

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 22:28:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.532	2.823	74268494	124.0E6	23.349	25.953
28)	SA Decachlor...	9.012	7.989	56811994	111.4E6	23.824	25.681
Target Compounds							
2)	A alpha-BHC	3.980	3.329	54867385	88934445	11.860	12.567
3)	MA gamma-BHC...	4.308	3.661	52260615	84709989	11.814	12.828
6)	B beta-BHC	4.494	3.957	23031034	38640115	12.760	13.698
14)	MA Endrin	6.540	5.706	184.2E6	345.9E6	60.864	63.990
16)	A 4,4'-DDD	6.671	5.852	4241049	3790014	1.677m	0.805m#
17)	MA 4,4'-DDT	6.987	6.106	338.3E6	669.9E6	117.986	132.437
20)	A Methoxychlor	7.459	6.678	413.3E6	777.8E6	281.453	283.819
21)	B Endrin ke...	7.593	6.901	3230464	5744593	1.074m	1.031m

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

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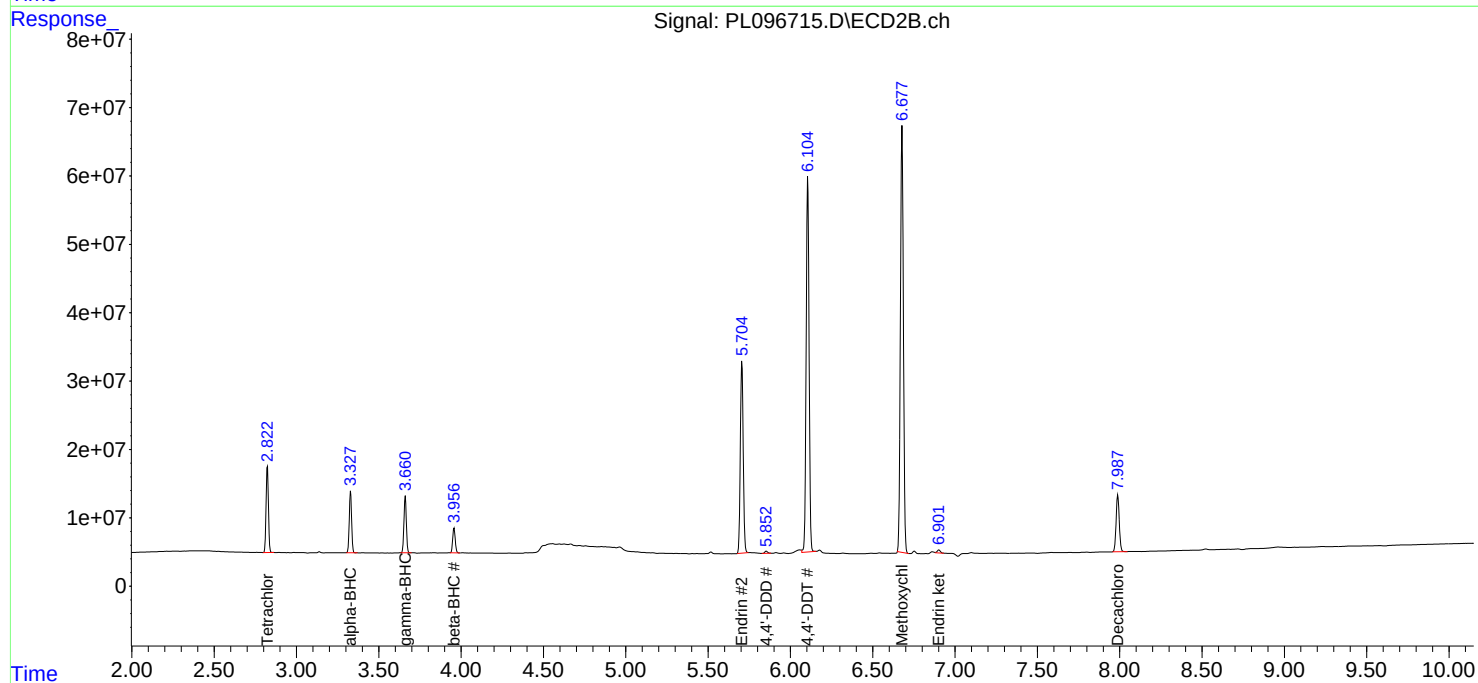
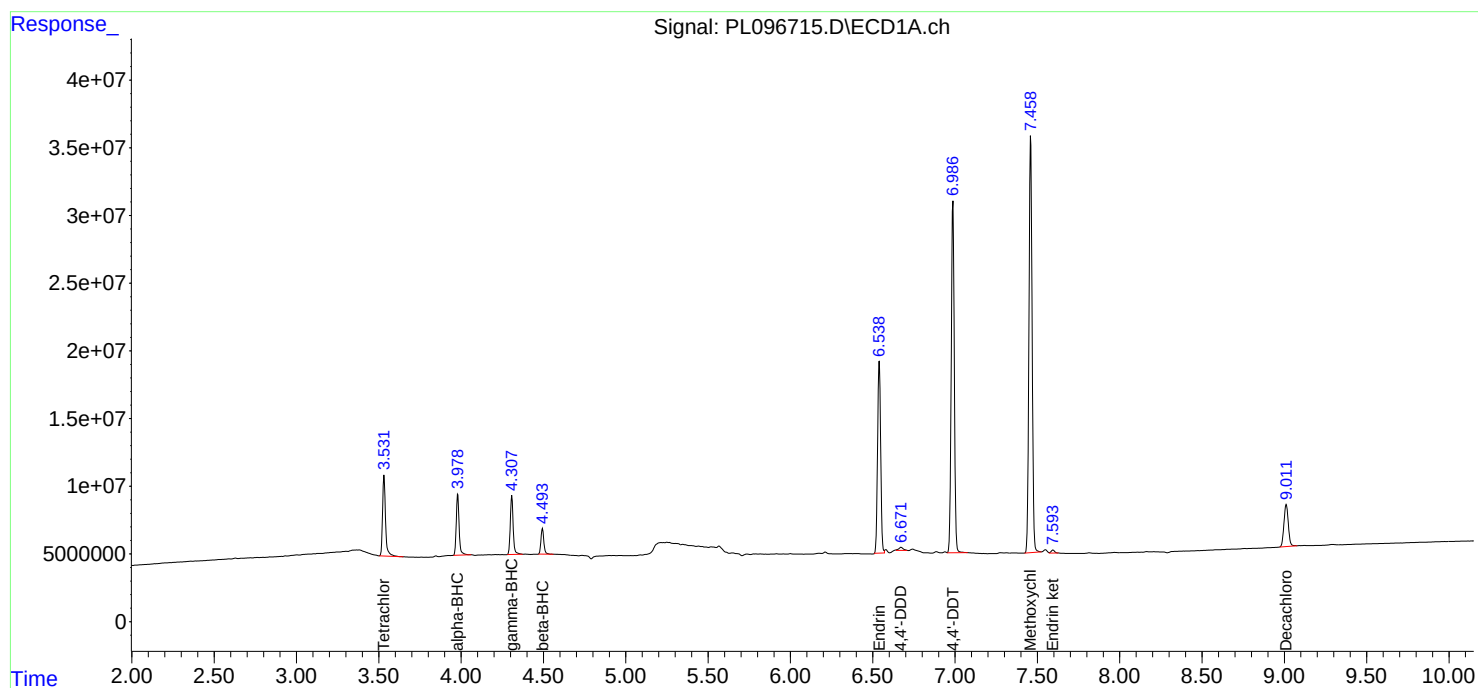
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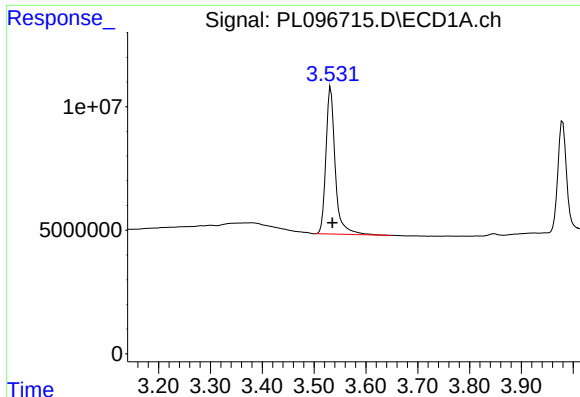
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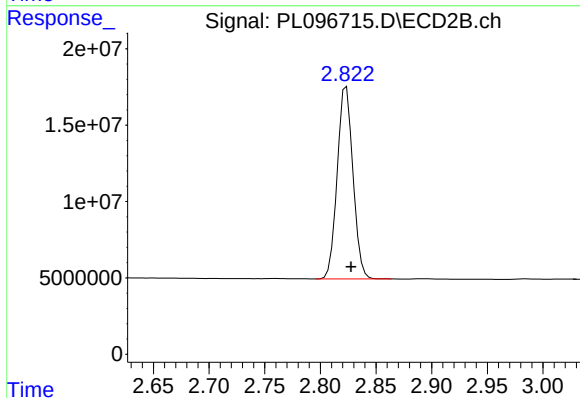
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 74268494
Conc: 23.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

