

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071725\
 Data File : PL096427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 11:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/18/2025
 Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 18:17:17 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...	3.536	2.827	77296249	130.5E6	21.183	22.615
28)	SA Decachlor...	9.021	7.994	56815494	106.0E6	20.197	21.265
Target Compounds							
2)	A alpha-BHC	3.983	3.333	53828892	95879487	10.466	11.368
3)	MA gamma-BHC...	4.312	3.665	54836710	90626205	11.012	11.507
6)	B beta-BHC	4.498	3.961	23602585	40986712	11.354	11.971
14)	MA Endrin	6.545	5.709	178.3E6	355.1E6	57.312	58.244
16)	A 4,4'-DDD	6.678	5.857	7868367	10772665	2.702	2.100
17)	MA 4,4'-DDT	6.993	6.109	325.6E6	669.7E6	107.271	116.775
18)	B Endrin al...	6.889	6.181	3863679	12424512	1.728m	2.789 #
20)	A Methoxychlor	7.465	6.682	400.4E6	765.7E6	254.141	252.048
21)	B Endrin ke...	7.601	6.907	5077339	10615403	1.538	1.698

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

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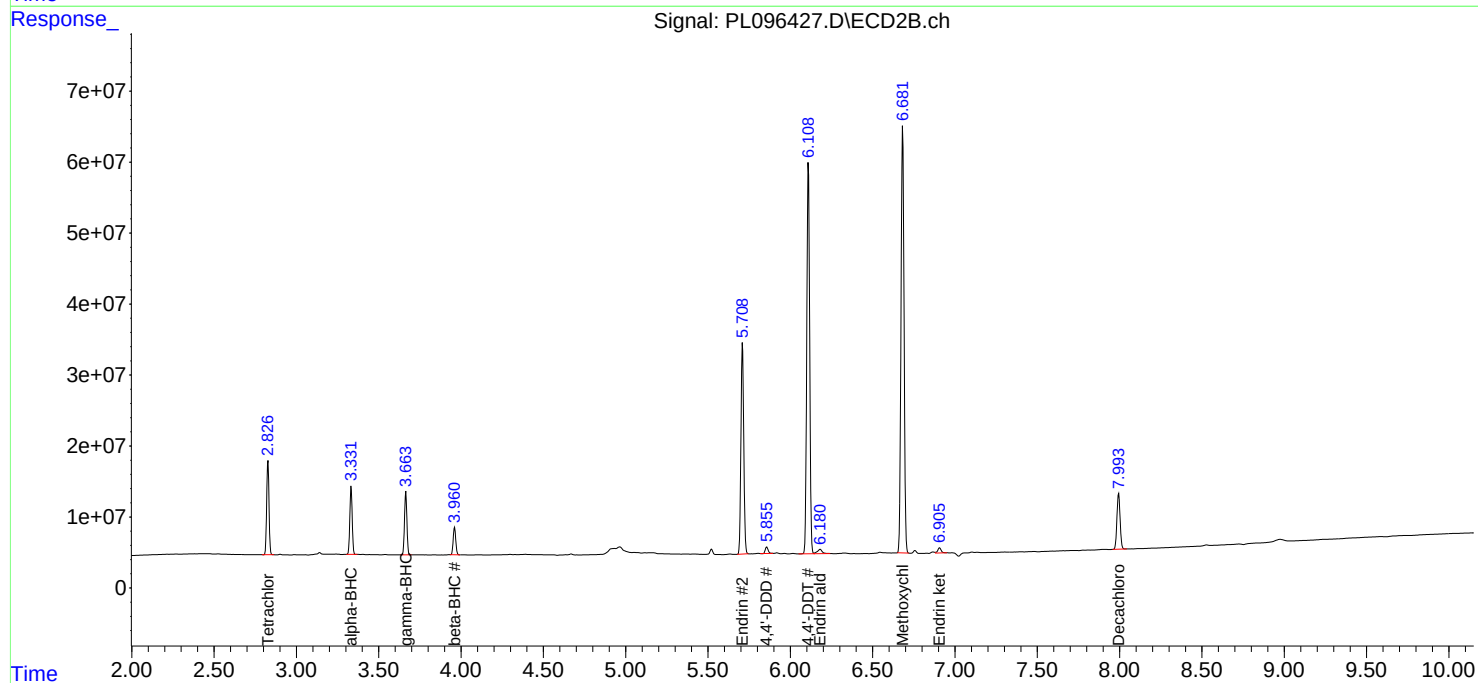
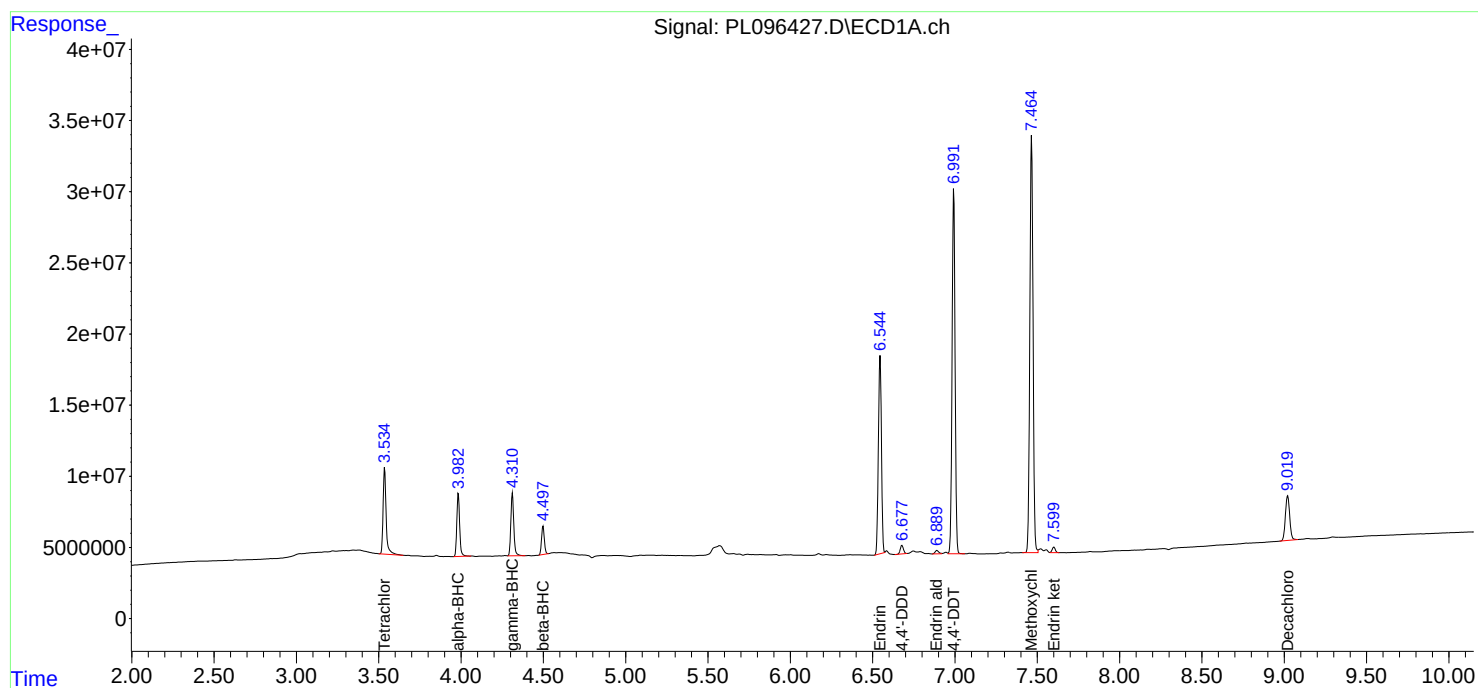
Instrument :
ECD_L
ClientSampleId :
PEM

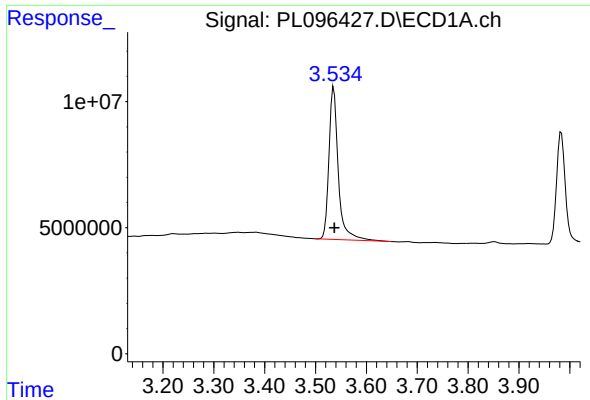
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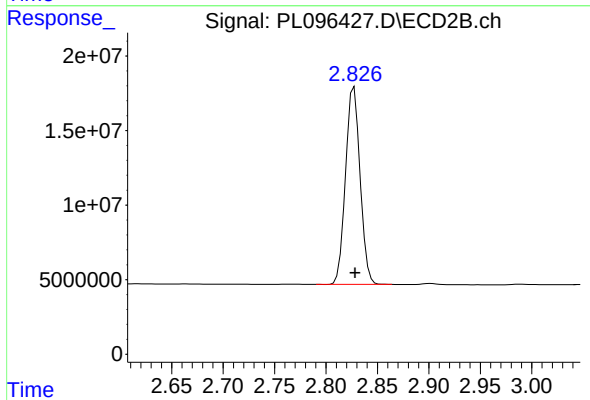
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 77296249
Conc: 21.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

