

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112525\
 Data File : PL097757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 17:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 18:16:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 25 17:56:07 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...	3.503	2.802	95801110	134.7E6	18.697	18.830
28)	SA Decachlor...	8.966	7.950	64525132	99988607	20.103	21.244
Target Compounds							
2)	A alpha-BHC	3.950	3.305	70205187	96841996	8.275	8.454
3)	MA gamma-BHC...	4.278	3.635	67885471	89409053	8.709	8.711
6)	B beta-BHC	4.467	3.932	29466075	40107528	9.024m	9.066
14)	MA Endrin	6.506	5.671	206.4E6	346.9E6	44.841	45.136
16)	A 4,4'-DDD	6.641	5.820	8306331	10402437	1.951	1.538
17)	MA 4,4'-DDT	6.955	6.071	355.9E6	550.0E6	97.548	111.595
18)	B Endrin al...	6.848	6.145	1679638	19705442	0.462m	3.619 #
20)	A Methoxychlor	7.428	6.644	446.5E6	648.6E6	236.606	241.464
21)	B Endrin ke...	7.561	6.866	4787250	10100301	1.097	1.386m#

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

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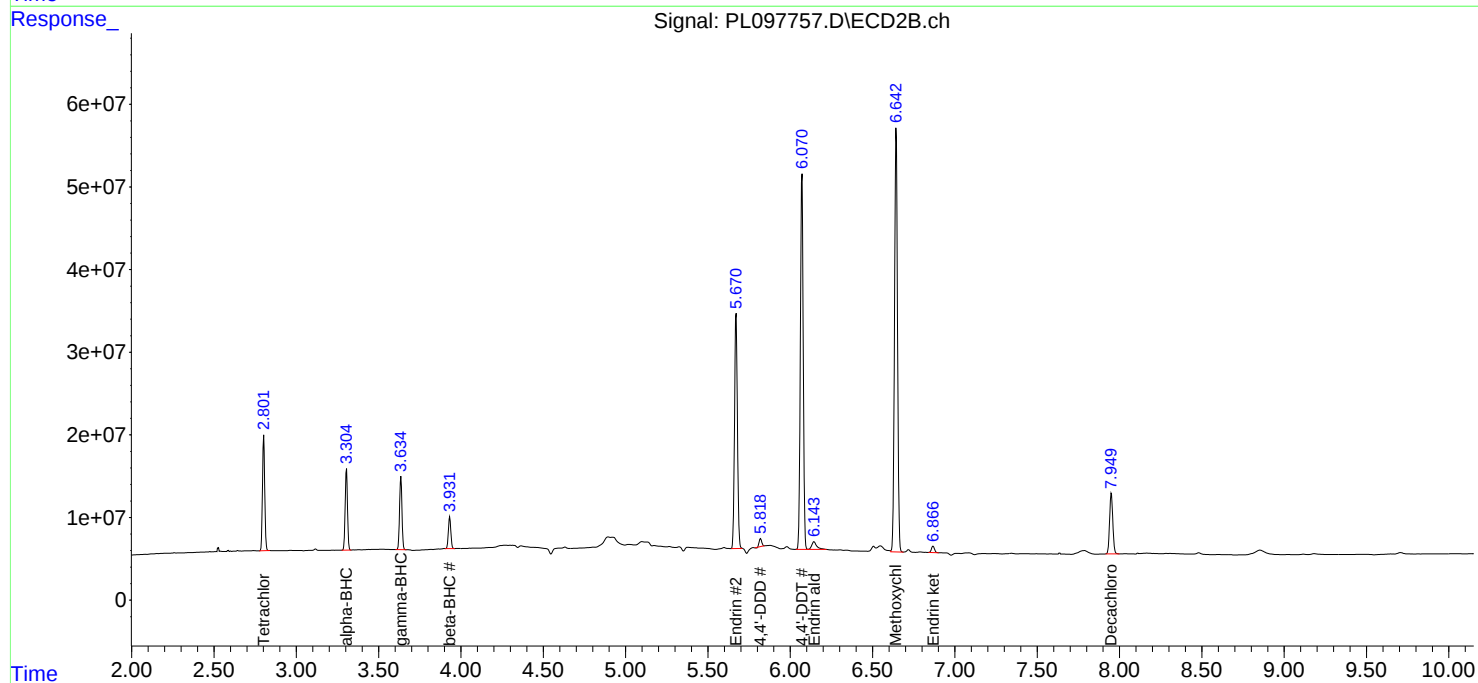
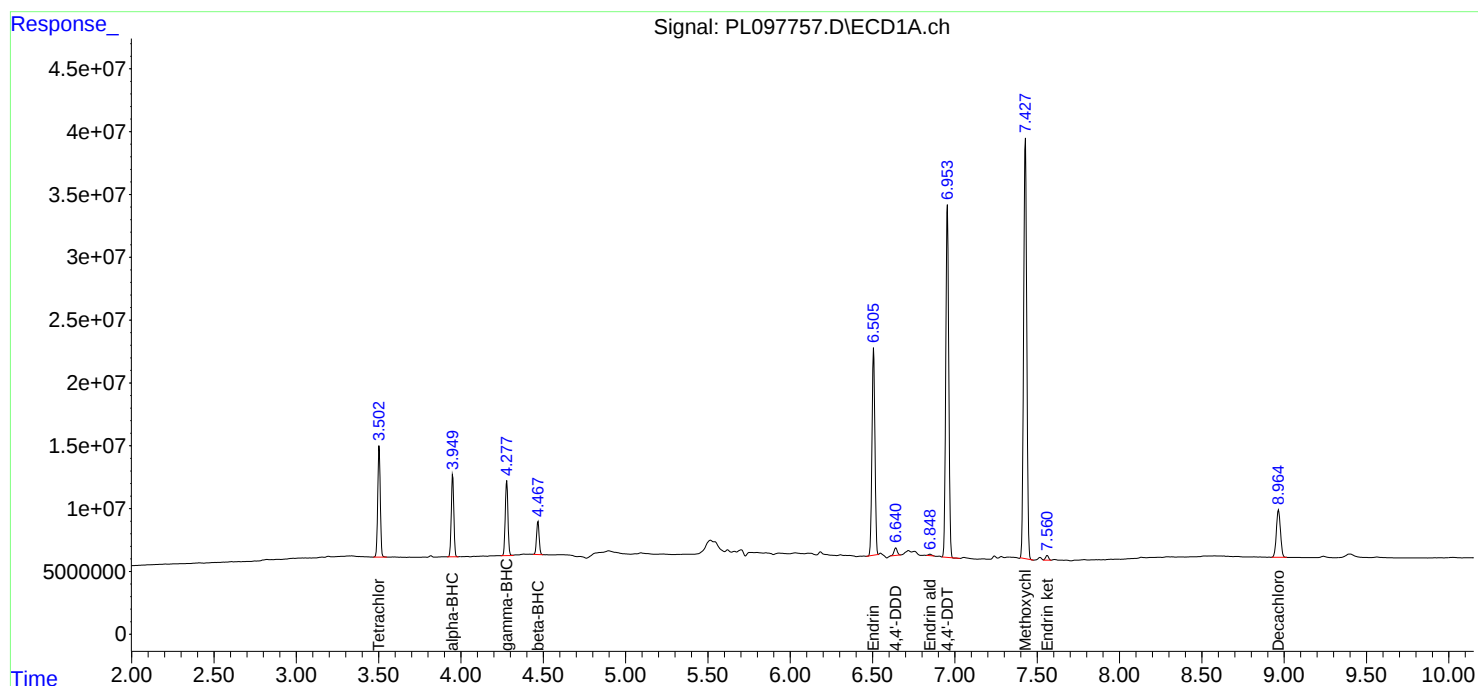
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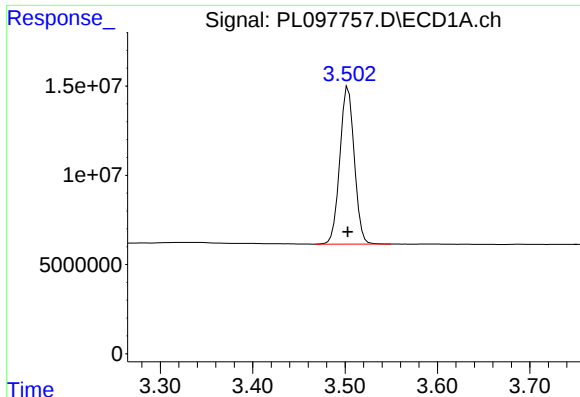
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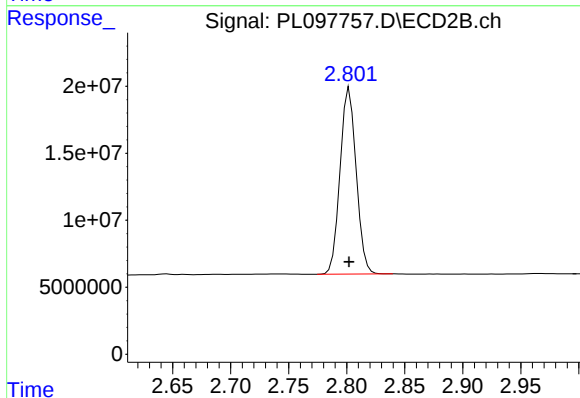
#1 Tetrachloro-m-xylene

