

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 09:43
 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 02:11:05 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	2.769	64773748	83893958	22.883	23.505
28) SA Decachlor...	9.053	7.902	51022059	95287649	24.210	23.590
Target Compounds						
2) A alpha-BHC	3.992	3.271	48675284	61047229	11.722	11.323
3) MA gamma-BHC...	4.325	3.601	47235950	58183775	11.838	11.321
6) B beta-BHC	4.524	3.902	21725122	27781540	11.774	12.507
14) MA Endrin	6.571	5.630	139.5E6	236.7E6	50.310m	54.241
16) A 4,4'-DDD	6.706	5.777	2515069	3129441	1.161m	0.870m#
17) MA 4,4'-DDT	7.022	6.027	260.5E6	495.5E6	109.521	122.879
18) B Endrin al...	6.921	6.104	3633156	7053153	1.721m	2.096
20) A Methoxychlor	7.500	6.601	313.1E6	574.1E6	261.541	270.646m
21) B Endrin ke...	7.642	6.831	7691166	12961503	2.910	2.716m

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

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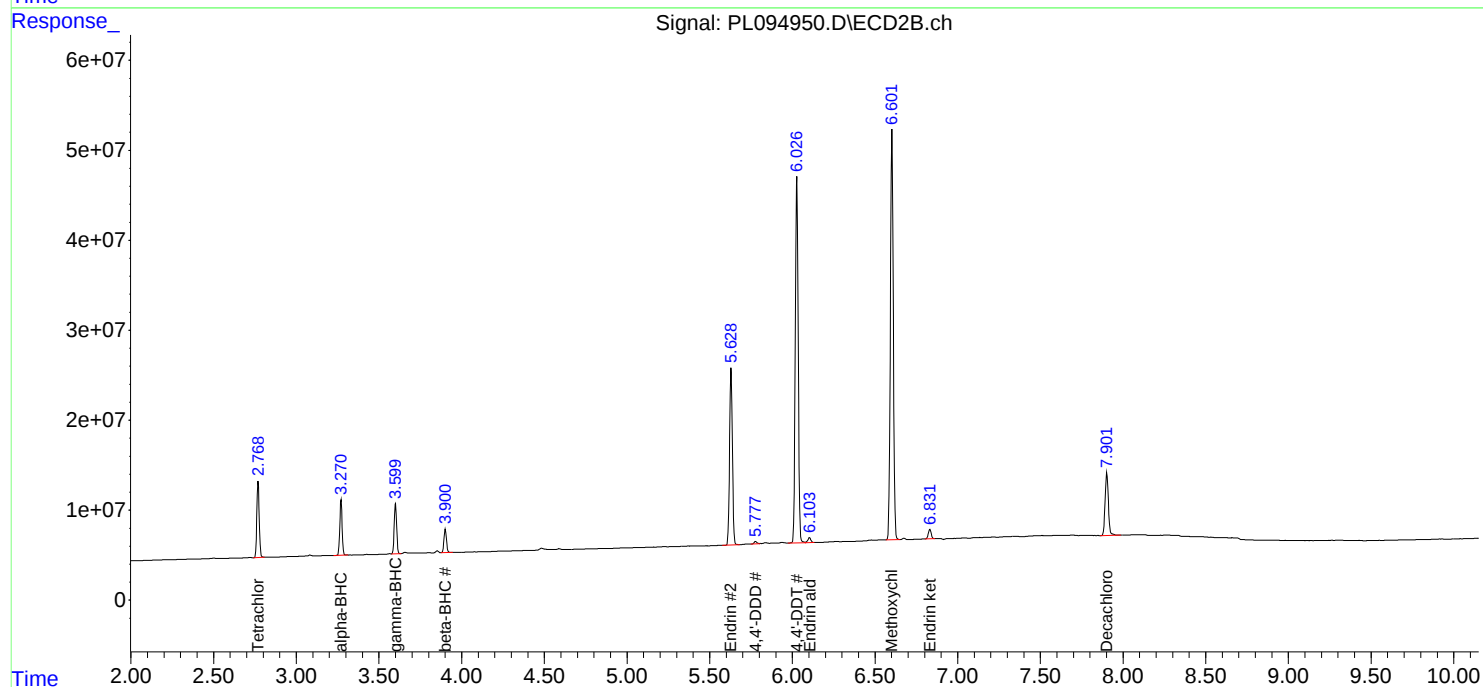
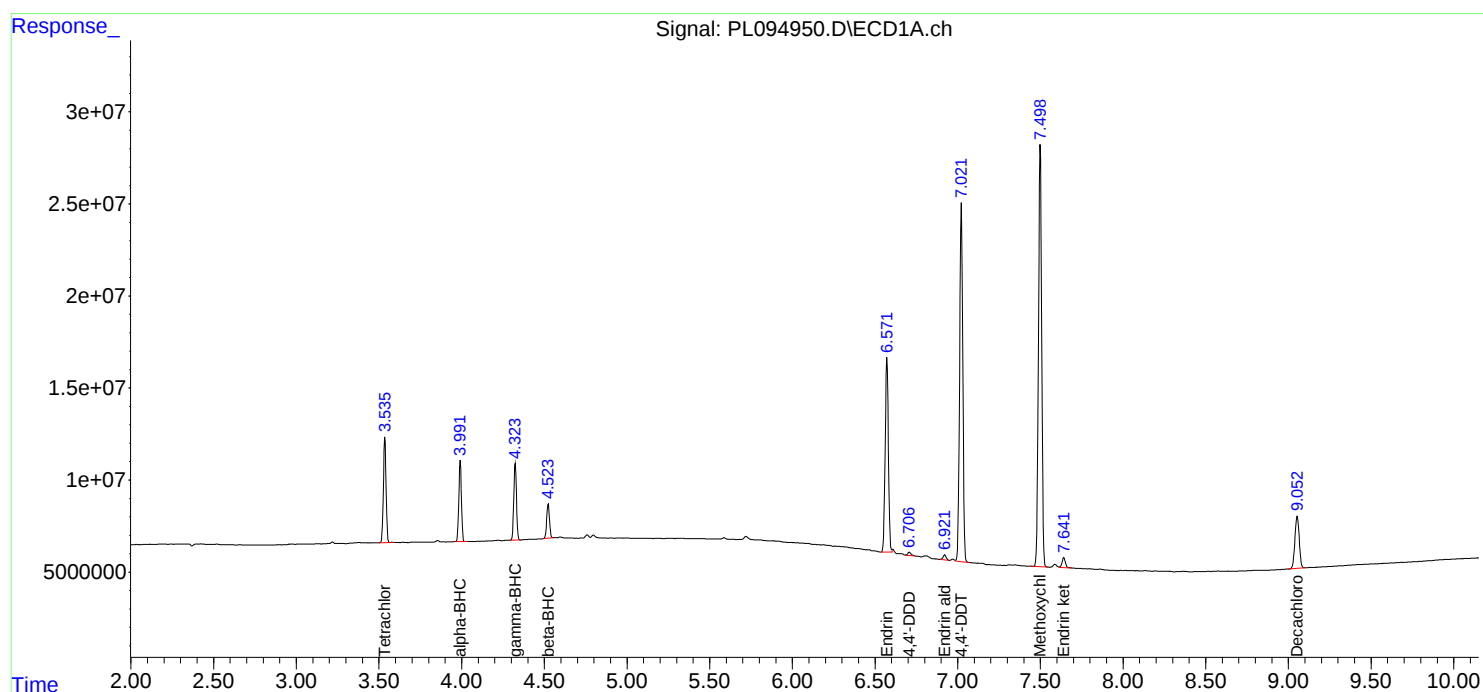
Instrument :
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ClientSampleId :
PEM

