

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120925\
 Data File : PL097797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 09:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 13:53:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 13:50:21 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...	3.500	2.800	109.9E6	148.7E6	21.777	21.281
28)	SA Decachlor...	8.959	7.948	89524791	149.0E6	23.562	22.652
Target Compounds							
2)	A alpha-BHC	3.946	3.302	83224700	108.6E6	9.841	9.467
3)	MA gamma-BHC...	4.274	3.633	80293186	104.3E6	10.016	9.697
6)	B beta-BHC	4.463	3.929	34450068	46644252	10.289	10.061
14)	MA Endrin	6.501	5.669	274.6E6	433.2E6	53.024	51.841
16)	A 4,4'-DDD	6.634	5.817	5449177	6389551	1.176m	0.852 #
17)	MA 4,4'-DDT	6.950	6.069	517.1E6	817.3E6	107.941	106.548
18)	B Endrin al...	6.843	6.141	968427	6755392	0.246m	1.058m#
20)	A Methoxychlor	7.422	6.641	635.5E6	938.7E6	252.495	224.617
21)	B Endrin ke...	7.554	6.864	3090478	9209210	0.595m	1.032m#

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

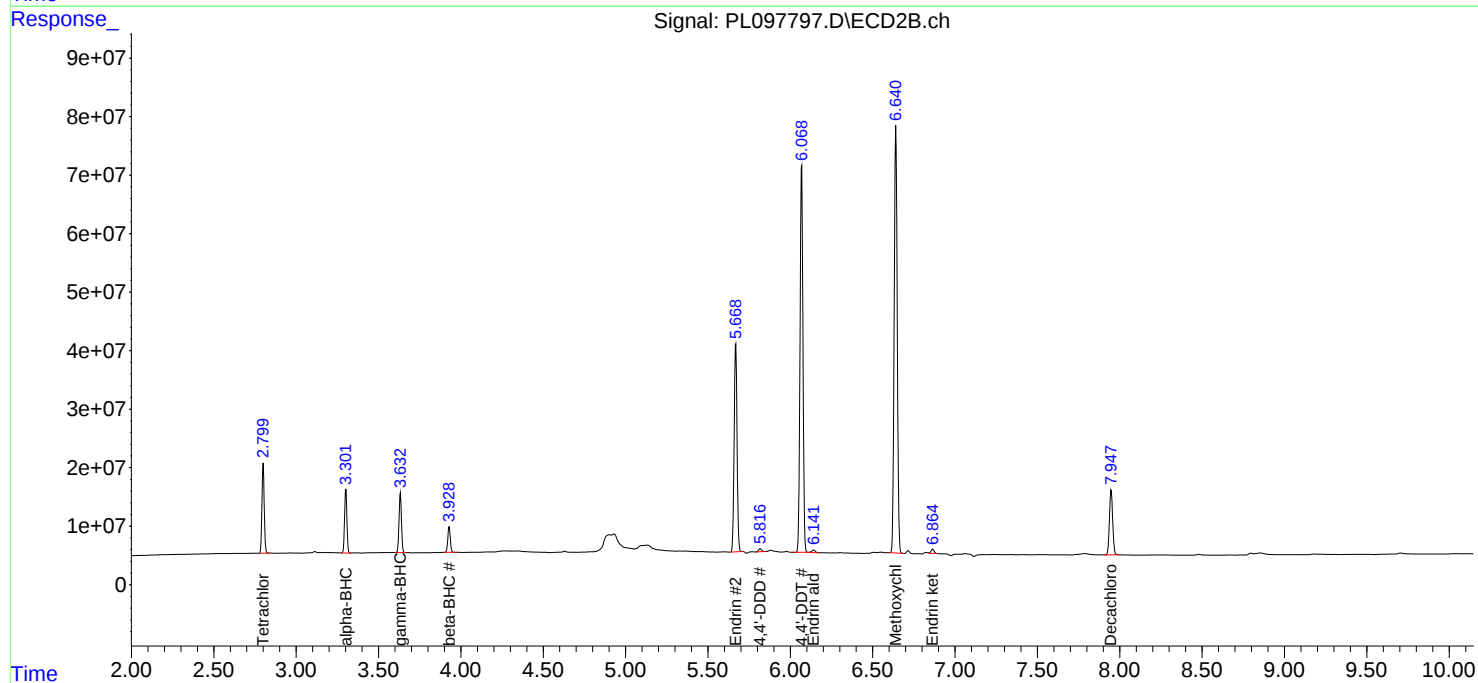
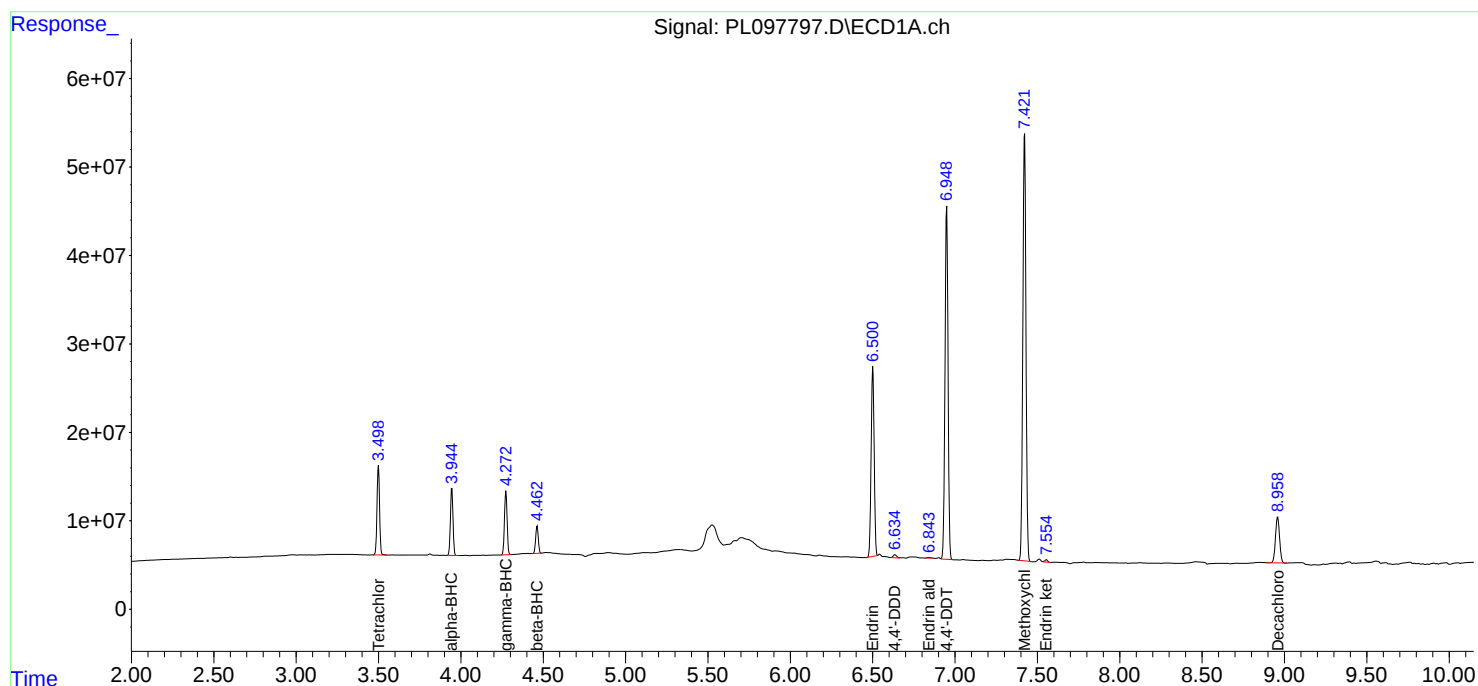
Instrument :
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ClientSampleId :
PEM

