

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090924\
 Data File : PL091569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2024 15:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/11/2024
 Supervised By : Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 18:05:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:50:55 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	31886731	37703812	20.459	20.159
2)	SA Decachlor...	9.059	7.924	26579029	38659670	21.870	20.936
Target Compounds							
2)	A alpha-BHC	3.999	3.286	22490894	25896502	10.413	9.737
3)	MA gamma-BHC...	4.332	3.616	21892418	23564111	10.650	9.581
6)	B beta-BHC	4.529	3.915	9351602	12246907	10.276	11.210
14)	MA Endrin	6.579	5.649	63873769	88698545	48.037	47.000
16)	A 4,4'-DDD	6.713	5.796	4762458	7434919	3.757	4.437
17)	MA 4,4'-DDT	7.028	6.047	125.7E6	175.3E6	95.812	109.124
18)	B Endrin al...	6.927	6.122	2695867	2592838	2.269	1.897
20)	A Methoxychlor	7.503	6.622	167.6E6	231.0E6	247.717	260.838
21)	B Endrin ke...	7.645	6.850	4394739	5756357	2.842m	2.862

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

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Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

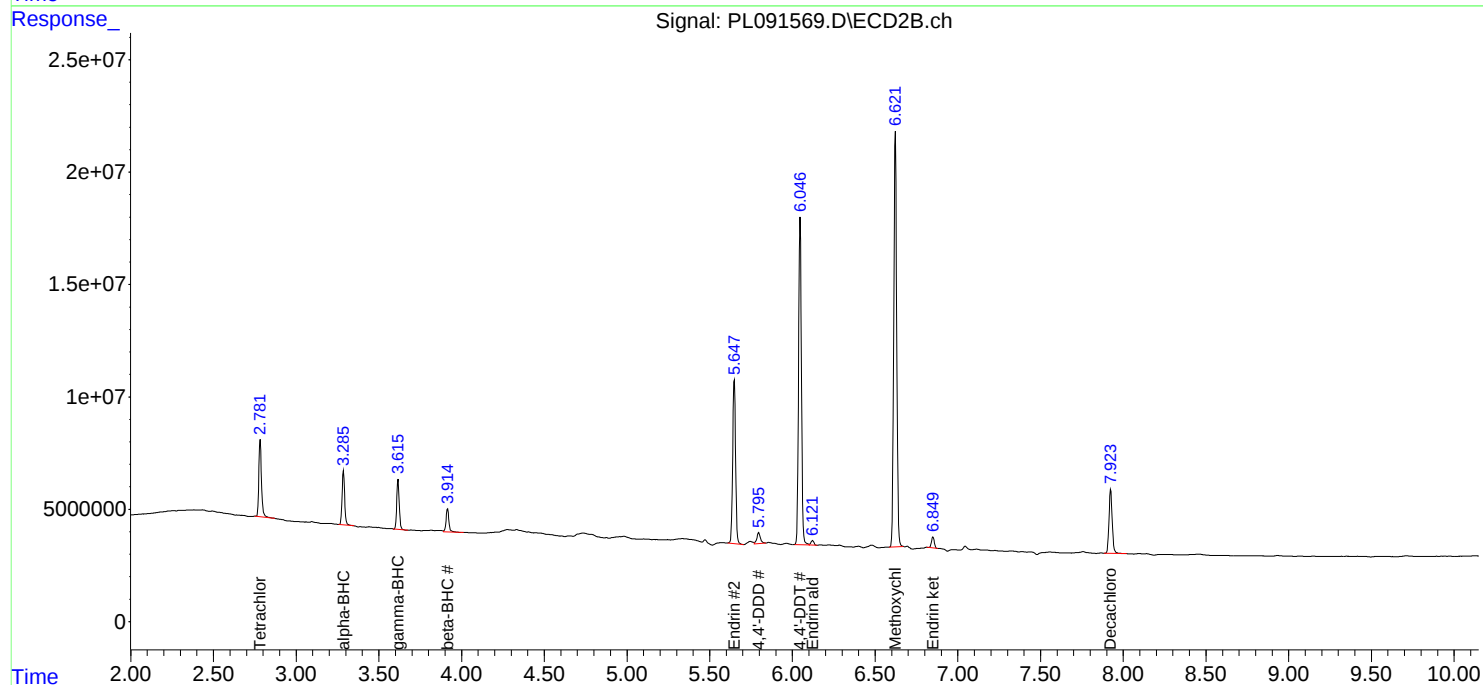
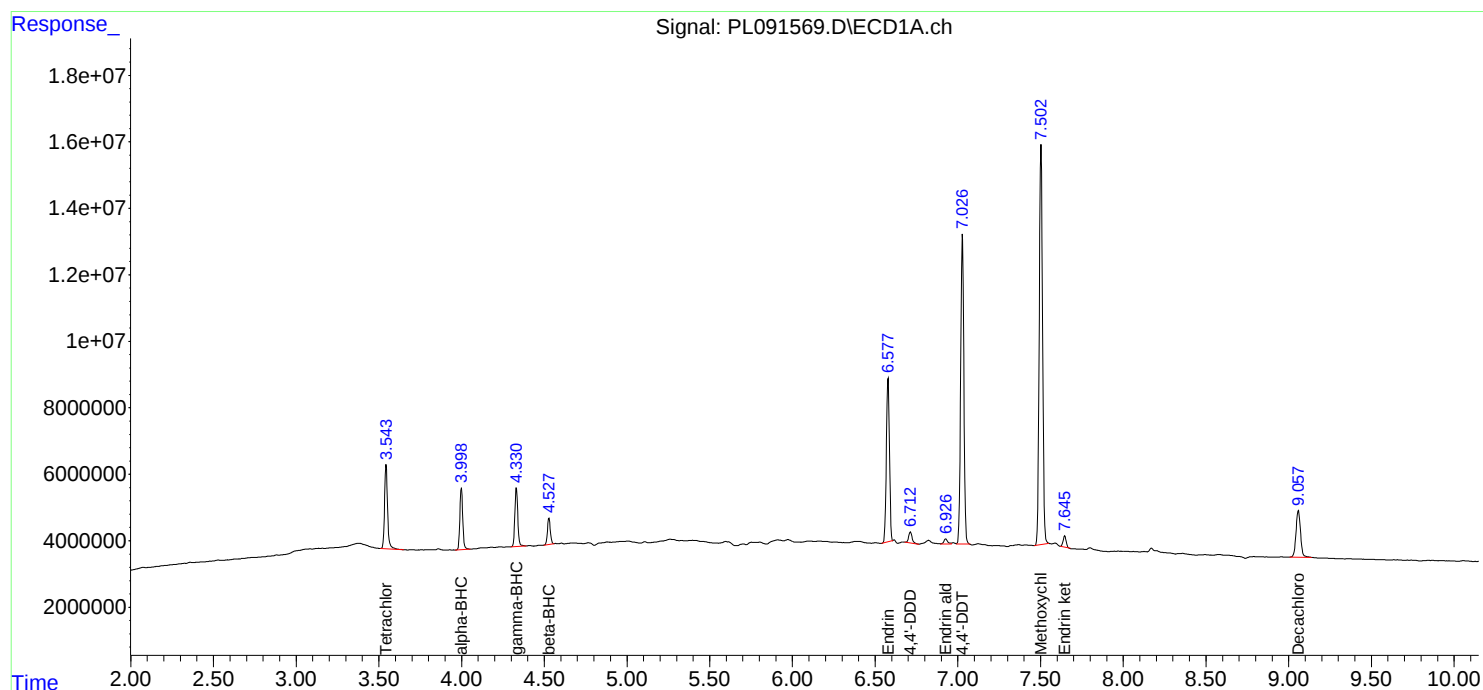
Instrument :
ECD_L
ClientSampleId :
PEM

