

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070925\
 Data File : PL096278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 10:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 06:38:46 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...	3.537	2.828	88295880	132.3E6	24.197	22.926
28)	SA Decachlor...	9.021	7.996	70955643	116.9E6	25.224	23.440
Target Compounds							
2)	A alpha-BHC	3.984	3.334	57282899	95925406	11.138	11.373
3)	MA gamma-BHC...	4.313	3.666	61067428	90541665	12.263	11.496
6)	B beta-BHC	4.499	3.963	25751313	41505271	12.388	12.122
14)	MA Endrin	6.546	5.712	206.4E6	358.6E6	66.350	58.824
16)	A 4,4'-DDD	6.678	5.858	10784497	10060324	3.704m	1.962m#
17)	MA 4,4'-DDT	6.993	6.112	378.5E6	670.7E6	124.710	116.952
18)	B Endrin al...	6.889	6.184	3899358	9768159	1.744m	2.193 #
20)	A Methoxychlor	7.466	6.685	460.0E6	775.1E6	291.959	255.147
21)	B Endrin ke...	7.601	6.907	8997796	18353906	2.725	2.936

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

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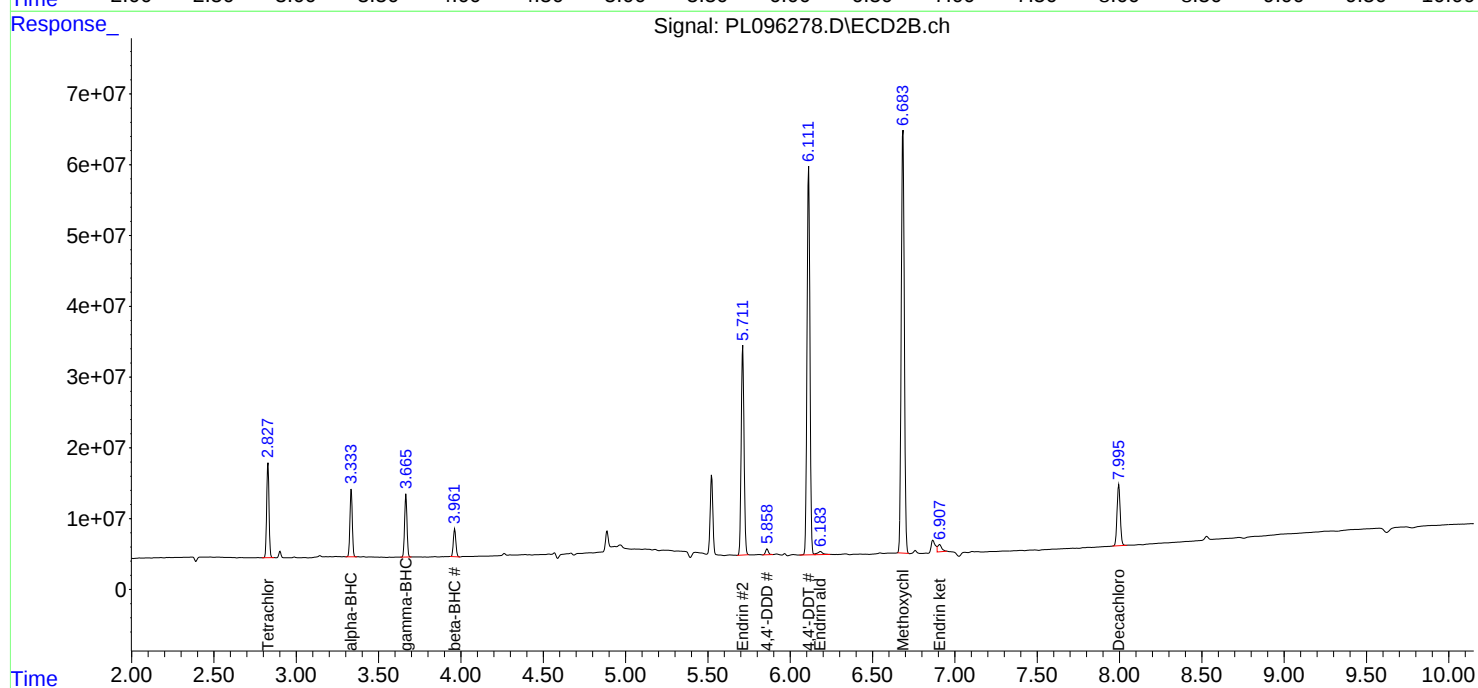
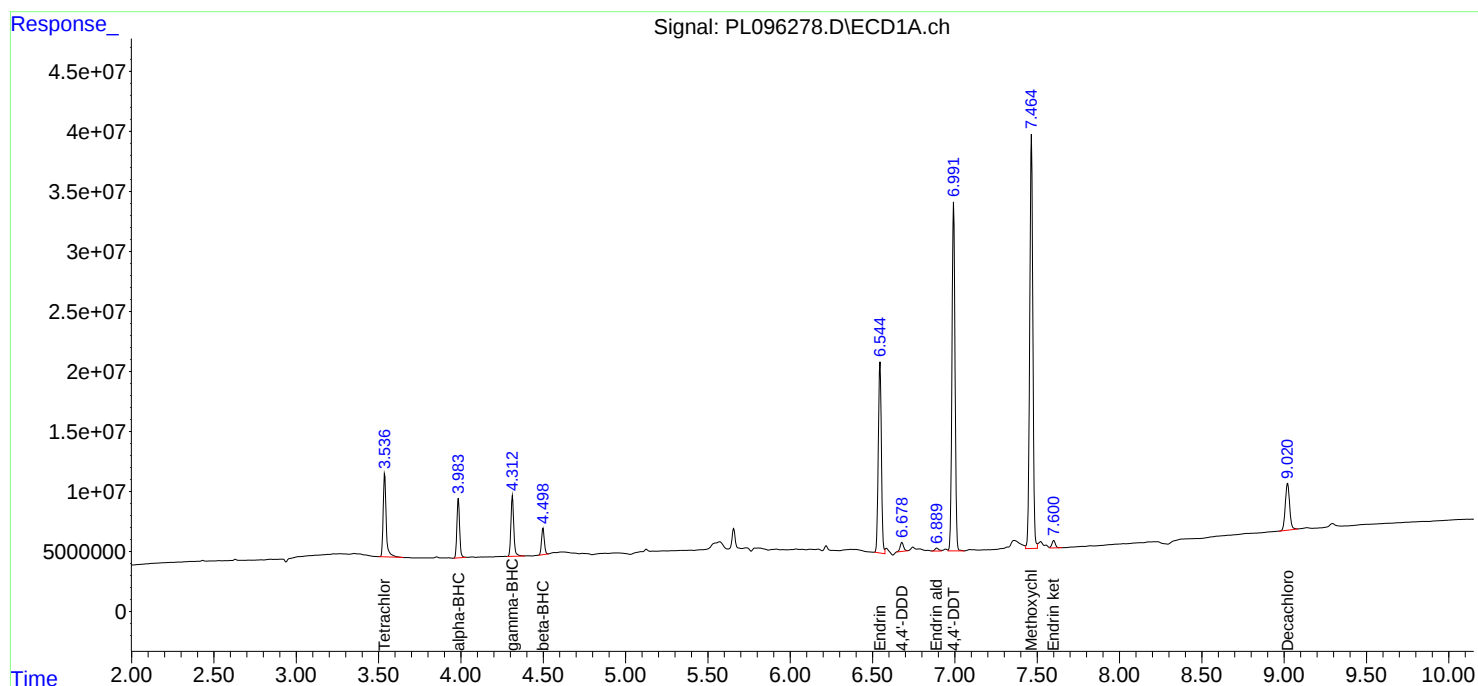
Instrument :
ECD_L
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PEM

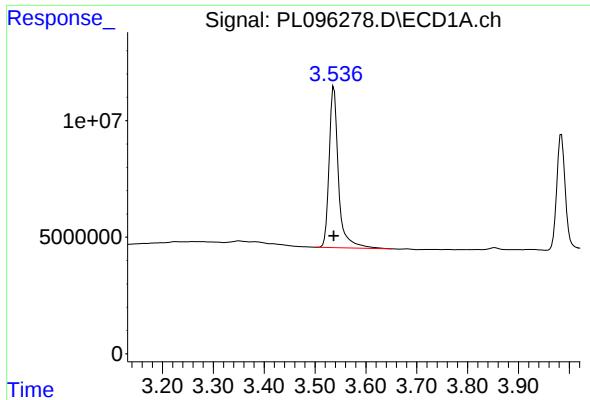
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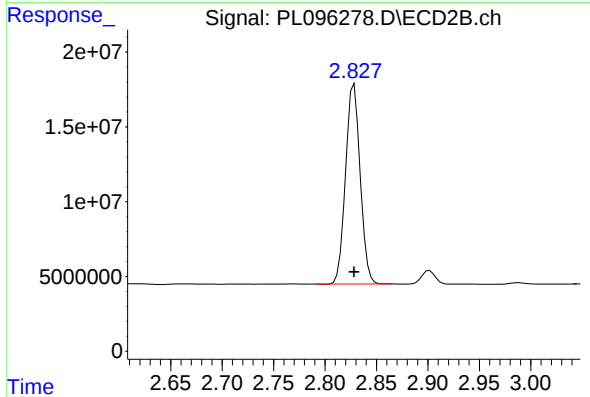
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 88295880
Conc: 24.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

