

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 17:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:14:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.529	2.824	68297560	101.3E6	21.472	21.197
28)	SA Decachlor...	9.007	7.988	49740610	100.0E6	20.859	23.051
Target Compounds							
2)	A alpha-BHC	3.975	3.329	48725345	72344485	10.532m	10.222
3)	MA gamma-BHC...	4.303	3.661	47654639	69051013	10.773m	10.457
6)	B beta-BHC	4.490	3.957	20135954	32151983	11.156m	11.398
14)	MA Endrin	6.534	5.705	152.9E6	280.1E6	50.502m	51.819
16)	A 4,4'-DDD	6.668	5.852	8587172	15499088	3.396	3.294
17)	MA 4,4'-DDT	6.983	6.105	278.0E6	529.1E6	96.930	104.609
18)	B Endrin al...	6.879	6.175	2507591	14221836	1.169m	3.912 #
20)	A Methoxychlor	7.456	6.678	346.5E6	633.7E6	235.965	231.250
21)	B Endrin ke...	7.591	6.903	7426655	15217117	2.470	2.732

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

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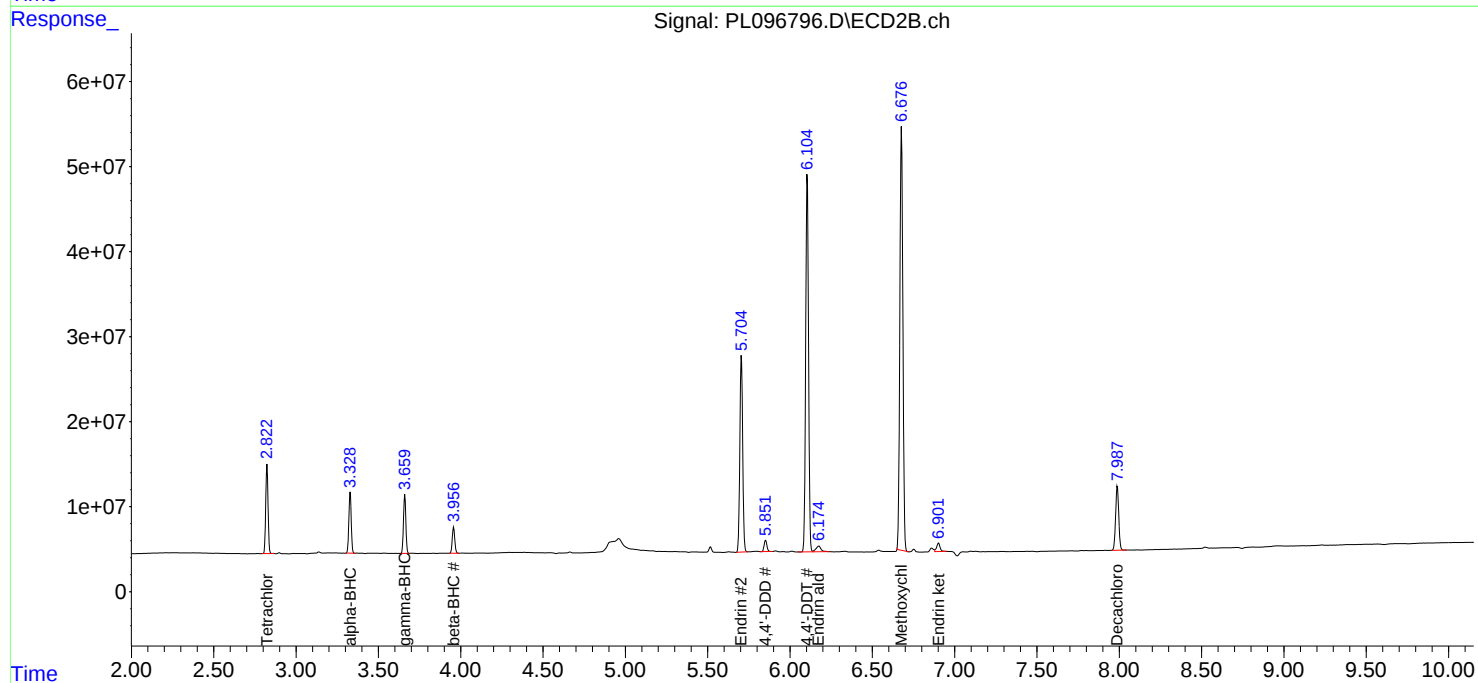
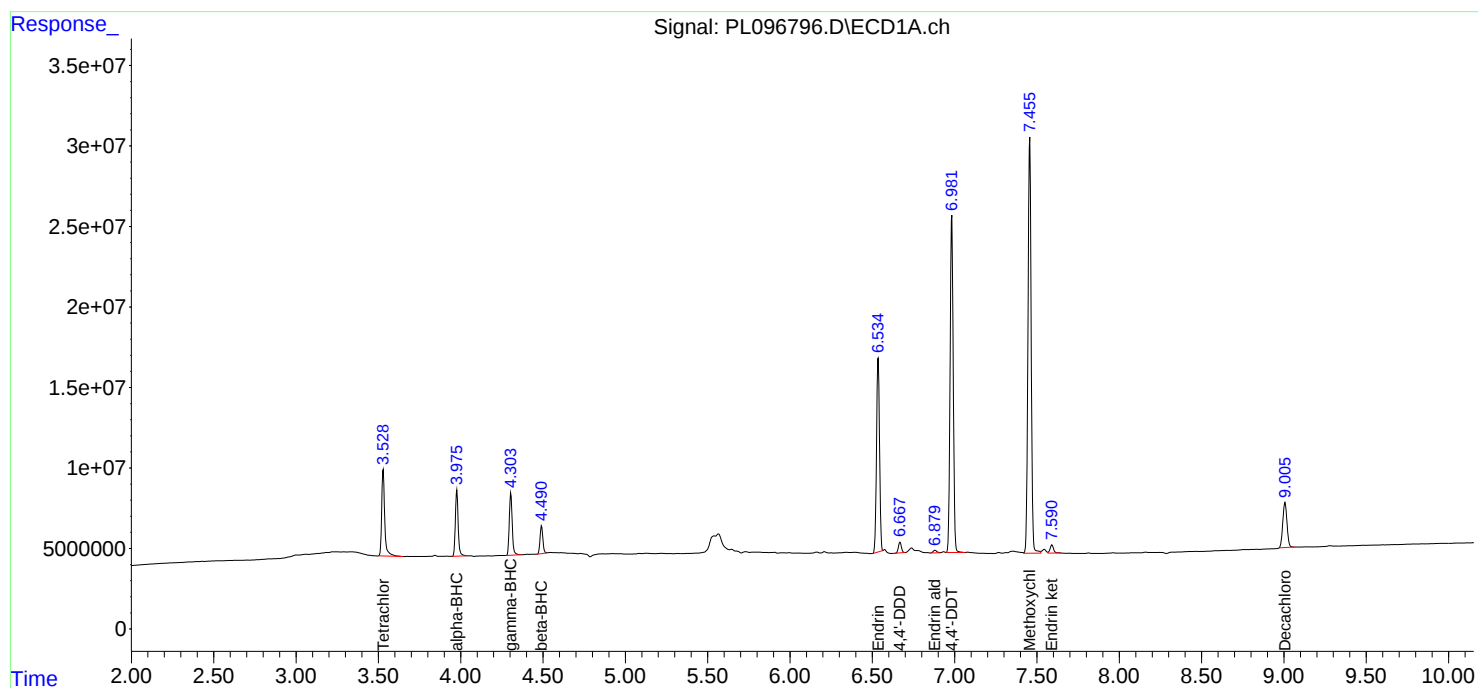
Instrument :
ECD_L
ClientSampleId :
PEM

