

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
 Data File : PL095546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 18:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:42:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.907	62557227	70623719	19.162m	22.210
28) SA Decachlor...	9.121	8.085	56601778	65588281	20.428	22.164m
Target Compounds						
2) A alpha-BHC	4.047	3.416	44546239	53654591	8.992	12.061 #
3) MA gamma-BHC...	4.377	3.750	43567819	51546374	9.203m	11.720 #
6) B beta-BHC	4.565	4.044	19192923	23573220	9.283	11.356
14) MA Endrin	6.623	5.806	136.8E6	200.5E6	42.947	55.075 #
17) MA 4,4'-DDT	7.068	6.202	296.9E6	354.6E6	104.224	103.195
18) B Endrin al...	6.963	6.274	207510	2673641	0.089m	1.023m#
20) A Methoxychlor	7.539	6.771	322.6E6	450.7E6	231.251	236.307m
21) B Endrin ke...	7.676	7.003	993355	4415755	0.348m	1.254m#

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

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Acq On : 05 May 2025 18:25
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ALS Vial : 3 Sample Multiplier: 1

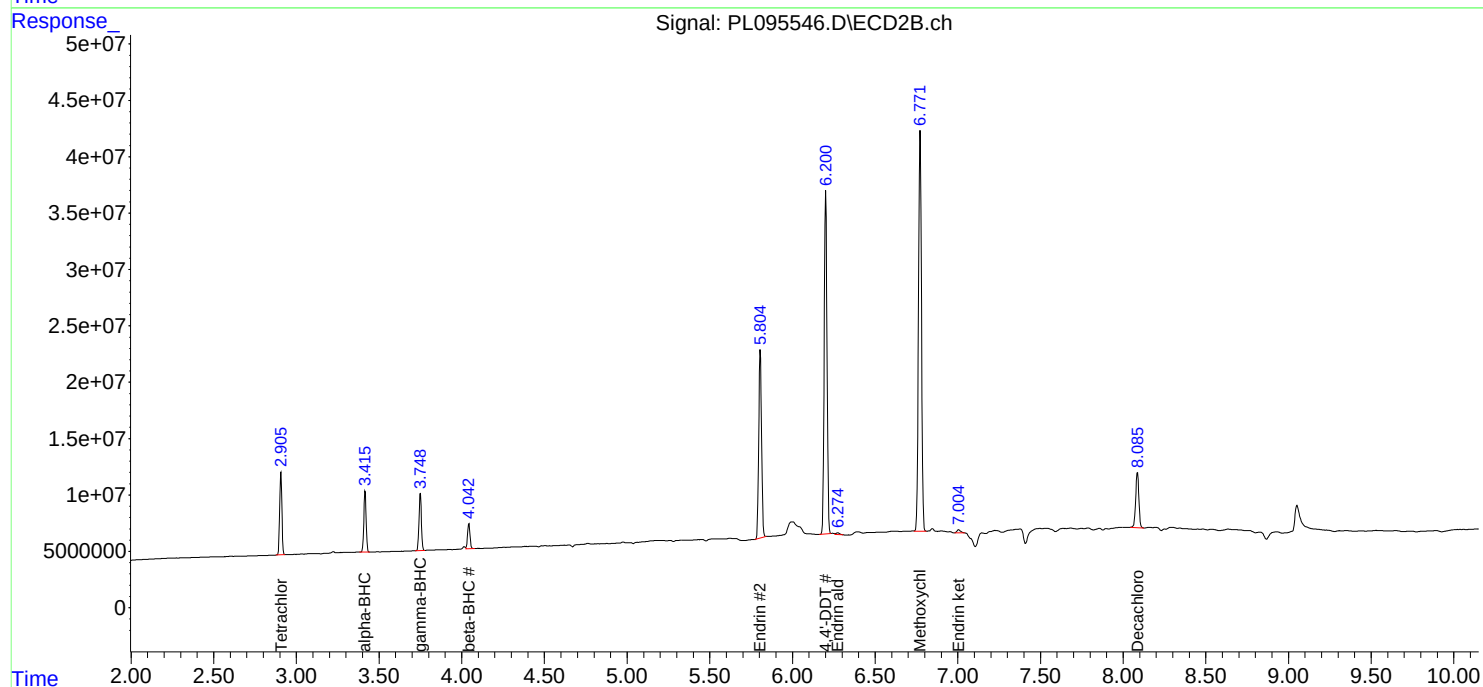
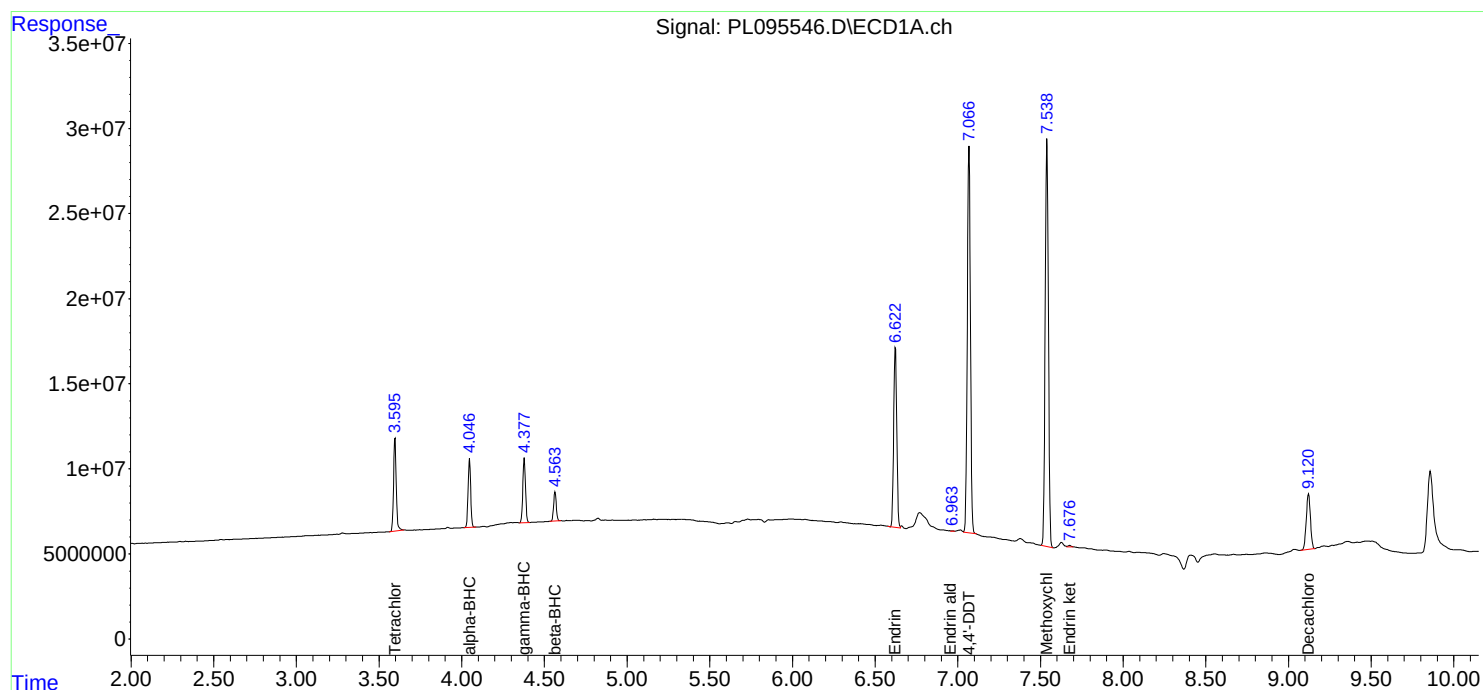
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PEM

