

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 10:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:27:17 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	2.829	75321177	121.3E6	20.642	21.009
28)	SA Decachlor...	9.020	7.996	61373713	109.6E6	21.817	21.972
Target Compounds							
2)	A alpha-BHC	3.985	3.335	52179910	87832663	10.146	10.414
3)	MA gamma-BHC...	4.313	3.667	52975484	83194325	10.638	10.563
6)	B beta-BHC	4.500	3.963	22129275	37541154	10.645	10.964
14)	MA Endrin	6.546	5.713	171.7E6	337.6E6	55.201	55.377
16)	A 4,4'-DDD	6.678	5.861	7831583	2512513	2.690m	0.490m#
17)	MA 4,4'-DDT	6.992	6.113	321.9E6	652.2E6	106.053	113.722
18)	B Endrin al...	6.888	6.184	3352024	4525238	1.499m	1.016m#
20)	A Methoxychlor	7.465	6.685	396.8E6	755.9E6	251.881	248.841
21)	B Endrin ke...	7.600	6.908	9355435	3472500	2.834	0.555m#

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

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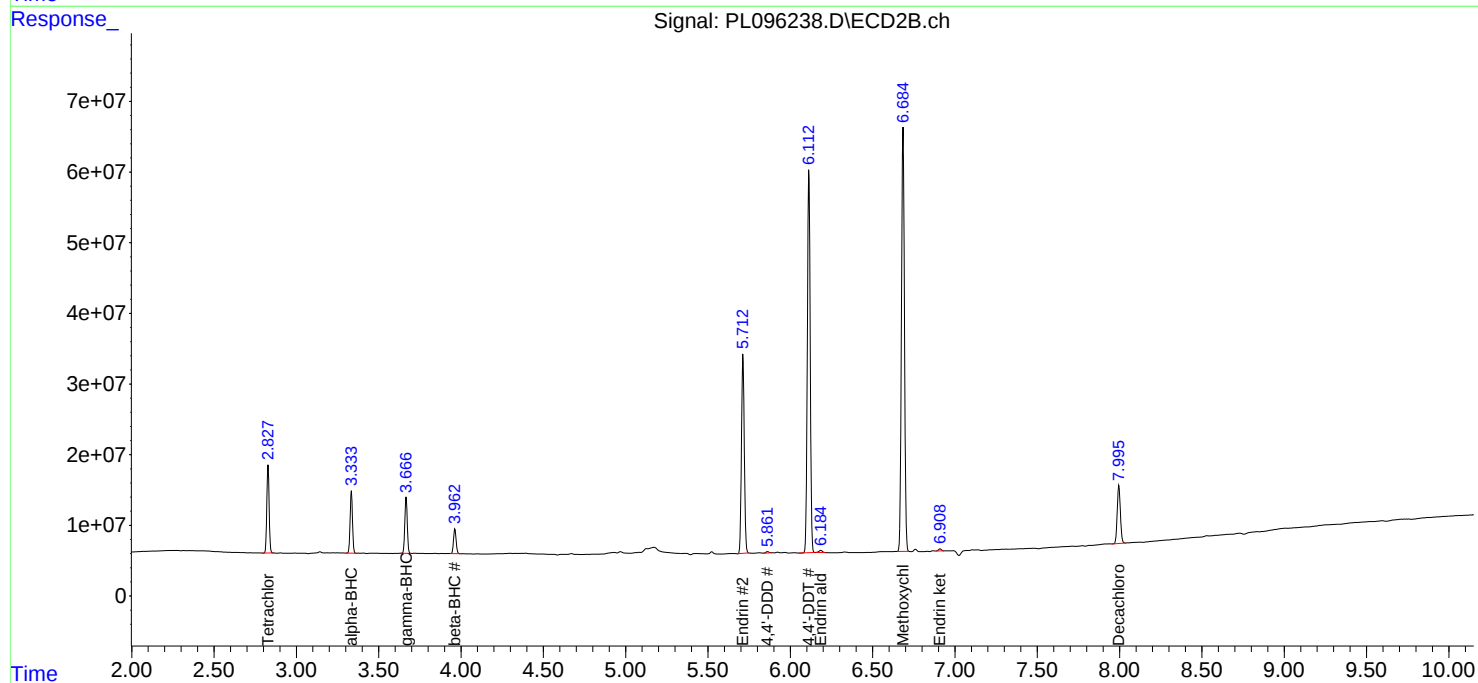
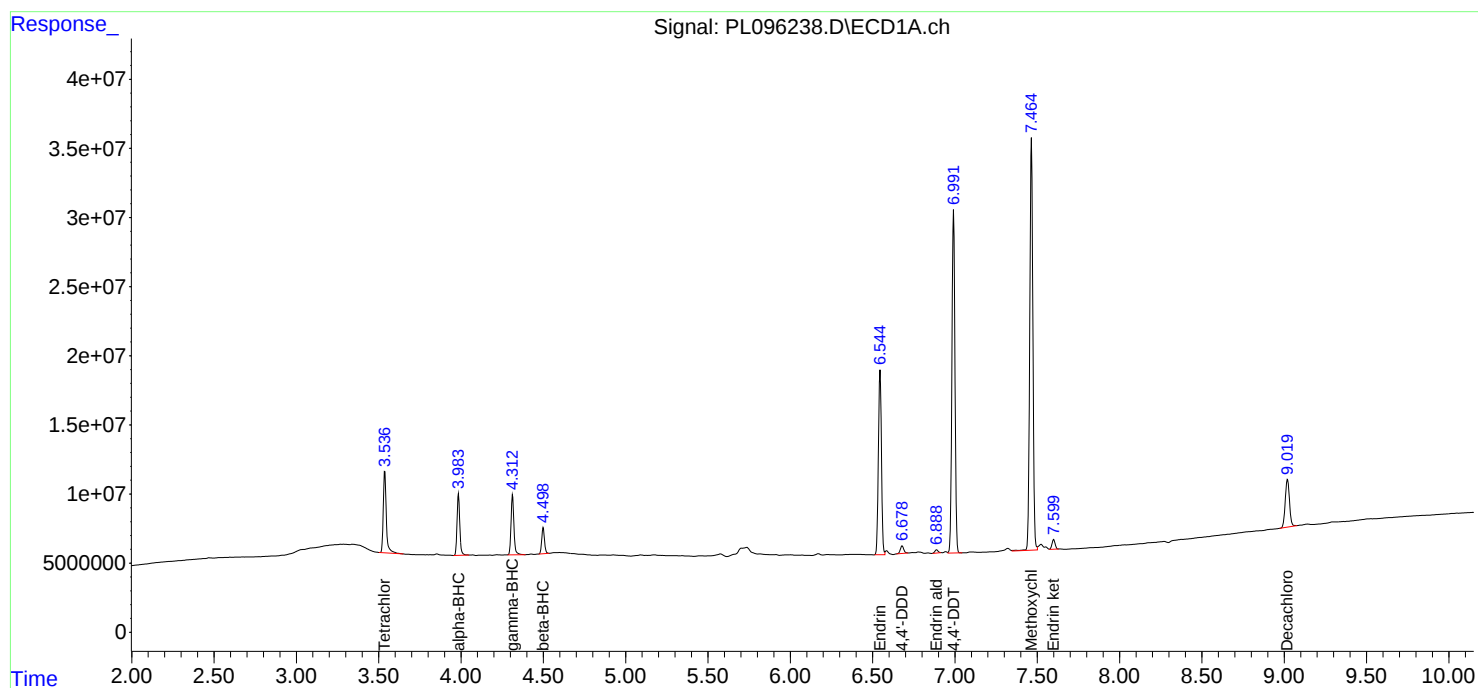
Instrument :
ECD_L
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PEM

