

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070825\
 Data File : PL096260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 09:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:55:54 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	85265455	134.7E6	23.367	23.345
28)	SA Decachlor...	9.021	7.996	68823610	119.4E6	24.466	23.951
Target Compounds							
2)	A alpha-BHC	3.985	3.334	55213273	97962789	10.735	11.615
3)	MA gamma-BHC...	4.313	3.667	58772855	92282858	11.803	11.717
6)	B beta-BHC	4.499	3.963	24931220	42345473	11.993	12.368
14)	MA Endrin	6.546	5.712	197.8E6	372.4E6	63.590	61.078
16)	A 4,4'-DDD	6.678	5.859	7705364	3856046	2.646m	0.752m#
17)	MA 4,4'-DDT	6.993	6.111	370.0E6	703.8E6	121.912	122.723m
18)	B Endrin al...	6.889	6.184	3739233	6159967	1.673m	1.383m
20)	A Methoxychlor	7.465	6.685	447.3E6	806.8E6	283.921	265.598
21)	B Endrin ke...	7.601	6.908	8204346	3094308	2.485	0.495m#

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

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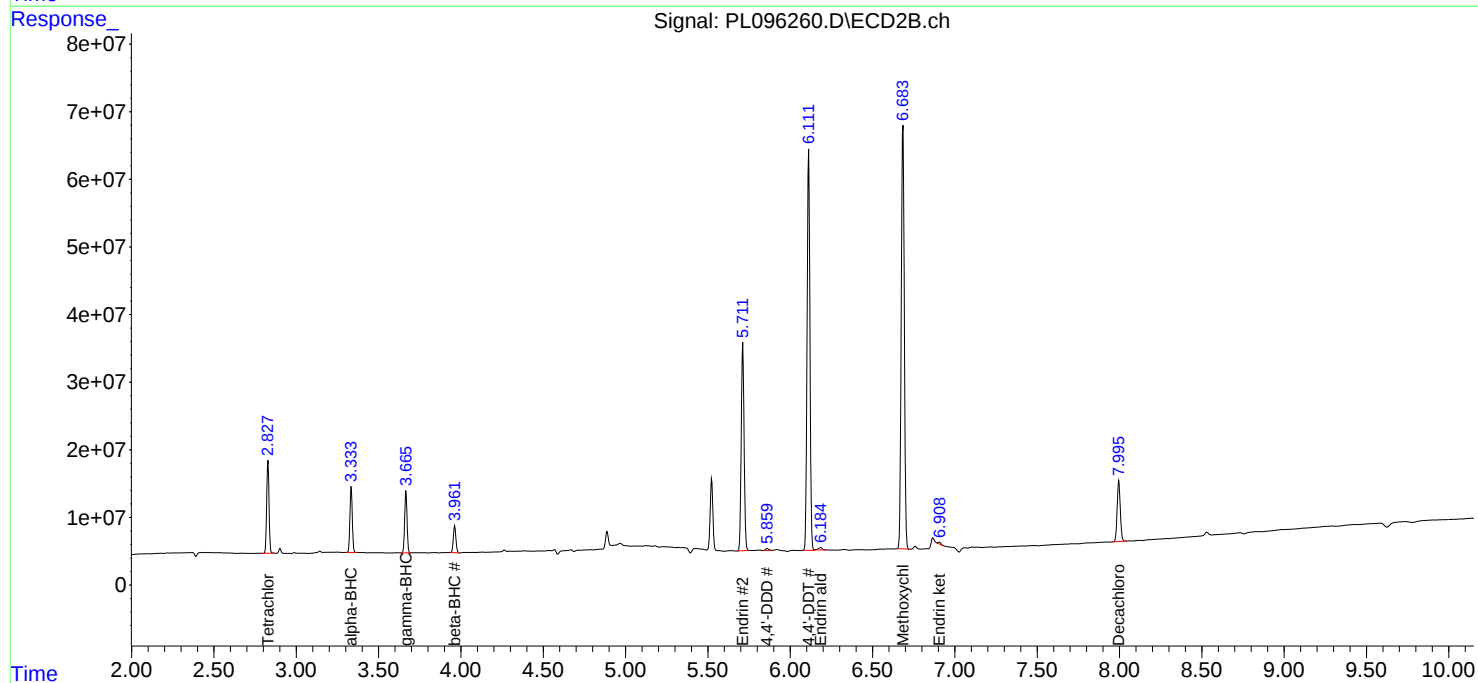
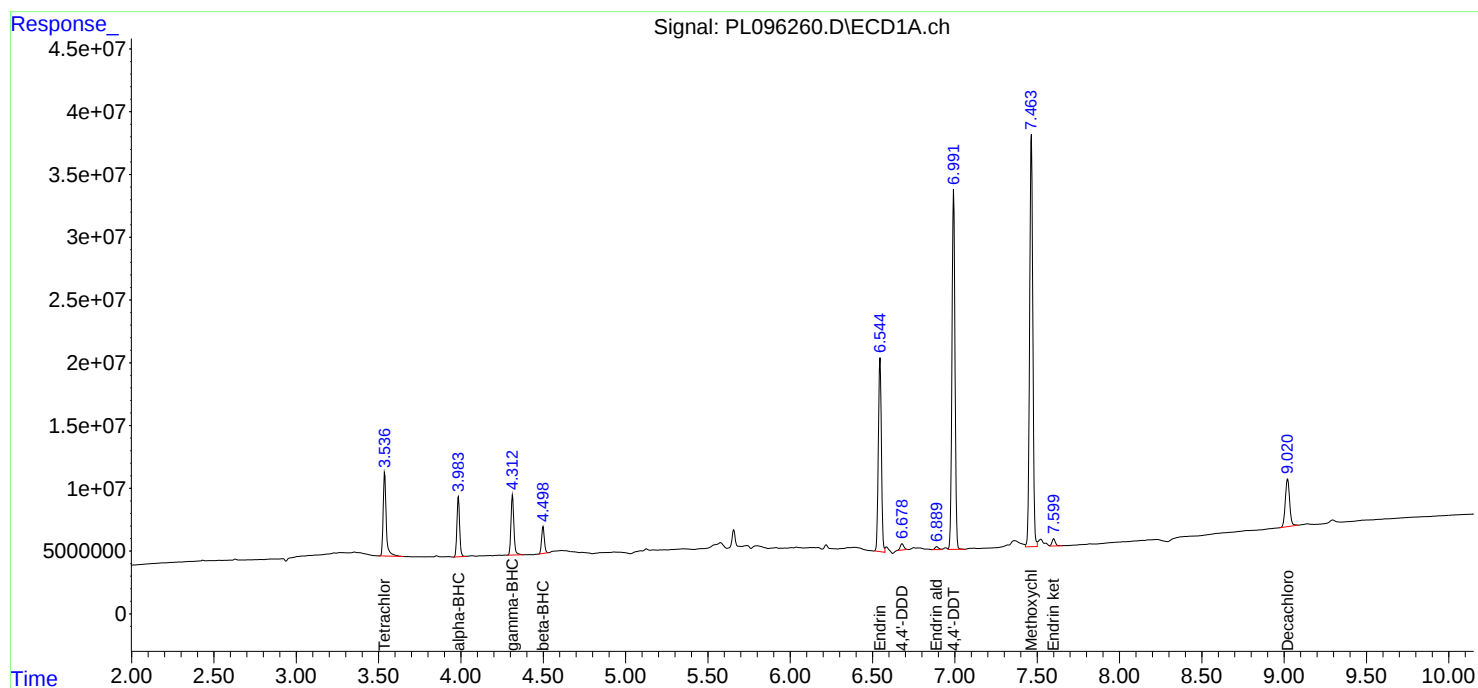
Instrument :
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ClientSampleId :
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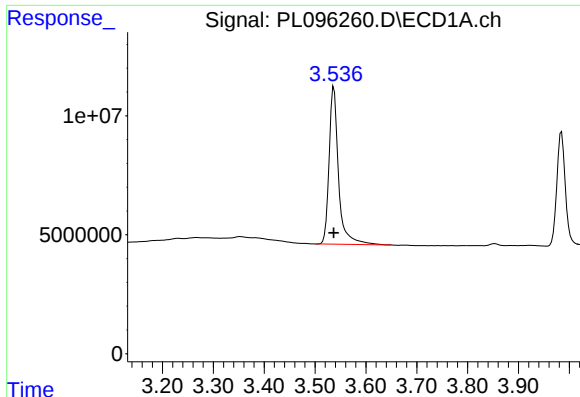
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Integration File signal 1: autoint1.e
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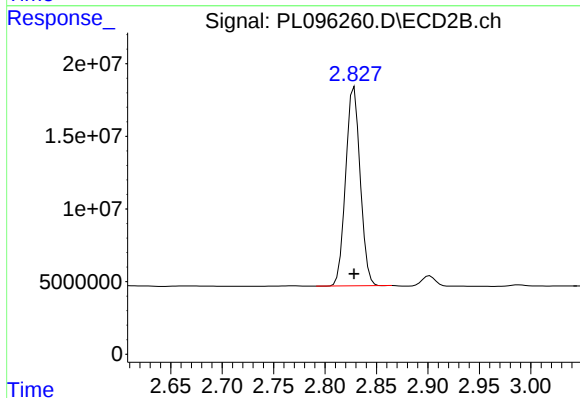
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 85265455
Conc: 23.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

