

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061825\
 Data File : PL096097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 11:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2025
 Supervised By : mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 01:27:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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...	3.571	2.882	78763888	100.2E6	21.645	21.116
28)	SA Decachlor...	9.114	8.065	58992065	118.7E6	20.601	19.686
Target Compounds							
2)	A alpha-BHC	4.022	3.391	59007514	72220081	10.418	10.037
3)	MA gamma-BHC...	4.353	3.724	56450841	69198791	10.668	10.099
6)	B beta-BHC	4.542	4.020	24725325	30718662	10.966	10.139
14)	MA Endrin	6.599	5.778	191.6E6	306.8E6	50.403	51.697
16)	A 4,4'-DDD	6.731	5.923	17772580	24129984	5.095m	4.387
17)	MA 4,4'-DDT	7.049	6.178	312.5E6	577.8E6	89.483	96.292
18)	B Endrin al...	6.941	6.250	1296796	4400151	0.457m	0.981 #
20)	A Methoxychlor	7.524	6.750	369.3E6	682.1E6	207.428	207.934
21)	B Endrin ke...	7.659	6.978	6956533	10086763	1.786	1.520

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

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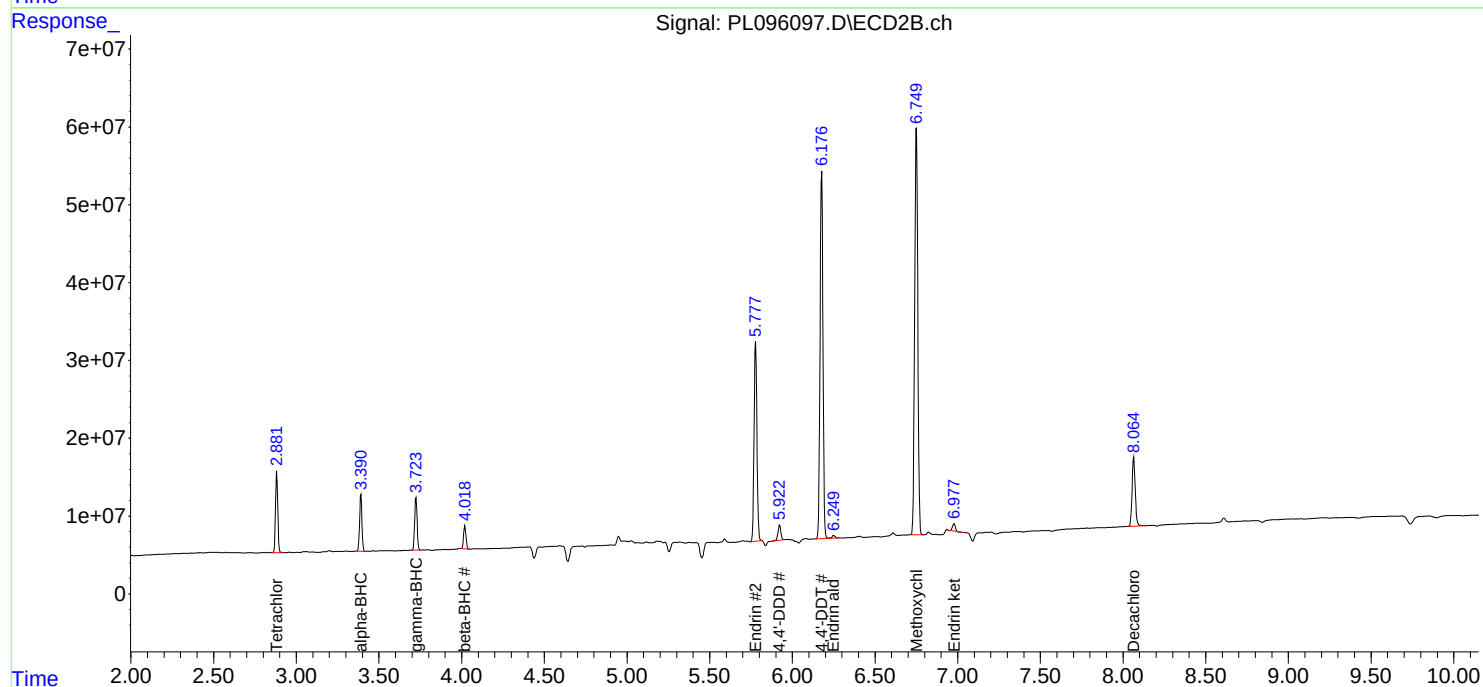
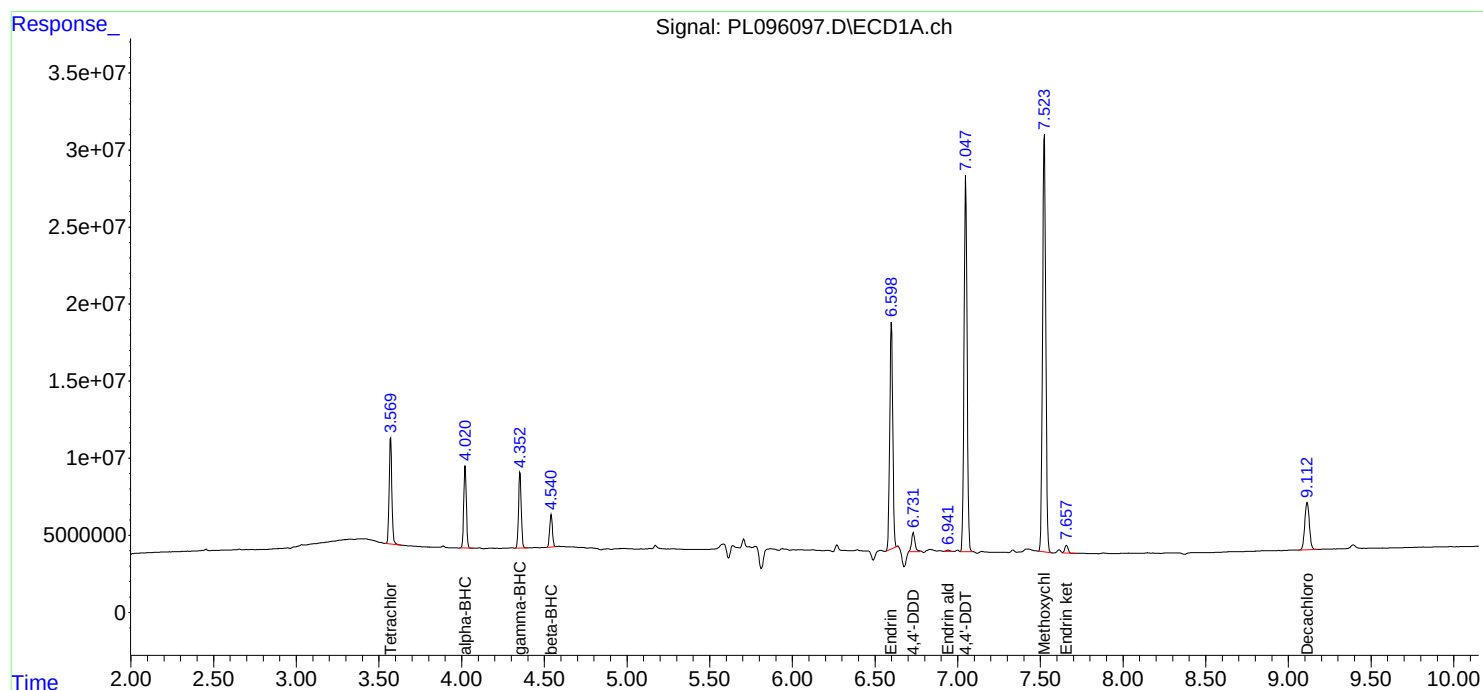
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ECD_L
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PEM

