

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061125\
 Data File : PL095998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 08:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/11/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 13:59:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 13:53:55 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...	3.571	2.884	64210336	80383961	19.761	19.806
28)	SA Decachlor...	9.113	8.065	51690792	98310849	21.146	20.678
Target Compounds							
2)	A alpha-BHC	4.022	3.392	47983048	57244541	9.606	9.384
3)	MA gamma-BHC...	4.354	3.726	45921314	55484689	9.845	9.543
6)	B beta-BHC	4.541	4.021	20136931	25319410	10.164	9.832
14)	MA Endrin	6.599	5.779	159.2E6	245.0E6	50.265	51.588
16)	A 4,4'-DDD	6.731	5.924	6438292	9589900	2.141	2.095
17)	MA 4,4'-DDT	7.048	6.178	271.4E6	488.9E6	95.351	103.732
18)	B Endrin al...	6.941	6.251	681213	2848415	0.275m	0.776m#
20)	A Methoxychlor	7.523	6.751	323.0E6	587.2E6	225.571	228.149
21)	B Endrin ke...	7.658	6.979	4964711	8308141	1.480	1.502

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

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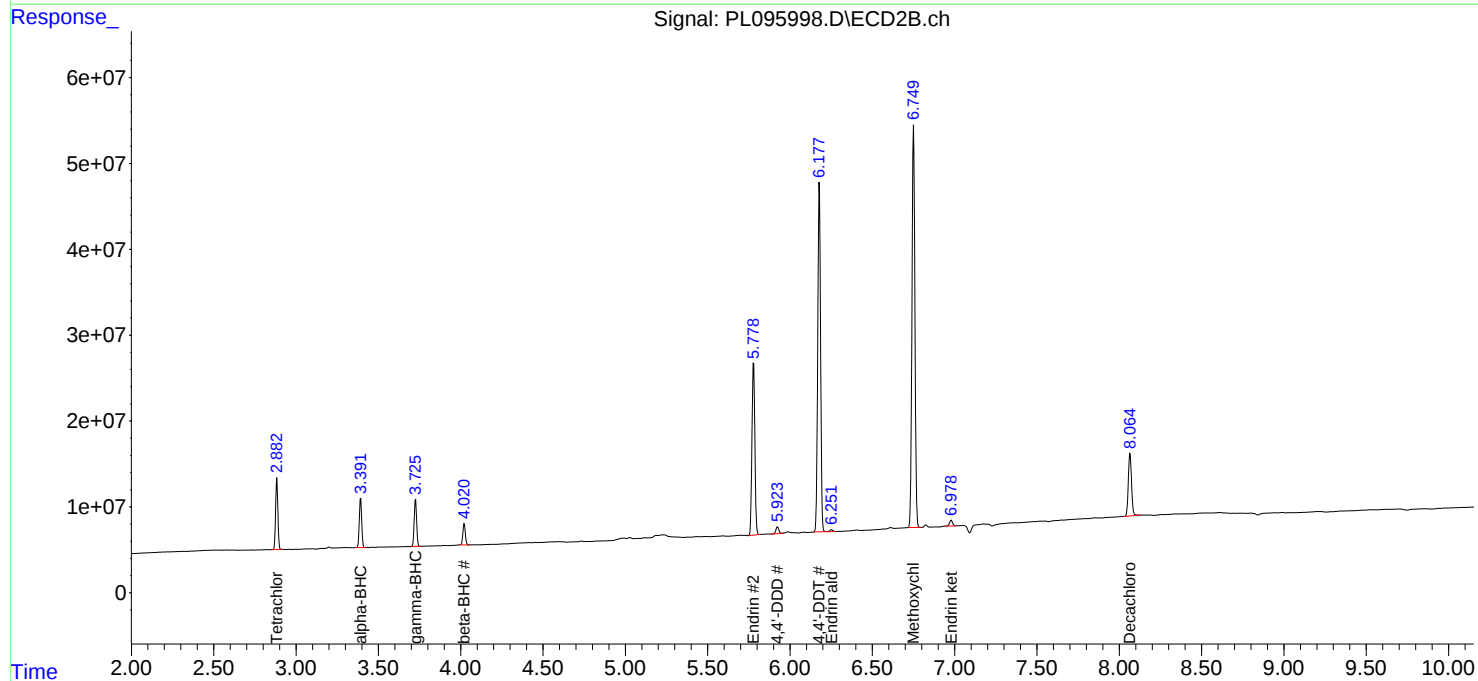
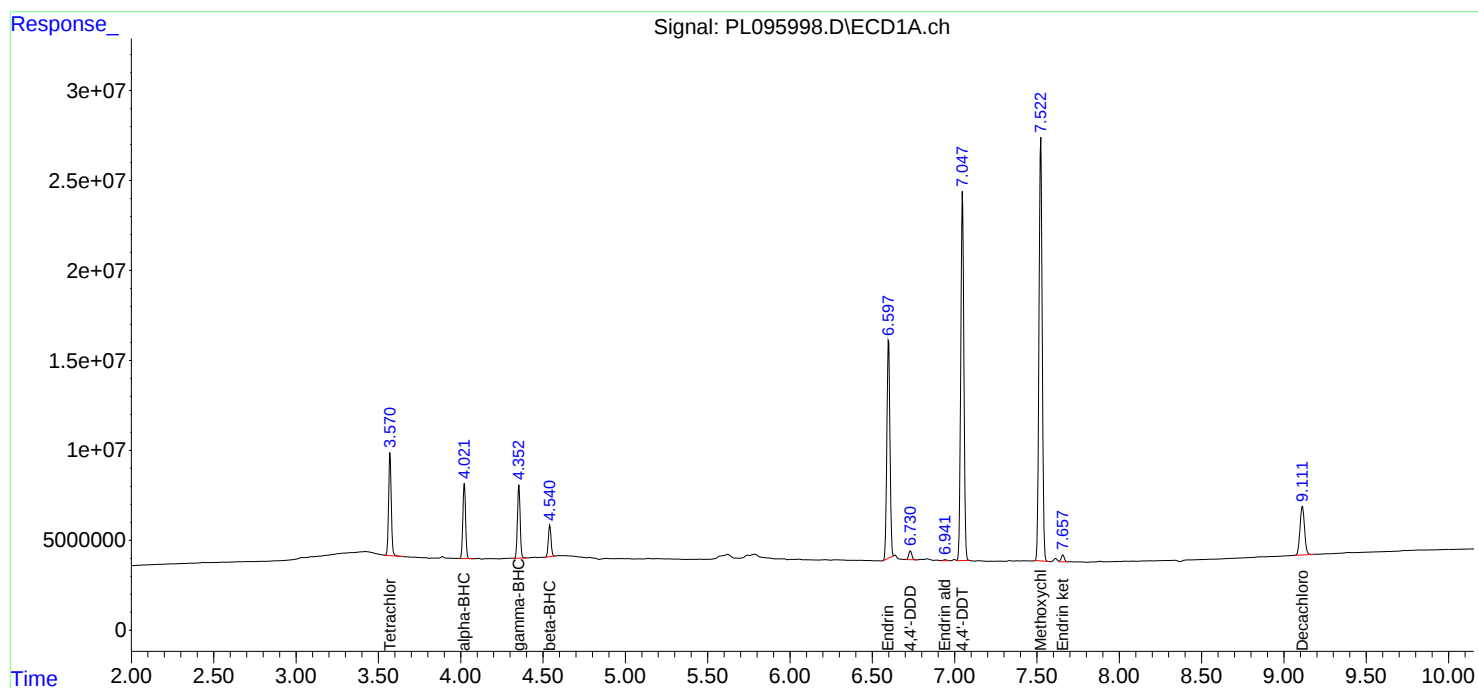
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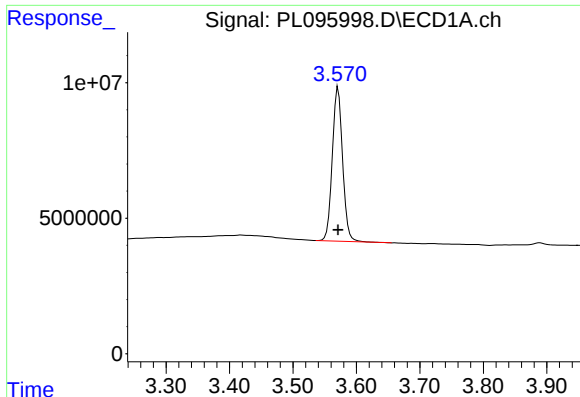
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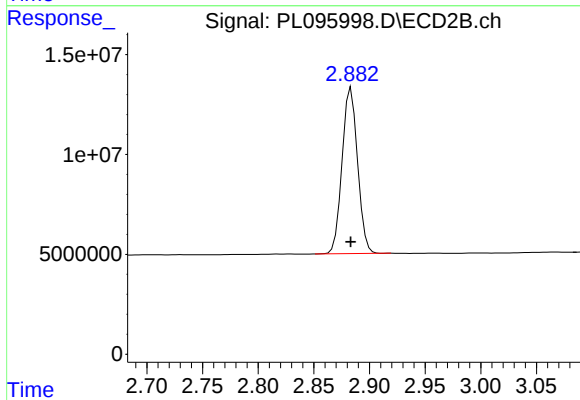
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 64210336
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

