

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 19:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/03/2025
 Supervised By : Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.774	64208122	74728930	23.845	22.894
28) SA Decachlor...	9.056	7.911	43746756	65001026	20.912	18.550
Target Compounds						
2) A alpha-BHC	3.993	3.276	47630507	53034269	12.424	10.848
3) MA gamma-BHC...	4.326	3.606	43873273	49725275	11.913	10.488
6) B beta-BHC	4.525	3.907	20063671	24147956	12.483	12.089
12) B 4,4'-DDE	6.187	5.228	884645	640806	0.363m	0.160m#
14) MA Endrin	6.572	5.637	110.6E6	187.9E6	47.156m	50.897
16) A 4,4'-DDD	6.709	5.785	10946404	14651601	5.760	4.642
17) MA 4,4'-DDT	7.024	6.034	193.7E6	354.5E6	98.201	108.944
18) B Endrin al...	6.924	6.110	3858594	7418835	1.985	2.437
20) A Methoxychlor	7.501	6.611	241.5E6	420.9E6	231.467	235.364
21) B Endrin ke...	7.644	6.839	9593113	16487711	3.803	3.930

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

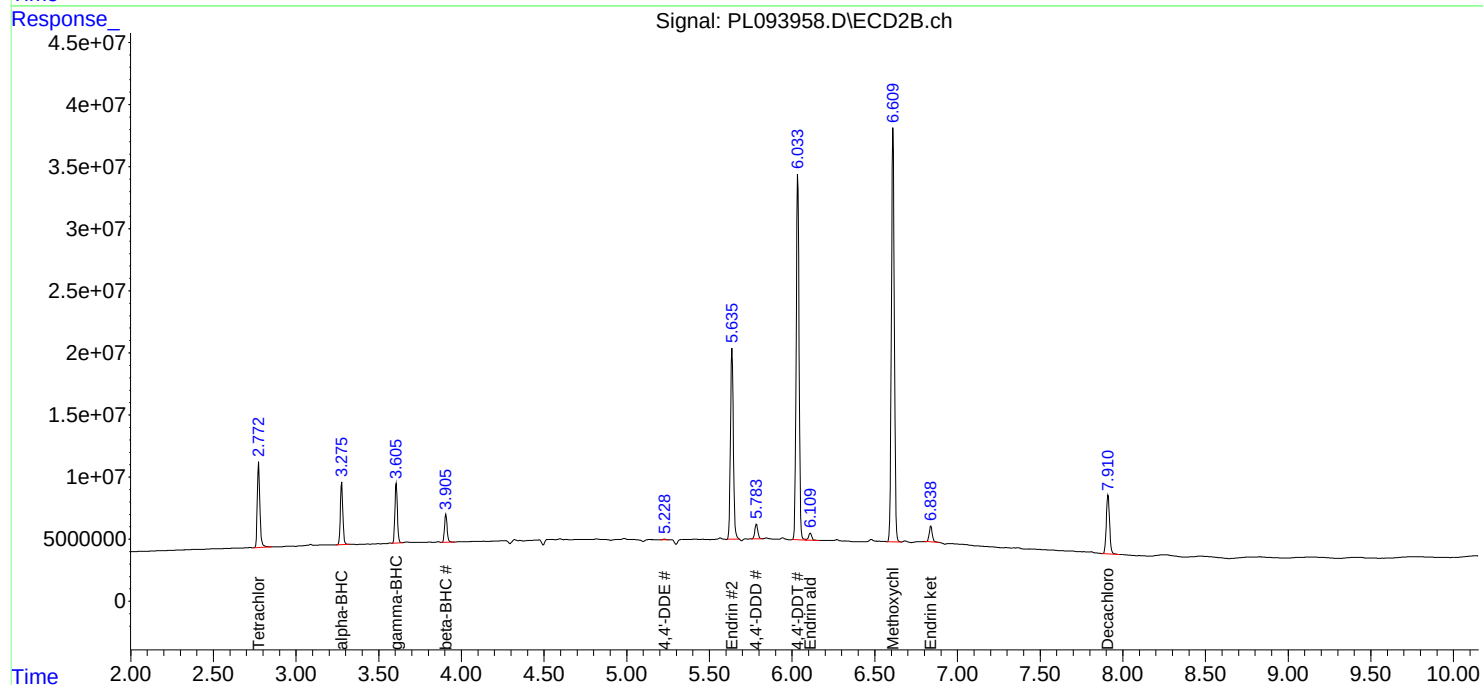
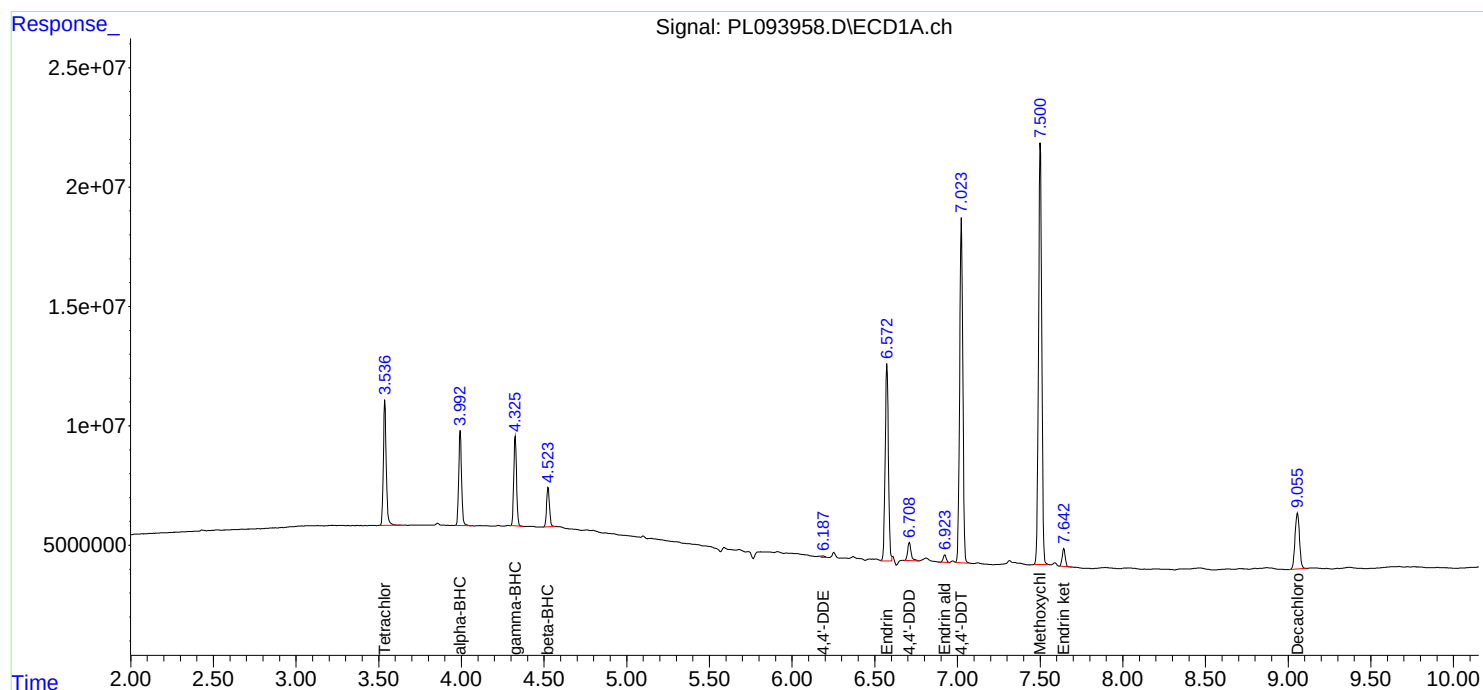
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ECD_L
ClientSampleId :
PEM

