

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 16:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/18/2025
 Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 04:18:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 18 04:18:22 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	63399177	87474414	16.075	15.519
28)	SA Decachlor...	9.001	7.984	49922060	85071330	16.862	17.739
Target Compounds							
2)	A alpha-BHC	3.973	3.328	45845394	62229428	7.913	7.579
3)	MA gamma-BHC...	4.301	3.660	44453195	59632217	8.139	8.095
6)	B beta-BHC	4.489	3.956	20587006	27765115	9.002	8.511
14)	MA Endrin	6.531	5.702	154.5E6	247.1E6	41.261m	41.824
16)	A 4,4'-DDD	6.663	5.850	8268698	13116690	2.620m	2.512
17)	MA 4,4'-DDT	6.979	6.102	265.6E6	439.9E6	75.829	80.321
18)	B Endrin al...	6.875	6.170	1719211	11670015	0.661m	2.427m#
20)	A Methoxychlor	7.452	6.674	325.0E6	536.4E6	187.268	178.815
21)	B Endrin ke...	7.586	6.898	5403193	6788487	1.520	1.085m#

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

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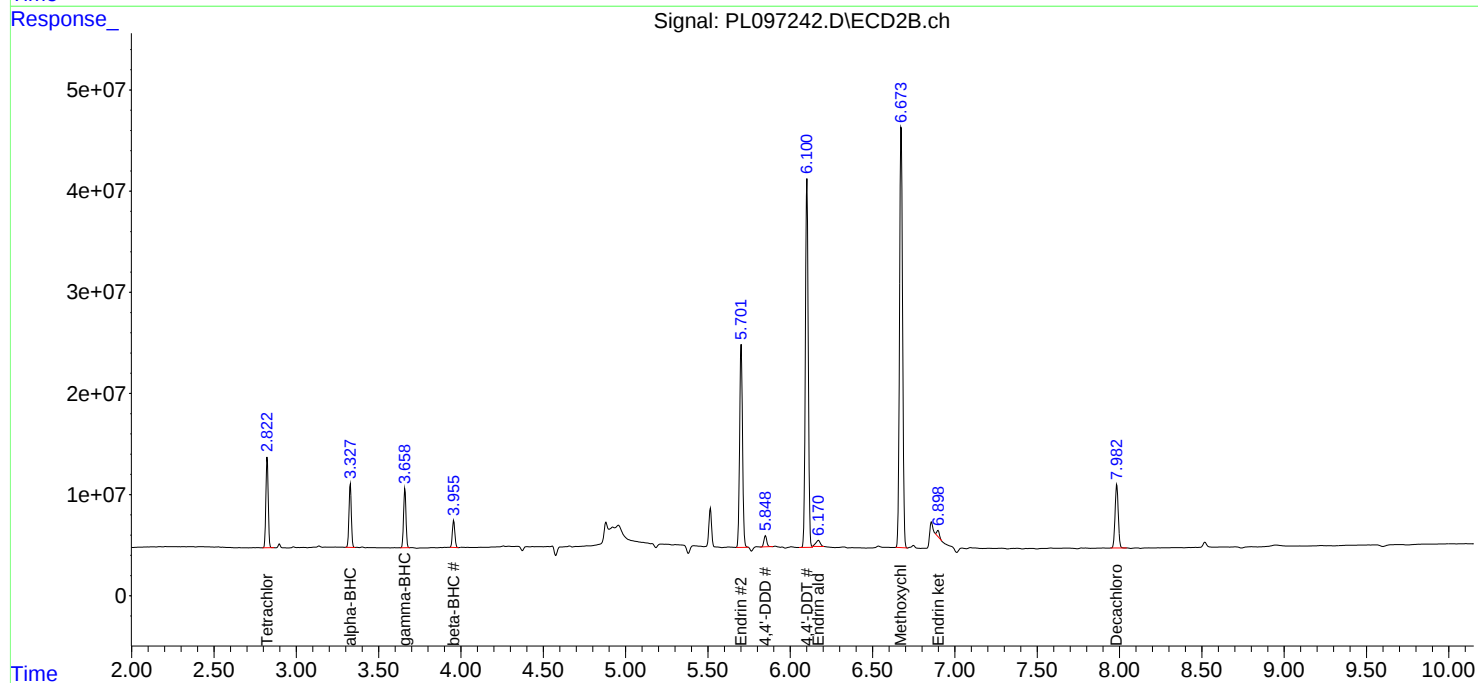
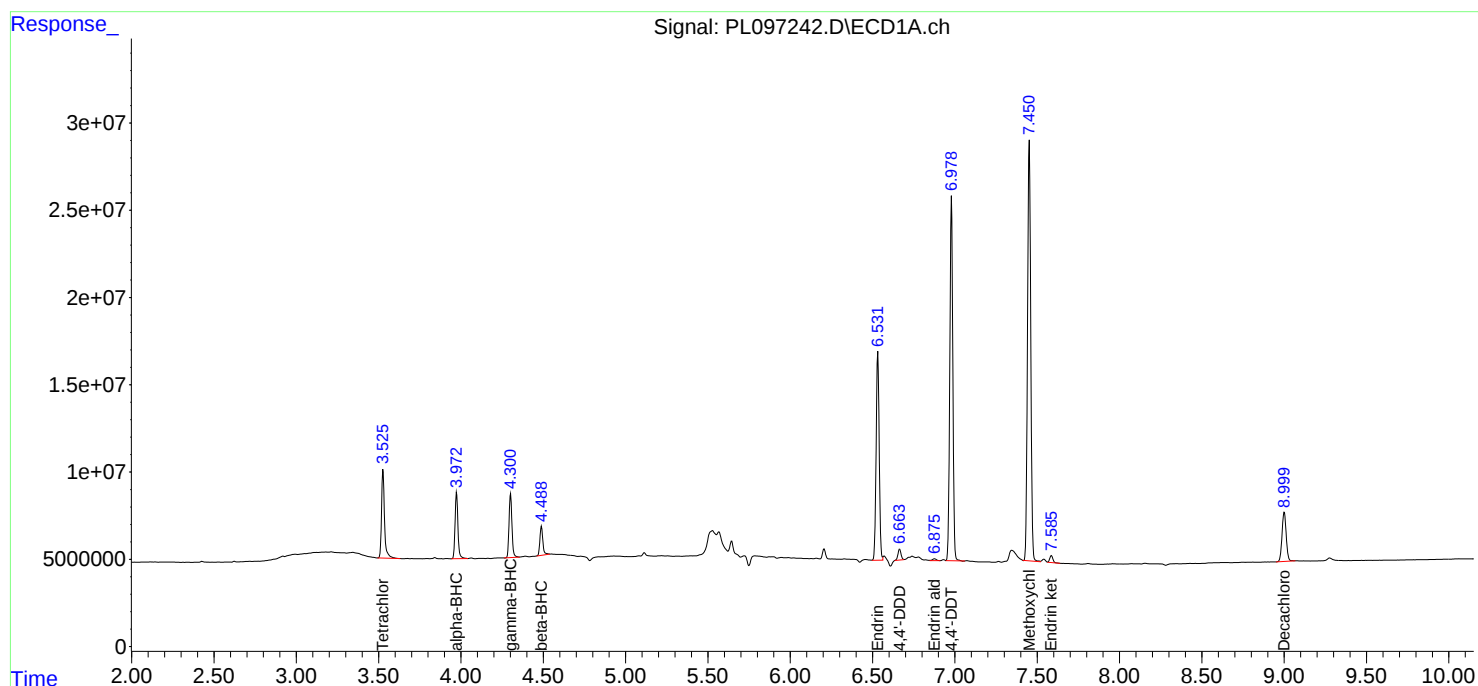
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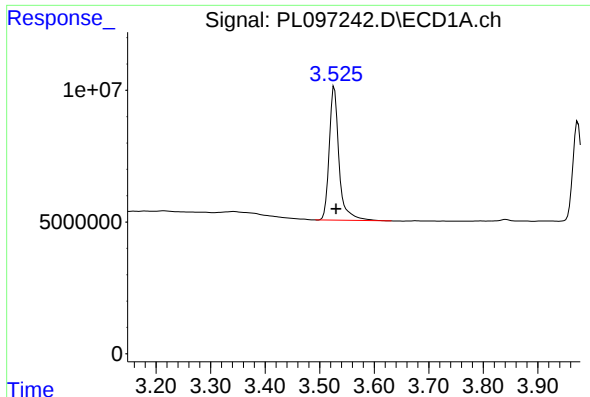
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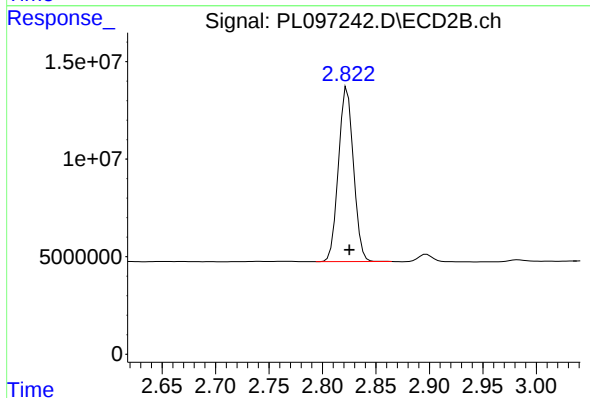
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 63399177
Conc: 16.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