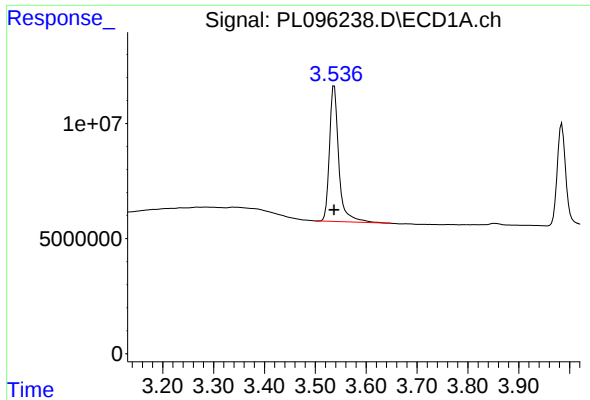
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Integration File signal 1: autoint1.e
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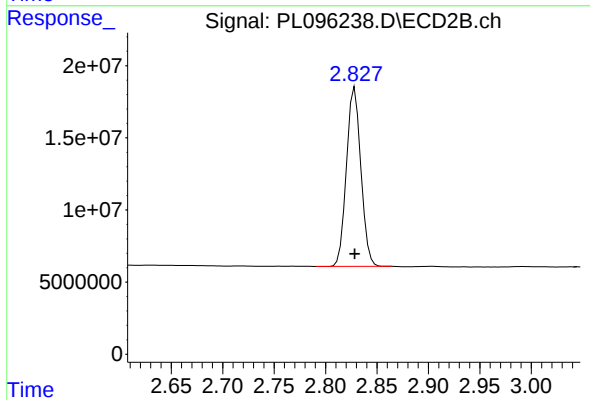
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 75321177
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