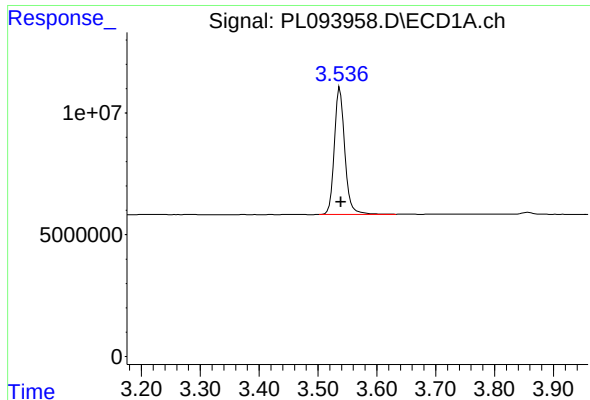
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Integration File signal 1: autoint1.e
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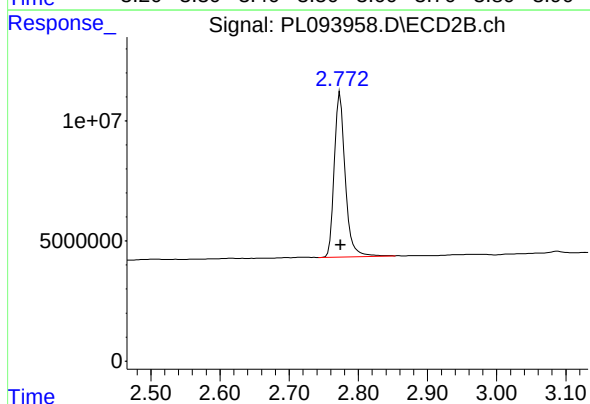
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 64208122
Conc: 23.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

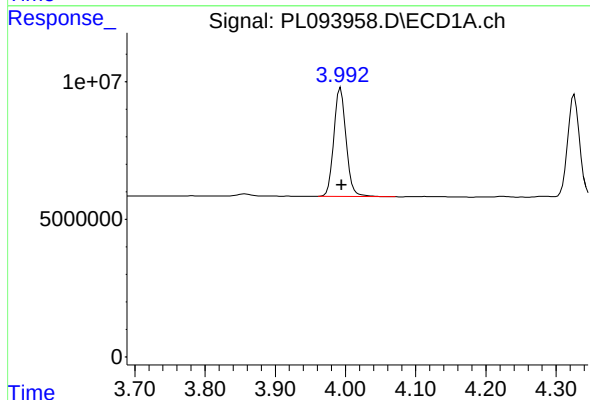
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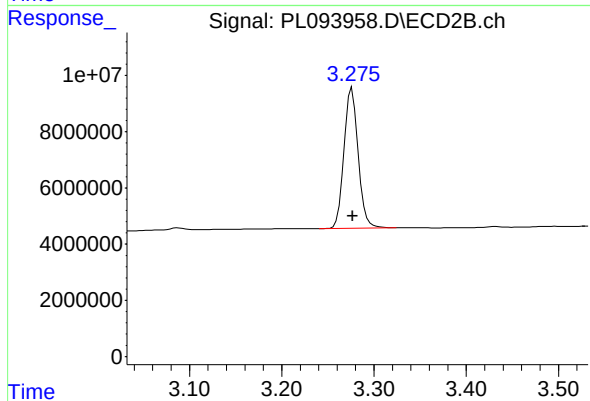
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 74728930
Conc: 22.89 ng/ml



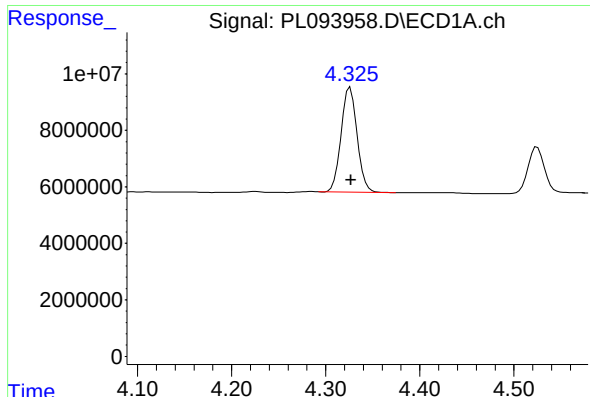
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 47630507
Conc: 12.42 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 53034269
Conc: 10.85 ng/ml



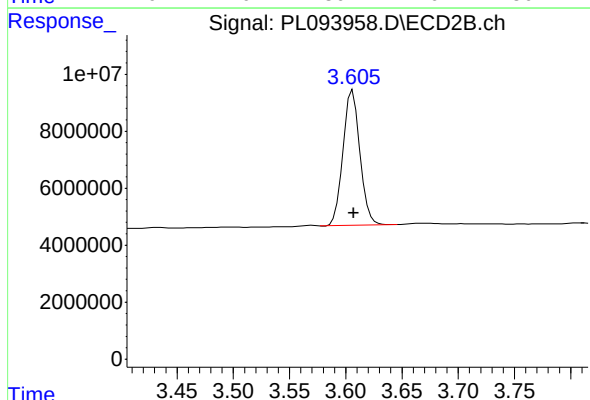
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 43873273
Conc: 11.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

