

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 15:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 04:26:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.570	2.880	75635982	96095024	21.972	21.901
28)	SA Decachlor...	9.109	8.062	64055998	123.7E6	24.028	22.982
Target Compounds							
2)	A alpha-BHC	4.021	3.389	56977926	68626952	10.634	10.368
3)	MA gamma-BHC...	4.352	3.722	54718520	66486785	10.926	10.566
6)	B beta-BHC	4.540	4.018	23566463	29901372	11.017	10.844
14)	MA Endrin	6.597	5.774	186.6E6	303.3E6	52.363	55.492
16)	A 4,4'-DDD	6.730	5.916	5766354	15252944	1.753	3.169m#
17)	MA 4,4'-DDT	7.046	6.174	342.1E6	600.3E6	104.632	109.342
18)	B Endrin al...	6.938	6.245	797058	5722664	0.304m	1.369m#
20)	A Methoxychlor	7.521	6.747	400.5E6	699.1E6	243.247	238.152
21)	B Endrin ke...	7.654	6.975	4677350	9188208	1.295m	1.537

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

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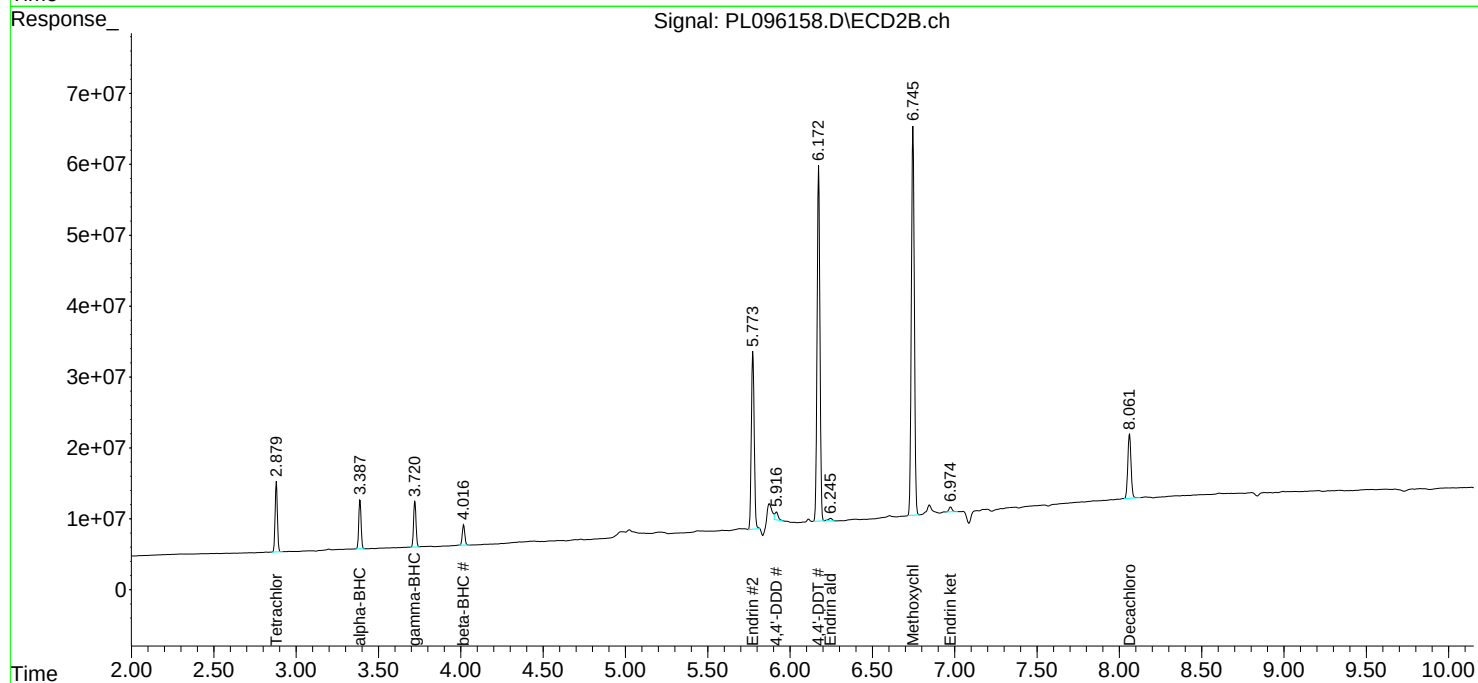
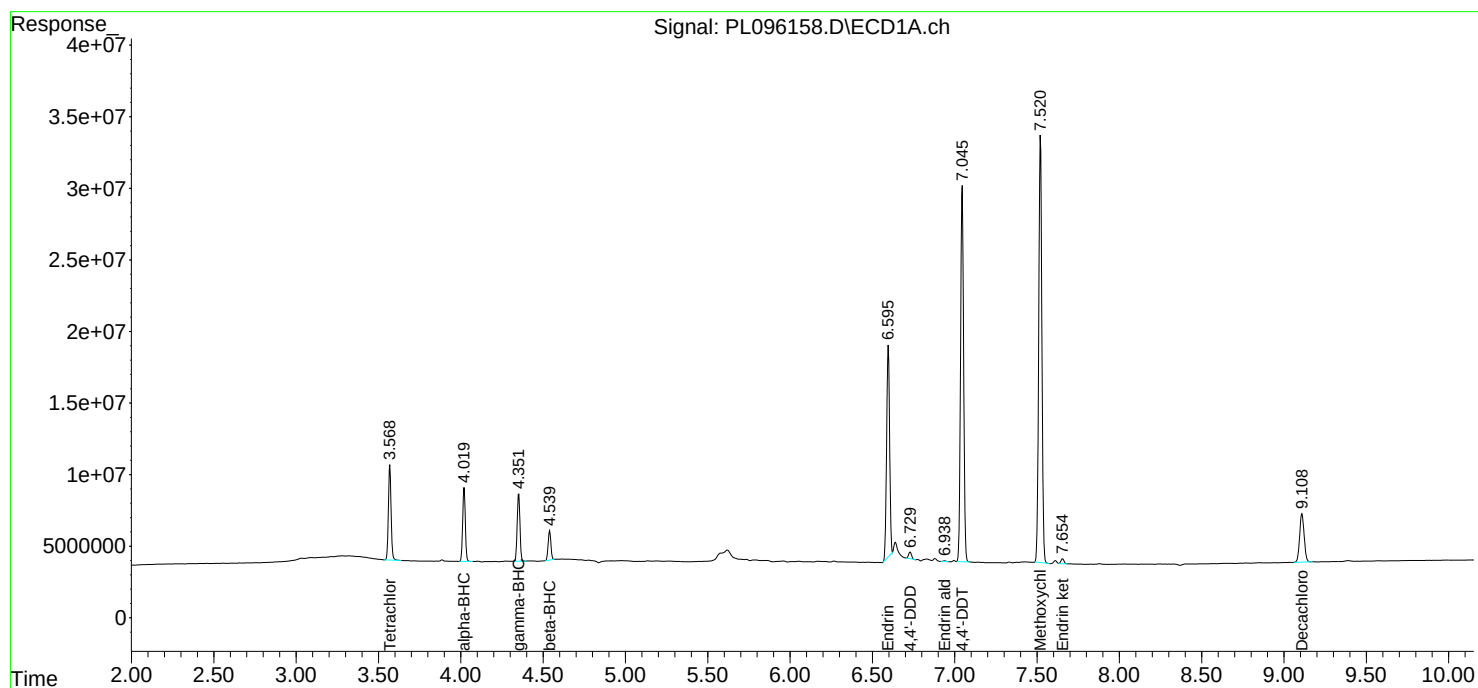
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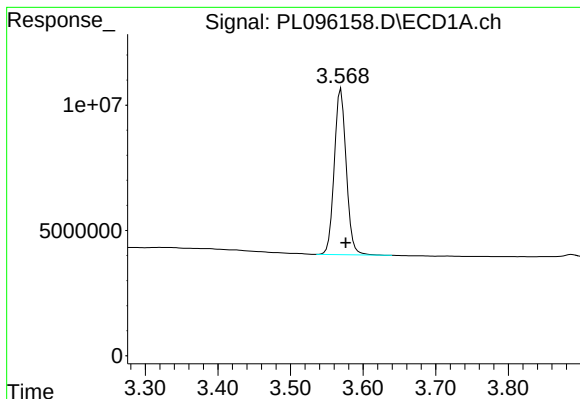
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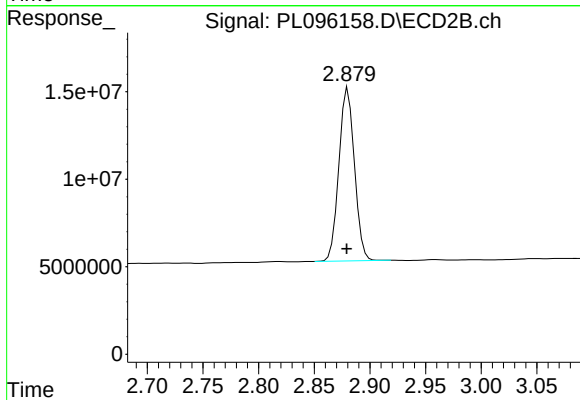
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.006 min
Response: 75635982
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