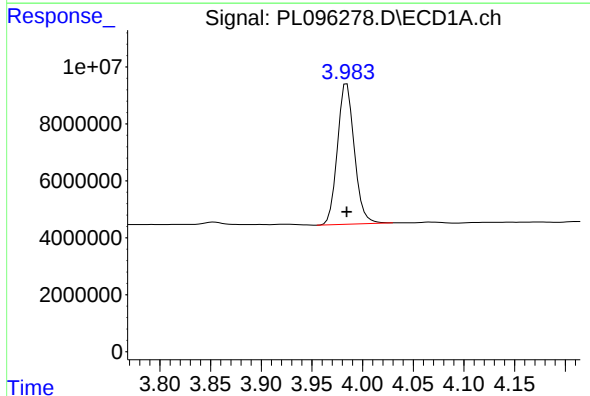
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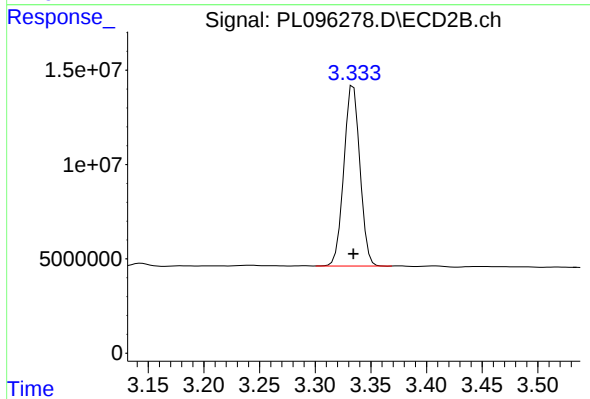
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 132309626
Conc: 22.93 ng/ml



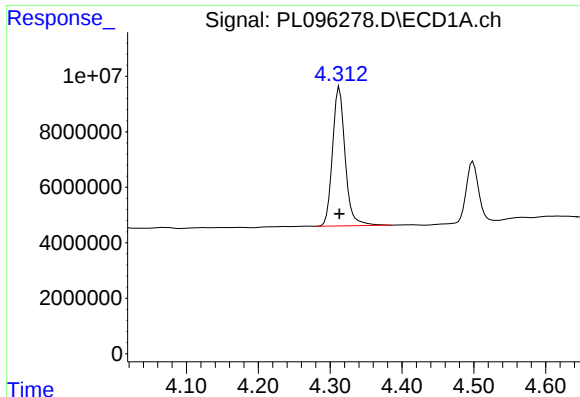
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 57282899
Conc: 11.14 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 95925406
Conc: 11.37 ng/ml



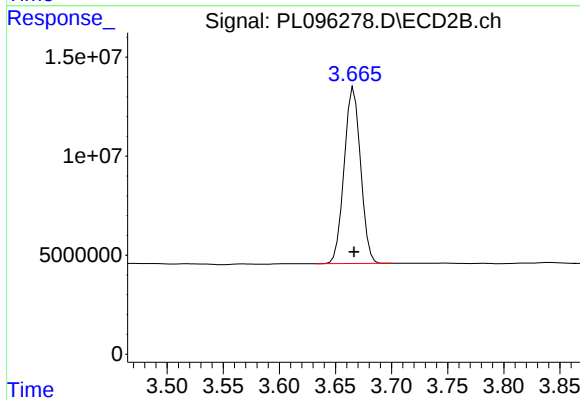
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 61067428
Conc: 12.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

