

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 19:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2025
 Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:15:12 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...	3.536	2.770	65400420	84767962	23.104	23.749
28)	SA Decachlor...	9.053	7.903	54771425	99613661	25.989	24.661
Target Compounds							
2)	A alpha-BHC	3.992	3.271	49835335	61718247	12.002	11.448
3)	MA gamma-BHC...	4.324	3.601	47882709	58535587	12.000	11.389
6)	B beta-BHC	4.524	3.901	21871396	27935909	11.853	12.576
14)	MA Endrin	6.571	5.630	144.6E6	241.7E6	52.174m	55.395
16)	A 4,4'-DDD	6.707	5.777	6773708	9484503	3.127m	2.638
17)	MA 4,4'-DDT	7.022	6.027	268.5E6	496.8E6	112.874	123.199
18)	B Endrin al...	6.921	6.104	4184488	8441598	1.982m	2.508 #
20)	A Methoxychlor	7.499	6.602	326.4E6	602.5E6	272.638	284.067m
21)	B Endrin ke...	7.642	6.830	9657122	17022499	3.653	3.567m

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

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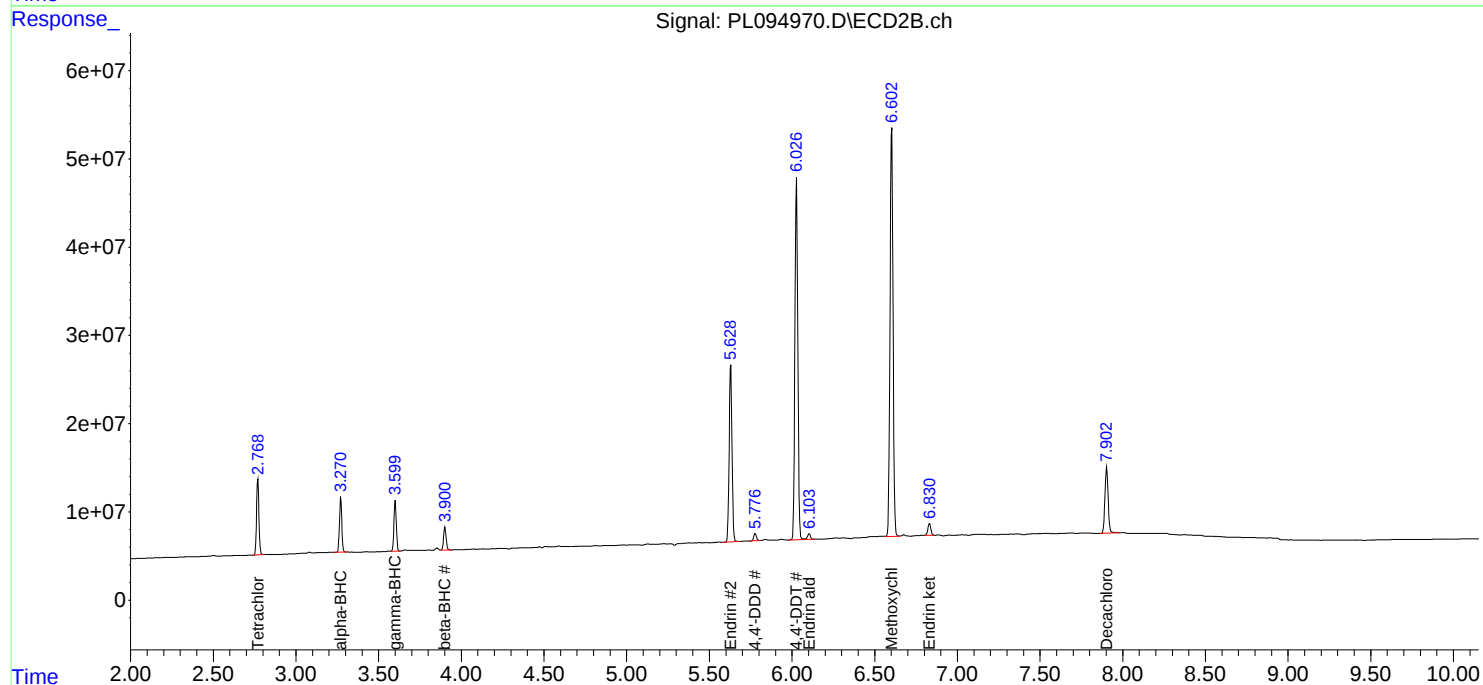
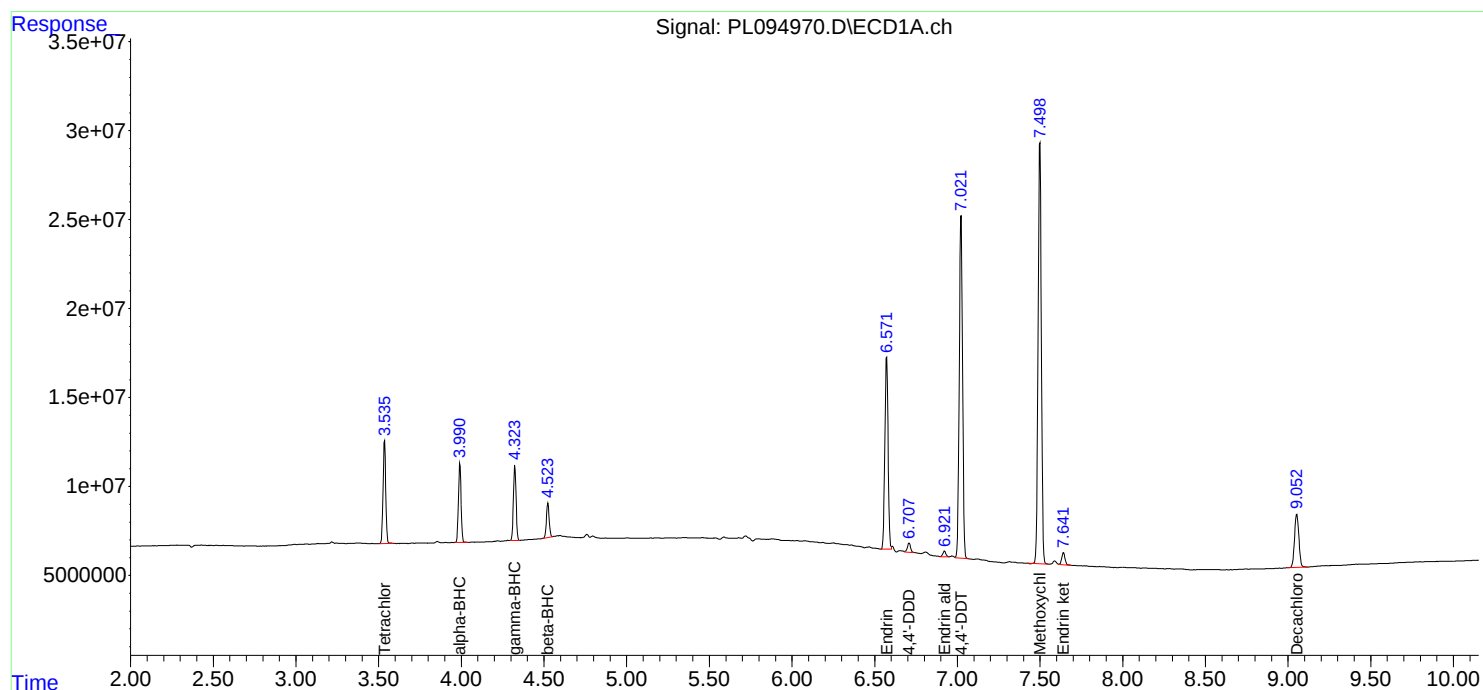
Instrument :
ECD_L
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PEM