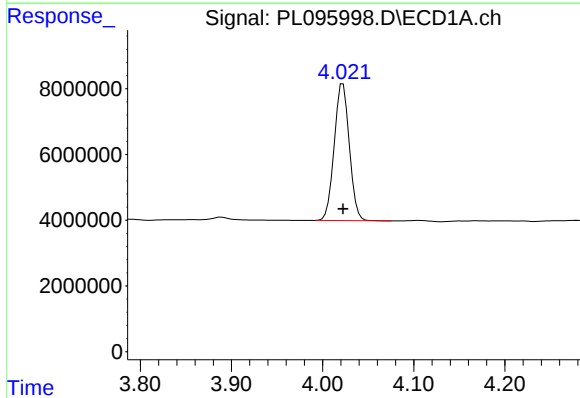
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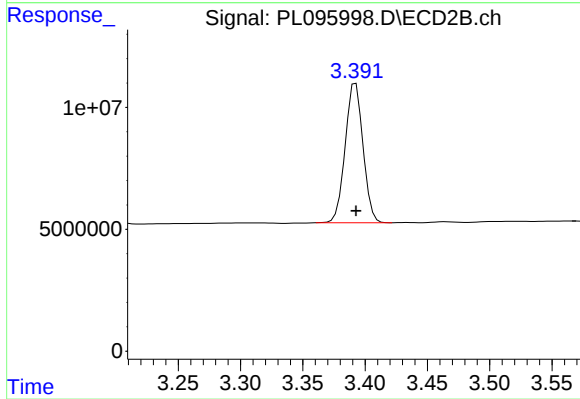
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 80383961
Conc: 19.81 ng/ml



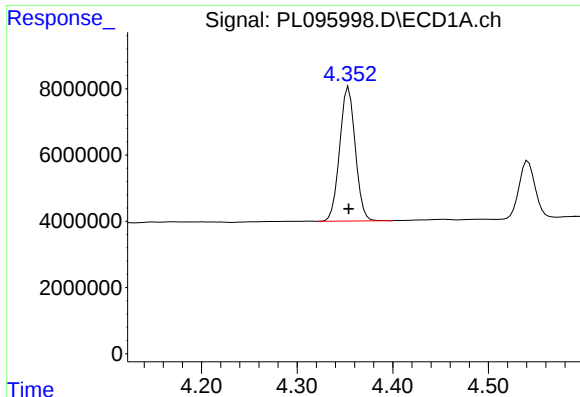
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 47983048
Conc: 9.61 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 57244541
Conc: 9.38 ng/ml



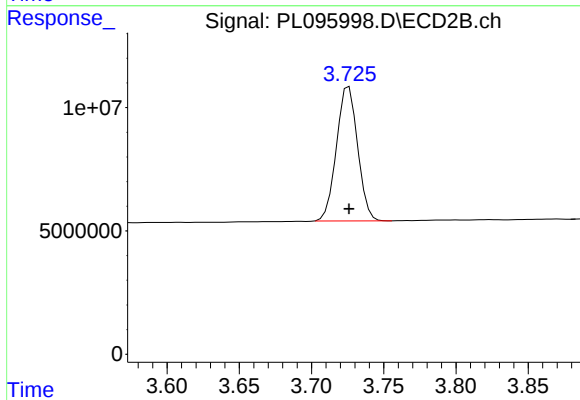
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 45921314
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

