

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 11:04
 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 00:23:18 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...	3.536	2.773	59160870	68856501	21.970	21.095
28) SA Decachlor...	9.055	7.909	43538365	71991432	20.813	20.545
Target Compounds						
2) A alpha-BHC	3.993	3.276	44899644	49070780	11.711	10.037
3) MA gamma-BHC...	4.325	3.606	42528053	44605929	11.548	9.408
6) B beta-BHC	4.524	3.906	19203907	21501109	11.948	10.764
14) MA Endrin	6.571	5.636	114.1E6	194.2E6	48.647m	52.601
16) A 4,4'-DDD	6.708	5.783	1740092	1823996	0.916m	0.578m#
17) MA 4,4'-DDT	7.023	6.034	220.2E6	385.2E6	111.678	118.388
18) B Endrin al...	6.923	6.110	3204040	5122986	1.648	1.683
20) A Methoxychlor	7.499	6.609	275.2E6	477.2E6	263.715	266.852
21) B Endrin ke...	7.642	6.838	6132437	7415103	2.431	1.768 #

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

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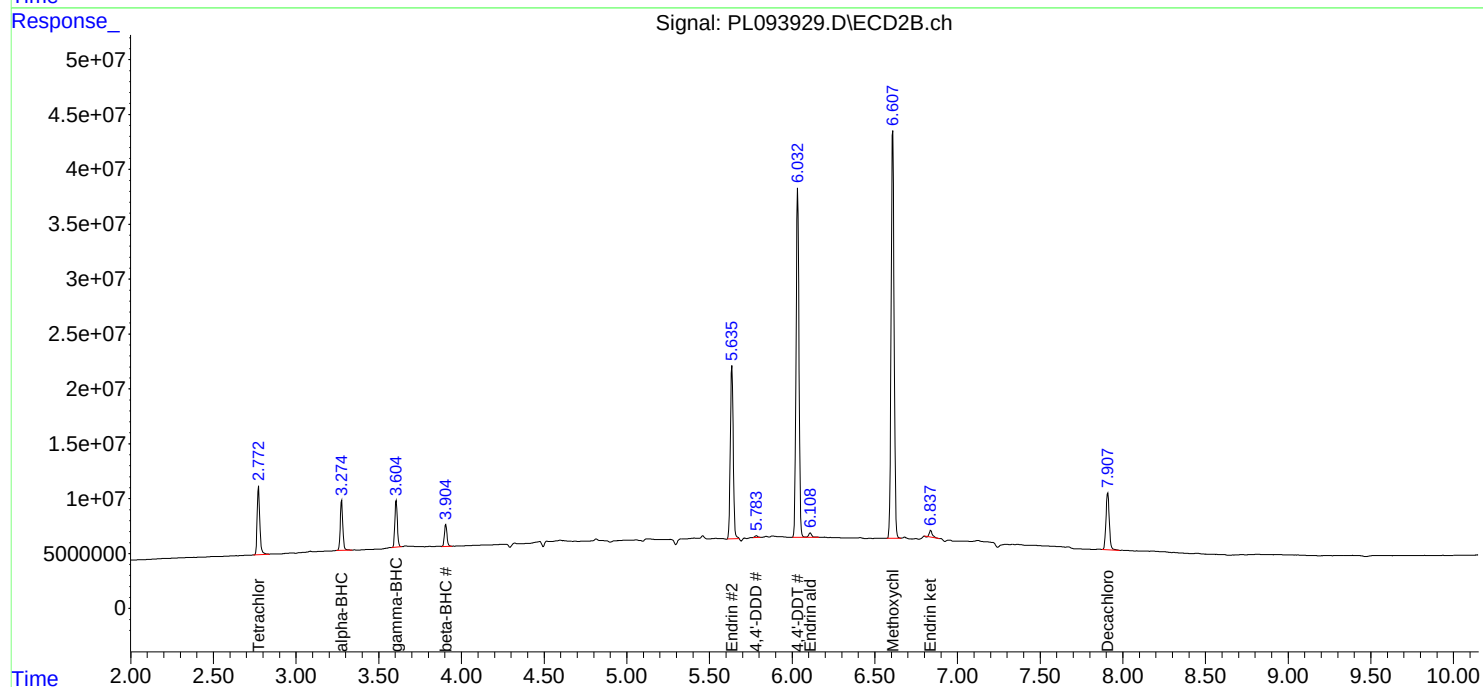
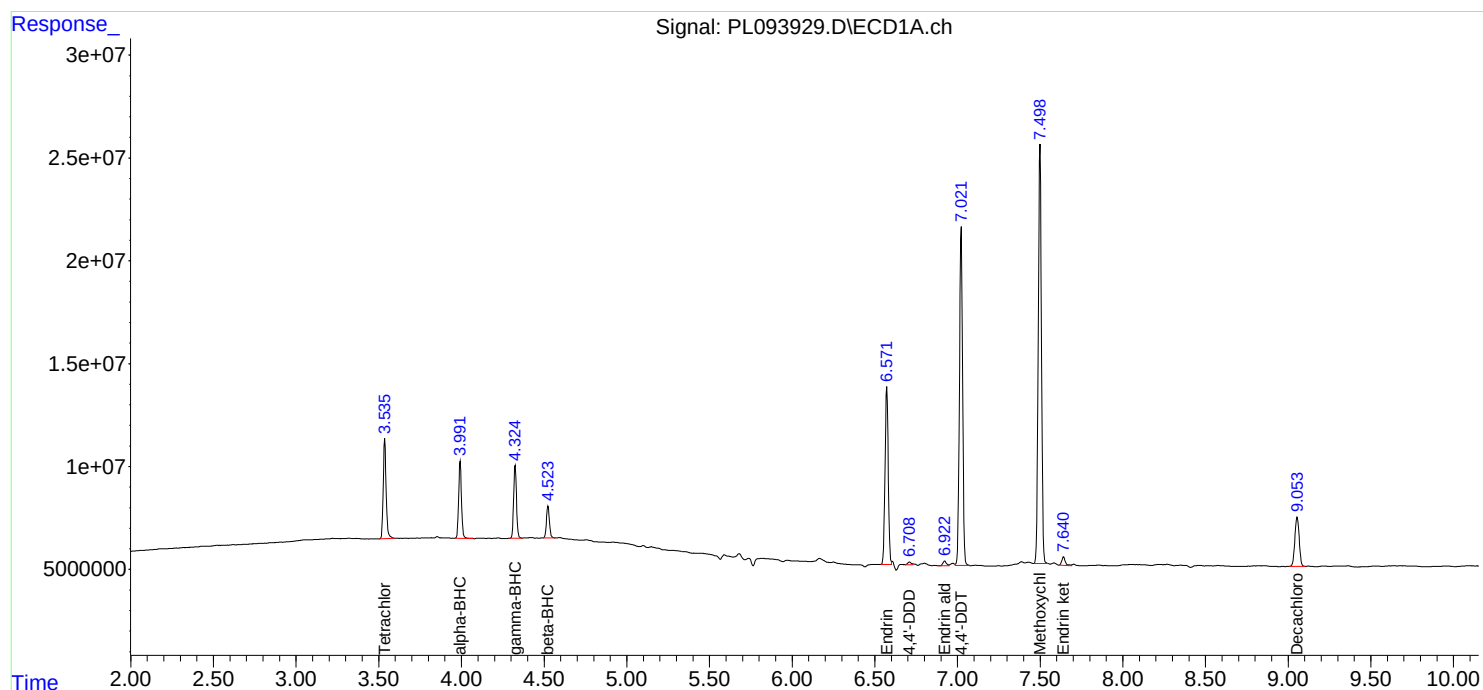
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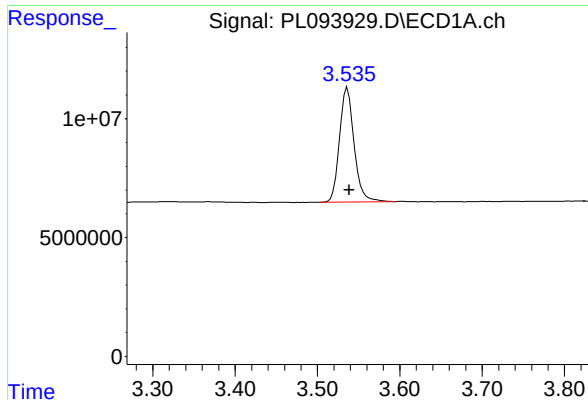
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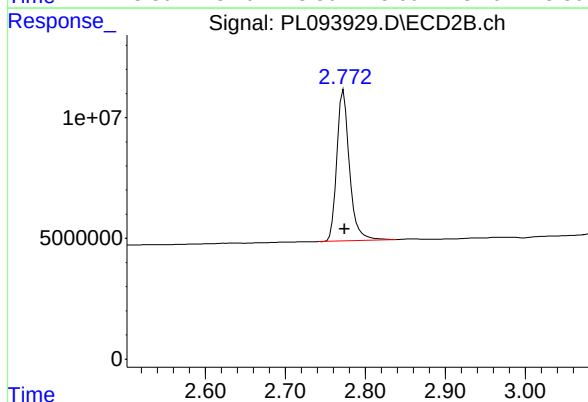
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 59160870
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

