

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2025 09:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 05:31:07 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	2.793f	67349410	86343388	23.793	24.191
28) SA Decachlor...	9.051	7.924	51696580	88153837	24.530	21.824
Target Compounds						
2) A alpha-BHC	3.992	3.294f	51067359	63349155	12.298	11.750
3) MA gamma-BHC...	4.324	3.624f	49607429	60485927	12.432	11.769
6) B beta-BHC	4.524	3.924f	23455470	28926527	12.711	13.022
14) MA Endrin	6.571	5.652f	136.1E6	237.4E6	49.084	54.406
16) A 4,4'-DDD	6.707	5.800f	9516229	11314545	4.393	3.147 #
17) MA 4,4'-DDT	7.022	6.050f	261.5E6	480.7E6	109.948	119.217
18) B Endrin al...	6.921	6.126f	6255677	7811753	2.963	2.321
20) A Methoxychlor	7.498	6.625f	307.5E6	569.5E6	256.859	268.479
21) B Endrin ke...	7.641	6.852f	11460908	18727092	4.336	3.924m

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

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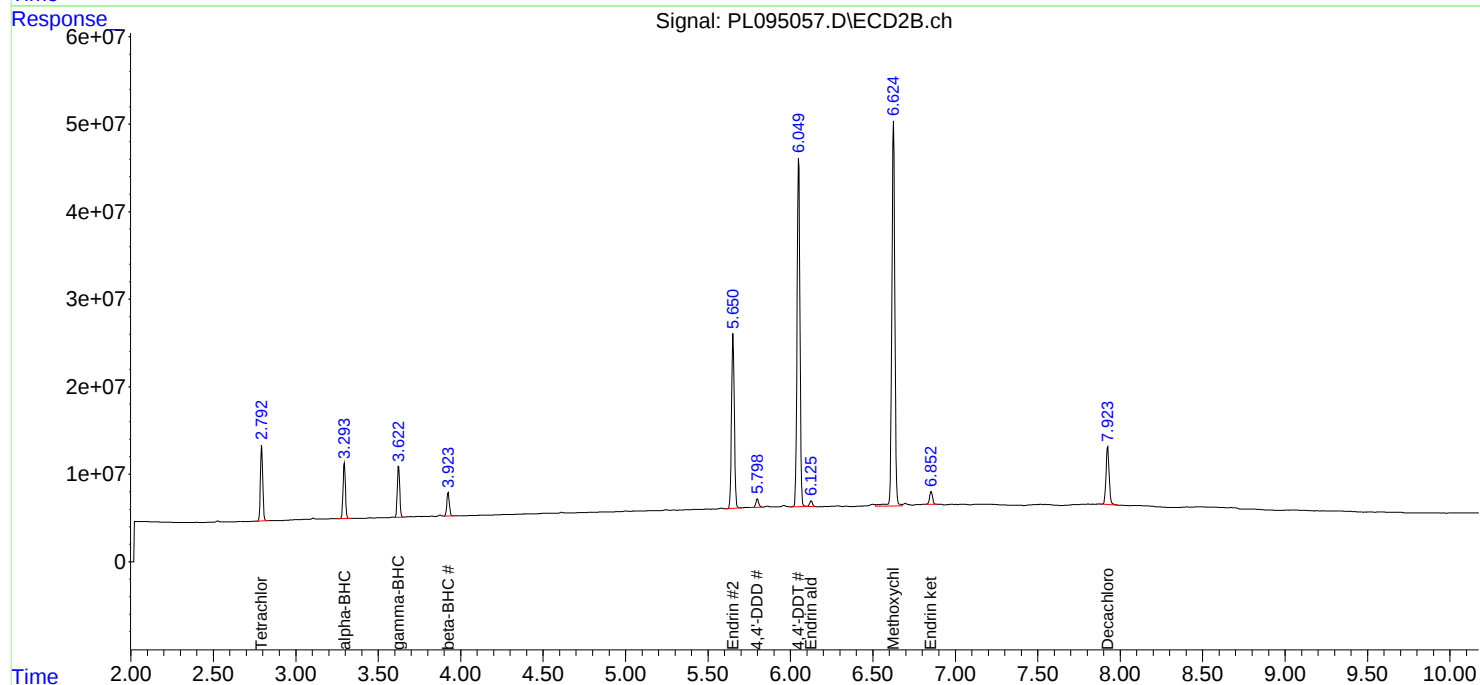
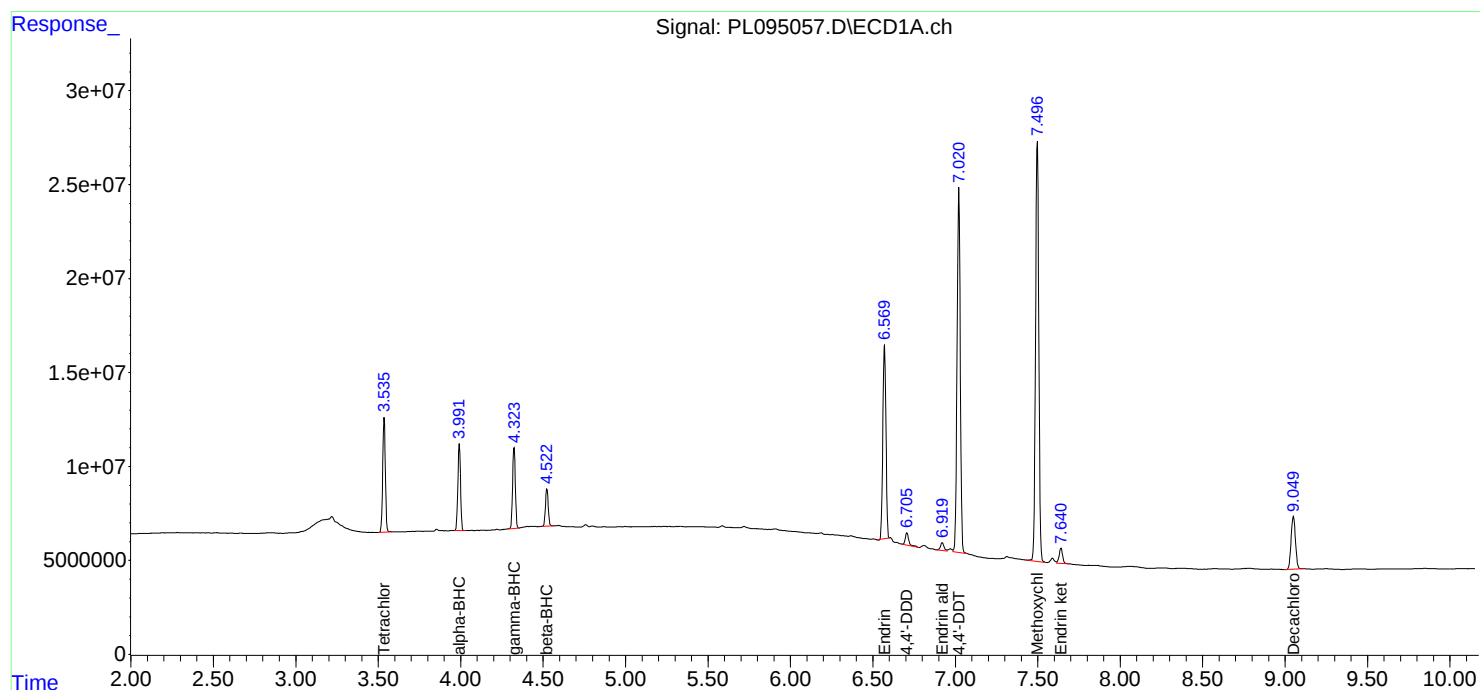
Instrument :
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ClientSampleId :
PEM

