

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:09:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	75680733	108.6E6	19.190	19.272
28)	SA Decachlor...	8.998	7.982	57033761	106.4E6	19.264	22.185
Target Compounds							
2)	A alpha-BHC	3.973	3.327	54724273	78024196	9.445	9.502
3)	MA gamma-BHC...	4.301	3.659	52975053	73596385	9.699	9.991
6)	B beta-BHC	4.488	3.956	21252901	33660639	9.293	10.318
14)	MA Endrin	6.531	5.701	184.7E6	312.7E6	49.321	52.944
16)	A 4,4'-DDD	6.662	5.849	1222138	3534952	0.387m	0.677m#
17)	MA 4,4'-DDT	6.978	6.100	329.1E6	605.1E6	93.954	110.468
20)	A Methoxychlor	7.450	6.672	401.6E6	718.1E6	231.415	239.372
21)	B Endrin ke...	7.584	6.892	2421753	8638016	0.681m	1.380m#

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

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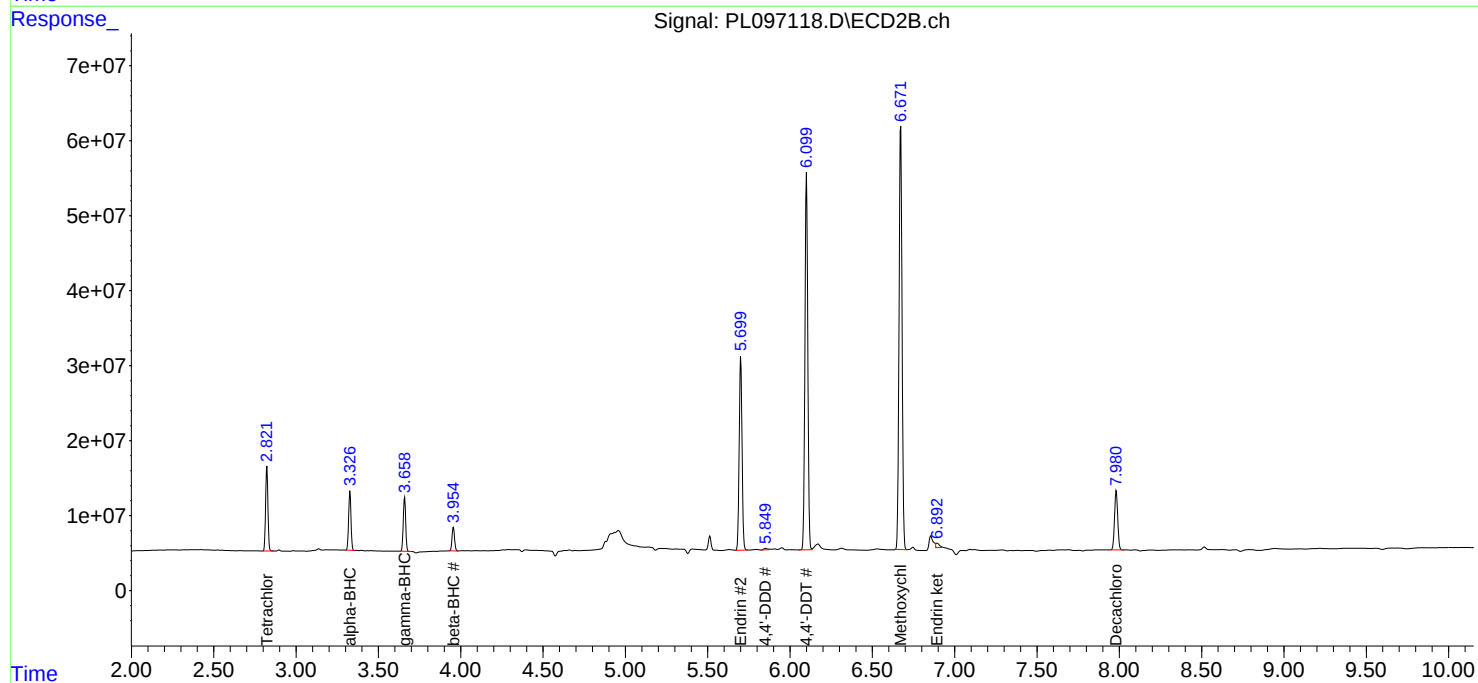
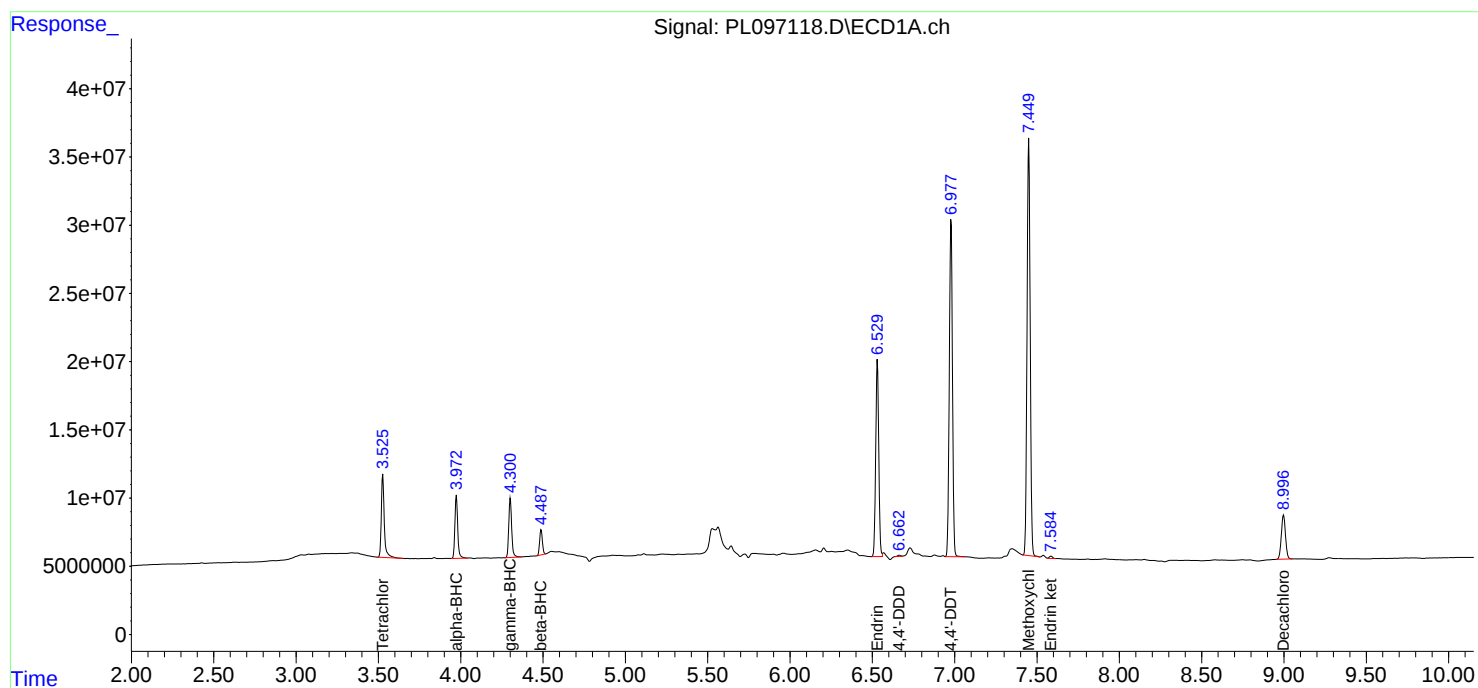
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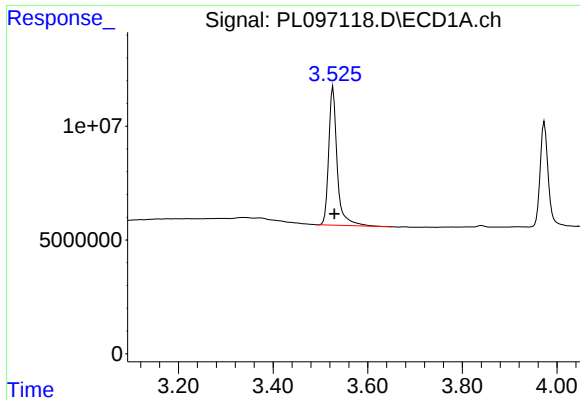
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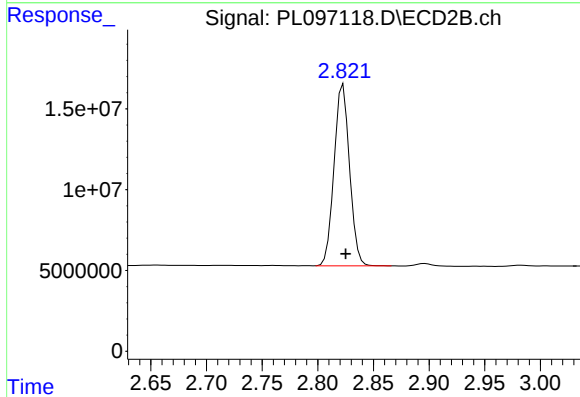
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 75680733
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