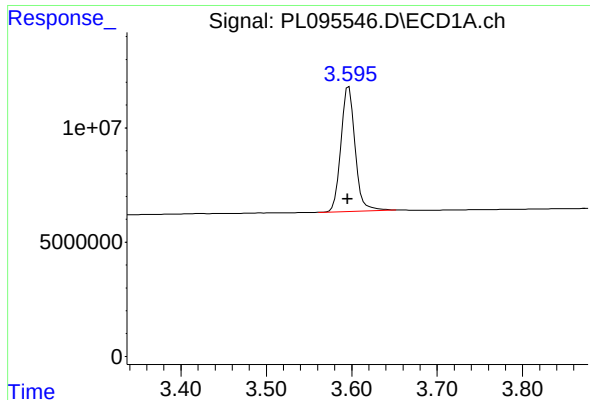
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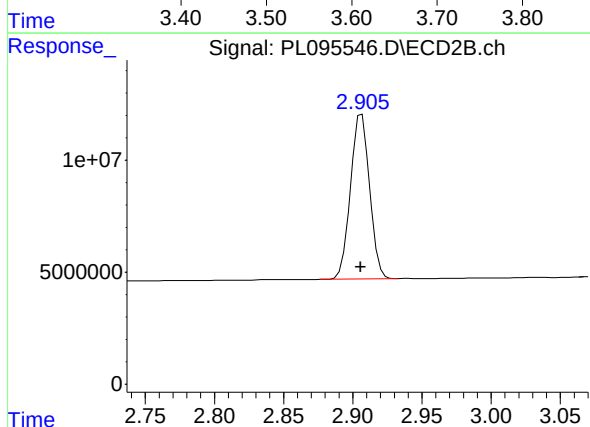
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 62557227
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

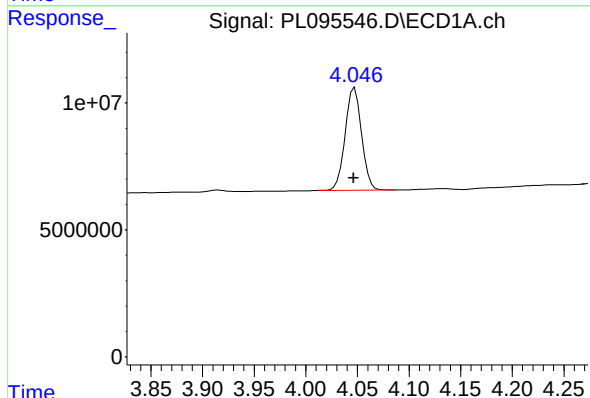
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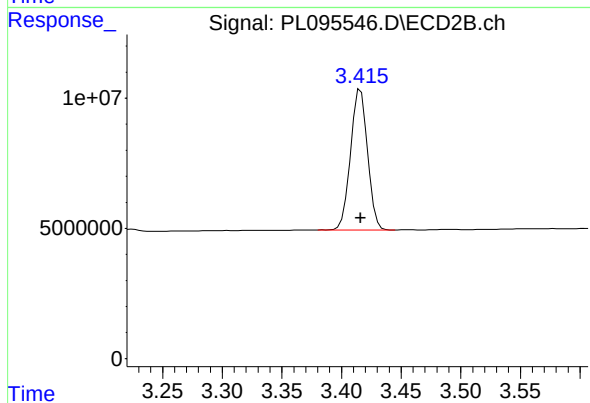
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.000 min
Response: 70623719
Conc: 22.21 ng/ml



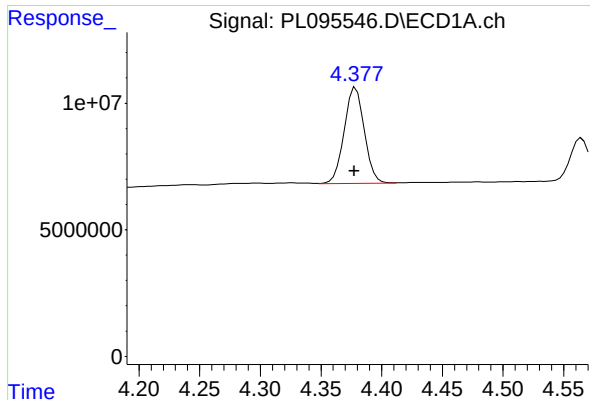
#2 alpha-BHC

R.T.: 4.047 min
Delta R.T.: 0.001 min
Response: 44546239
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 53654591
Conc: 12.06 ng/ml



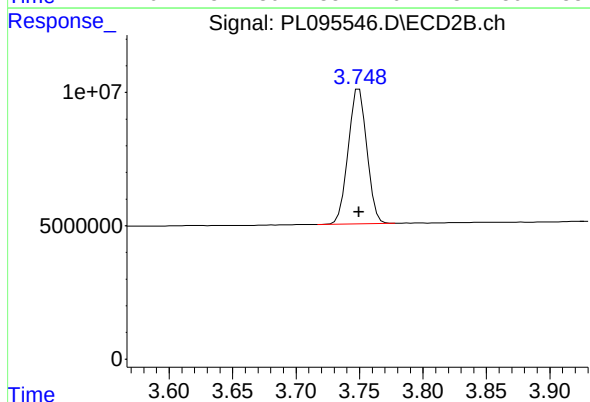
#3 gamma-BHC (Lindane)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 43567819
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