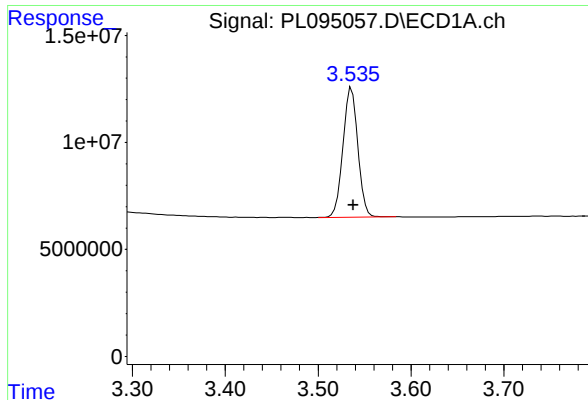
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Integration File signal 1: autoint1.e
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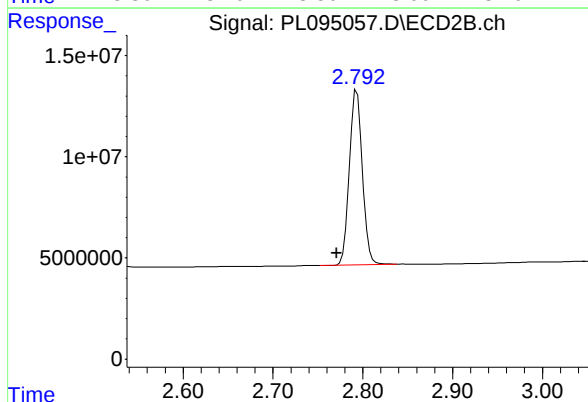
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 67349410
Conc: 23.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

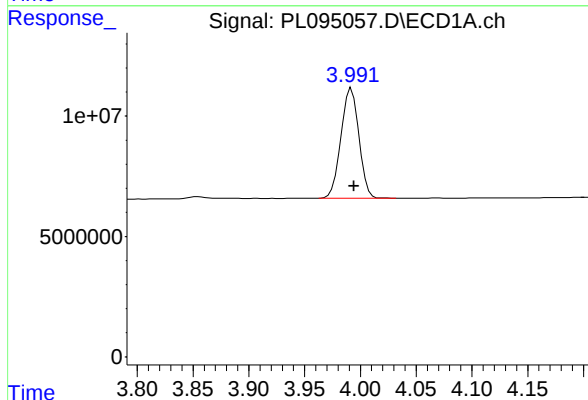
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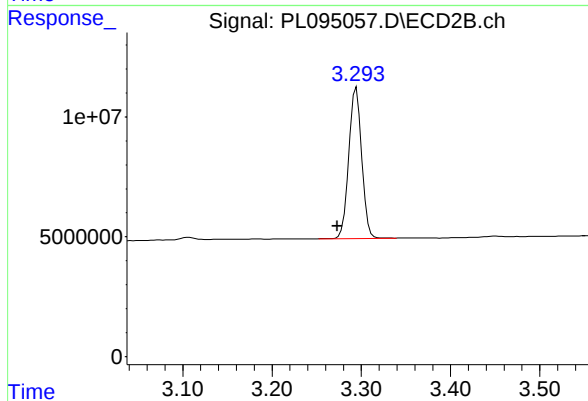
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: 0.022 min
Response: 86343388
Conc: 24.19 ng/ml



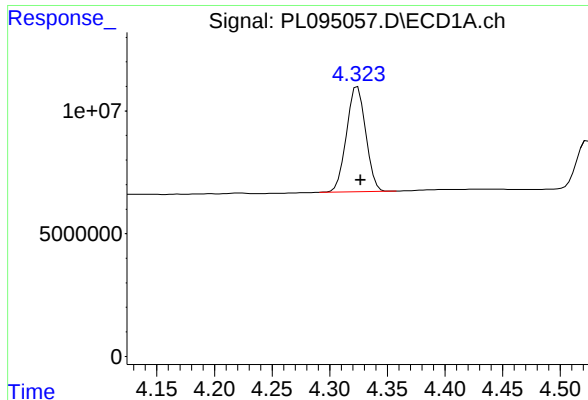
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 51067359
Conc: 12.30 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.021 min
Response: 63349155
Conc: 11.75 ng/ml