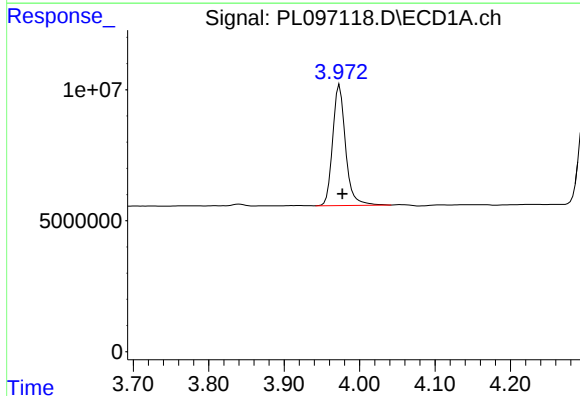
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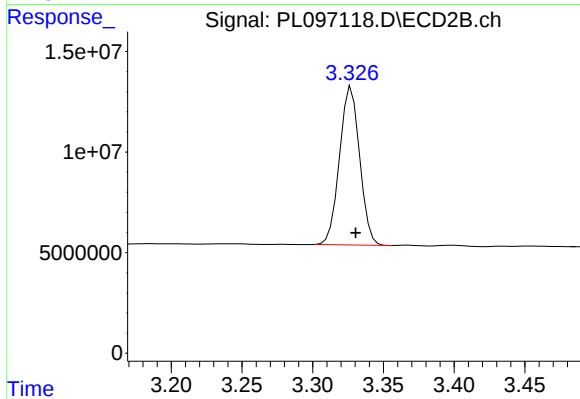
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 108632057
Conc: 19.27 ng/ml



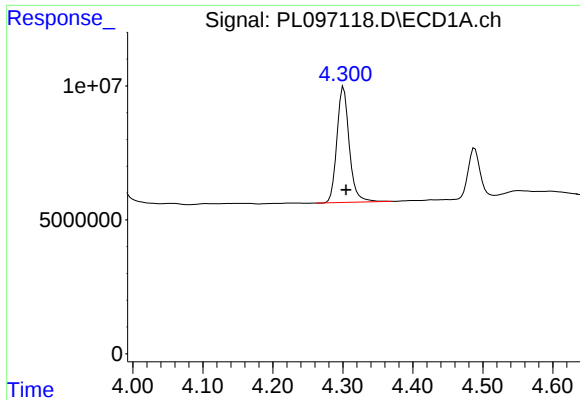
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 54724273
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 78024196
Conc: 9.50 ng/ml



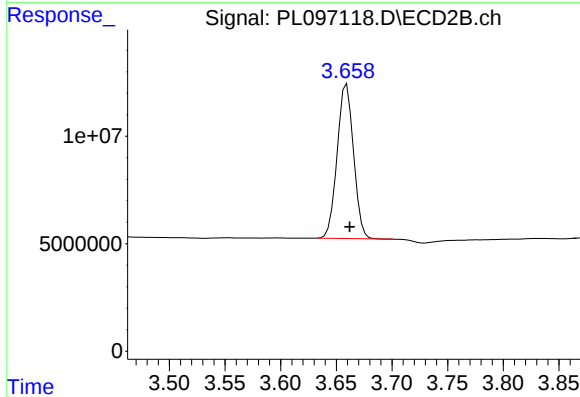
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 52975053
Conc: 9.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