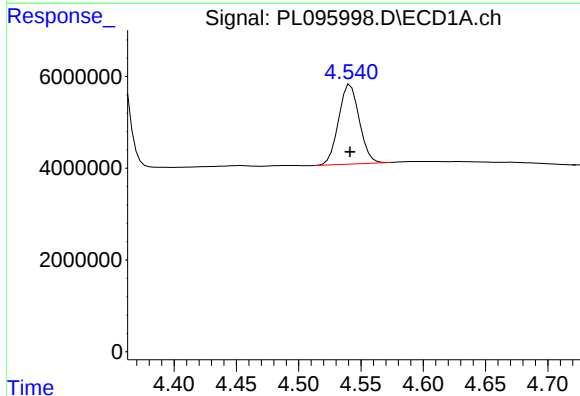
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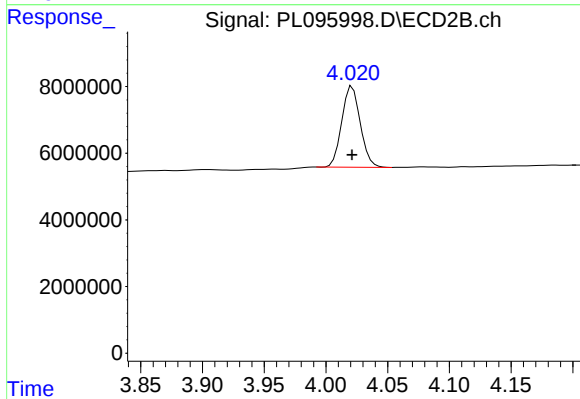
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 55484689
Conc: 9.54 ng/ml



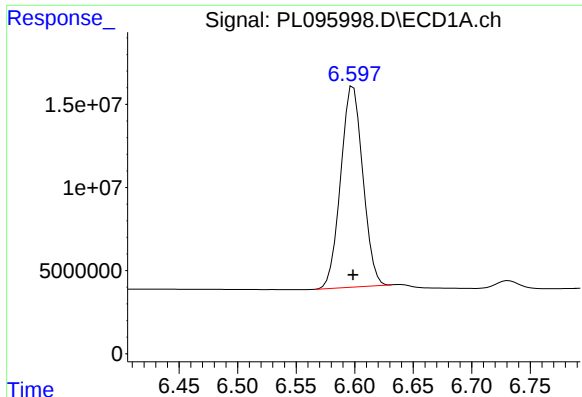
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 20136931
Conc: 10.16 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 25319410
Conc: 9.83 ng/ml



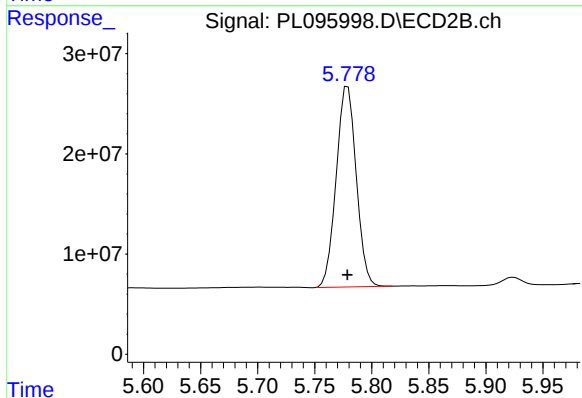
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 159203392
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

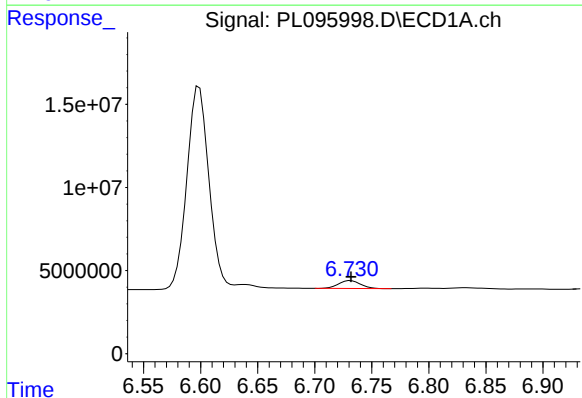
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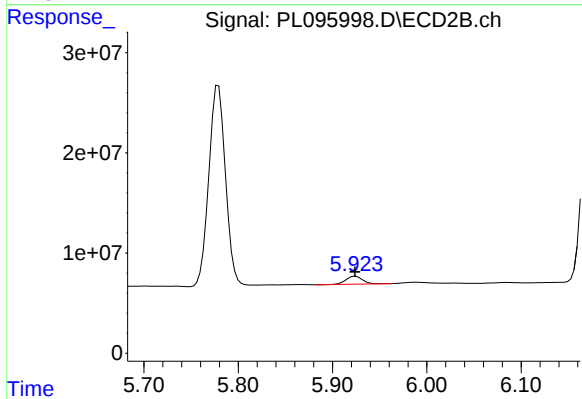
#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 245014805
Conc: 51.59 ng/ml