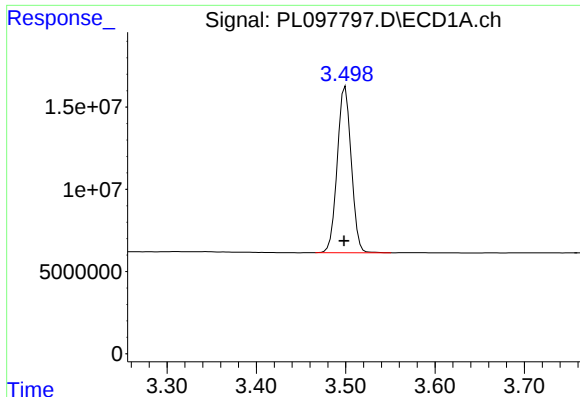
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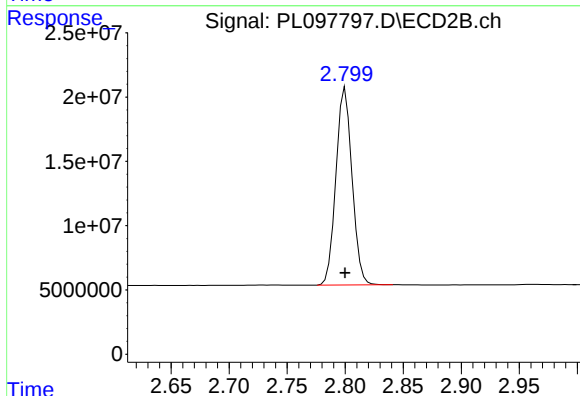
#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: 0.002 min
Response: 109908194
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

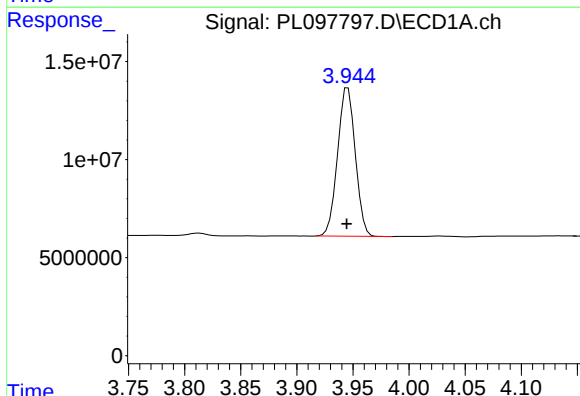
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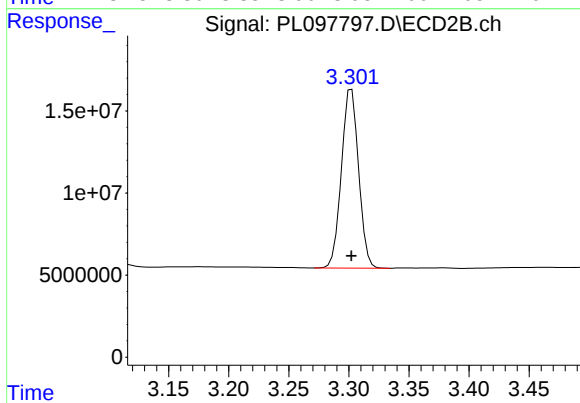
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 148652313
Conc: 21.28 ng/ml