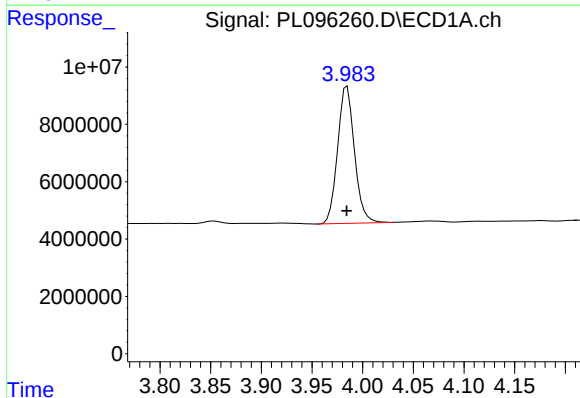
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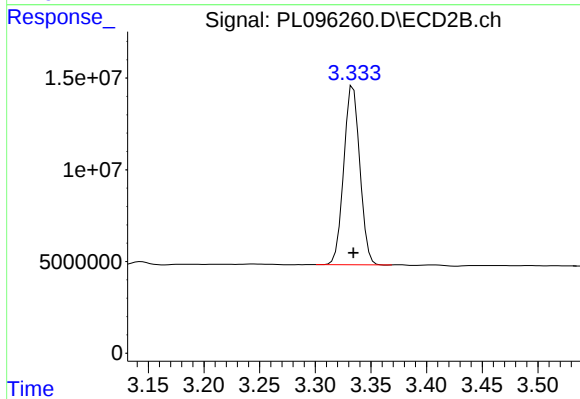
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 134731640
Conc: 23.35 ng/ml



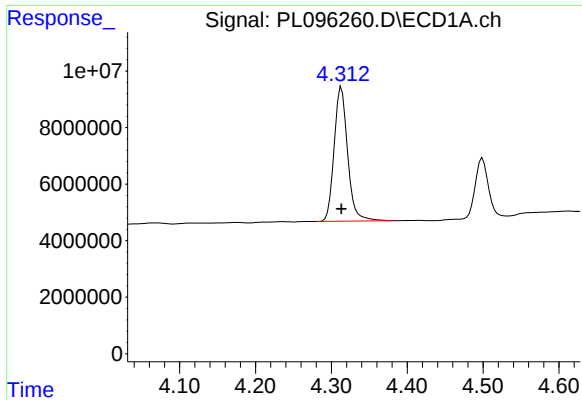
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 55213273
Conc: 10.74 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 97962789
Conc: 11.61 ng/ml



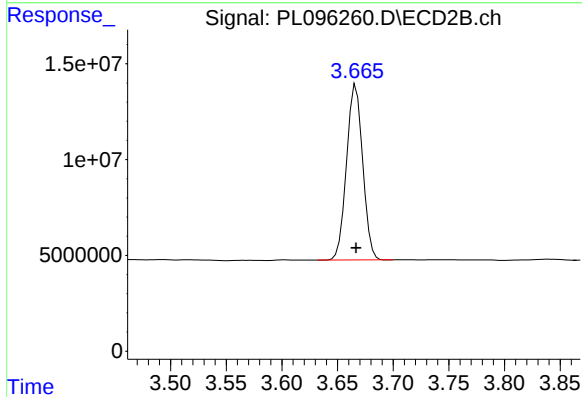
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 58772855
Conc: 11.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