R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 95801110
Conc: 18.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

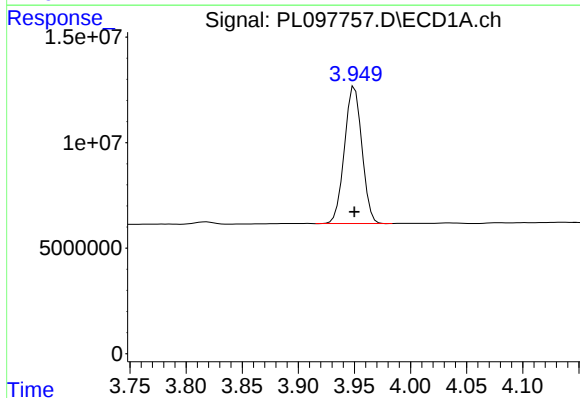
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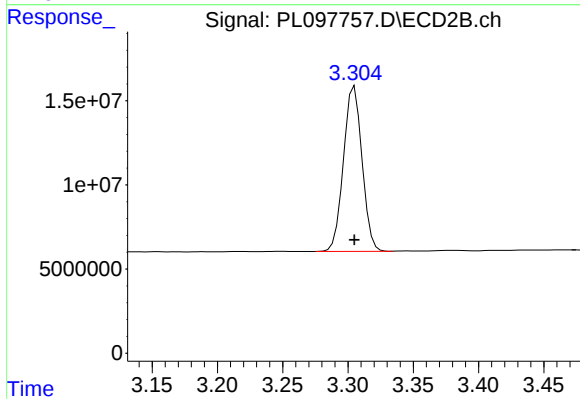
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 134691284
Conc: 18.83 ng/ml