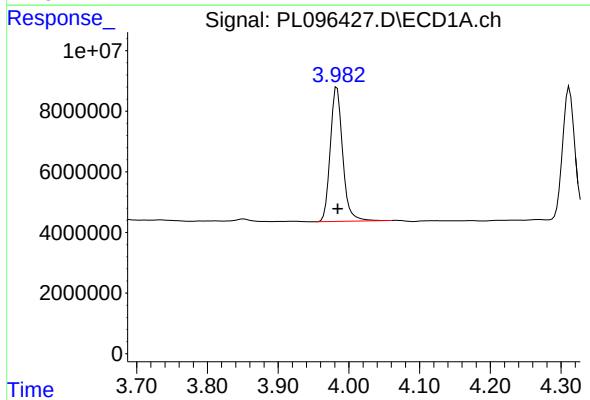
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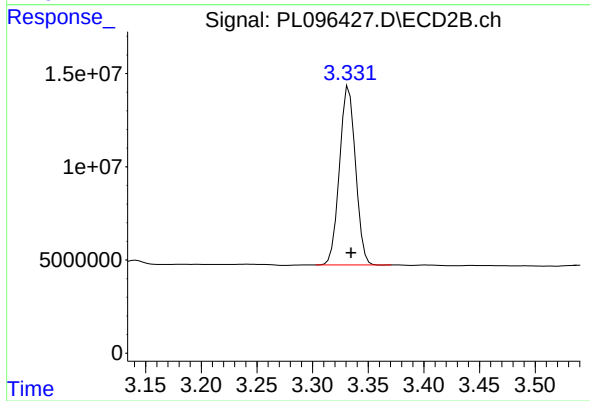
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 130513330
Conc: 22.61 ng/ml



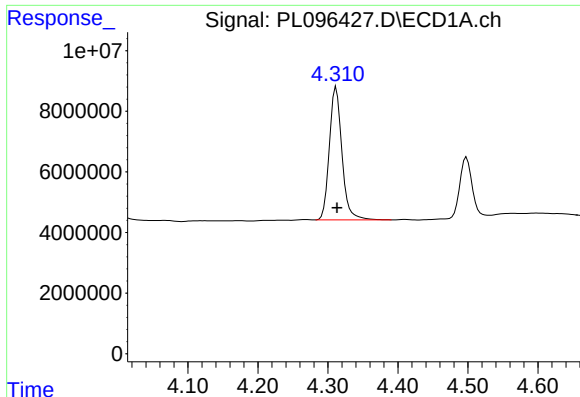
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 53828892
Conc: 10.47 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 95879487
Conc: 11.37 ng/ml



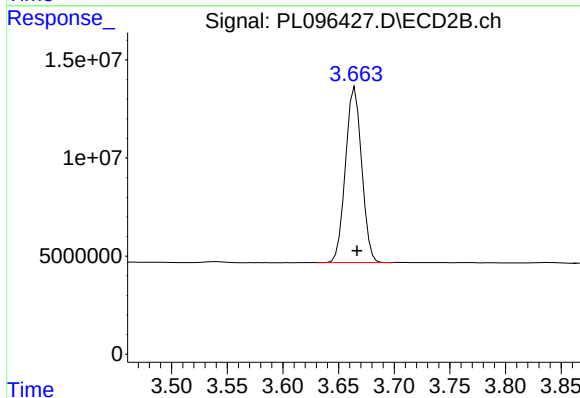
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 54836710
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

