

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 16:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:57:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.535	2.828	66676938	99261210	20.962	20.776
28)	SA Decachlor...	9.017	7.992	50725219	90556842	21.271	20.874
Target Compounds							
2)	A alpha-BHC	3.983	3.333	48281852	72680702	10.436	10.270
3)	MA gamma-BHC...	4.311	3.666	46672698	68921884	10.551	10.437
6)	B beta-BHC	4.498	3.962	18987747	30564619	10.520	10.835
14)	MA Endrin	6.543	5.710	163.5E6	289.9E6	54.016	53.632
16)	A 4,4'-DDD	6.677	5.858	1316536	1618969	0.521m	0.344m#
17)	MA 4,4'-DDT	6.990	6.109	314.0E6	562.5E6	109.497	111.208
18)	B Endrin al...	6.888	6.180	1570508	12998853	0.732m	0.219 #
20)	A Methoxychlor	7.463	6.682	392.3E6	694.1E6	267.202	253.290
21)	B Endrin ke...	7.598	6.905	2324768	3361038	0.773m	0.603m

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

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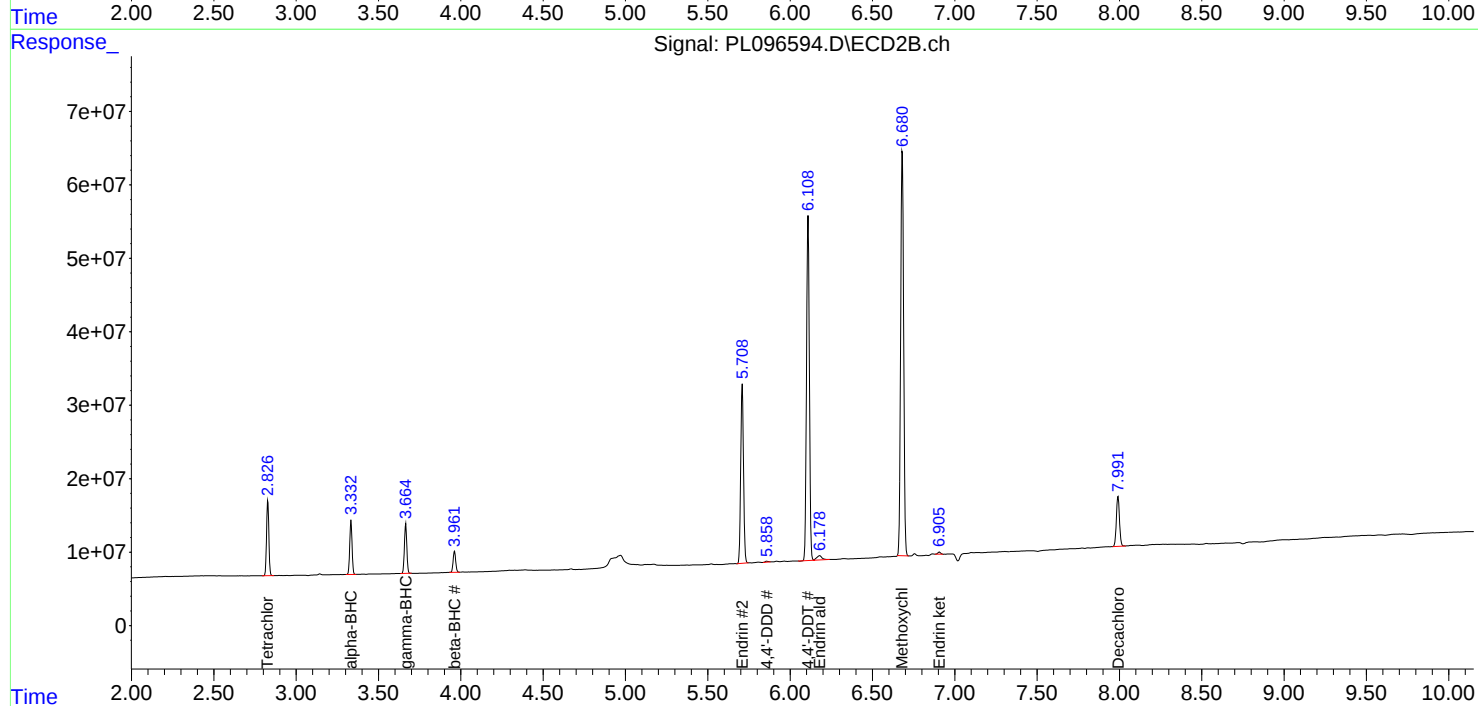
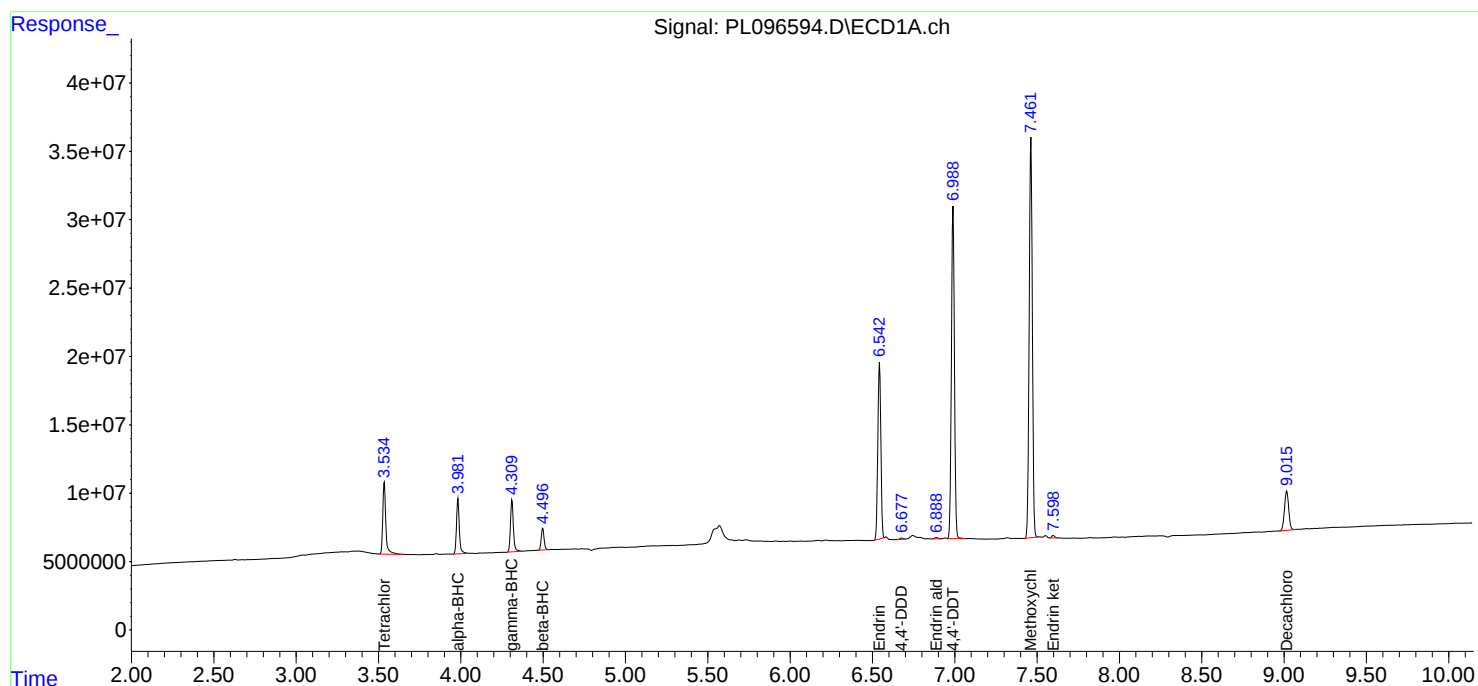
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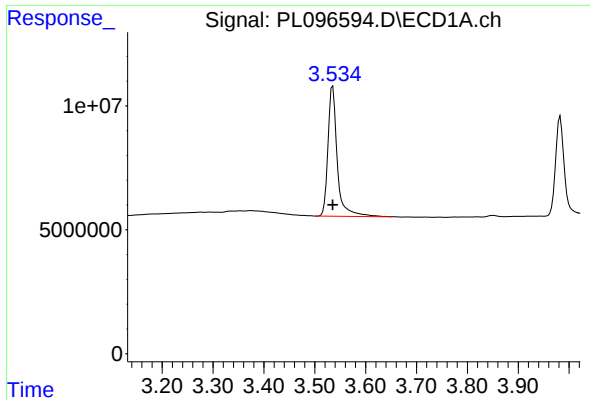
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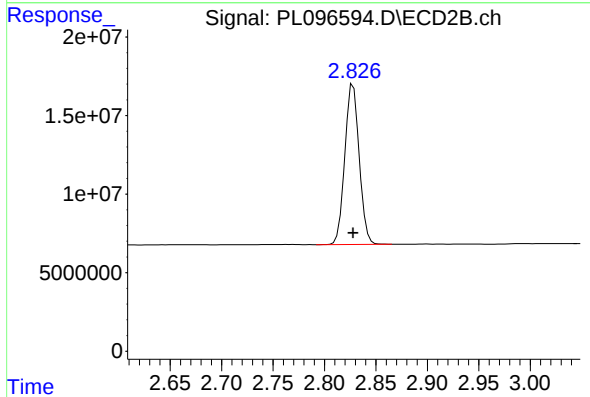
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 66676938
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