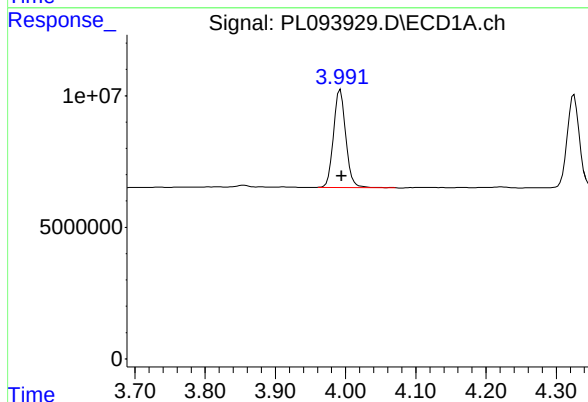
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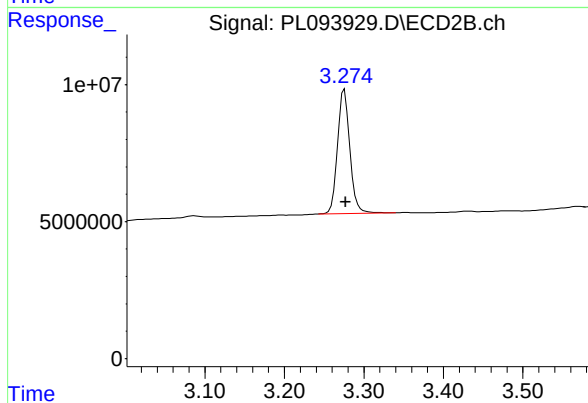
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.002 min
Response: 68856501
Conc: 21.09 ng/ml



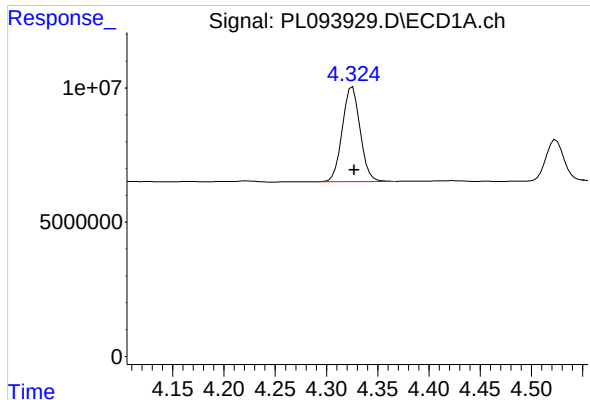
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 44899644
Conc: 11.71 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 49070780
Conc: 10.04 ng/ml



