

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
 Data File : PL095529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:38:05 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...	3.597	2.907	67302005	81202314	20.615m	25.537
28) SA Decachlor...	9.124	8.088	59594993	72385725	21.508	24.461
Target Compounds						
2) A alpha-BHC	4.049	3.417	48778304	62491172	9.847	14.047 #
3) MA gamma-BHC...	4.378	3.750	46408661	60266860	9.803m	13.703 #
6) B beta-BHC	4.567	4.044	20918275	27739627	10.118	13.363 #
12) B 4,4'-DDE	6.238	5.397	530305	625312	0.135m	0.154m
14) MA Endrin	6.623	5.806	166.0E6	229.5E6	52.135m	63.041
16) A 4,4'-DDD	6.752	5.949	8355035	12814131	2.951m	3.923 #
17) MA 4,4'-DDT	7.069	6.203	291.4E6	420.3E6	102.290	122.313
18) B Endrin al...	6.963	6.275	1393358	3016650	0.600m	1.154m#
20) A Methoxychlor	7.540	6.773	312.2E6	471.8E6	223.798	247.363
21) B Endrin ke...	7.679	7.004	4992414	9410610	1.751	2.672 #

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

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Data File : PL095529.D
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Acq On : 05 May 2025 09:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

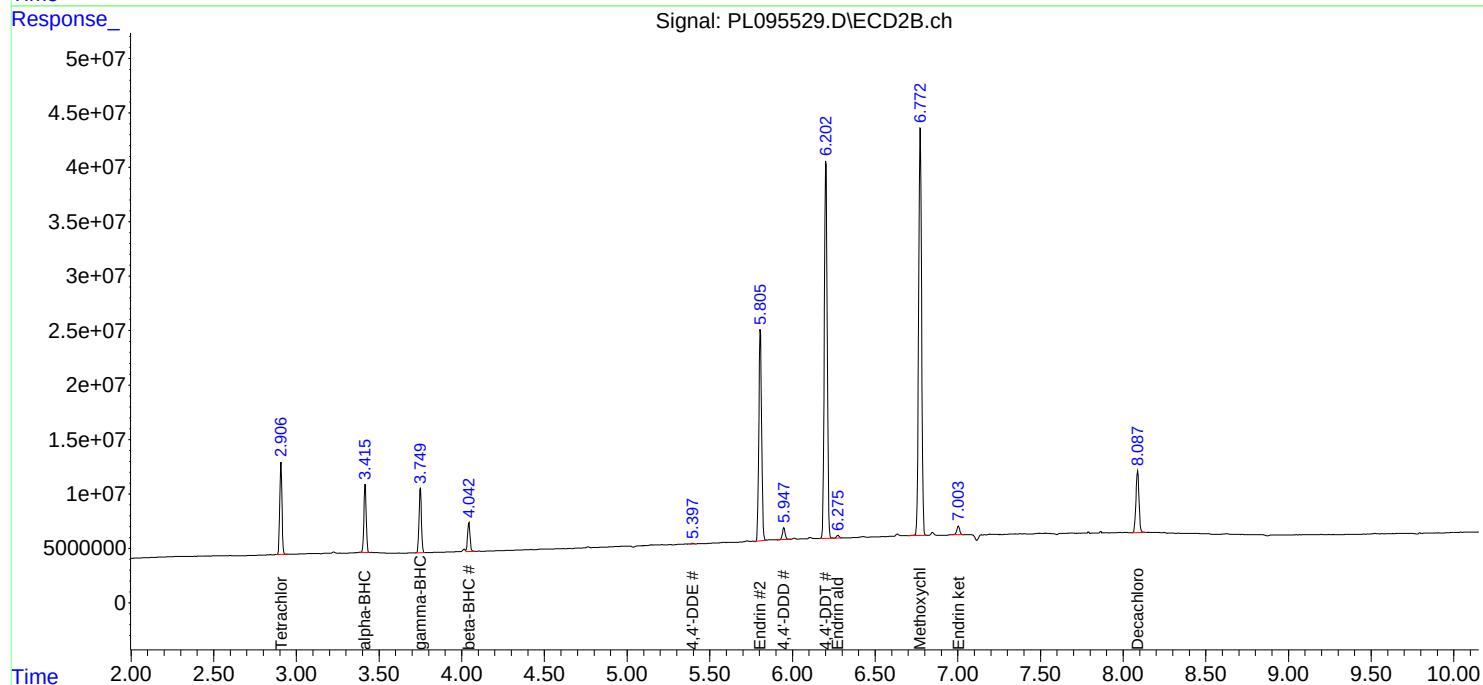
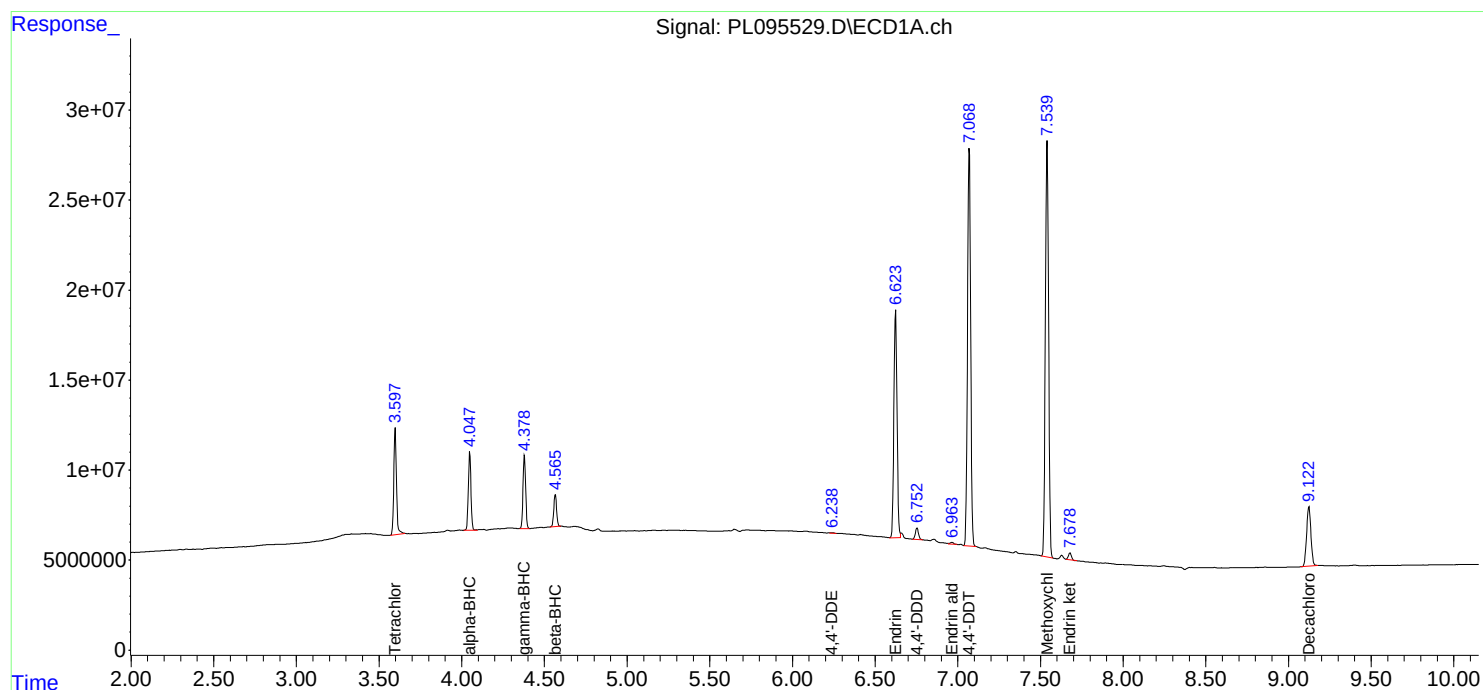
Instrument :
ECD_L
ClientSampleId :
PEM