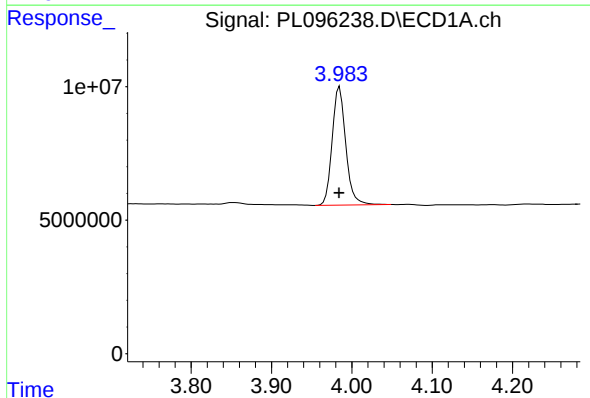
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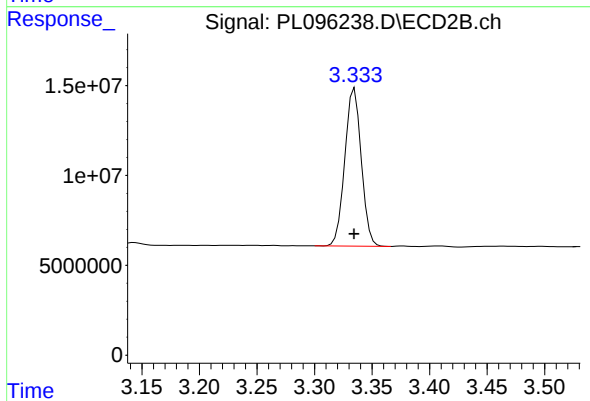
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 121250157
Conc: 21.01 ng/ml



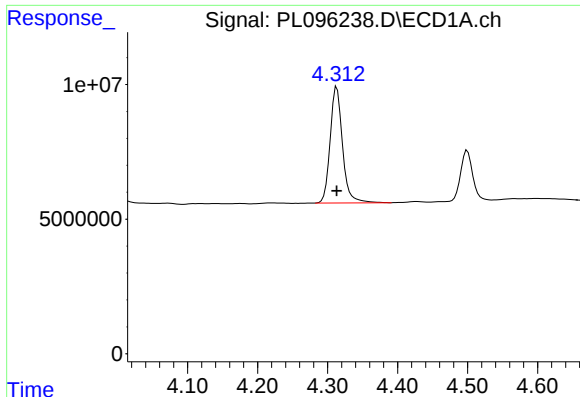
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 52179910
Conc: 10.15 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 87832663
Conc: 10.41 ng/ml



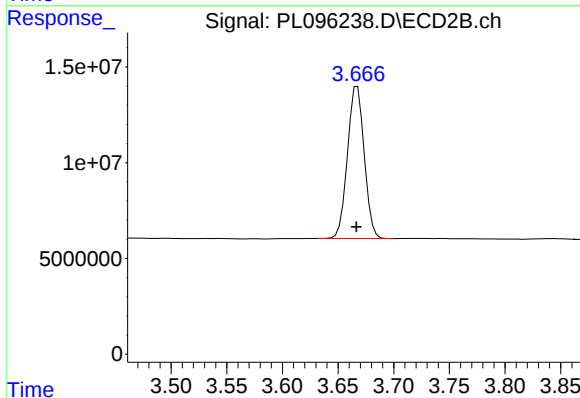
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 52975484
Conc: 10.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