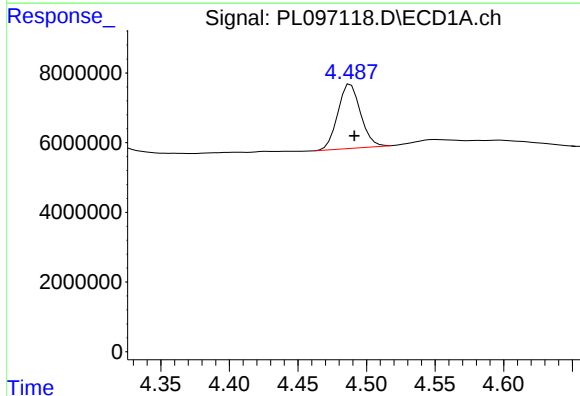
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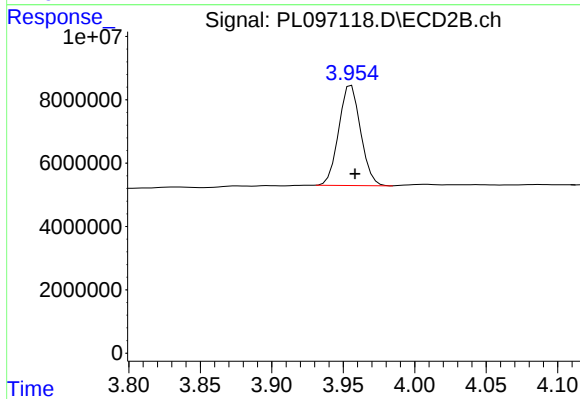
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 73596385
Conc: 9.99 ng/ml



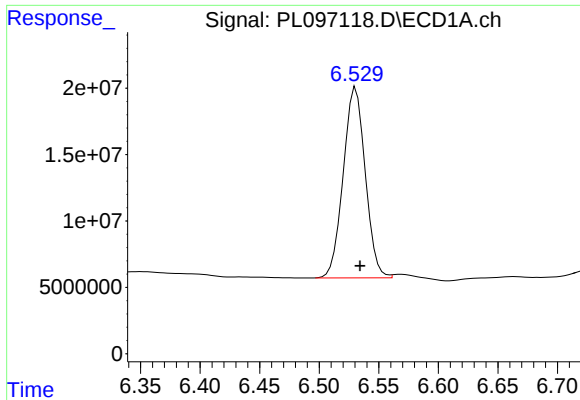
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 21252901
Conc: 9.29 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 33660639
Conc: 10.32 ng/ml



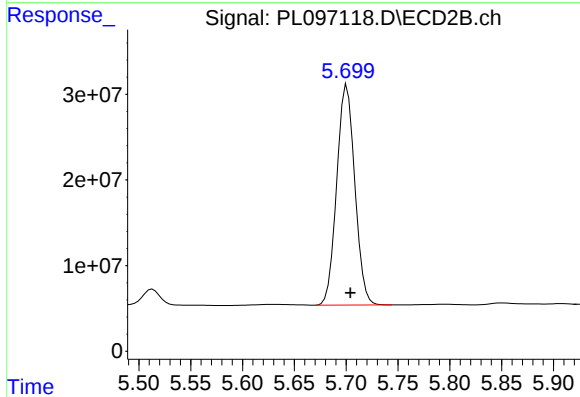
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 184701846
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

