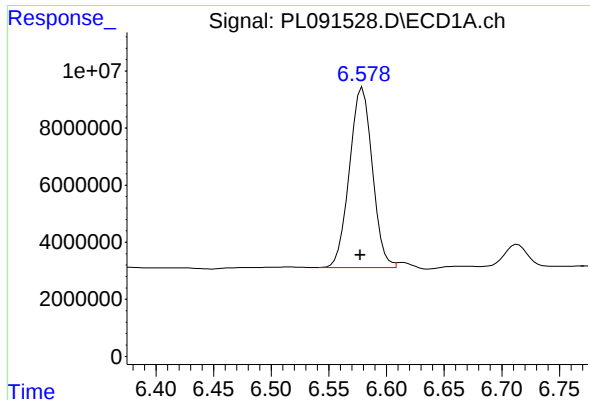
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 15245830
Conc: 11.27 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 13943598
Conc: 11.85 ng/ml



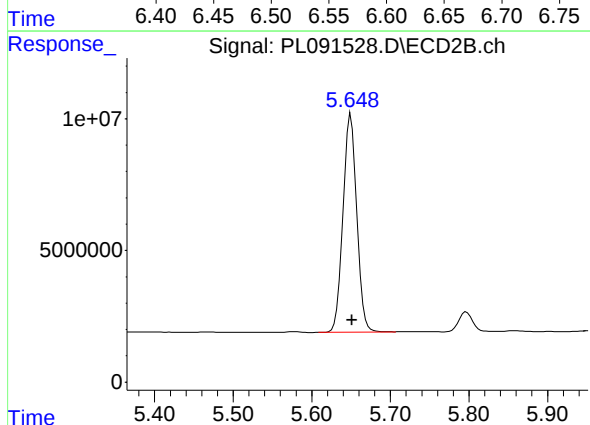
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 87367439
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

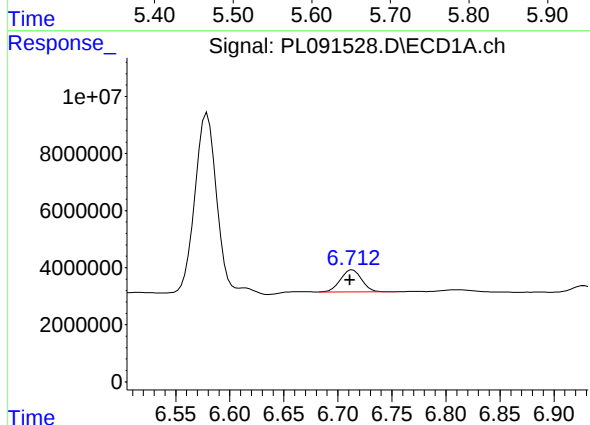
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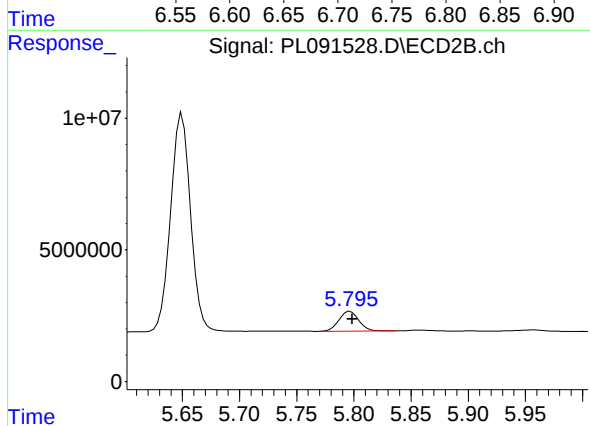
#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 100981794
Conc: 49.57 ng/ml



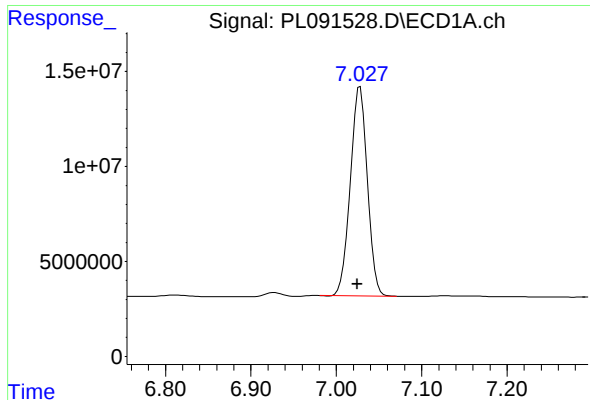
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 10536344
Conc: 6.97 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 9136063
Conc: 5.53 ng/ml



