

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 12:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:40:43 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...	3.598	2.909	61424172	69439253	18.815m	21.838
28)	SA Decachlor...	9.128	8.092	56003782	62431479	20.212	21.097
Target Compounds							
2)	A alpha-BHC	4.051	3.419	43928418	52388008	8.868	11.776 #
3)	MA gamma-BHC...	4.381	3.753	43573454	50753813	9.204m	11.540 #
6)	B beta-BHC	4.569	4.047	19177011	23707306	9.275	11.420
14)	MA Endrin	6.626	5.810	163.3E6	200.1E6	51.267m	54.962
16)	A 4,4'-DDD	6.755	5.951	4298278	5724734	1.518m	1.752m
17)	MA 4,4'-DDT	7.073	6.207	284.6E6	359.9E6	99.921	104.726
18)	B Endrin al...	6.966	6.279	559490	2119900	0.241m	0.811m#
20)	A Methoxychlor	7.545	6.778	318.9E6	422.2E6	228.569	221.368
21)	B Endrin ke...	7.682	7.008	2424389	3656783	0.850m	1.038m

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

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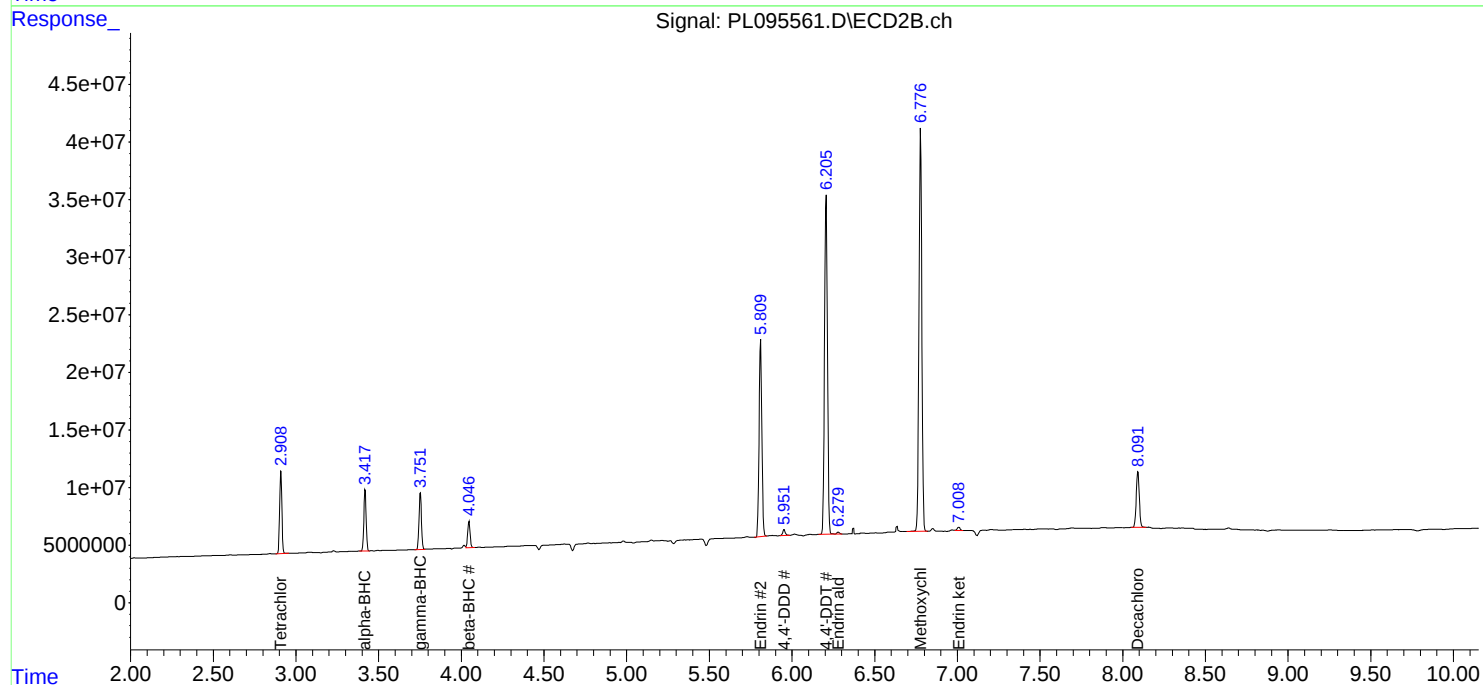
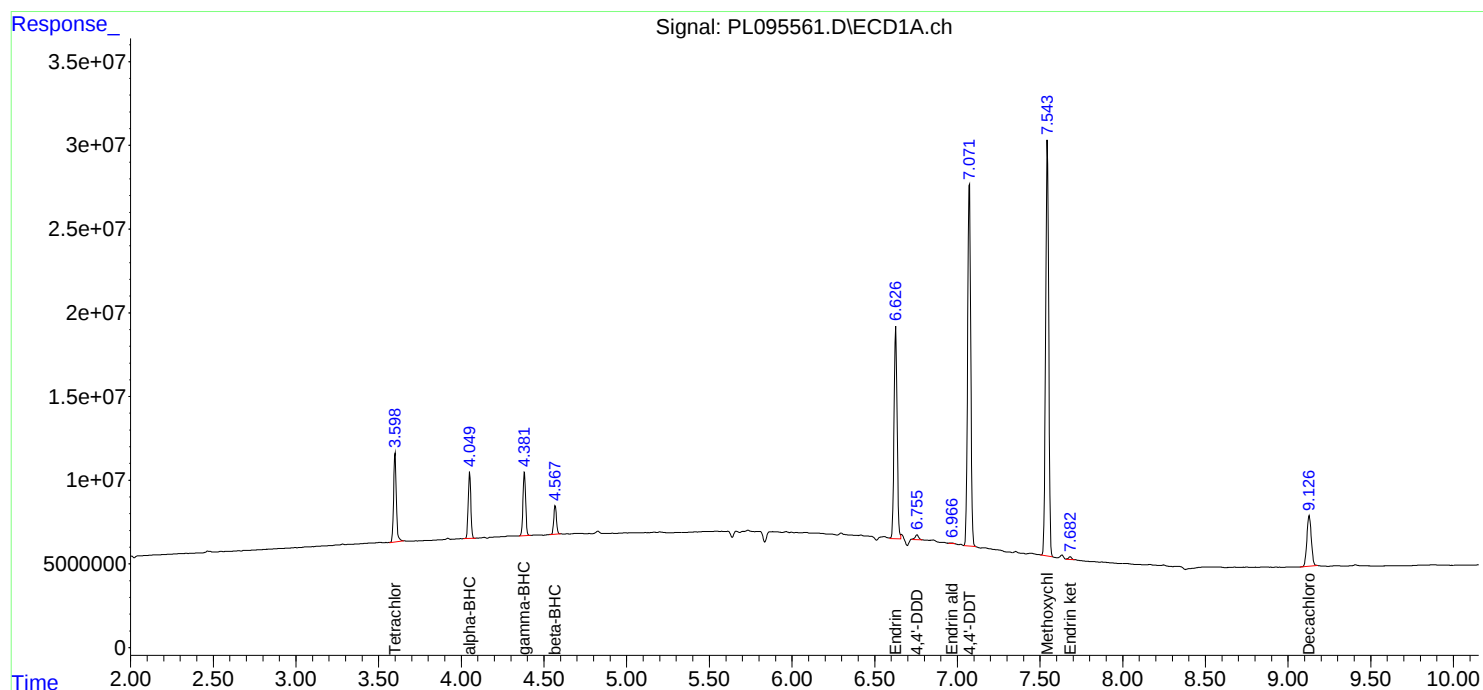
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ClientSampleId :
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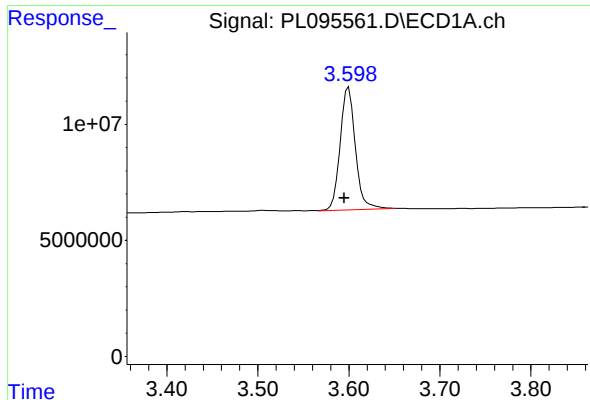
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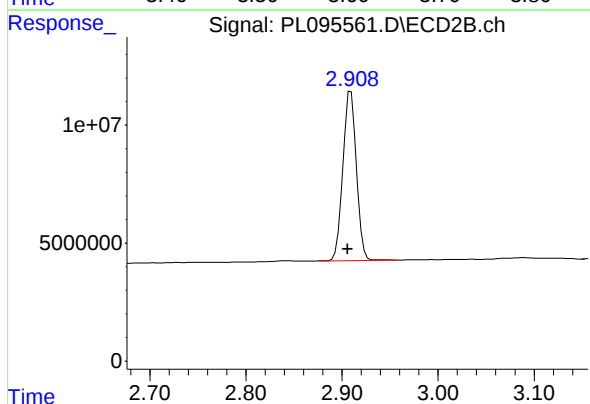
#1 Tetrachloro-m-xylene

