

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 08:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:21:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.828	78657602	129.9E6	21.556	22.510
28)	SA Decachlor...	9.019	7.993	55938758	104.2E6	19.885	20.896
Target Compounds							
2)	A alpha-BHC	3.984	3.333	53530501	94648648	10.408	11.222
3)	MA gamma-BHC...	4.312	3.665	54470261	89381770	10.939	11.349
6)	B beta-BHC	4.498	3.961	23804444	40607086	11.451	11.860
14)	MA Endrin	6.544	5.709	178.8E6	341.4E6	57.494	55.991
16)	A 4,4'-DDD	6.677	5.857	11614128	16683239	3.989	3.253
17)	MA 4,4'-DDT	6.991	6.109	311.1E6	616.7E6	102.488	107.538
18)	B Endrin al...	6.886	6.181	3119823	11177604	1.396m	2.509 #
20)	A Methoxychlor	7.464	6.682	382.9E6	714.4E6	243.046	235.157
21)	B Endrin ke...	7.598	6.906	6615920	11410119	2.004	1.825

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

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Sample : PEM
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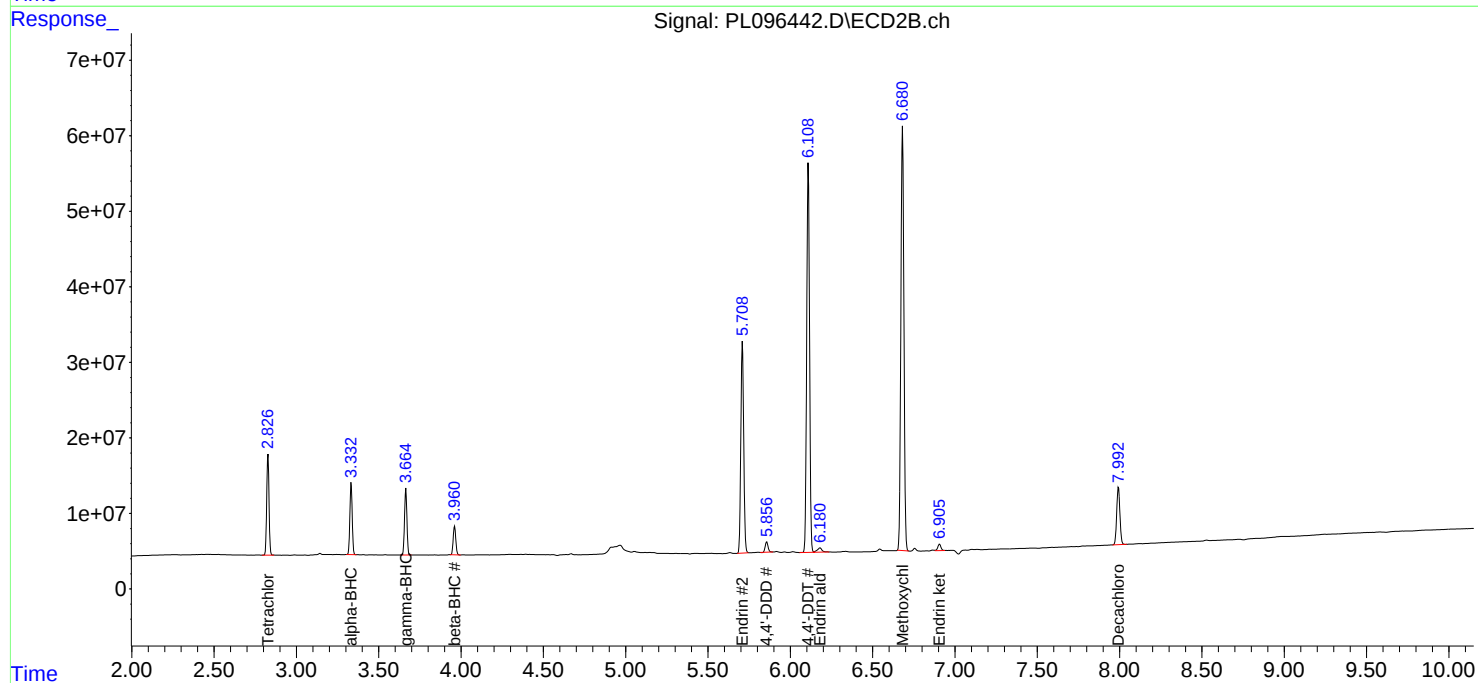
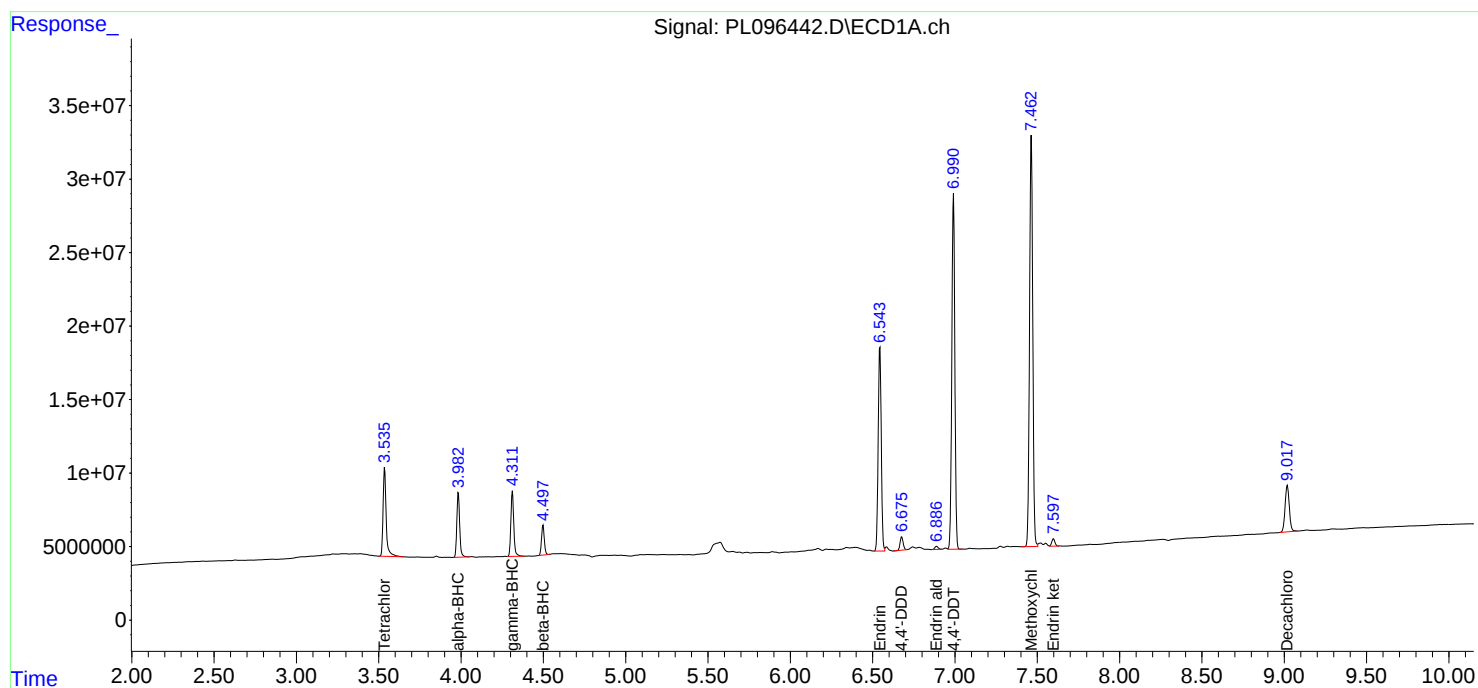
Instrument :
ECD_L
ClientSampleId :
PEM

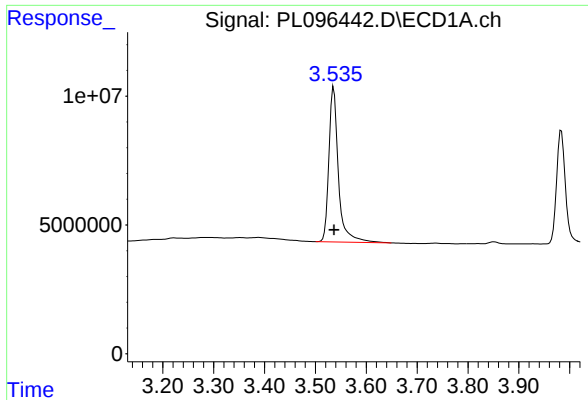
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Integration File signal 1: autoint1.e
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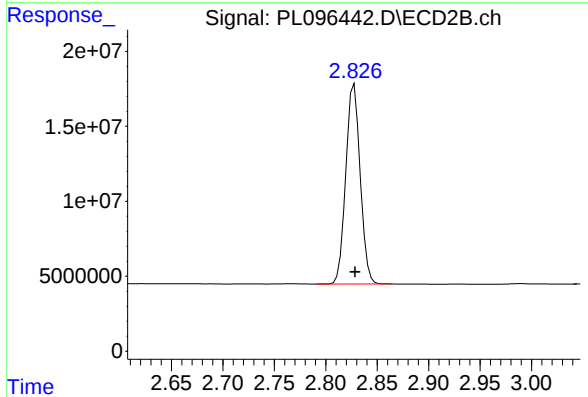
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 78657602
Conc: 21.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