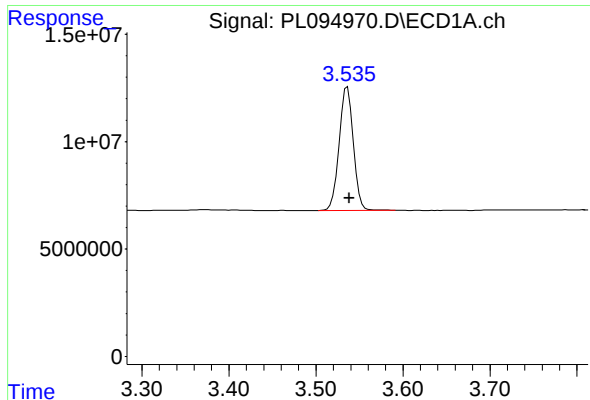
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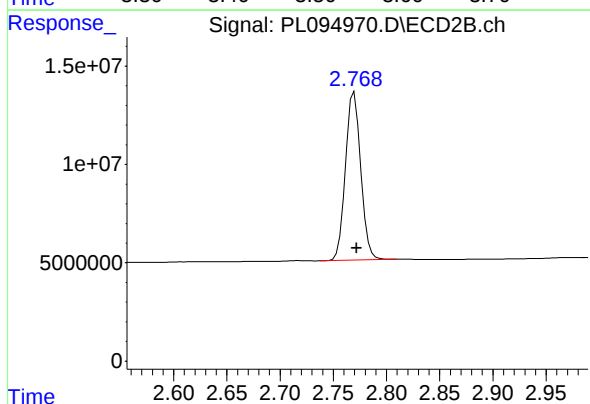
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 65400420
Conc: 23.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

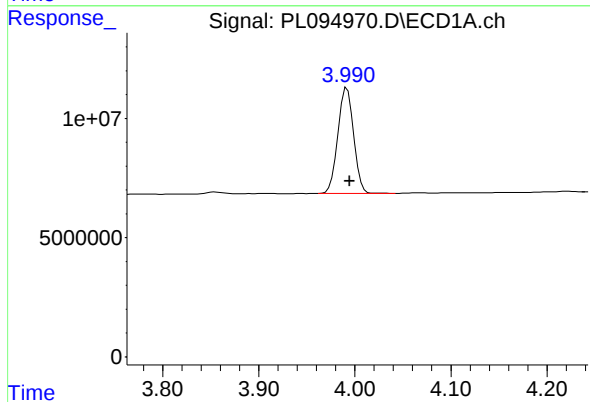
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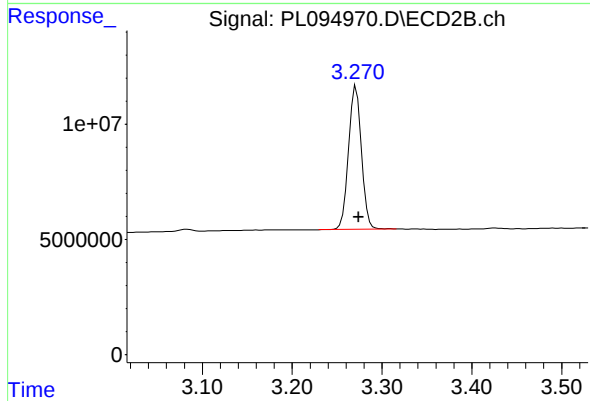
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 84767962
Conc: 23.75 ng/ml