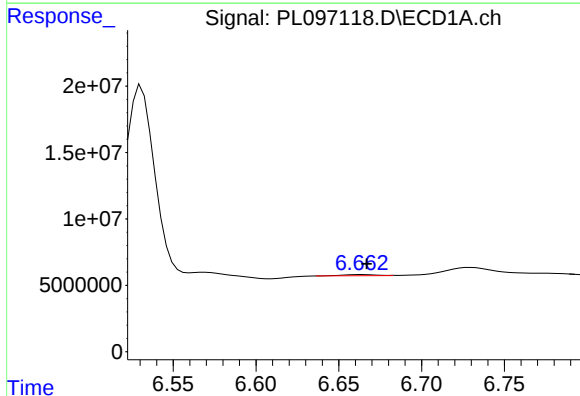
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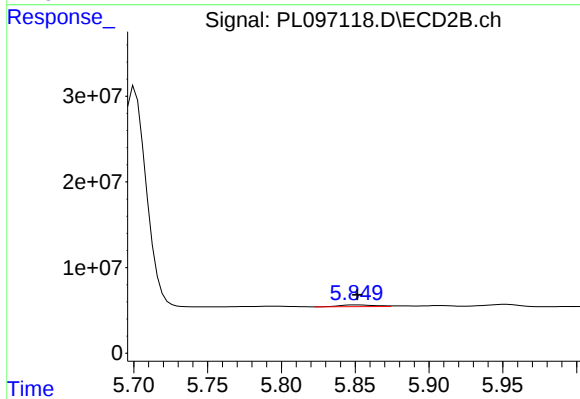
#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 312748031
Conc: 52.94 ng/ml



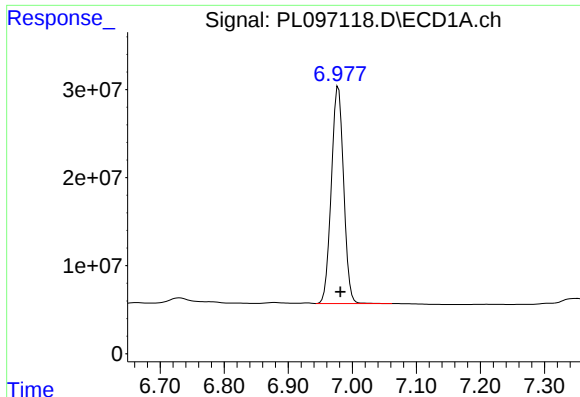
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 1222138
Conc: 0.39 ng/ml m



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 3534952
Conc: 0.68 ng/ml m



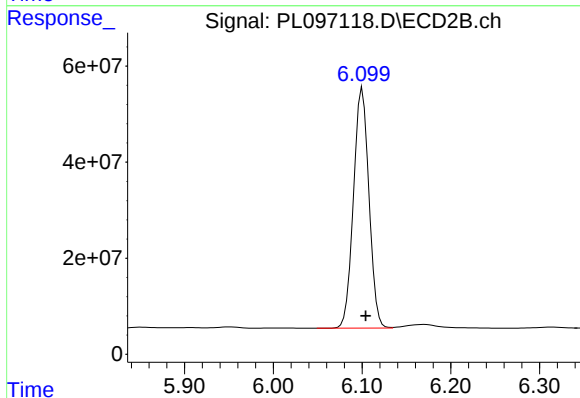
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 329069167
Conc: 93.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

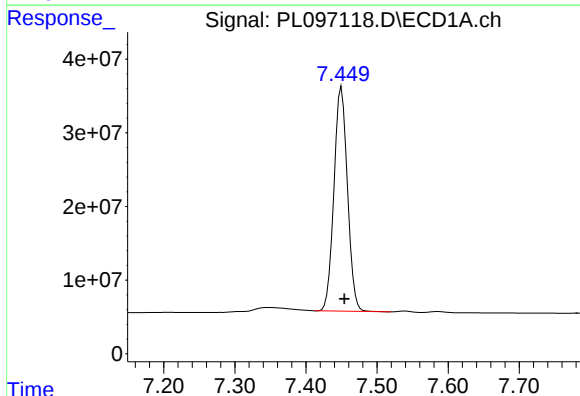
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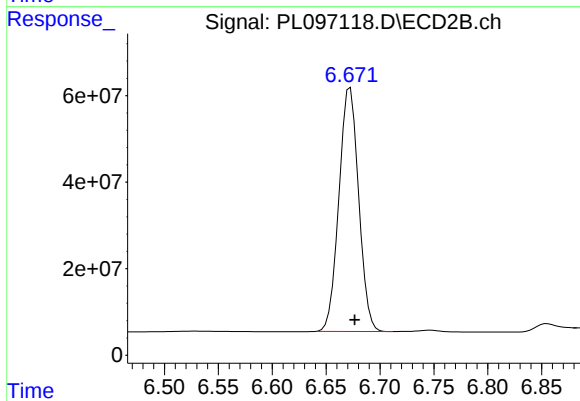
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 605059263
Conc: 110.47 ng/ml