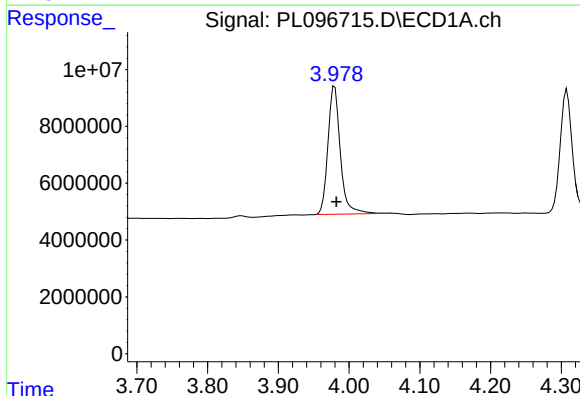
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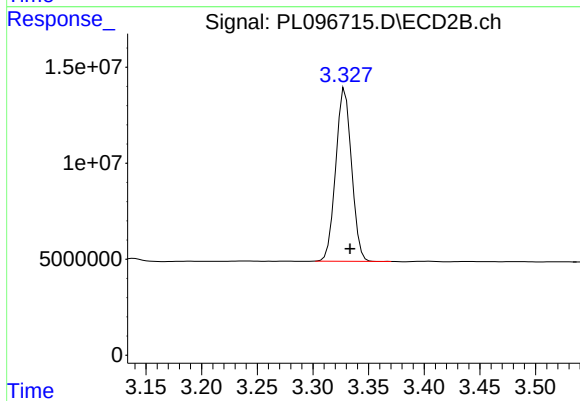
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.004 min
Response: 123997256
Conc: 25.95 ng/ml



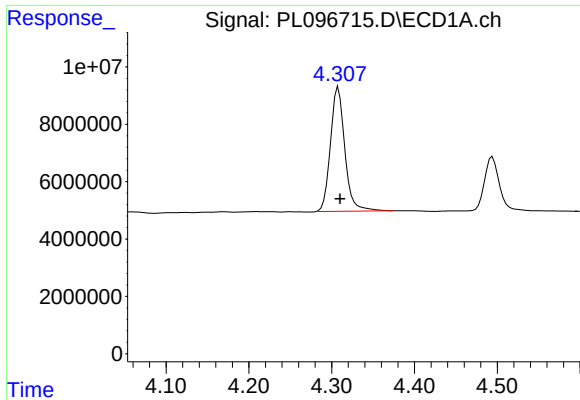
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 54867385
Conc: 11.86 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.005 min
Response: 88934445
Conc: 12.57 ng/ml



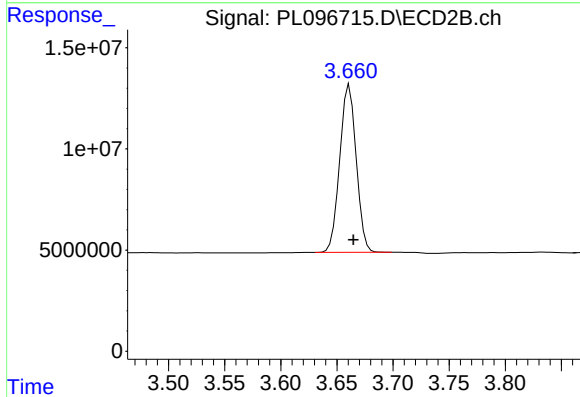
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.002 min
Response: 52260615
Conc: 11.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

