

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
 Data File : PL093503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2024 18:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2024
 Supervised By : Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 01:48:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.540	2.776	48283632	55645282	19.503	19.114
28)	SA Decachlor...	9.053	7.911	37790284	60290637	20.438	20.192
Target Compounds							
2)	A alpha-BHC	3.996	3.278	34642906	39984980	10.034	9.199
3)	MA gamma-BHC...	4.328	3.608	32267938	36478886	9.839	8.646
6)	B beta-BHC	4.526	3.908	14313547	18158707	9.929	10.102
14)	MA Endrin	6.573	5.638	88548259	144.9E6	41.139m	43.809
16)	A 4,4'-DDD	6.710	5.786	5953613	7687316	3.391	2.716
17)	MA 4,4'-DDT	7.024	6.036	158.5E6	294.4E6	85.754	97.467
18)	B Endrin al...	6.924	6.112	3879692	7024292	2.186	2.608
20)	A Methoxychlor	7.500	6.611	201.3E6	359.0E6	201.346	223.014
21)	B Endrin ke...	7.642	6.839	7412999	10931443	3.304	3.003

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

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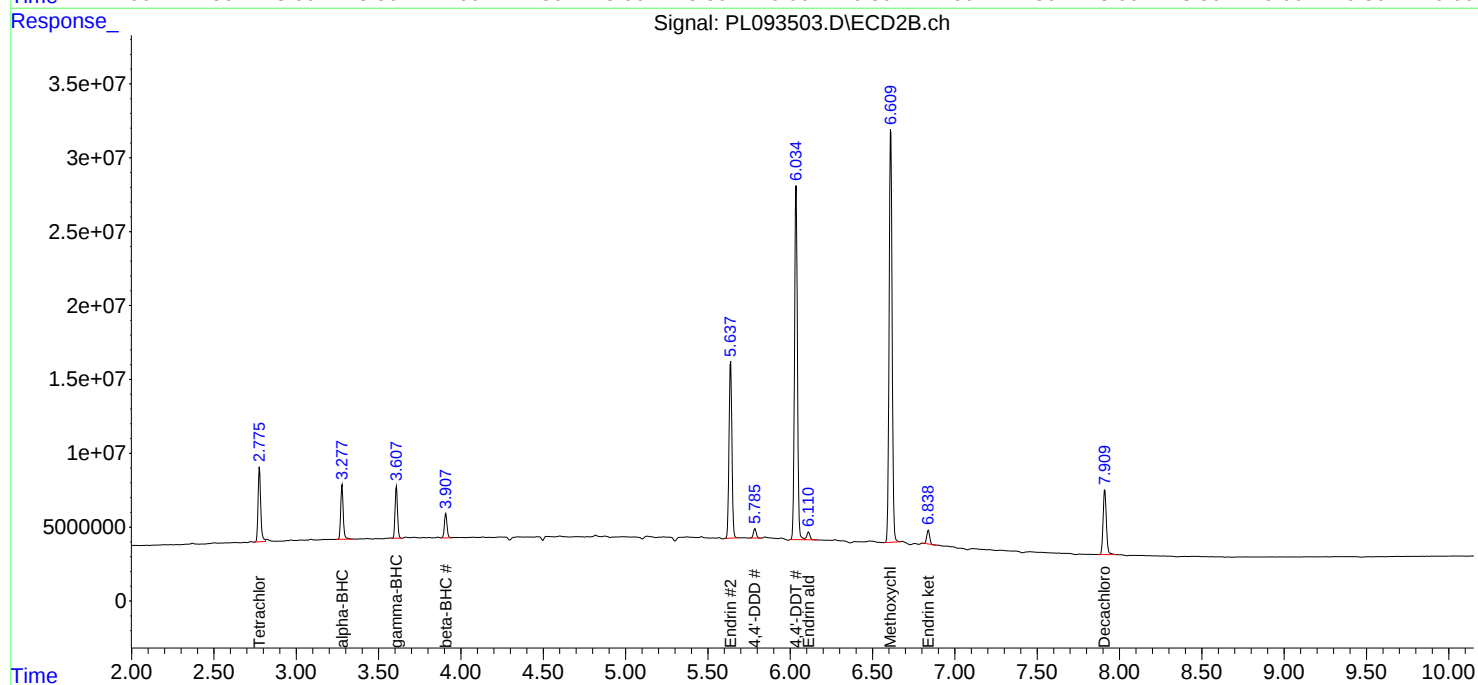
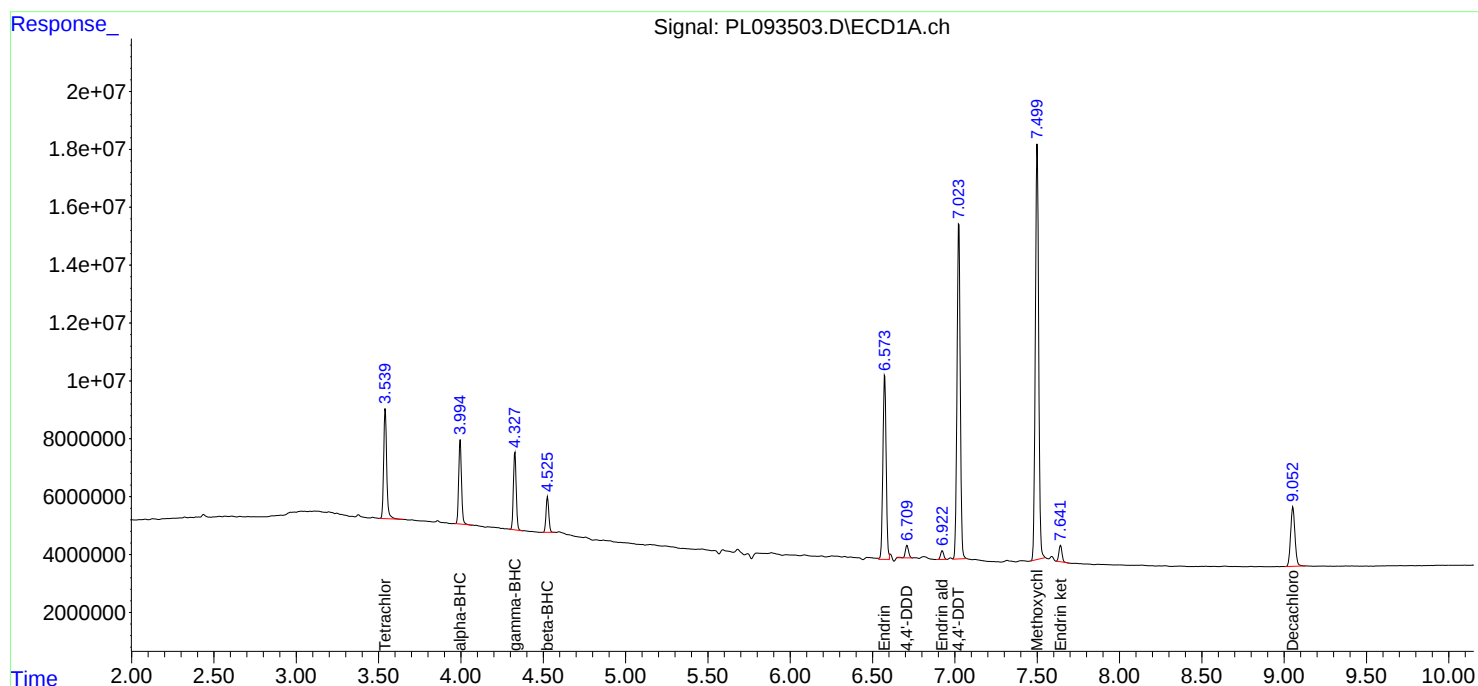
Instrument :
ECD_L
ClientSampleId :
PEM

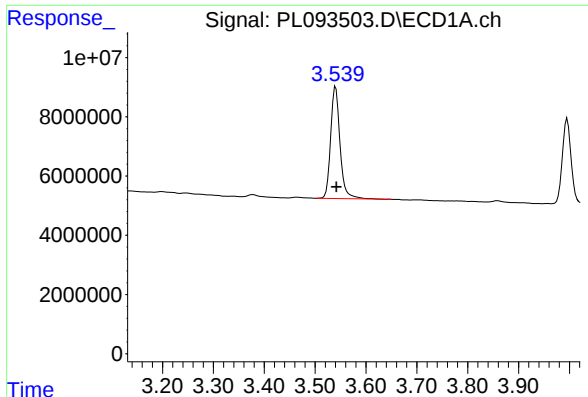
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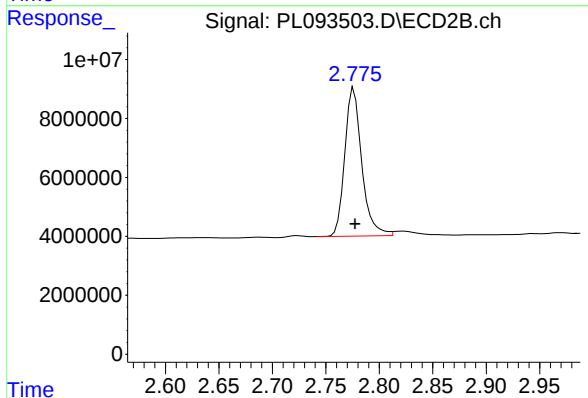
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 48283632
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