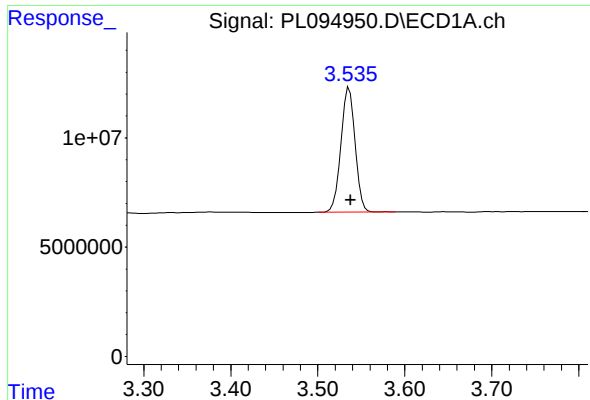
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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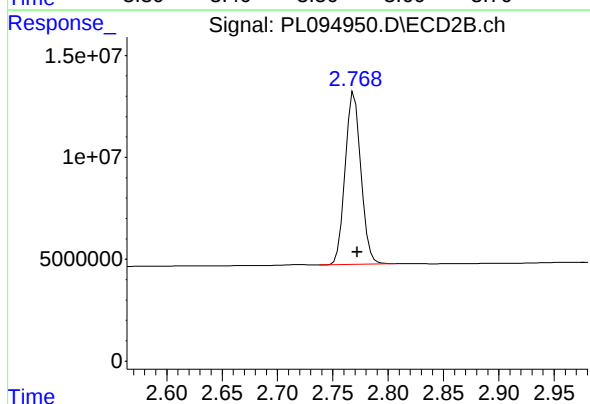
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 64773748
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