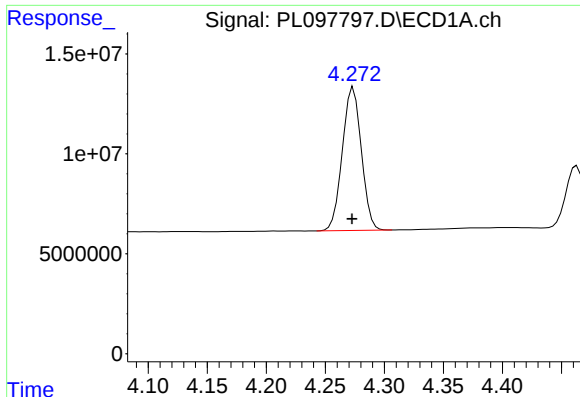
#2 alpha-BHC

R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 83224700
Conc: 9.84 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 108623421
Conc: 9.47 ng/ml



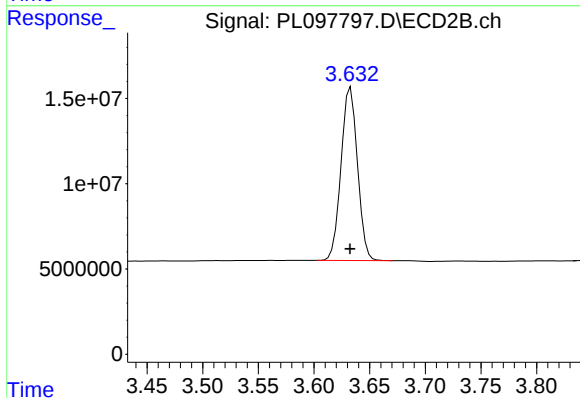
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.001 min
Response: 80293186
Conc: 10.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

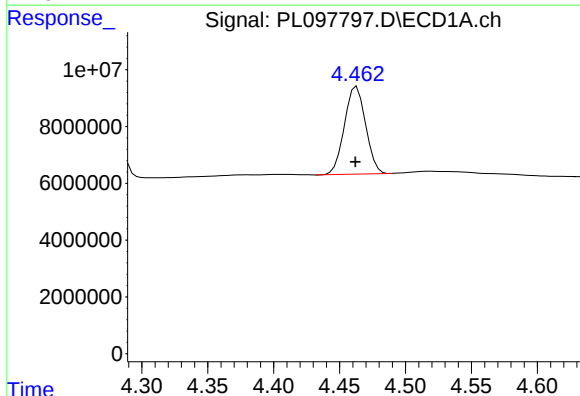
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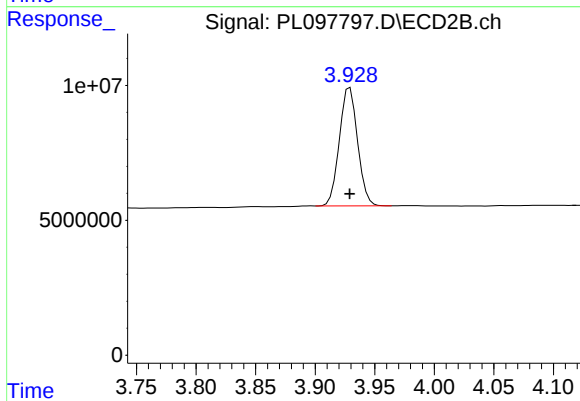
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 104301259
Conc: 9.70 ng/ml



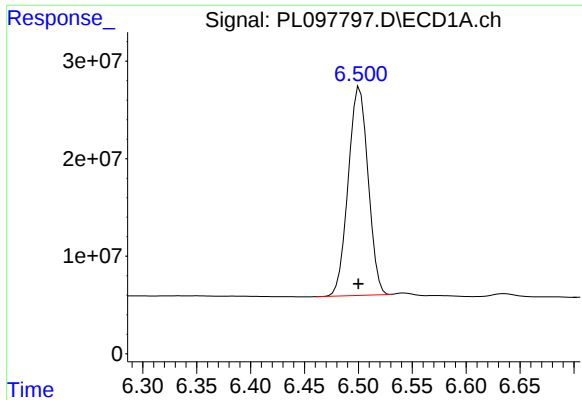
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.001 min
Response: 34450068
Conc: 10.29 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 46644252
Conc: 10.06 ng/ml



