

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072325\
 Data File : PL096531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 05:08:20 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...	3.534	2.827	76628428	127.0E6	21.000	22.005
28)	SA Decachlor...	9.014	7.990	59668387	109.6E6	21.211	21.971
Target Compounds							
2)	A alpha-BHC	3.982	3.332	52660422	92813115	10.239	11.004
3)	MA gamma-BHC...	4.309	3.664	52741224	86996399	10.591	11.046
6)	B beta-BHC	4.496	3.960	23174090	39757984	11.148	11.612
14)	MA Endrin	6.542	5.707	172.8E6	322.9E6	55.575	52.958
16)	A 4,4'-DDD	6.675	5.855	13614045	18875386	4.676	3.680
17)	MA 4,4'-DDT	6.989	6.107	314.7E6	591.8E6	103.675	103.181
18)	B Endrin al...	6.885	6.177	4875776	16974505	2.181m	3.811 #
20)	A Methoxychlor	7.461	6.679	388.9E6	727.7E6	246.846	239.550
21)	B Endrin ke...	7.596	6.904	6996133	12708572	2.119	2.033

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

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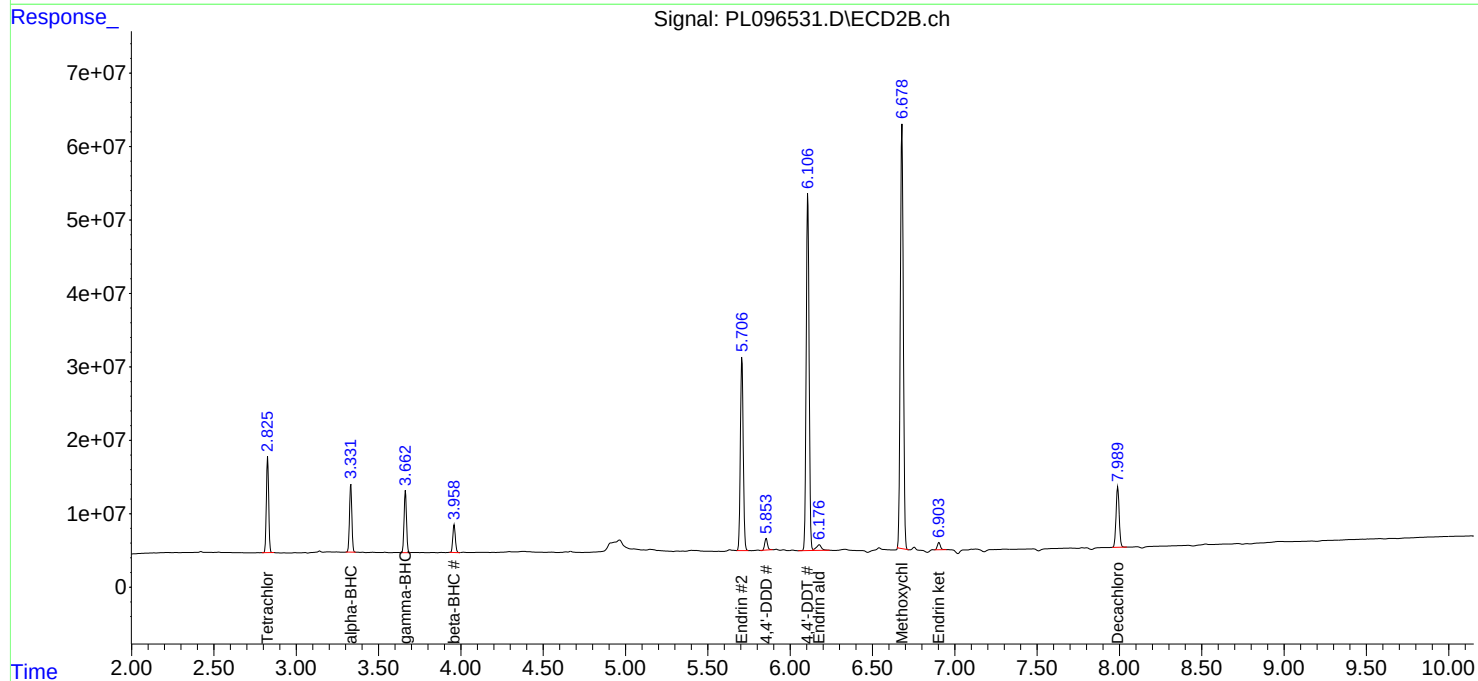
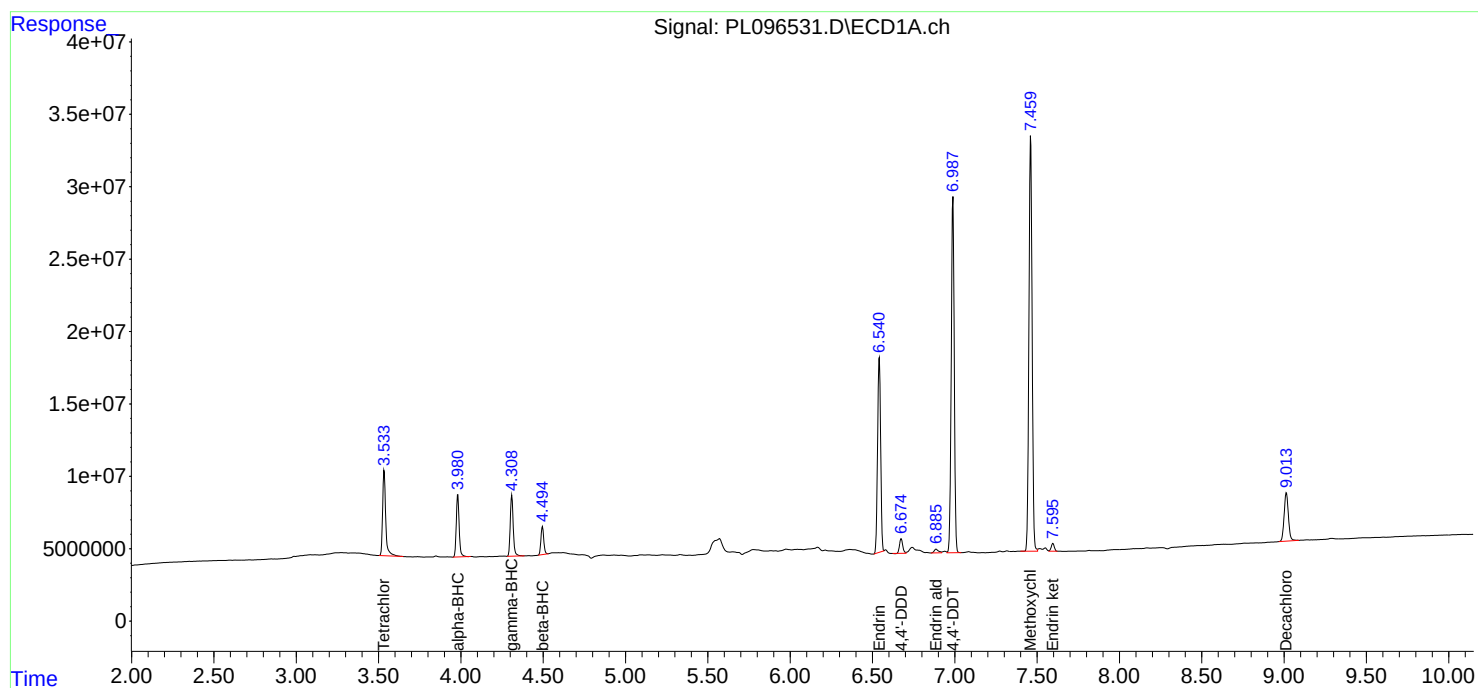
Instrument :
ECD_L
ClientSampleId :
PEM

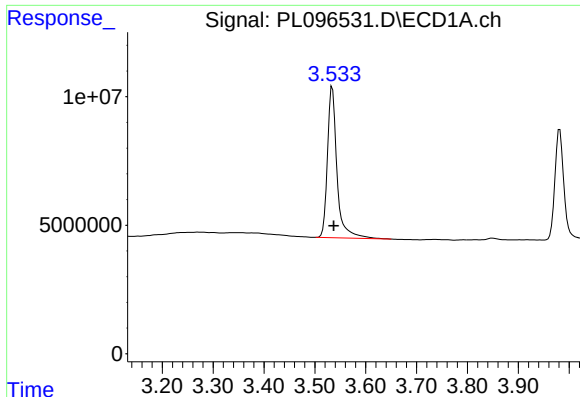
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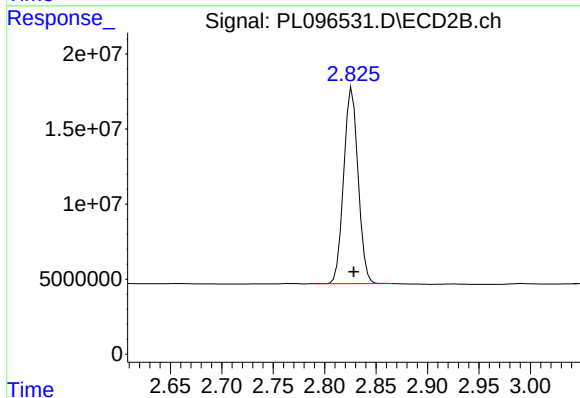
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 76628428
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

