

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 12:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:50:09 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...	3.534	2.824	69343348	112.5E6	21.801	23.556
28)	SA Decachlor...	9.021	7.993	53428086	104.3E6	22.405	24.045
Target Compounds							
2)	A alpha-BHC	3.982	3.330	49095033	81987666	10.612	11.585
3)	MA gamma-BHC...	4.310	3.662	47713884	77572577	10.787	11.747
6)	B beta-BHC	4.497	3.959	20180919	34490489	11.181	12.227
14)	MA Endrin	6.545	5.708	184.1E6	340.3E6	60.819	62.942
16)	A 4,4'-DDD	6.676	5.854	2124266	3023948	0.840m	0.643m
17)	MA 4,4'-DDT	6.992	6.108	324.2E6	622.4E6	113.067	123.049
20)	A Methoxychlor	7.465	6.681	403.5E6	771.2E6	274.767	281.398
21)	B Endrin ke...	7.598	6.904	3101264	3435022	1.031m	0.617m#

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

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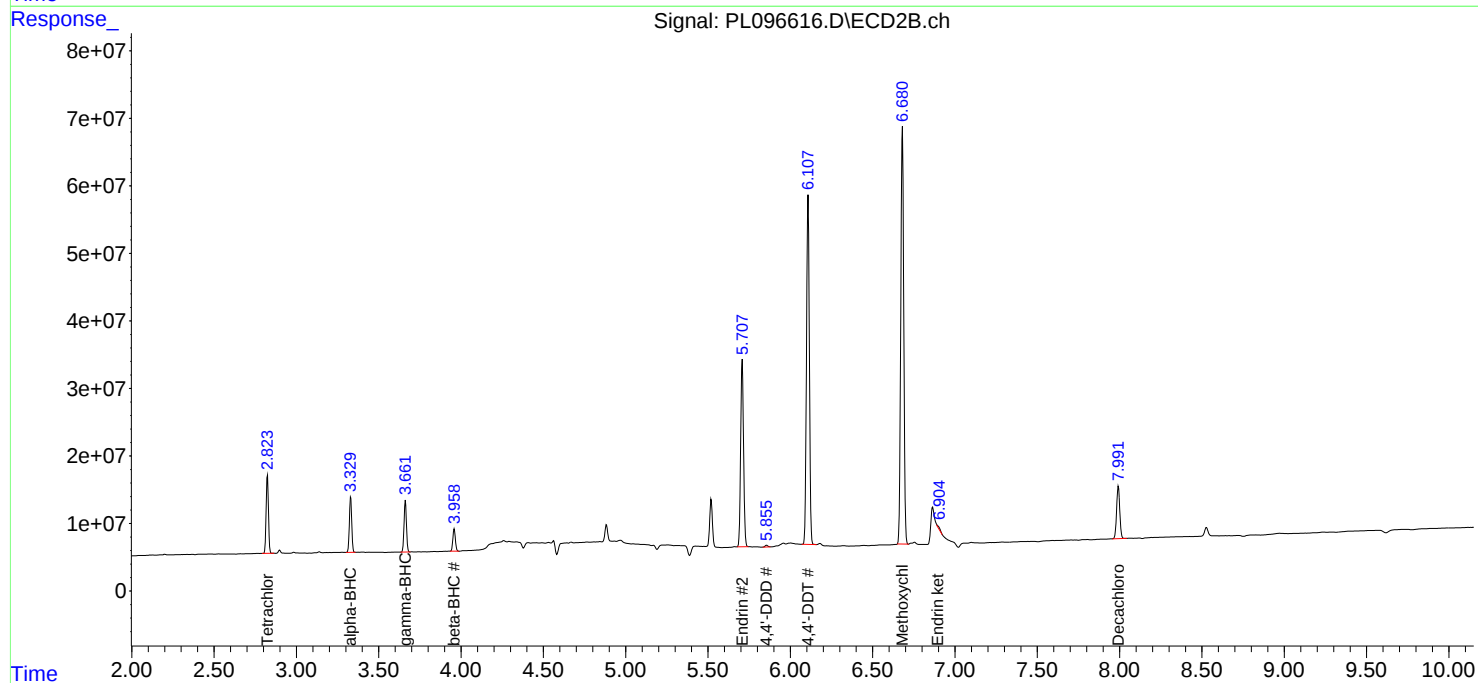
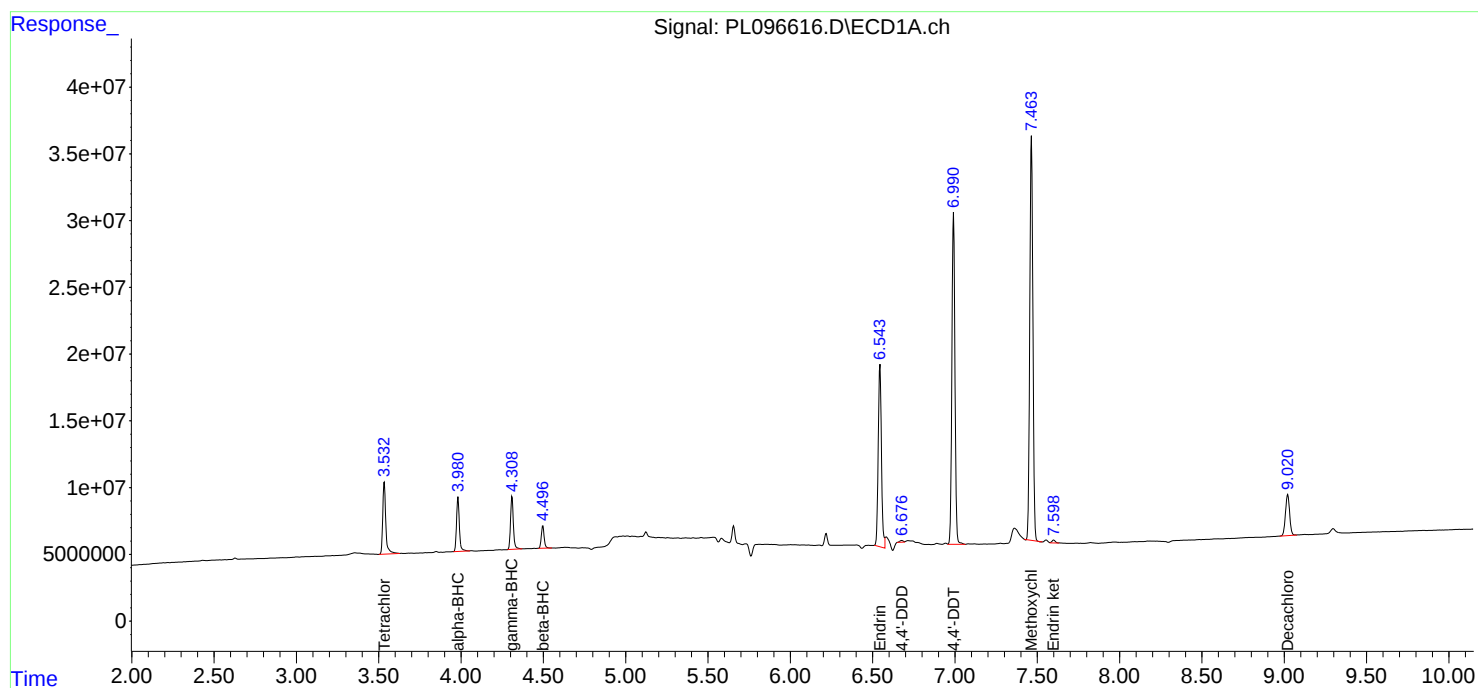
Instrument :
ECD_L
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PEM

