

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120925\
 Data File : PL097818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 16:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 01:06:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.497	2.799	107.6E6	150.3E6	21.320	21.516
28)	SA Decachlor...	8.955	7.948	89399845	152.8E6	23.529m	23.231
Target Compounds							
2)	A alpha-BHC	3.944	3.301	81785504	109.9E6	9.671	9.577
3)	MA gamma-BHC...	4.272	3.632	79026074	105.4E6	9.858	9.802
6)	B beta-BHC	4.462	3.928	34191859	47207897	10.212	10.182
14)	MA Endrin	6.499	5.668	262.9E6	438.3E6	50.752	52.448
16)	A 4,4'-DDD	6.632	5.816	6130710	9015839	1.324m	1.202
17)	MA 4,4'-DDT	6.947	6.068	492.3E6	824.2E6	102.761	107.446
18)	B Endrin al...	6.841	6.140	1346138	6452392	0.342m	1.011m#
20)	A Methoxychlor	7.420	6.640	610.7E6	939.8E6	242.637	224.888
21)	B Endrin ke...	7.551	6.862	5333485	10978410	1.026m	1.231m

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

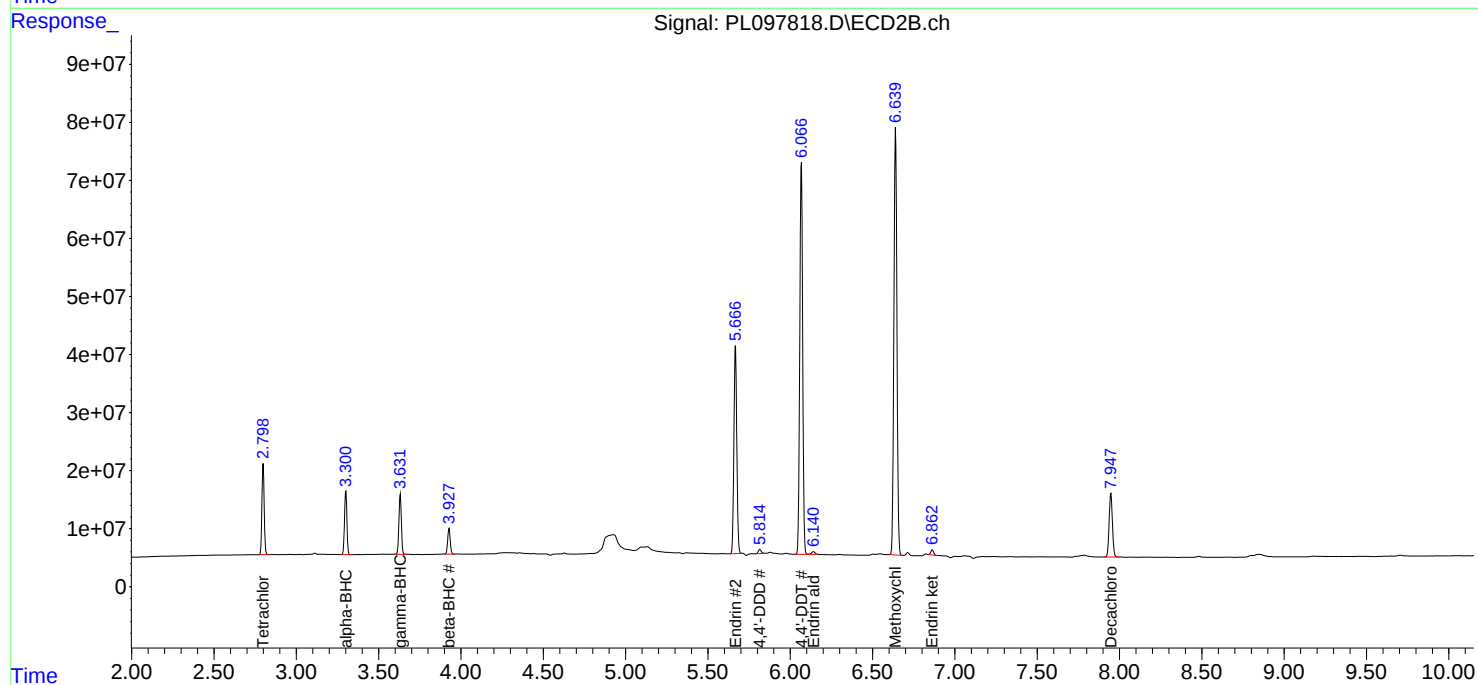
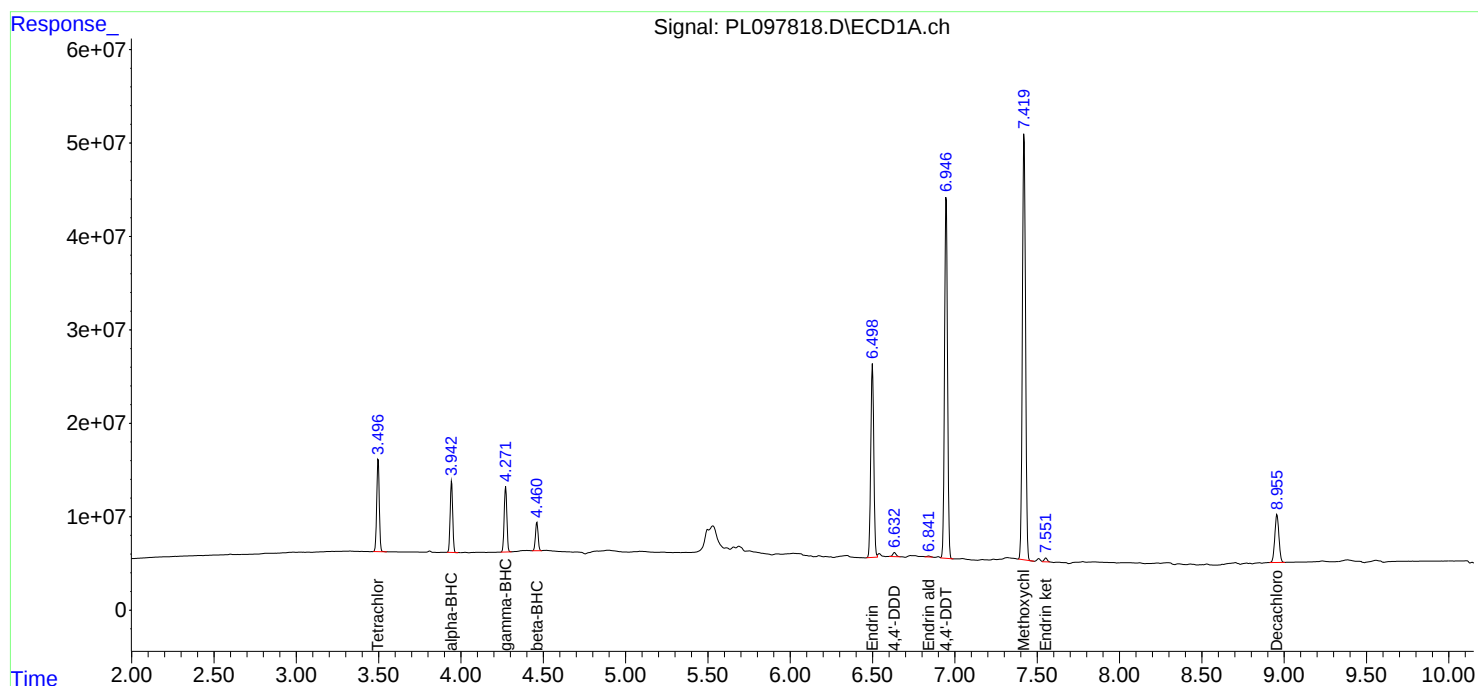
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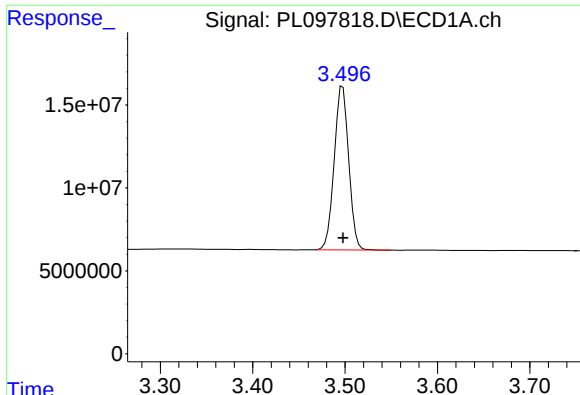
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Integration File signal 1: autoint1.e
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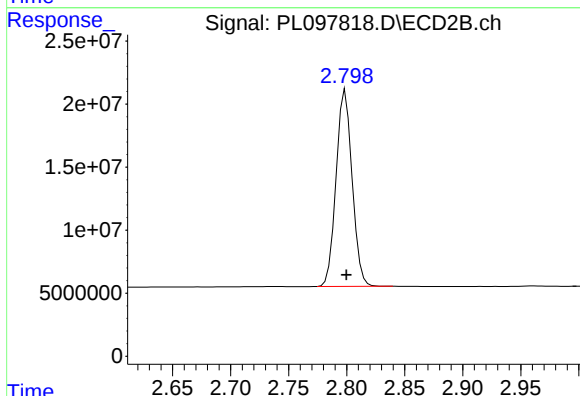
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 107602245
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

