

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
 Data File : PL095835.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:50:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.573	2.886	74840605	91025202	23.719	23.257
28)	SA Decachlor...	9.105	8.063	51564008	94095375	21.883	21.510
Target Compounds							
2)	A alpha-BHC	4.025	3.396	55751018	66295552	11.500	11.318
3)	MA gamma-BHC...	4.357	3.729	52437837	63640134	11.726	11.362
6)	B beta-BHC	4.545	4.024	23226794	29359227	11.782	11.850m
12)	B 4,4'-DDE	6.224	5.376	436919	749910	0.119m	0.140m
14)	MA Endrin	6.603	5.782	170.9E6	263.5E6	52.968	54.045
16)	A 4,4'-DDD	6.735	5.926	16976391	24368205	5.793	5.557
17)	MA 4,4'-DDT	7.051	6.179	263.2E6	502.3E6	97.312	105.037
18)	B Endrin al...	6.944	6.251	1731764	4245245	0.716m	1.229m#
20)	A Methoxychlor	7.524	6.750	303.7E6	579.3E6	238.172	221.432
21)	B Endrin ke...	7.661	6.979	8876743	16047192	2.803	3.102

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
Data File : PL095835.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 09:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

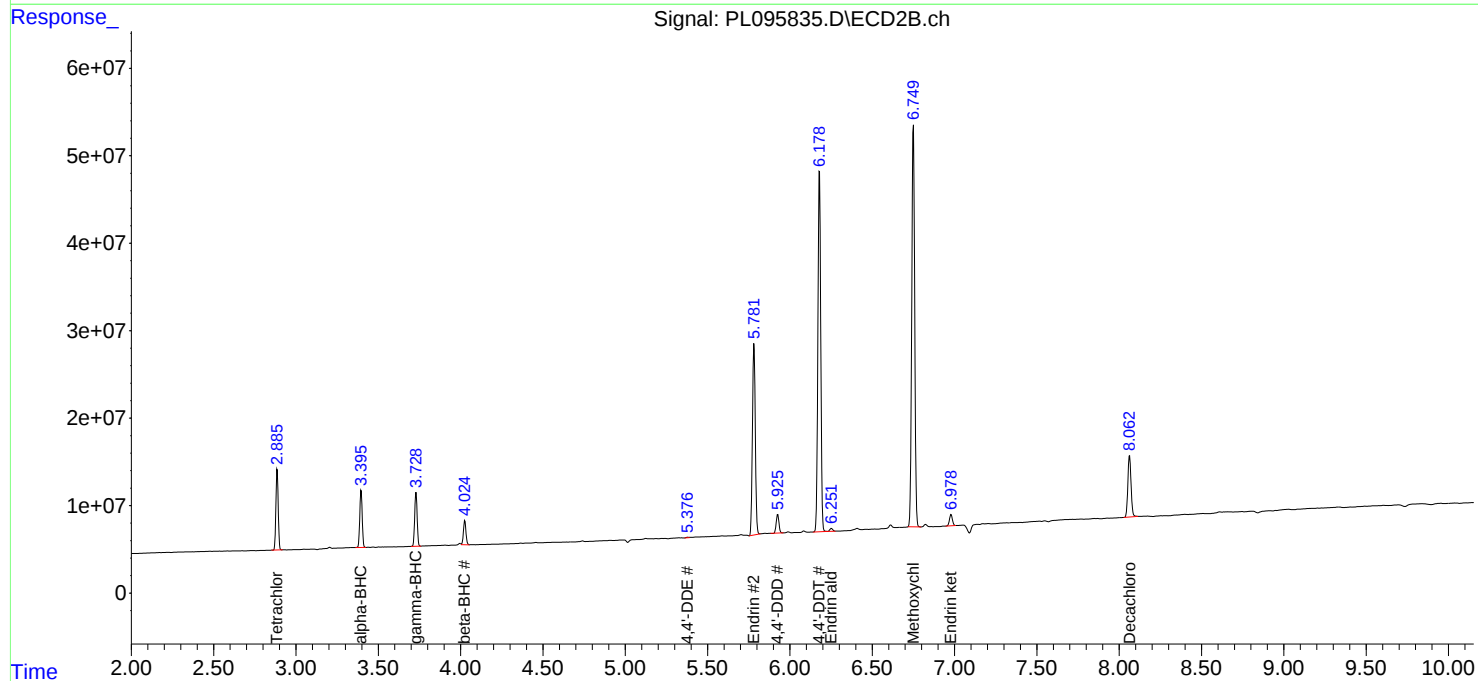
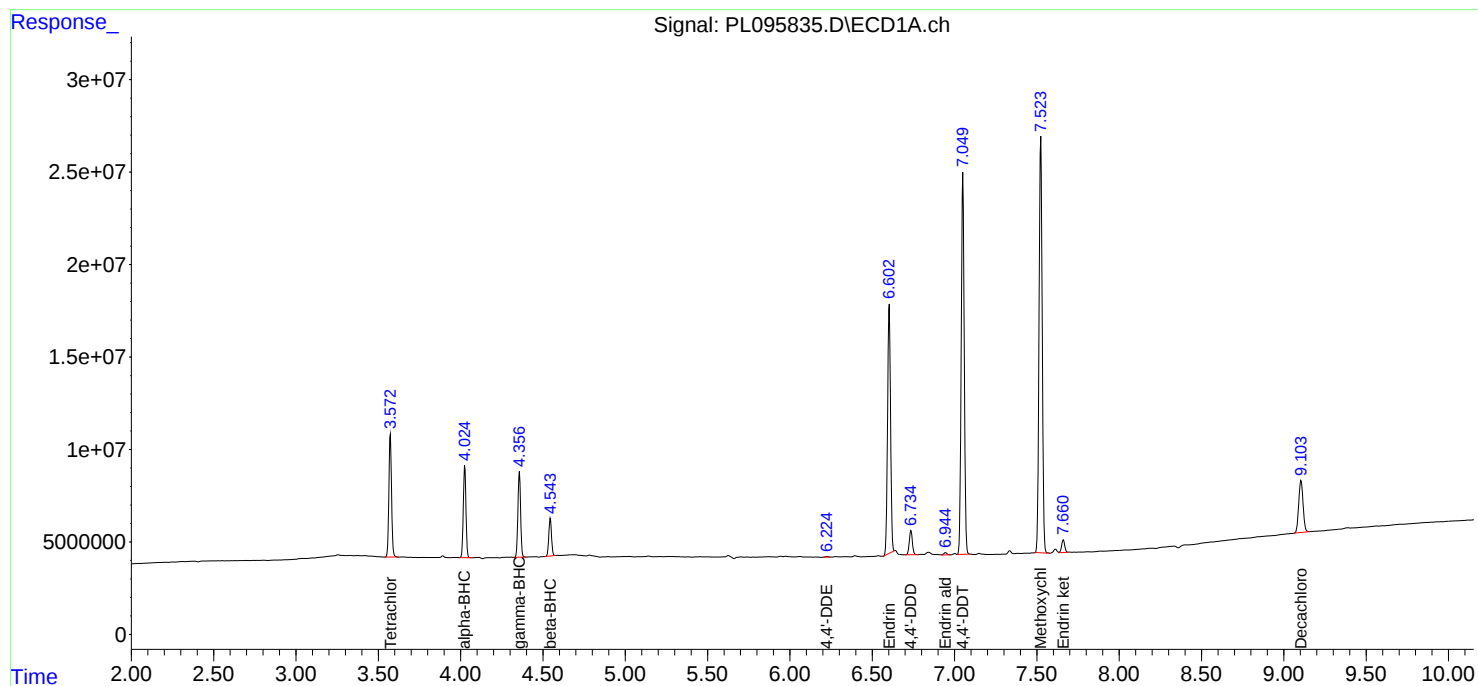
Instrument :
ECD_L
ClientSampleId :
PEM