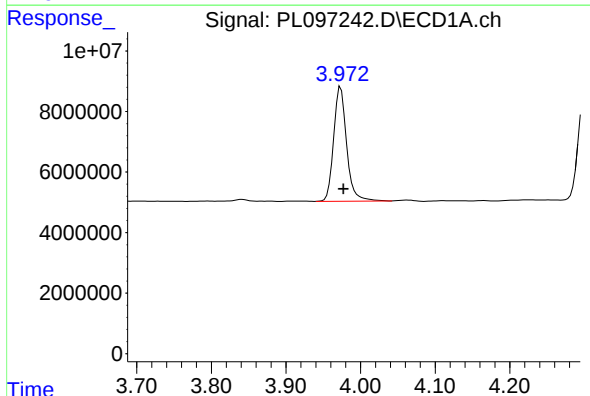
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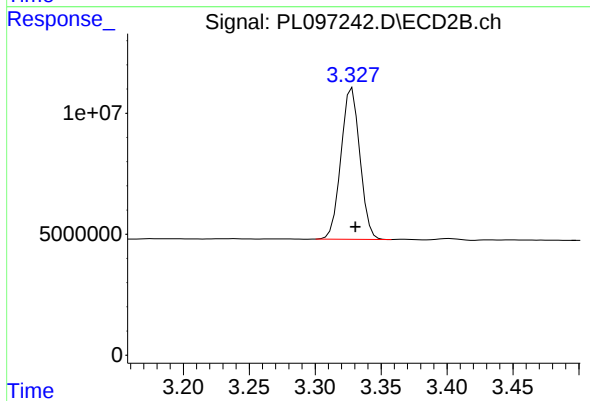
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 87474414
Conc: 15.52 ng/ml



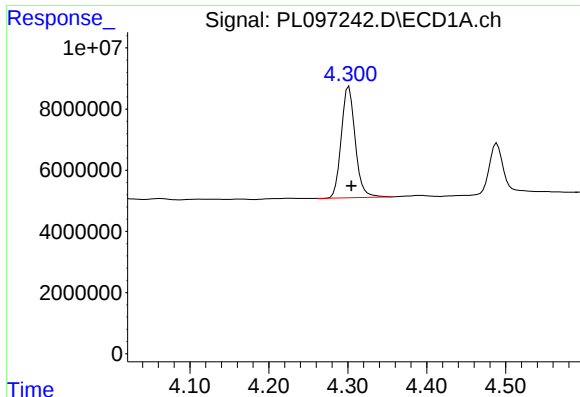
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 45845394
Conc: 7.91 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 62229428
Conc: 7.58 ng/ml



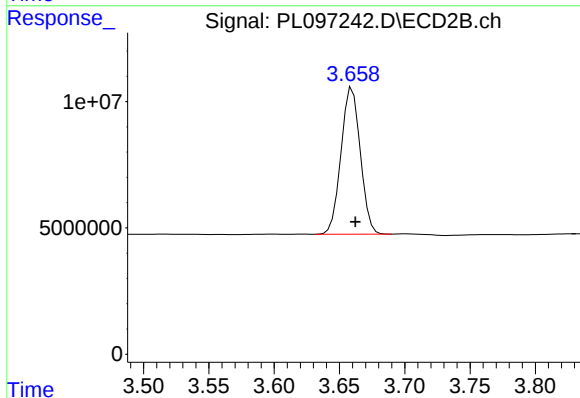
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 44453195
Conc: 8.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