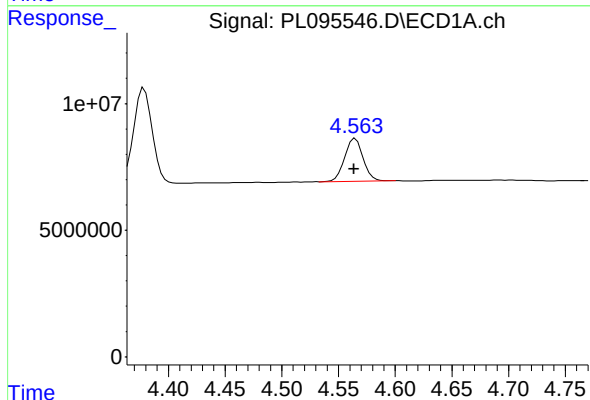
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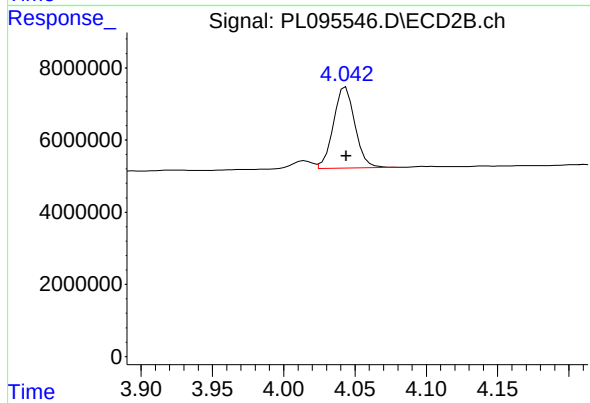
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 51546374
Conc: 11.72 ng/ml



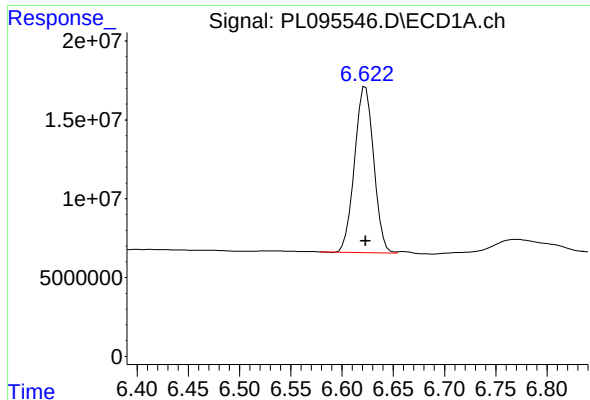
#6 beta-BHC

R.T.: 4.565 min
Delta R.T.: 0.001 min
Response: 19192923
Conc: 9.28 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 23573220
Conc: 11.36 ng/ml



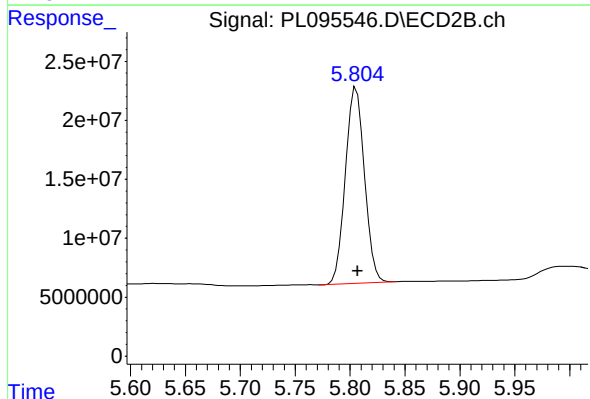
#14 Endrin

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 136776386
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