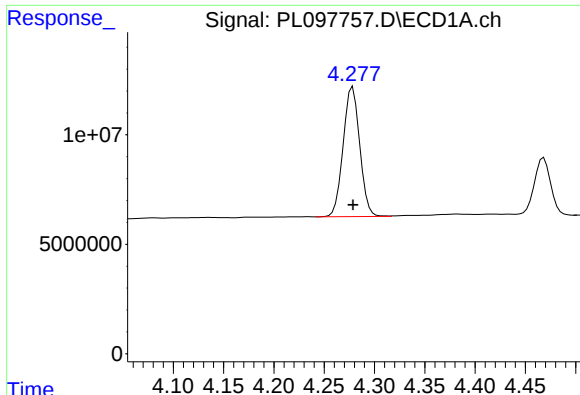
#2 alpha-BHC

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 70205187
Conc: 8.28 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 96841996
Conc: 8.45 ng/ml



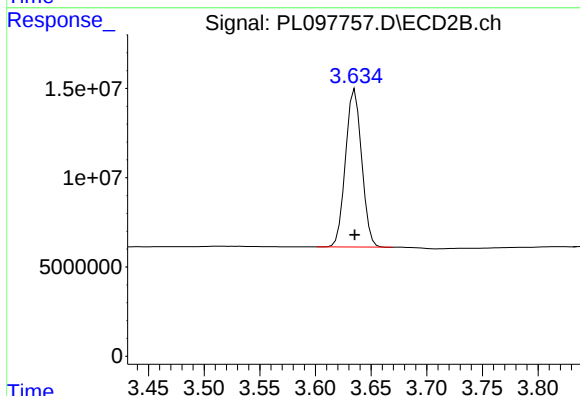
#3 gamma-BHC (Lindane)

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 67885471
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

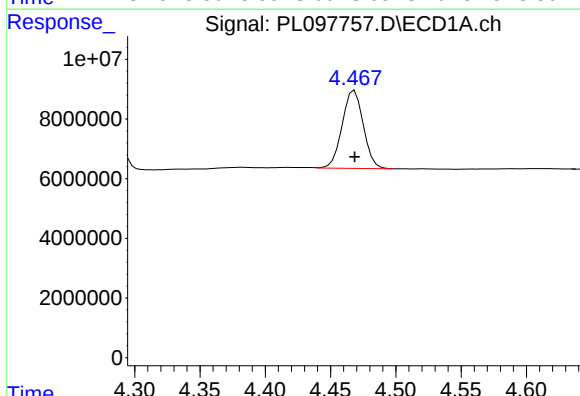
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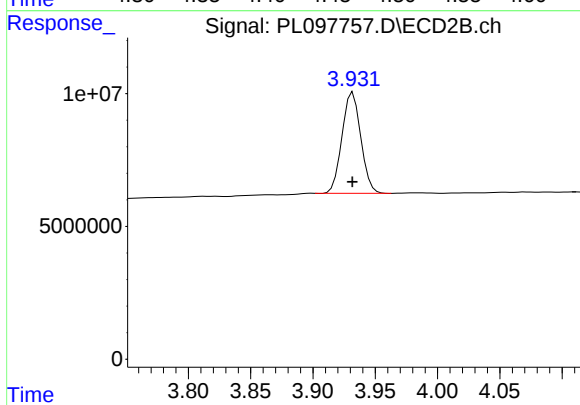
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 89409053
Conc: 8.71 ng/ml



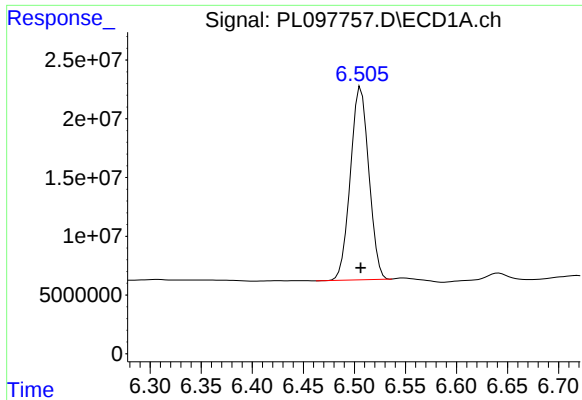
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: -0.002 min
Response: 29466075
Conc: 9.02 ng/ml m



