

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 09:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2025
 Supervised By : mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:11:34 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...	3.537	2.771	65551980	82186564	23.158	23.026
28) SA Decachlor...	9.050	7.903	54580388	90974272	25.899	22.522
Target Compounds						
2) A alpha-BHC	3.993	3.273	50221706	60075206	12.095	11.143
3) MA gamma-BHC...	4.325	3.602	48794455	57627250	12.228	11.213
6) B beta-BHC	4.524	3.903	23202613	27891034	12.574	12.556
14) MA Endrin	6.570	5.631	140.4E6	234.6E6	50.663m	53.768
16) A 4,4'-DDD	6.705	5.777	2639127	4150927	1.218m	1.154m
17) MA 4,4'-DDT	7.021	6.029	264.8E6	492.0E6	111.339	122.022
18) B Endrin al...	6.919	6.105	4262998	7094641	2.019m	2.108
20) A Methoxychlor	7.497	6.602	319.4E6	563.6E6	266.808	265.718m
21) B Endrin ke...	7.640	6.831	8322470	13411898	3.149	2.810m

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

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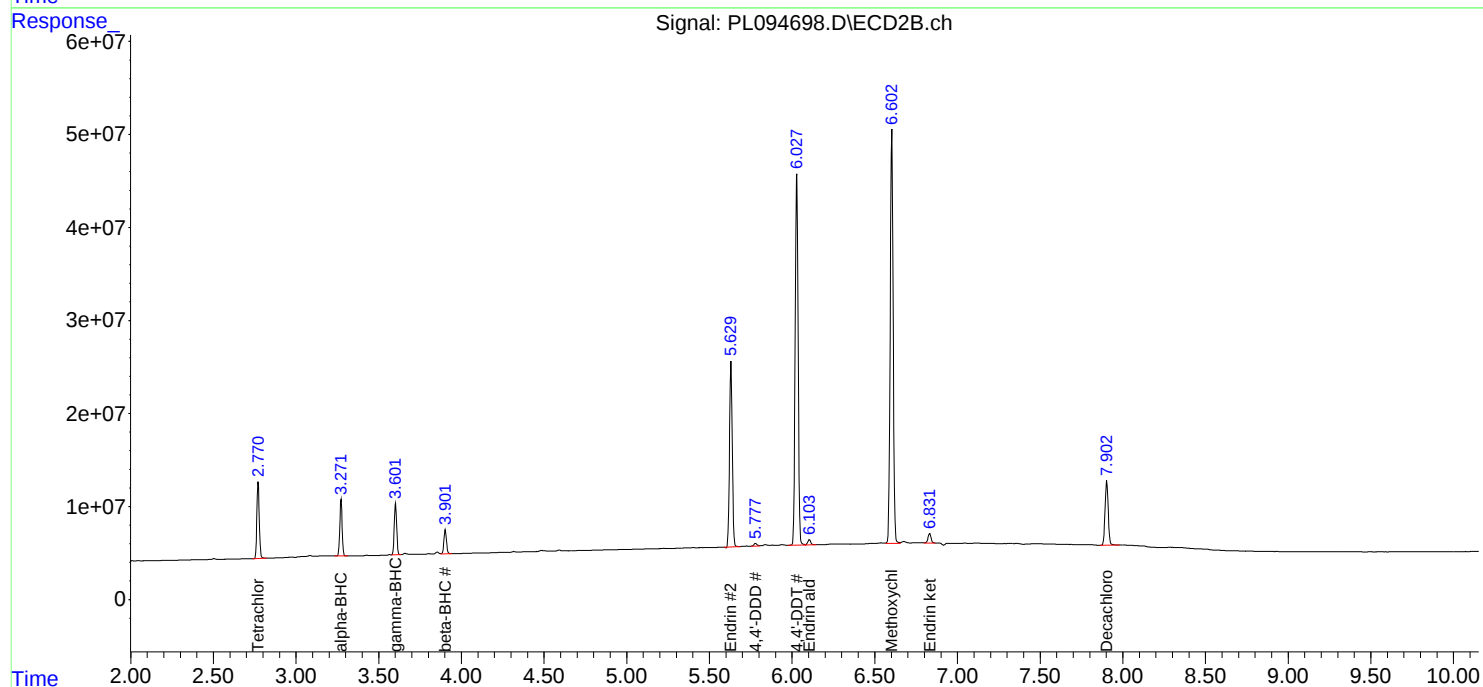
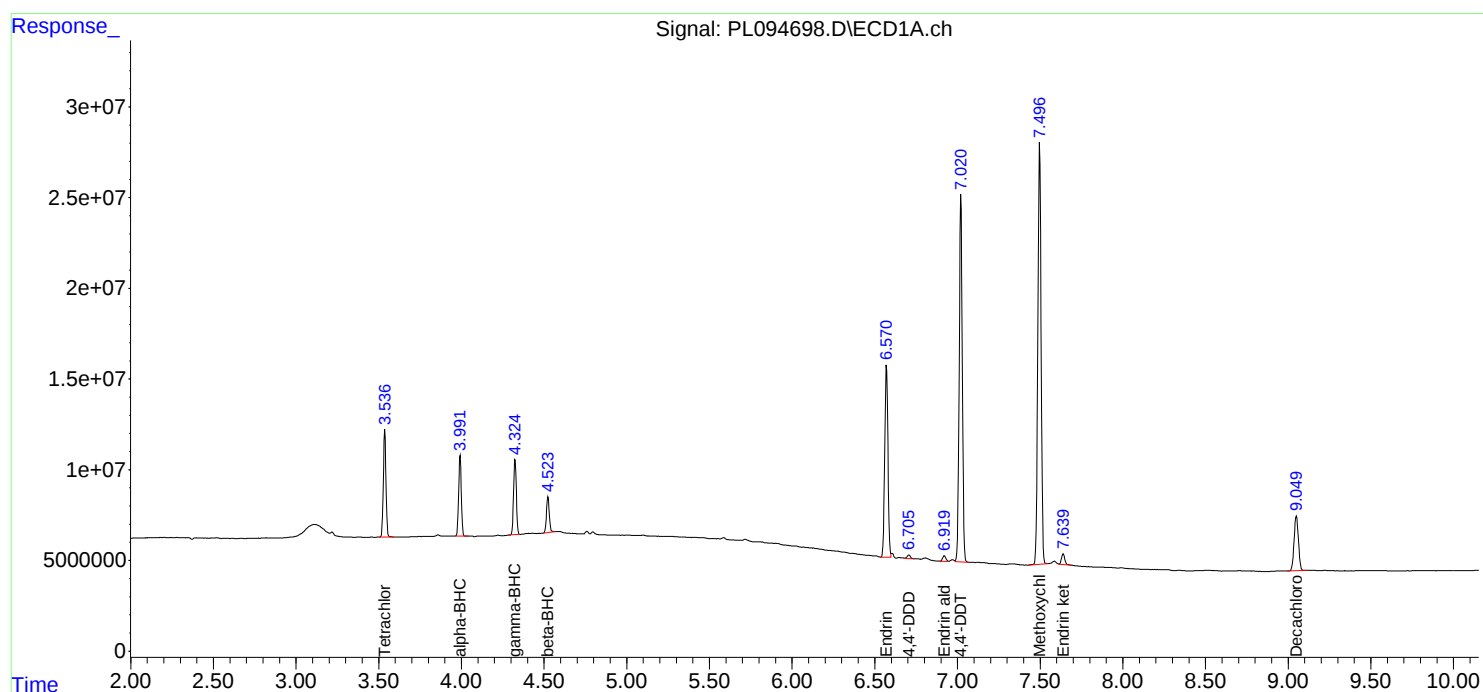
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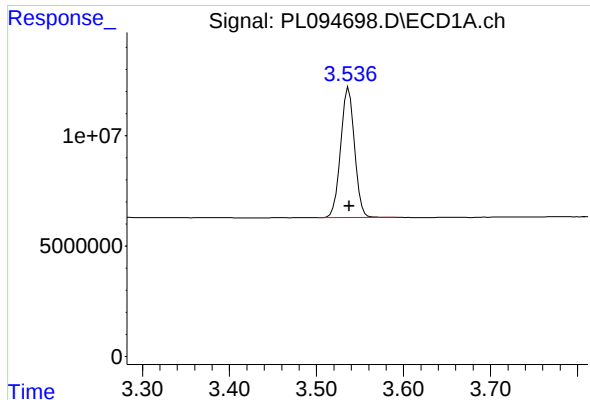
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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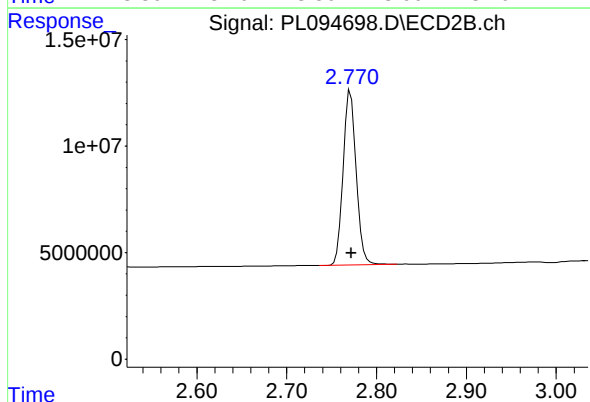
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 65551980
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