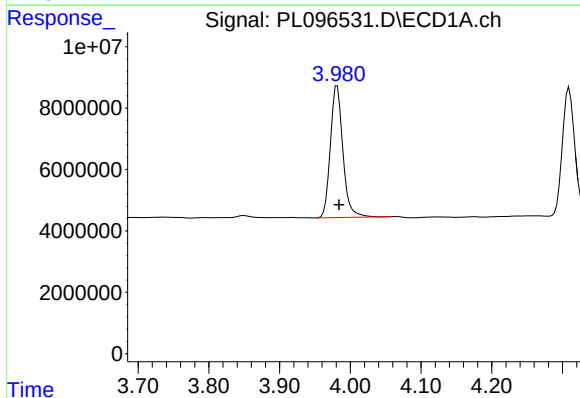
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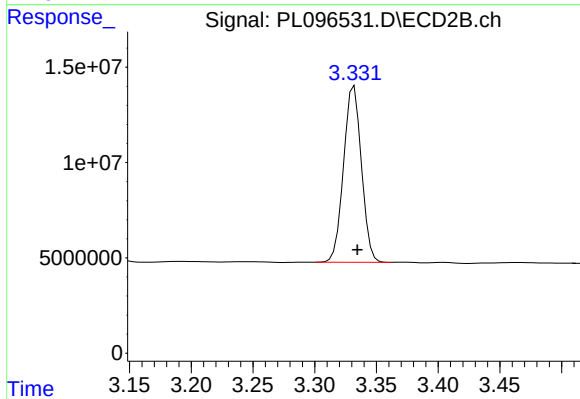
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 126995252
Conc: 22.00 ng/ml



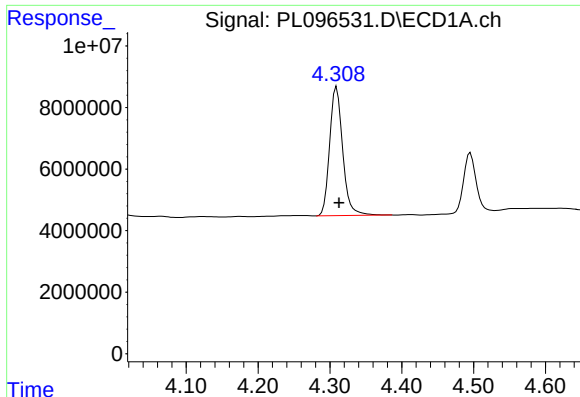
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.003 min
Response: 52660422
Conc: 10.24 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 92813115
Conc: 11.00 ng/ml



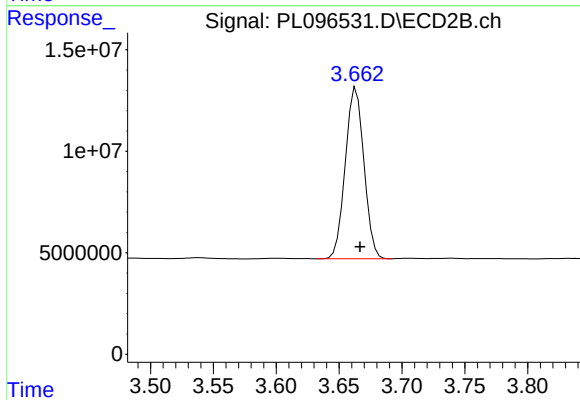
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.004 min
Response: 52741224
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