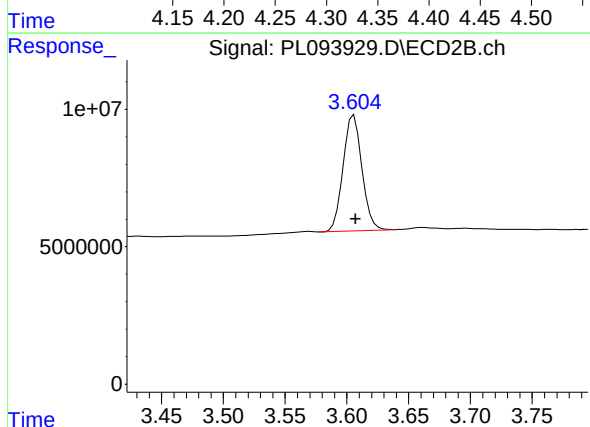
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 42528053
Conc: 11.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

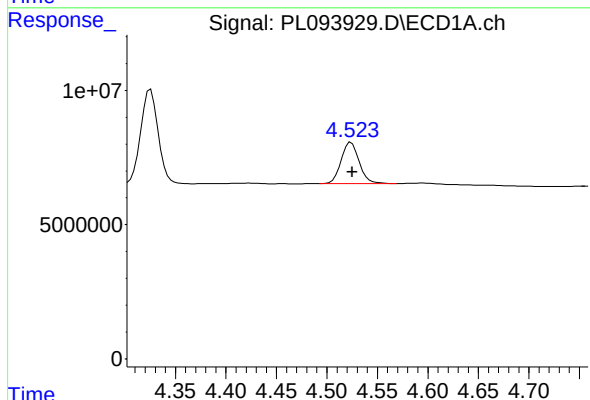
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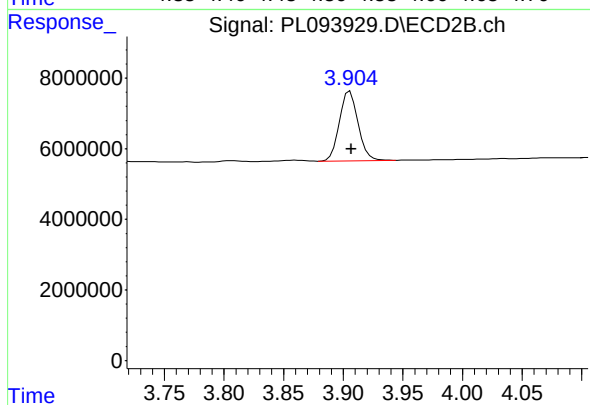
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 44605929
Conc: 9.41 ng/ml



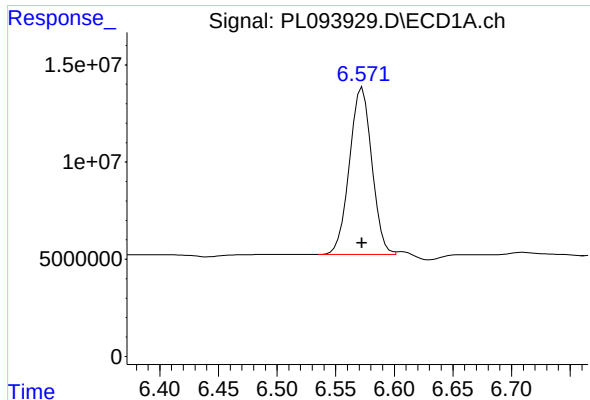
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 19203907
Conc: 11.95 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 21501109
Conc: 10.76 ng/ml