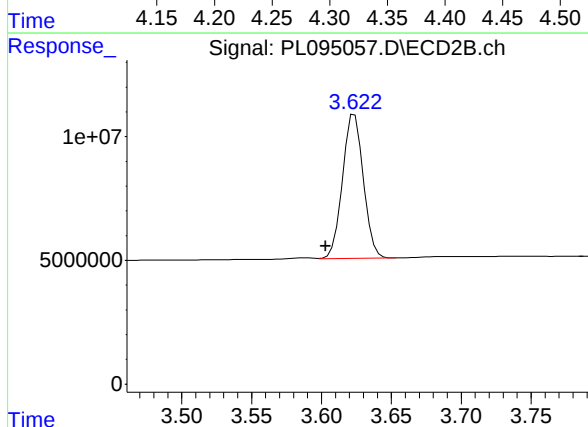
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 49607429
Conc: 12.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

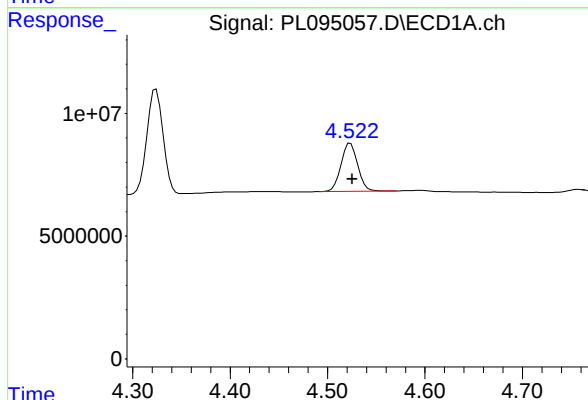
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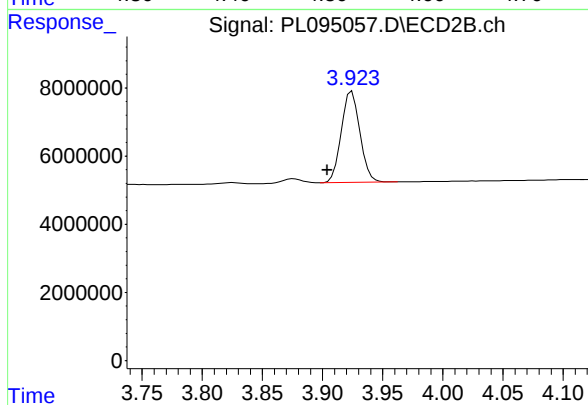
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.021 min
Response: 60485927
Conc: 11.77 ng/ml



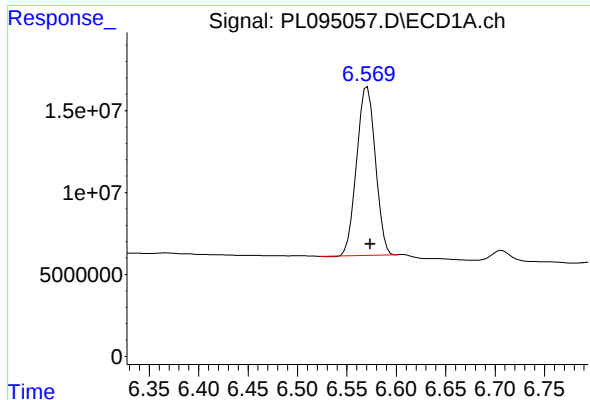
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 23455470
Conc: 12.71 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: 0.020 min
Response: 28926527
Conc: 13.02 ng/ml