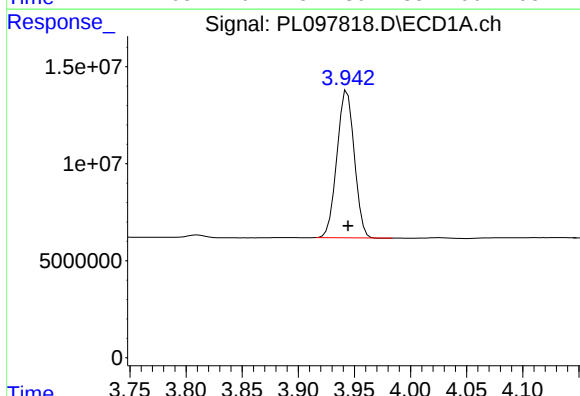
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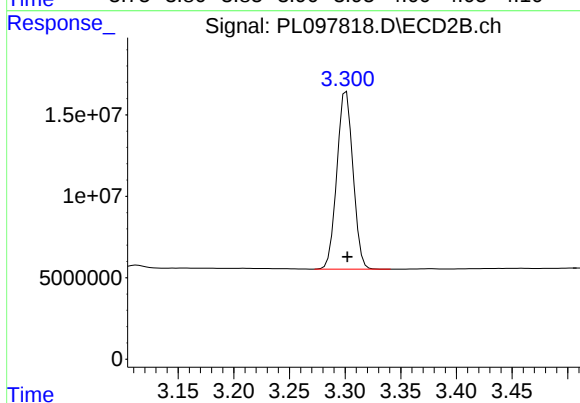
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 150295993
Conc: 21.52 ng/ml



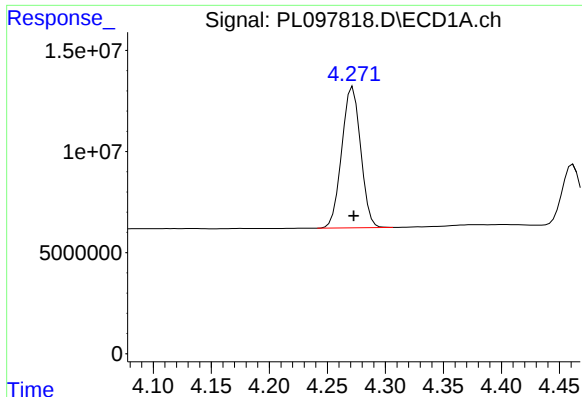
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 81785504
Conc: 9.67 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 109888156
Conc: 9.58 ng/ml



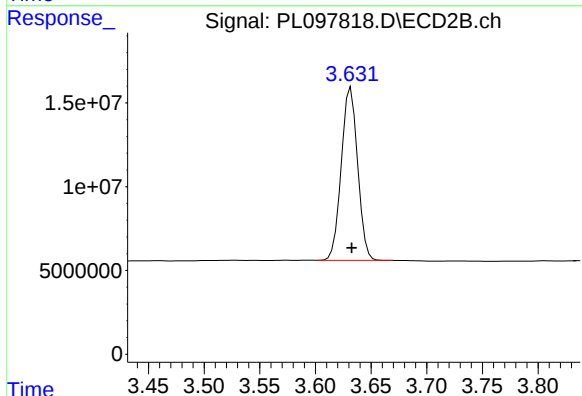
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 79026074
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