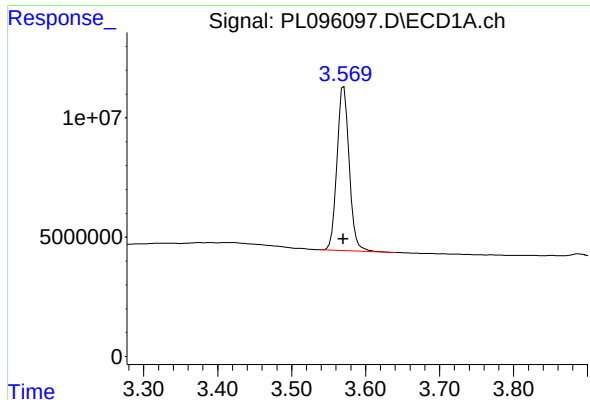
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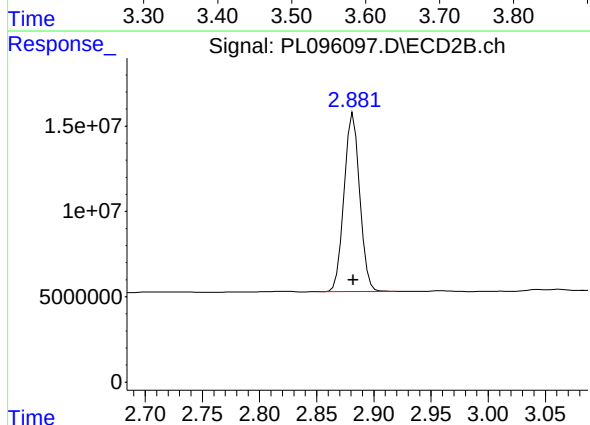
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 78763888
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

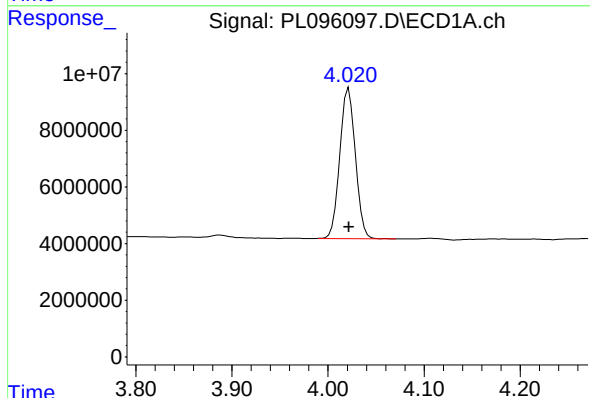
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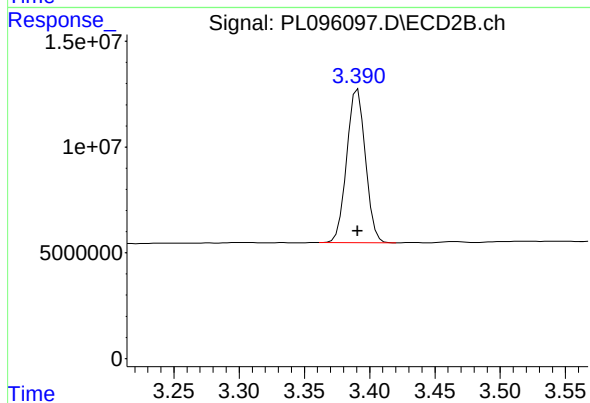
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 100155283
Conc: 21.12 ng/ml