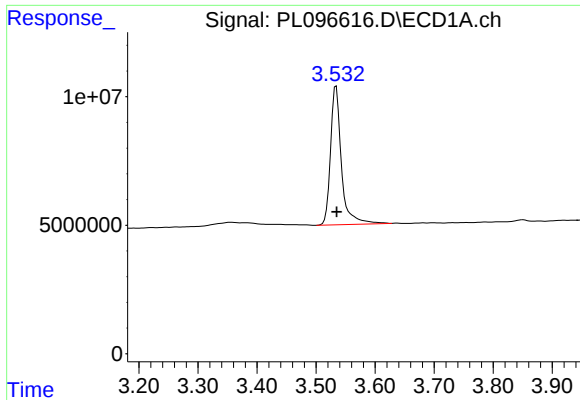
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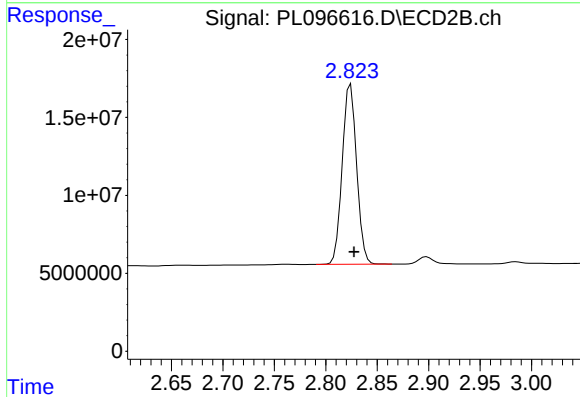
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 69343348
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

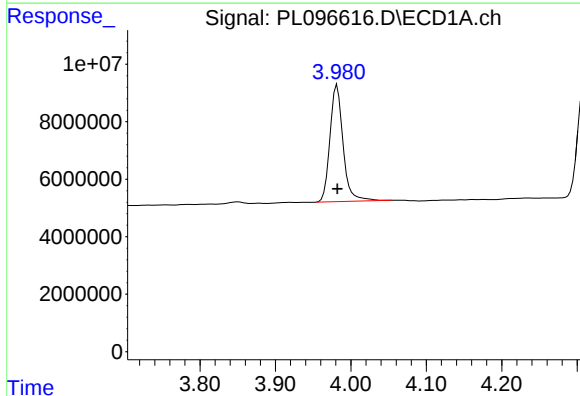
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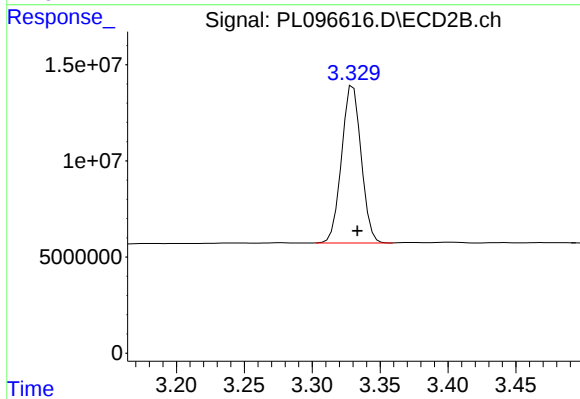
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.003 min
Response: 112547432
Conc: 23.56 ng/ml



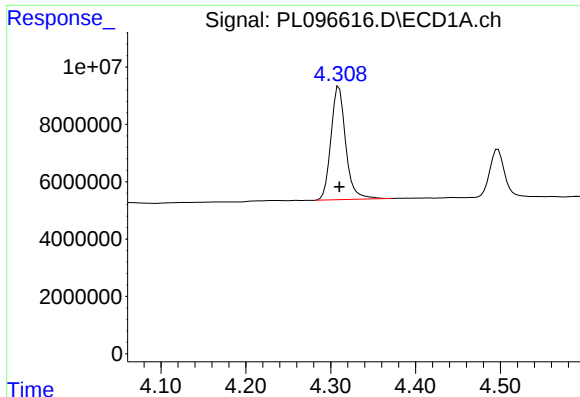
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 49095033
Conc: 10.61 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 81987666
Conc: 11.59 ng/ml



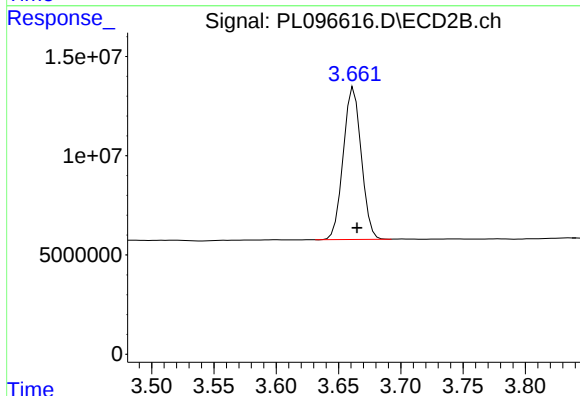
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 47713884
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

