

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/25/2025
 Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:50:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.538	2.771	55990087	70391629	19.780	19.722
28)	SA Decachlor...	9.054	7.904	47516837	75829144	22.547	18.773
Target Compounds							
2)	A alpha-BHC	3.993	3.271	42605294	51299390	10.261	9.515m
3)	MA gamma-BHC...	4.326	3.603	41598604	49507308	10.425	9.633
6)	B beta-BHC	4.525	3.903	19363316	24154010	10.494	10.874
14)	MA Endrin	6.572	5.630	118.4E6	201.1E6	42.721m	46.075m
16)	A 4,4'-DDD	6.708	5.779	3863565	5213182	1.784m	1.450
17)	MA 4,4'-DDT	7.024	6.029	226.0E6	426.1E6	95.017	105.679
18)	B Endrin al...	6.921	6.106	4754042	7174064	2.252m	2.132
20)	A Methoxychlor	7.500	6.604	280.9E6	494.3E6	234.668	233.037
21)	B Endrin ke...	7.642	6.833	8963320	12925235	3.391	2.708

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

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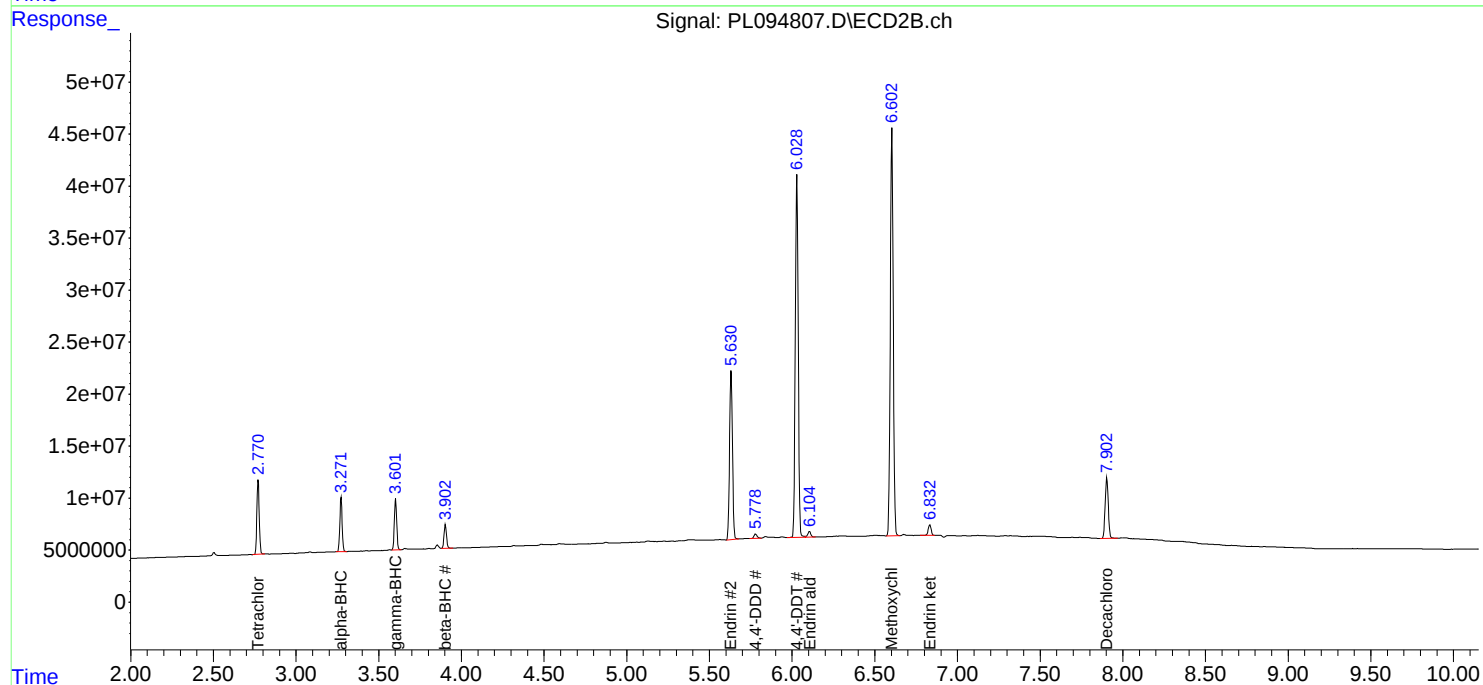
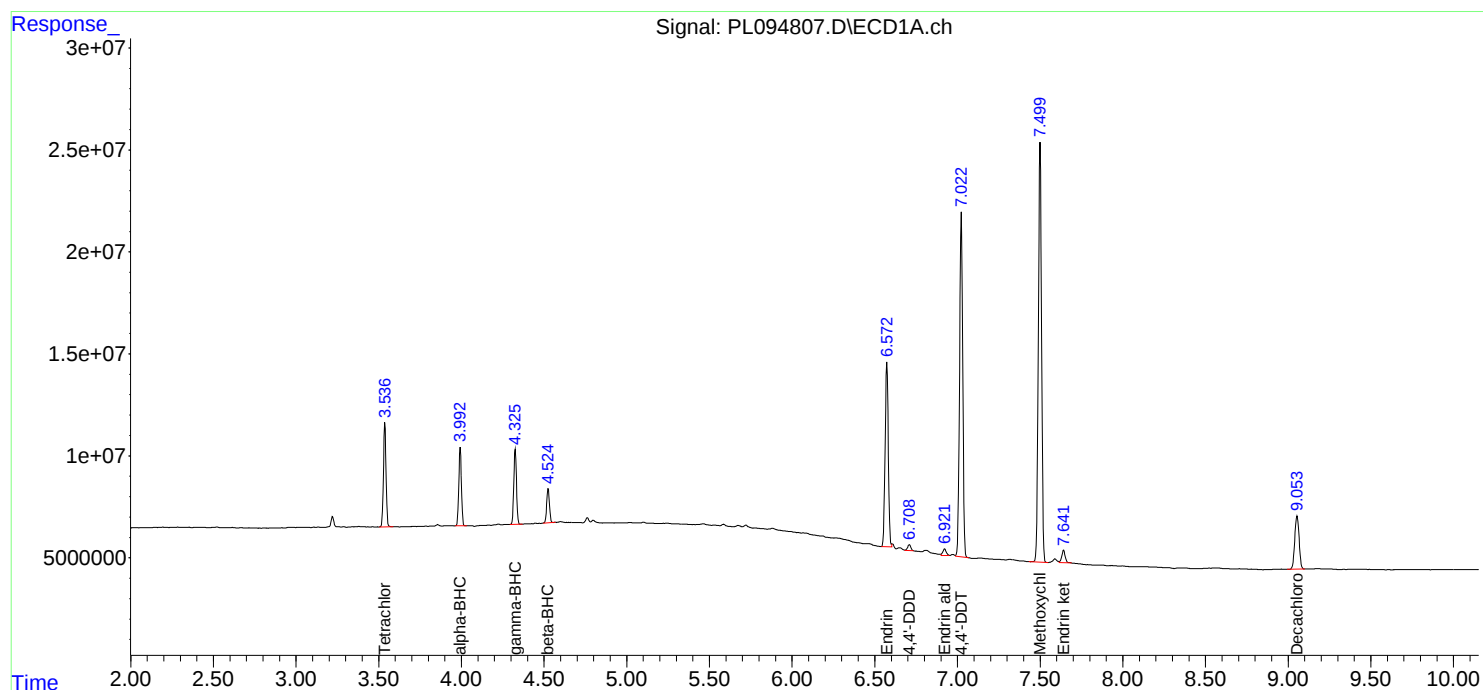
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ECD_L
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PEM