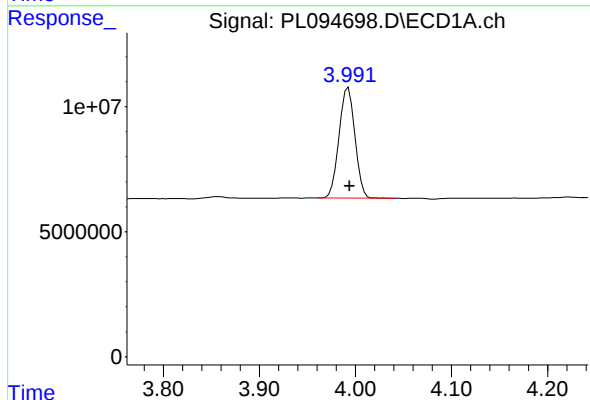
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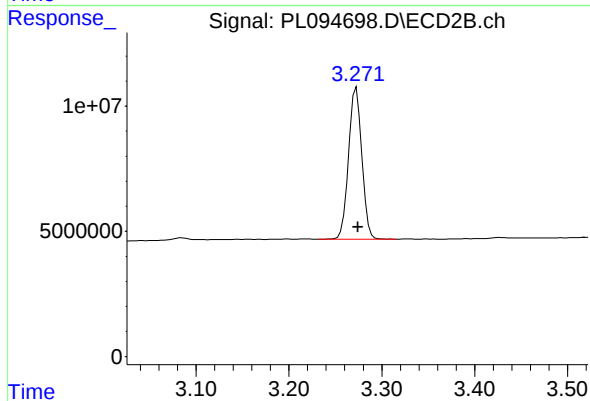
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 82186564
Conc: 23.03 ng/ml



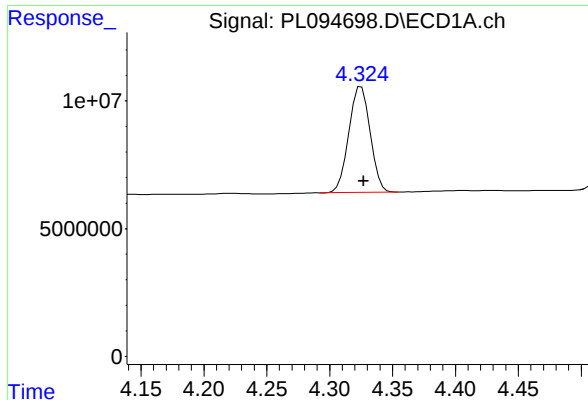
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 50221706
Conc: 12.09 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 60075206
Conc: 11.14 ng/ml



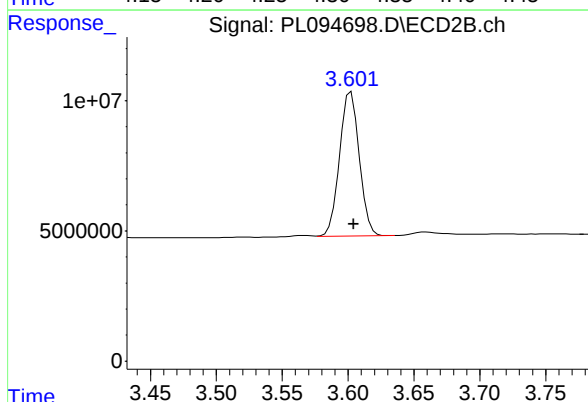
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 48794455
Conc: 12.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