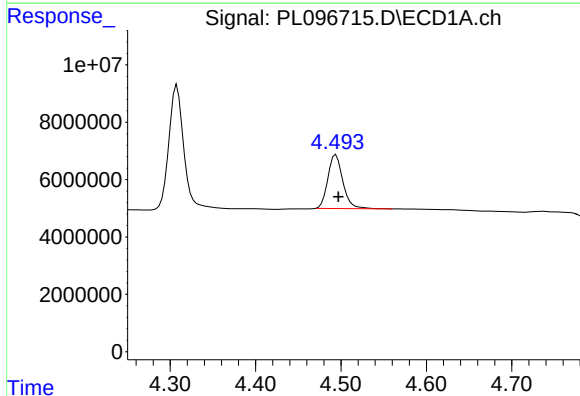
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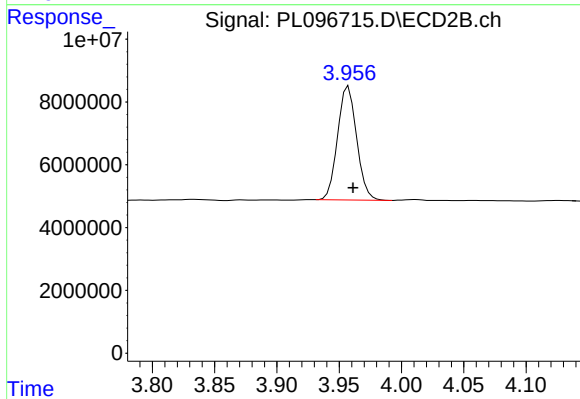
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 84709989
Conc: 12.83 ng/ml



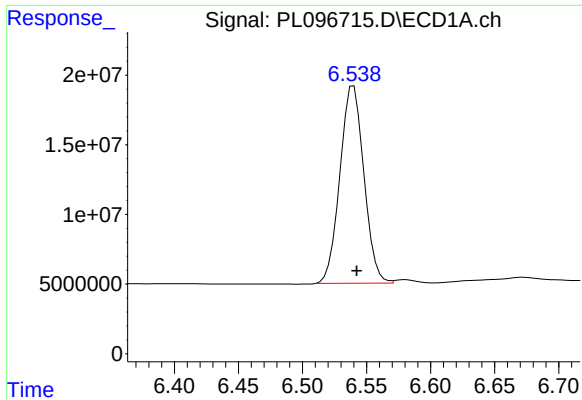
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 23031034
Conc: 12.76 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.004 min
Response: 38640115
Conc: 13.70 ng/ml



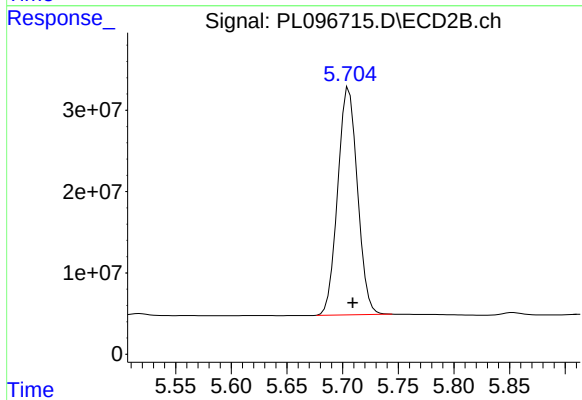
#14 Endrin

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 184223371
Conc: 60.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