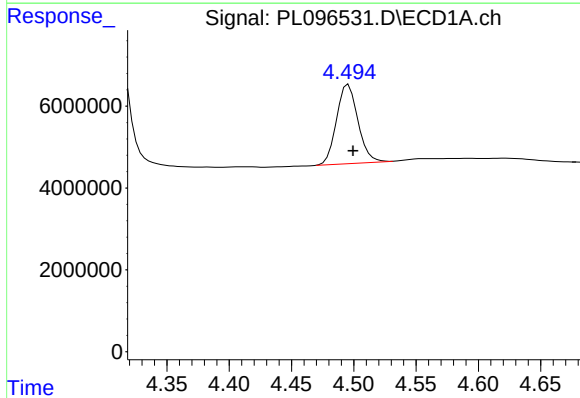
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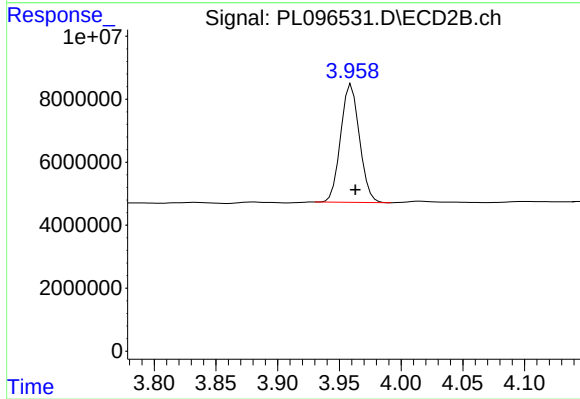
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.003 min
Response: 86996399
Conc: 11.05 ng/ml



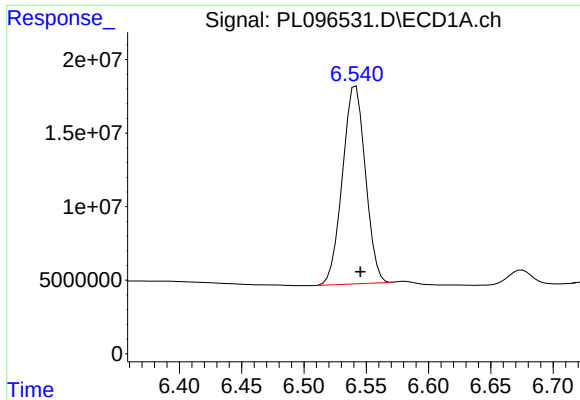
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.004 min
Response: 23174090
Conc: 11.15 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 39757984
Conc: 11.61 ng/ml



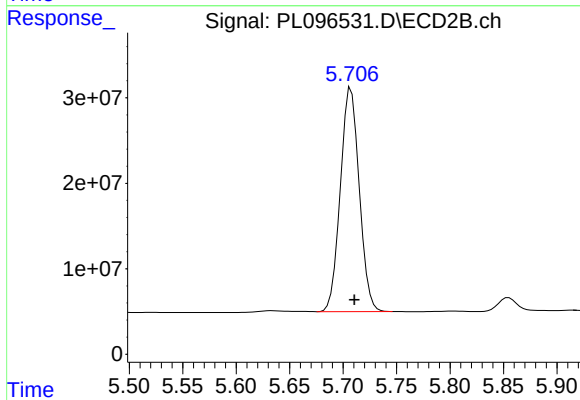
#14 Endrin

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 172848452
Conc: 55.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

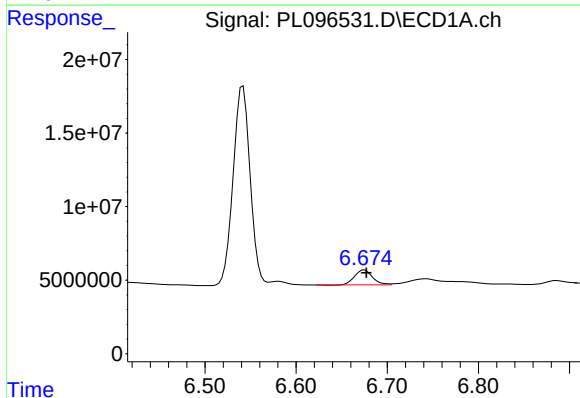
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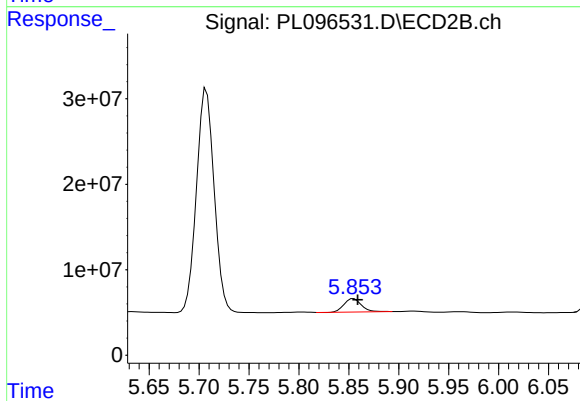
#14 Endrin