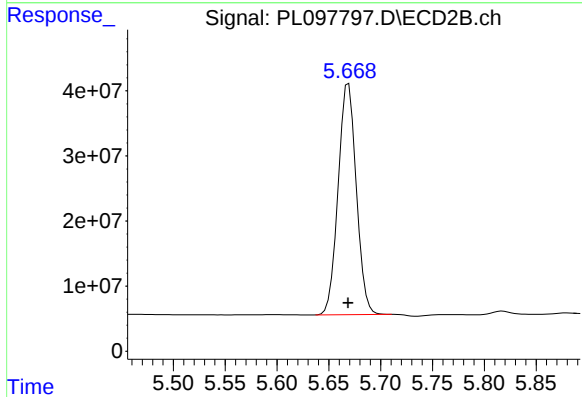
#14 Endrin

R.T.: 6.501 min
Delta R.T.: 0.001 min
Response: 274637131
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

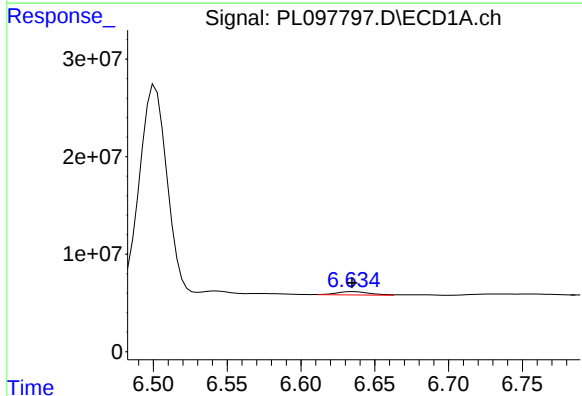
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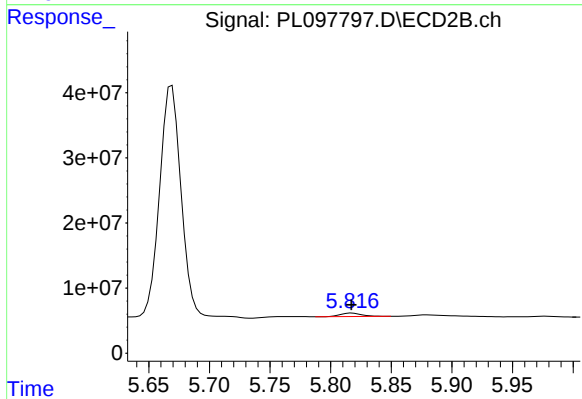
#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 433236966
Conc: 51.84 ng/ml



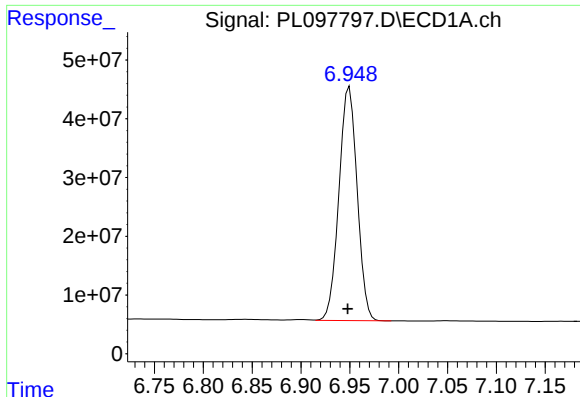
#16 4,4'-DDD

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 5449177
Conc: 1.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 6389551
Conc: 0.85 ng/ml