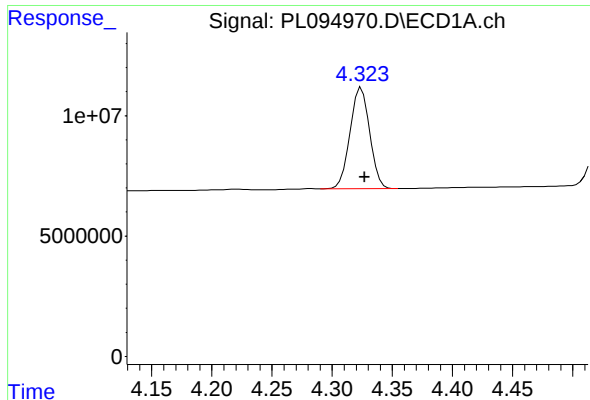
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 49835335
Conc: 12.00 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 61718247
Conc: 11.45 ng/ml



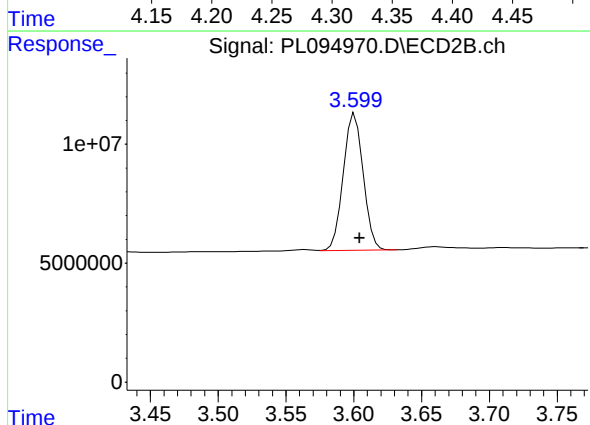
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 47882709
Conc: 12.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

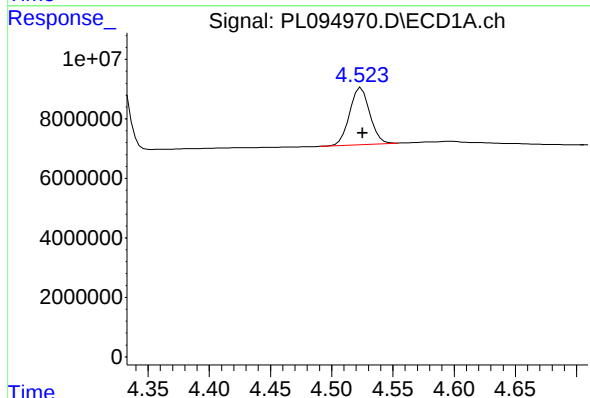
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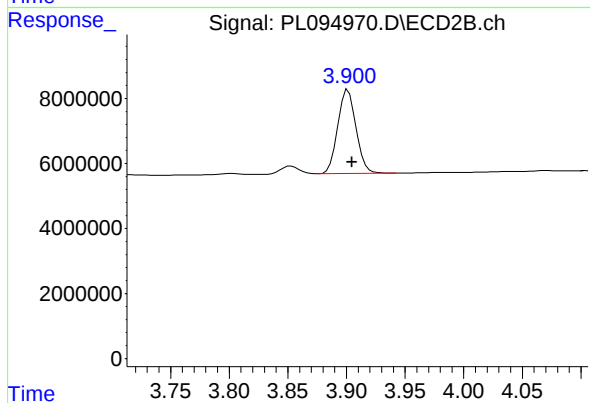
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 58535587
Conc: 11.39 ng/ml



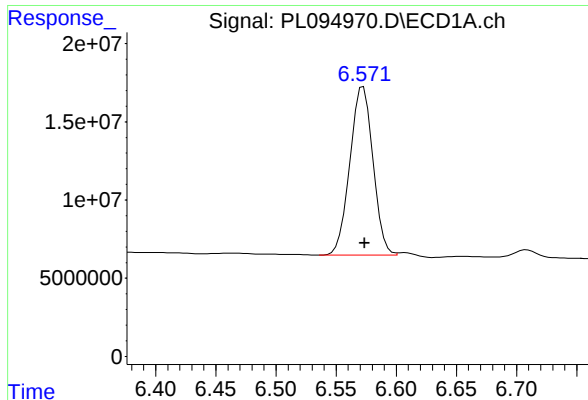
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 21871396
Conc: 11.85 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 27935909
Conc: 12.58 ng/ml