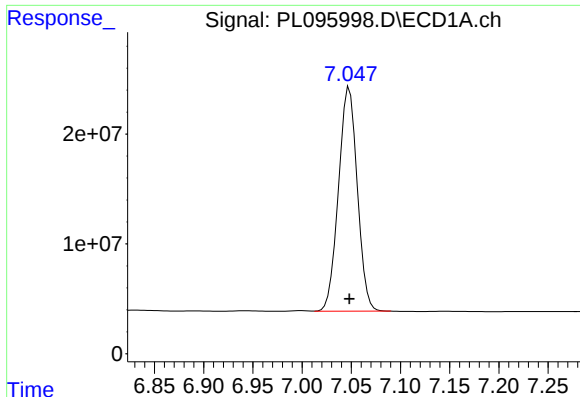
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 6438292
Conc: 2.14 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 9589900
Conc: 2.10 ng/ml



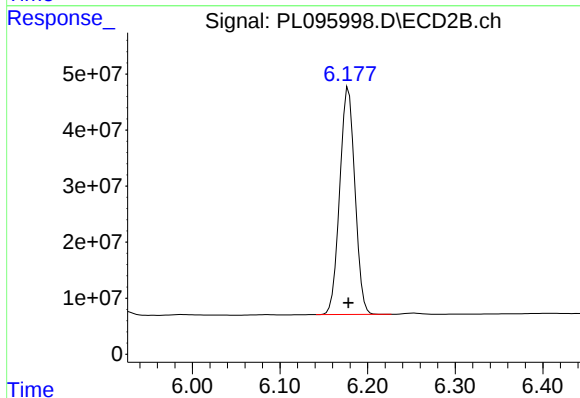
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 271420805
Conc: 95.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

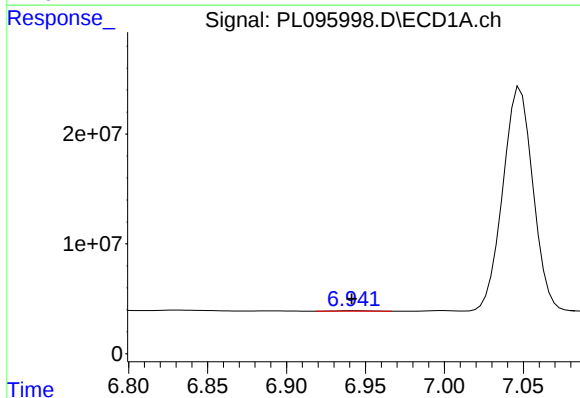
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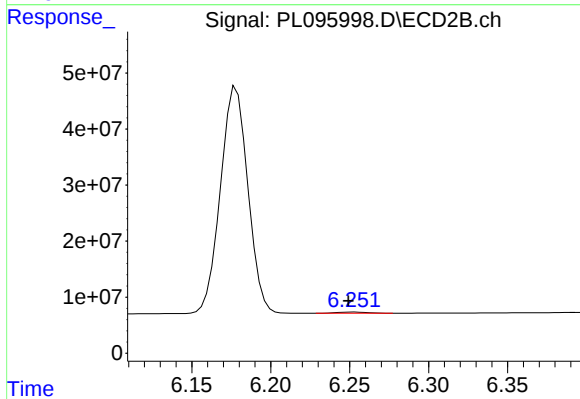
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 488925243
Conc: 103.73 ng/ml



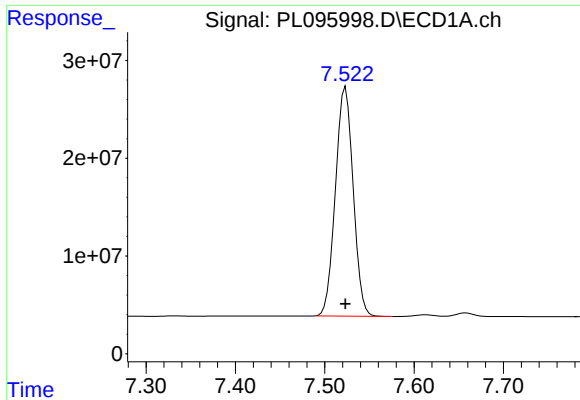
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 681213
Conc: 0.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.002 min
Response: 2848415
Conc: 0.78 ng/ml m