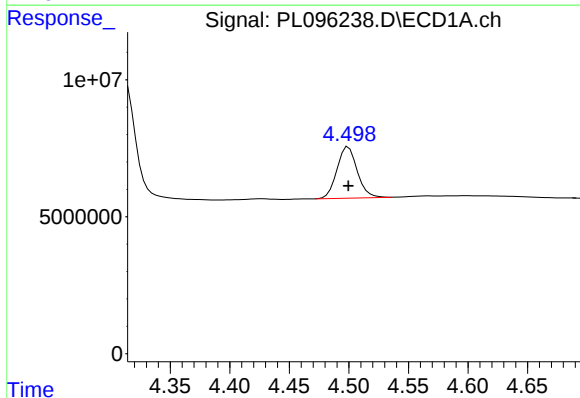
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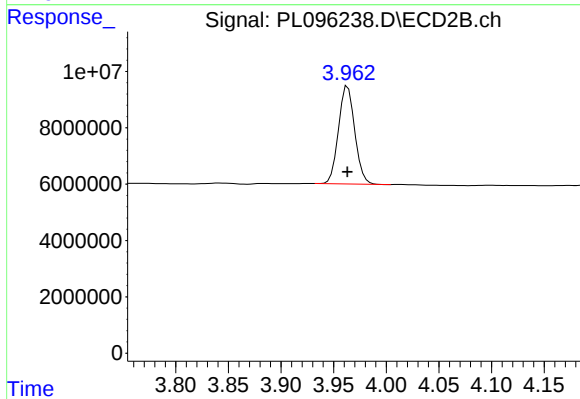
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 83194325
Conc: 10.56 ng/ml



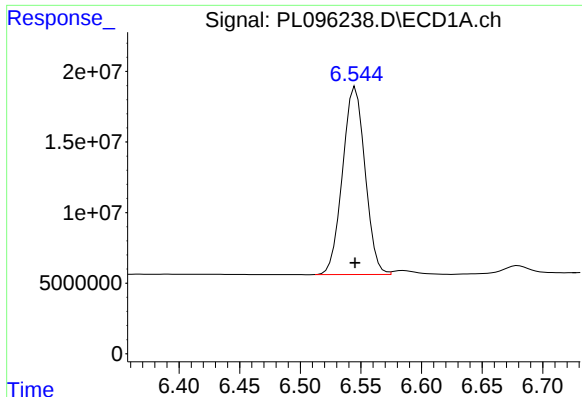
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 22129275
Conc: 10.65 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 37541154
Conc: 10.96 ng/ml



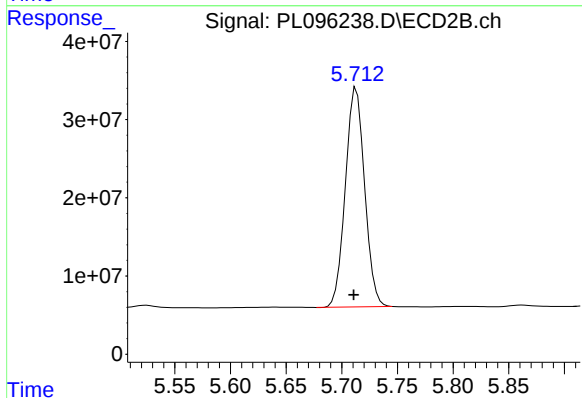
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 171686207
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

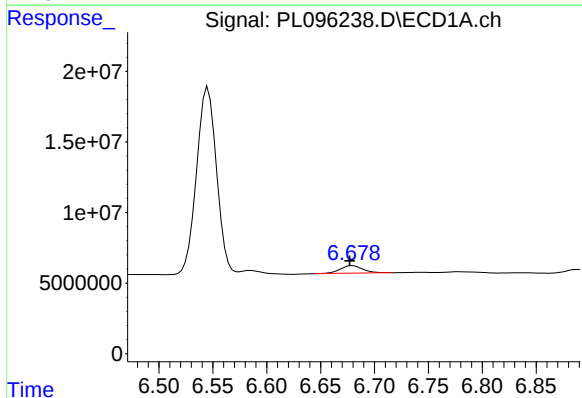
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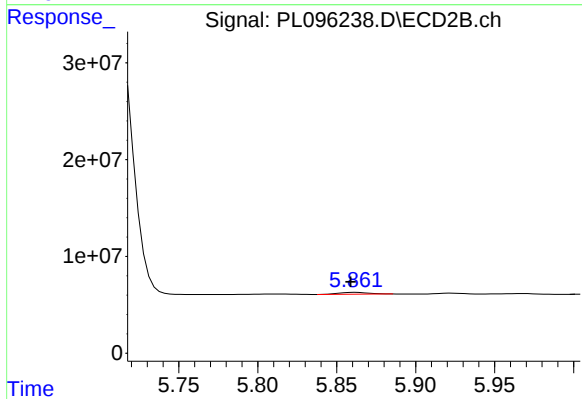
#14 Endrin