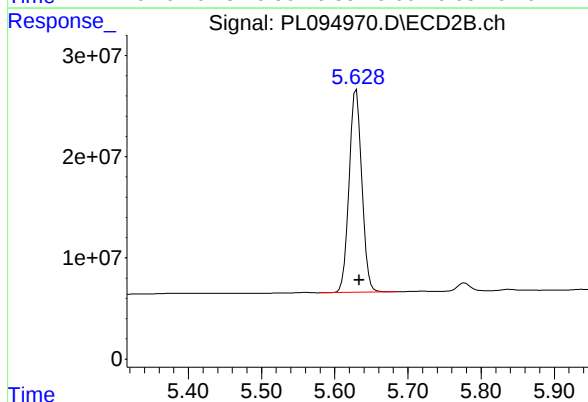
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 144630549
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

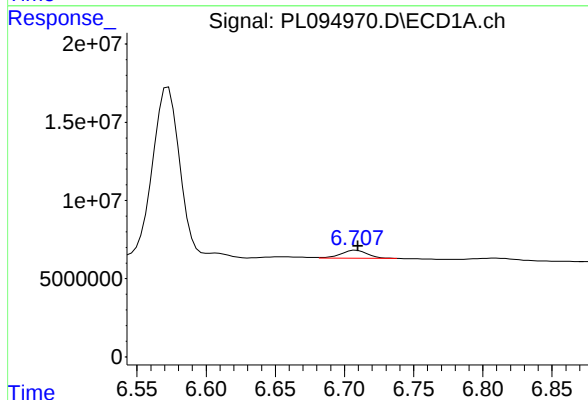
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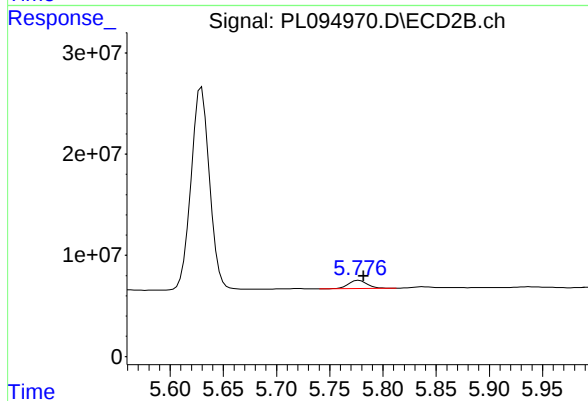
#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 241722518
Conc: 55.39 ng/ml



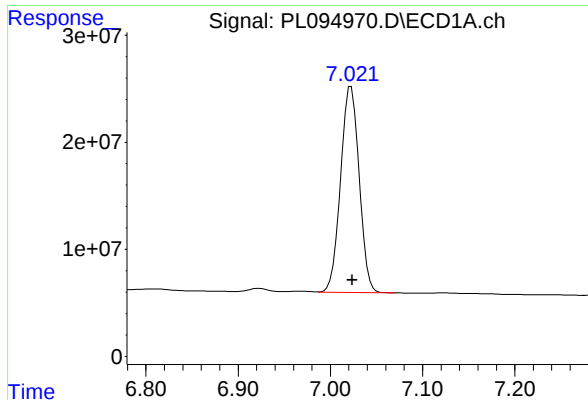
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 6773708
Conc: 3.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 9484503
Conc: 2.64 ng/ml