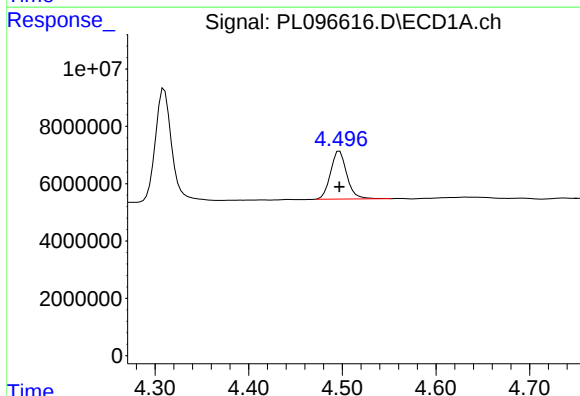
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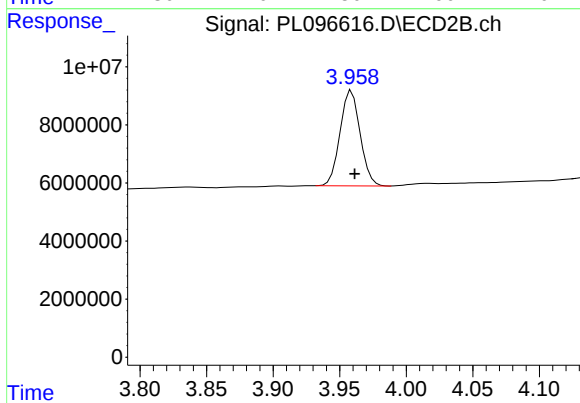
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 77572577
Conc: 11.75 ng/ml



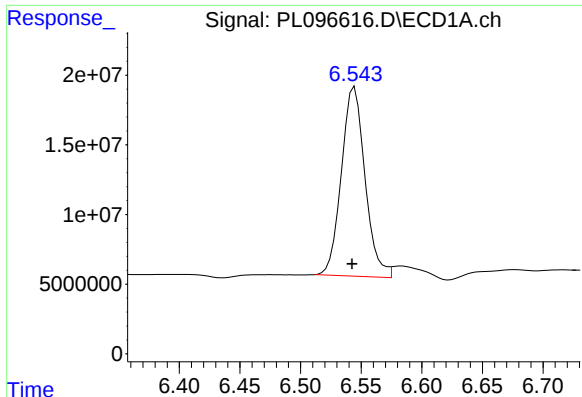
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 20180919
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 34490489
Conc: 12.23 ng/ml



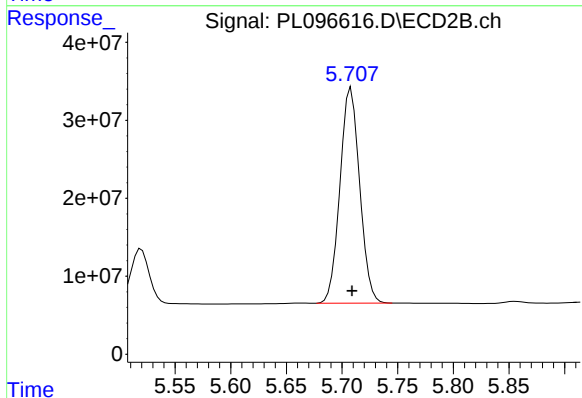
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 184087689
Conc: 60.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