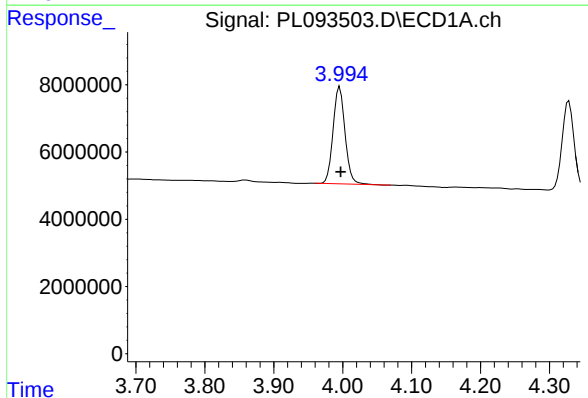
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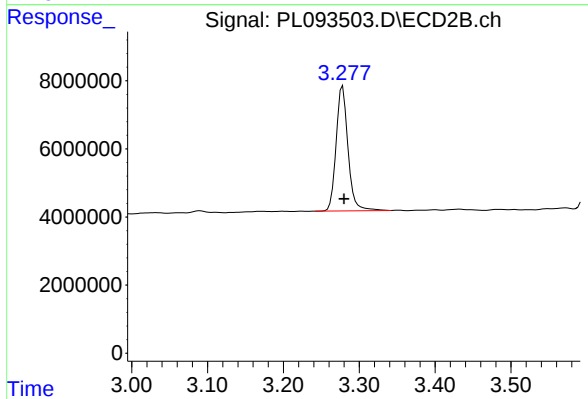
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 55645282
Conc: 19.11 ng/ml



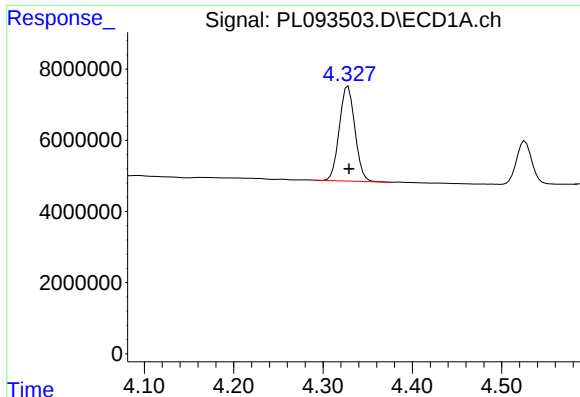
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 34642906
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 39984980
Conc: 9.20 ng/ml



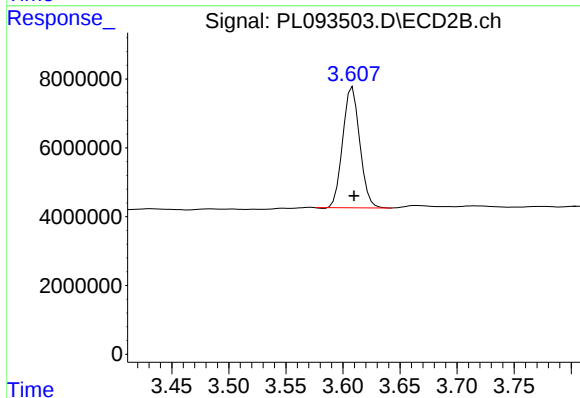
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 32267938
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