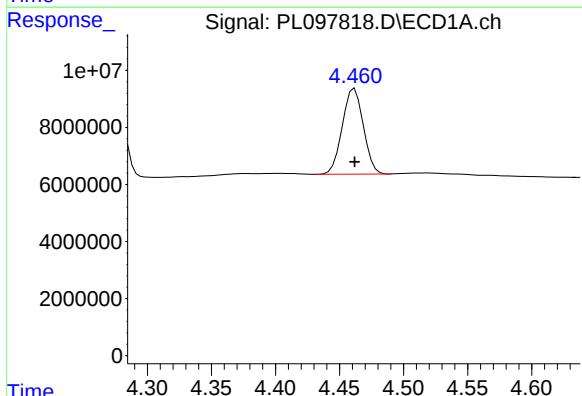
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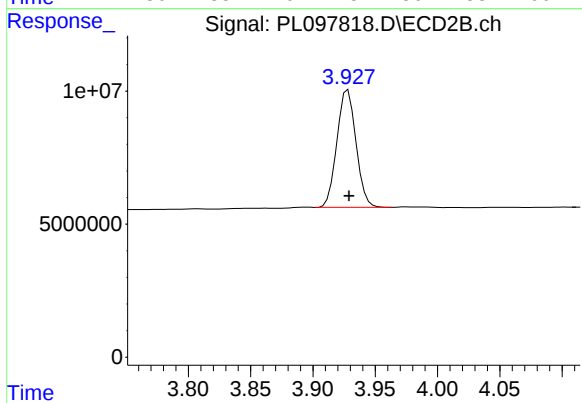
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 105426740
Conc: 9.80 ng/ml



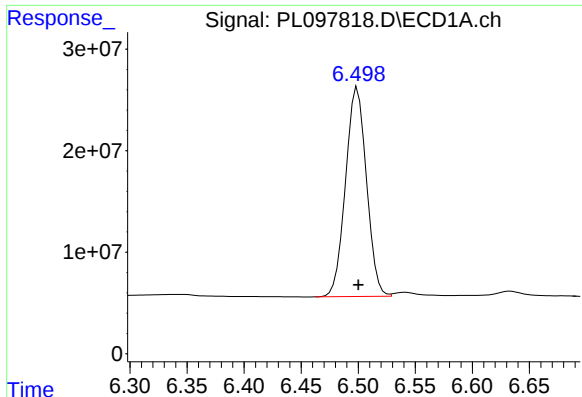
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 34191859
Conc: 10.21 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 47207897
Conc: 10.18 ng/ml



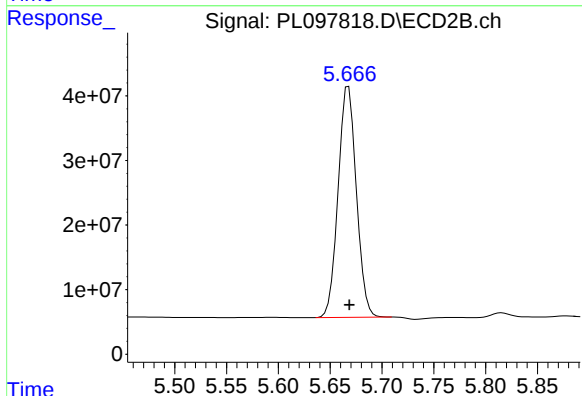
#14 Endrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 262868356
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

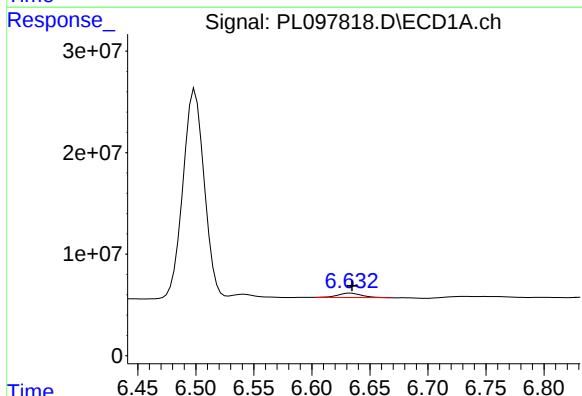
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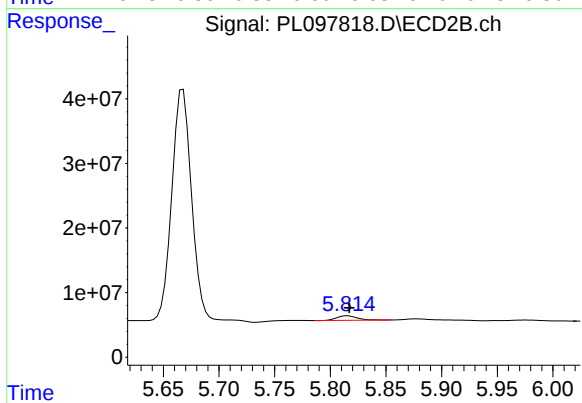
#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 438307127
Conc: 52.45 ng/ml



