

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
 Data File : PL095507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 10:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 12:36:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.911	68547535	79153589	20.997	24.893
2)	SA Decachlor...	9.122	8.090	67525152	71791534	24.370	24.260
Target Compounds							
2)	A alpha-BHC	4.046	3.421	50866629	61557955	10.268	13.837 #
3)	MA gamma-BHC...	4.377	3.754	50071111	58574408	10.577	13.318 #
6)	B beta-BHC	4.563	4.048	22505102	27070260	10.885	13.040
14)	MA Endrin	6.621	5.809	180.3E6	225.2E6	56.623m	61.846
16)	A 4,4'-DDD	6.750	5.950	5744153	7068094	2.029m	2.164m
17)	MA 4,4'-DDT	7.067	6.206	334.0E6	414.2E6	117.265	120.537
18)	B Endrin al...	6.961	6.278	668909	2359717	0.288m	0.903m#
20)	A Methoxychlor	7.539	6.776	369.9E6	480.8E6	265.120	252.062
21)	B Endrin ke...	7.676	7.006	3667439	5539524	1.286m	1.573m

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

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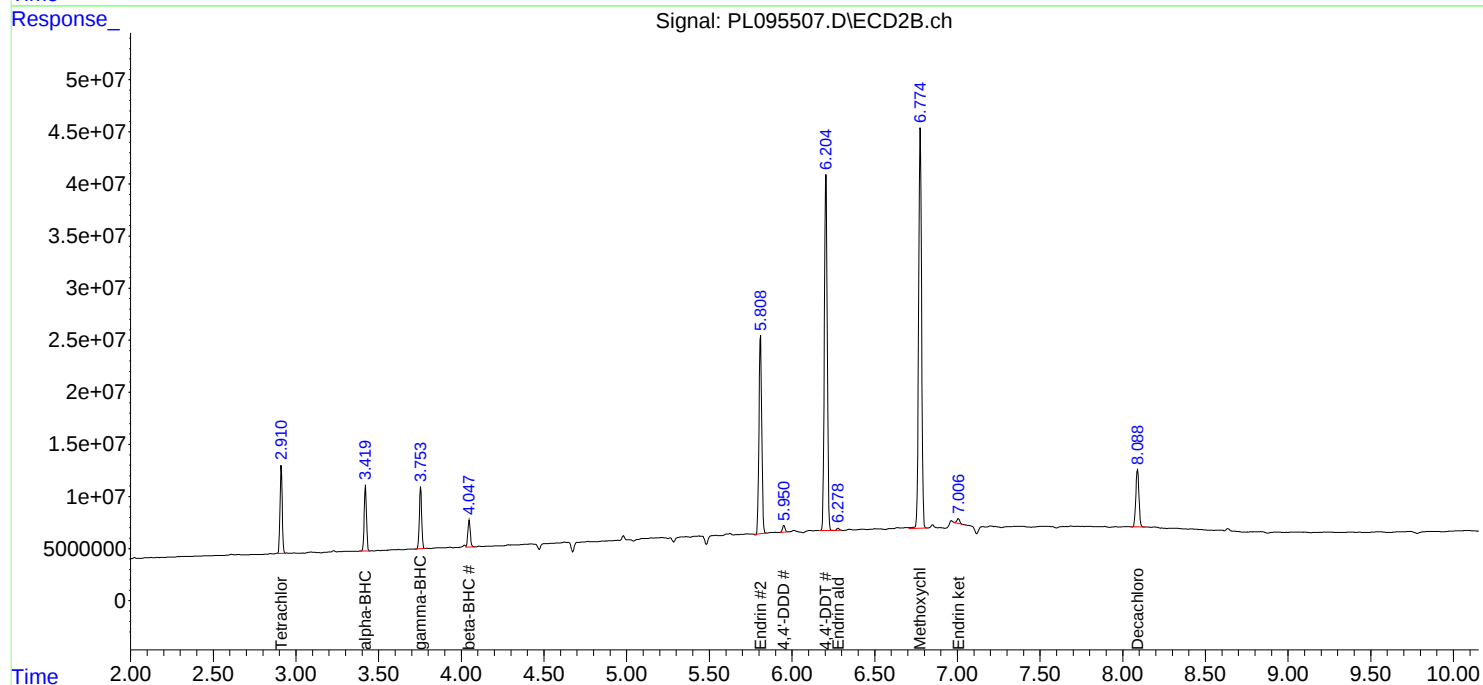
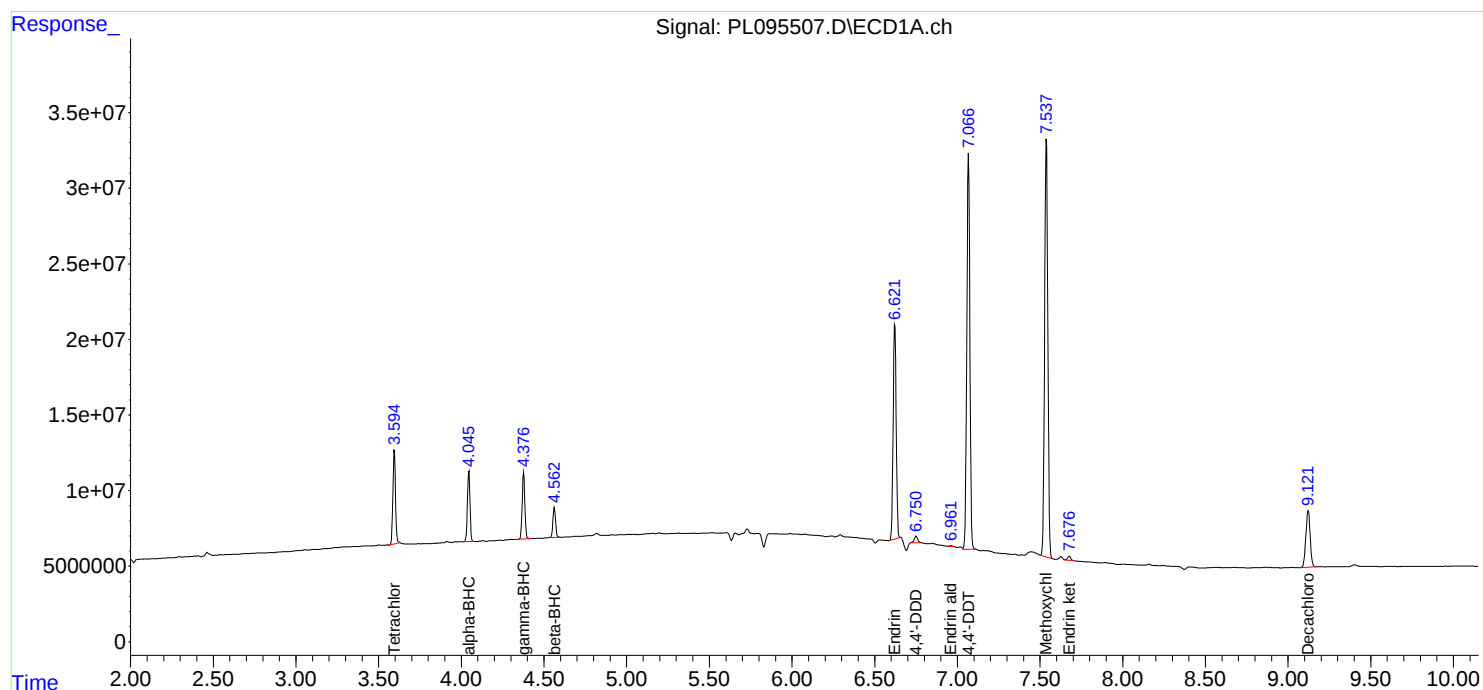
Instrument :
ECD_L
ClientSampleId :
PEM