R.T.: 3.598 min
Delta R.T.: 0.003 min
Response: 61424172
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

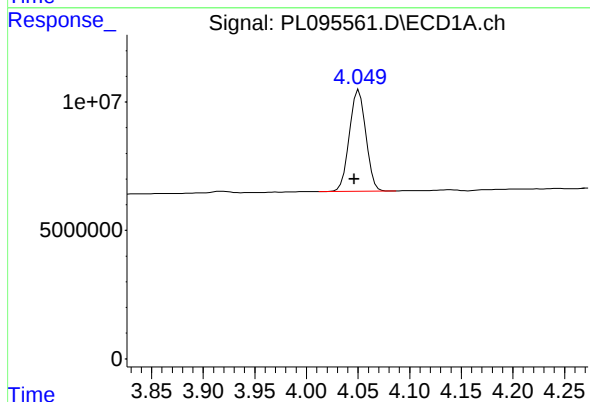
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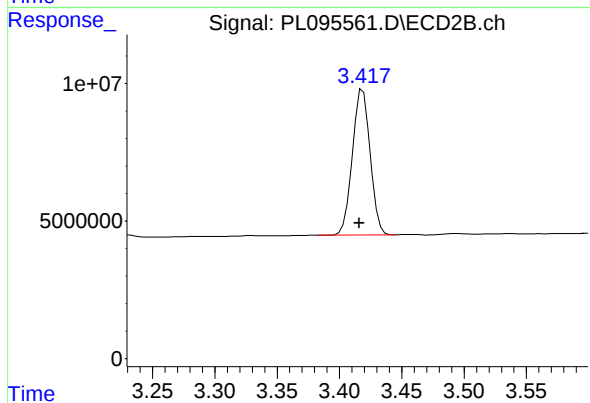
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 69439253
Conc: 21.84 ng/ml



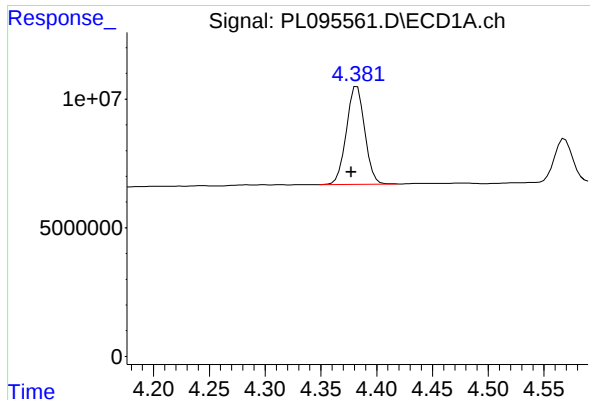
#2 alpha-BHC

R.T.: 4.051 min
Delta R.T.: 0.005 min
Response: 43928418
Conc: 8.87 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 52388008
Conc: 11.78 ng/ml