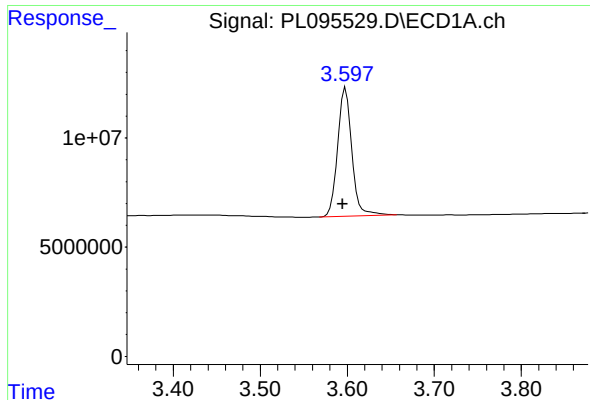
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:38:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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Integrator: 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





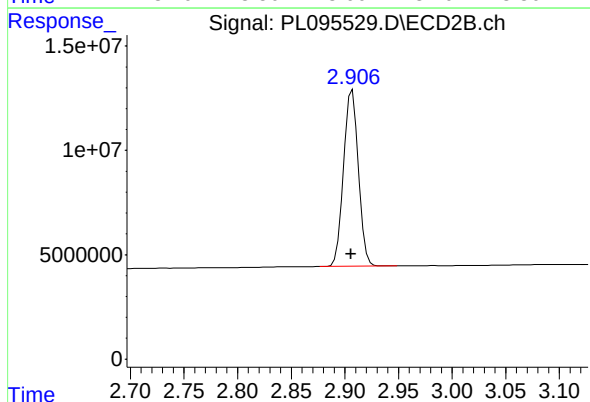
#1 Tetrachloro-m-xylene

R.T.: 3.597 min
Delta R.T.: 0.002 min
Response: 67302005
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

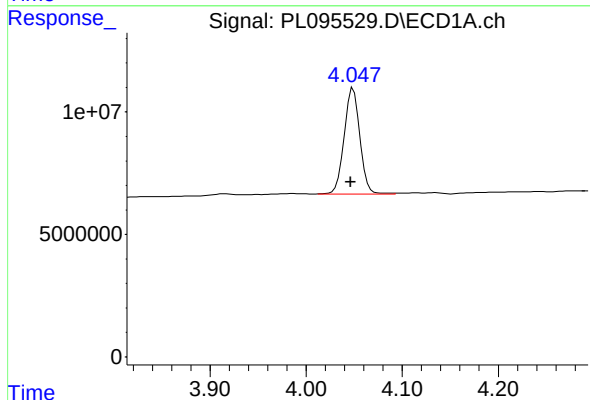
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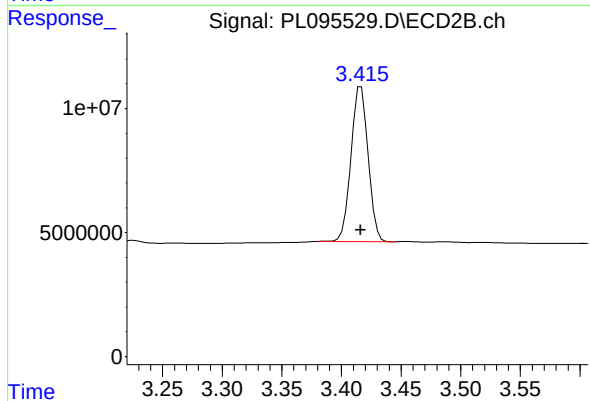
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.001 min
Response: 81202314
Conc: 25.54 ng/ml



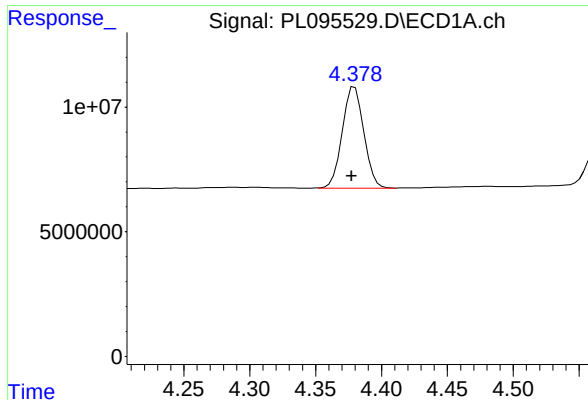
#2 alpha-BHC

R.T.: 4.049 min
Delta R.T.: 0.003 min
Response: 48778304
Conc: 9.85 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 62491172
Conc: 14.05 ng/ml