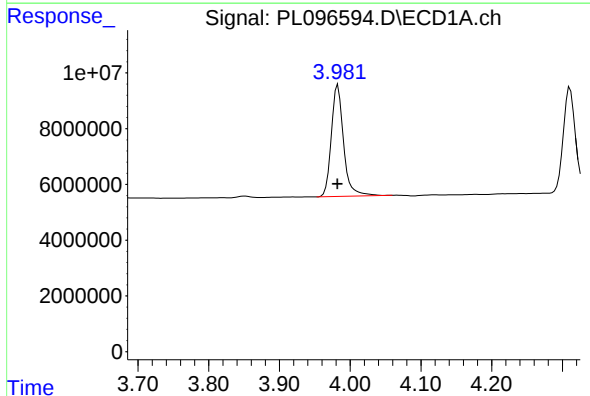
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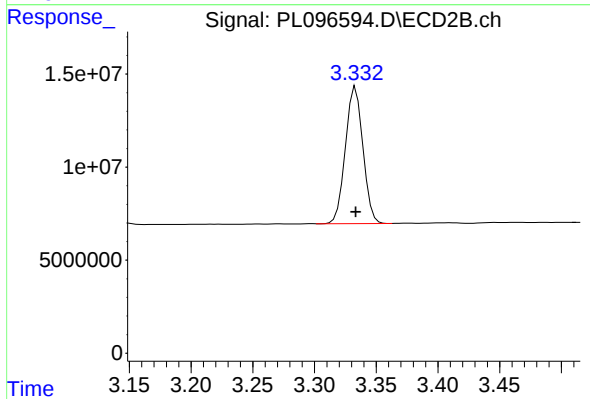
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 99261210
Conc: 20.78 ng/ml



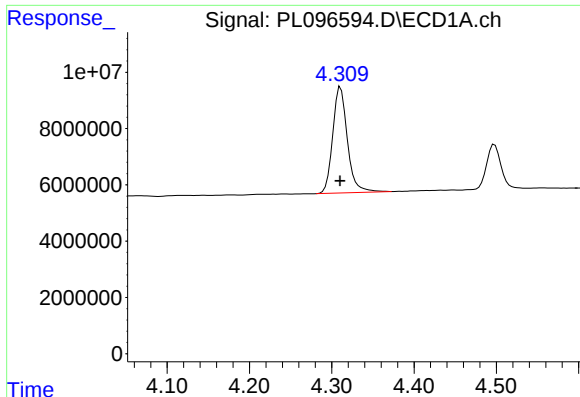
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 48281852
Conc: 10.44 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 72680702
Conc: 10.27 ng/ml



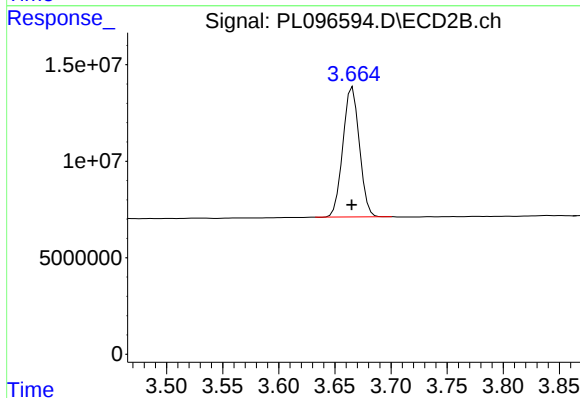
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 46672698
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