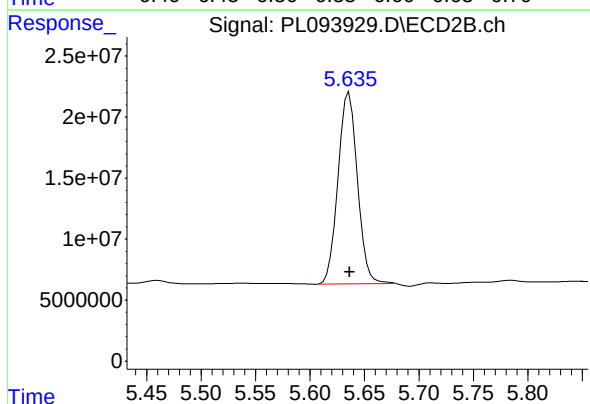
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 114069037
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

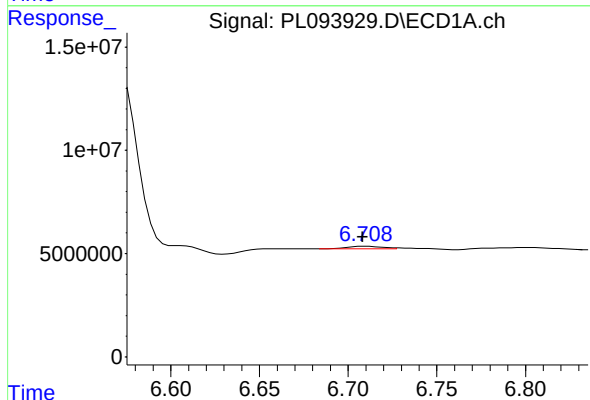
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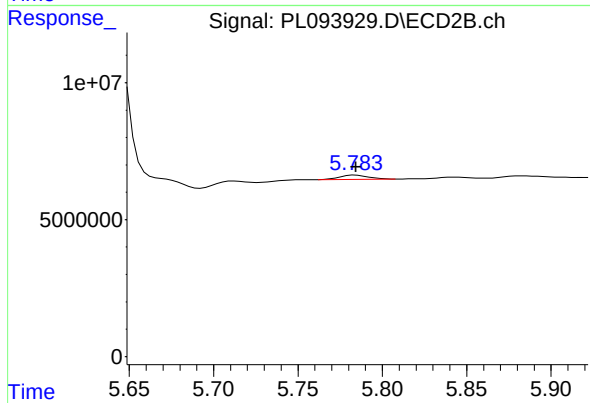
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 194240646
Conc: 52.60 ng/ml



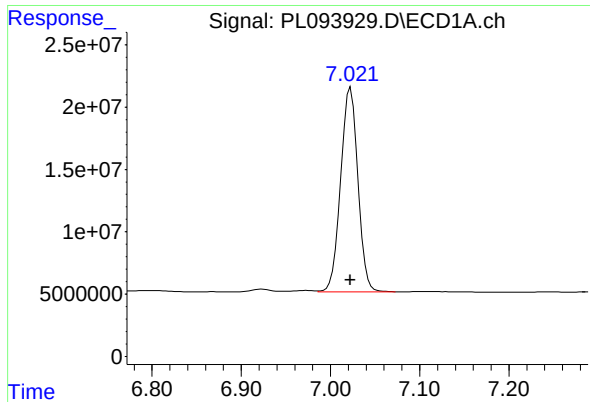
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 1740092
Conc: 0.92 ng/ml m