#6 beta-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 40107528
Conc: 9.07 ng/ml



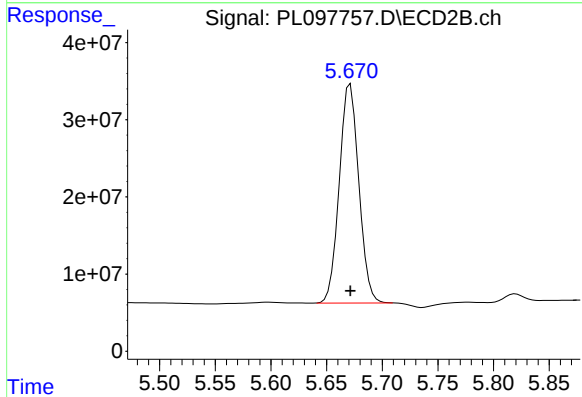
#14 Endrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 206427591
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

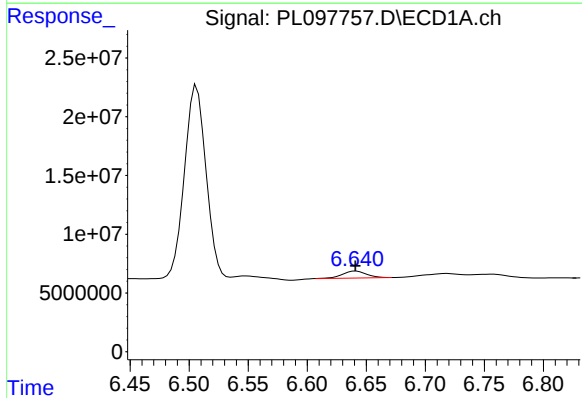
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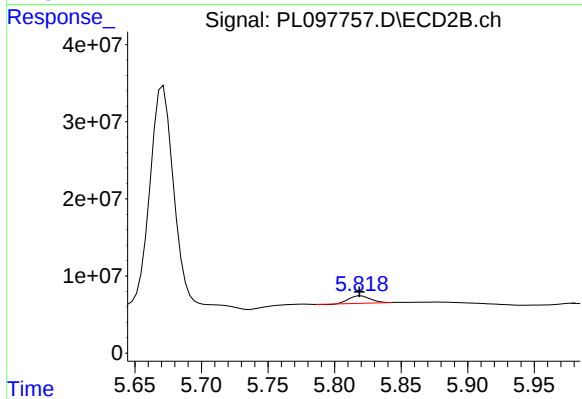
#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 346920626
Conc: 45.14 ng/ml



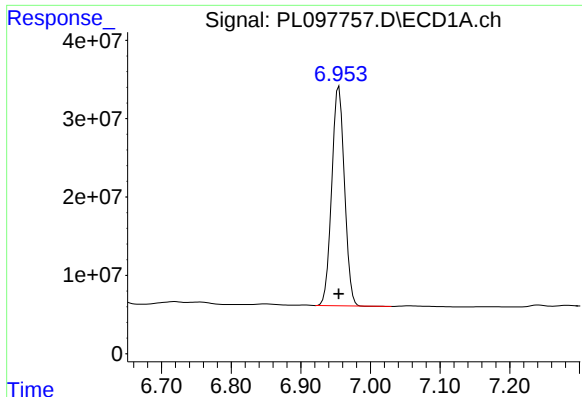
#16 4,4'-DDD

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 8306331
Conc: 1.95 ng/ml



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.001 min
Response: 10402437
Conc: 1.54 ng/ml