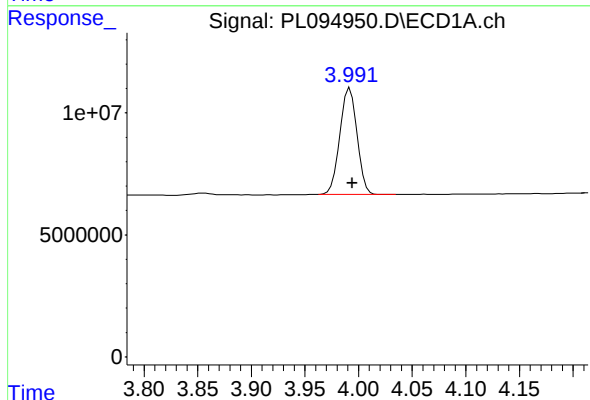
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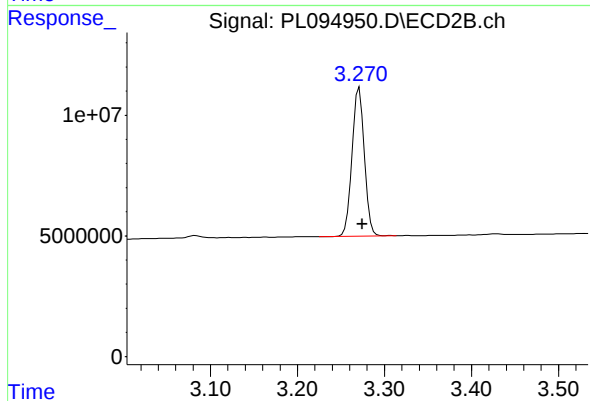
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 83893958
Conc: 23.50 ng/ml



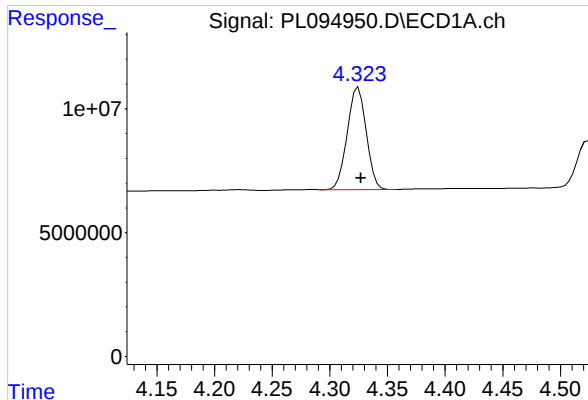
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 48675284
Conc: 11.72 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 61047229
Conc: 11.32 ng/ml



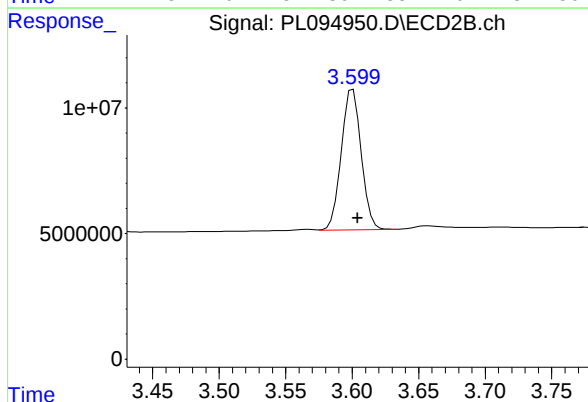
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 47235950
Conc: 11.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