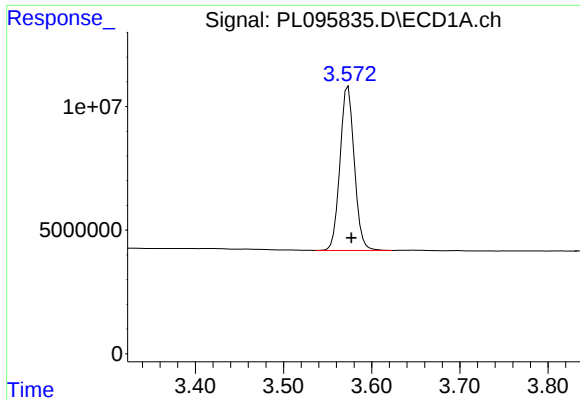
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:50:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
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Integrator: 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





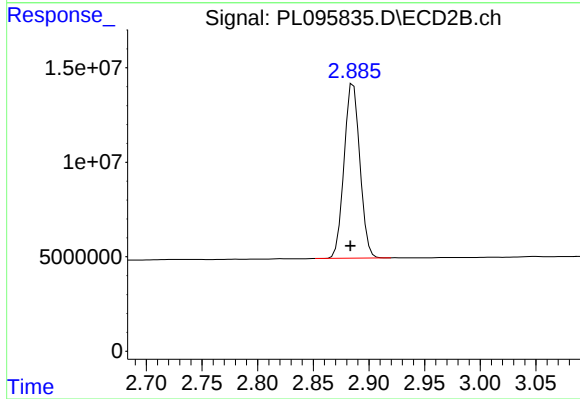
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.004 min
Response: 74840605
Conc: 23.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

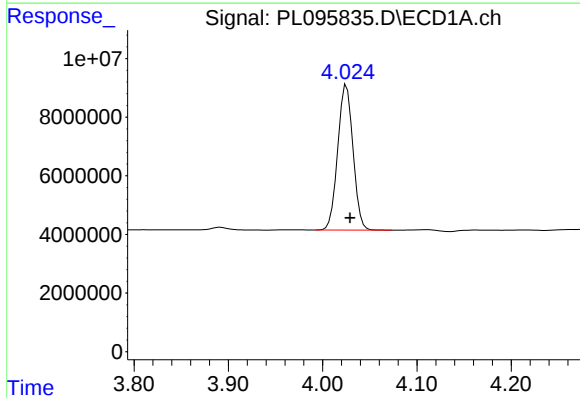
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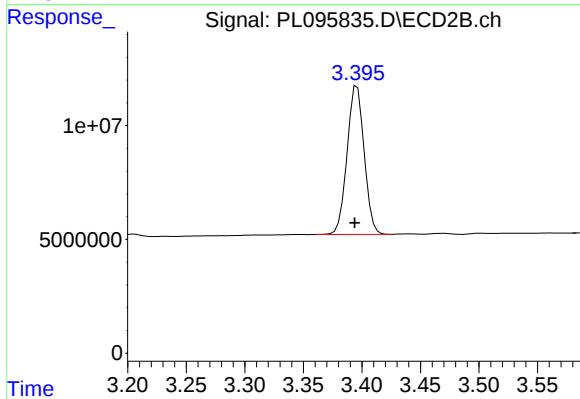
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.003 min
Response: 91025202
Conc: 23.26 ng/ml



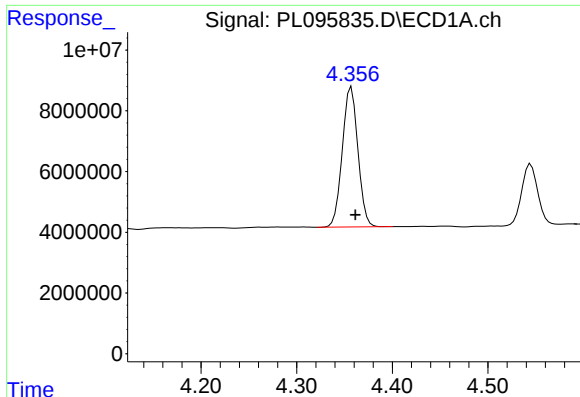
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.004 min
Response: 55751018
Conc: 11.50 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 66295552
Conc: 11.32 ng/ml