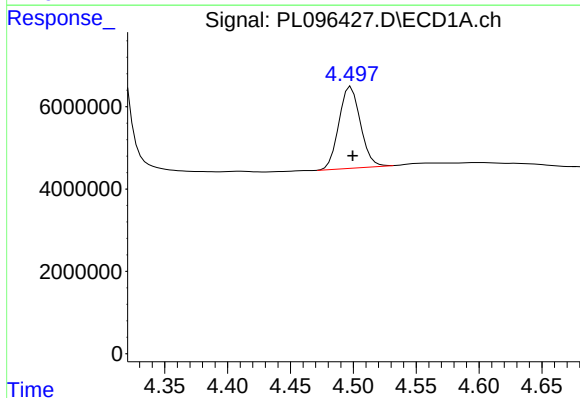
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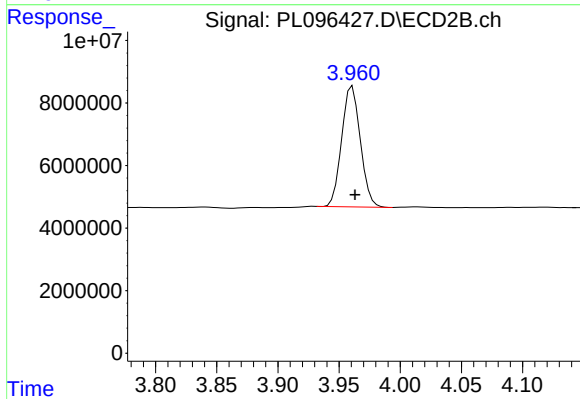
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 90626205
Conc: 11.51 ng/ml



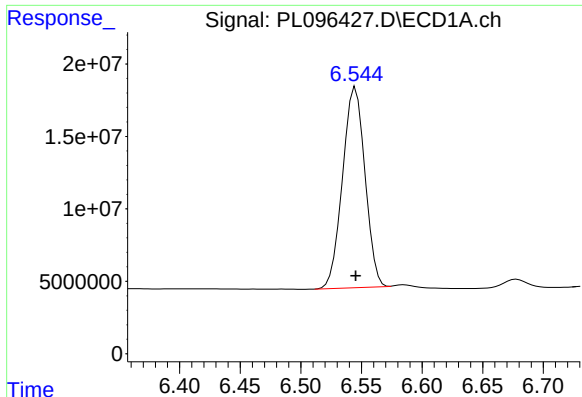
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 23602585
Conc: 11.35 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 40986712
Conc: 11.97 ng/ml



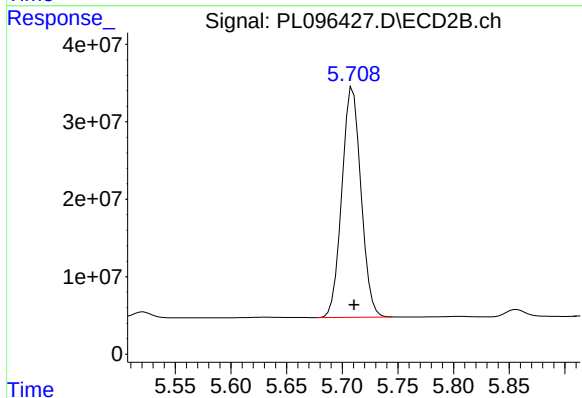
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 178253125
Conc: 57.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

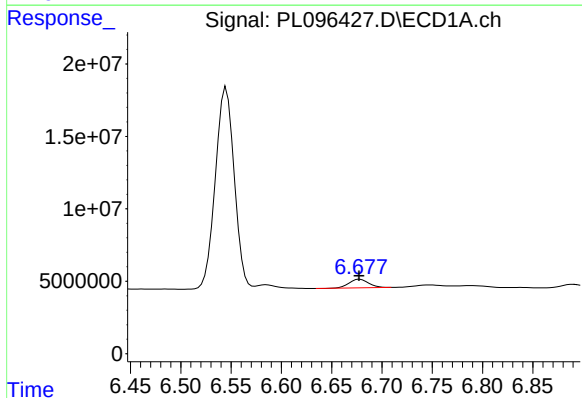
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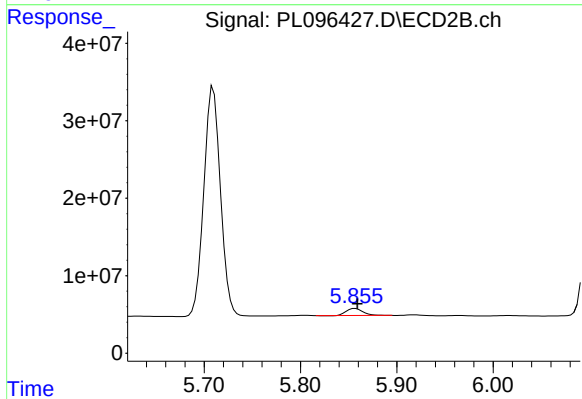
#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 355086336
Conc: 58.24 ng/ml