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 322855918
Conc: 52.96 ng/ml



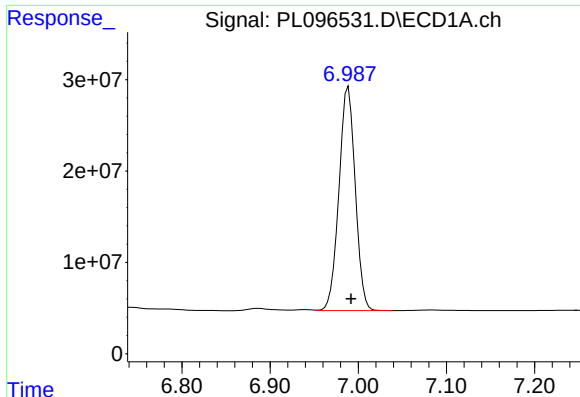
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 13614045
Conc: 4.68 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 18875386
Conc: 3.68 ng/ml



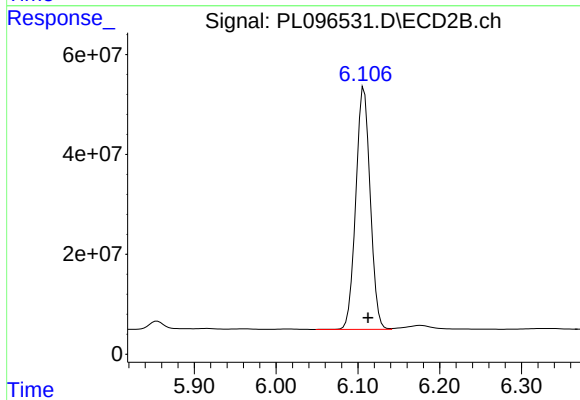
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 314676186
Conc: 103.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

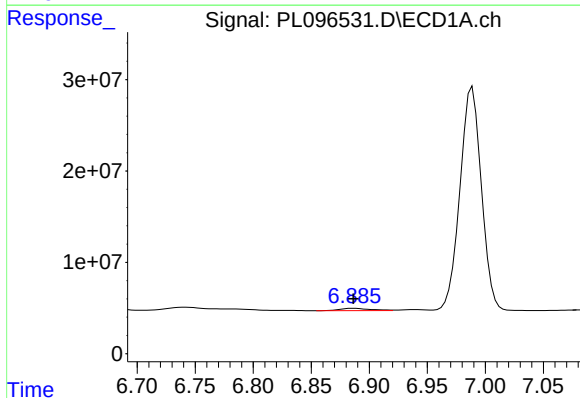
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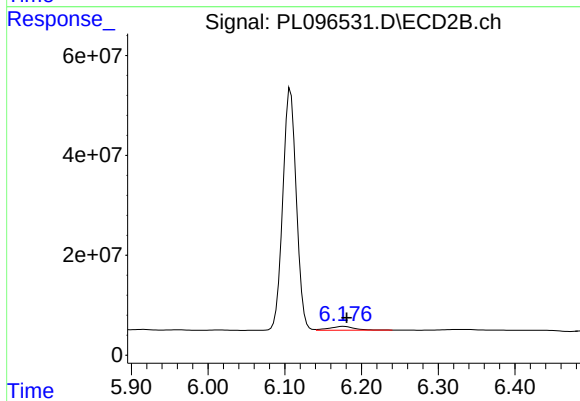
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 591754038
Conc: 103.18 ng/ml



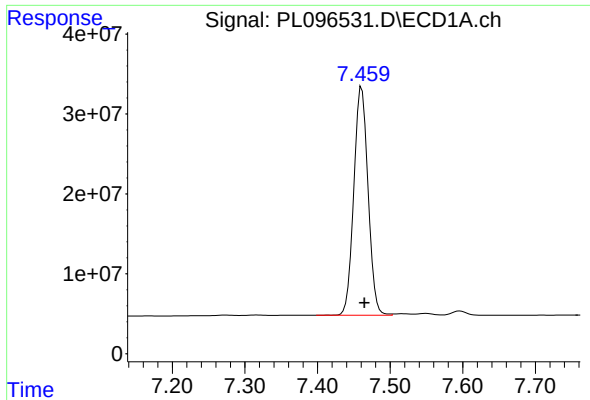
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 4875776
Conc: 2.18 ng/ml m