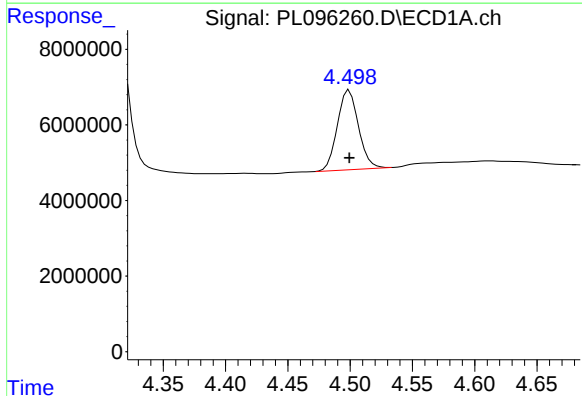
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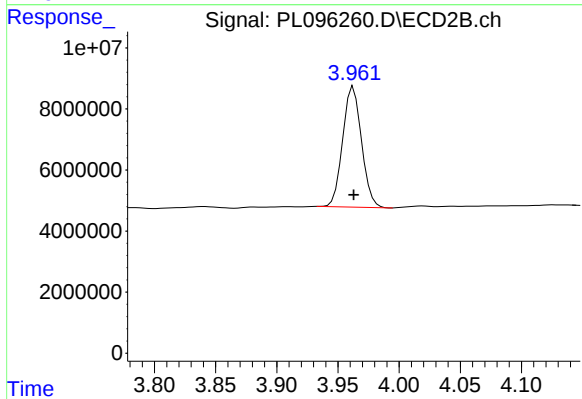
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 92282858
Conc: 11.72 ng/ml



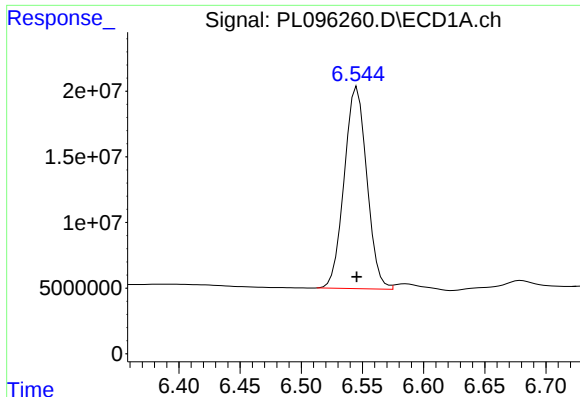
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 24931220
Conc: 11.99 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 42345473
Conc: 12.37 ng/ml



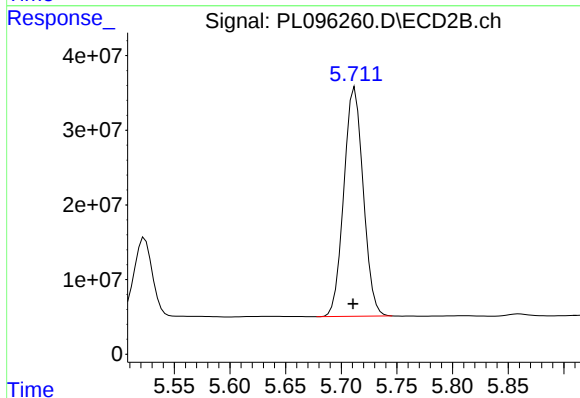
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 197777170
Conc: 63.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

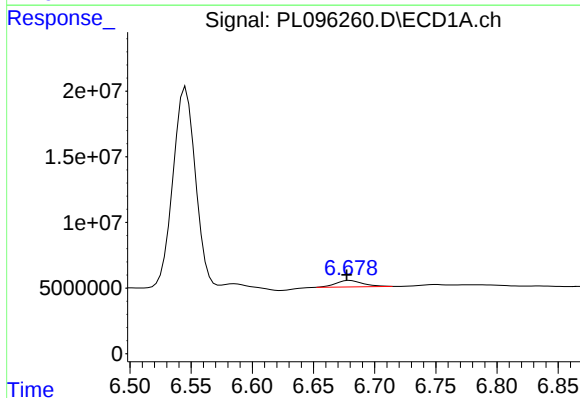
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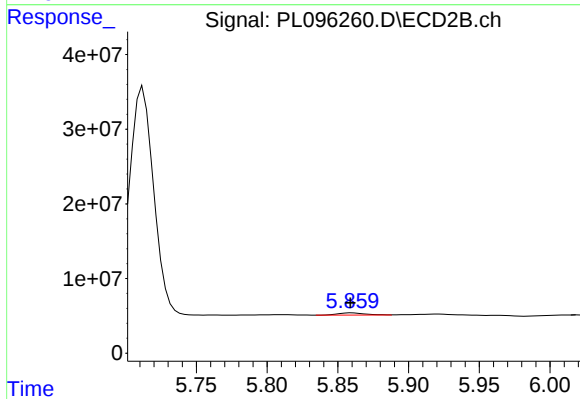
#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 372361352
Conc: 61.08 ng/ml