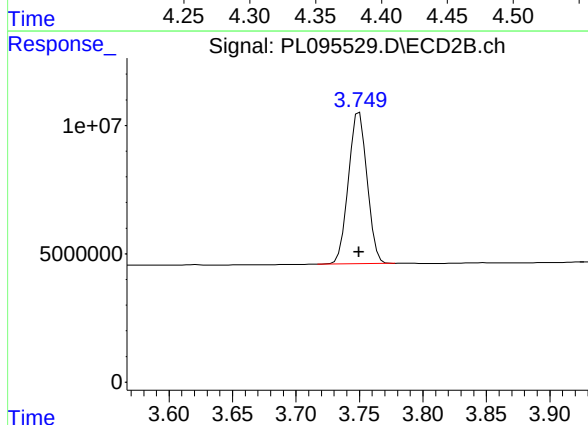
#3 gamma-BHC (Lindane)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 46408661
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

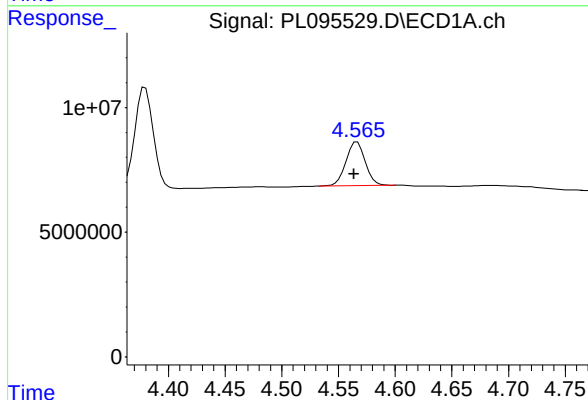
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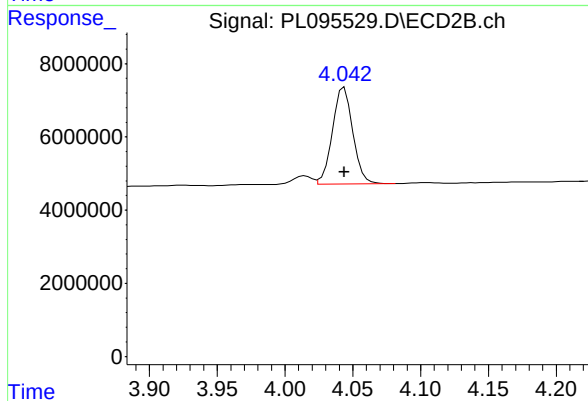
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 60266860
Conc: 13.70 ng/ml



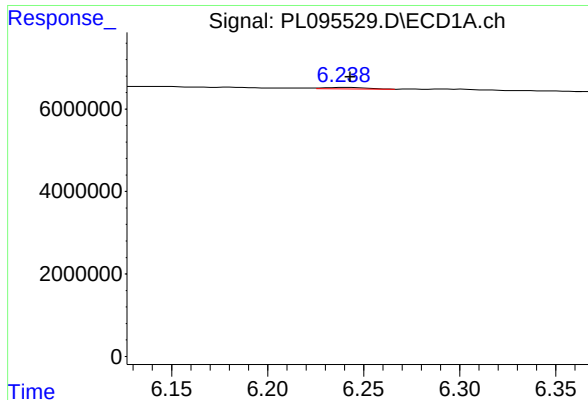
#6 beta-BHC

R.T.: 4.567 min
Delta R.T.: 0.003 min
Response: 20918275
Conc: 10.12 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 27739627
Conc: 13.36 ng/ml



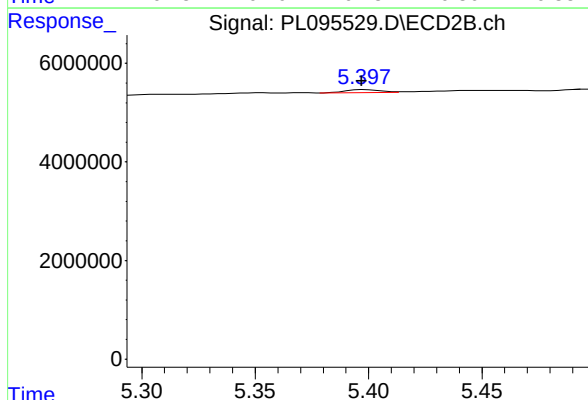
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 530305
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