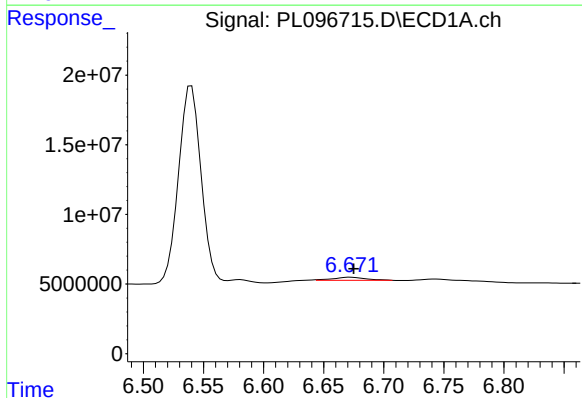
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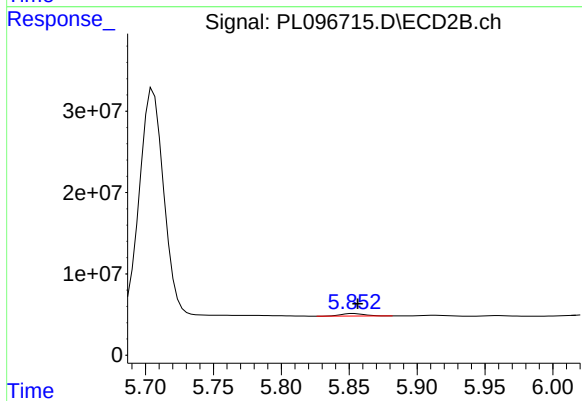
#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 345927360
Conc: 63.99 ng/ml



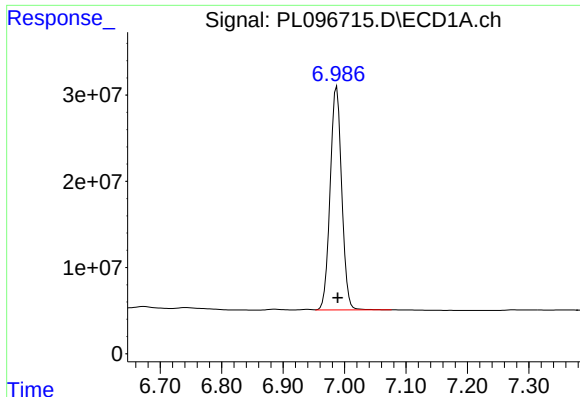
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 4241049
Conc: 1.68 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 3790014
Conc: 0.81 ng/ml m



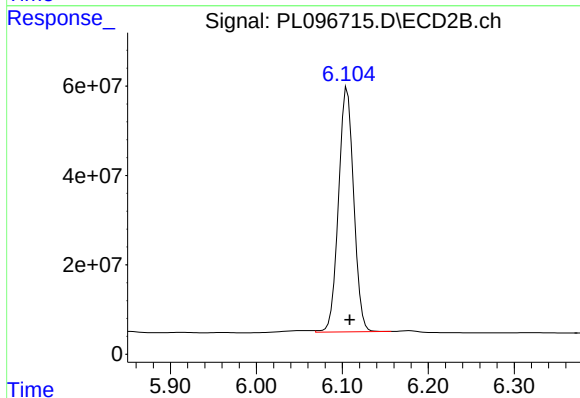
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 338345720
Conc: 117.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

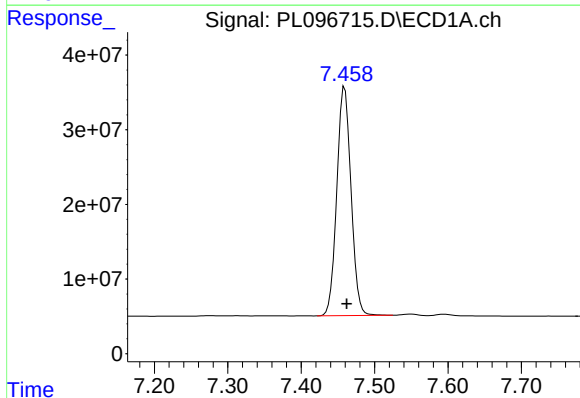
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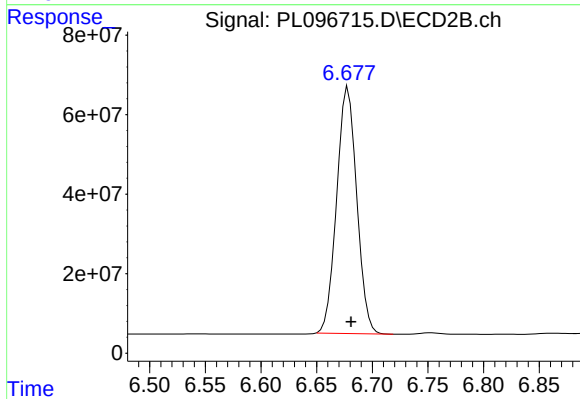
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 669906623
Conc: 132.44 ng/ml