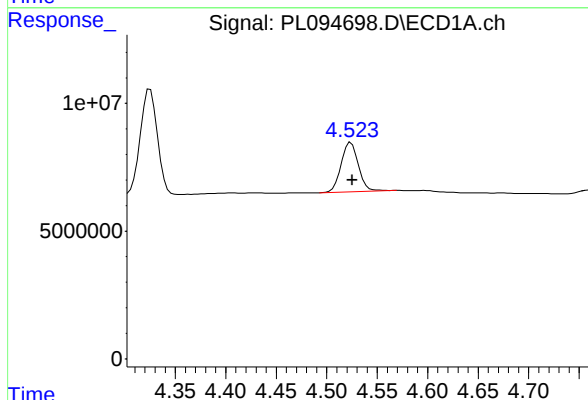
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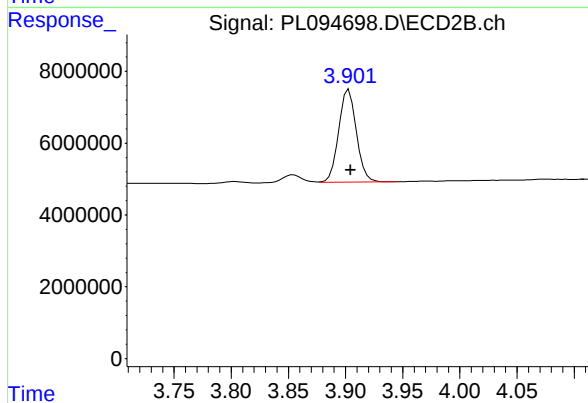
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 57627250
Conc: 11.21 ng/ml



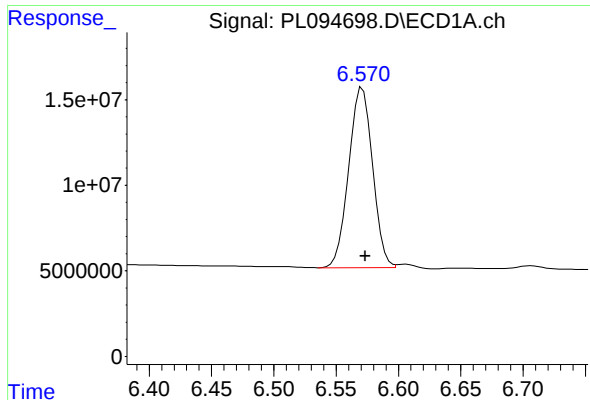
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 23202613
Conc: 12.57 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 27891034
Conc: 12.56 ng/ml



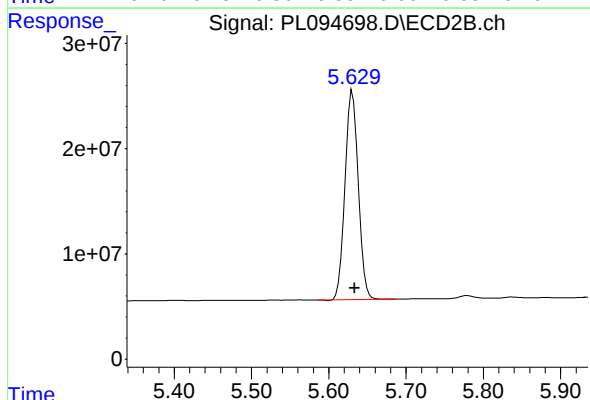
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 140440862
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

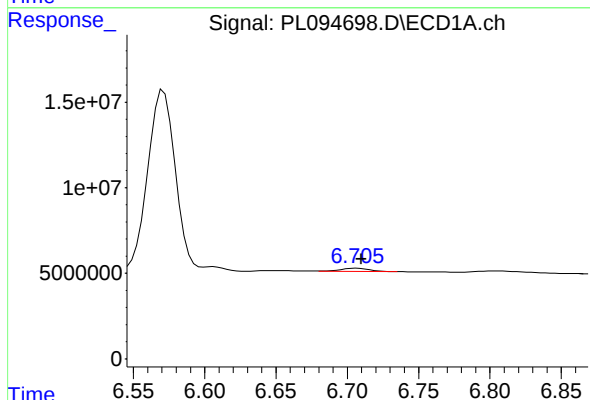
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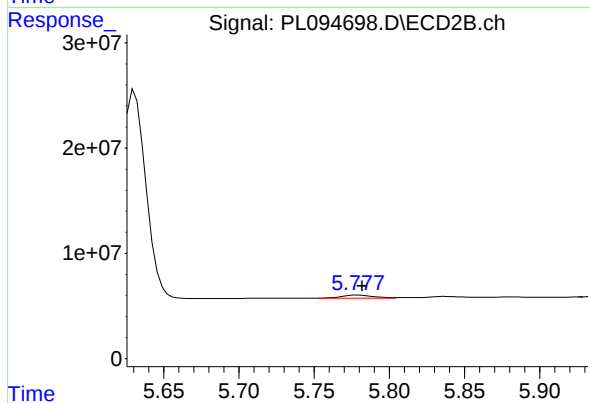
#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 234625453
Conc: 53.77 ng/ml



