

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
 Data File : PL096040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:31:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 14:04:36 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...	3.572	2.883	66677189	79439062	20.520	19.573
28)	SA Decachlor...	9.113	8.065	51350227	99099741	21.007	20.843
Target Compounds							
2)	A alpha-BHC	4.022	3.392	49281119	56892730	9.866	9.326
3)	MA gamma-BHC...	4.354	3.725	46894867	55337350	10.054	9.518
6)	B beta-BHC	4.542	4.020	20846733	26008345	10.522	10.100
12)	B 4,4'-DDE	6.219	5.370	657810	543887	0.177m	0.100m#
14)	MA Endrin	6.599	5.778	154.4E6	234.7E6	48.752	49.415
16)	A 4,4'-DDD	6.732	5.923	9030020	12736705	3.003	2.783
17)	MA 4,4'-DDT	7.049	6.177	263.1E6	477.4E6	92.443	101.290
18)	B Endrin al...	6.941	6.250	2000300	4722469	0.807m	1.287 #
20)	A Methoxychlor	7.524	6.750	306.2E6	559.9E6	213.865	217.547
21)	B Endrin ke...	7.658	6.979	7464896	13198399	2.225	2.385

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

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Data File : PL096040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 09:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

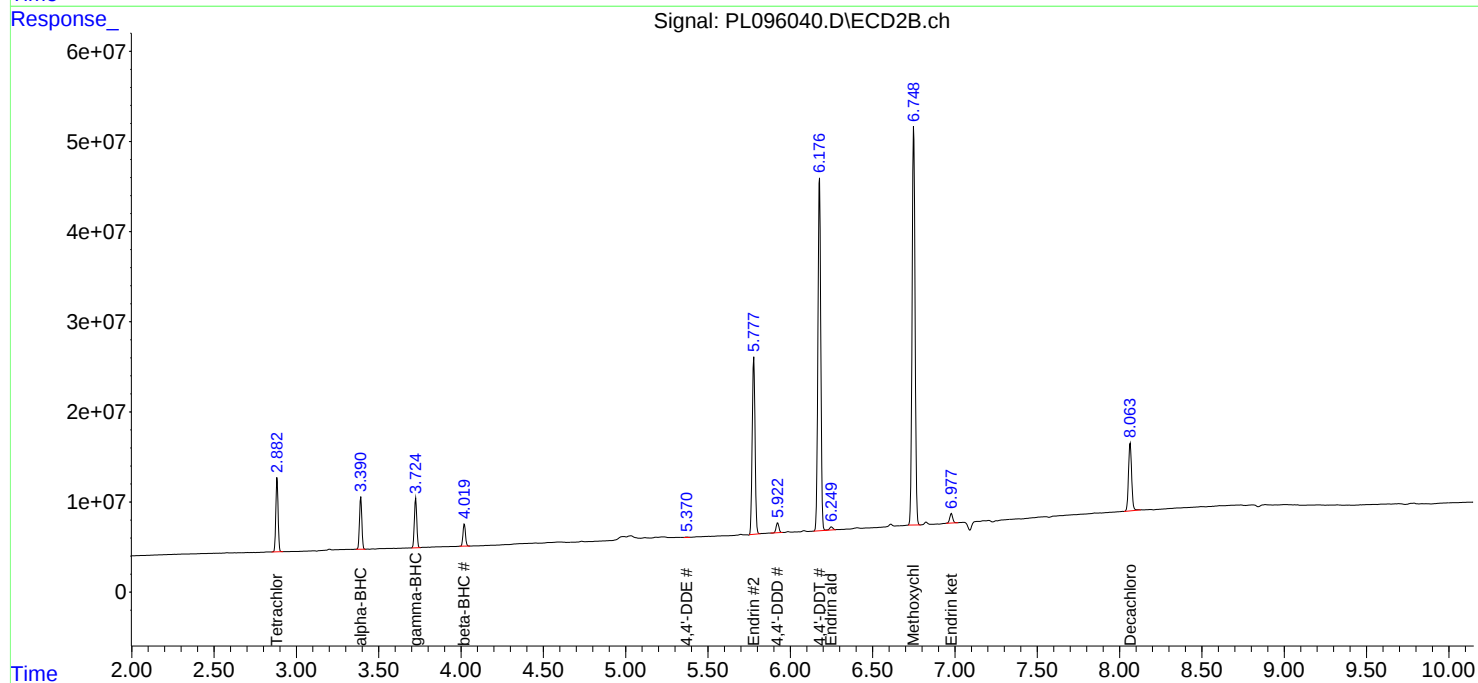
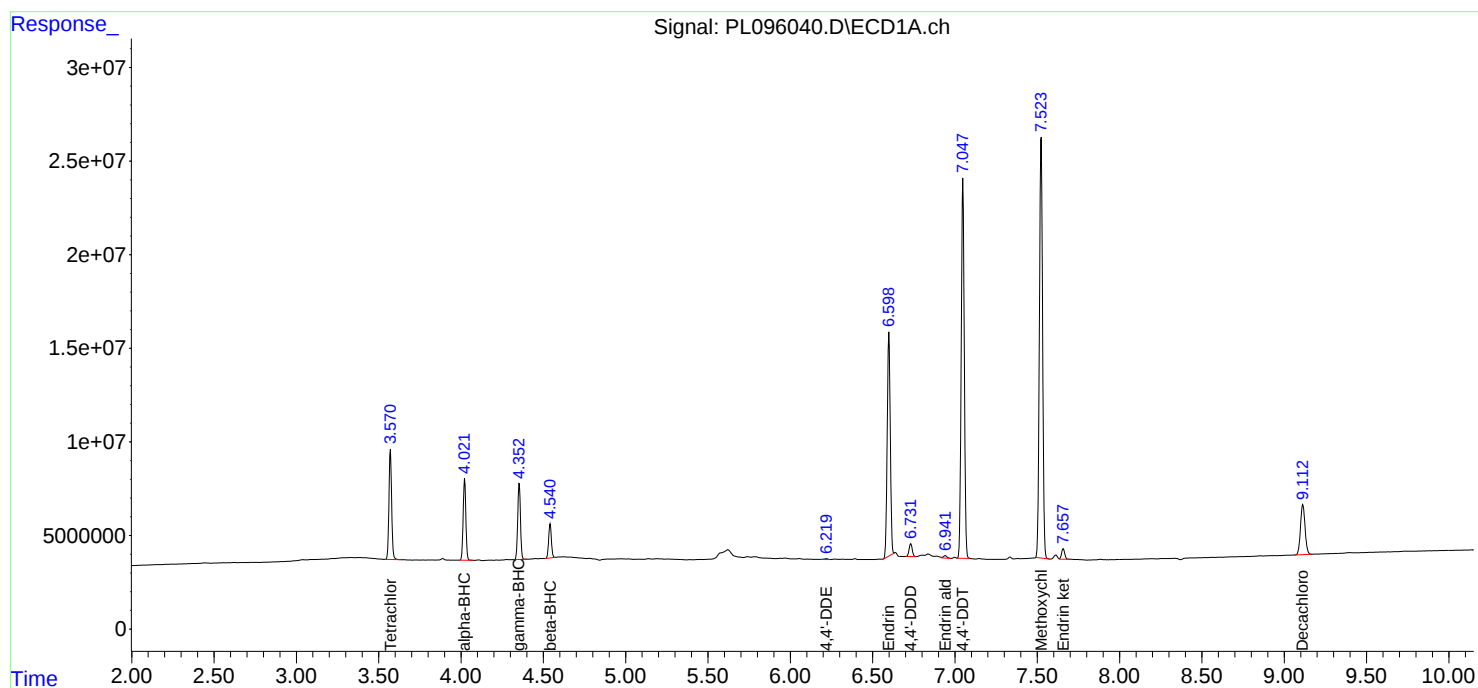
Instrument :
ECD_L
ClientSampleId :
PEM