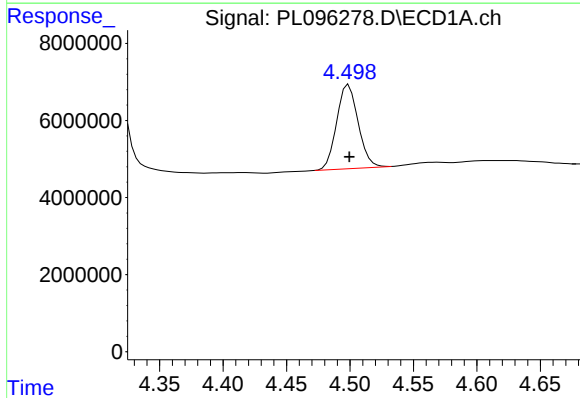
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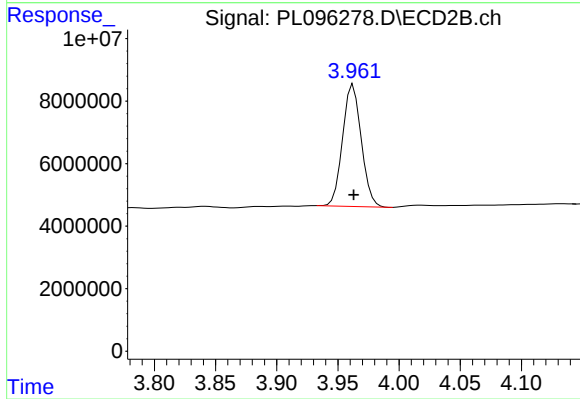
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 90541665
Conc: 11.50 ng/ml



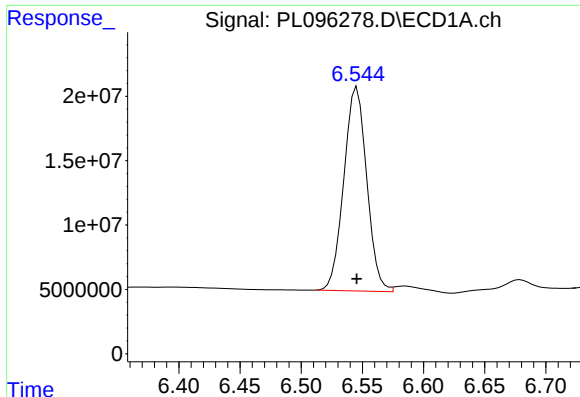
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 25751313
Conc: 12.39 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 41505271
Conc: 12.12 ng/ml



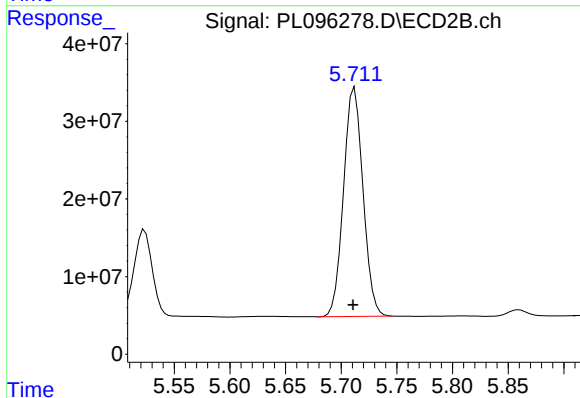
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 206361471
Conc: 66.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

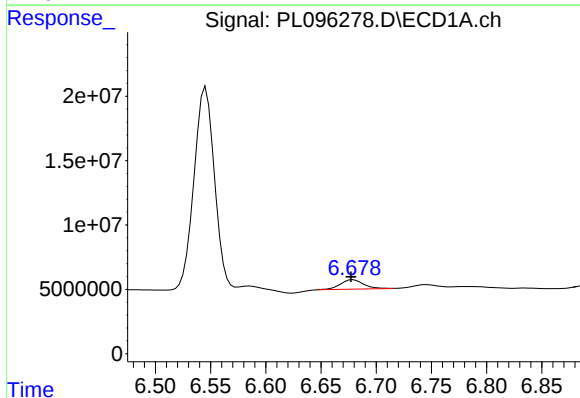
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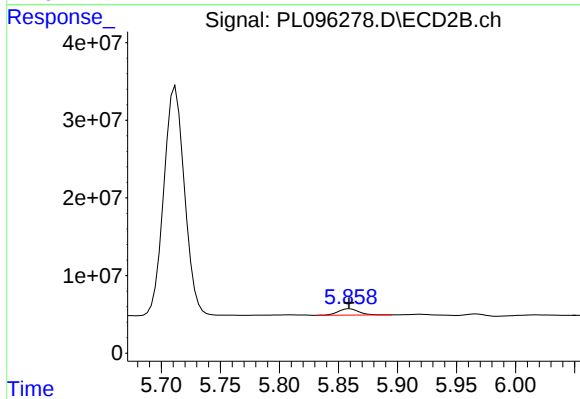
#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 358622267
Conc: 58.82 ng/ml