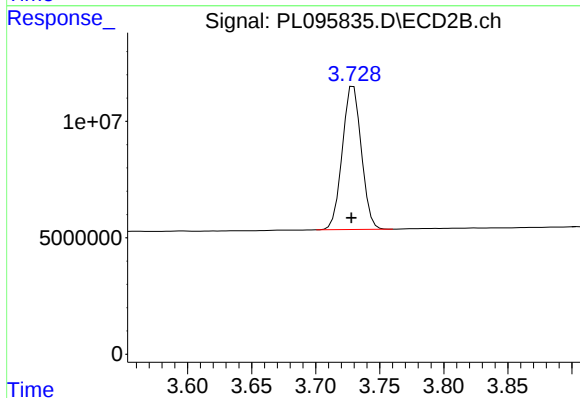
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 52437837
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

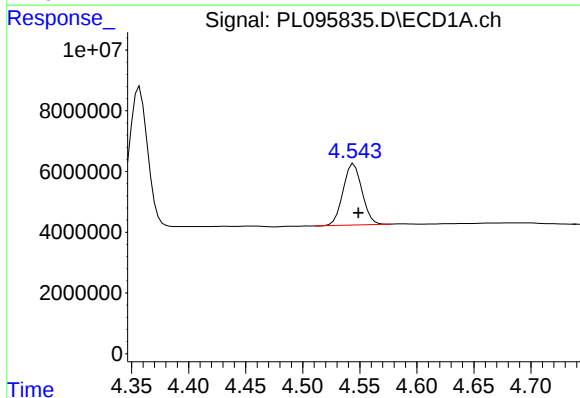
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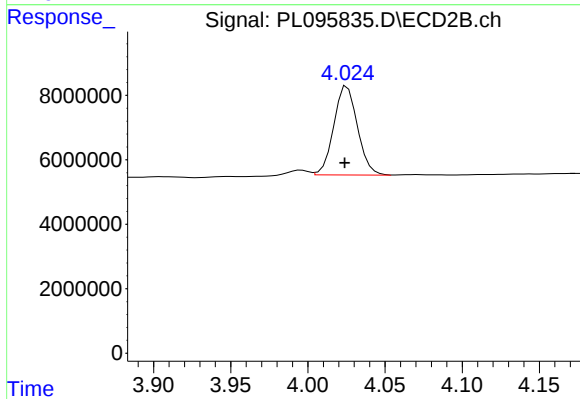
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.002 min
Response: 63640134
Conc: 11.36 ng/ml



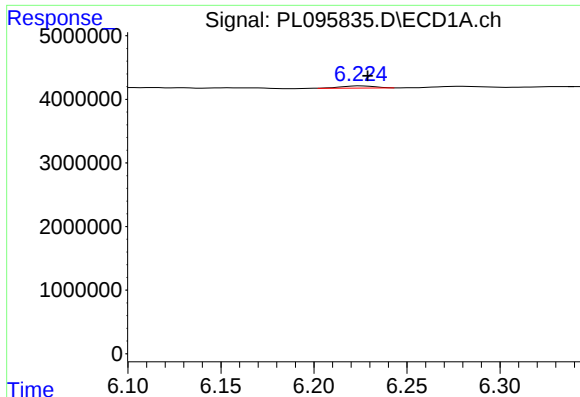
#6 beta-BHC

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 23226794
Conc: 11.78 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 29359227
Conc: 11.85 ng/ml m



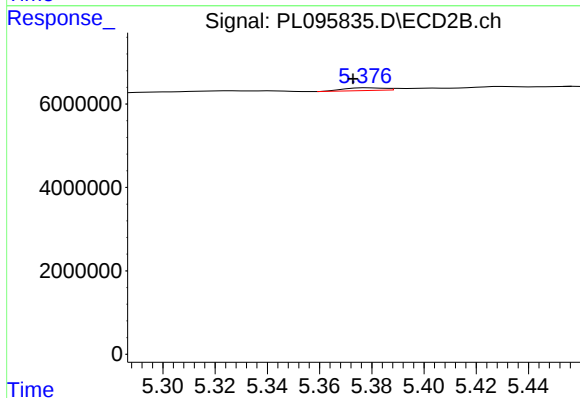
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 436919
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