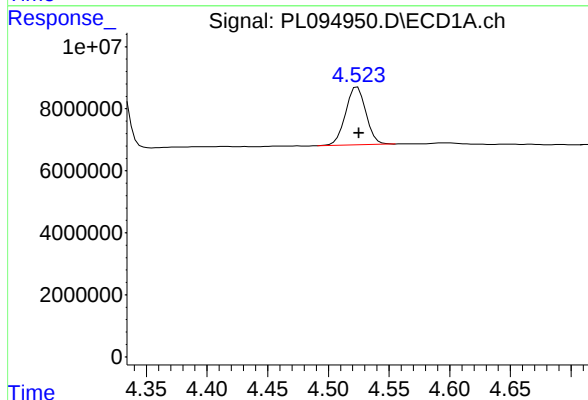
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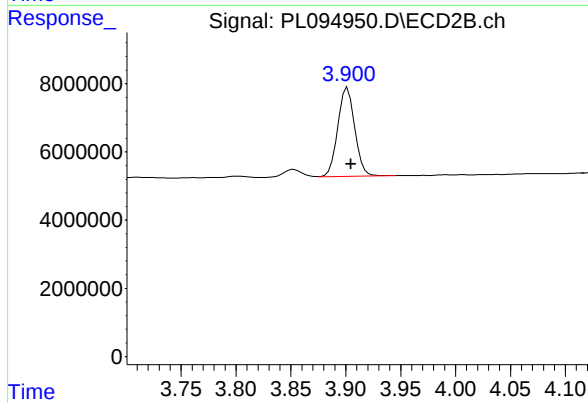
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 58183775
Conc: 11.32 ng/ml



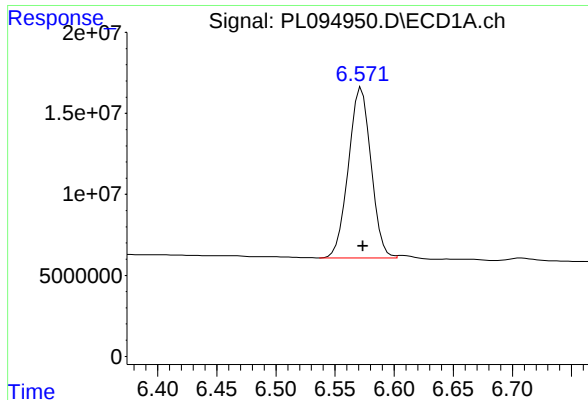
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 21725122
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 27781540
Conc: 12.51 ng/ml



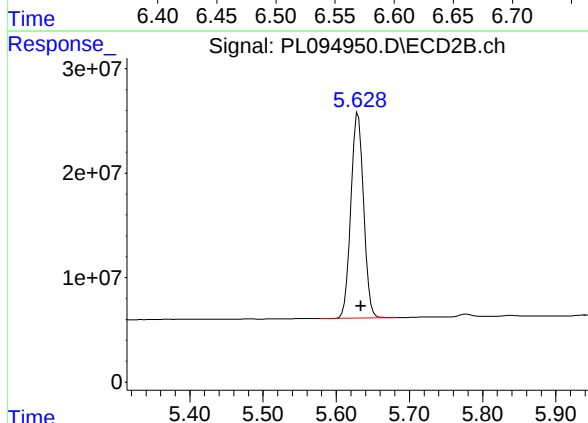
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 139463638
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

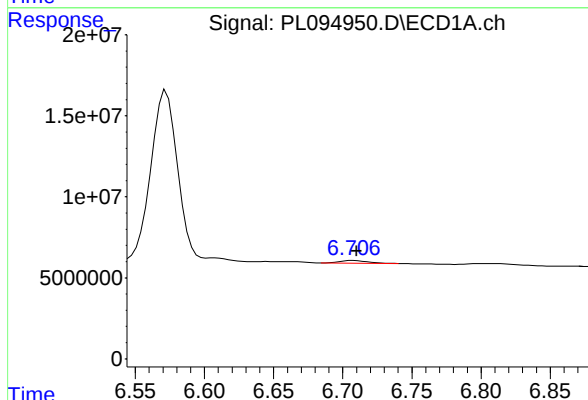
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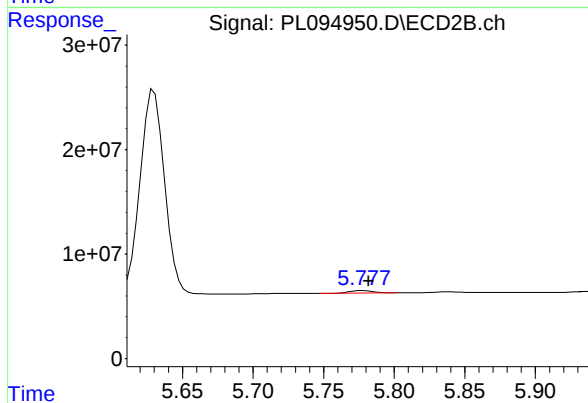
#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 236690454
Conc: 54.24 ng/ml