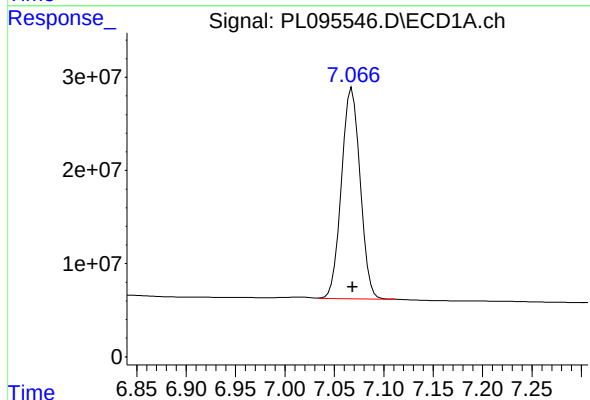
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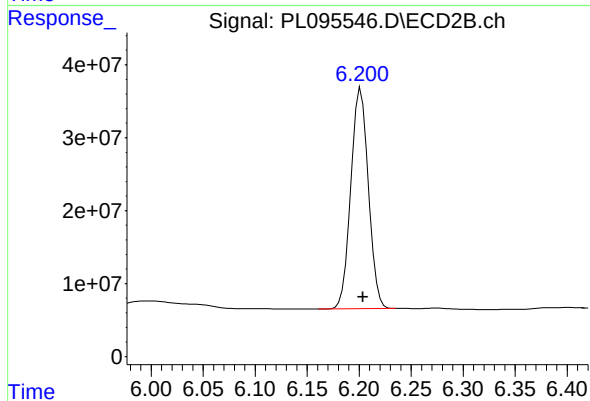
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 200512521
Conc: 55.07 ng/ml



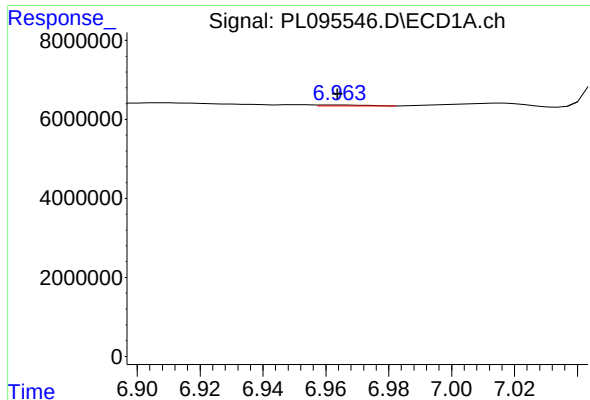
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 296891544
Conc: 104.22 ng/ml



#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 354594995
Conc: 103.19 ng/ml



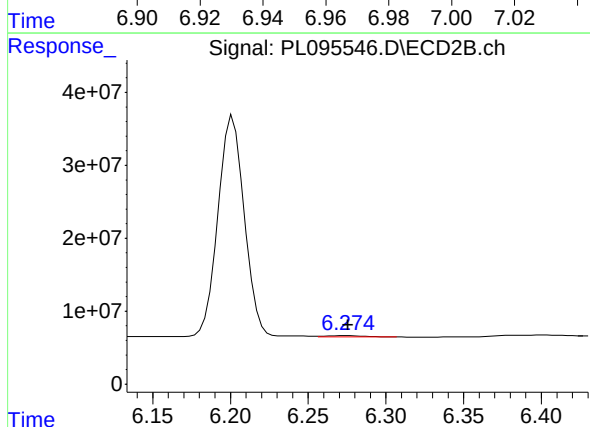
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 207510
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

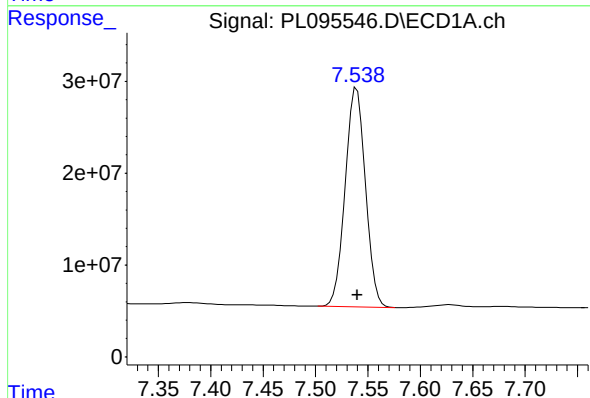
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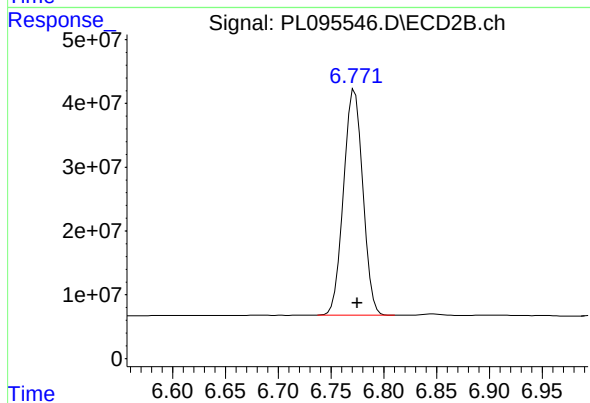
#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 2673641
Conc: 1.02 ng/ml m