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 1823996
Conc: 0.58 ng/ml m



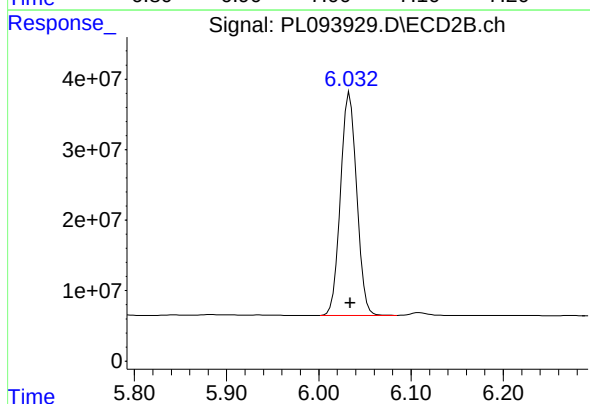
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 220234745
Conc: 111.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

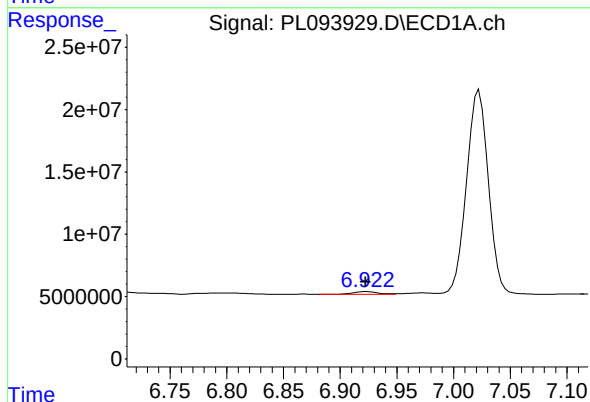
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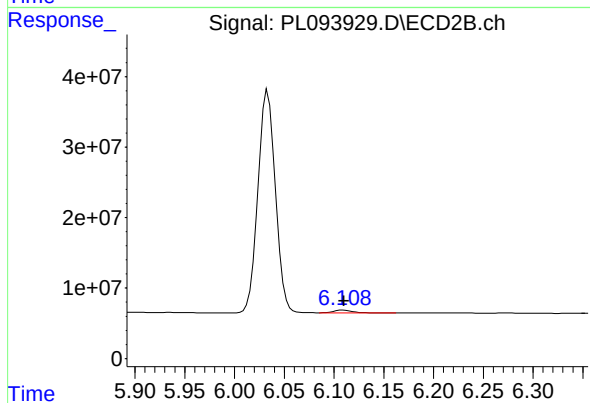
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 385239381
Conc: 118.39 ng/ml



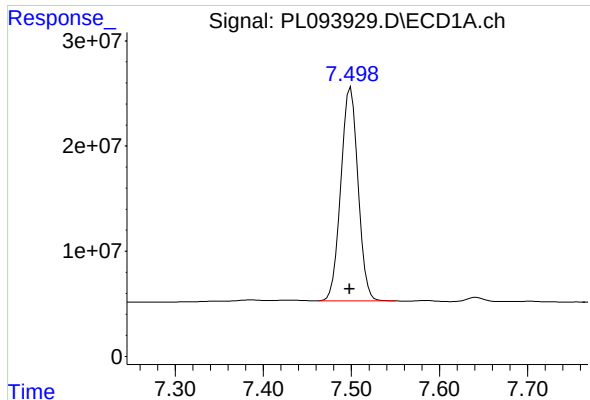
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3204040
Conc: 1.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 5122986
Conc: 1.68 ng/ml



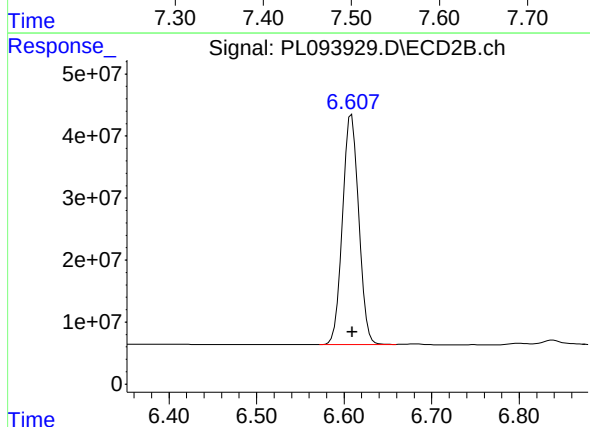
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 275158888
Conc: 263.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