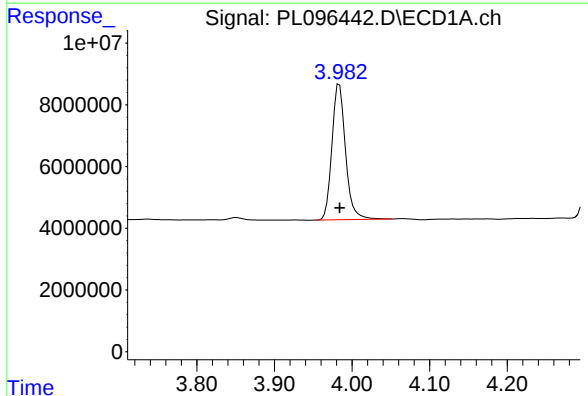
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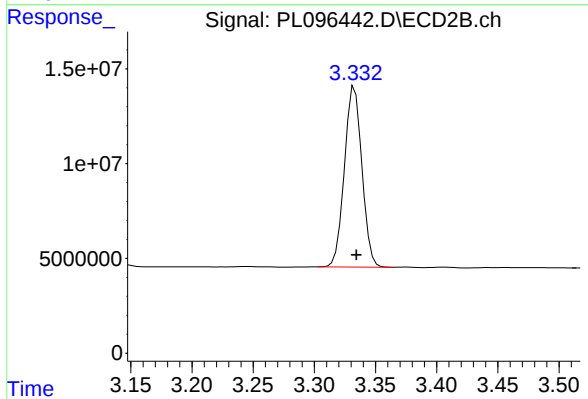
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 129910583
Conc: 22.51 ng/ml



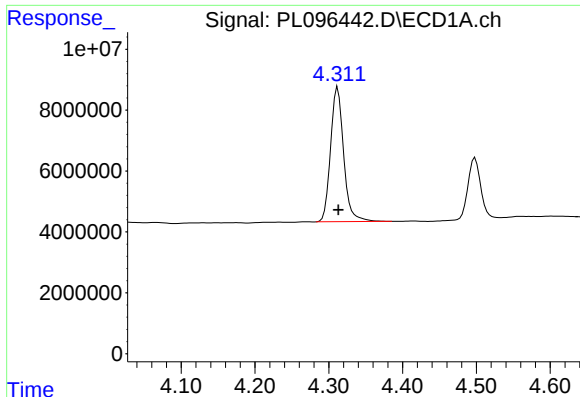
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 53530501
Conc: 10.41 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 94648648
Conc: 11.22 ng/ml



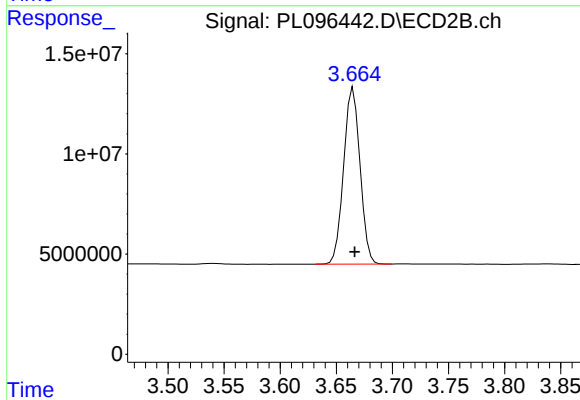
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 54470261
Conc: 10.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