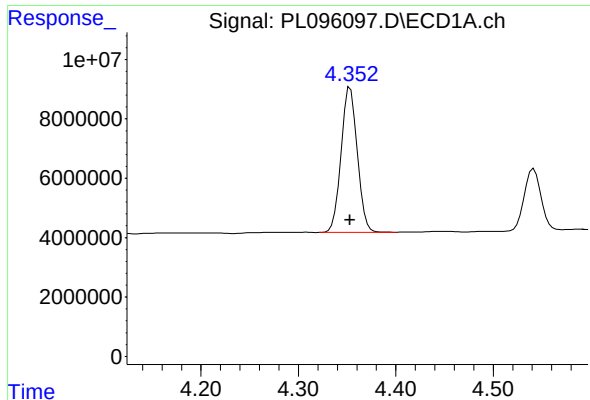
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 59007514
Conc: 10.42 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 72220081
Conc: 10.04 ng/ml



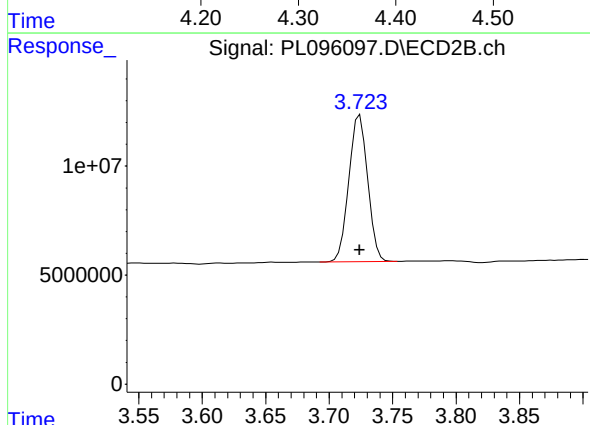
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 56450841
Conc: 10.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

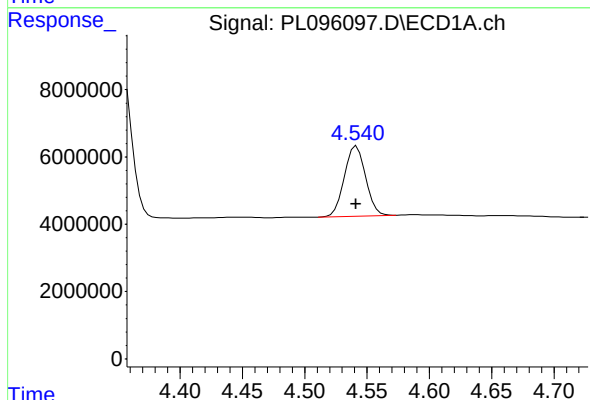
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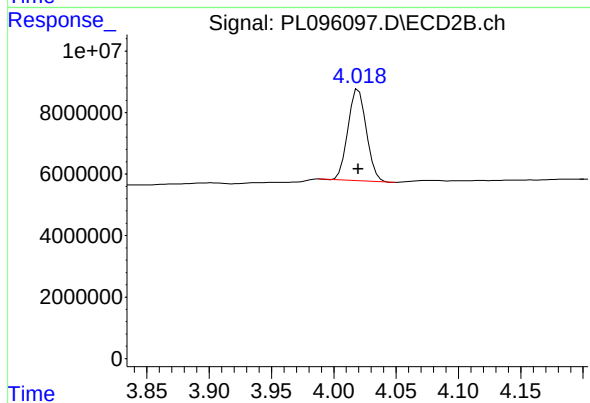
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 69198791
Conc: 10.10 ng/ml



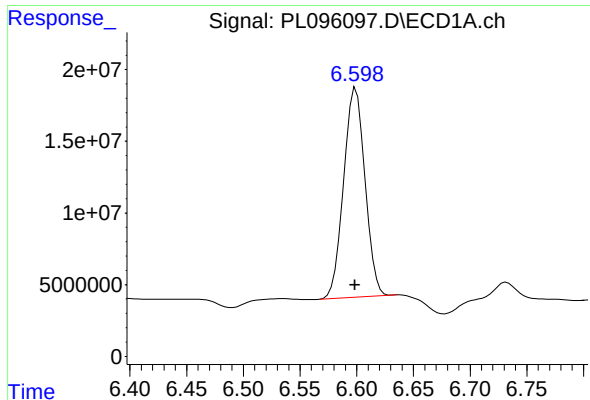
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 24725325
Conc: 10.97 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 30718662
Conc: 10.14 ng/ml