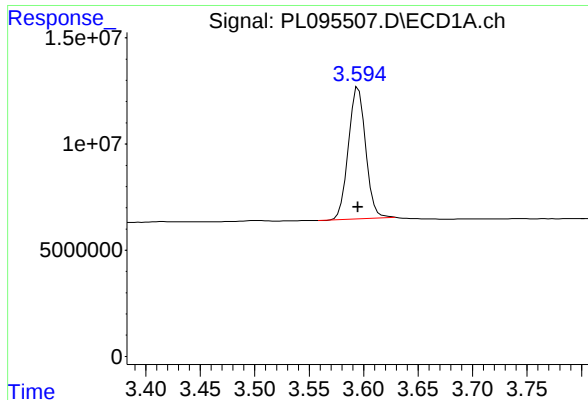
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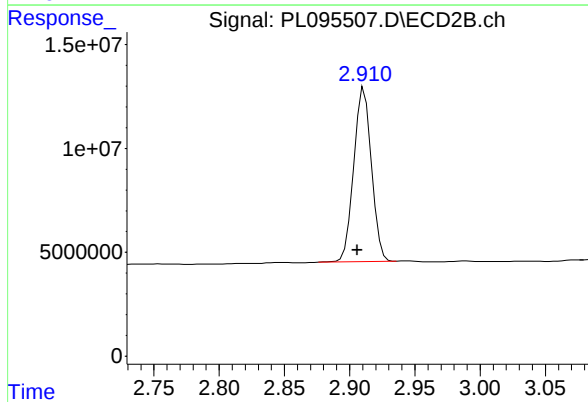
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 68547535
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

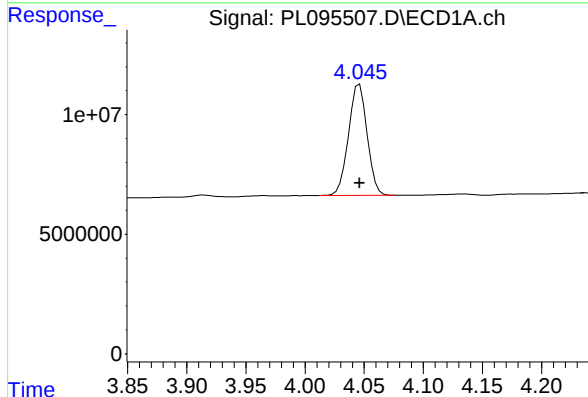
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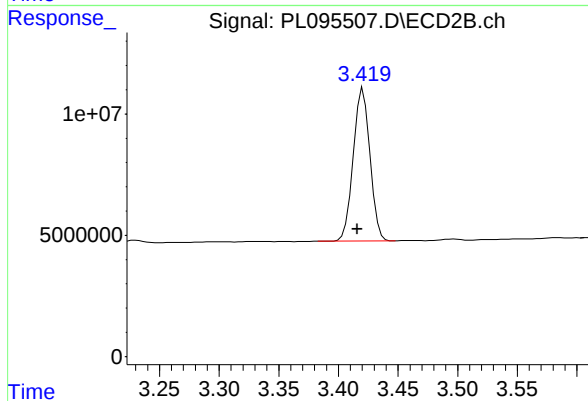
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.006 min
Response: 79153589
Conc: 24.89 ng/ml



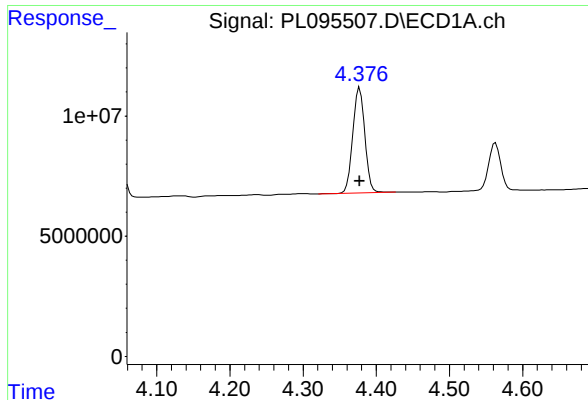
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 50866629
Conc: 10.27 ng/ml