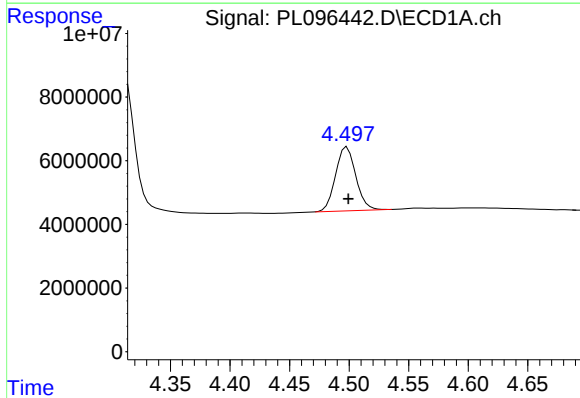
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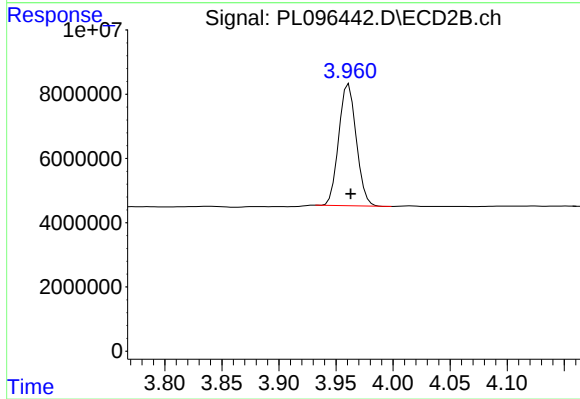
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 89381770
Conc: 11.35 ng/ml



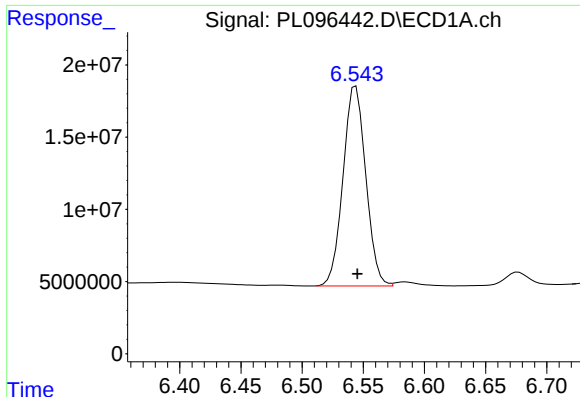
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 23804444
Conc: 11.45 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 40607086
Conc: 11.86 ng/ml



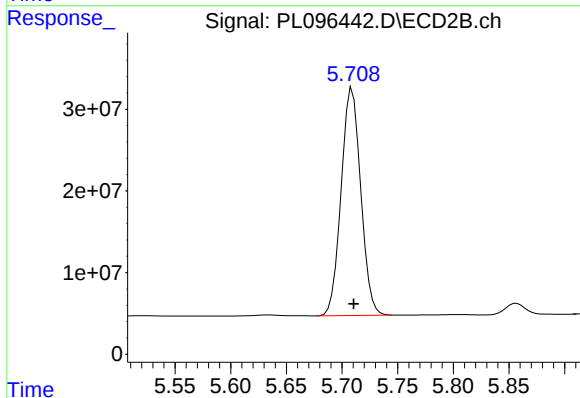
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 178819956
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

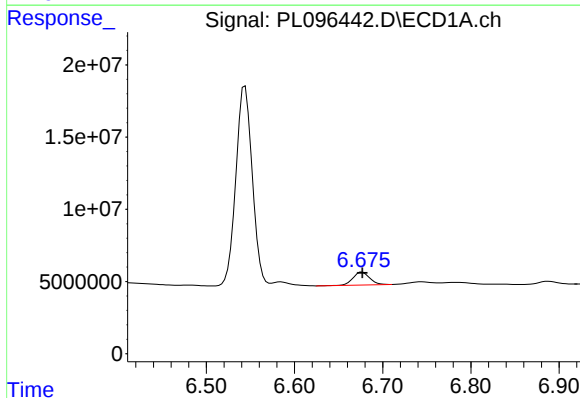
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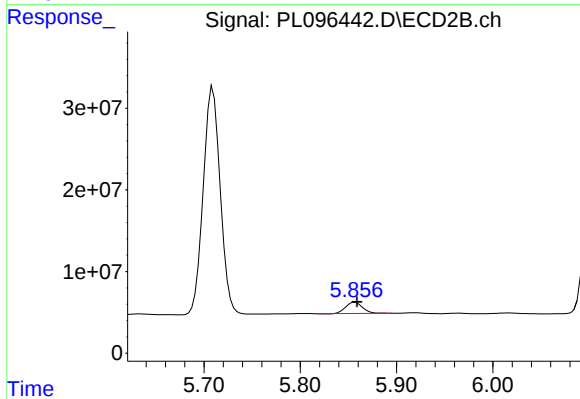
#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 341350071
Conc: 55.99 ng/ml