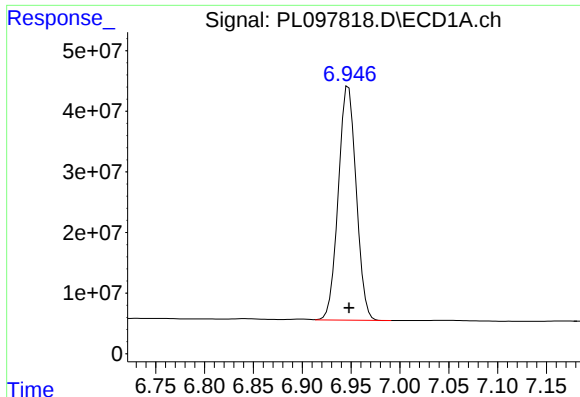
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 6130710
Conc: 1.32 ng/ml m



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 9015839
Conc: 1.20 ng/ml



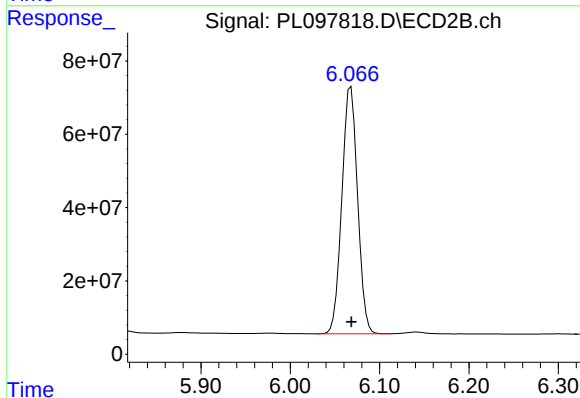
#17 4,4'-DDT

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 492256834
Conc: 102.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

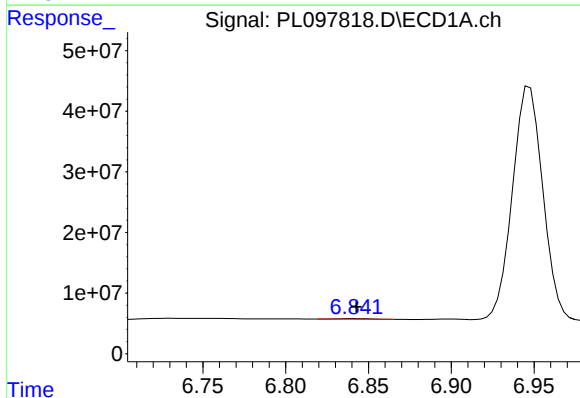
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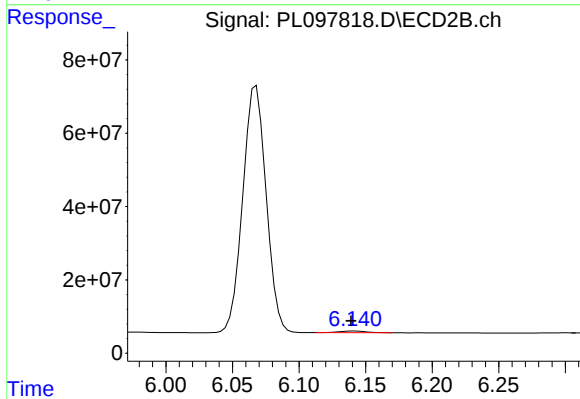
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 824189329
Conc: 107.45 ng/ml



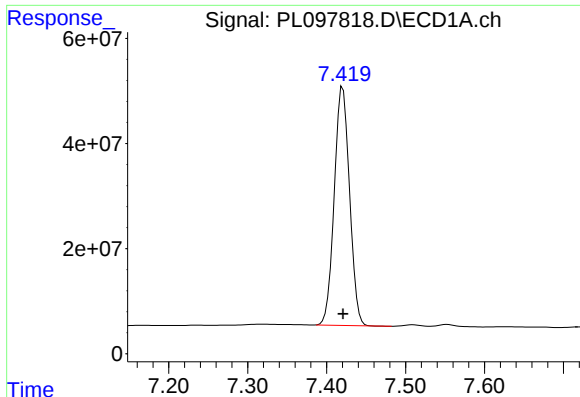
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 1346138
Conc: 0.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 6452392
Conc: 1.01 ng/ml m