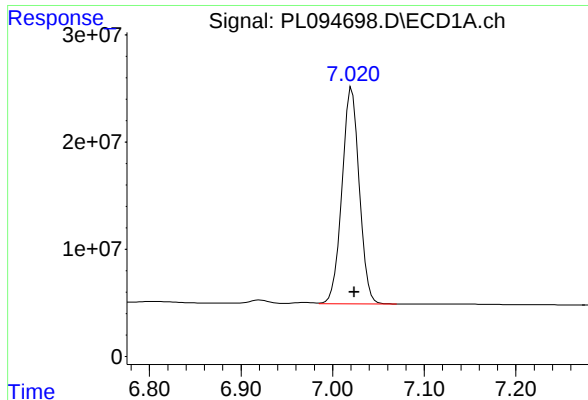
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 2639127
Conc: 1.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 4150927
Conc: 1.15 ng/ml m



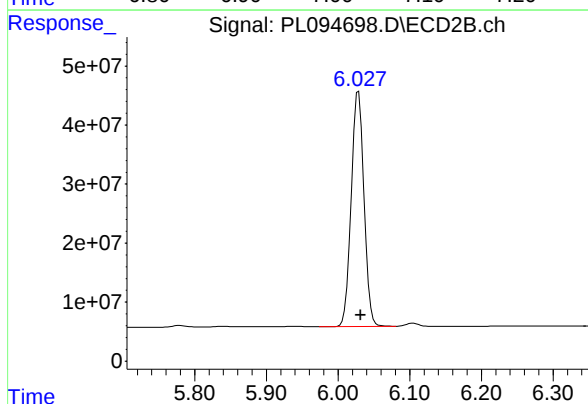
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 264823903
Conc: 111.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

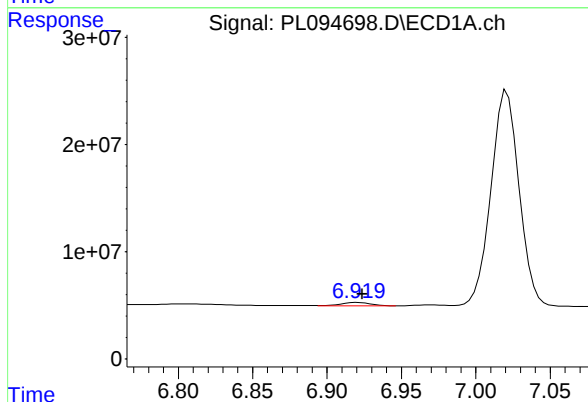
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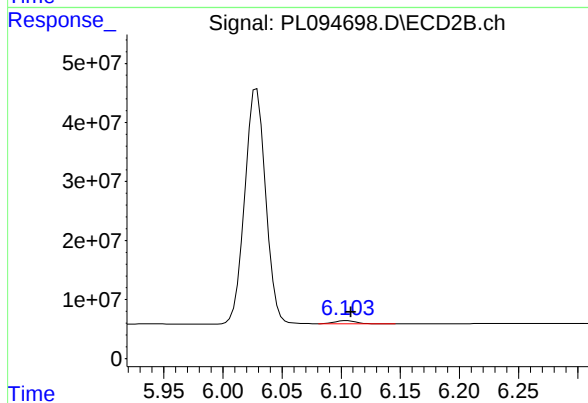
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 492004927
Conc: 122.02 ng/ml



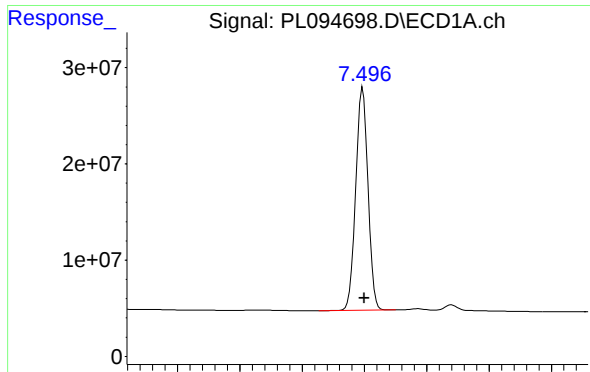
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 4262998
Conc: 2.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 7094641
Conc: 2.11 ng/ml