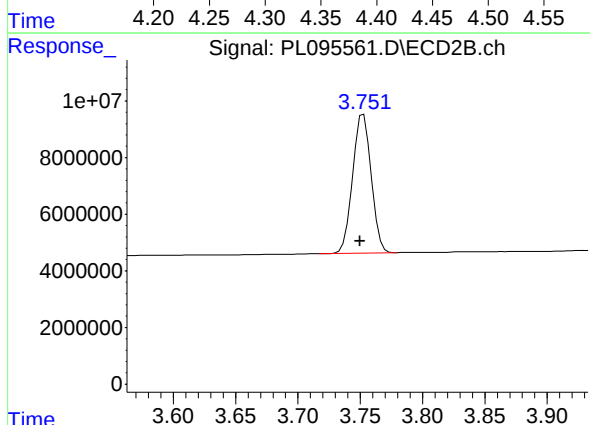
#3 gamma-BHC (Lindane)

R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 43573454
Conc: 9.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

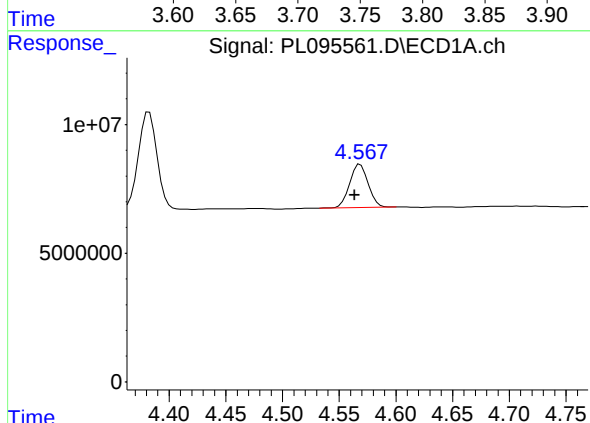
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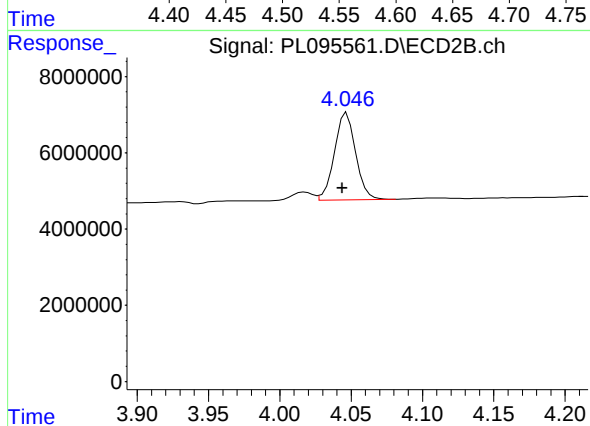
#3 gamma-BHC (Lindane)

R.T.: 3.753 min
Delta R.T.: 0.003 min
Response: 50753813
Conc: 11.54 ng/ml



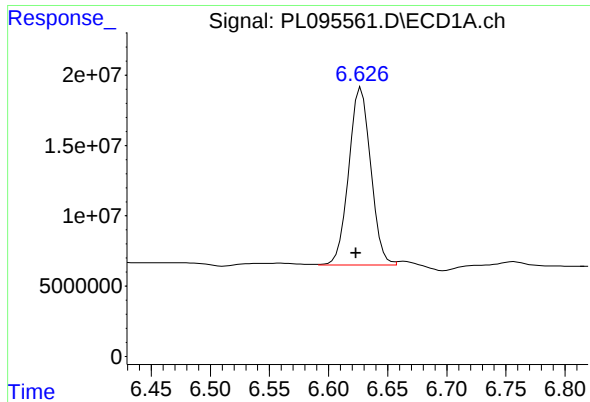
#6 beta-BHC

R.T.: 4.569 min
Delta R.T.: 0.005 min
Response: 19177011
Conc: 9.28 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 23707306
Conc: 11.42 ng/ml