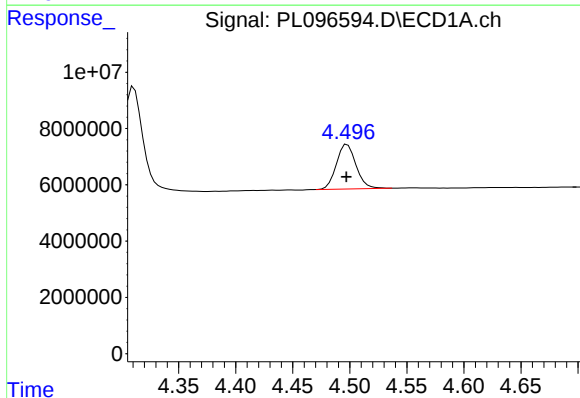
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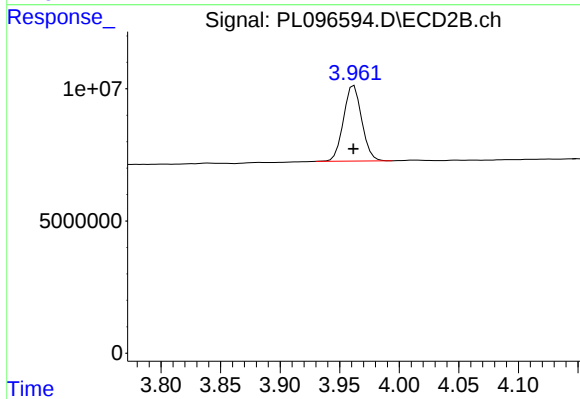
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 68921884
Conc: 10.44 ng/ml



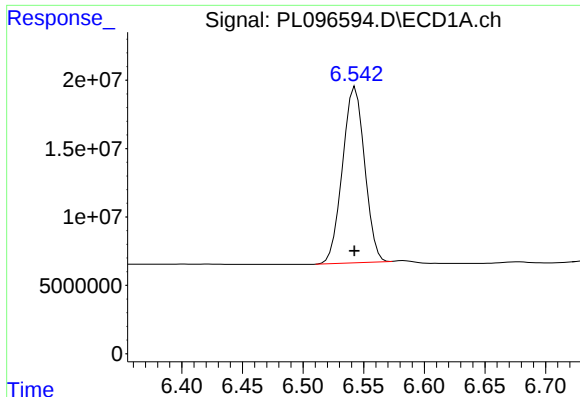
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 18987747
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 30564619
Conc: 10.84 ng/ml



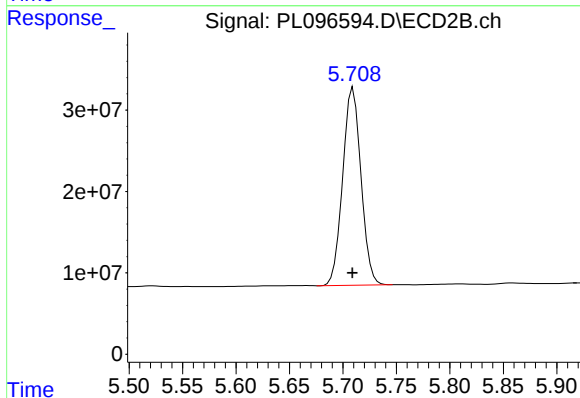
#14 Endrin

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 163494961
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

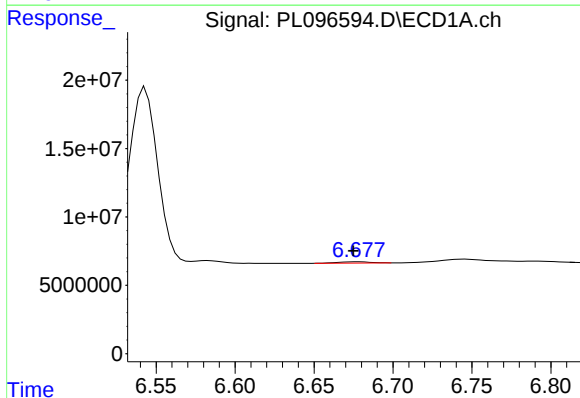
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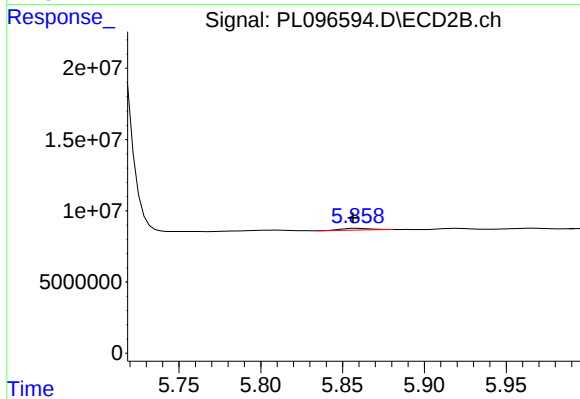
#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 289935231
Conc: 53.63 ng/ml