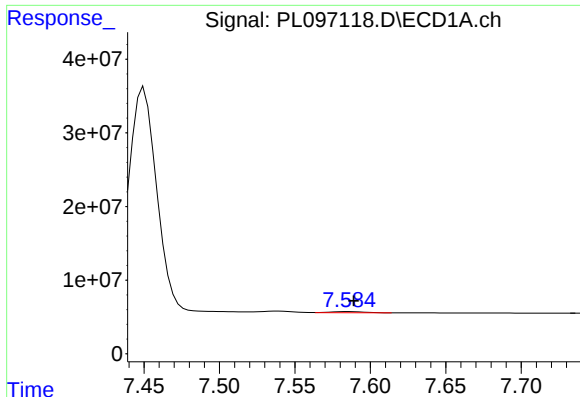
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 401620525
Conc: 231.42 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 718062298
Conc: 239.37 ng/ml



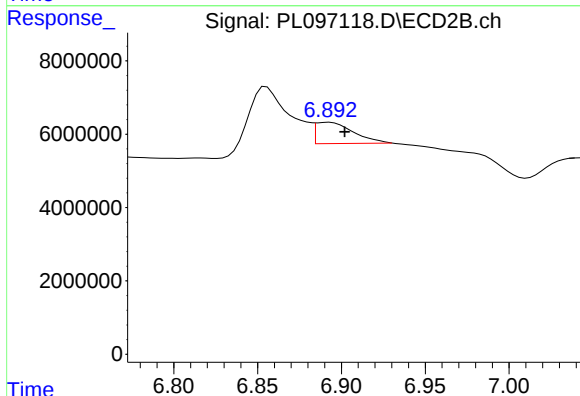
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 2421753
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

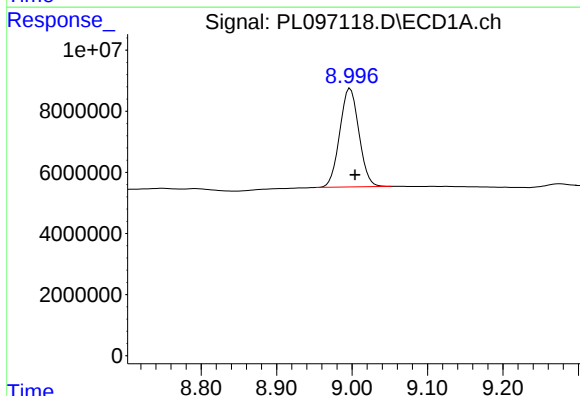
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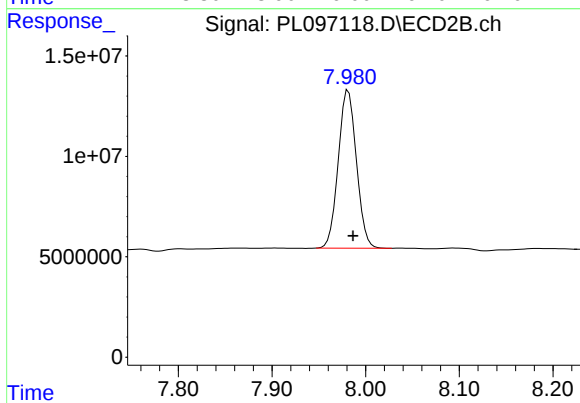
#21 Endrin ketone

R.T.: 6.892 min
Delta R.T.: -0.010 min
Response: 8638016
Conc: 1.38 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 57033761
Conc: 19.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 106396700
Conc: 22.19 ng/ml