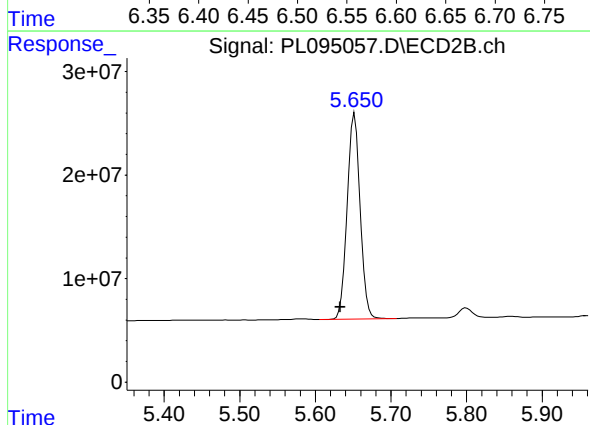
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 136063803
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

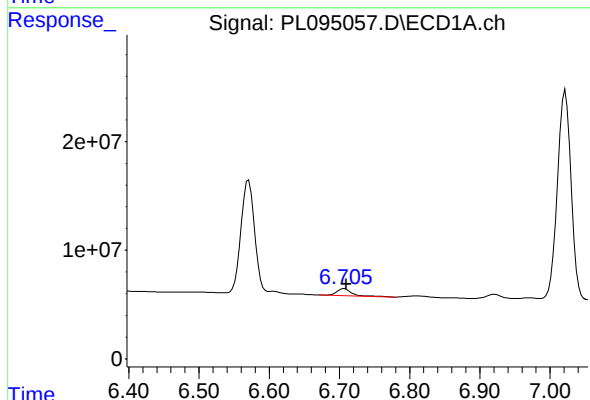
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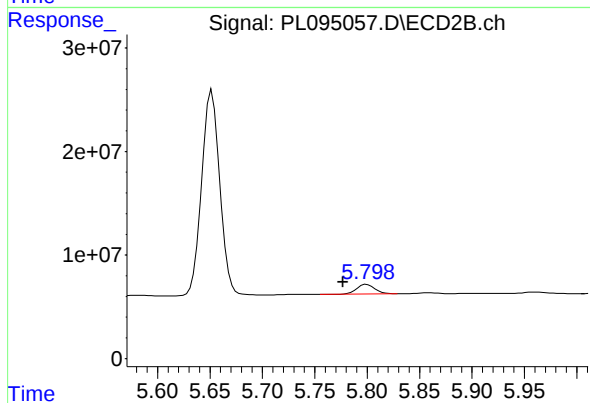
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.019 min
Response: 237406808
Conc: 54.41 ng/ml



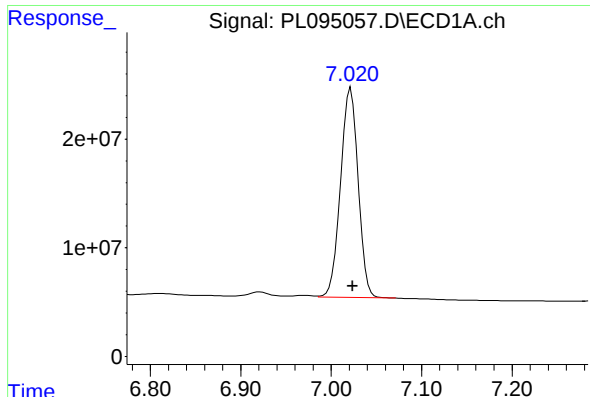
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 9516229
Conc: 4.39 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: 0.023 min
Response: 11314545
Conc: 3.15 ng/ml