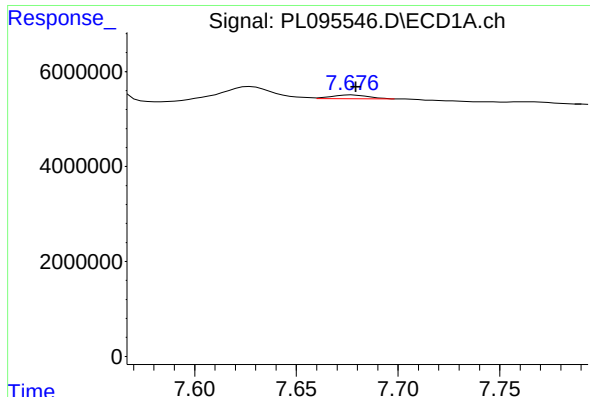
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 322625241
Conc: 231.25 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 450738842
Conc: 236.31 ng/ml m



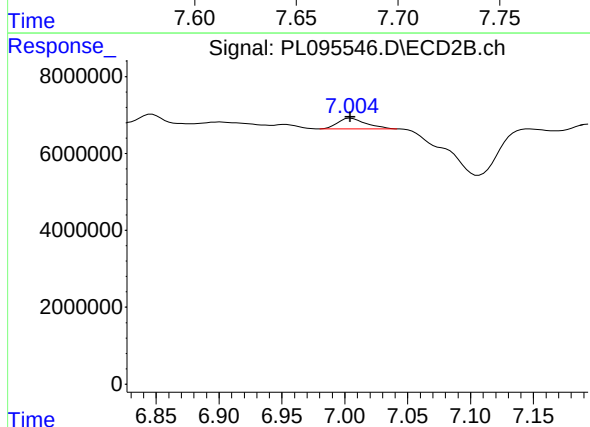
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 993355
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

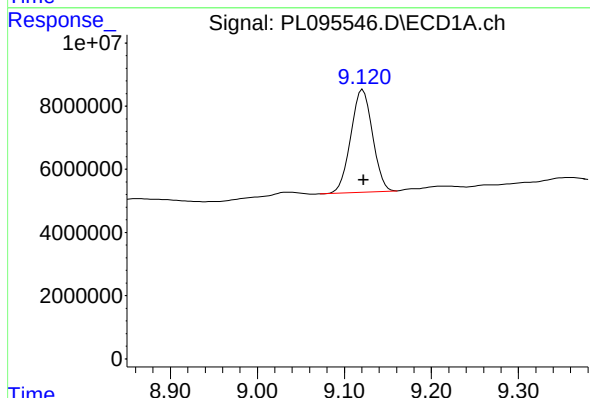
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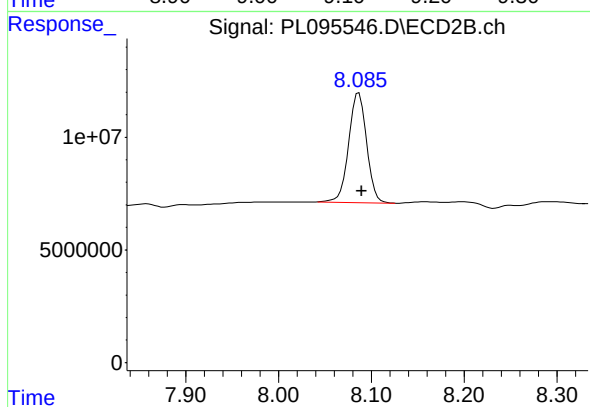
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 4415755
Conc: 1.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 56601778
Conc: 20.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 65588281
Conc: 22.16 ng/ml m