

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 12:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 14:14:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.592	2.907	71863616	79398664	17.588	16.951
28)	SA Decachlor...	9.114	8.083	65436979	72065884	19.289	17.472
Target Compounds							
2)	A alpha-BHC	4.042	3.416	49672336	60774394	8.489	8.498
3)	MA gamma-BHC...	4.372	3.750	47682573	57131925	8.567	8.461
6)	B beta-BHC	4.558	4.044	20291125	25552345	8.285	8.469
14)	MA Endrin	6.616	5.804	169.2E6	209.0E6	44.168	39.230
17)	MA 4,4'-DDT	7.060	6.200	332.0E6	401.0E6	92.283m	79.895
20)	A Methoxychlor	7.533	6.770	371.2E6	506.0E6	220.138	187.009
21)	B Endrin ke...	7.669	7.001	1128961	2051973	0.301m	0.349m

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

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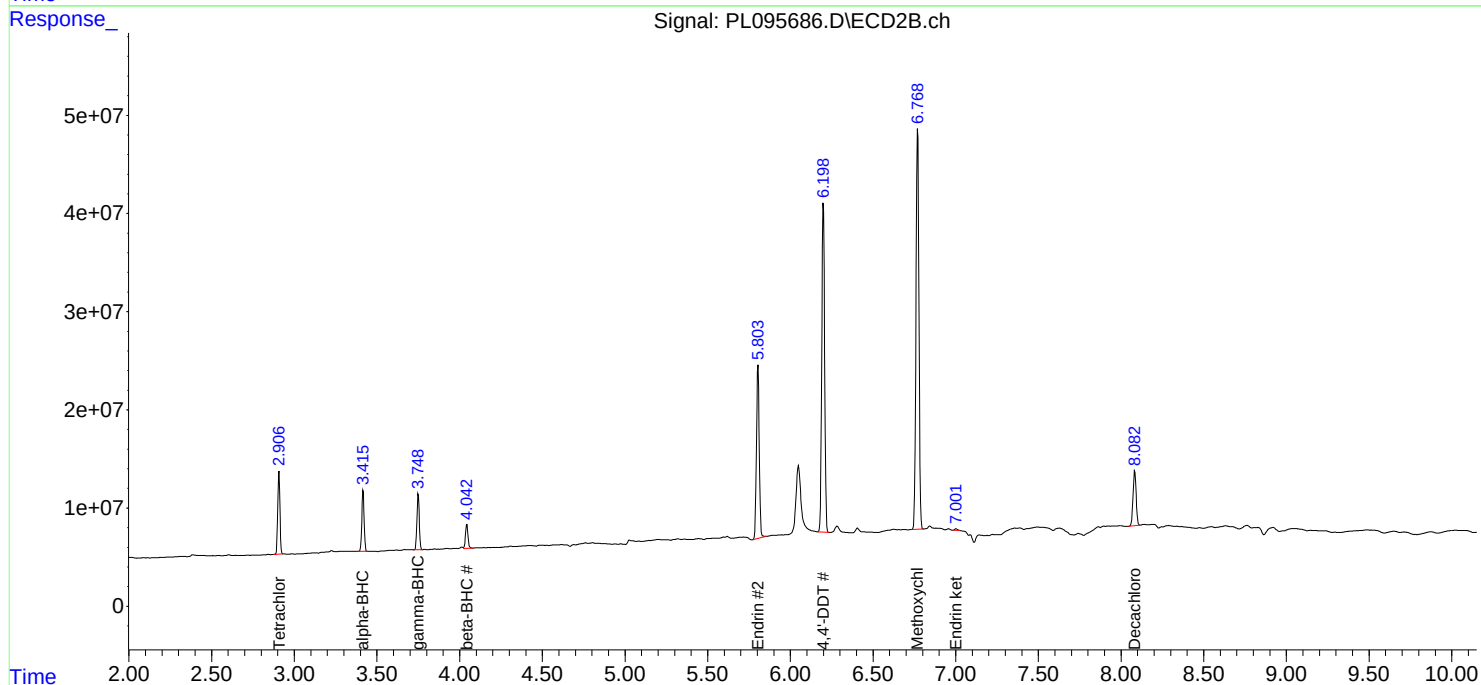
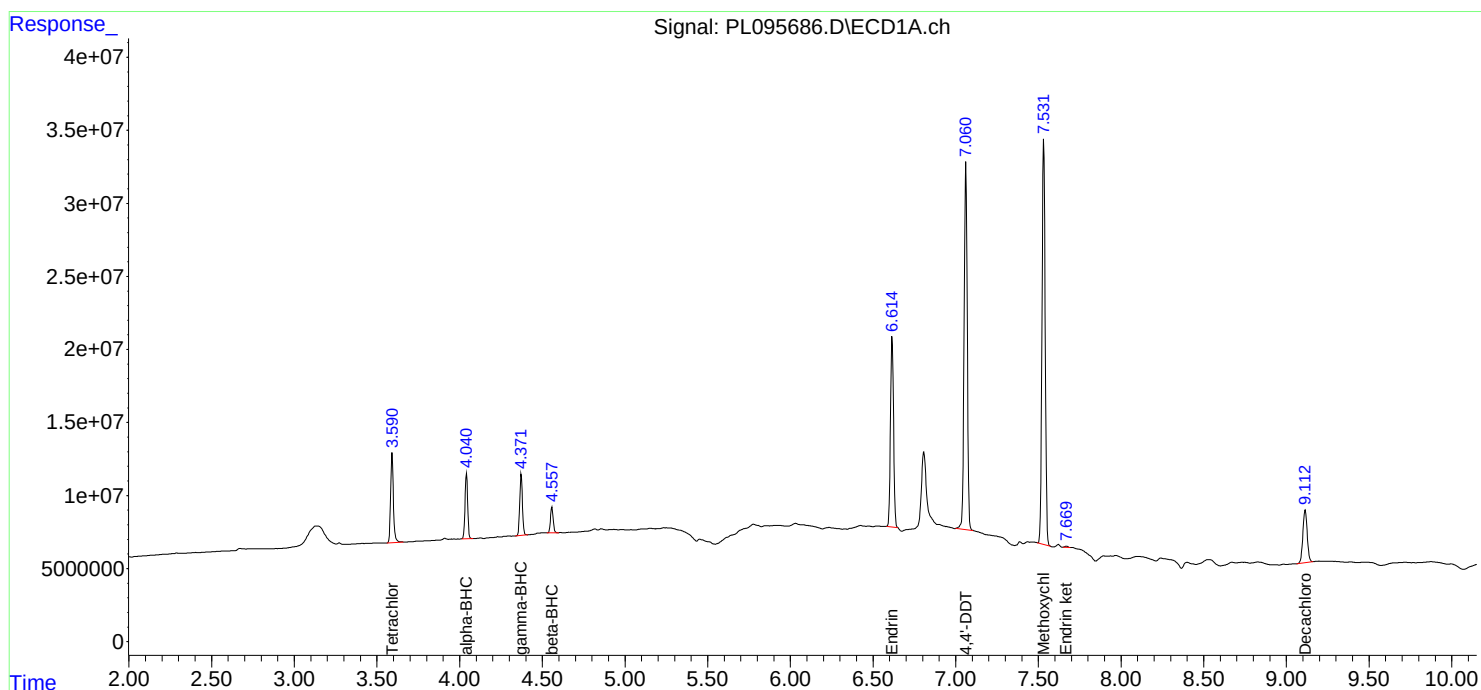
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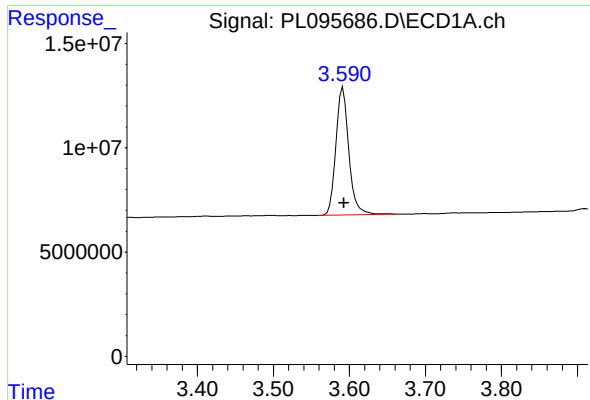
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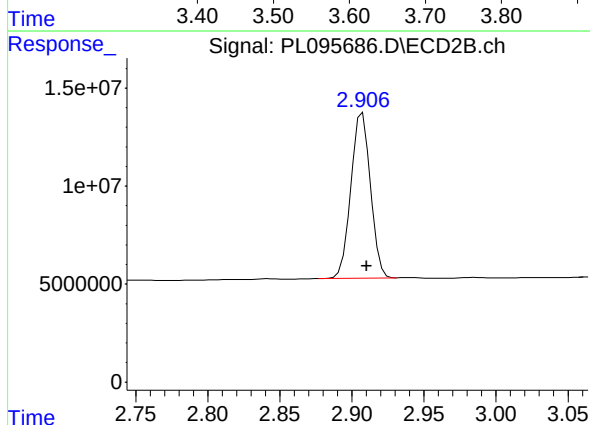
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 71863616
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