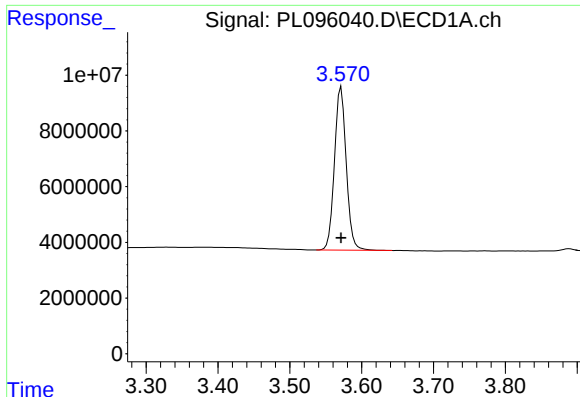
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:31:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 14:04:36 2025
Response 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





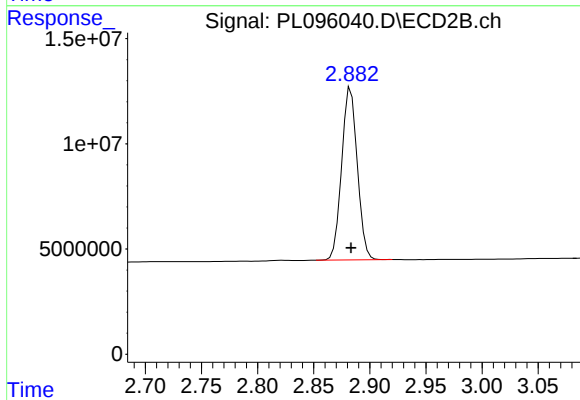
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.000 min
Response: 66677189
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

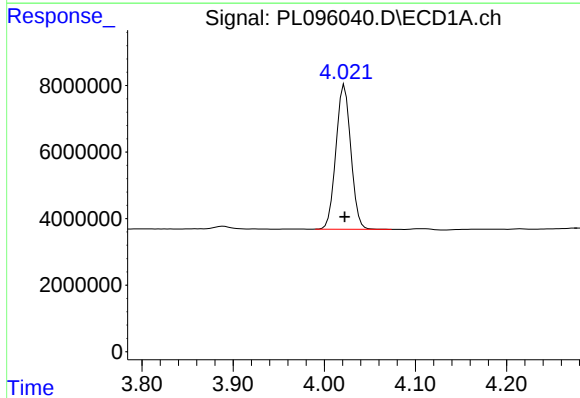
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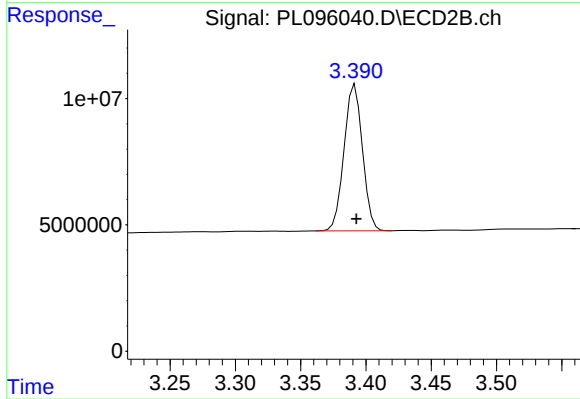
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 79439062
Conc: 19.57 ng/ml



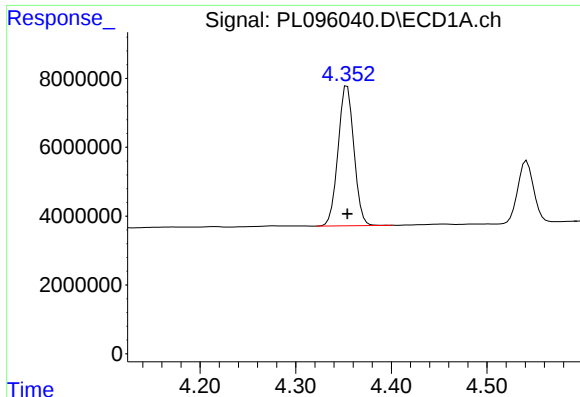
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 49281119
Conc: 9.87 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 56892730
Conc: 9.33 ng/ml