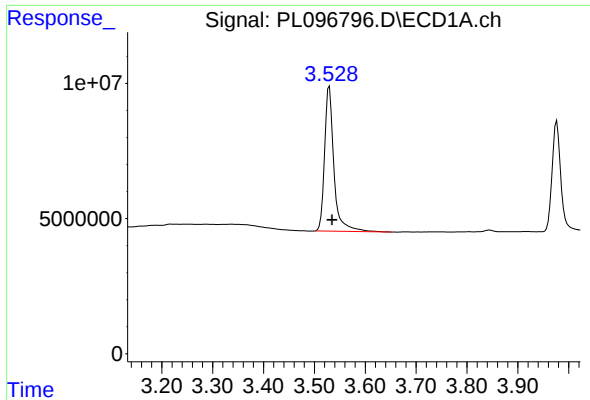
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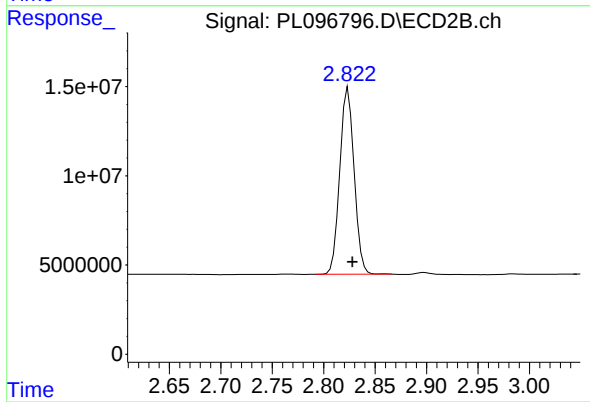
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 68297560
Conc: 21.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