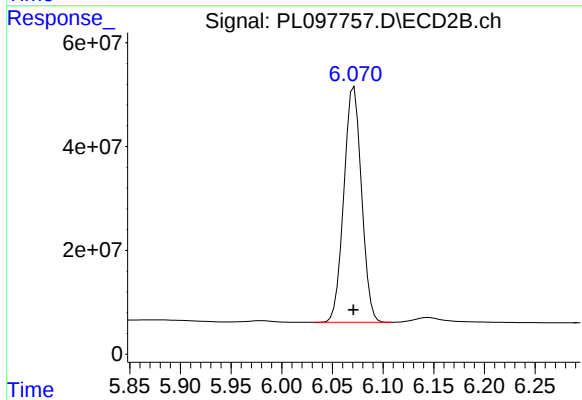
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 355946488
Conc: 97.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

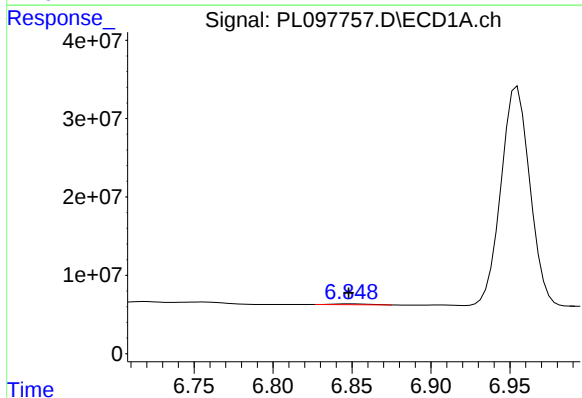
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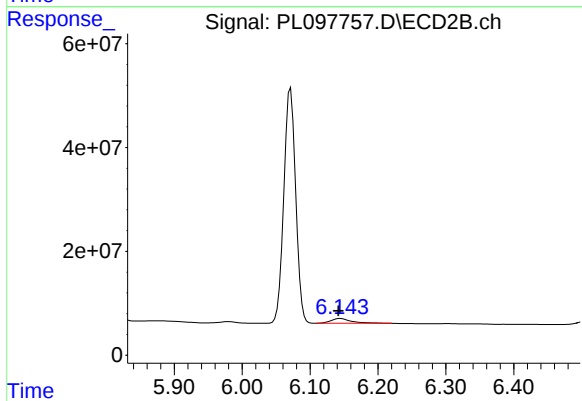
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 549964237
Conc: 111.60 ng/ml



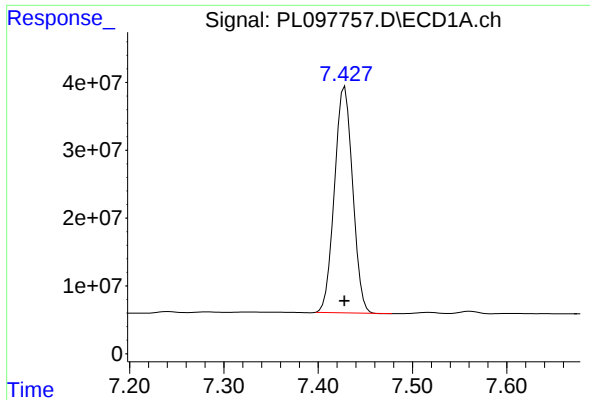
#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1679638
Conc: 0.46 ng/ml m



#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 19705442
Conc: 3.62 ng/ml



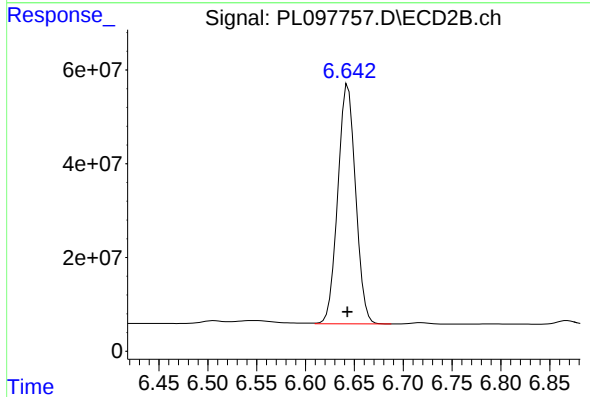
#20 Methoxychlor

R.T.: 7.428 min
Delta R.T.: 0.000 min
Response: 446548112
Conc: 236.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