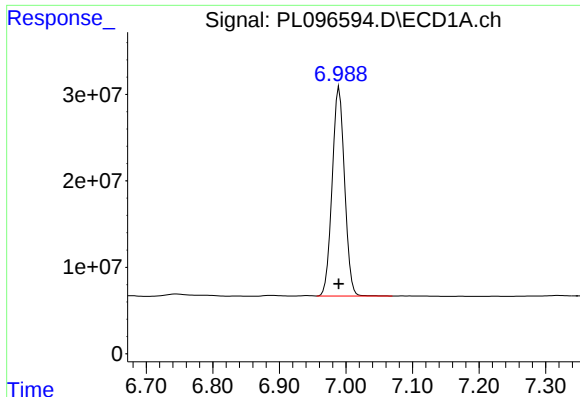
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 1316536
Conc: 0.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 1618969
Conc: 0.34 ng/ml m



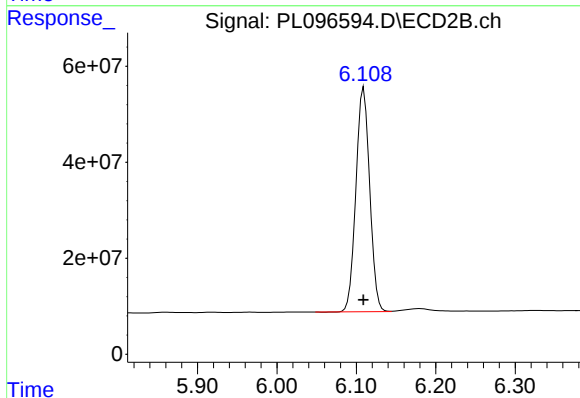
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 314003596
Conc: 109.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

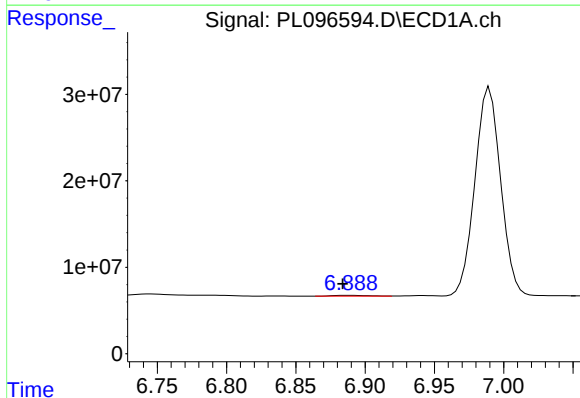
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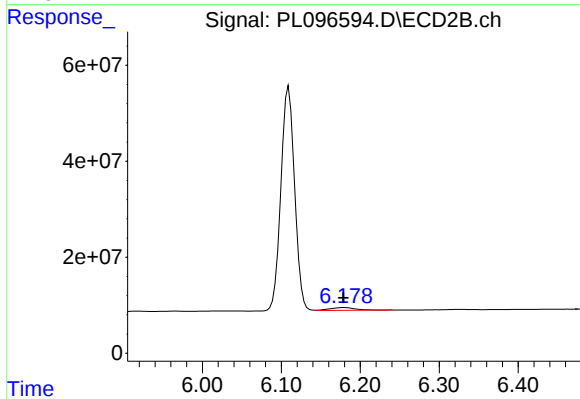
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 562525716
Conc: 111.21 ng/ml



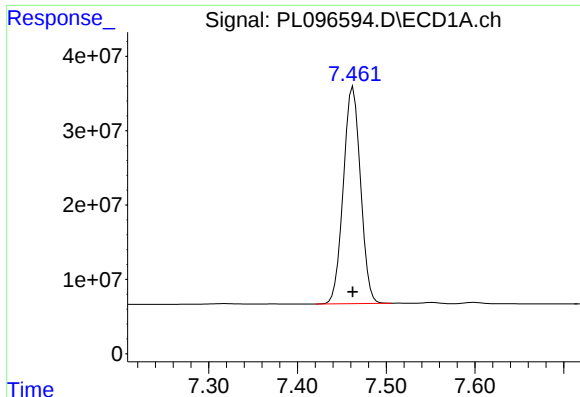
#18 Endrin aldehyde

R.T.: 6.888 min
Delta R.T.: 0.004 min
Response: 1570508
Conc: 0.73 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.001 min
Response: 12998853
Conc: 0.22 ng/ml