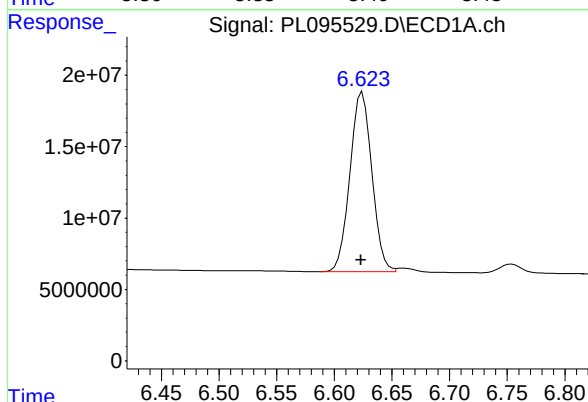
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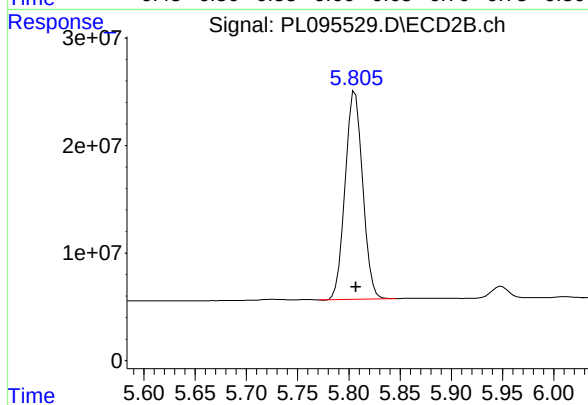
#12 4,4'-DDE

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 625312
Conc: 0.15 ng/ml



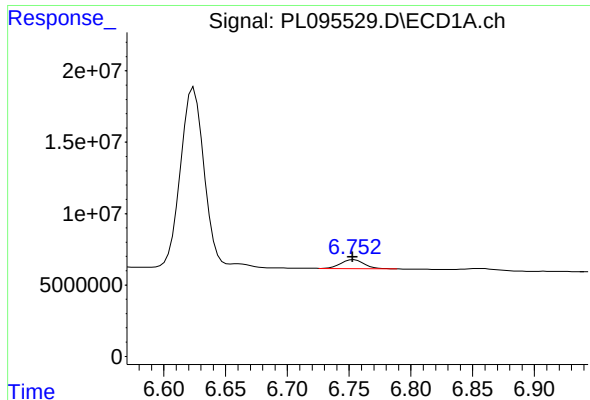
#14 Endrin

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 166035813
Conc: 52.13 ng/ml



#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 229514835
Conc: 63.04 ng/ml



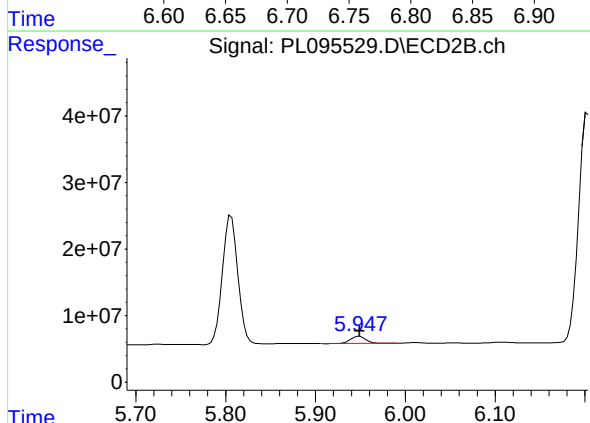
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 8355035
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