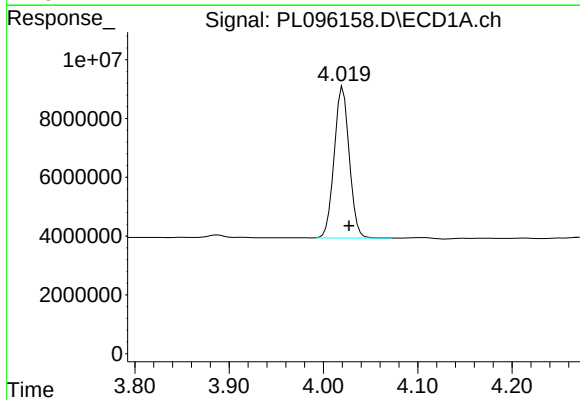
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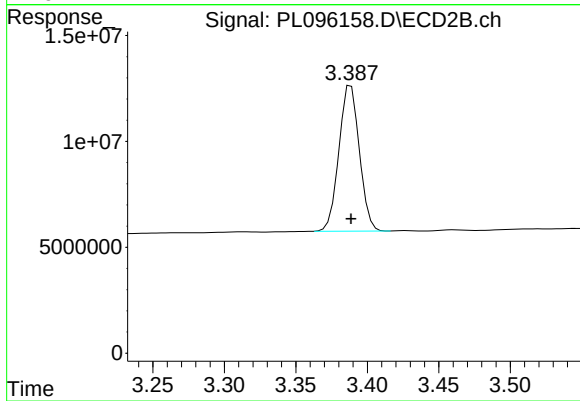
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.001 min
Response: 96095024
Conc: 21.90 ng/ml



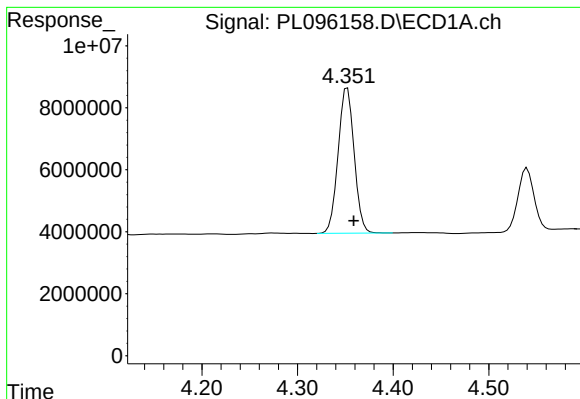
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.007 min
Response: 56977926
Conc: 10.63 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 68626952
Conc: 10.37 ng/ml



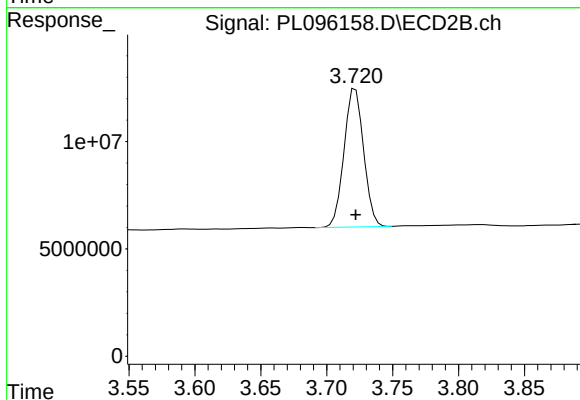
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: -0.007 min
Response: 54718520
Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