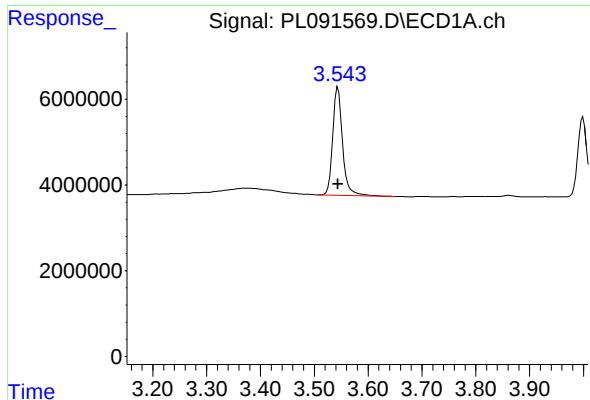
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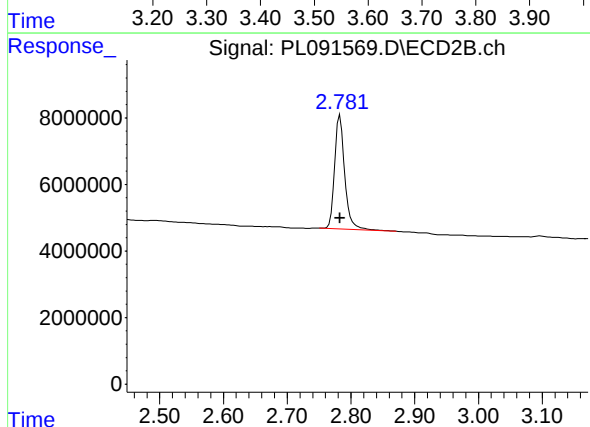
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 31886731
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

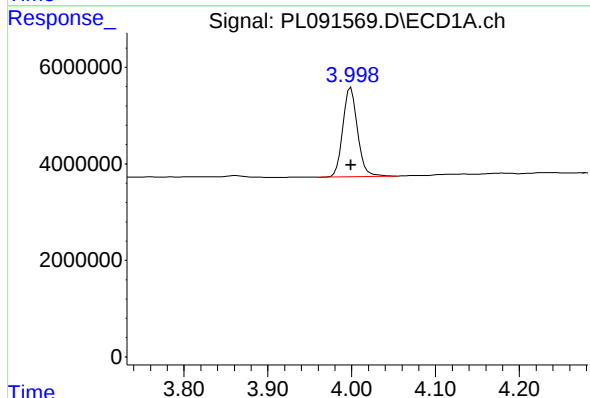
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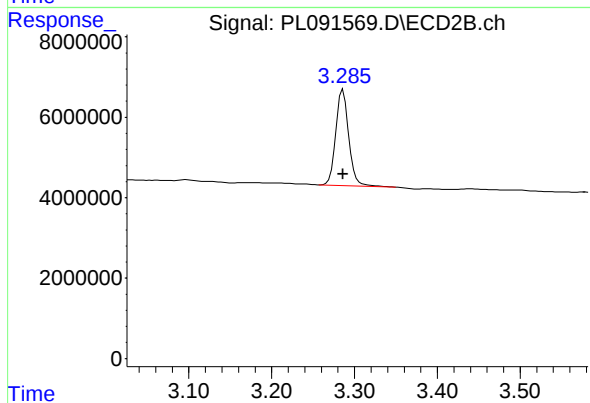
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 37703812
Conc: 20.16 ng/ml