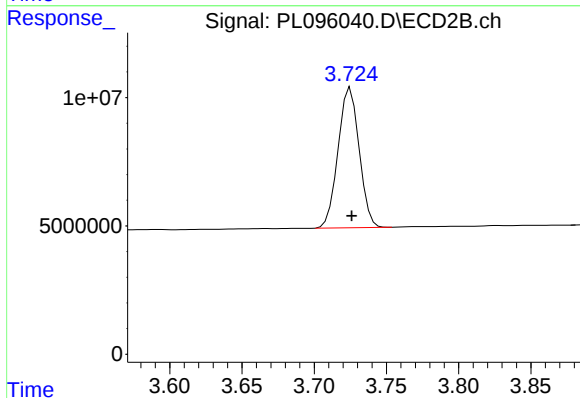
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 46894867
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

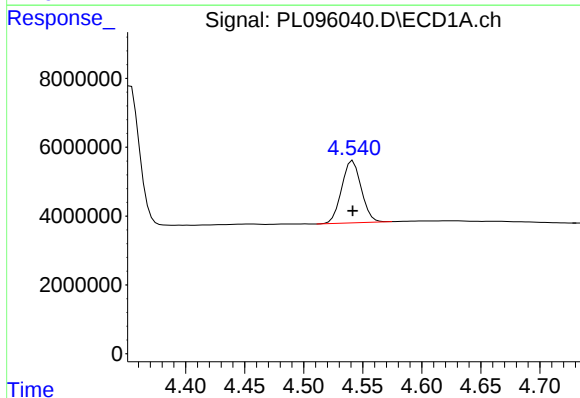
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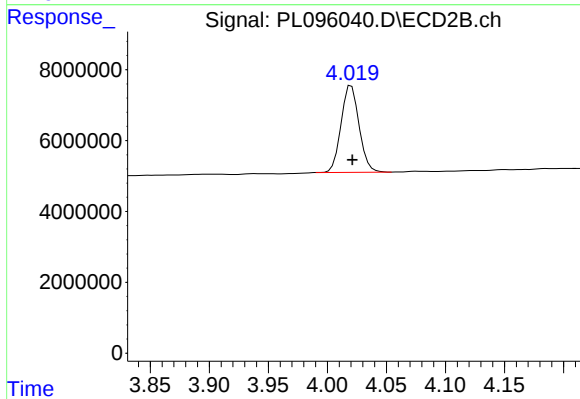
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 55337350
Conc: 9.52 ng/ml



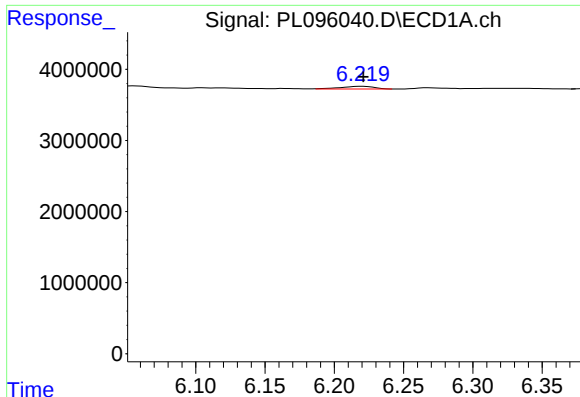
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 20846733
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 26008345
Conc: 10.10 ng/ml



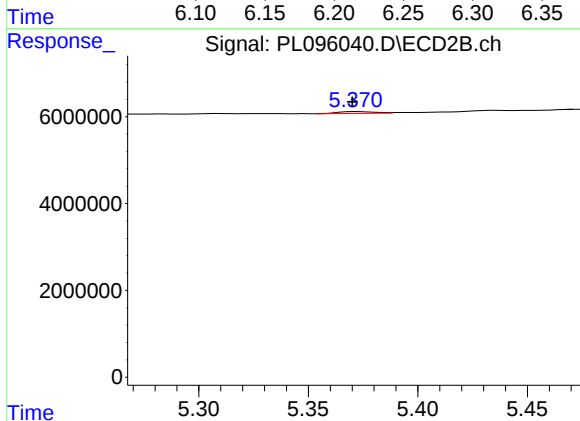
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: -0.002 min
Response: 657810
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