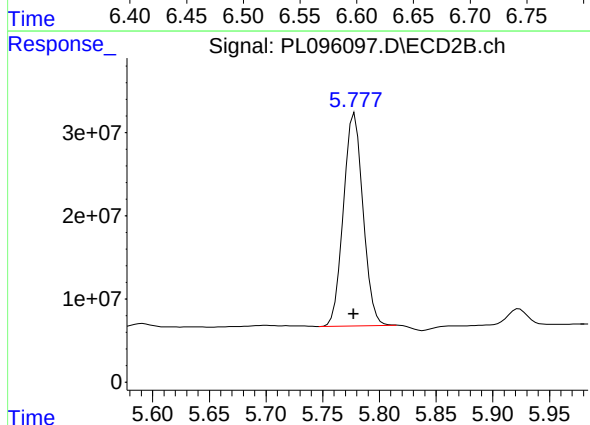
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 191583678
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

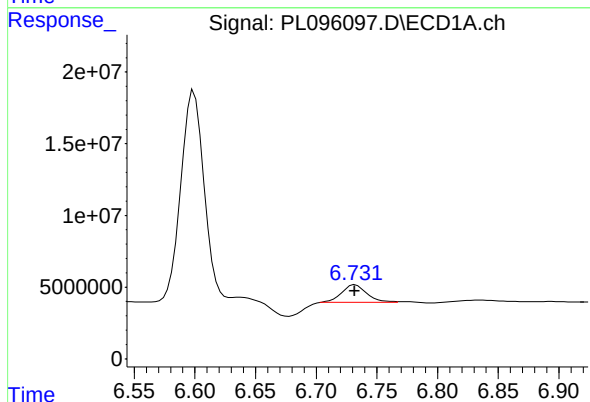
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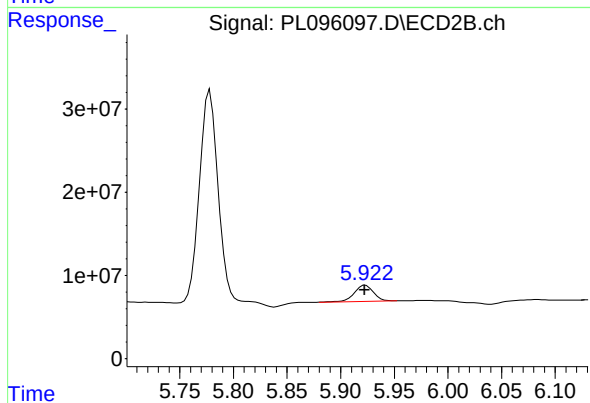
#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 306832195
Conc: 51.70 ng/ml



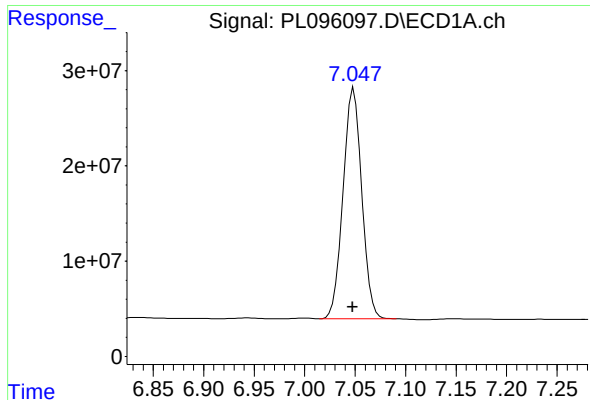
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.001 min
Response: 17772580
Conc: 5.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 24129984
Conc: 4.39 ng/ml