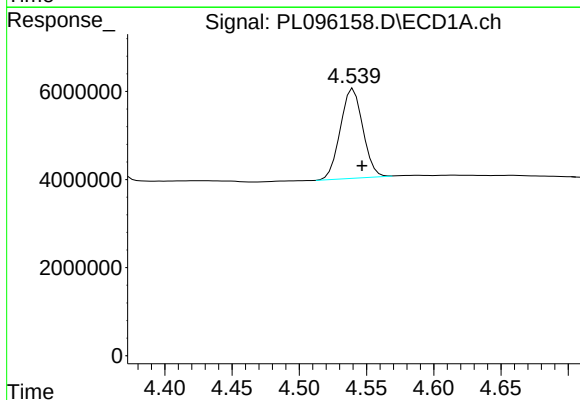
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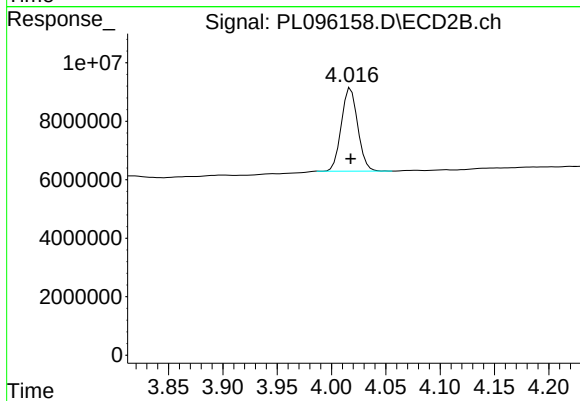
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 66486785
Conc: 10.57 ng/ml



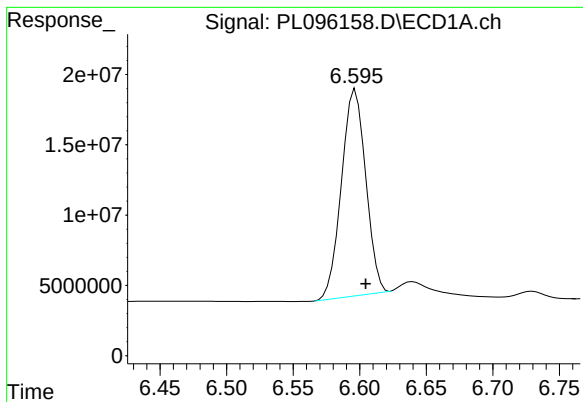
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 23566463
Conc: 11.02 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 29901372
Conc: 10.84 ng/ml



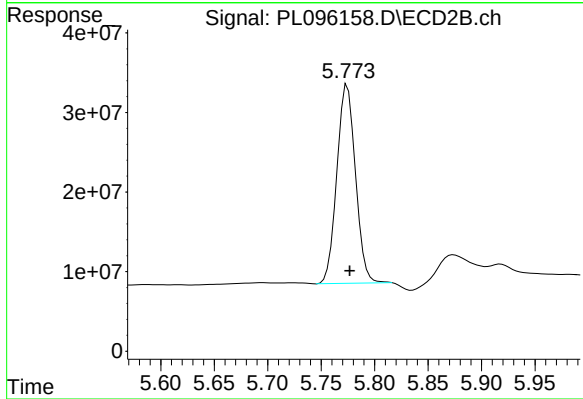
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 186597781
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

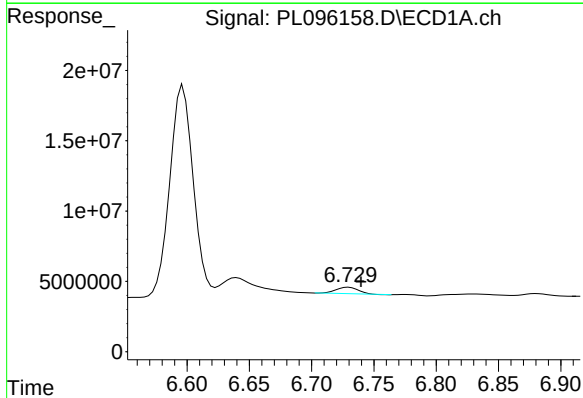
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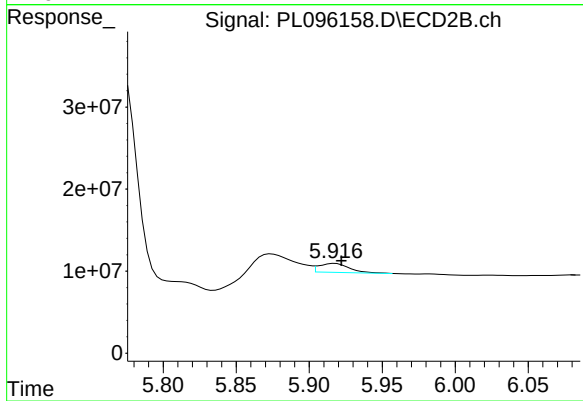
#14 Endrin