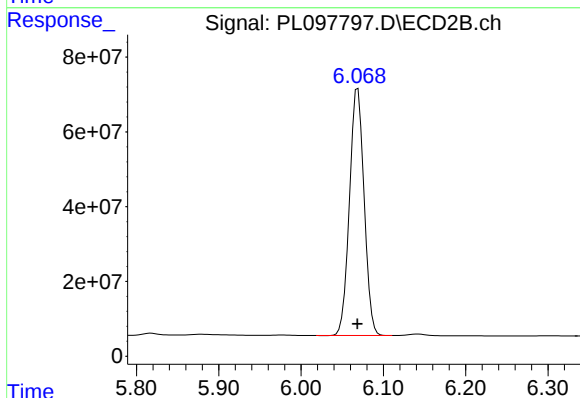
#17 4,4'-DDT

R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 517072032
Conc: 107.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

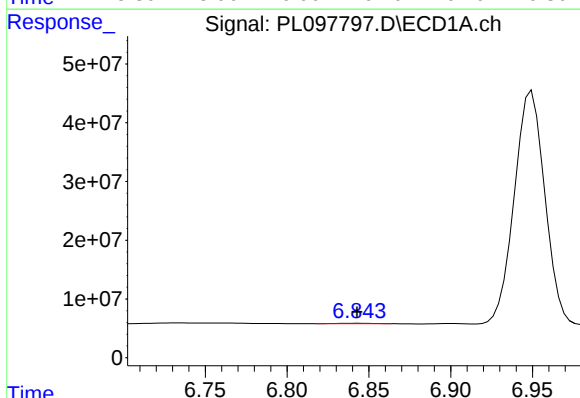
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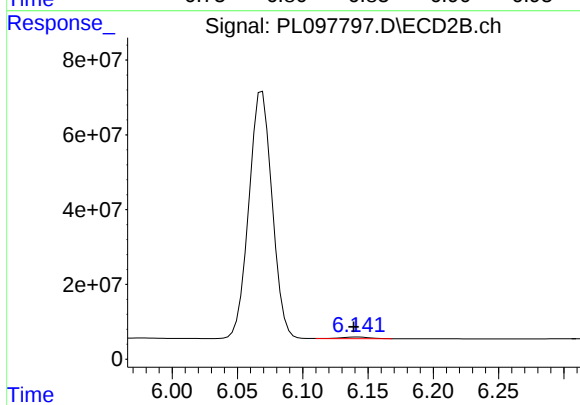
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 817298147
Conc: 106.55 ng/ml



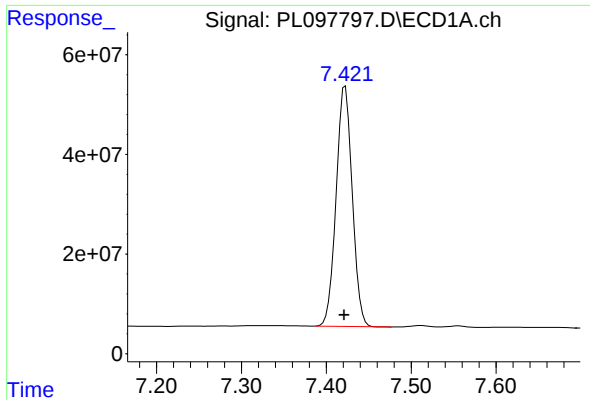
#18 Endrin aldehyde

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 968427
Conc: 0.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 6755392
Conc: 1.06 ng/ml m



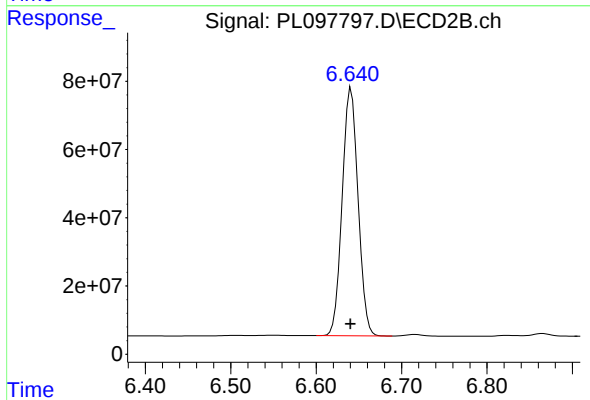
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.002 min
Response: 635500151
Conc: 252.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