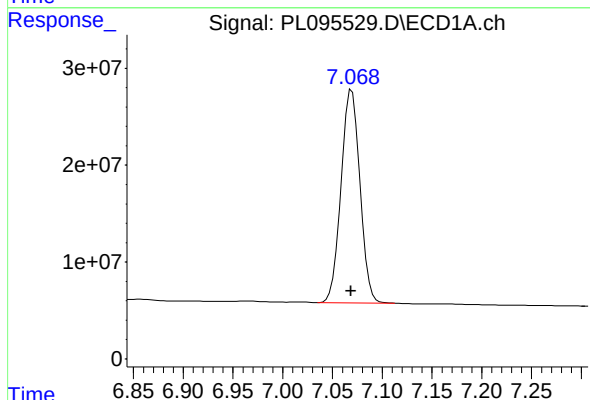
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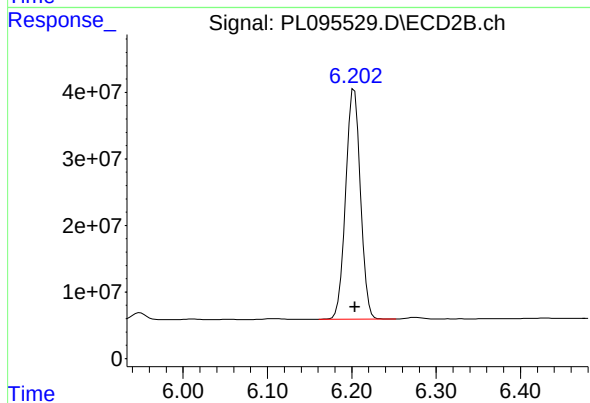
#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 12814131
Conc: 3.92 ng/ml



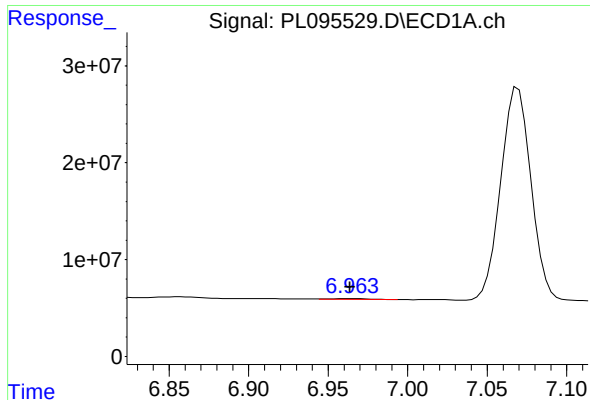
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 291381157
Conc: 102.29 ng/ml



#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 420288221
Conc: 122.31 ng/ml



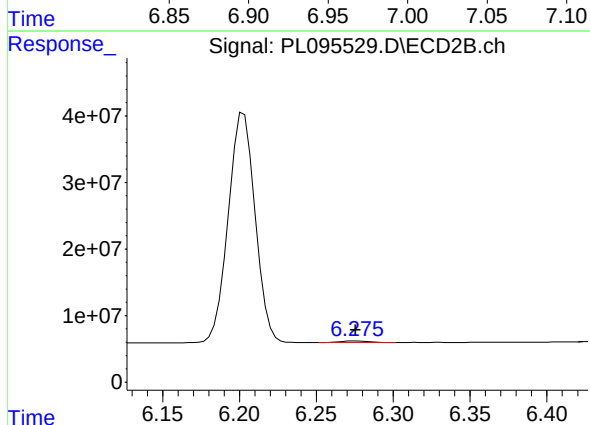
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 1393358
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

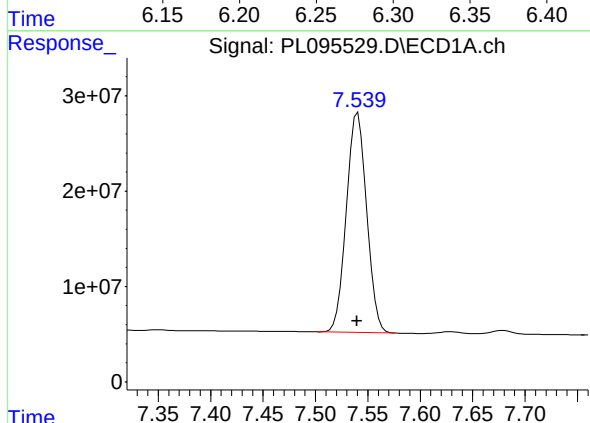
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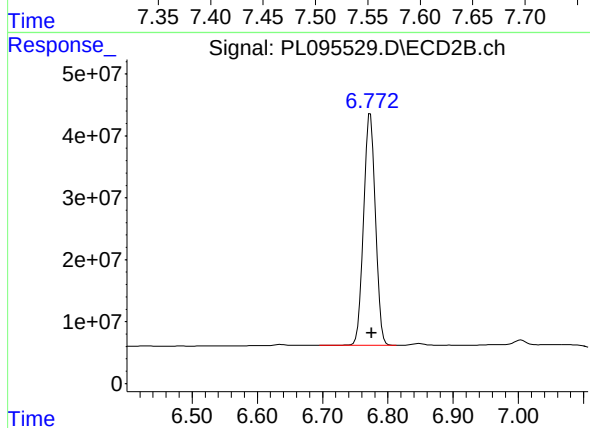
#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3016650
Conc: 1.15 ng/ml