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 16974505
Conc: 3.81 ng/ml



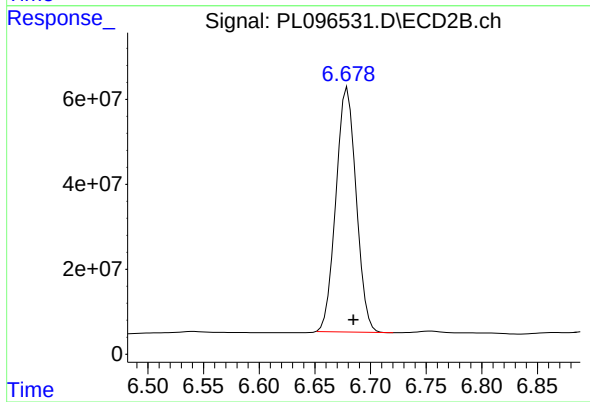
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.004 min
Response: 388880058
Conc: 246.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

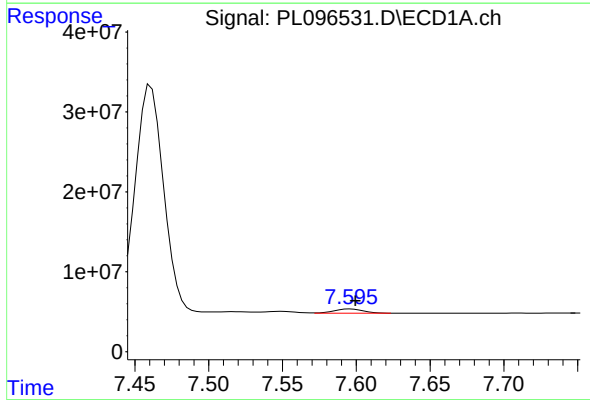
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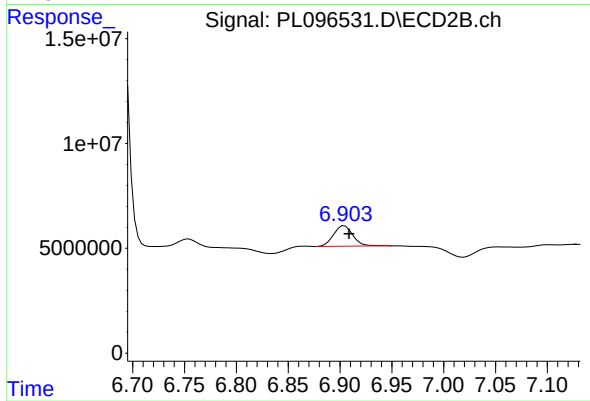
#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 727698692
Conc: 239.55 ng/ml



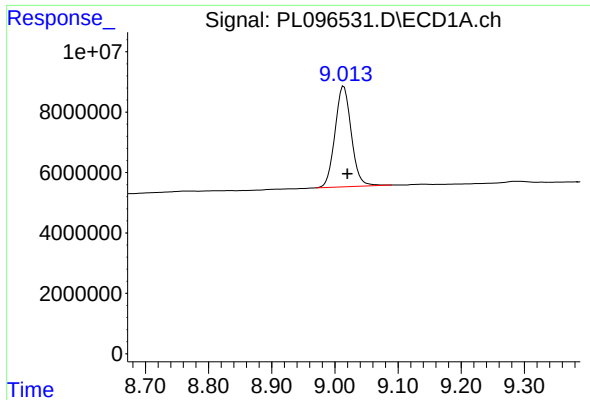
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 6996133
Conc: 2.12 ng/ml



#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.005 min
Response: 12708572
Conc: 2.03 ng/ml



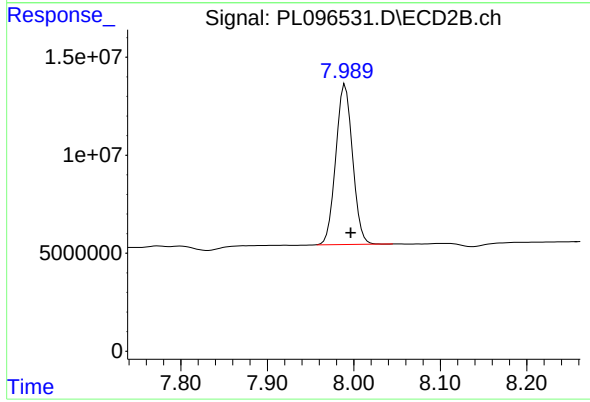
#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.006 min
Response: 59668387
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 109557709
Conc: 21.97 ng/ml