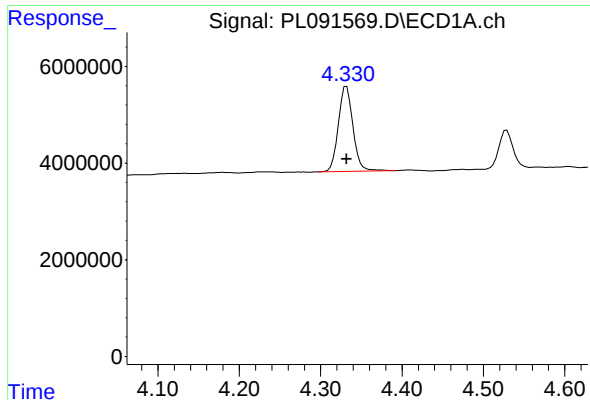
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 22490894
Conc: 10.41 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 25896502
Conc: 9.74 ng/ml



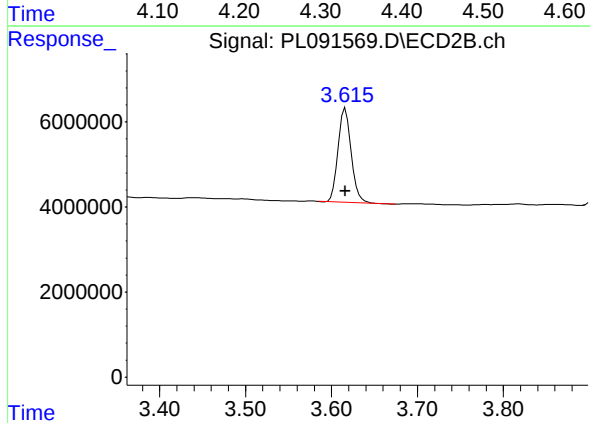
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 21892418
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

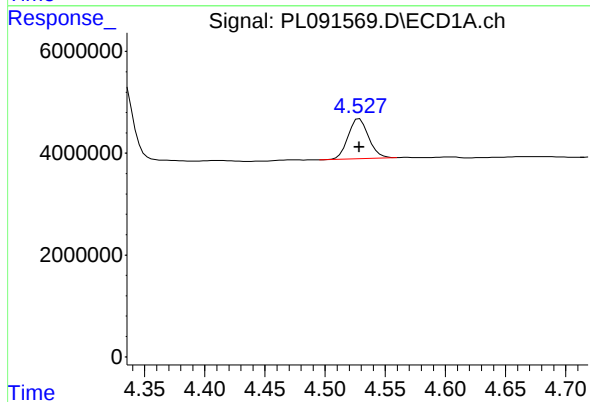
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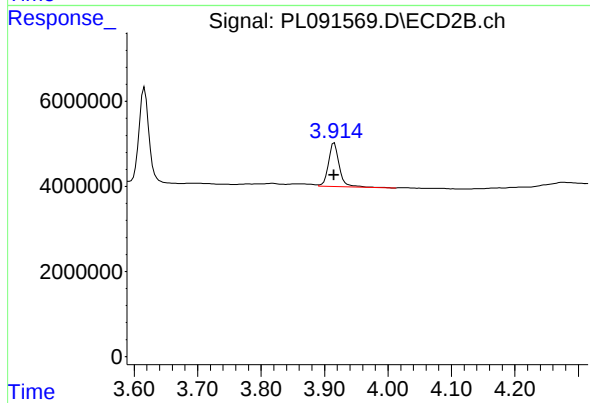
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 23564111
Conc: 9.58 ng/ml



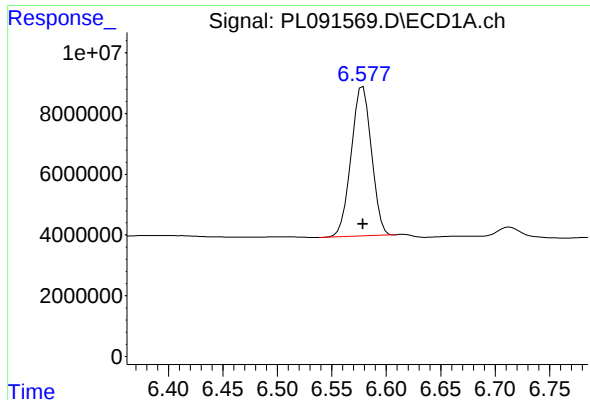
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 9351602
Conc: 10.28 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 12246907
Conc: 11.21 ng/ml