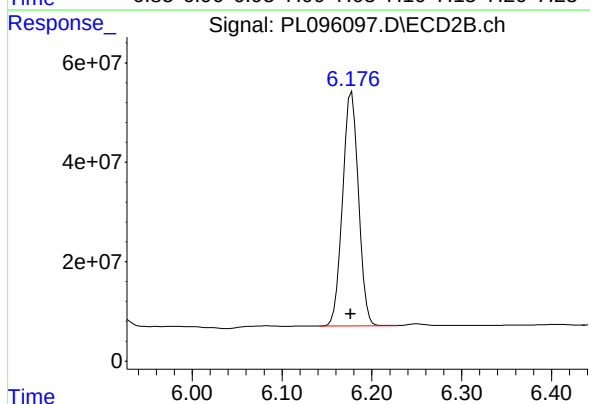
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.001 min
Response: 312497019
Conc: 89.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

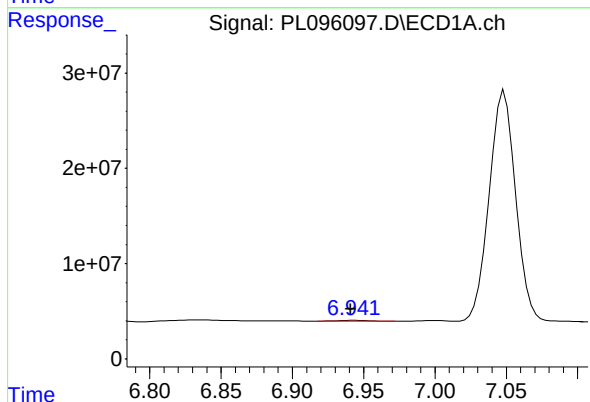
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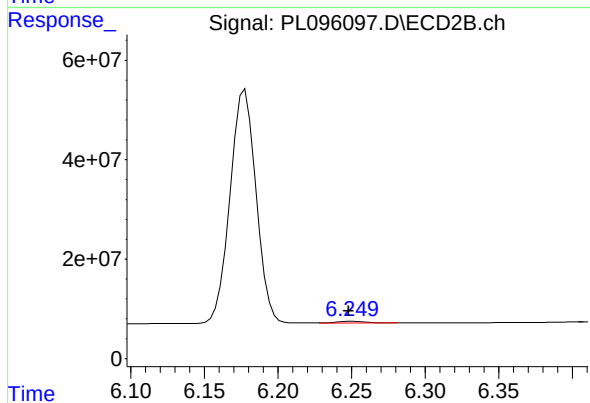
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 577757999
Conc: 96.29 ng/ml



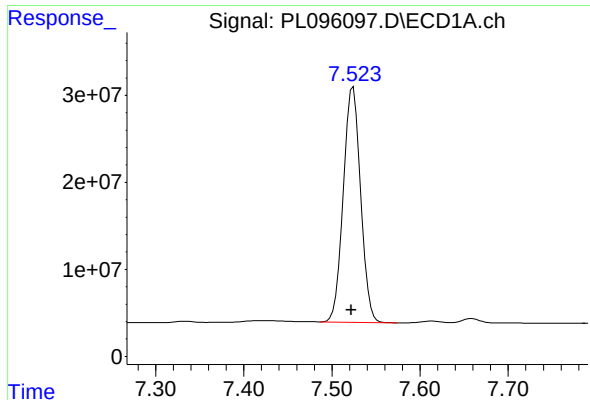
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1296796
Conc: 0.46 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.002 min
Response: 4400151
Conc: 0.98 ng/ml



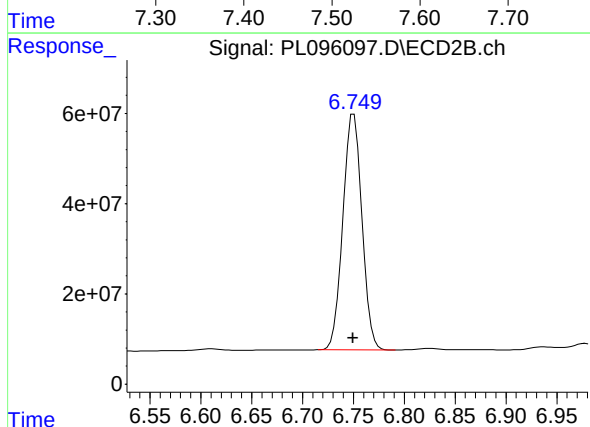
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 369328255
Conc: 207.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