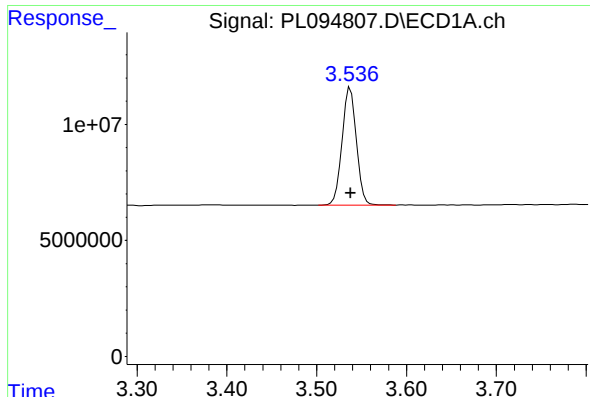
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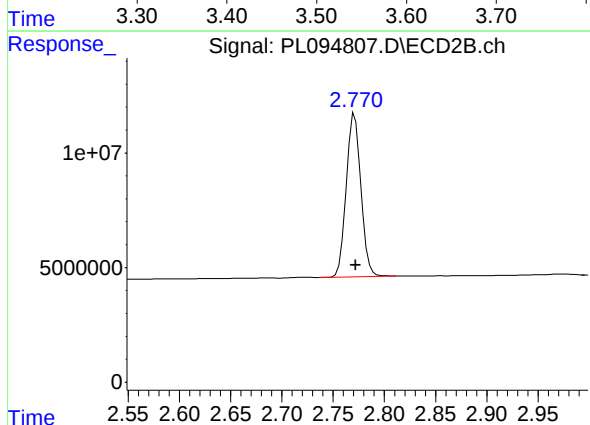
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 55990087
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

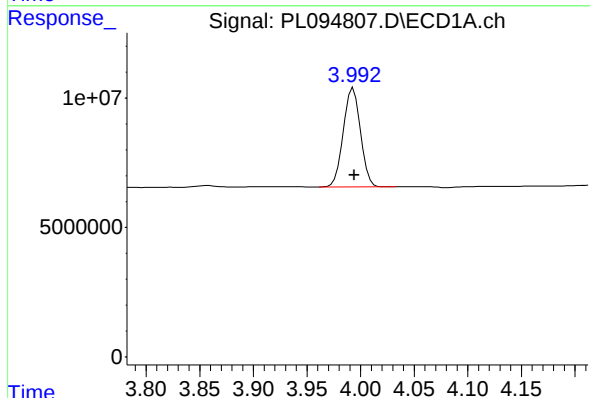
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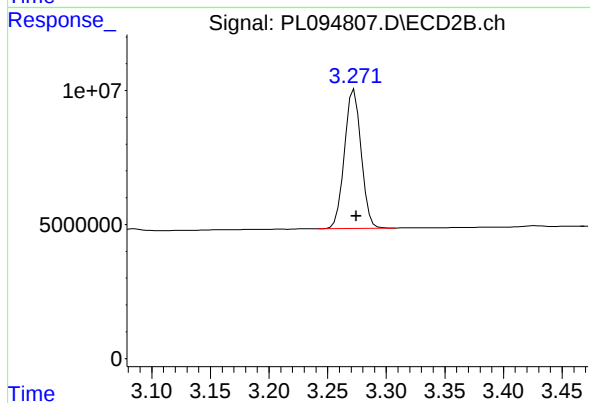
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 70391629
Conc: 19.72 ng/ml