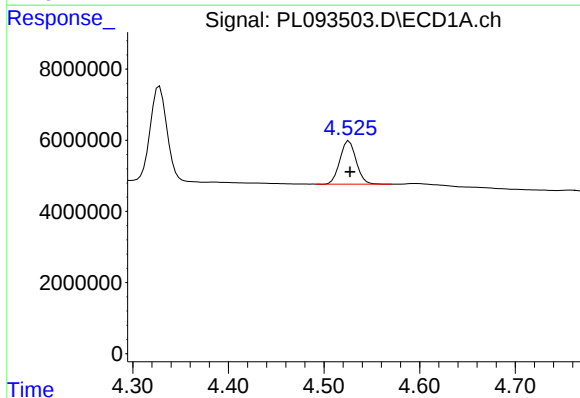
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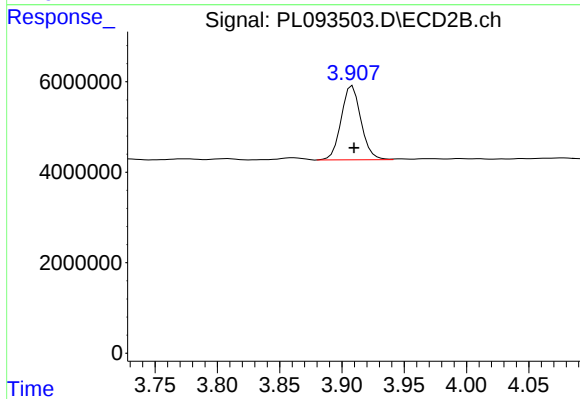
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.001 min
Response: 36478886
Conc: 8.65 ng/ml



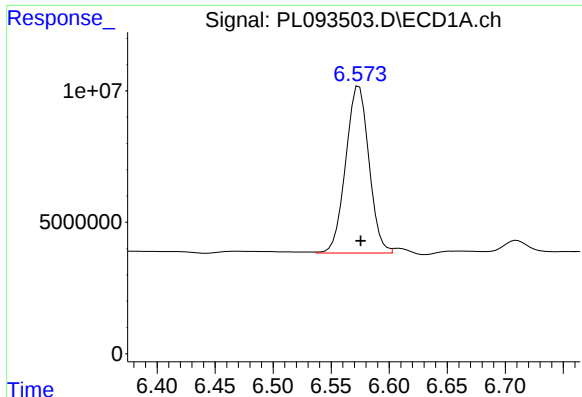
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 14313547
Conc: 9.93 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 18158707
Conc: 10.10 ng/ml



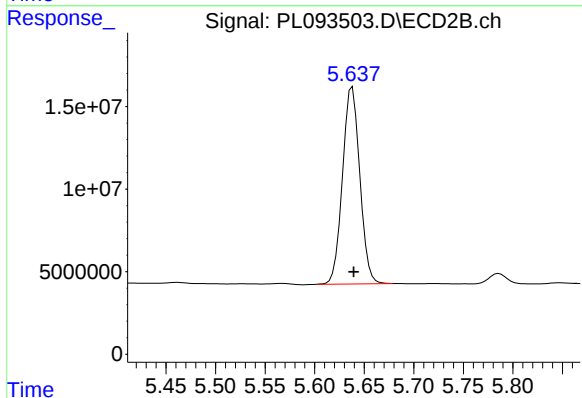
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 88548259
Conc: 41.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

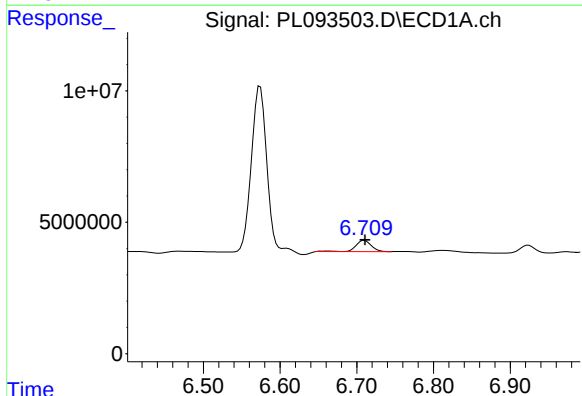
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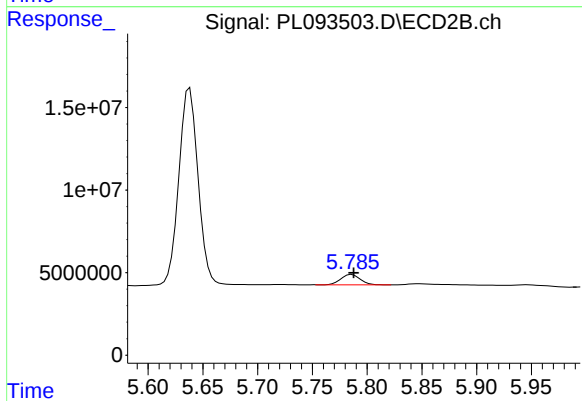
#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 144933523
Conc: 43.81 ng/ml