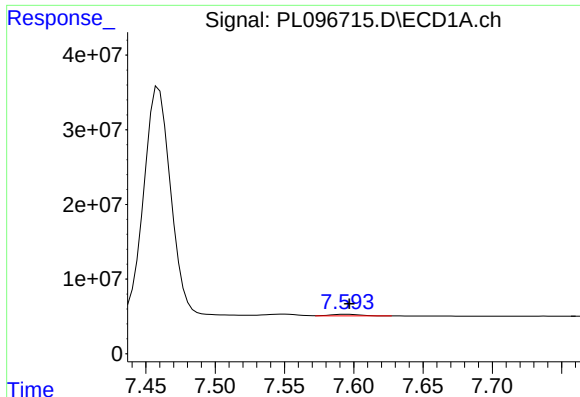
#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 413272194
Conc: 281.45 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 777803685
Conc: 283.82 ng/ml



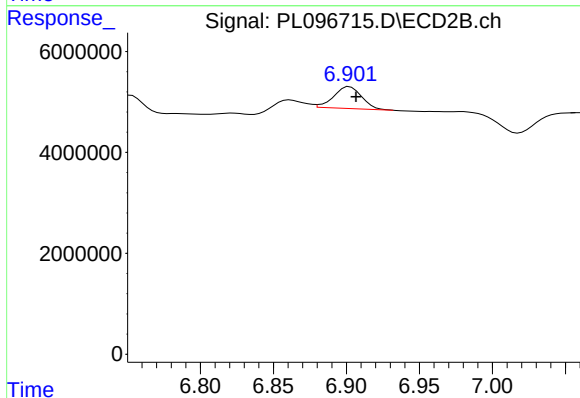
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.003 min
Response: 3230464
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

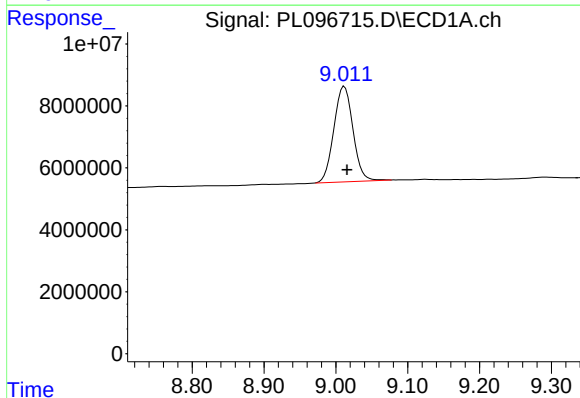
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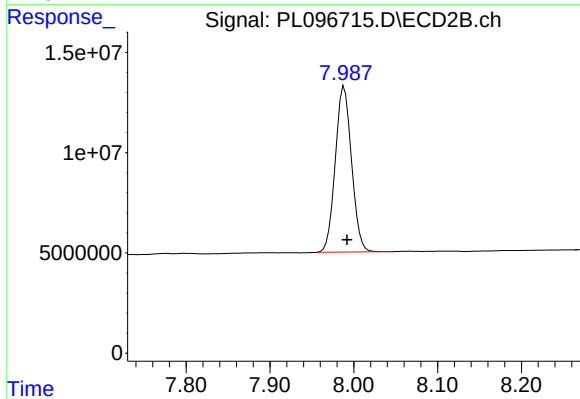
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 5744593
Conc: 1.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.004 min
Response: 56811994
Conc: 23.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 111410599
Conc: 25.68 ng/ml