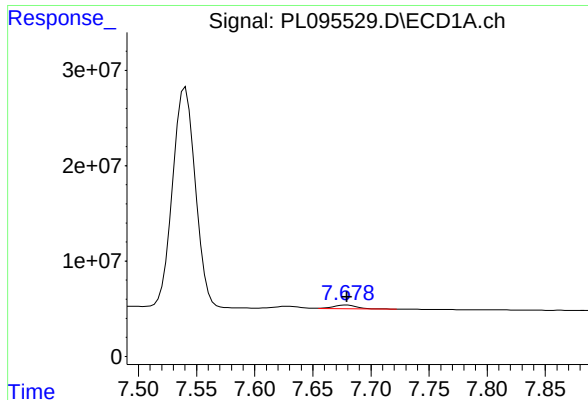
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 312228164
Conc: 223.80 ng/ml



#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 471827732
Conc: 247.36 ng/ml



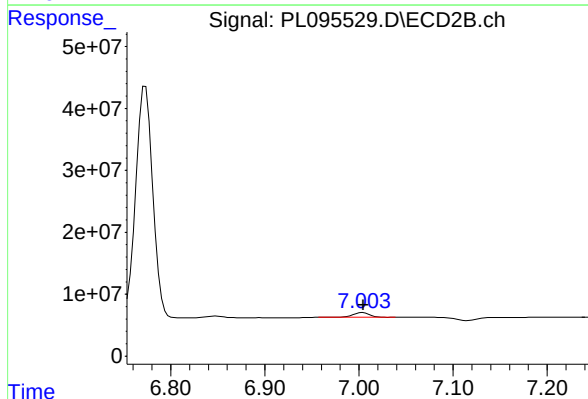
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 4992414
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

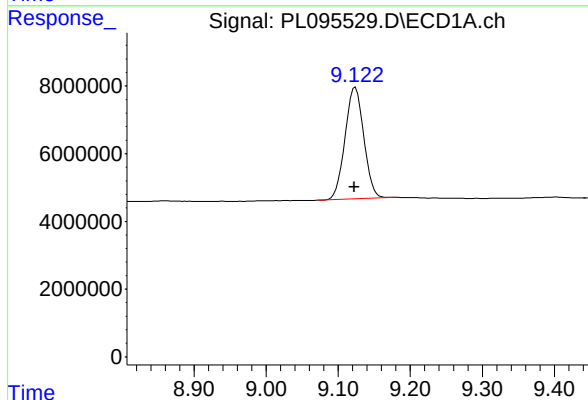
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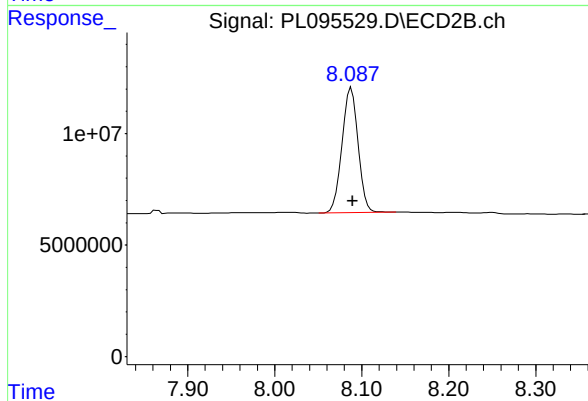
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 9410610
Conc: 2.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 59594993
Conc: 21.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: -0.002 min
Response: 72385725
Conc: 24.46 ng/ml