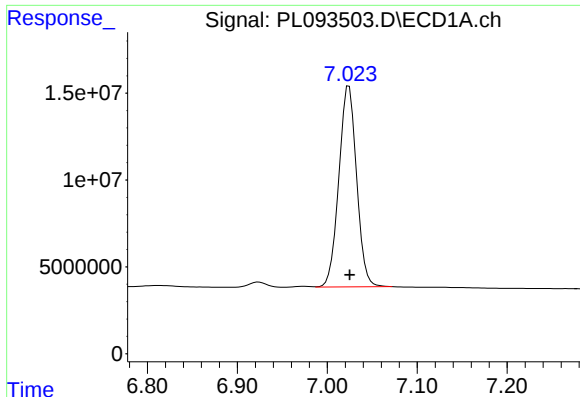
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 5953613
Conc: 3.39 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 7687316
Conc: 2.72 ng/ml



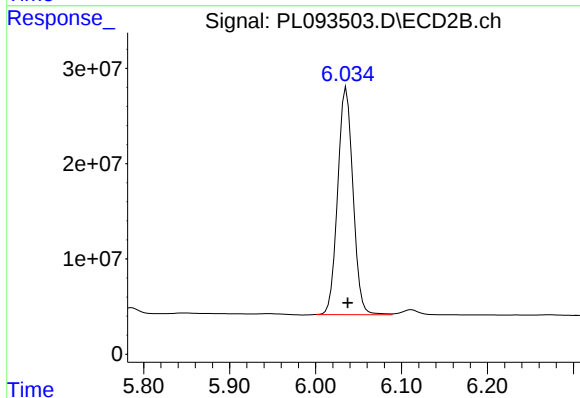
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 158519009
Conc: 85.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

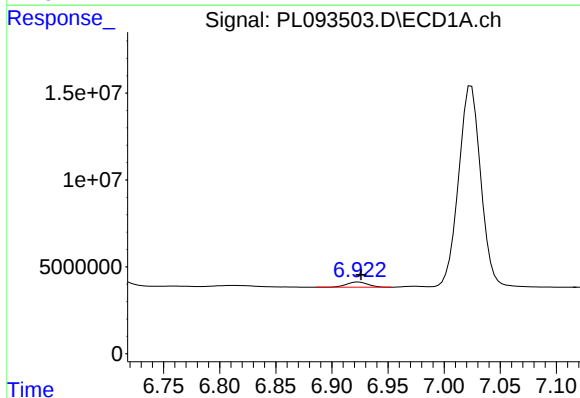
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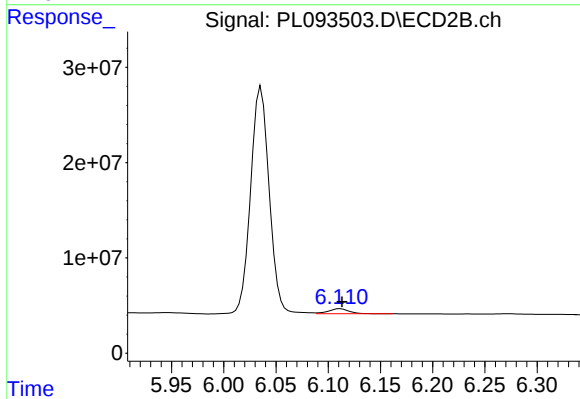
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 294380949
Conc: 97.47 ng/ml



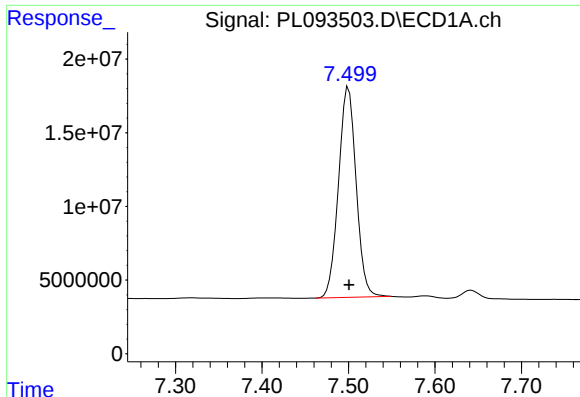
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 3879692
Conc: 2.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 7024292
Conc: 2.61 ng/ml