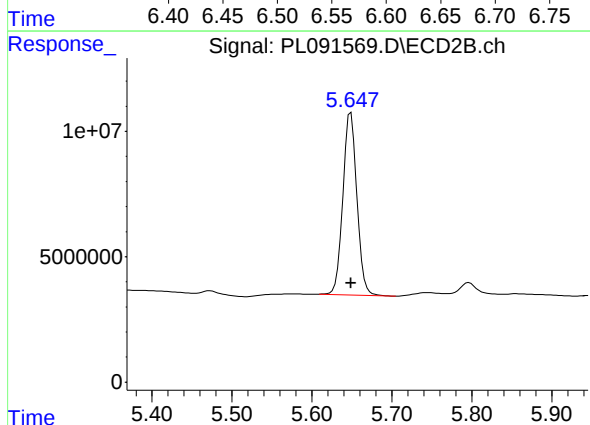
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 63873769
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

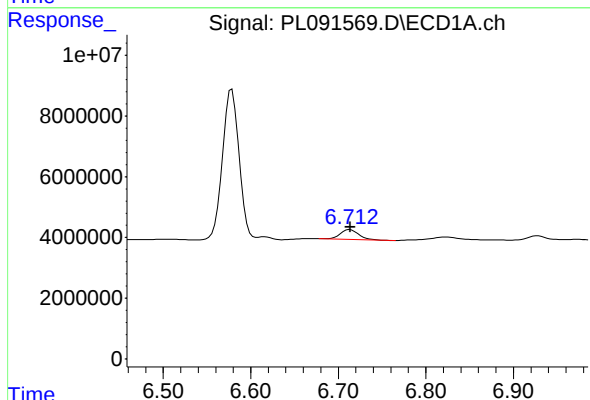
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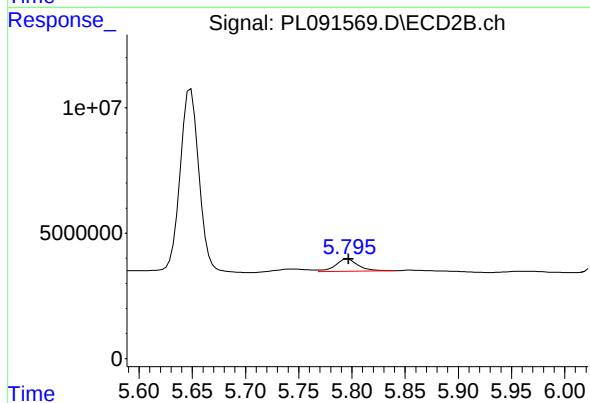
#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 88698545
Conc: 47.00 ng/ml



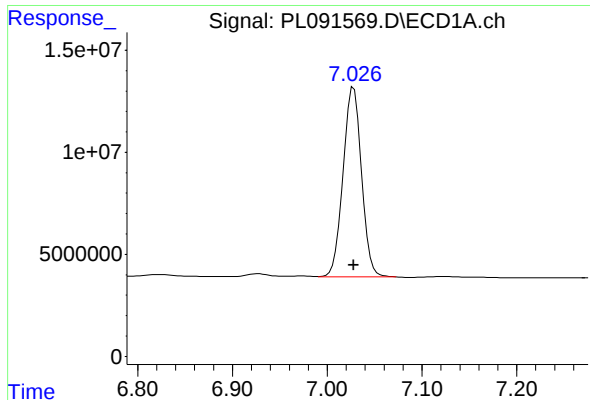
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 4762458
Conc: 3.76 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 7434919
Conc: 4.44 ng/ml