R.T.: 5.713 min
Delta R.T.: 0.002 min
Response: 337605121
Conc: 55.38 ng/ml



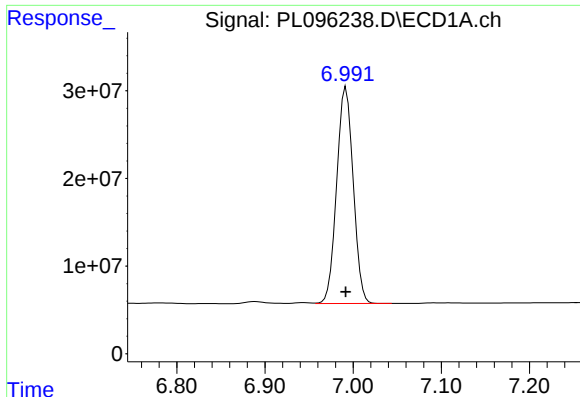
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 7831583
Conc: 2.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 2512513
Conc: 0.49 ng/ml m



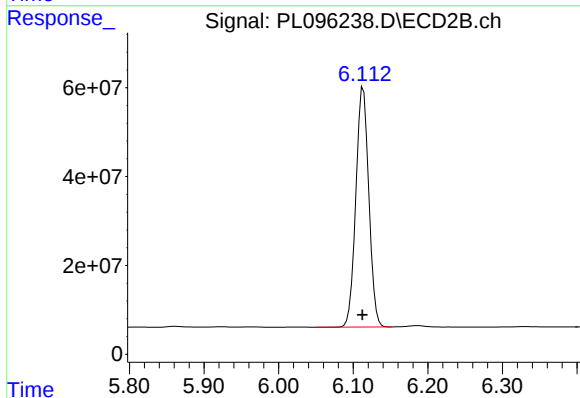
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 321893056
Conc: 106.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

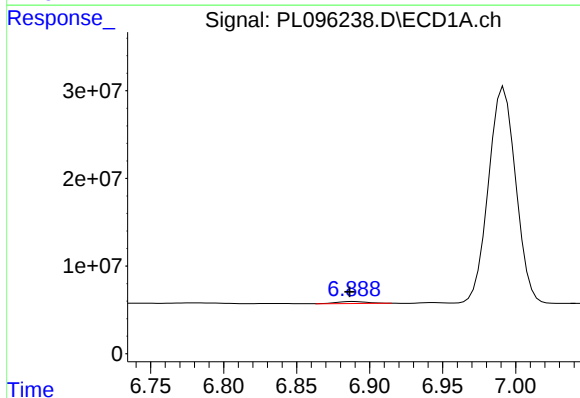
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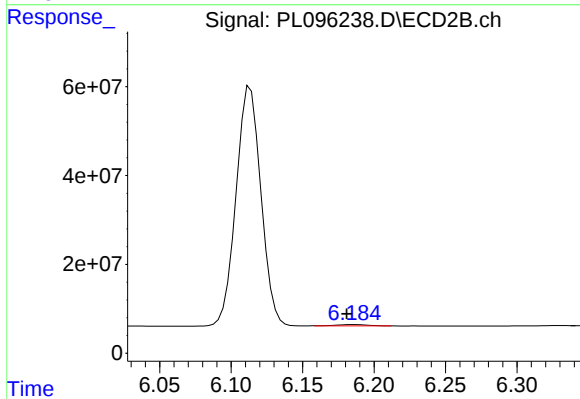
#17 4,4'-DDT

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 652208058
Conc: 113.72 ng/ml



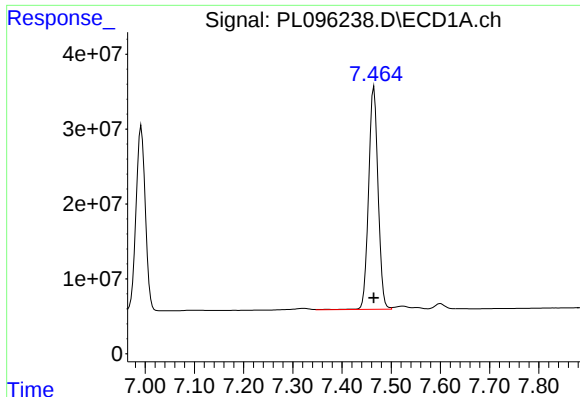
#18 Endrin aldehyde

R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 3352024
Conc: 1.50 ng/ml m