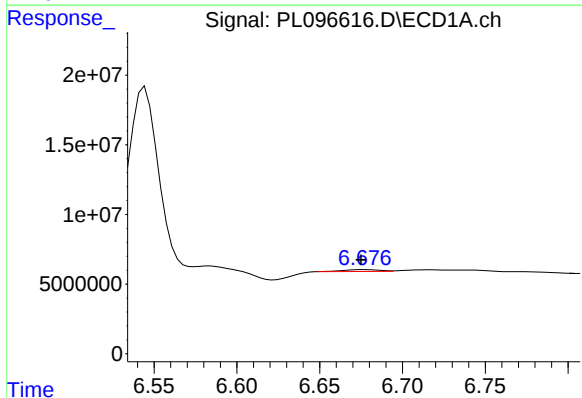
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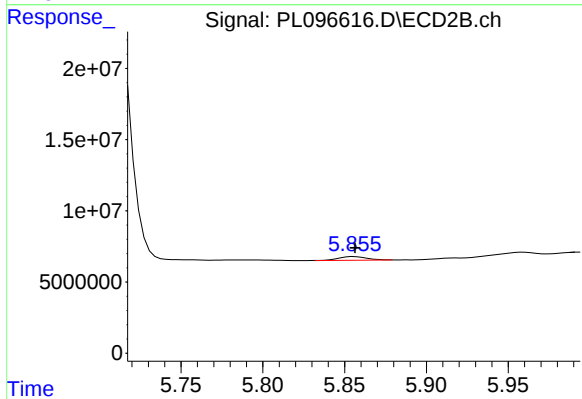
#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 340263991
Conc: 62.94 ng/ml



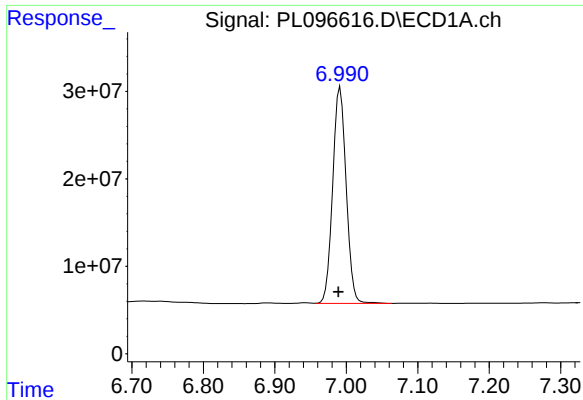
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 2124266
Conc: 0.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 3023948
Conc: 0.64 ng/ml m



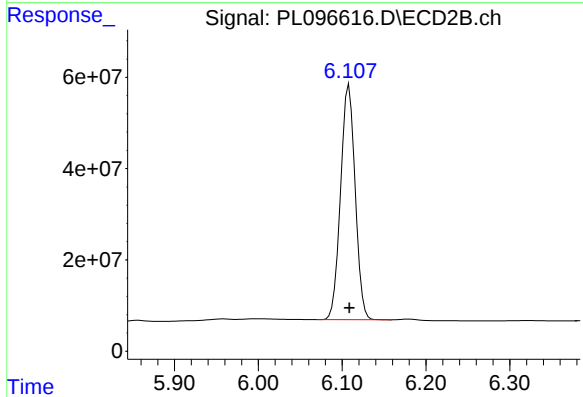
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 324241100
Conc: 113.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

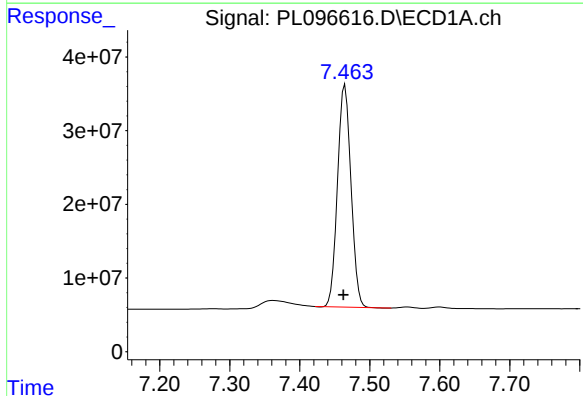
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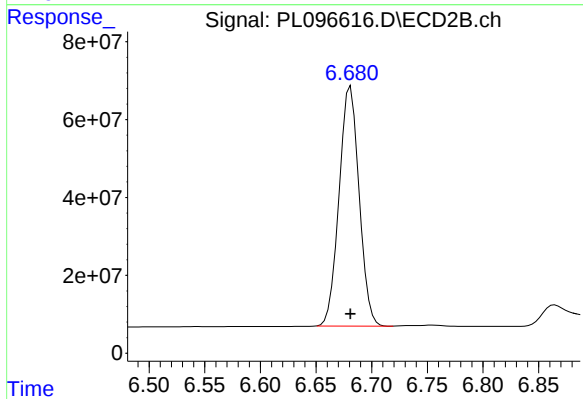
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 622417226
Conc: 123.05 ng/ml