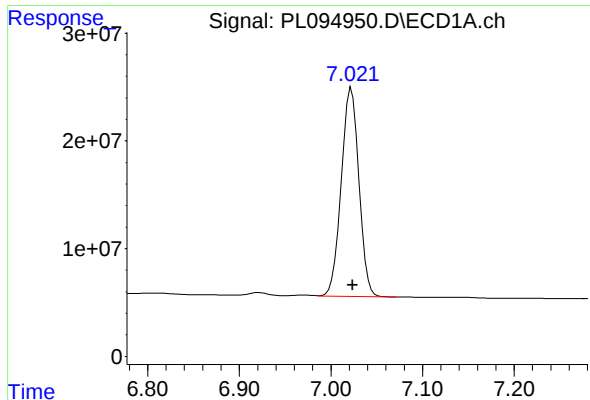
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 2515069
Conc: 1.16 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 3129441
Conc: 0.87 ng/ml m



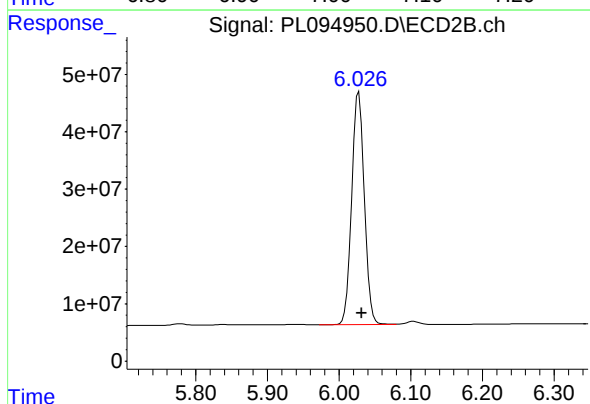
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 260500421
Conc: 109.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

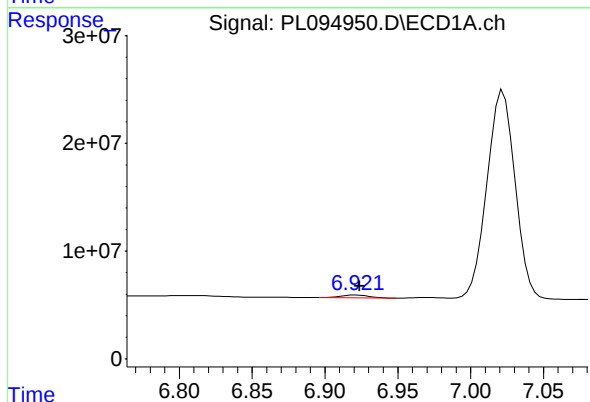
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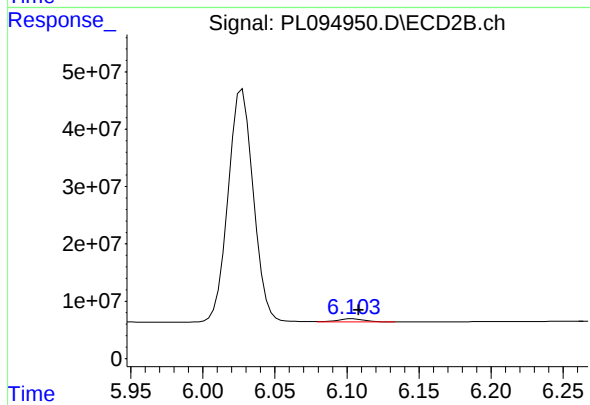
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 495461452
Conc: 122.88 ng/ml



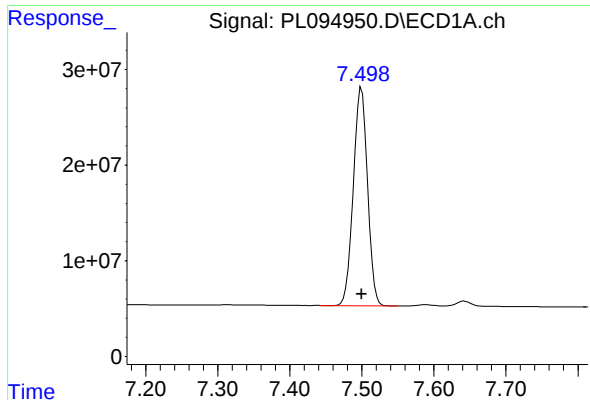
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 3633156
Conc: 1.72 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 7053153
Conc: 2.10 ng/ml