#2 alpha-BHC

R.T.: 3.421 min
Delta R.T.: 0.005 min
Response: 61557955
Conc: 13.84 ng/ml



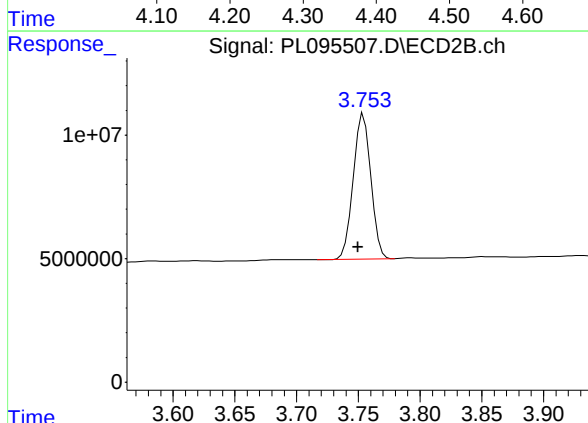
#3 gamma-BHC (Lindane)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 50071111
Conc: 10.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

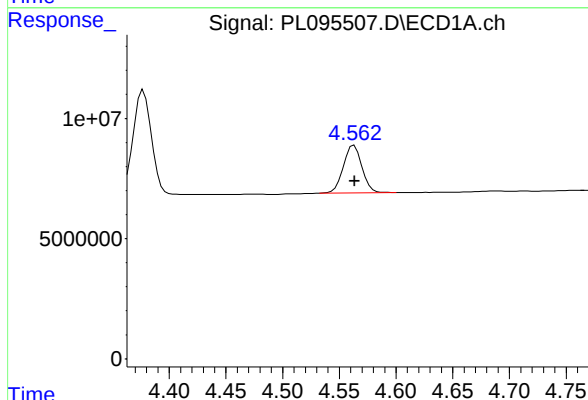
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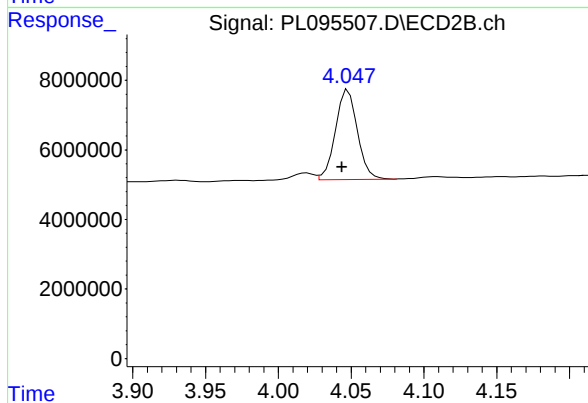
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.005 min
Response: 58574408
Conc: 13.32 ng/ml



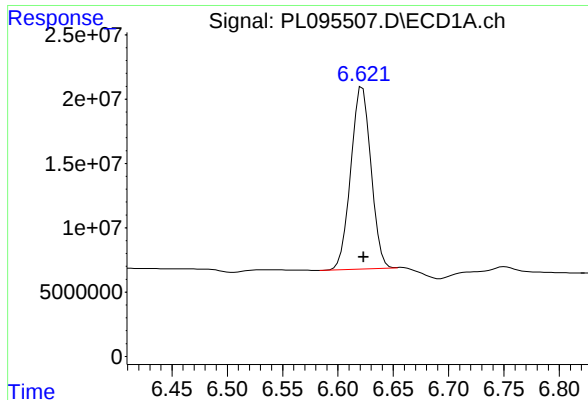
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 22505102
Conc: 10.89 ng/ml