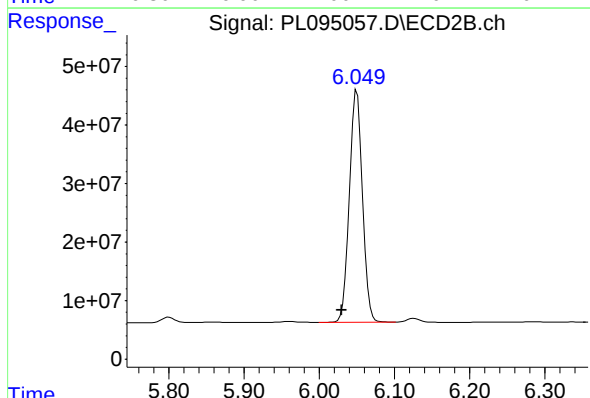
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 261514526
Conc: 109.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

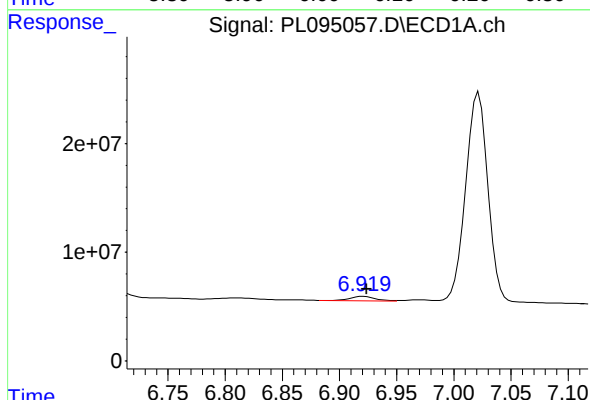
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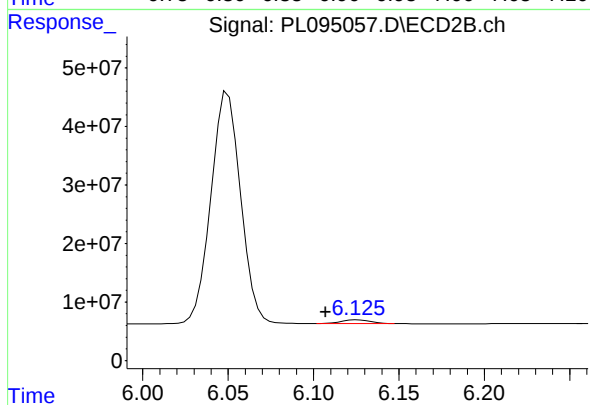
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.020 min
Response: 480697743
Conc: 119.22 ng/ml



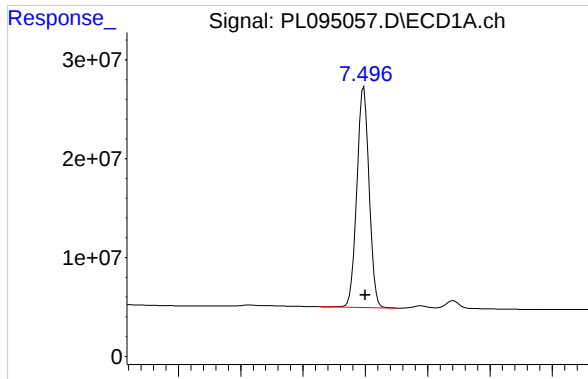
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 6255677
Conc: 2.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: 0.019 min
Response: 7811753
Conc: 2.32 ng/ml



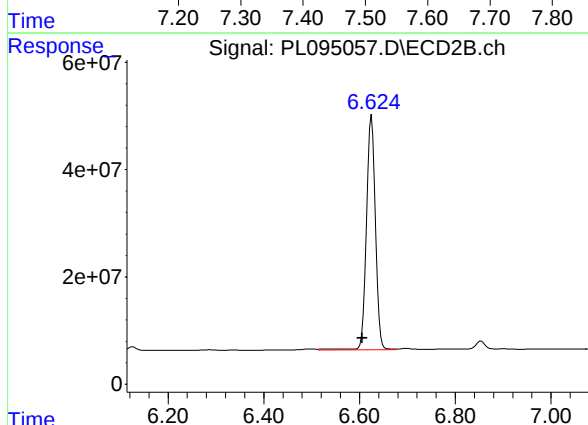
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 307478572
Conc: 256.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