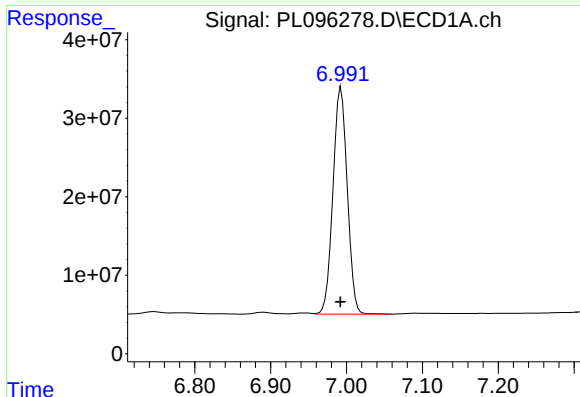
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 10784497
Conc: 3.70 ng/ml m



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 10060324
Conc: 1.96 ng/ml m



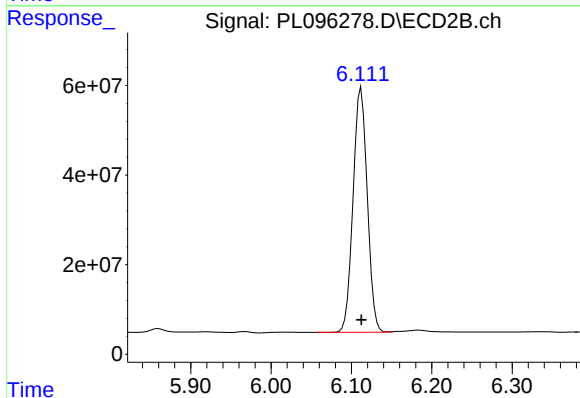
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 378519890
Conc: 124.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

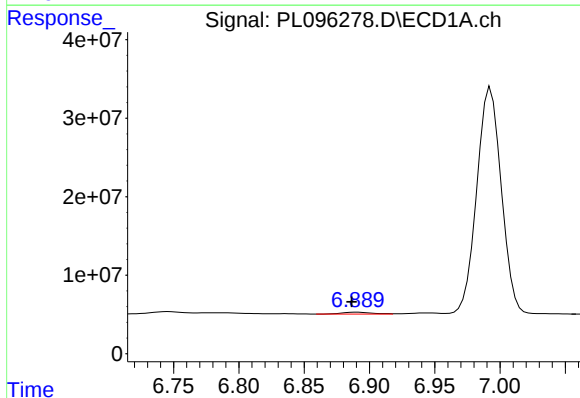
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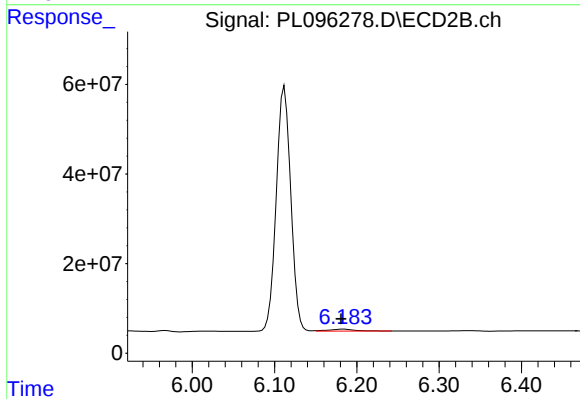
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 670737263
Conc: 116.95 ng/ml



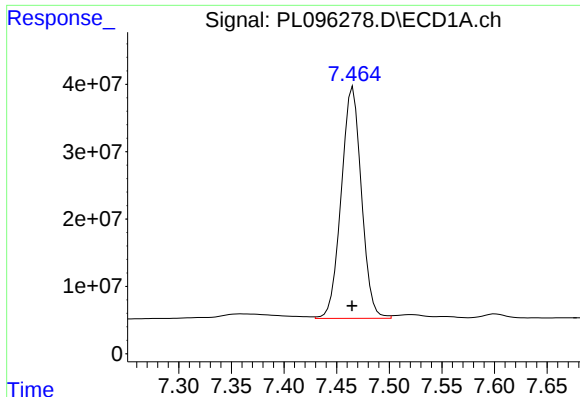
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.003 min
Response: 3899358
Conc: 1.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.184 min
Delta R.T.: 0.003 min
Response: 9768159
Conc: 2.19 ng/ml