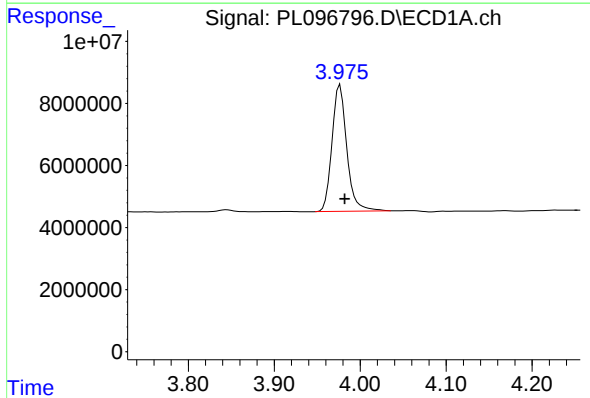
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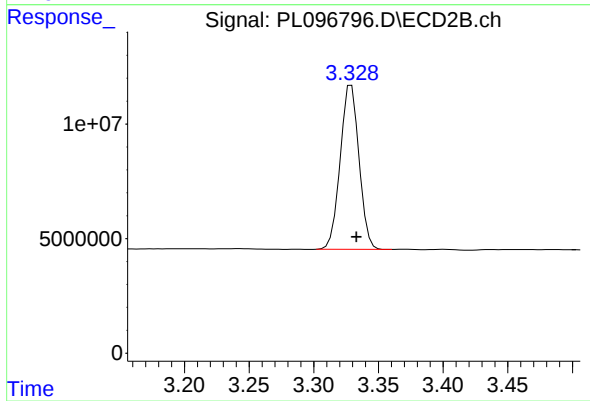
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 101273043
Conc: 21.20 ng/ml



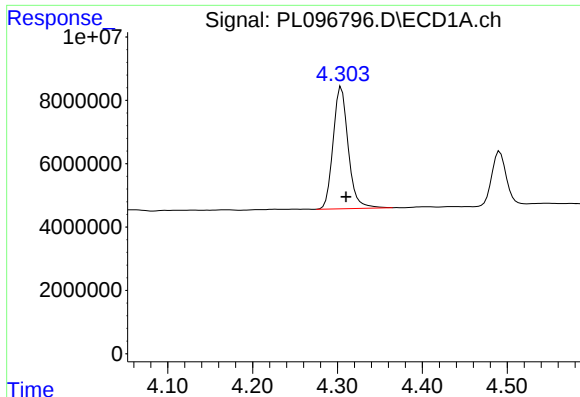
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.007 min
Response: 48725345
Conc: 10.53 ng/ml m



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 72344485
Conc: 10.22 ng/ml



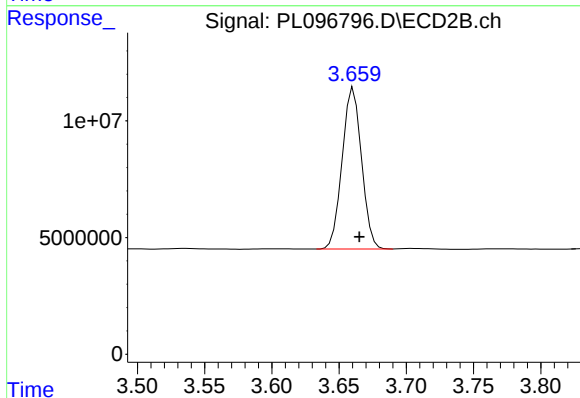
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.007 min
Response: 47654639
Conc: 10.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