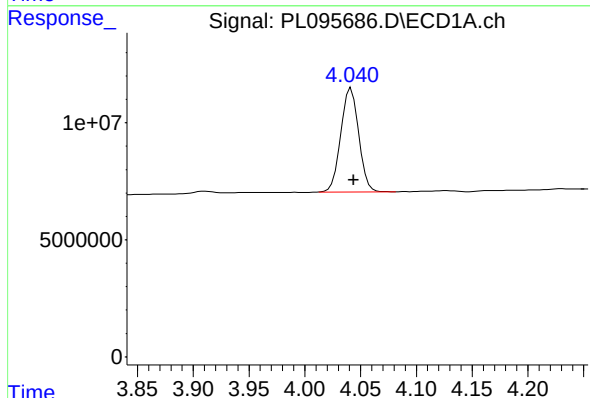
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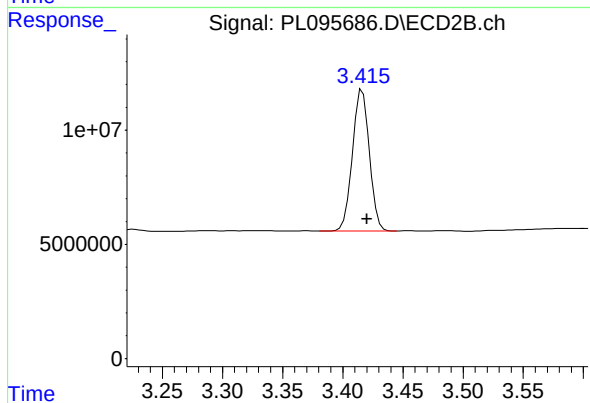
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: -0.003 min
Response: 79398664
Conc: 16.95 ng/ml



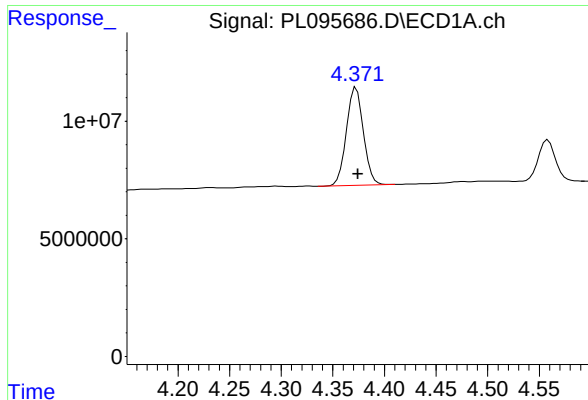
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 49672336
Conc: 8.49 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: -0.004 min
Response: 60774394
Conc: 8.50 ng/ml