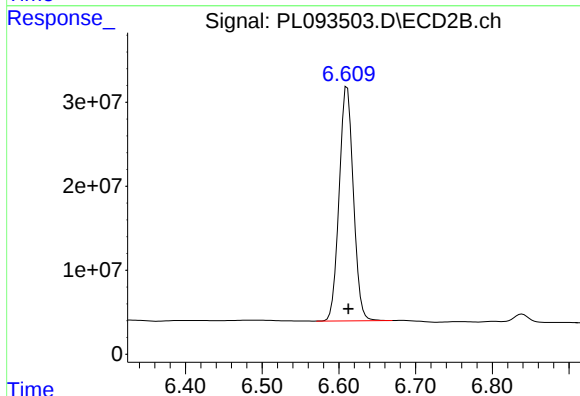
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 201280989
Conc: 201.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

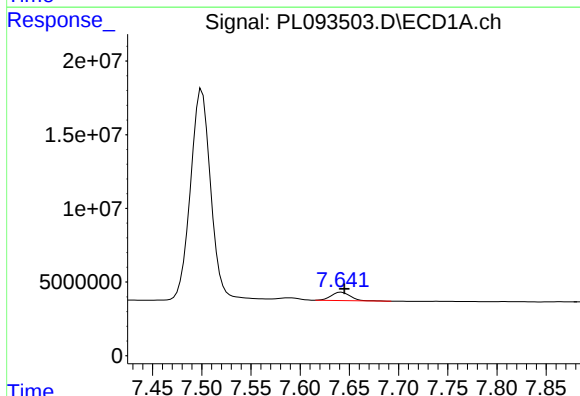
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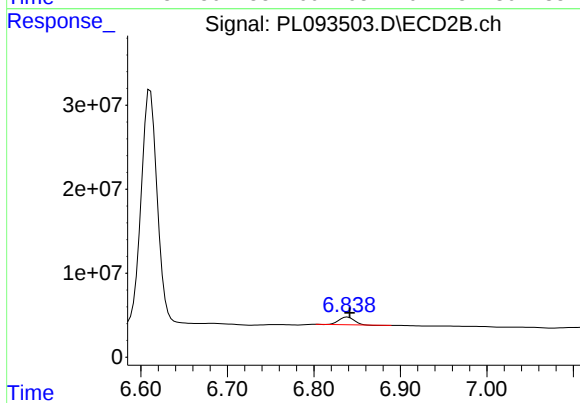
#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 358972140
Conc: 223.01 ng/ml



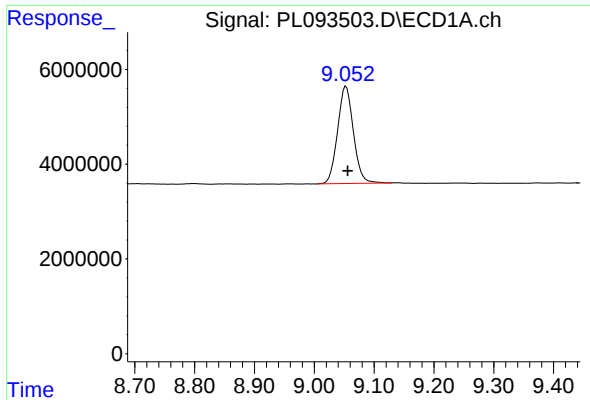
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 7412999
Conc: 3.30 ng/ml



#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 10931443
Conc: 3.00 ng/ml



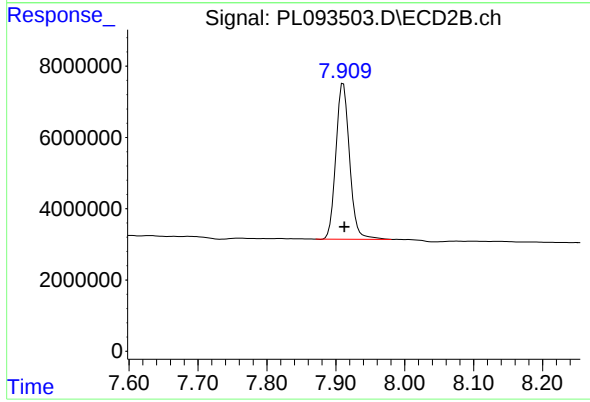
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 37790284
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 60290637
Conc: 20.19 ng/ml