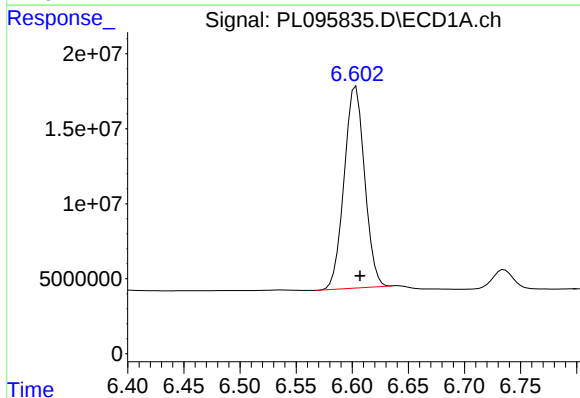
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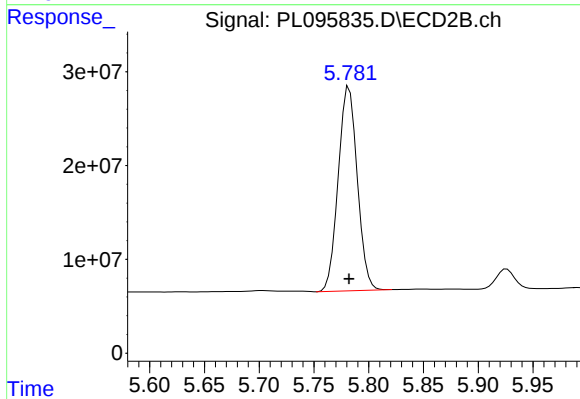
#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: 0.004 min
Response: 749910
Conc: 0.14 ng/ml m



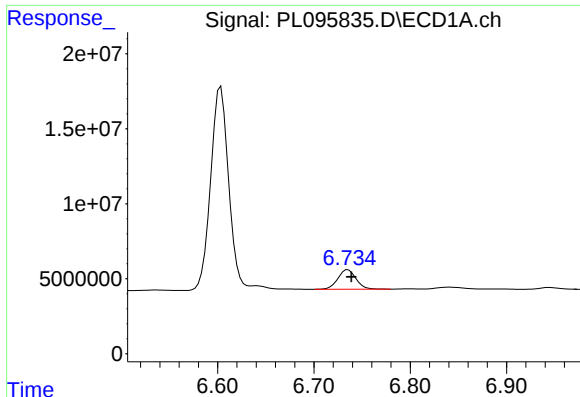
#14 Endrin

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 170914986
Conc: 52.97 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 263529134
Conc: 54.05 ng/ml



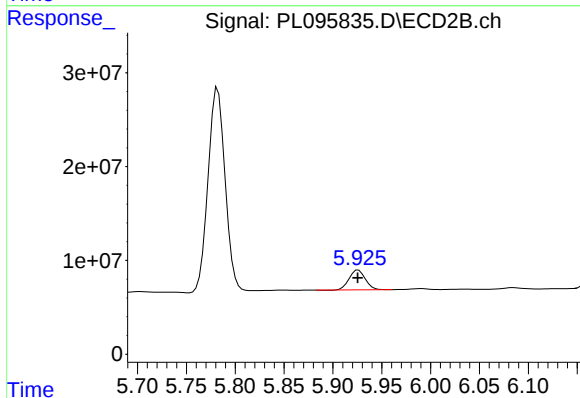
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 16976391
Conc: 5.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