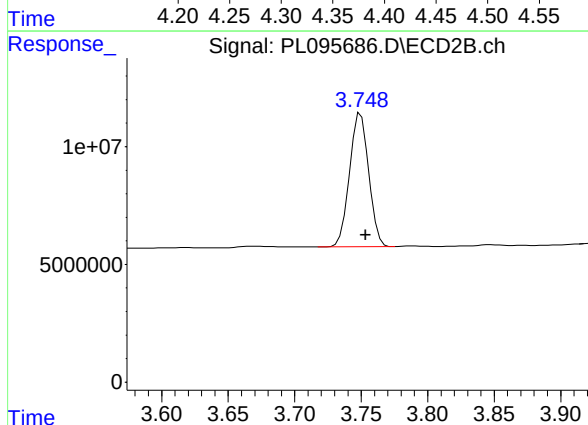
#3 gamma-BHC (Lindane)

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 47682573
Conc: 8.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
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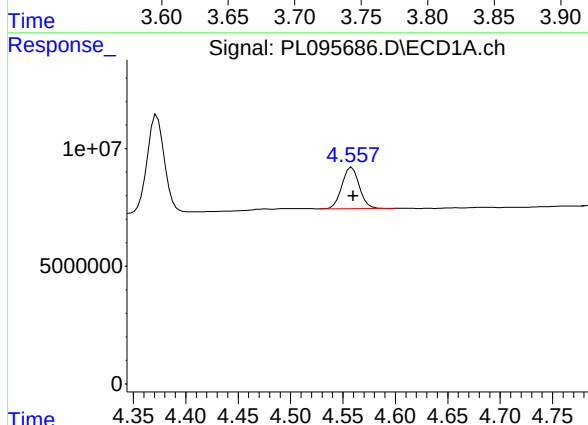
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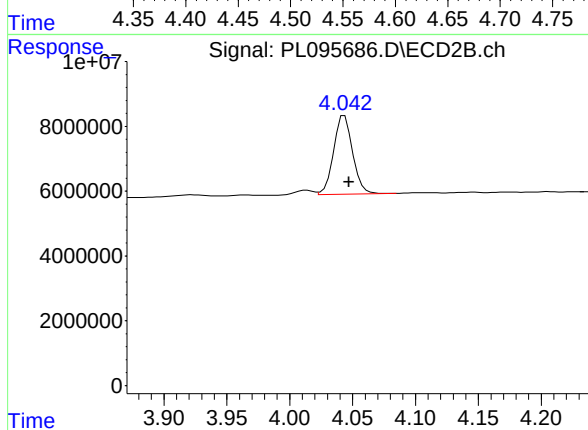
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 57131925
Conc: 8.46 ng/ml



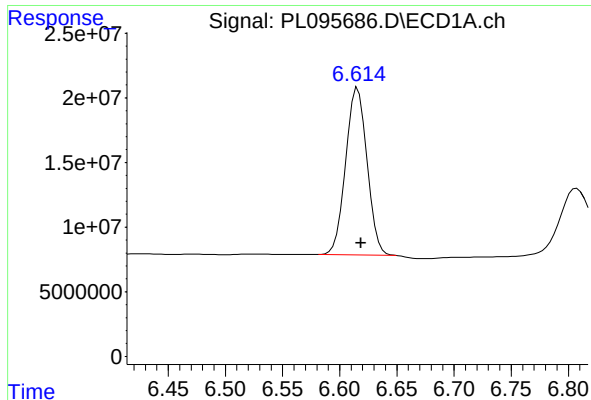
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 20291125
Conc: 8.29 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 25552345
Conc: 8.47 ng/ml