#6 beta-BHC

R.T.: 4.048 min
Delta R.T.: 0.004 min
Response: 27070260
Conc: 13.04 ng/ml



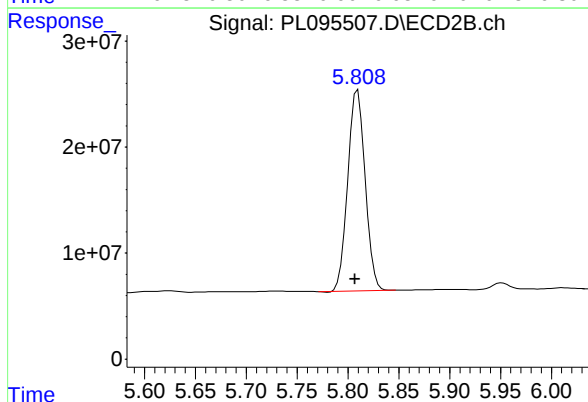
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 180331383
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

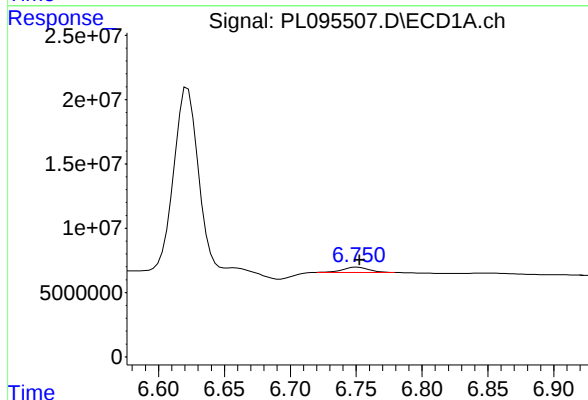
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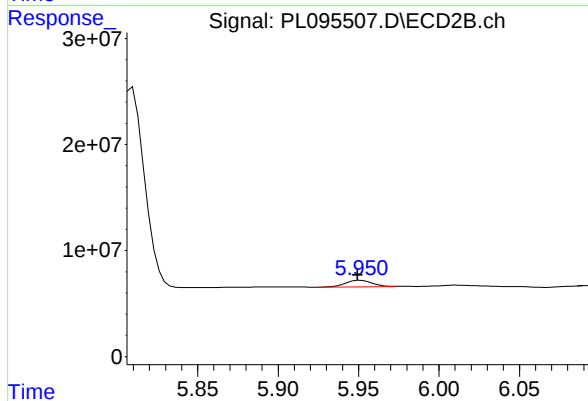
#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 225163697
Conc: 61.85 ng/ml



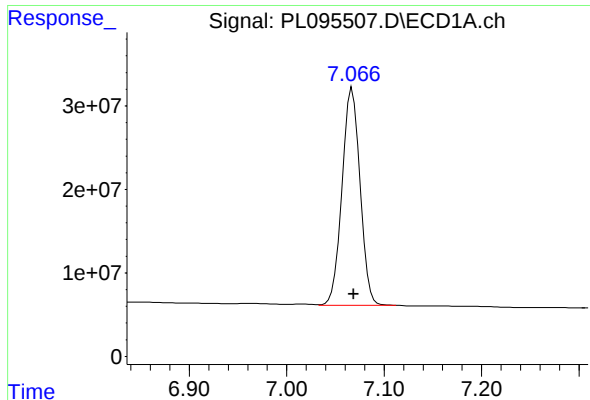
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 5744153
Conc: 2.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 7068094
Conc: 2.16 ng/ml m