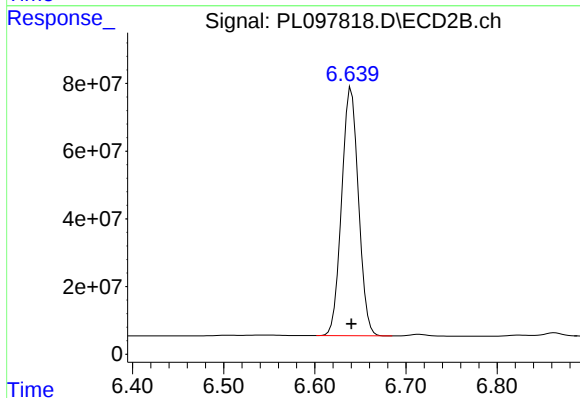
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 610686649
Conc: 242.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

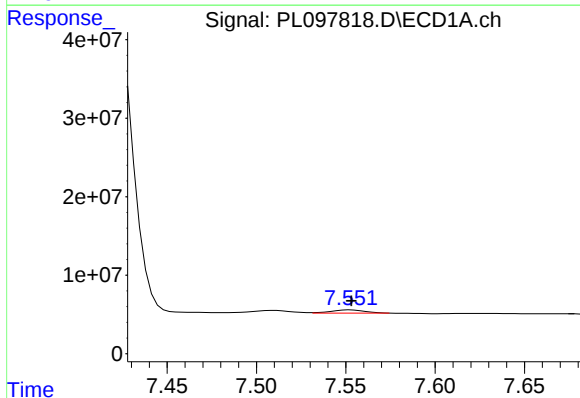
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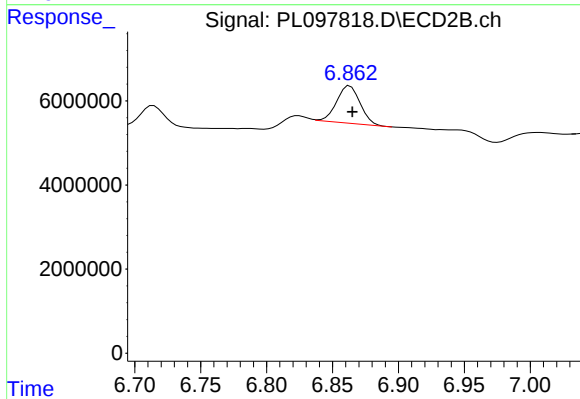
#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 939801206
Conc: 224.89 ng/ml



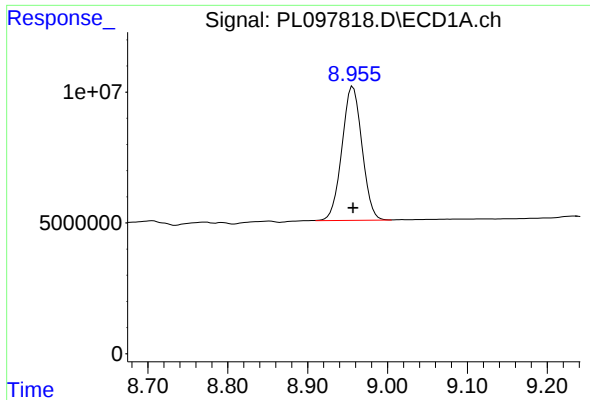
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 5333485
Conc: 1.03 ng/ml m



#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 10978410
Conc: 1.23 ng/ml m



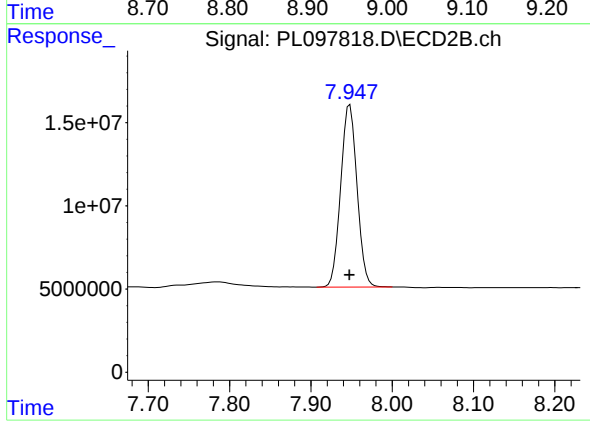
#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.002 min
Response: 89399845
Conc: 23.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 152769893
Conc: 23.23 ng/ml