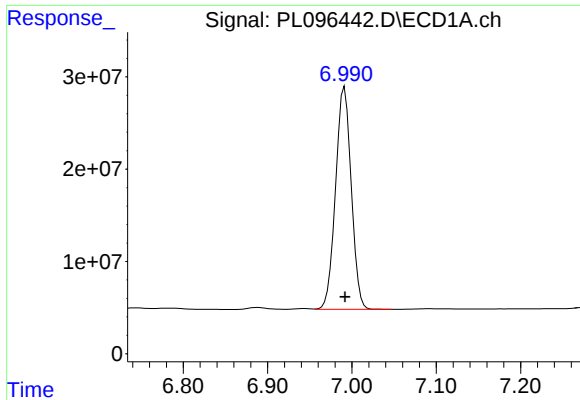
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 11614128
Conc: 3.99 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 16683239
Conc: 3.25 ng/ml



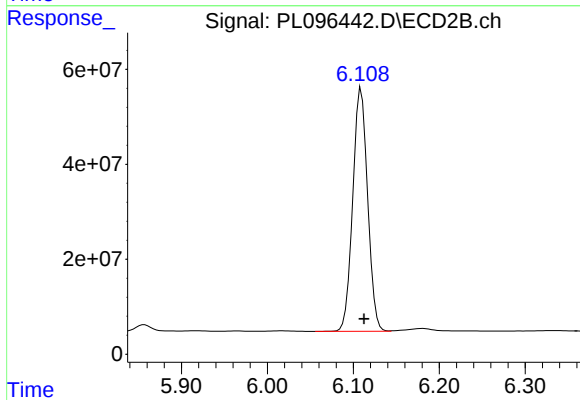
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 311072156
Conc: 102.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

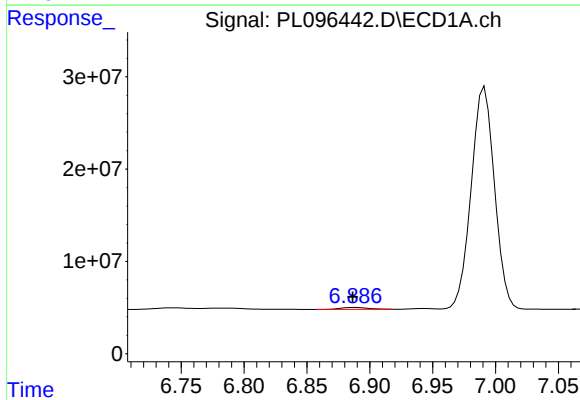
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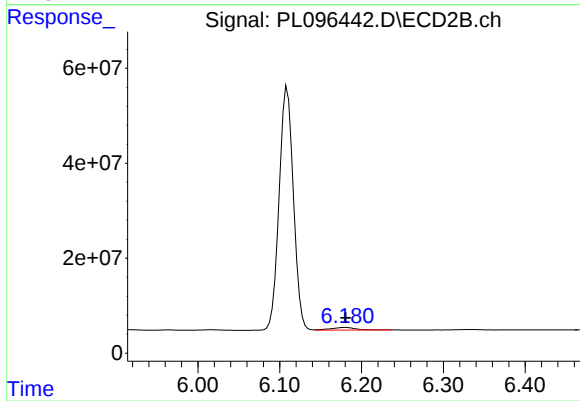
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 616743456
Conc: 107.54 ng/ml



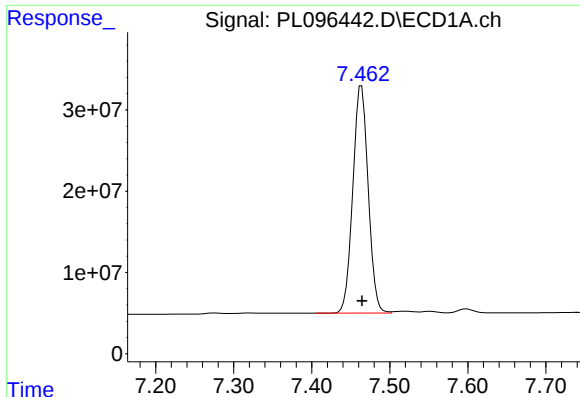
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 3119823
Conc: 1.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 11177604
Conc: 2.51 ng/ml