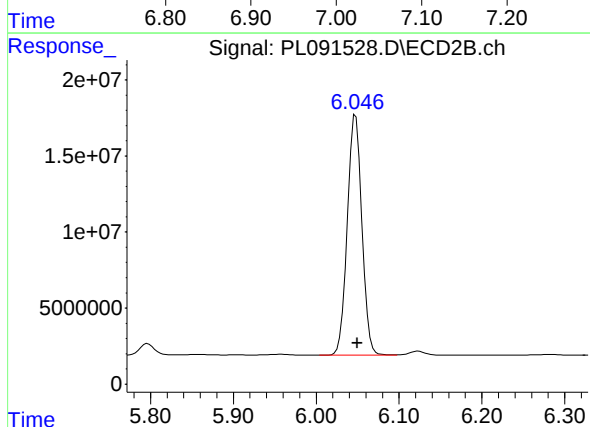
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.003 min
Response: 153142185
Conc: 86.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

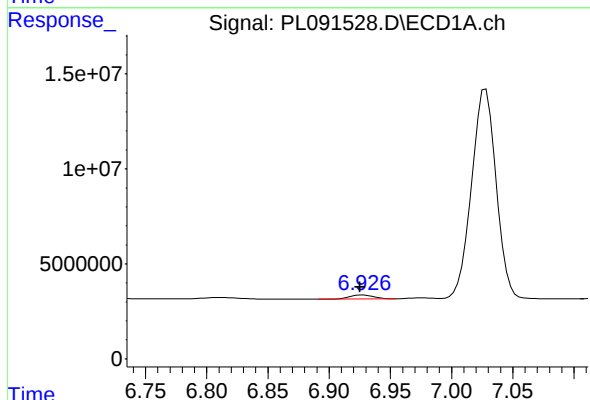
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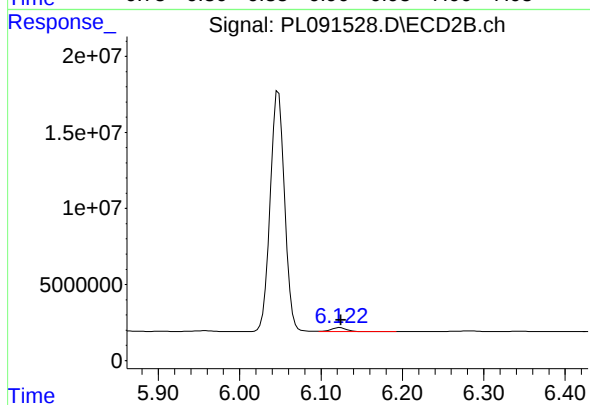
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 193752364
Conc: 109.07 ng/ml



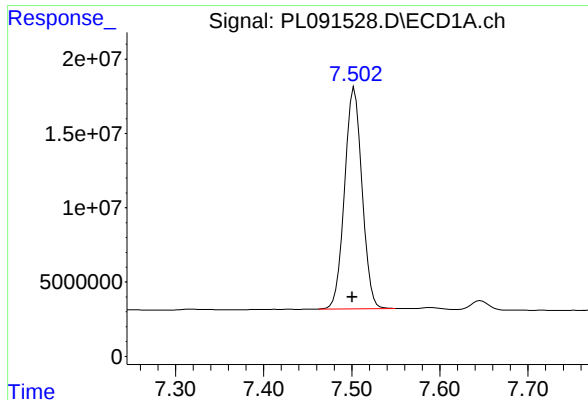
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 2748826
Conc: 1.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 3294672
Conc: 2.12 ng/ml