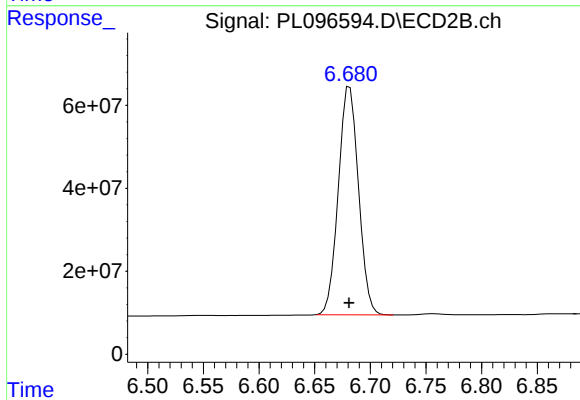
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 392347777
Conc: 267.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

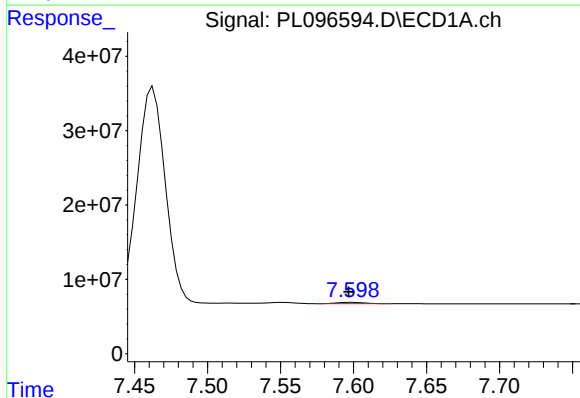
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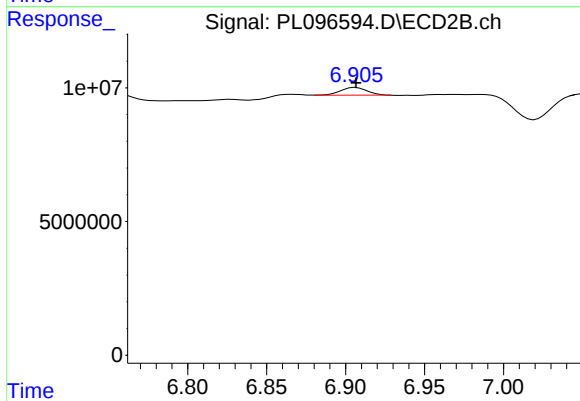
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 694139453
Conc: 253.29 ng/ml



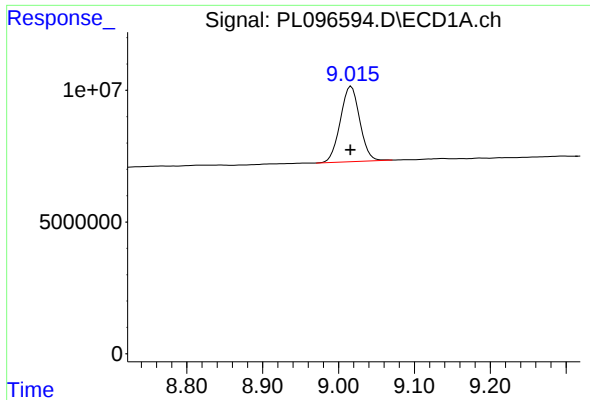
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 2324768
Conc: 0.77 ng/ml m



#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 3361038
Conc: 0.60 ng/ml m



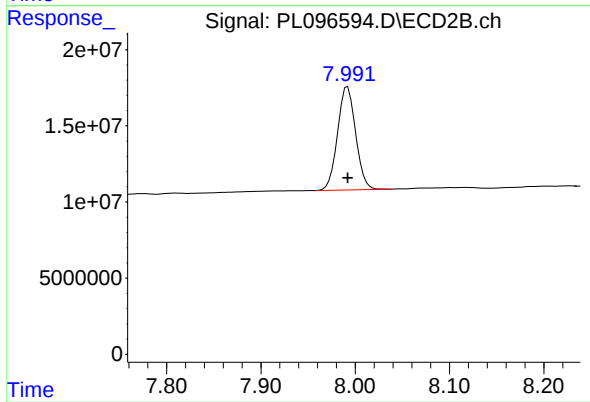
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: 0.000 min
Response: 50725219
Conc: 21.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 90556842
Conc: 20.87 ng/ml