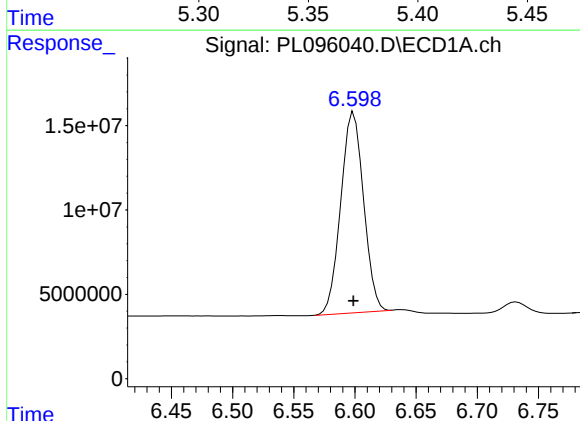
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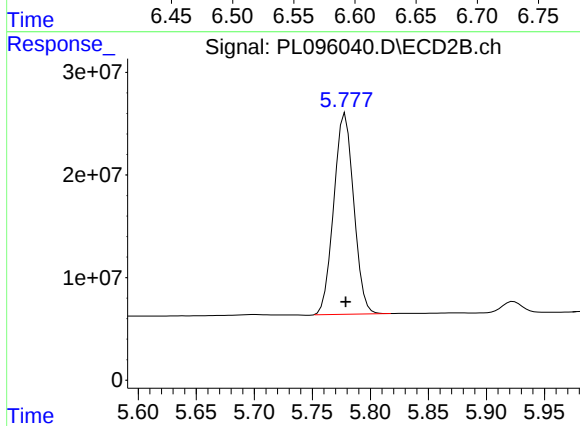
#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 543887
Conc: 0.10 ng/ml m



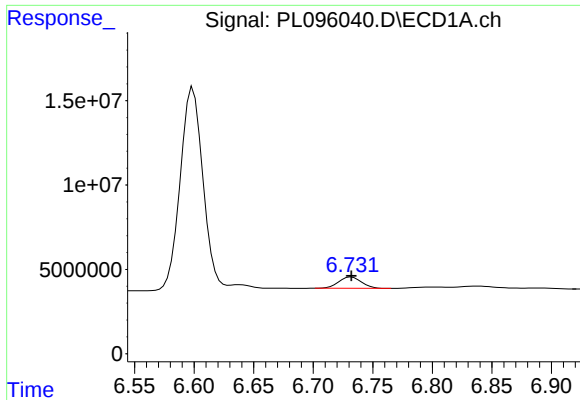
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 154411108
Conc: 48.75 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 234695827
Conc: 49.42 ng/ml



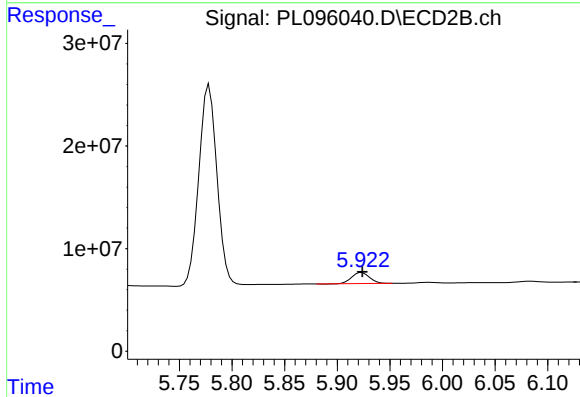
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 9030020
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