R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 303267704
Conc: 55.49 ng/ml



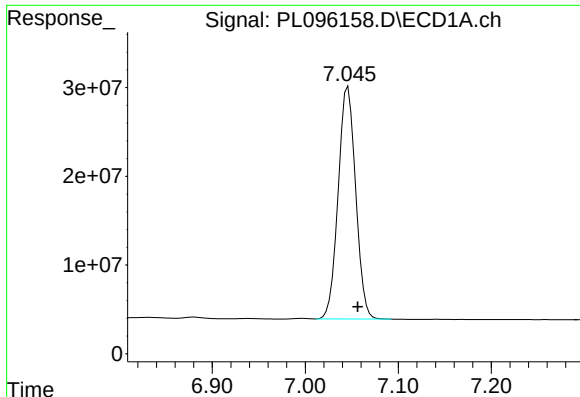
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 5766354
Conc: 1.75 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.006 min
Response: 15252944
Conc: 3.17 ng/ml m



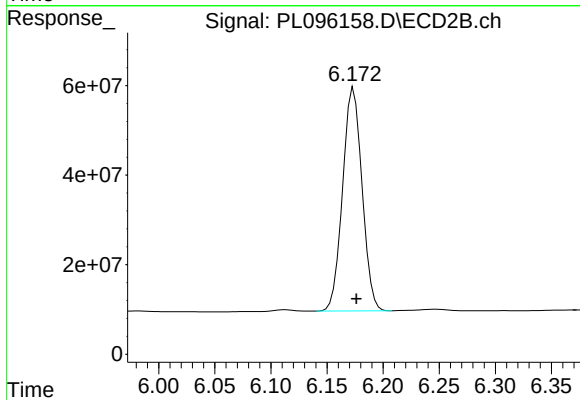
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.010 min
Response: 342051222
Conc: 104.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

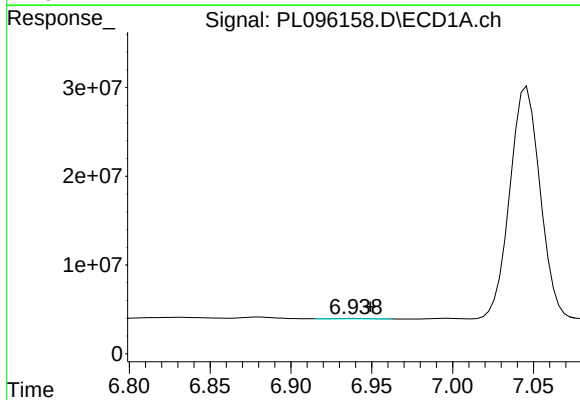
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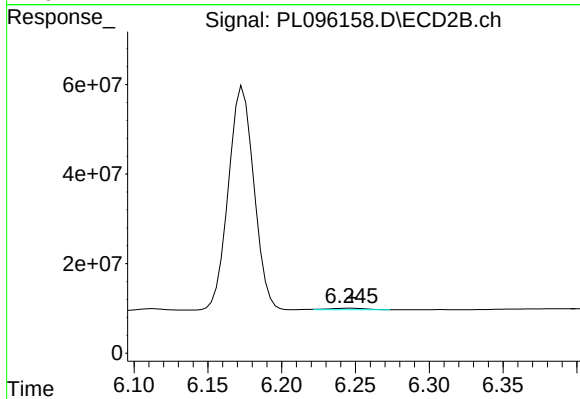
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 600254648
Conc: 109.34 ng/ml



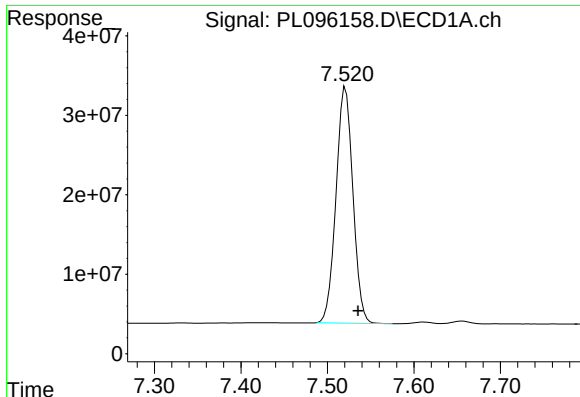
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.011 min
Response: 797058
Conc: 0.30 ng/ml m