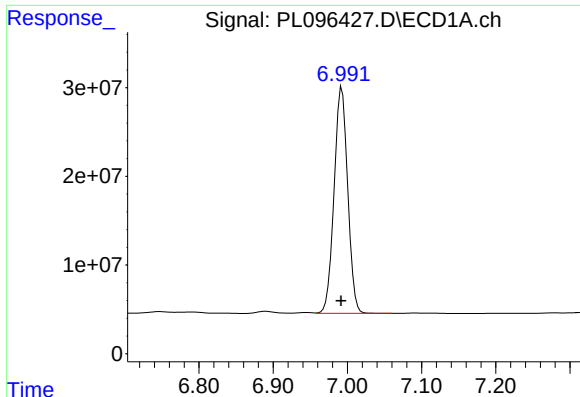
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 7868367
Conc: 2.70 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 10772665
Conc: 2.10 ng/ml



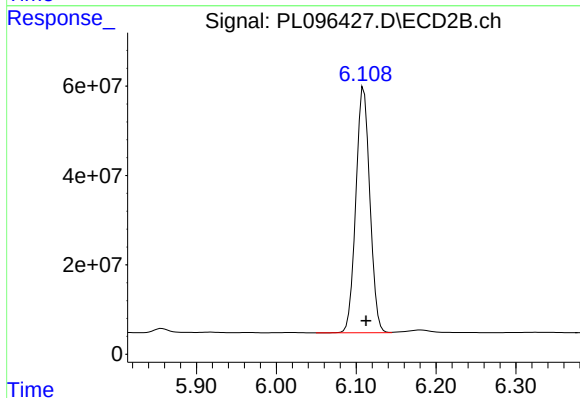
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 325590314
Conc: 107.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

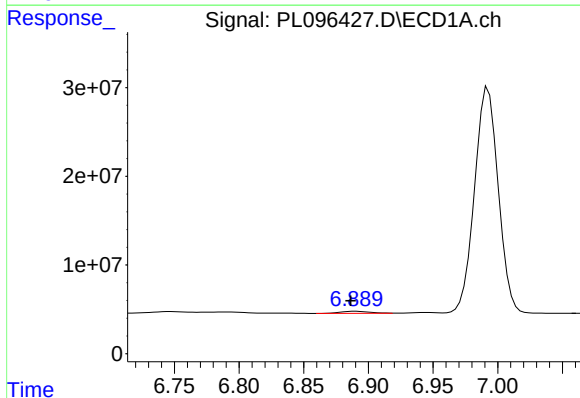
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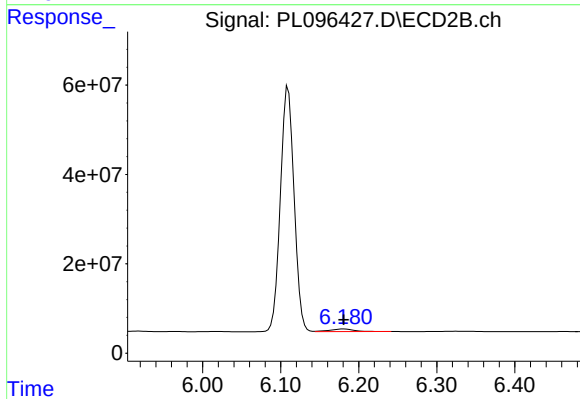
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 669721345
Conc: 116.78 ng/ml



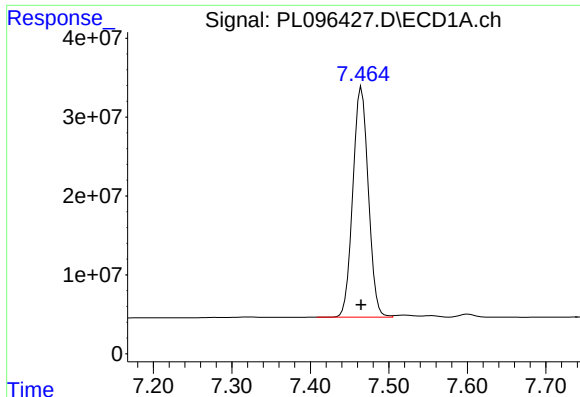
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 3863679
Conc: 1.73 ng/ml m