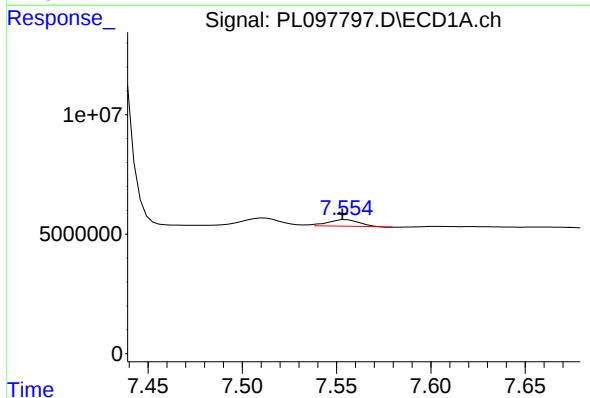
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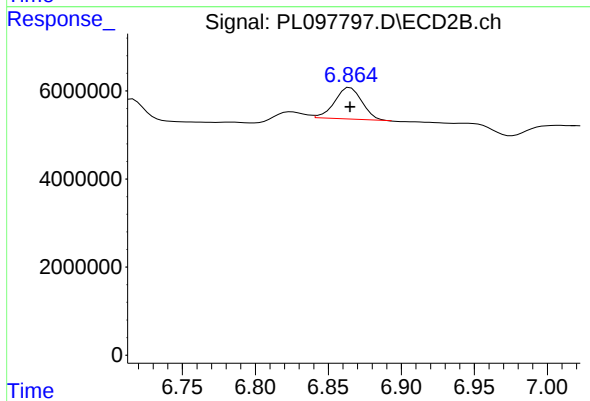
#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: 0.001 min
Response: 938668047
Conc: 224.62 ng/ml



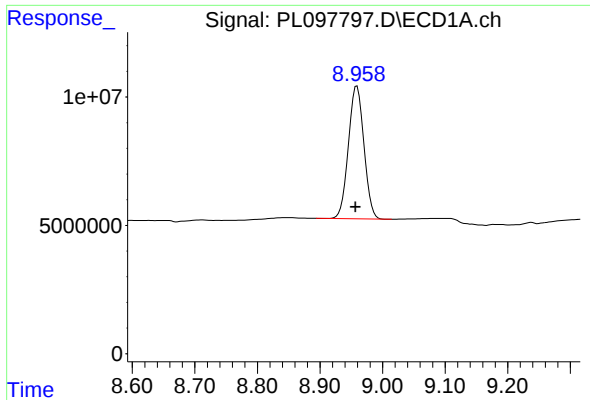
#21 Endrin ketone

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 3090478
Conc: 0.59 ng/ml m



#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 9209210
Conc: 1.03 ng/ml m



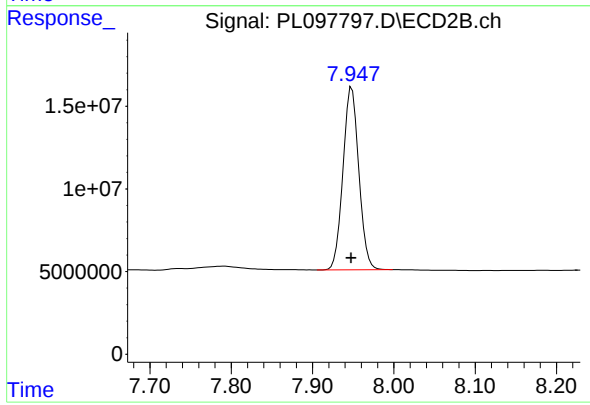
#28 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: 0.002 min
Response: 89524791
Conc: 23.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 148958541
Conc: 22.65 ng/ml