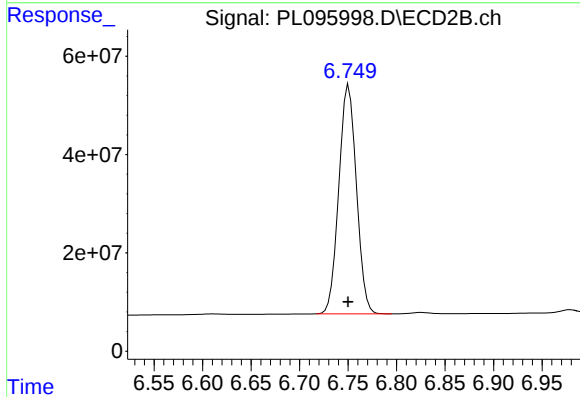
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 322976131
Conc: 225.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

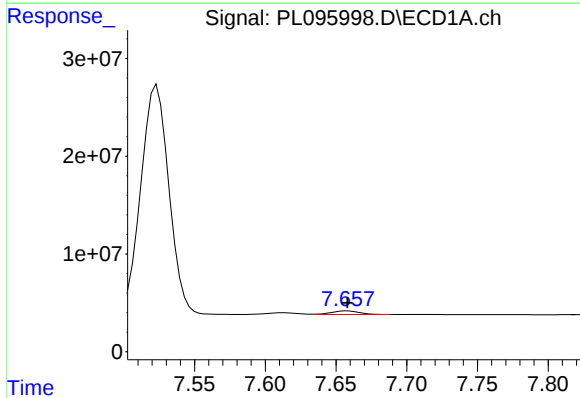
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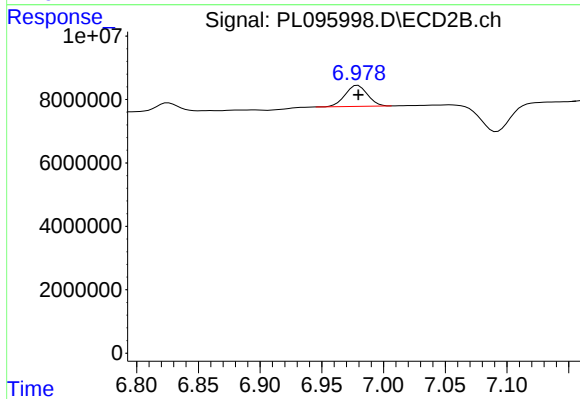
#20 Methoxychlor

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 587206192
Conc: 228.15 ng/ml



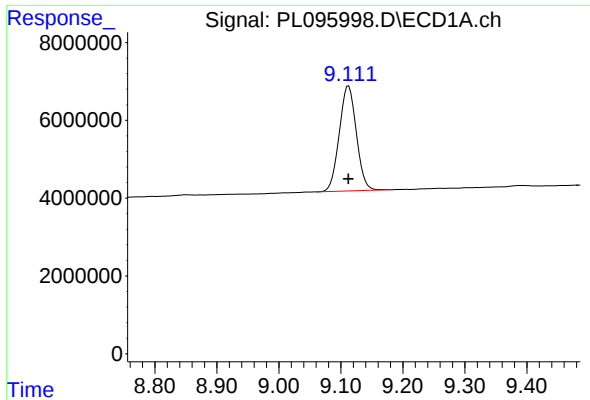
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 4964711
Conc: 1.48 ng/ml



#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 8308141
Conc: 1.50 ng/ml



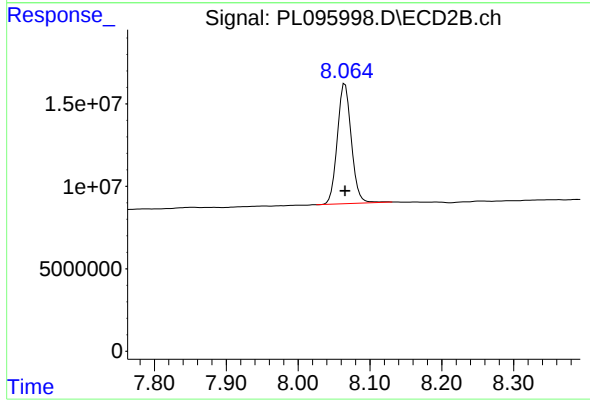
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 51690792
Conc: 21.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 98310849
Conc: 20.68 ng/ml