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 12424512
Conc: 2.79 ng/ml



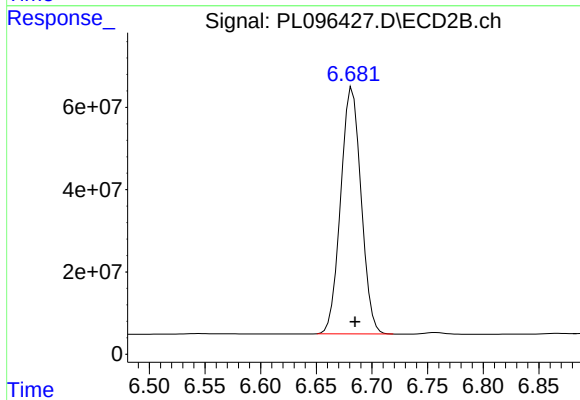
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 400373341
Conc: 254.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

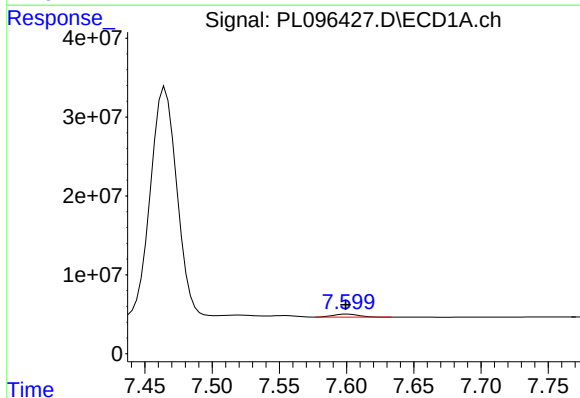
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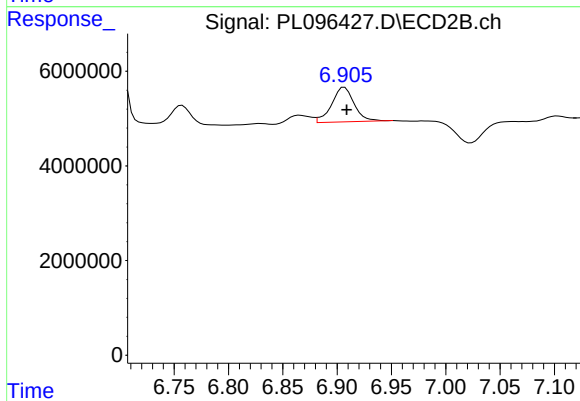
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 765664467
Conc: 252.05 ng/ml



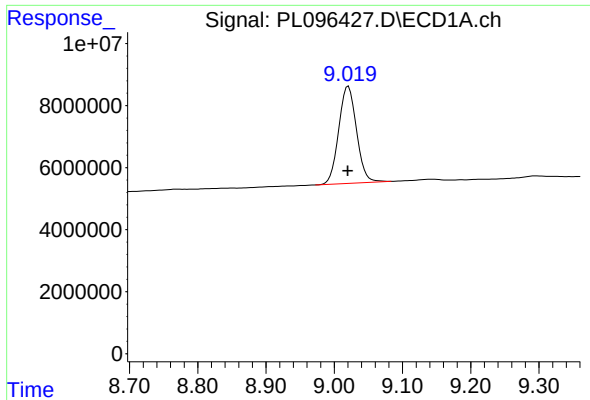
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.001 min
Response: 5077339
Conc: 1.54 ng/ml



#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 10615403
Conc: 1.70 ng/ml



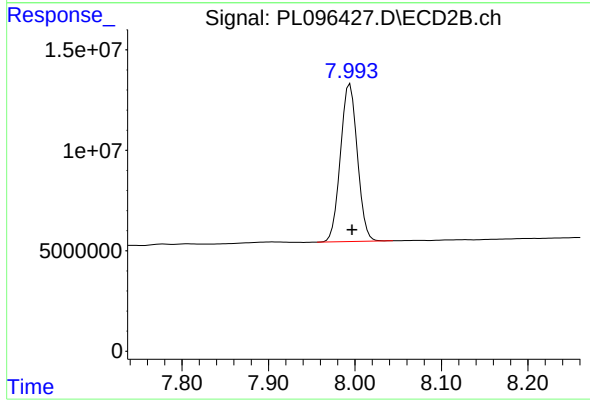
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 56815494
Conc: 20.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 106035754
Conc: 21.26 ng/ml