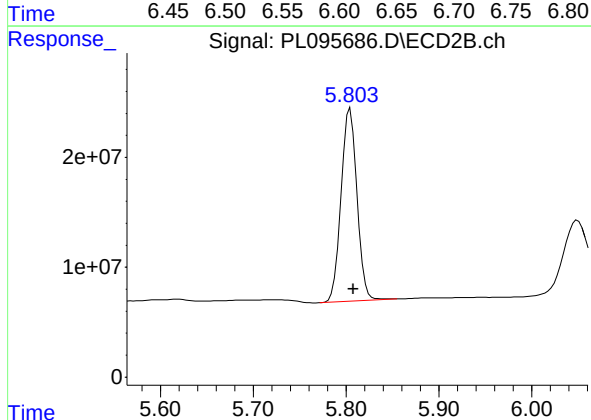
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 169189356
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

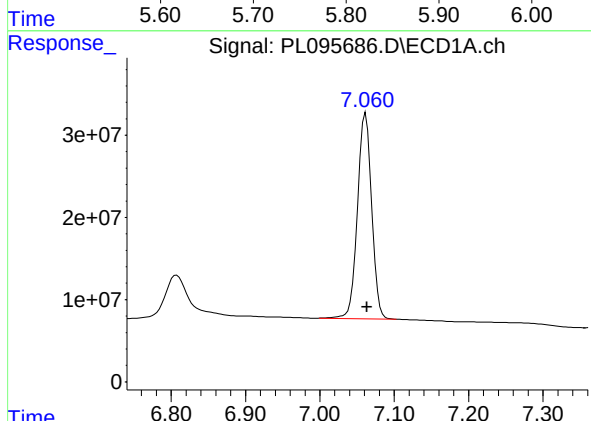
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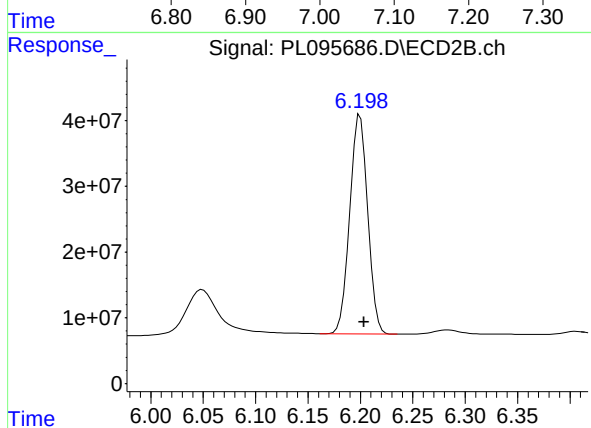
#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 209006440
Conc: 39.23 ng/ml



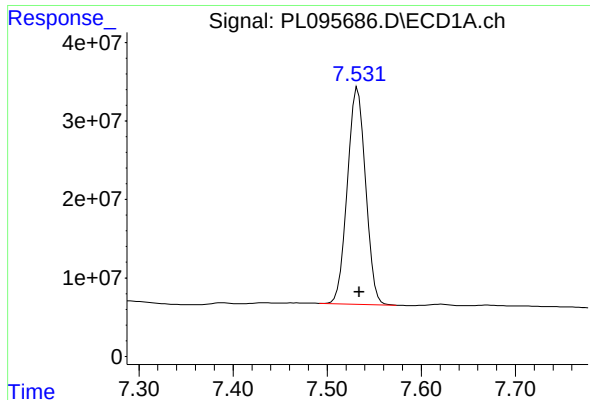
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: -0.003 min
Response: 332017525
Conc: 92.28 ng/ml m



#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 400981986
Conc: 79.90 ng/ml



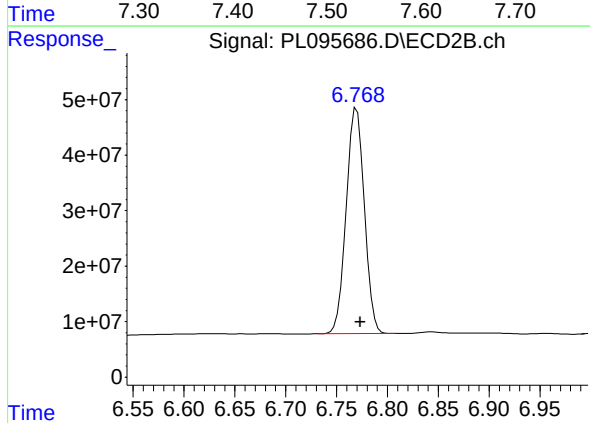
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 371161186
Conc: 220.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