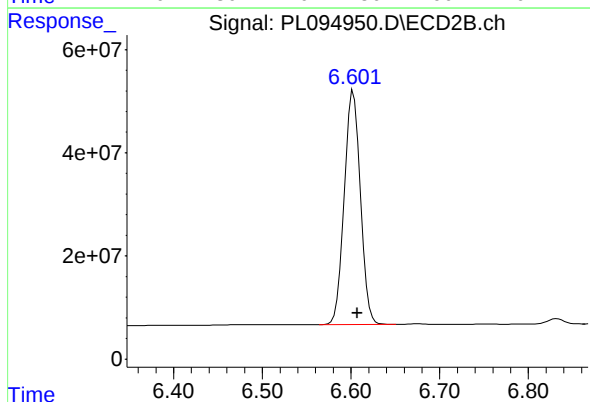
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 313083740
Conc: 261.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

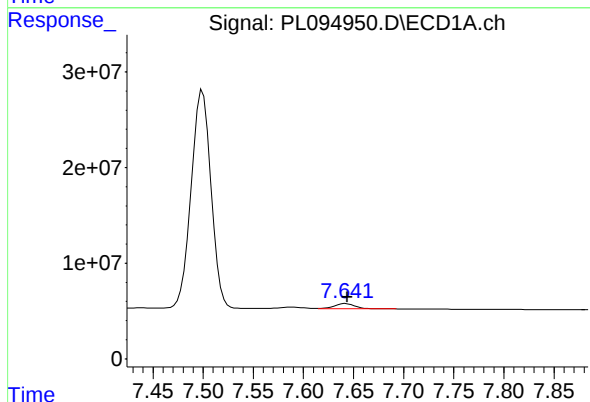
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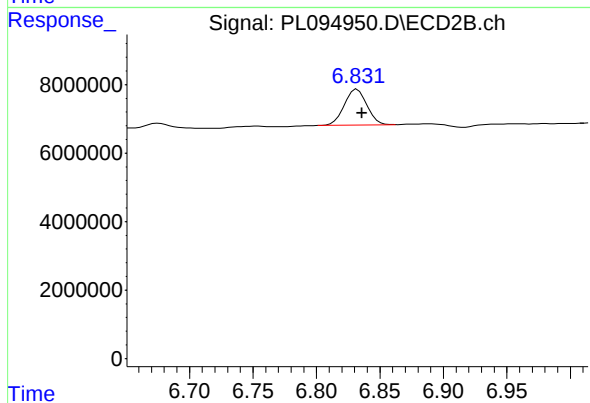
#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 574058557
Conc: 270.65 ng/ml m



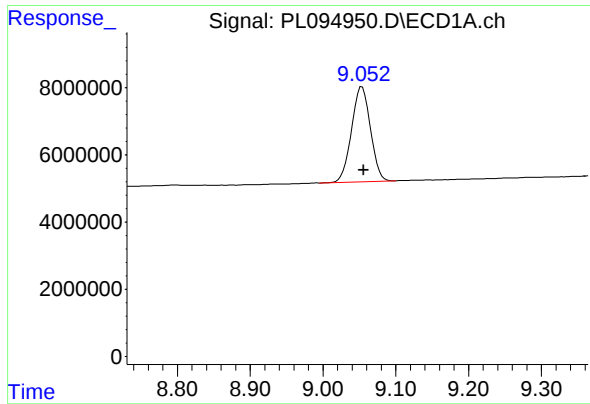
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 7691166
Conc: 2.91 ng/ml



#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 12961503
Conc: 2.72 ng/ml m



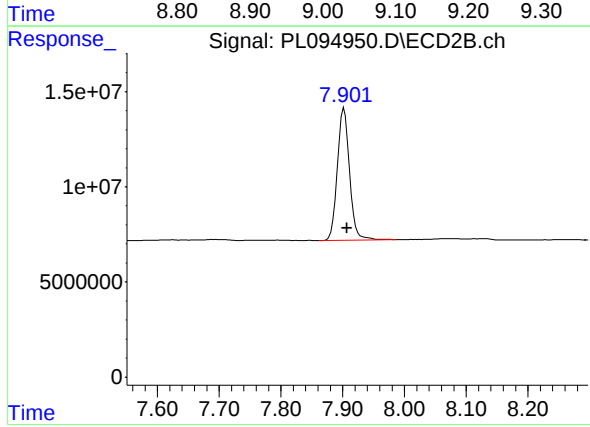
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 51022059
Conc: 24.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 95287649
Conc: 23.59 ng/ml