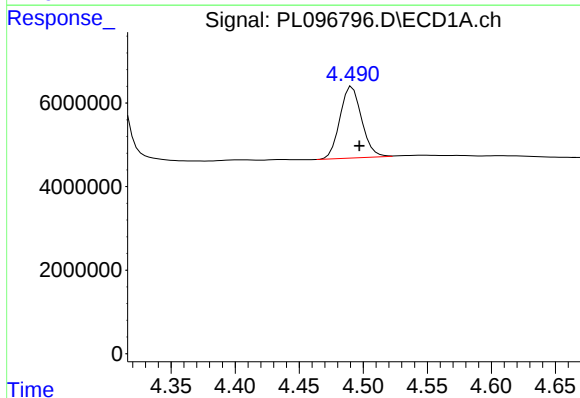
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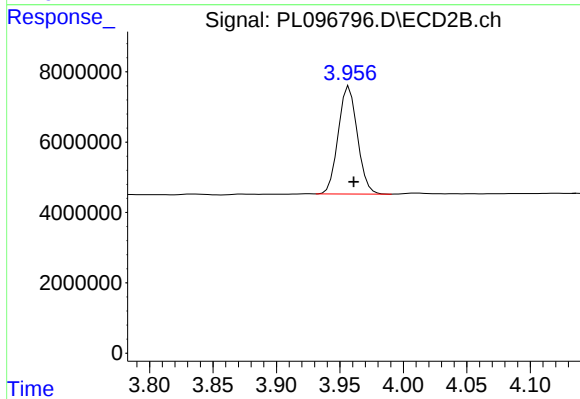
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 69051013
Conc: 10.46 ng/ml



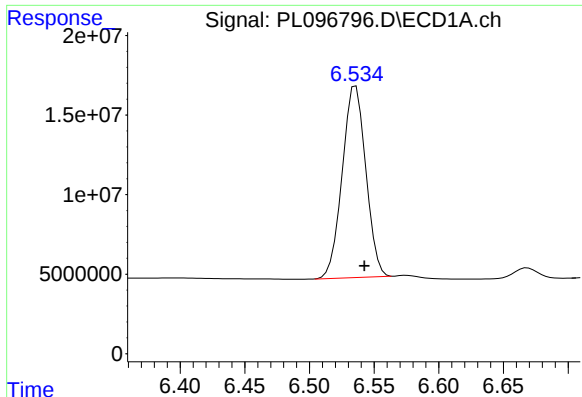
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 20135954
Conc: 11.16 ng/ml m



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.004 min
Response: 32151983
Conc: 11.40 ng/ml



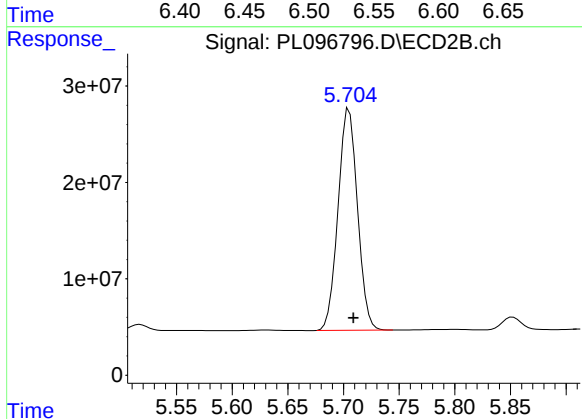
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.008 min
Response: 152858860
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

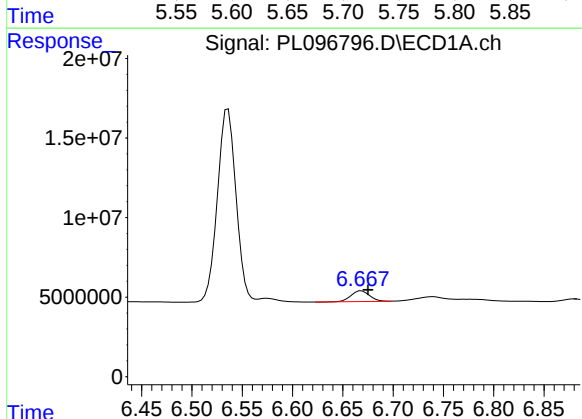
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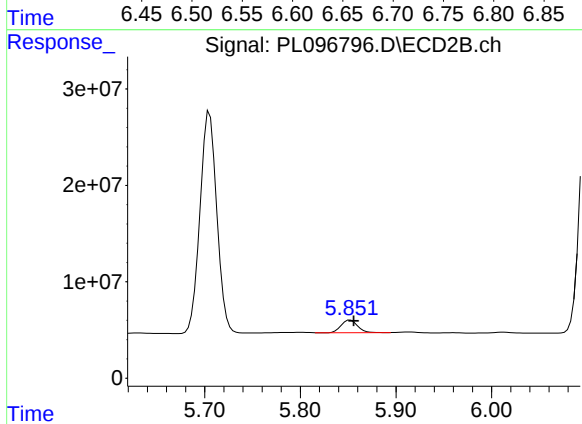
#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 280130222
Conc: 51.82 ng/ml