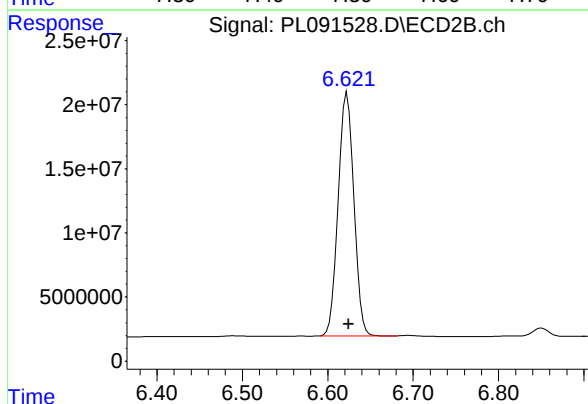
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 204970139
Conc: 217.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

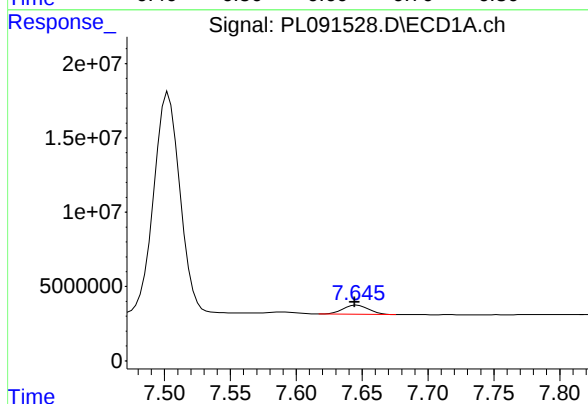
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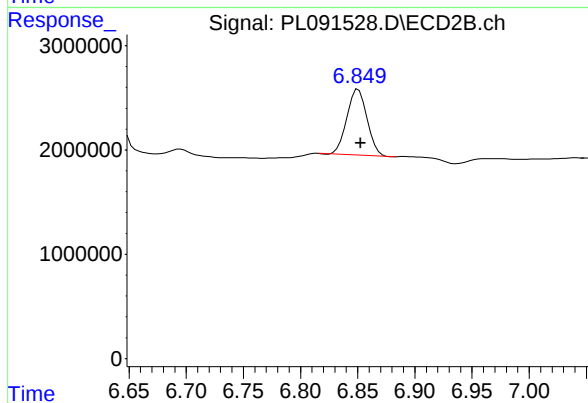
#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 241636161
Conc: 243.34 ng/ml



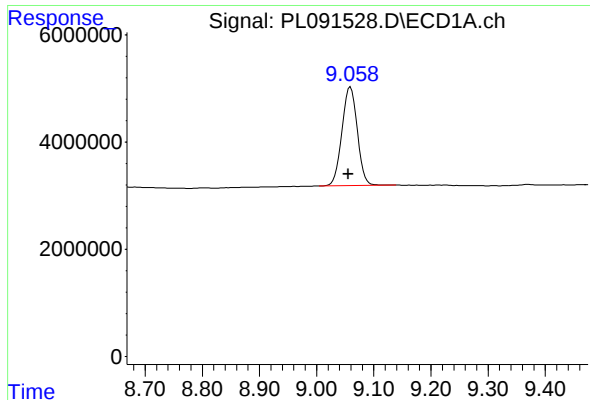
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 8334063
Conc: 3.97 ng/ml m



#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 7810563
Conc: 3.59 ng/ml



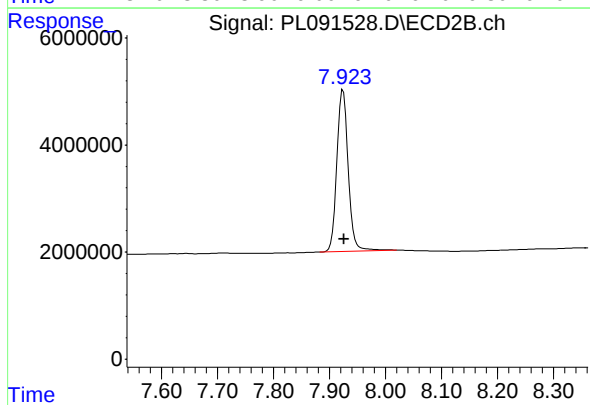
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 34521888
Conc: 22.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 42735453
Conc: 22.56 ng/ml