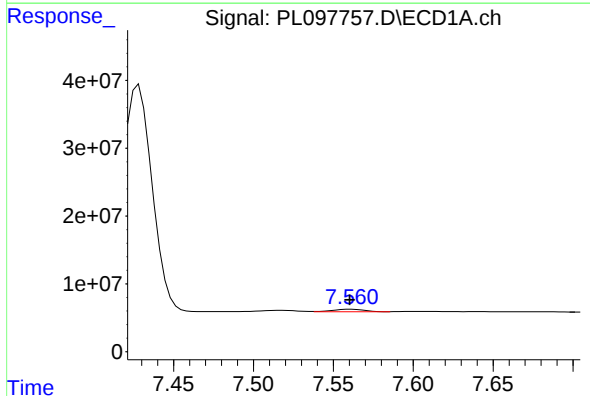
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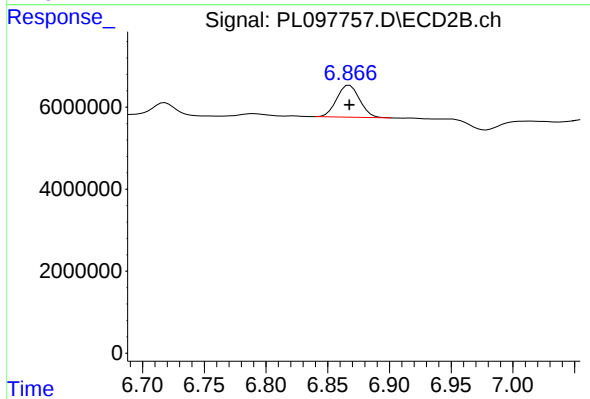
#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 648624500
Conc: 241.46 ng/ml



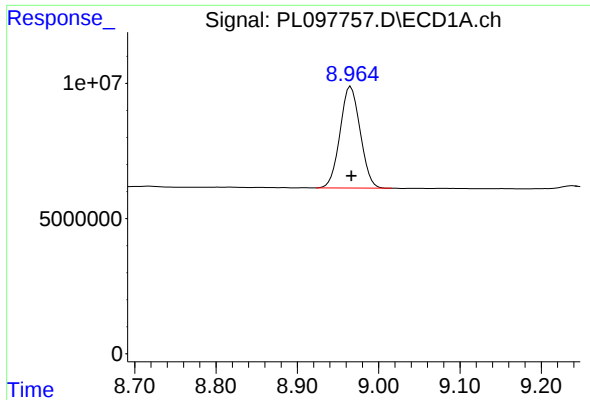
#21 Endrin ketone

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 4787250
Conc: 1.10 ng/ml



#21 Endrin ketone

R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 10100301
Conc: 1.39 ng/ml m



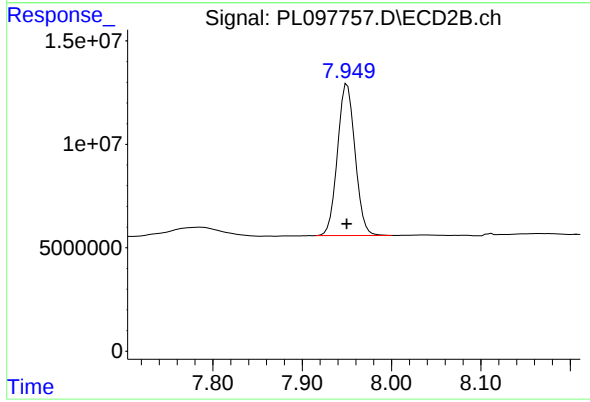
#28 Decachlorobiphenyl

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 64525132
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 99988607
Conc: 21.24 ng/ml