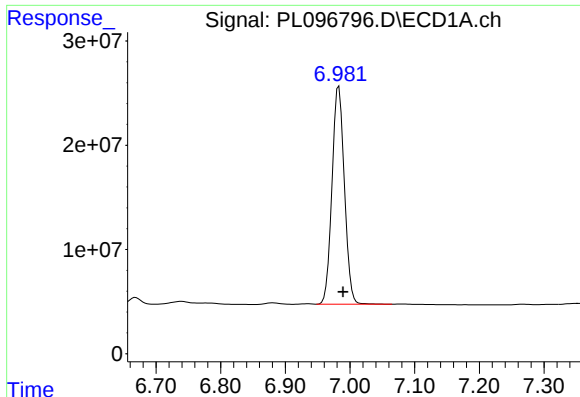
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 8587172
Conc: 3.40 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 15499088
Conc: 3.29 ng/ml



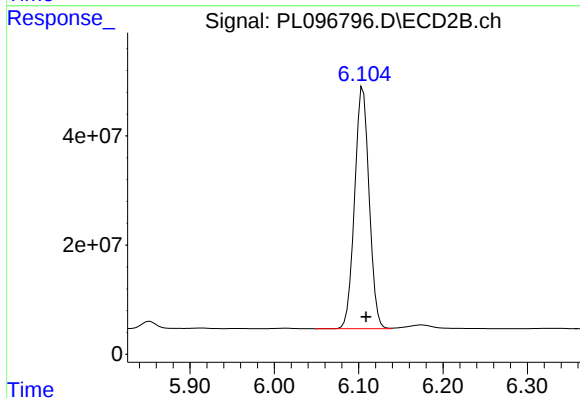
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 277965982
Conc: 96.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

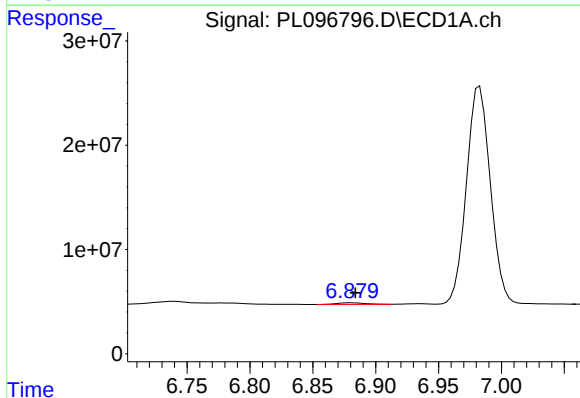
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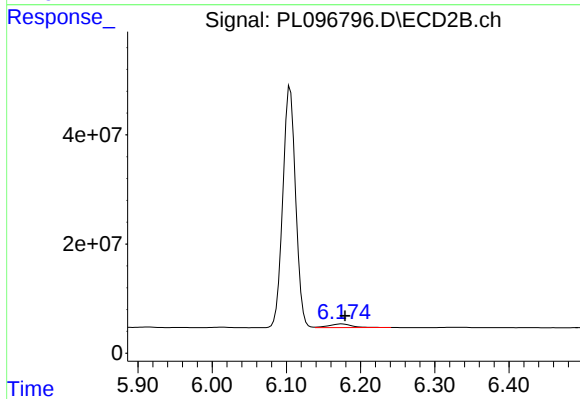
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 529144221
Conc: 104.61 ng/ml



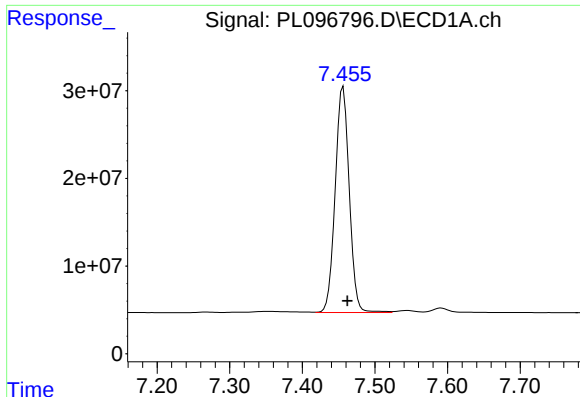
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: -0.005 min
Response: 2507591
Conc: 1.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 14221836
Conc: 3.91 ng/ml