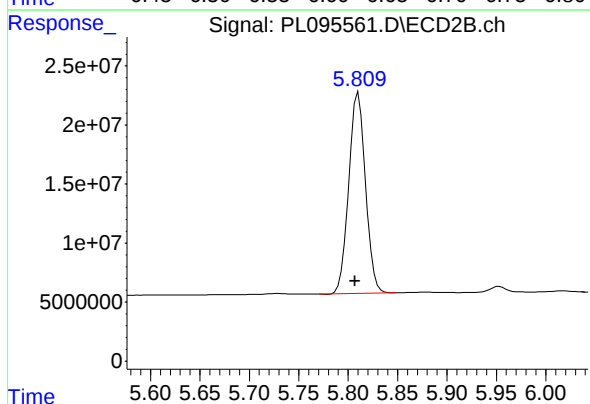
#14 Endrin

R.T.: 6.626 min
Delta R.T.: 0.003 min
Response: 163271798
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

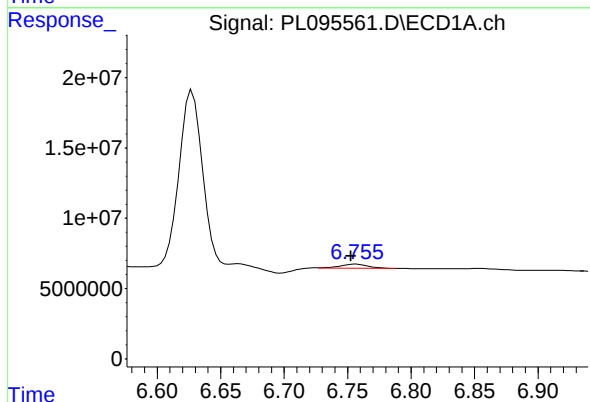
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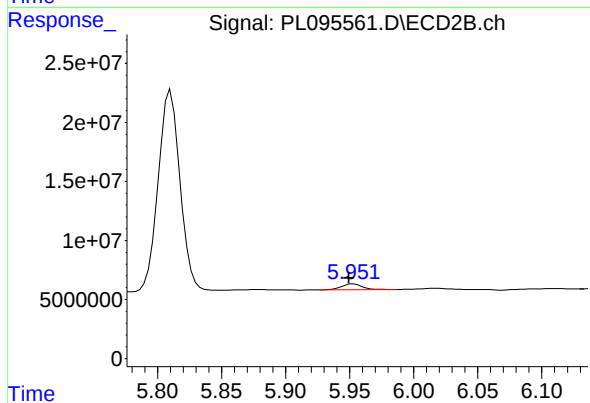
#14 Endrin

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 200102005
Conc: 54.96 ng/ml



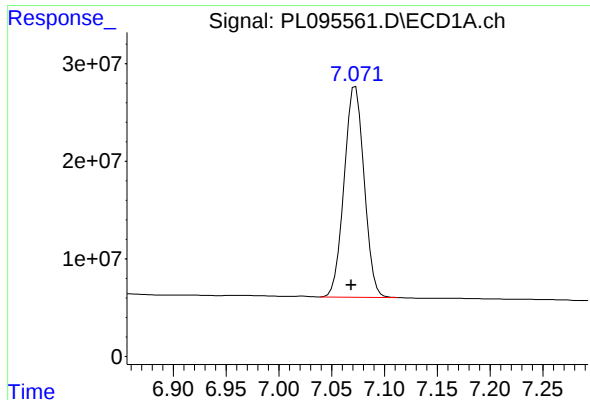
#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 4298278
Conc: 1.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 5724734
Conc: 1.75 ng/ml m