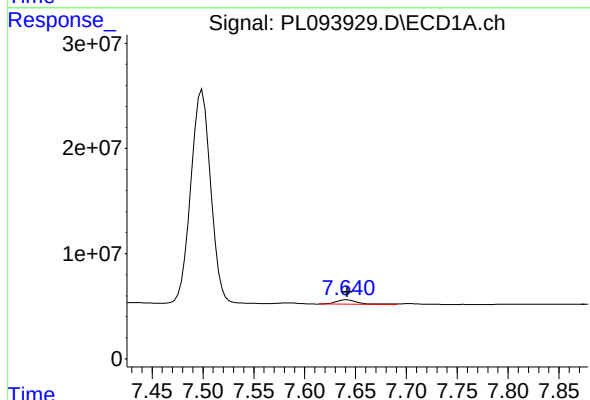
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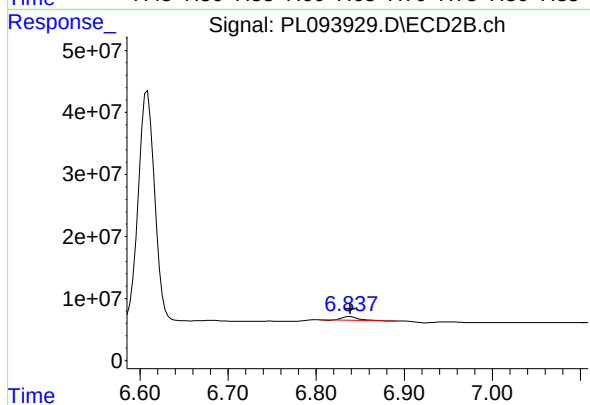
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 477168648
Conc: 266.85 ng/ml



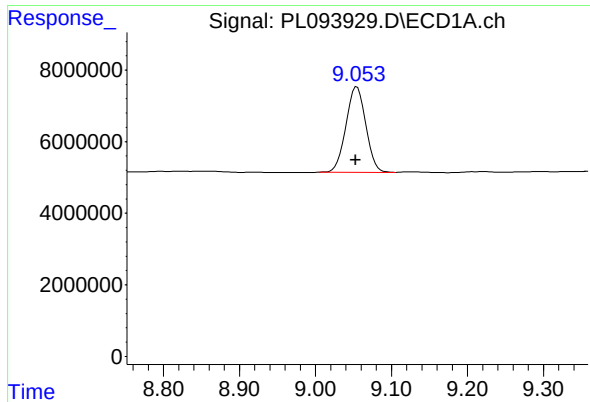
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 6132437
Conc: 2.43 ng/ml



#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 7415103
Conc: 1.77 ng/ml



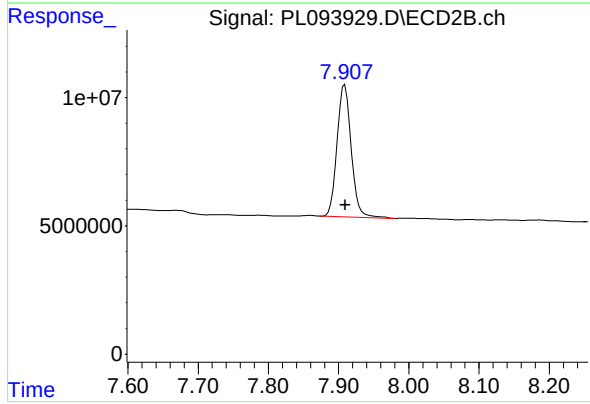
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 43538365
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 71991432
Conc: 20.55 ng/ml