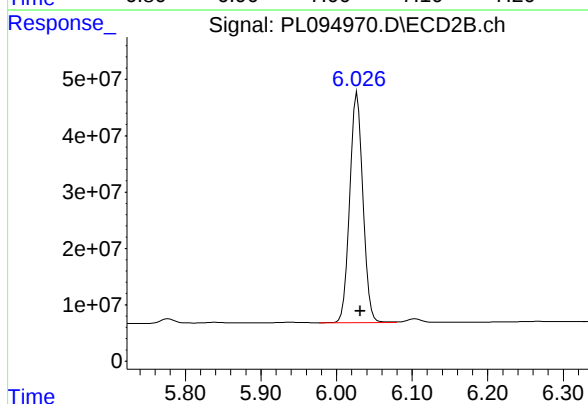
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 268474249
Conc: 112.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

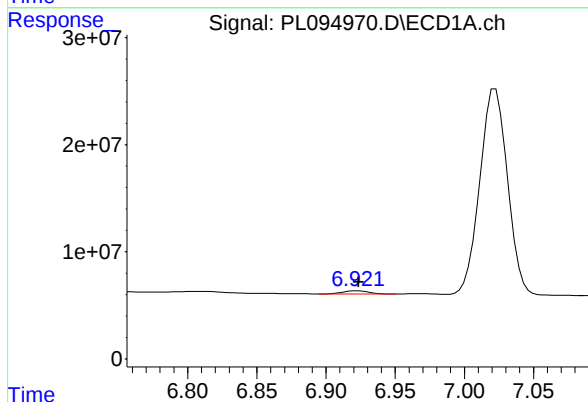
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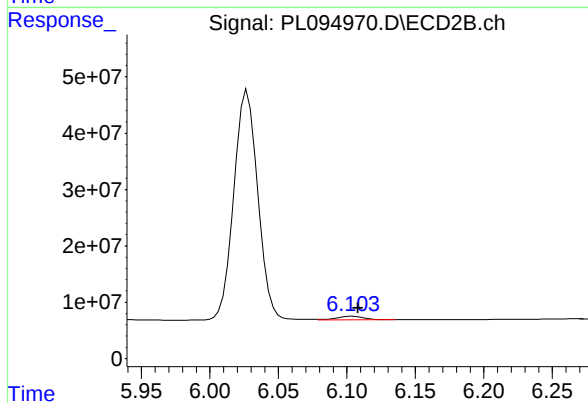
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 496750531
Conc: 123.20 ng/ml



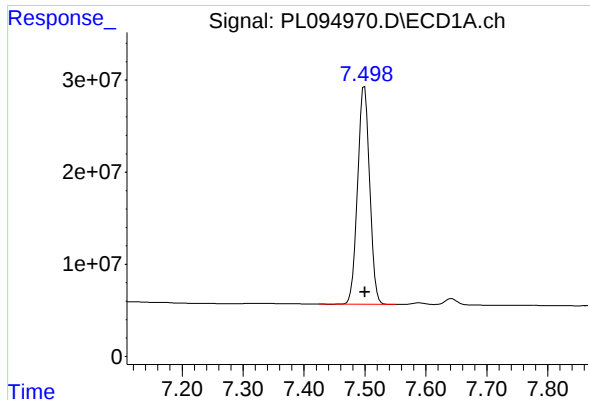
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 4184488
Conc: 1.98 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 8441598
Conc: 2.51 ng/ml



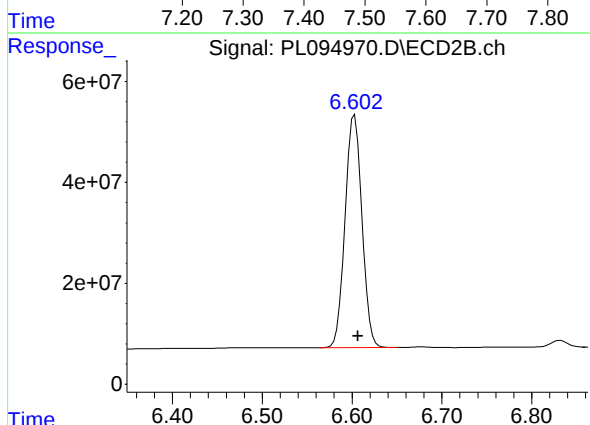
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 326367500
Conc: 272.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