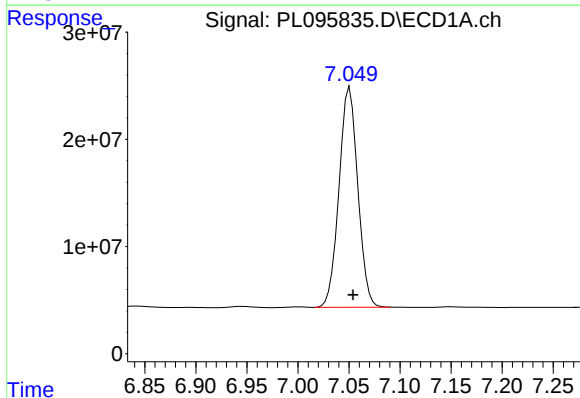
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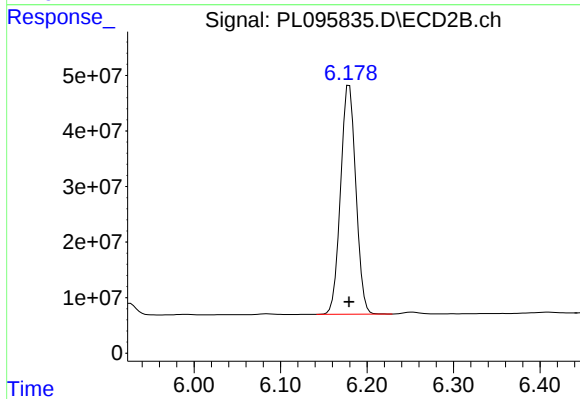
#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 24368205
Conc: 5.56 ng/ml



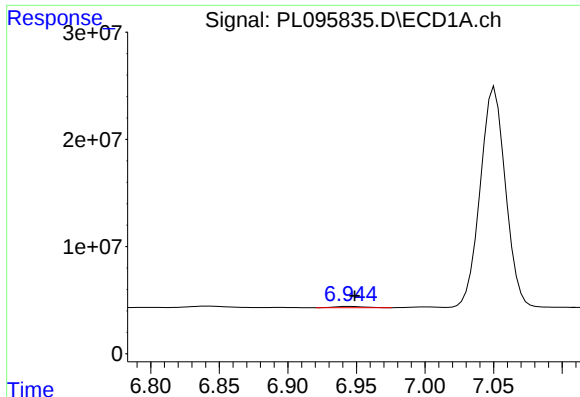
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 263242803
Conc: 97.31 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 502349522
Conc: 105.04 ng/ml



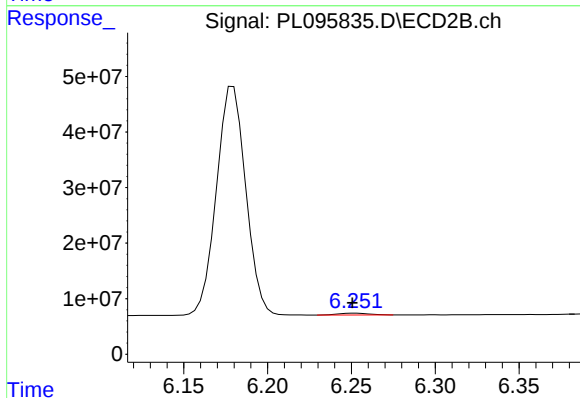
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 1731764
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

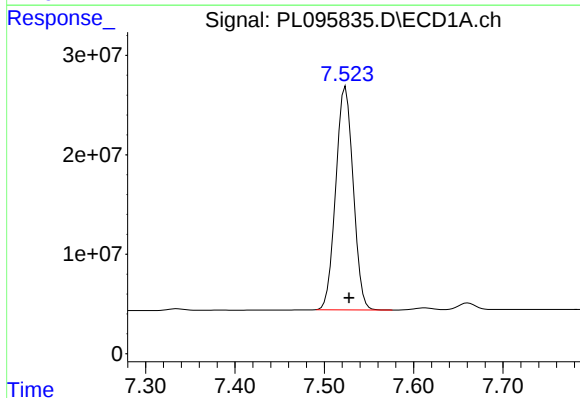
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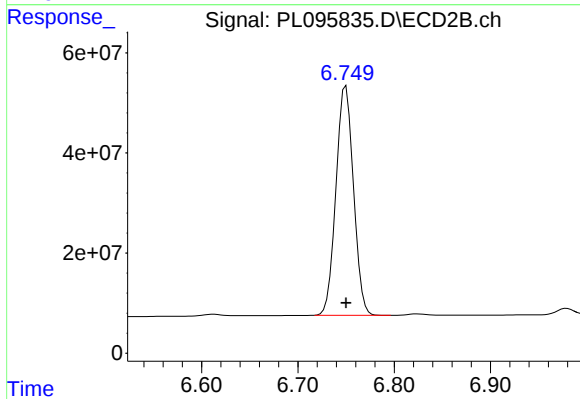
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 4245245
Conc: 1.23 ng/ml m