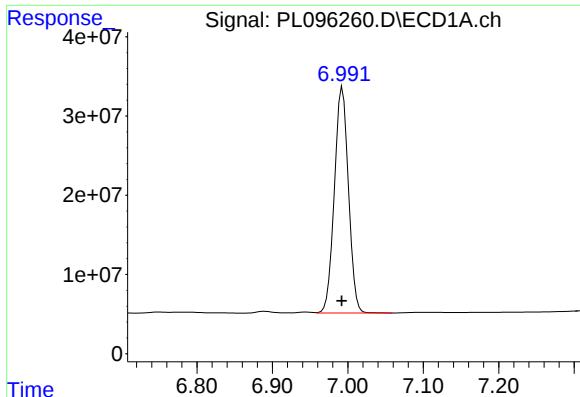
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 7705364
Conc: 2.65 ng/ml m



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 3856046
Conc: 0.75 ng/ml m



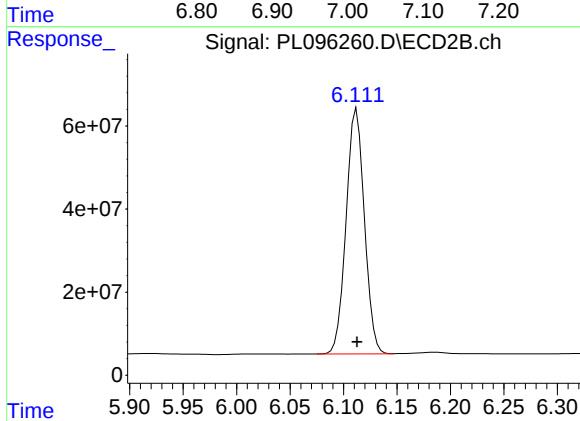
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 370028805
Conc: 121.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

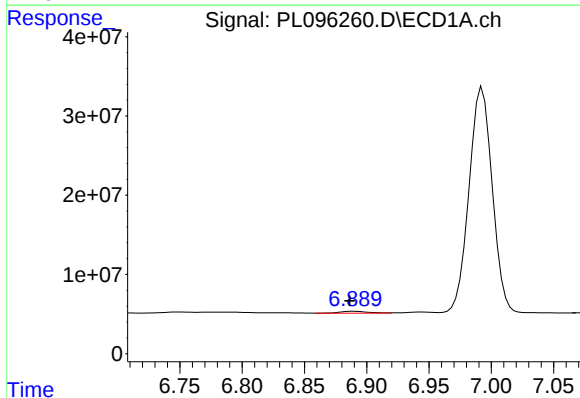
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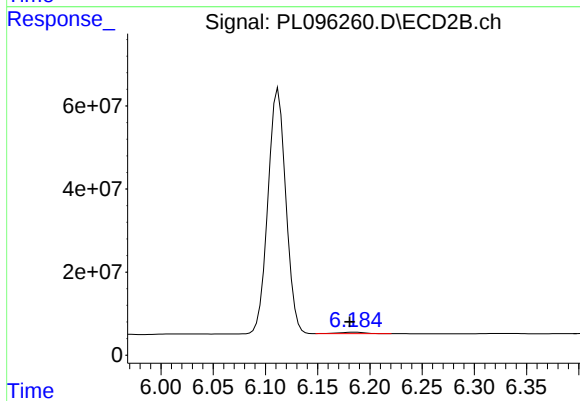
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 703831792
Conc: 122.72 ng/ml m



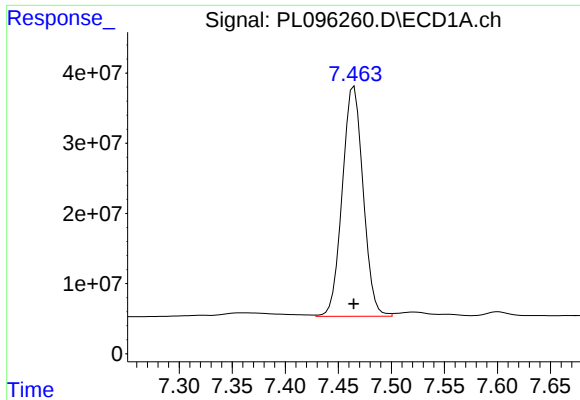
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 3739233
Conc: 1.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.184 min
Delta R.T.: 0.003 min
Response: 6159967
Conc: 1.38 ng/ml m