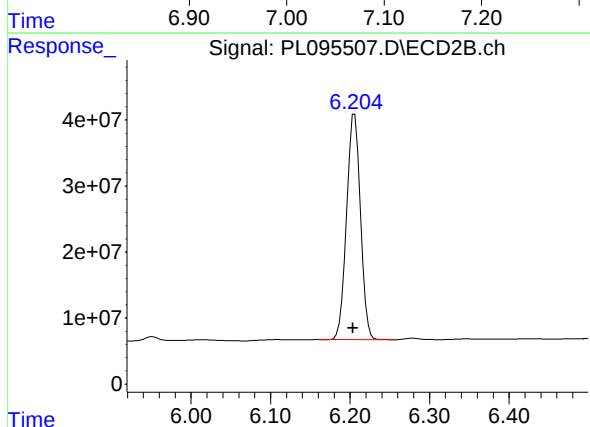
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 334037643
Conc: 117.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

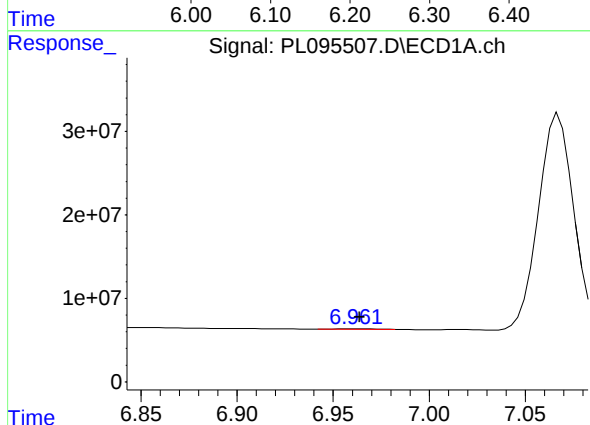
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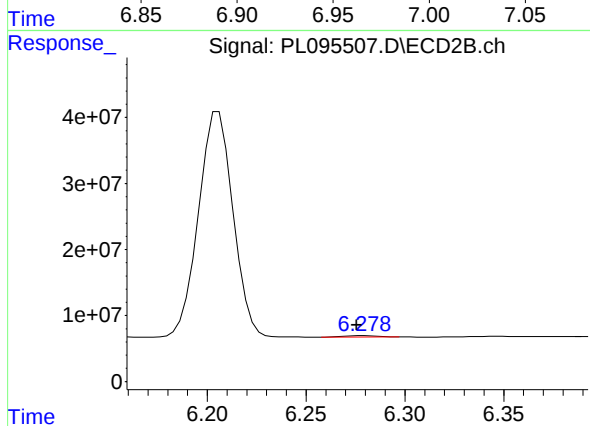
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 414186253
Conc: 120.54 ng/ml



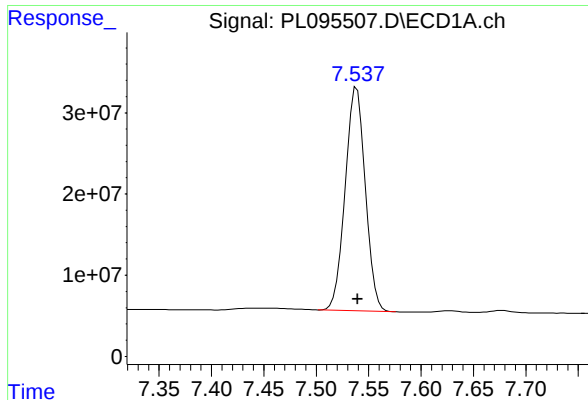
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 668909
Conc: 0.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 2359717
Conc: 0.90 ng/ml m



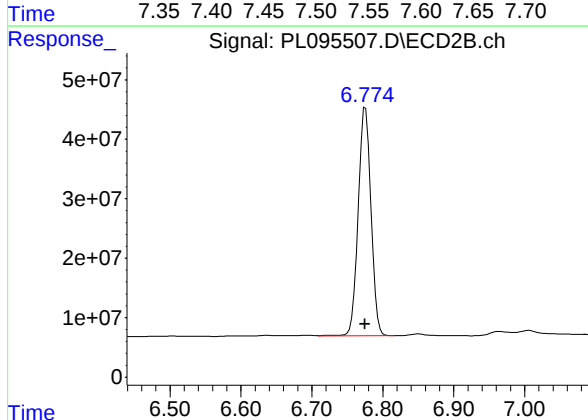
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 369877593
Conc: 265.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