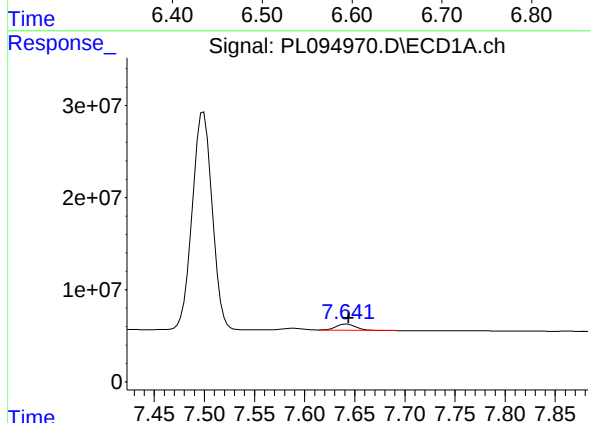
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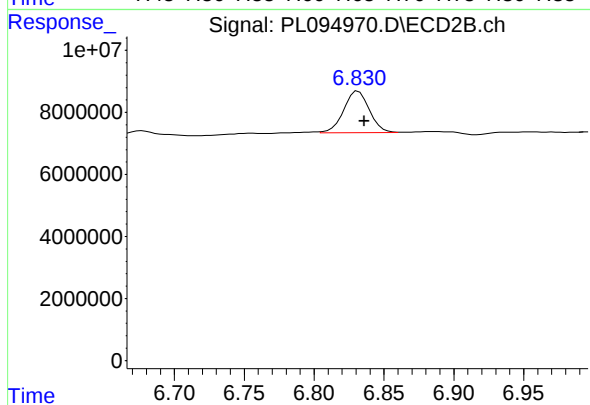
#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 602525983
Conc: 284.07 ng/ml m



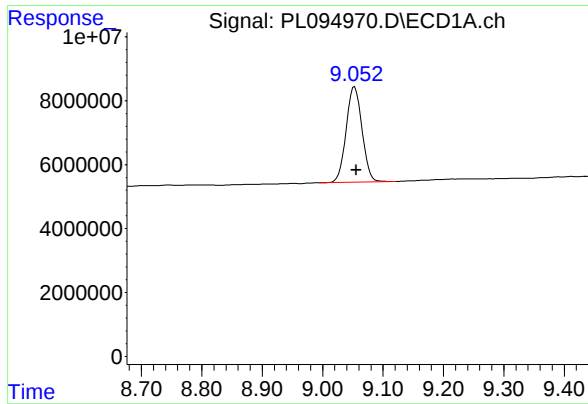
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 9657122
Conc: 3.65 ng/ml



#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 17022499
Conc: 3.57 ng/ml m



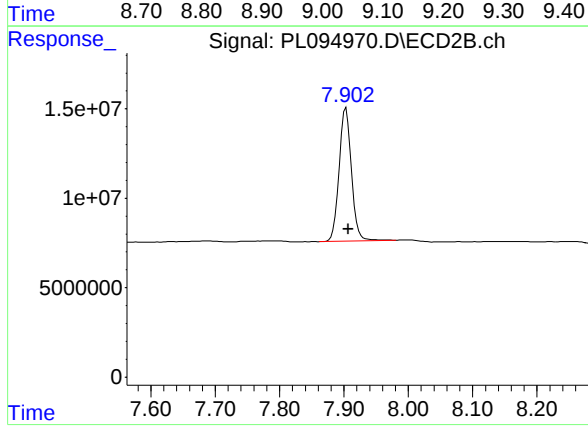
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 54771425
Conc: 25.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 99613661
Conc: 24.66 ng/ml