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 5722664
Conc: 1.37 ng/ml m



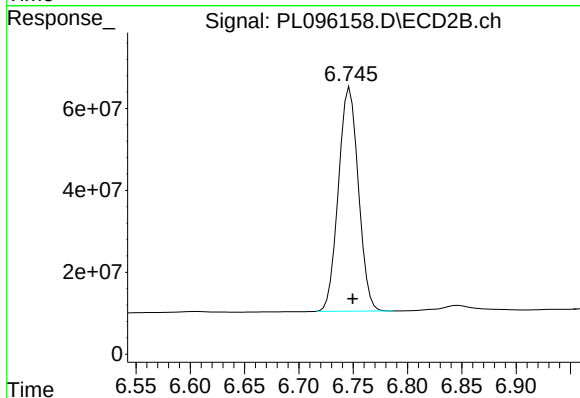
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.014 min
Response: 400542880
Conc: 243.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

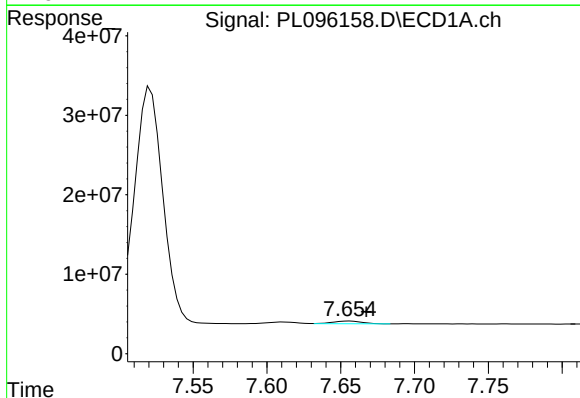
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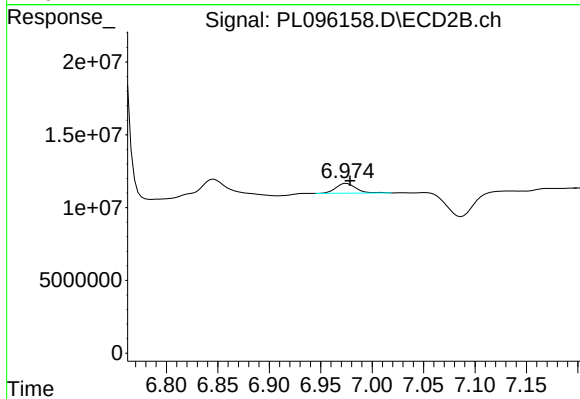
#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 699055161
Conc: 238.15 ng/ml



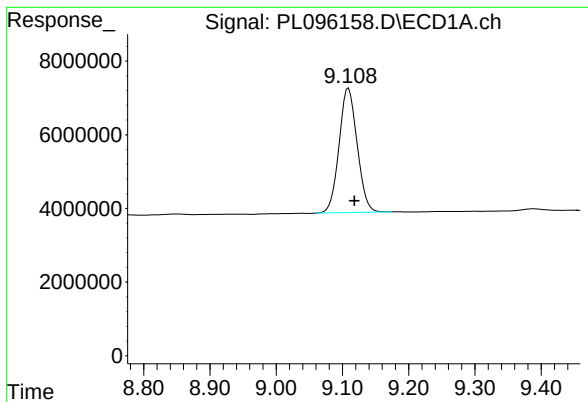
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.013 min
Response: 4677350
Conc: 1.30 ng/ml m



#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.003 min
Response: 9188208
Conc: 1.54 ng/ml



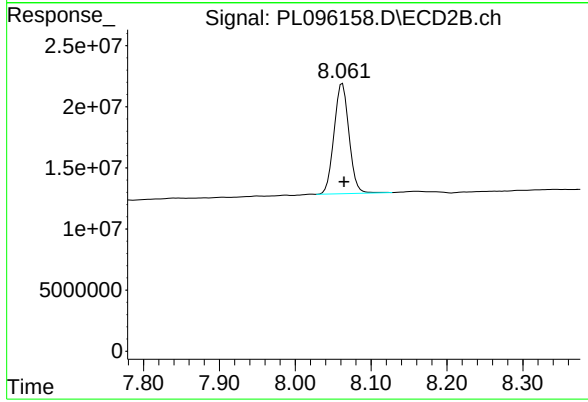
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.009 min
Response: 64055998
Conc: 24.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 123671040
Conc: 22.98 ng/ml