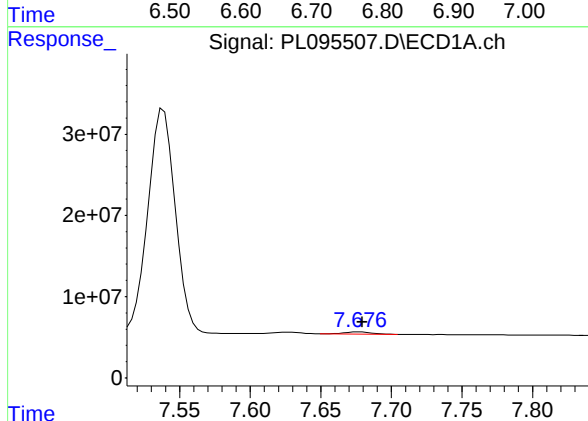
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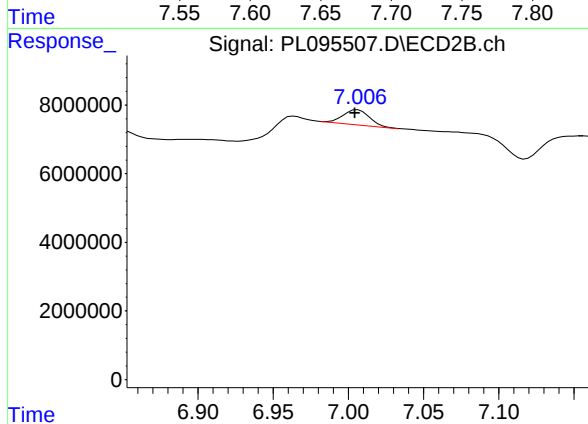
#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 480790719
Conc: 252.06 ng/ml



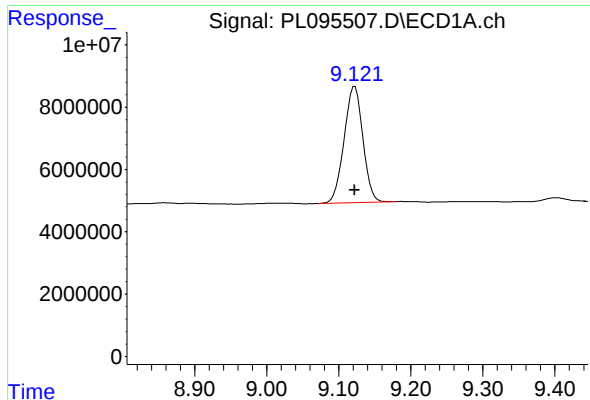
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 3667439
Conc: 1.29 ng/ml m



#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 5539524
Conc: 1.57 ng/ml m



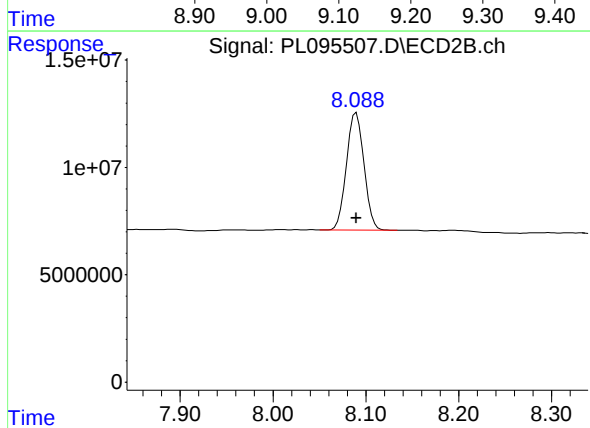
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 67525152
Conc: 24.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 71791534
Conc: 24.26 ng/ml