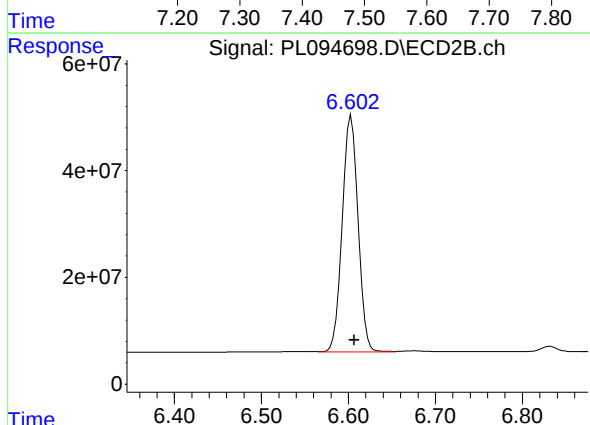
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 319388853
Conc: 266.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

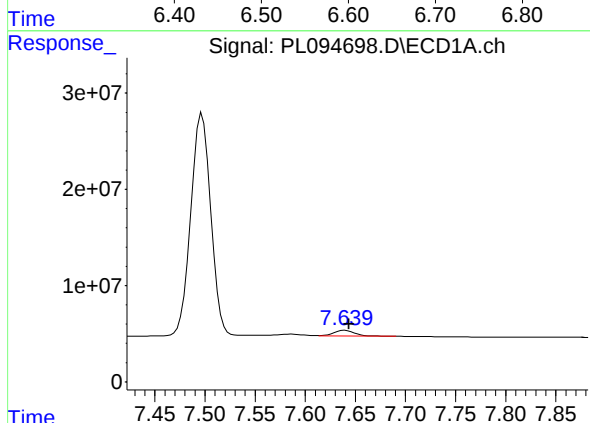
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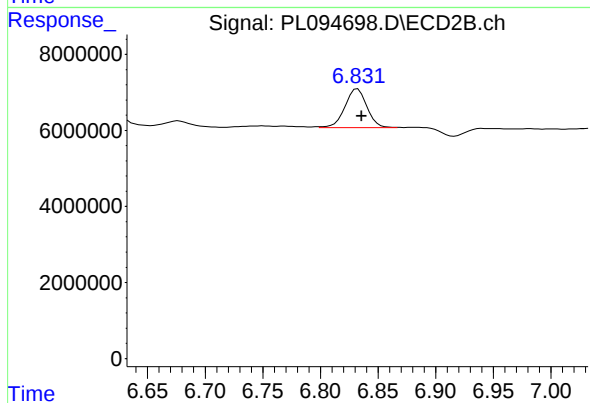
#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 563606561
Conc: 265.72 ng/ml m



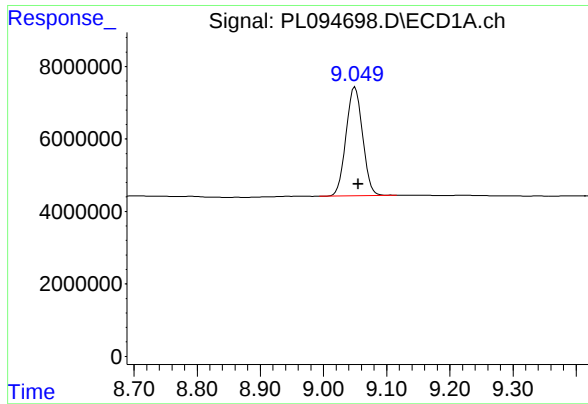
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 8322470
Conc: 3.15 ng/ml



#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 13411898
Conc: 2.81 ng/ml m



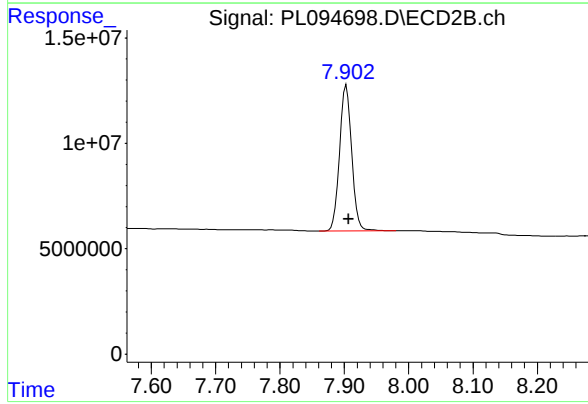
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 54580388
Conc: 25.90 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: 90974272
Conc: 22.52 ng/ml