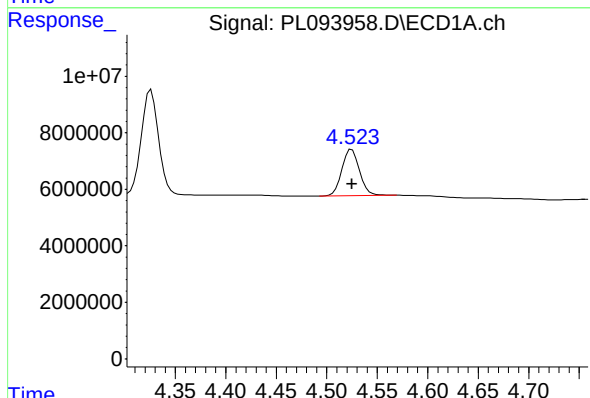
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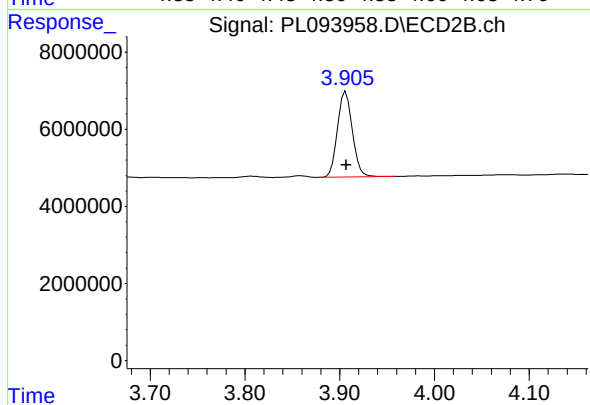
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 49725275
Conc: 10.49 ng/ml



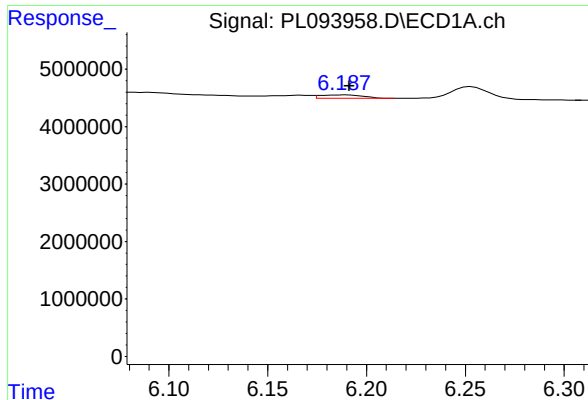
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 20063671
Conc: 12.48 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 24147956
Conc: 12.09 ng/ml



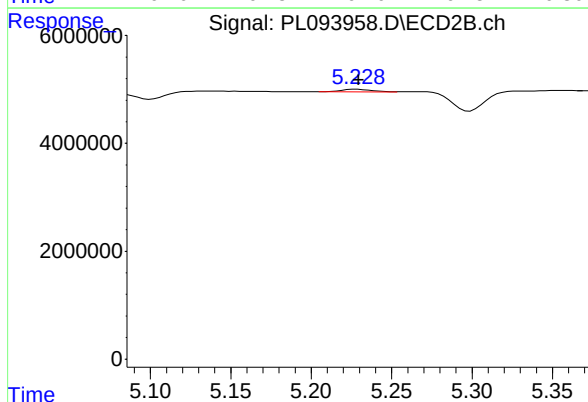
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 884645
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

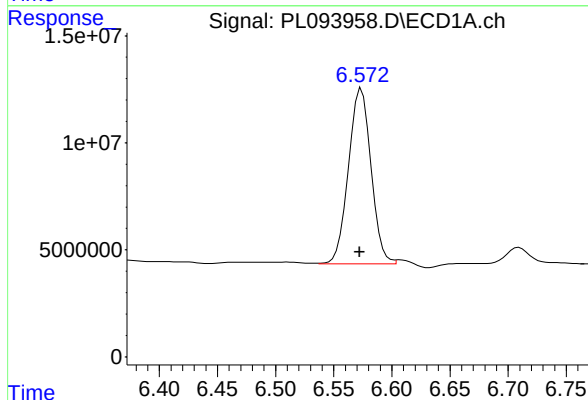
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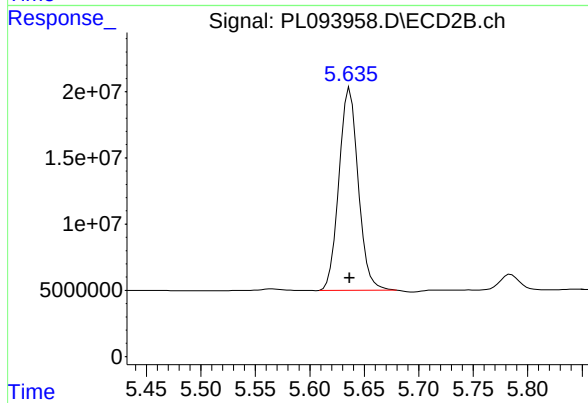
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 640806
Conc: 0.16 ng/ml