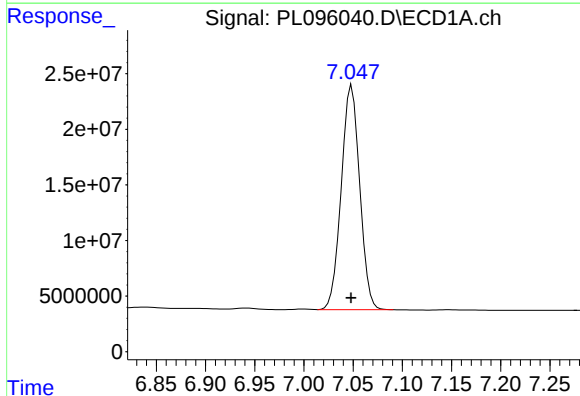
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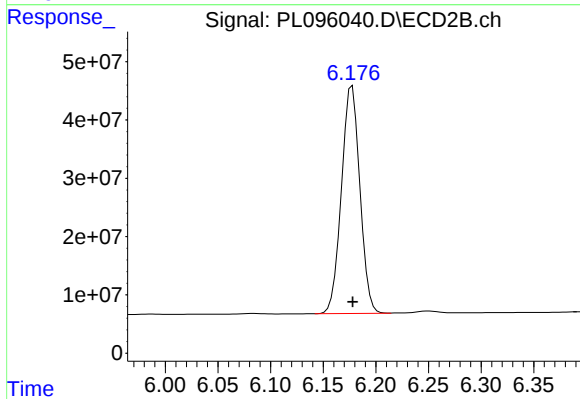
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 12736705
Conc: 2.78 ng/ml



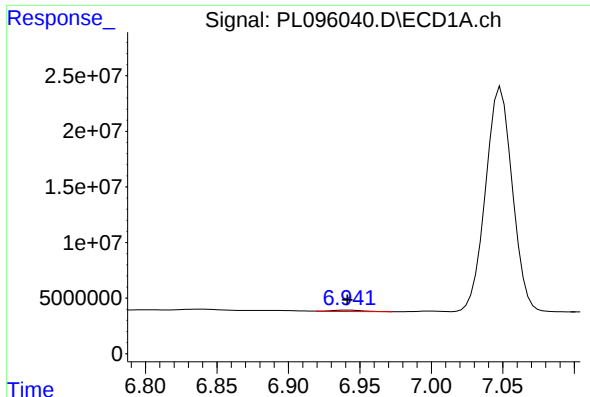
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 263143891
Conc: 92.44 ng/ml



#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 477416629
Conc: 101.29 ng/ml



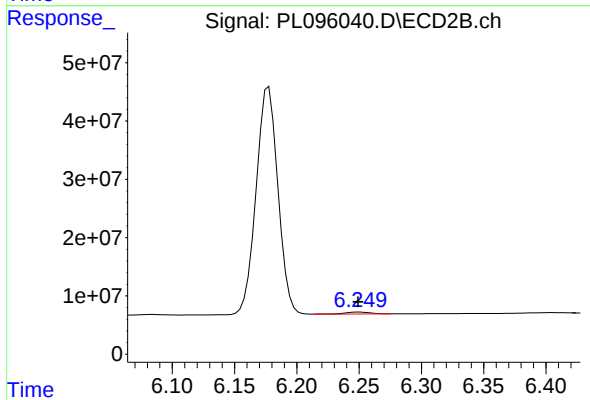
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 2000300
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

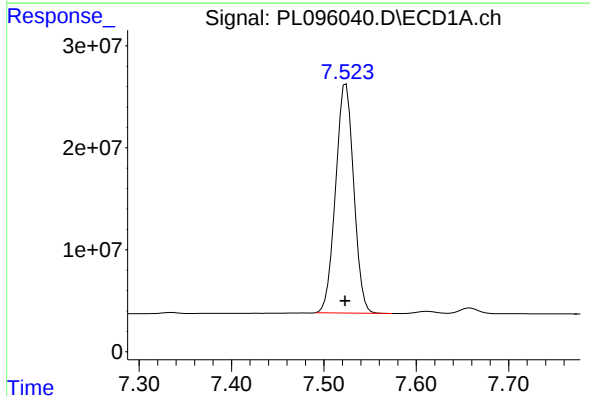
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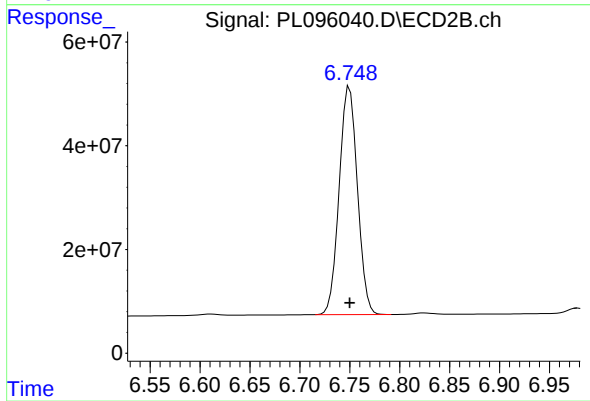
#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.001 min
Response: 4722469
Conc: 1.29 ng/ml