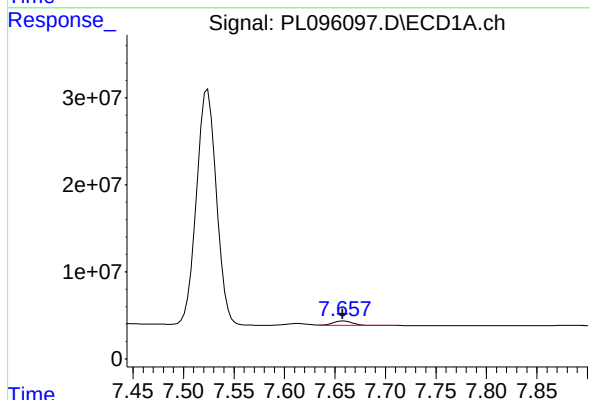
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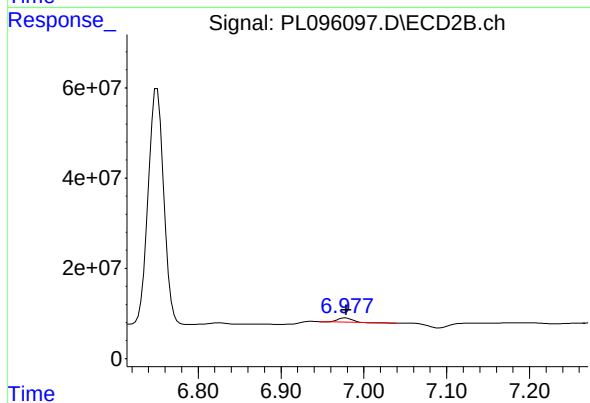
#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 682128122
Conc: 207.93 ng/ml



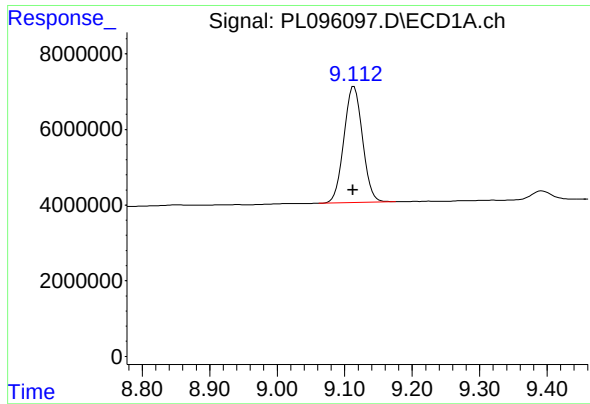
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 6956533
Conc: 1.79 ng/ml



#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 10086763
Conc: 1.52 ng/ml



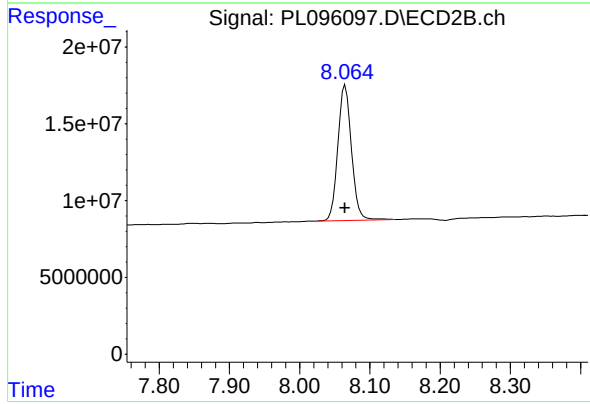
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.001 min
Response: 58992065
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 118656384
Conc: 19.69 ng/ml