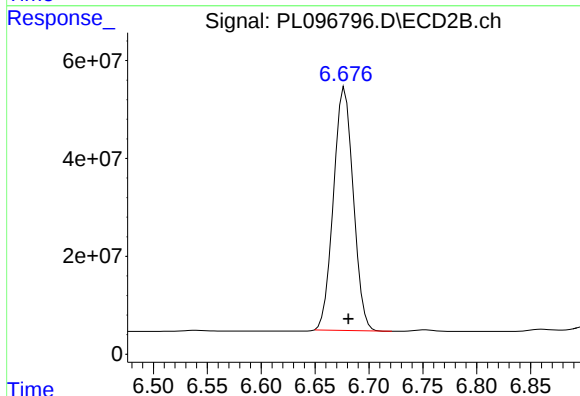
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 346480567
Conc: 235.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

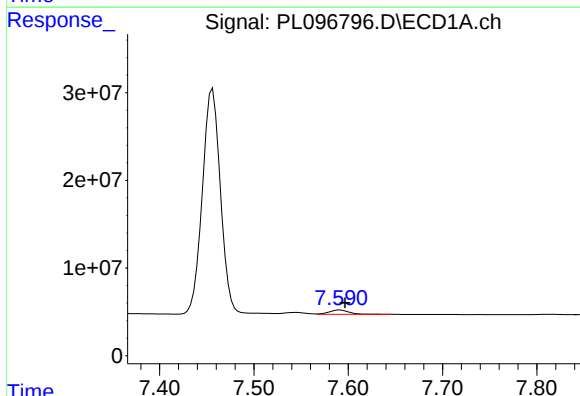
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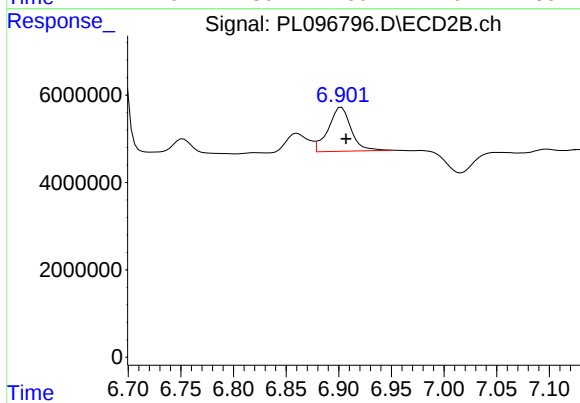
#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 633738941
Conc: 231.25 ng/ml



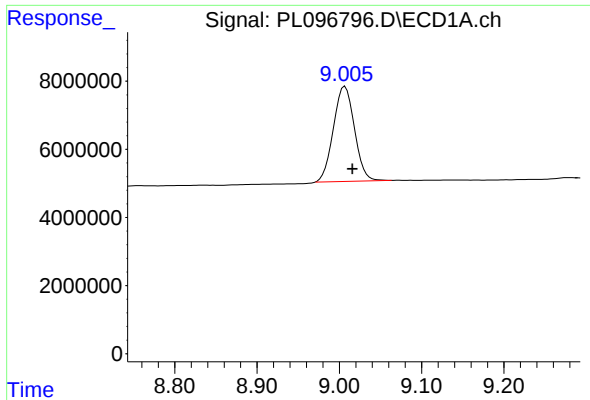
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 7426655
Conc: 2.47 ng/ml



#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 15217117
Conc: 2.73 ng/ml



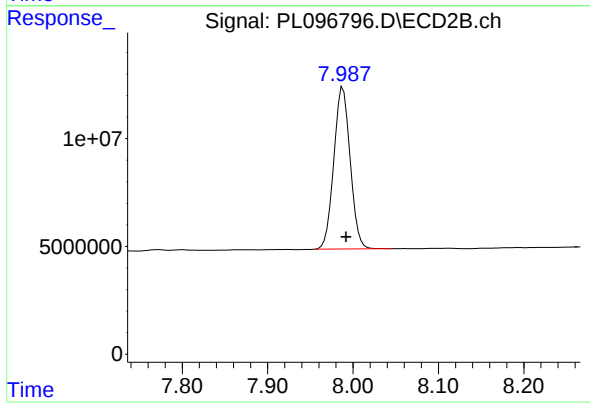
#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: -0.009 min
Response: 49740610
Conc: 20.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 100004354
Conc: 23.05 ng/ml