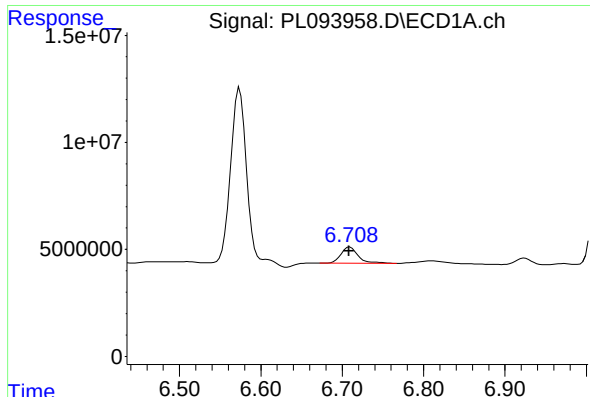
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 110571792
Conc: 47.16 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 187947389
Conc: 50.90 ng/ml



#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 10946404
Conc: 5.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#16 4,4'-DDD

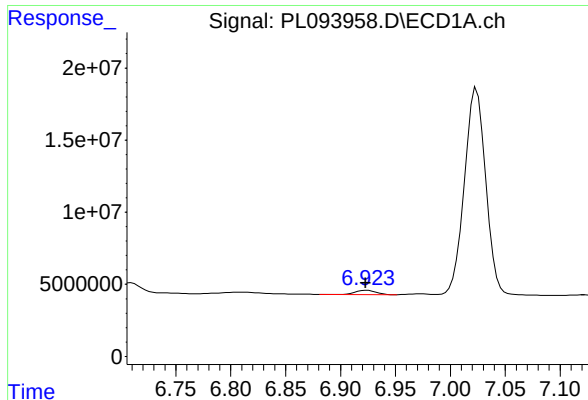
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 14651601
Conc: 4.64 ng/ml

#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 193658434
Conc: 98.20 ng/ml

#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 354508166
Conc: 108.94 ng/ml



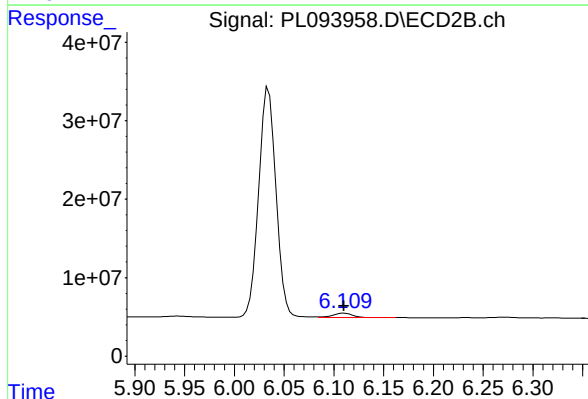
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 3858594
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