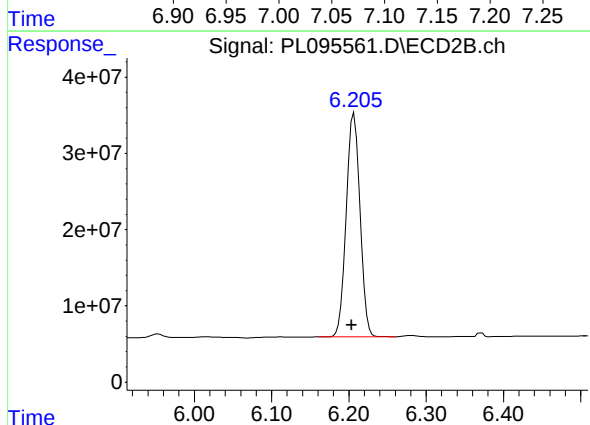
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.004 min
Response: 284633916
Conc: 99.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

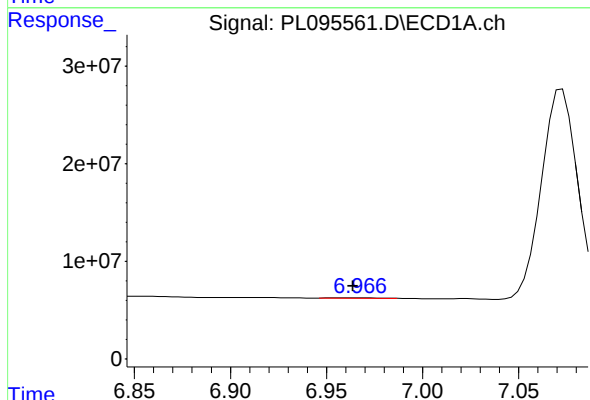
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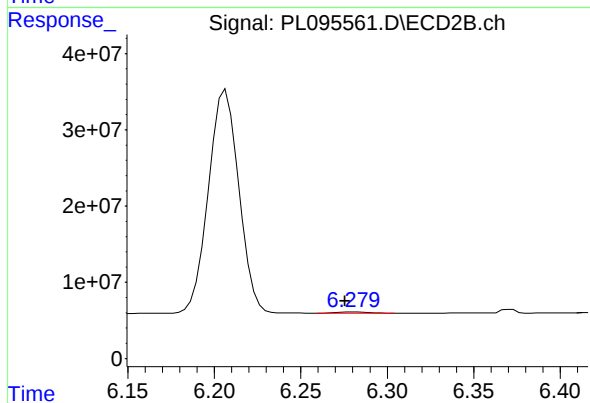
#17 4,4'-DDT

R.T.: 6.207 min
Delta R.T.: 0.003 min
Response: 359857998
Conc: 104.73 ng/ml



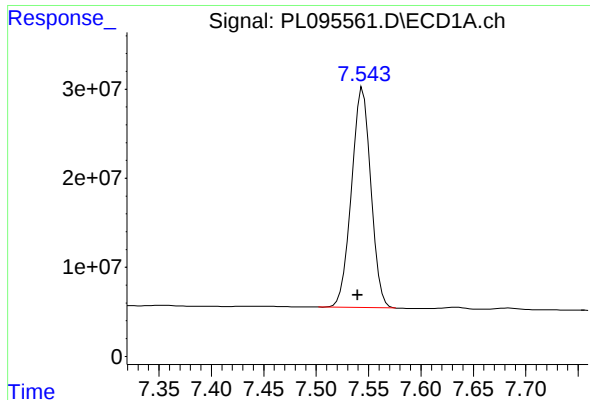
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 559490
Conc: 0.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 2119900
Conc: 0.81 ng/ml m



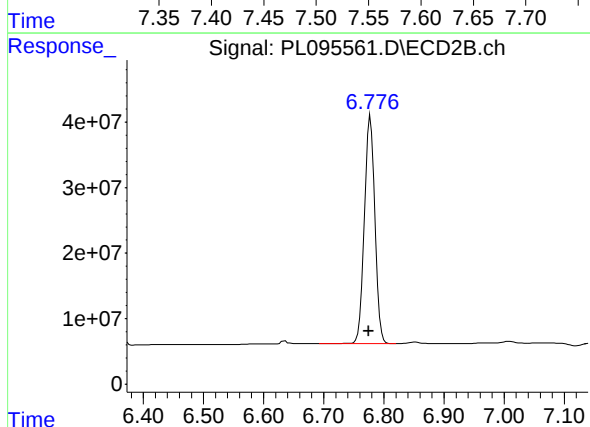
#20 Methoxychlor

R.T.: 7.545 min
Delta R.T.: 0.005 min
Response: 318884198
Conc: 228.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