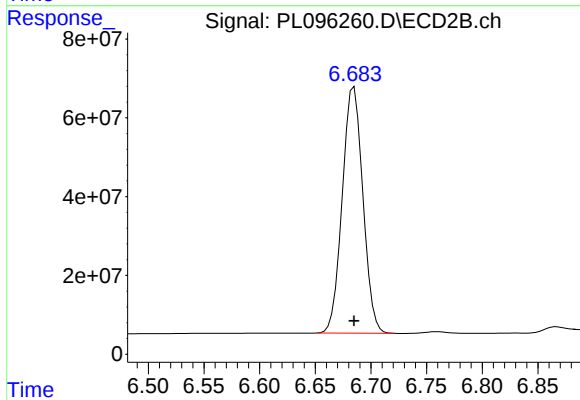
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 447287663
Conc: 283.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

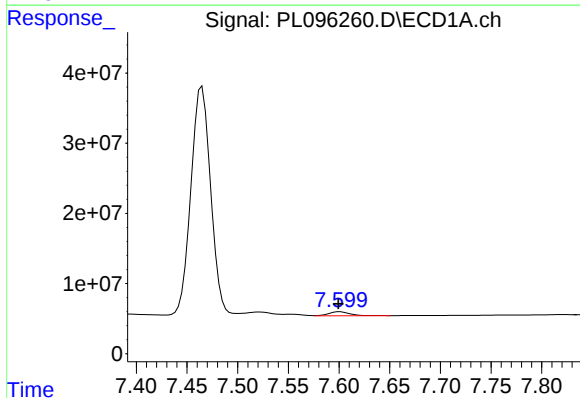
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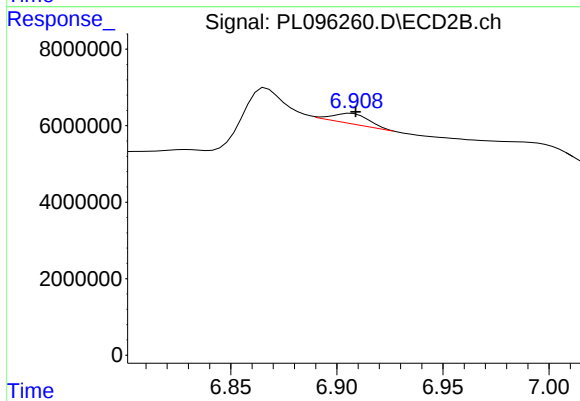
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 806828121
Conc: 265.60 ng/ml



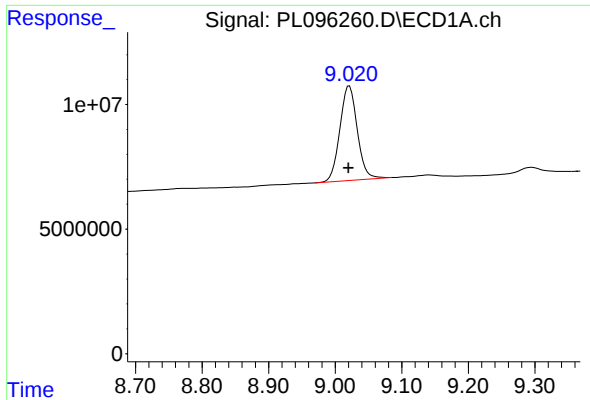
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.002 min
Response: 8204346
Conc: 2.48 ng/ml



#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 3094308
Conc: 0.49 ng/ml m



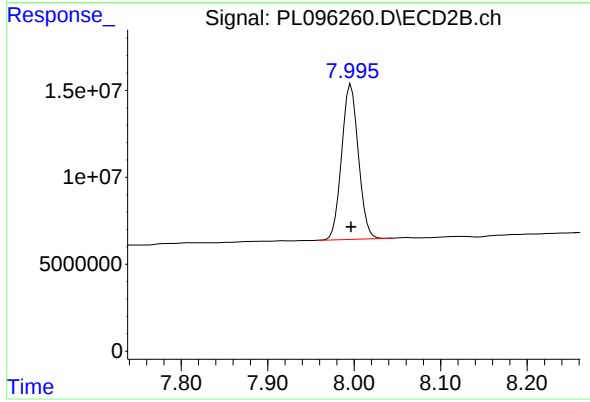
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.001 min
Response: 68823610
Conc: 24.47 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: 119432315
Conc: 23.95 ng/ml