#18 Endrin aldehyde

R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 4525238
Conc: 1.02 ng/ml m



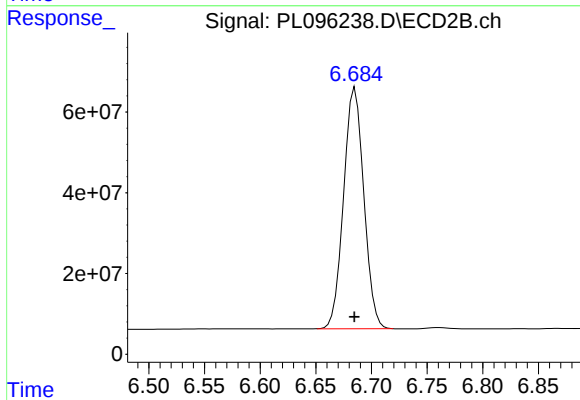
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 396812893
Conc: 251.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

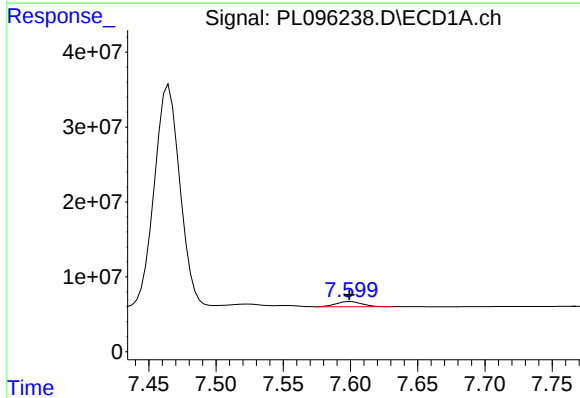
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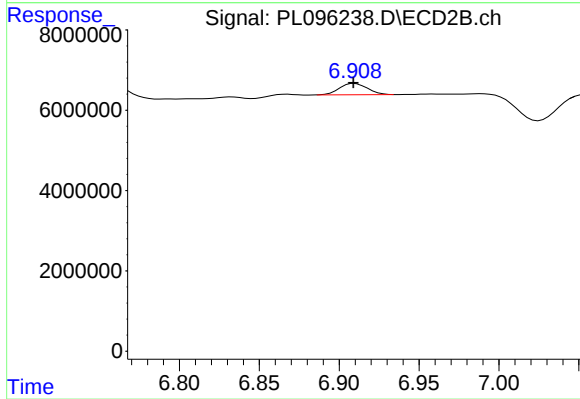
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 755922283
Conc: 248.84 ng/ml



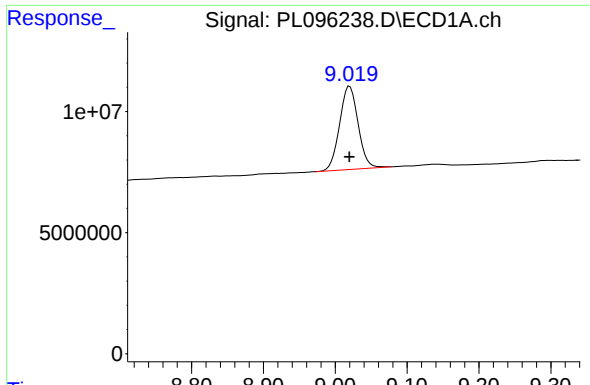
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 9355435
Conc: 2.83 ng/ml



#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 3472500
Conc: 0.56 ng/ml m



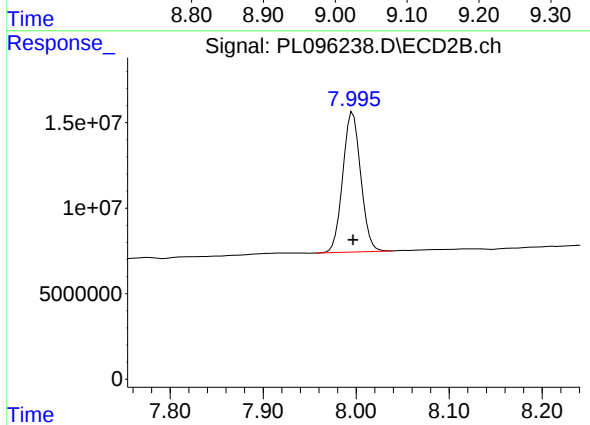
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 61373713
Conc: 21.82 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: 109564299
Conc: 21.97 ng/ml