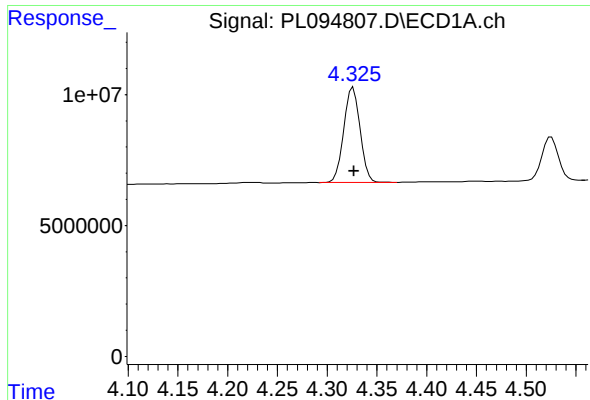
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 42605294
Conc: 10.26 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 51299390
Conc: 9.52 ng/ml m



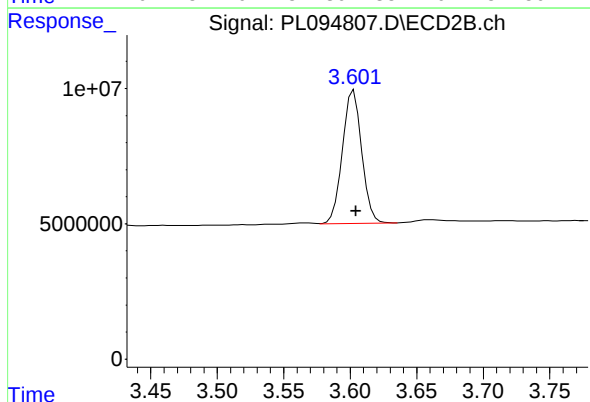
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 41598604
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

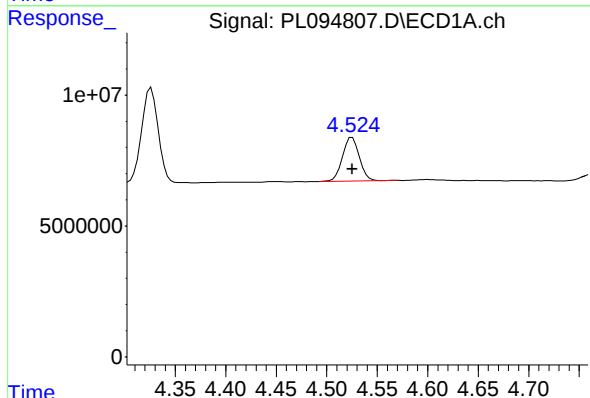
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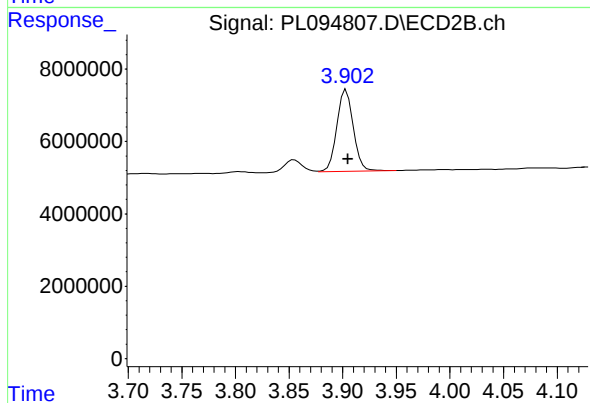
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 49507308
Conc: 9.63 ng/ml



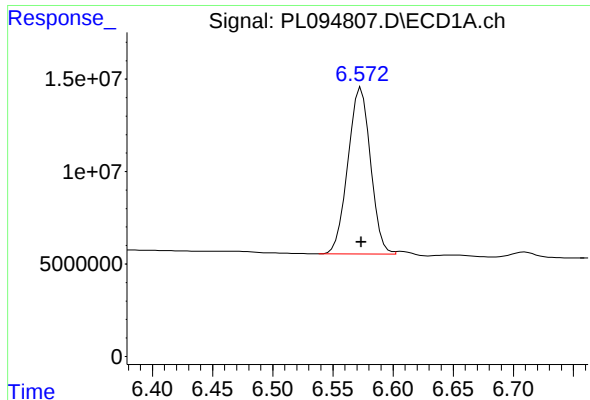
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 19363316
Conc: 10.49 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 24154010
Conc: 10.87 ng/ml