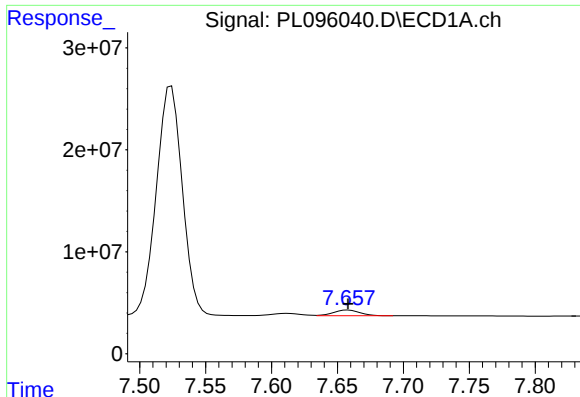
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.001 min
Response: 306214305
Conc: 213.86 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 559919327
Conc: 217.55 ng/ml



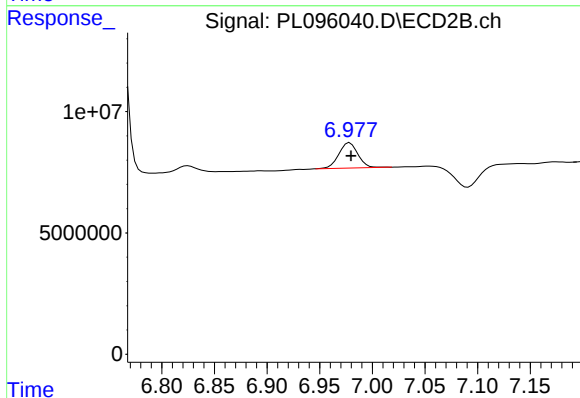
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 7464896
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

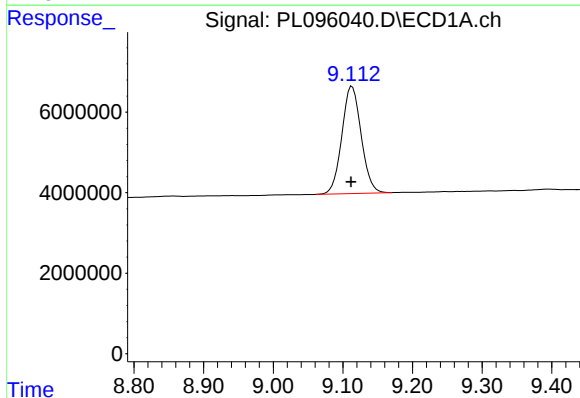
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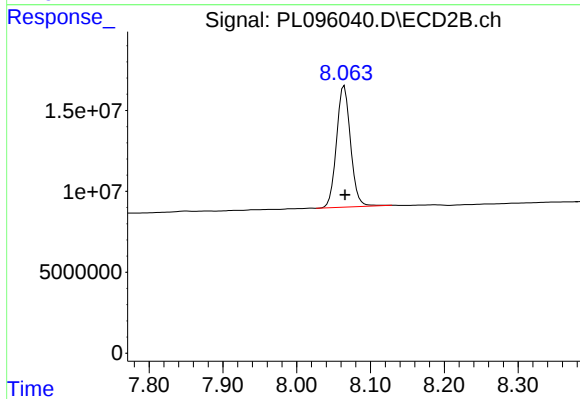
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 13198399
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.001 min
Response: 51350227
Conc: 21.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 99099741
Conc: 20.84 ng/ml