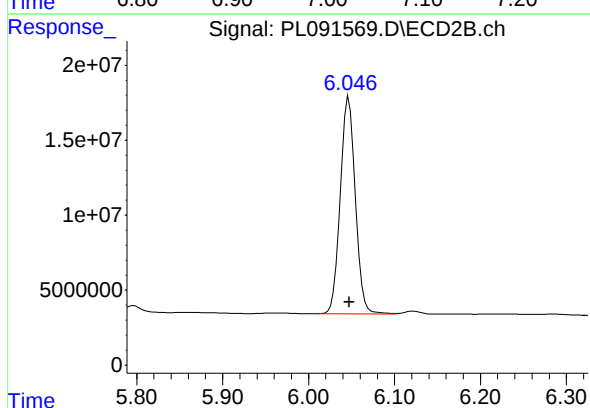
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 125681253
Conc: 95.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

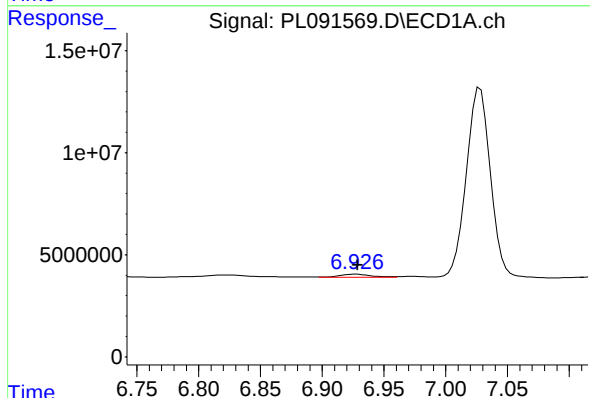
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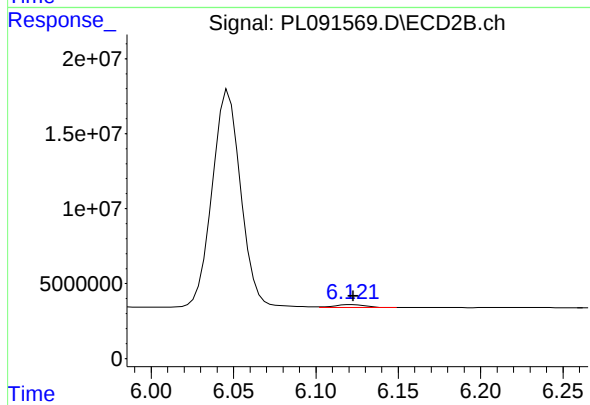
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 175338410
Conc: 109.12 ng/ml



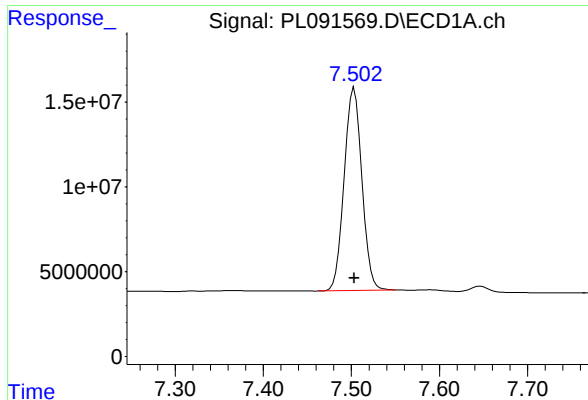
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 2695867
Conc: 2.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 2592838
Conc: 1.90 ng/ml



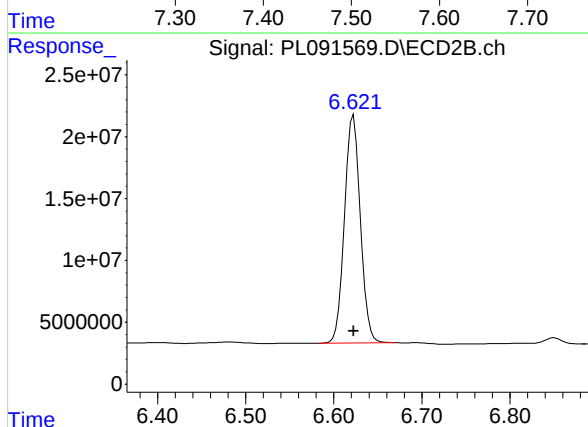
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 167572276
Conc: 247.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