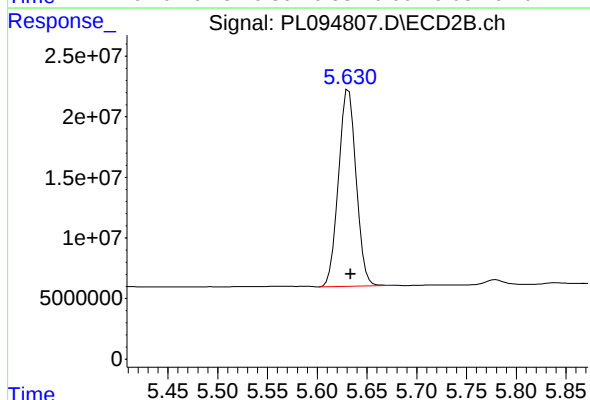
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 118425471
Conc: 42.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

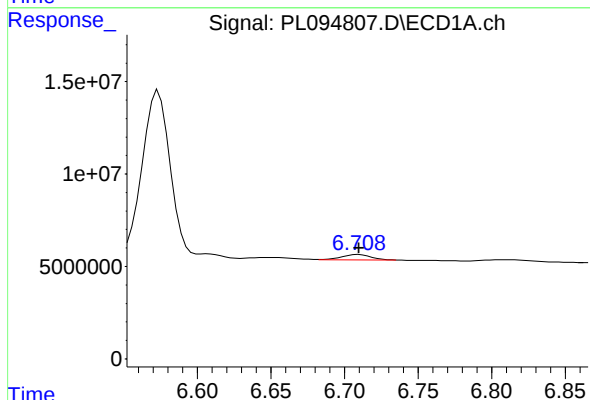
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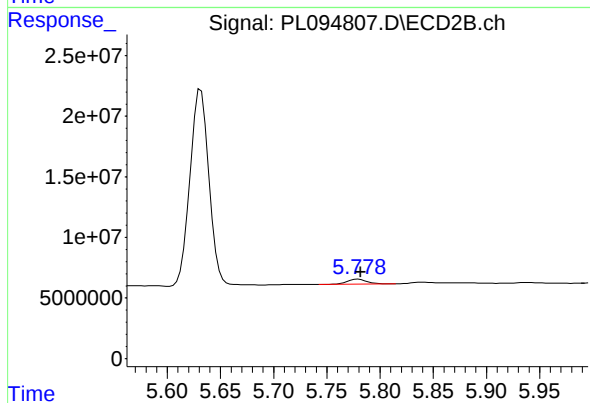
#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 201056355
Conc: 46.08 ng/ml m



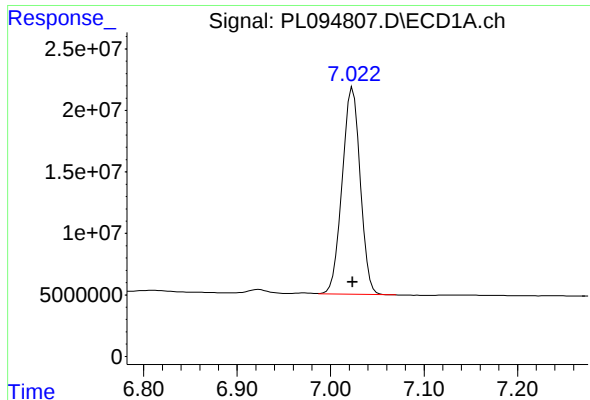
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 3863565
Conc: 1.78 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 5213182
Conc: 1.45 ng/ml