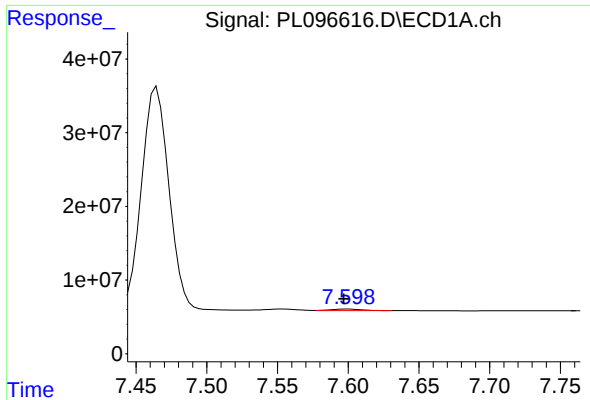
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.002 min
Response: 403454800
Conc: 274.77 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 771169119
Conc: 281.40 ng/ml



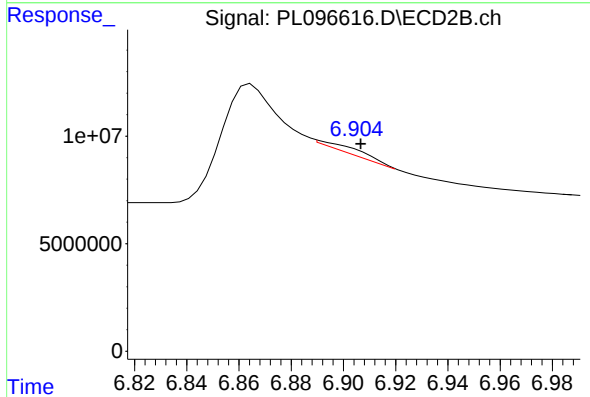
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.001 min
Response: 3101264
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

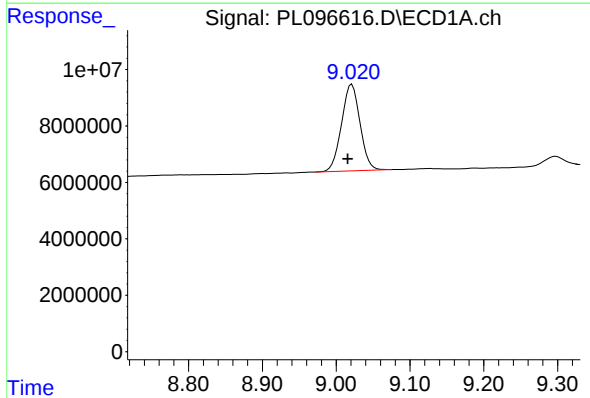
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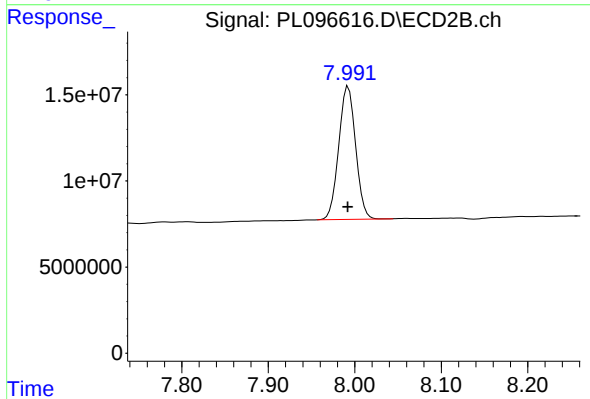
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 3435022
Conc: 0.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.006 min
Response: 53428086
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 104314767
Conc: 24.04 ng/ml