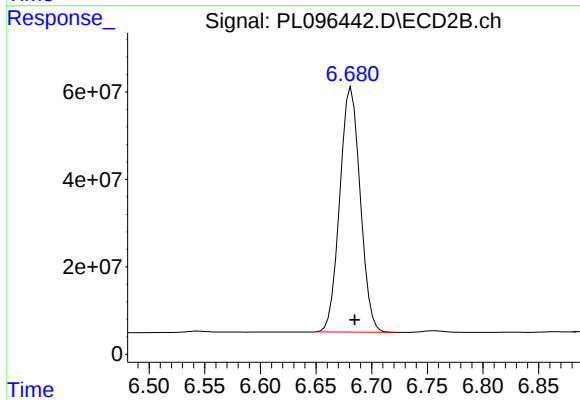
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 382894487
Conc: 243.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

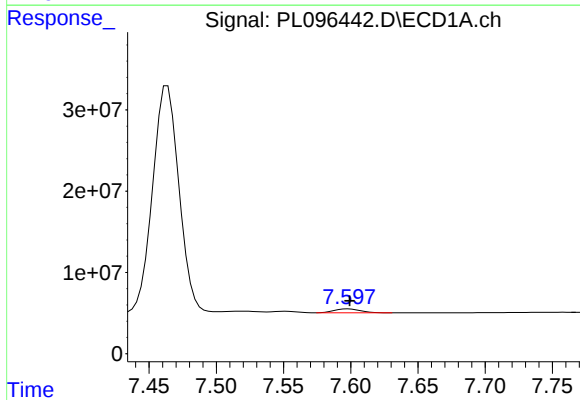
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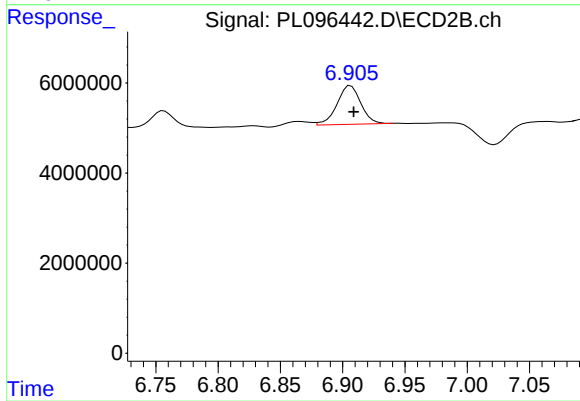
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 714352502
Conc: 235.16 ng/ml



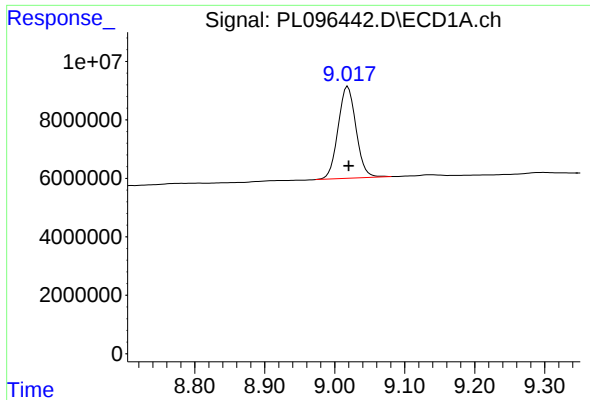
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 6615920
Conc: 2.00 ng/ml



#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 11410119
Conc: 1.82 ng/ml



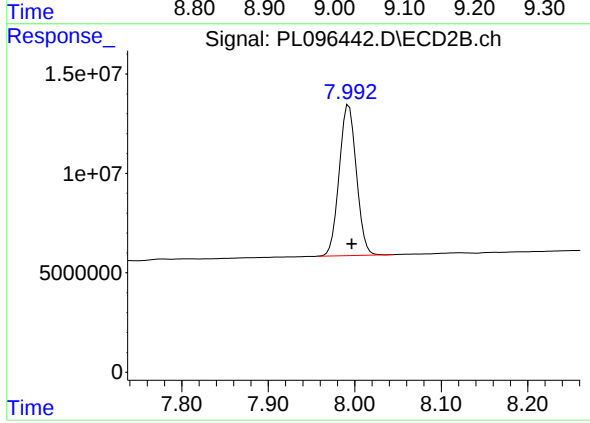
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 55938758
Conc: 19.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.003 min
Response: 104195801
Conc: 20.90 ng/ml