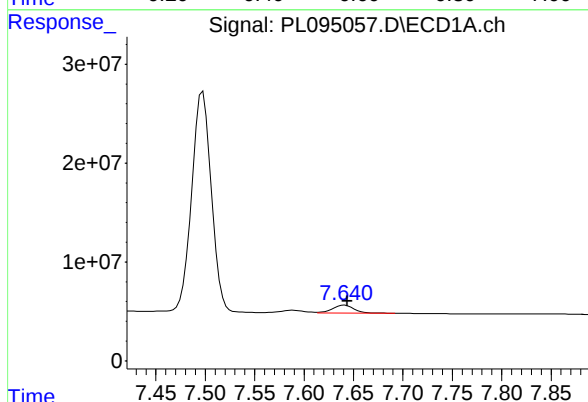
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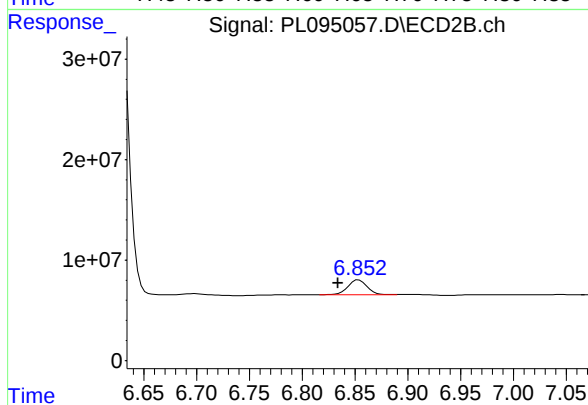
#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.019 min
Response: 569463061
Conc: 268.48 ng/ml



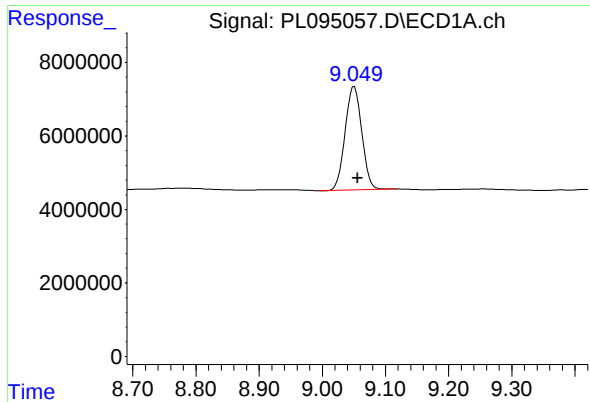
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 11460908
Conc: 4.34 ng/ml



#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.018 min
Response: 18727092
Conc: 3.92 ng/ml m



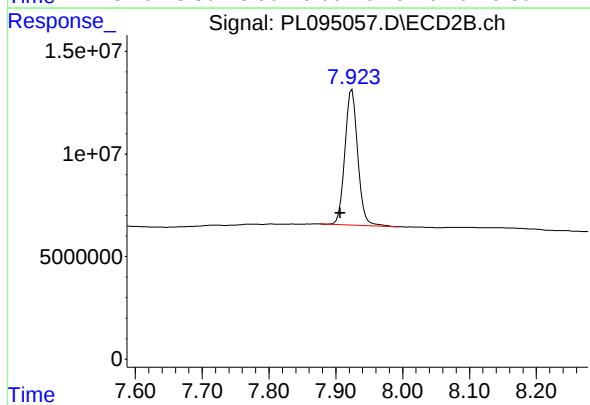
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 51696580
Conc: 24.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.018 min
Response: 88153837
Conc: 21.82 ng/ml