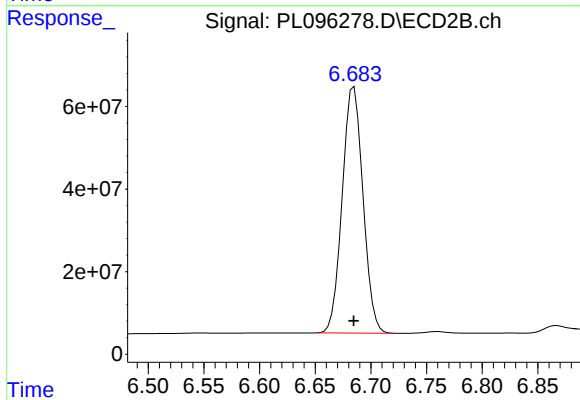
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.001 min
Response: 459951660
Conc: 291.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

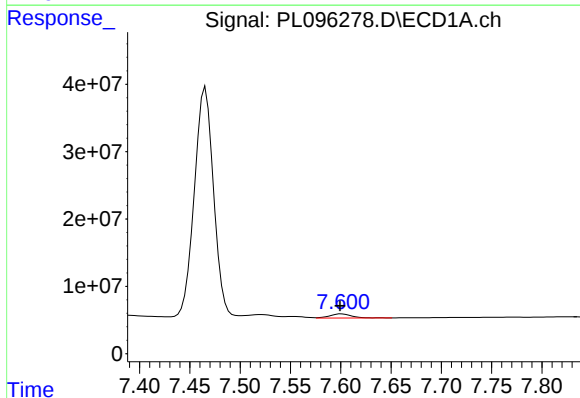
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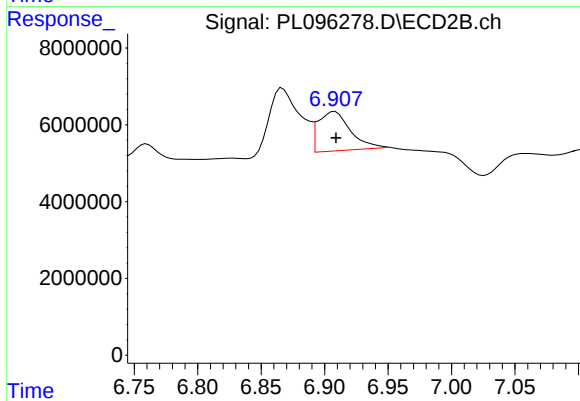
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 775077725
Conc: 255.15 ng/ml



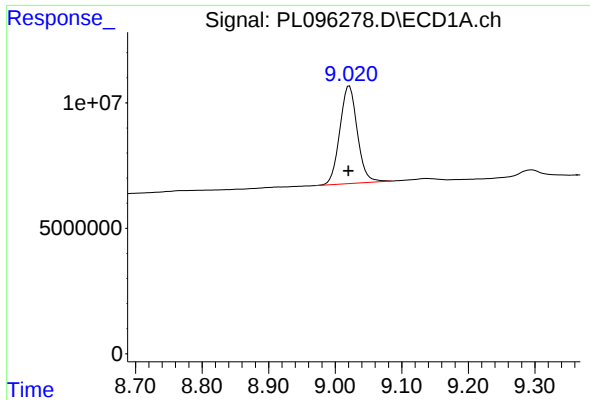
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.002 min
Response: 8997796
Conc: 2.73 ng/ml



#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 18353906
Conc: 2.94 ng/ml



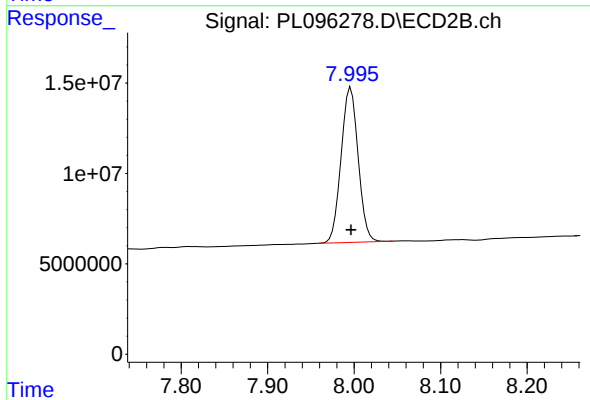
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.001 min
Response: 70955643
Conc: 25.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 116884586
Conc: 23.44 ng/ml