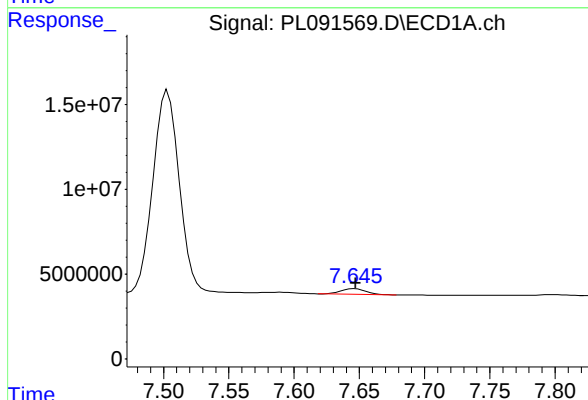
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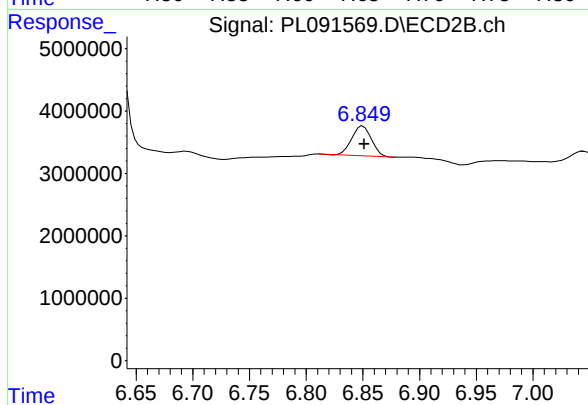
#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 231040879
Conc: 260.84 ng/ml



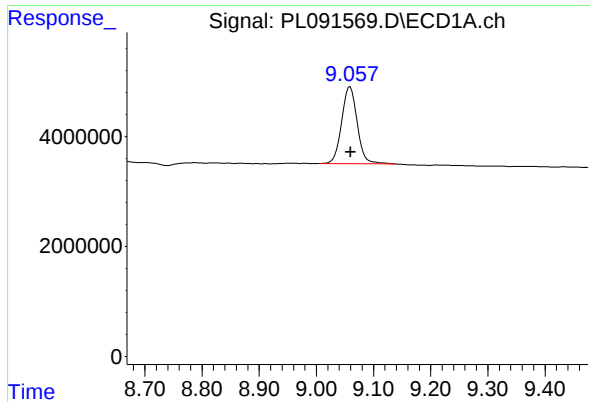
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 4394739
Conc: 2.84 ng/ml m



#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 5756357
Conc: 2.86 ng/ml



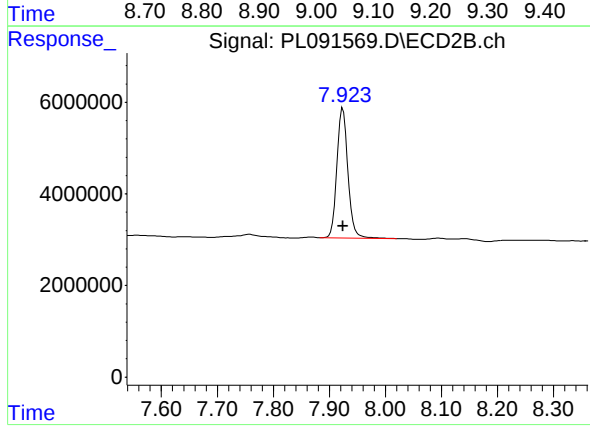
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 26579029
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 38659670
Conc: 20.94 ng/ml