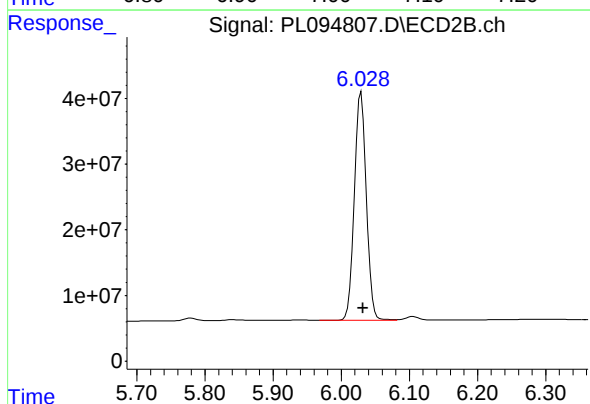
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 226001827
Conc: 95.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

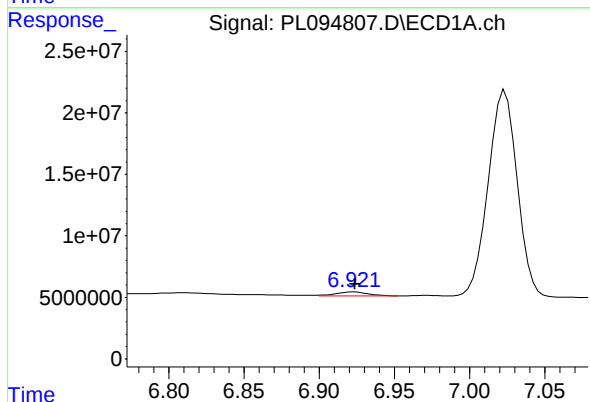
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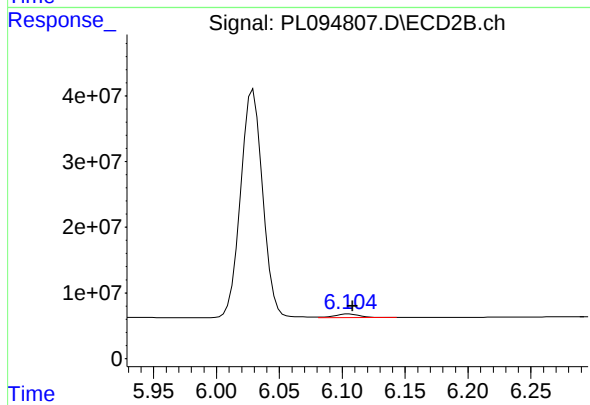
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 426110005
Conc: 105.68 ng/ml



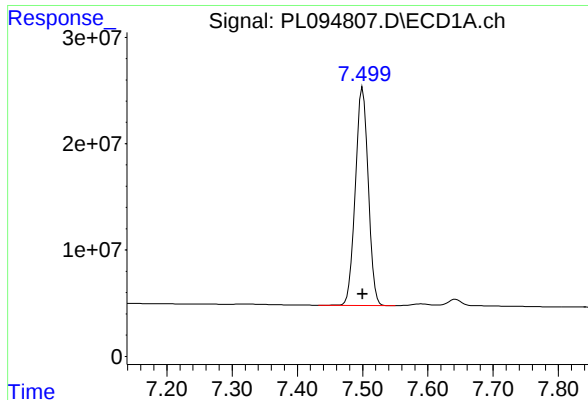
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 4754042
Conc: 2.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 7174064
Conc: 2.13 ng/ml



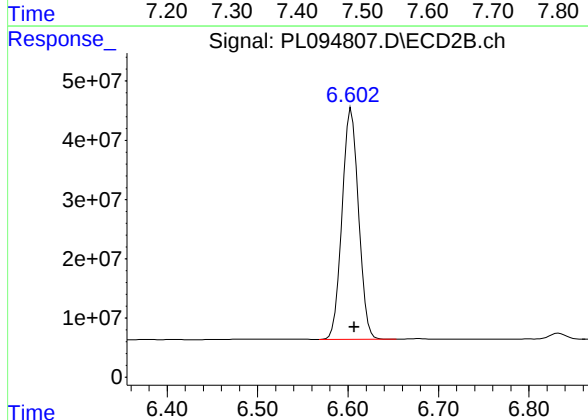
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 280914720
Conc: 234.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