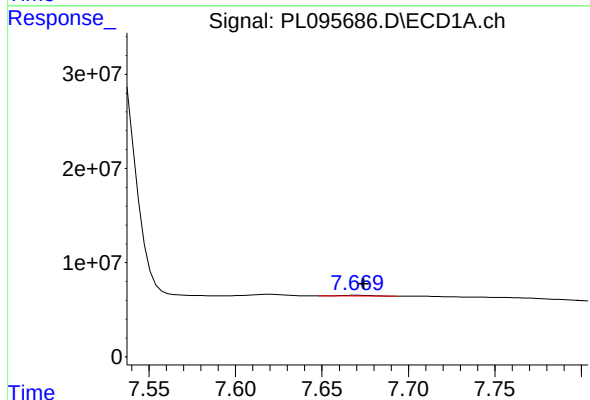
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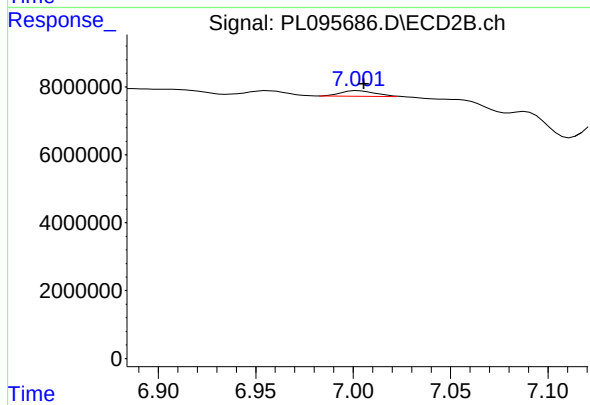
#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 506013437
Conc: 187.01 ng/ml



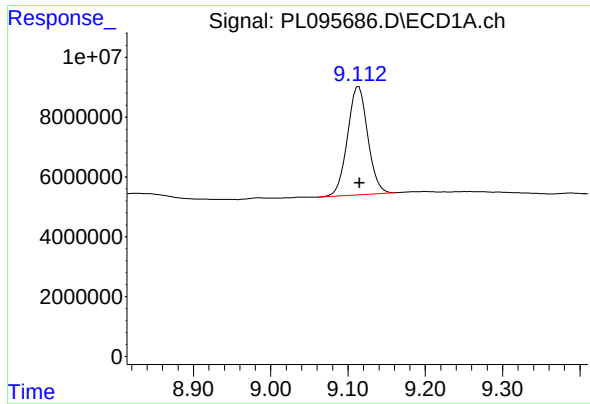
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: -0.005 min
Response: 1128961
Conc: 0.30 ng/ml m



#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 2051973
Conc: 0.35 ng/ml m



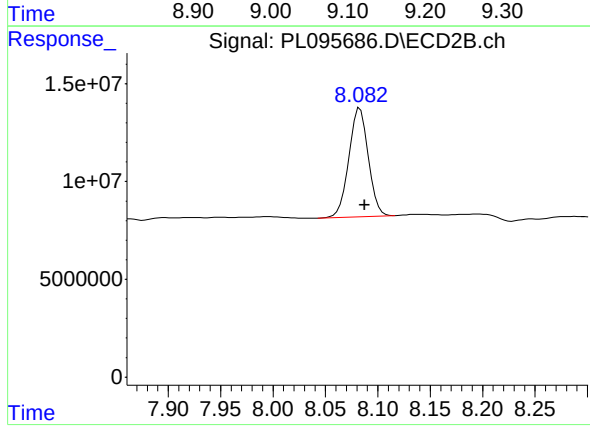
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.002 min
Response: 65436979
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.004 min
Response: 72065884
Conc: 17.47 ng/ml