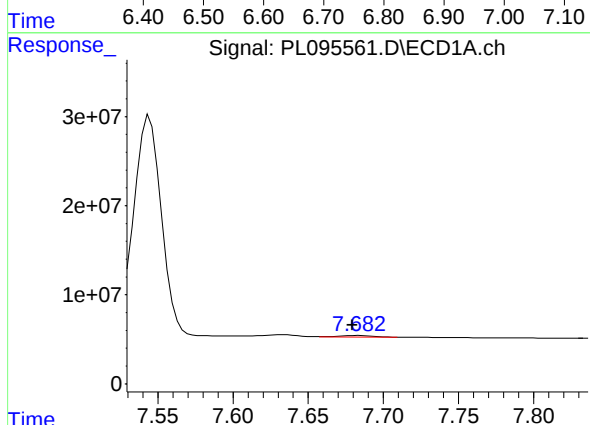
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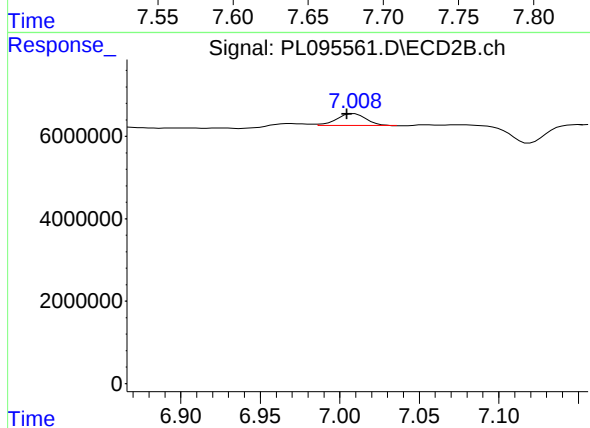
#20 Methoxychlor

R.T.: 6.778 min
Delta R.T.: 0.003 min
Response: 422242777
Conc: 221.37 ng/ml



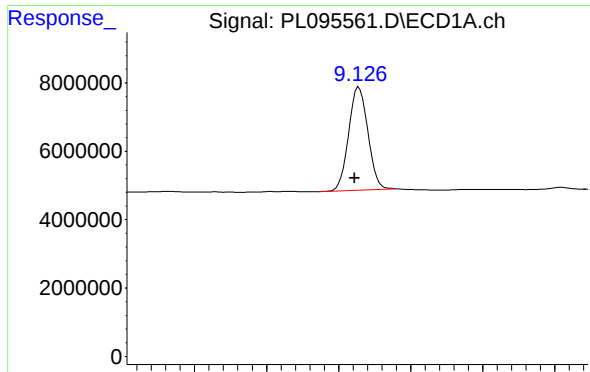
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 2424389
Conc: 0.85 ng/ml m



#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 3656783
Conc: 1.04 ng/ml m



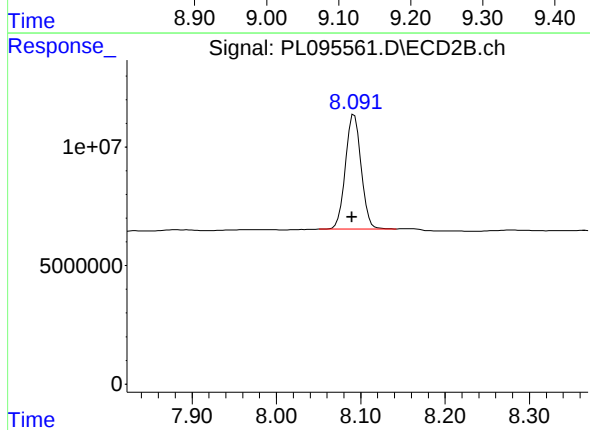
#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.006 min
Response: 56003782
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.092 min
Delta R.T.: 0.003 min
Response: 62431479
Conc: 21.10 ng/ml