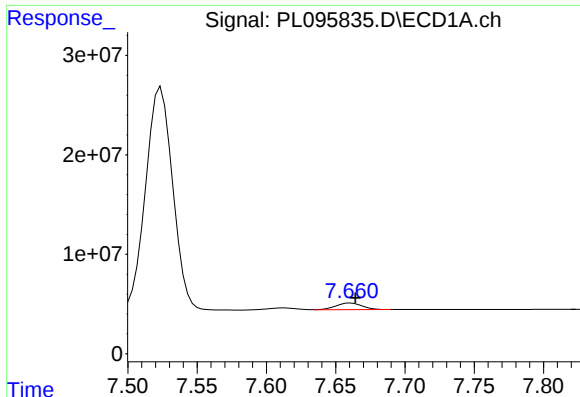
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 303747266
Conc: 238.17 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 579290938
Conc: 221.43 ng/ml



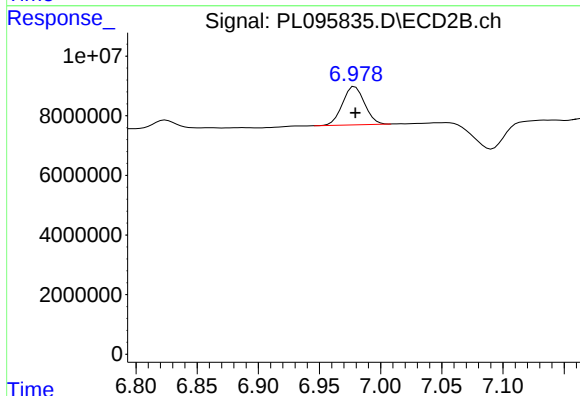
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 8876743
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

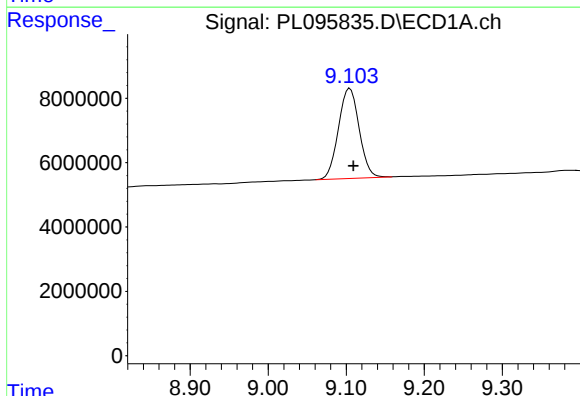
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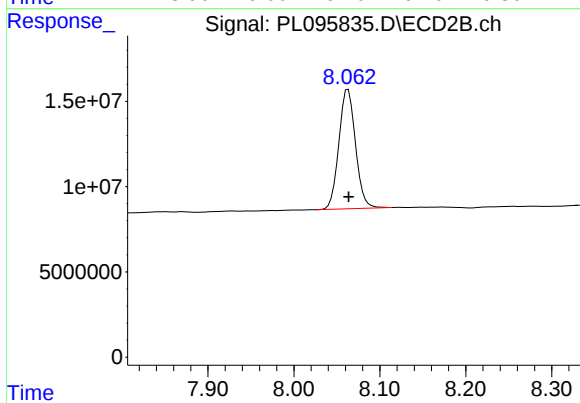
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 16047192
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 51564008
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 94095375
Conc: 21.51 ng/ml