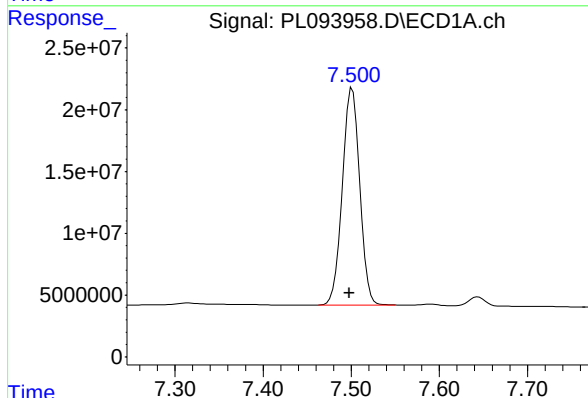
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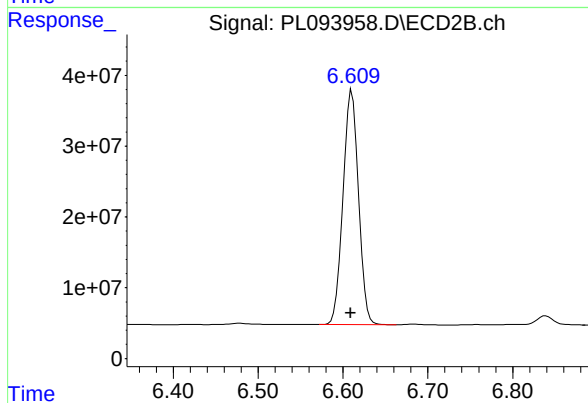
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 7418835
Conc: 2.44 ng/ml



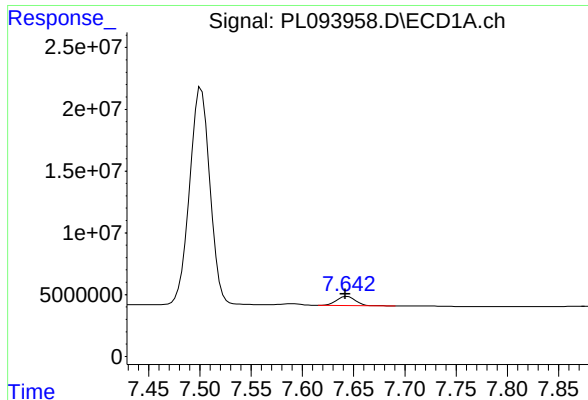
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 241512375
Conc: 231.47 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 420862172
Conc: 235.36 ng/ml



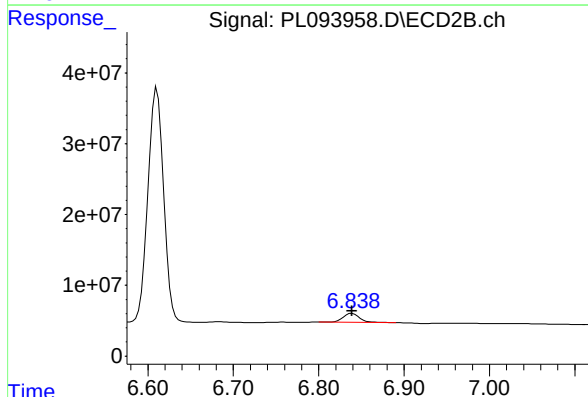
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 9593113
Conc: 3.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

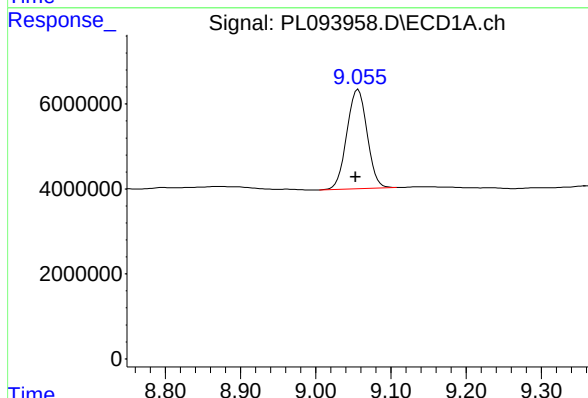
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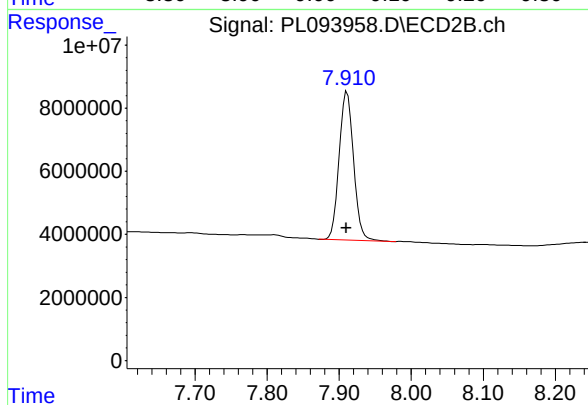
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 16487711
Conc: 3.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.004 min
Response: 43746756
Conc: 20.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 65001026
Conc: 18.55 ng/ml