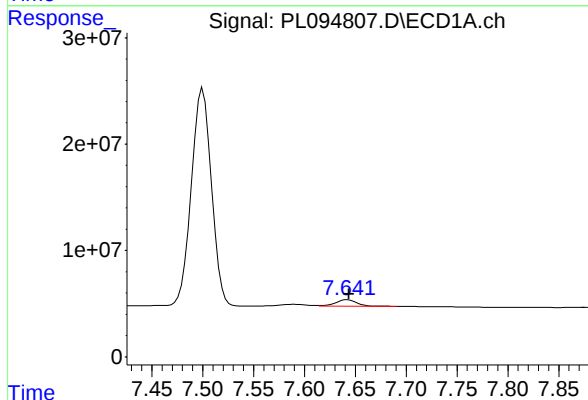
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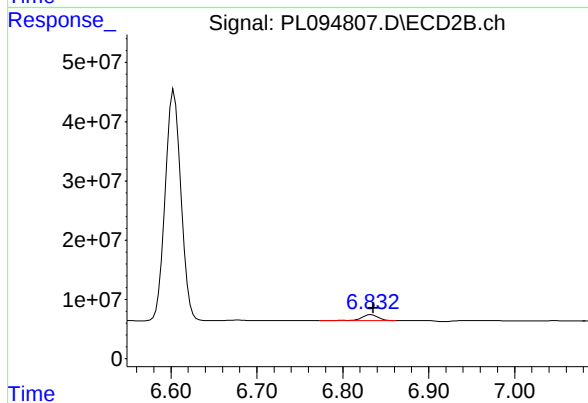
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 494286586
Conc: 233.04 ng/ml



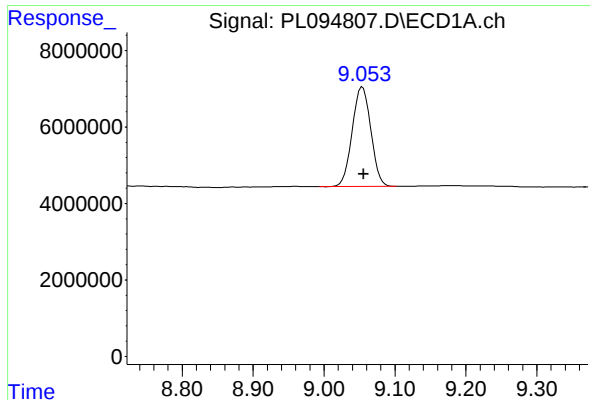
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 8963320
Conc: 3.39 ng/ml



#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 12925235
Conc: 2.71 ng/ml



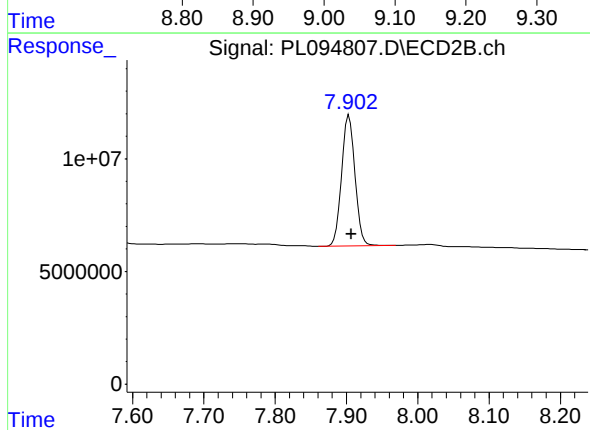
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 47516837
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 75829144
Conc: 18.77 ng/ml