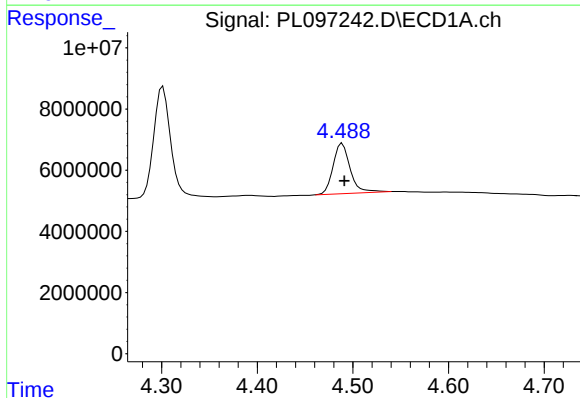
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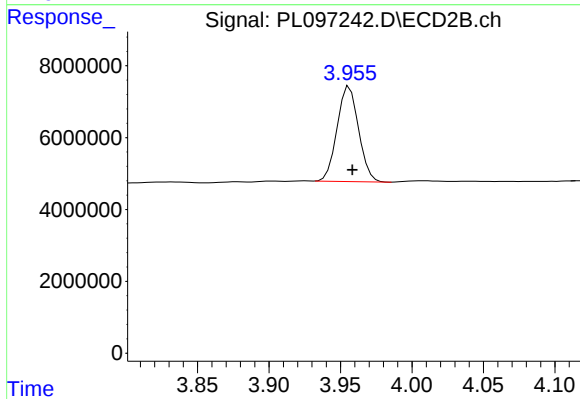
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 59632217
Conc: 8.10 ng/ml



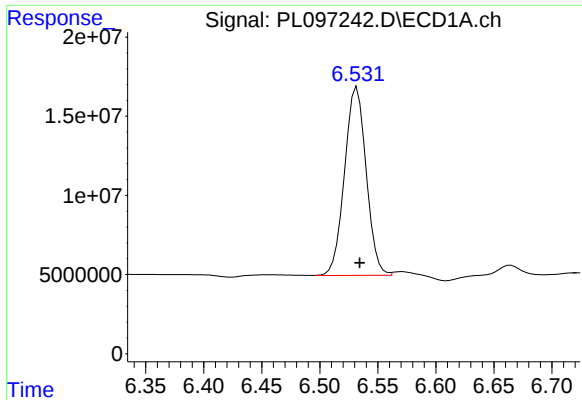
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 20587006
Conc: 9.00 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 27765115
Conc: 8.51 ng/ml



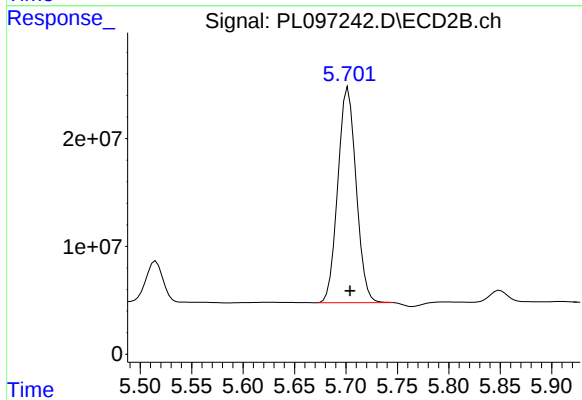
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 154517953
Conc: 41.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

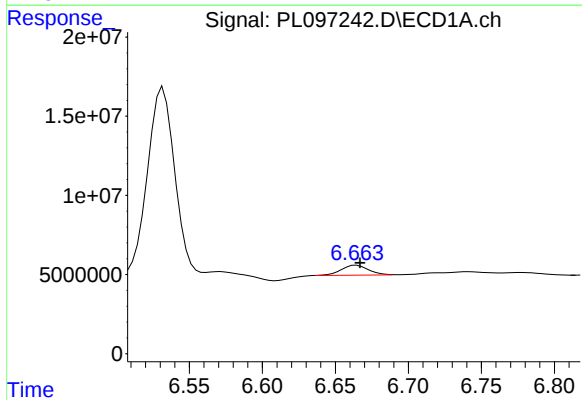
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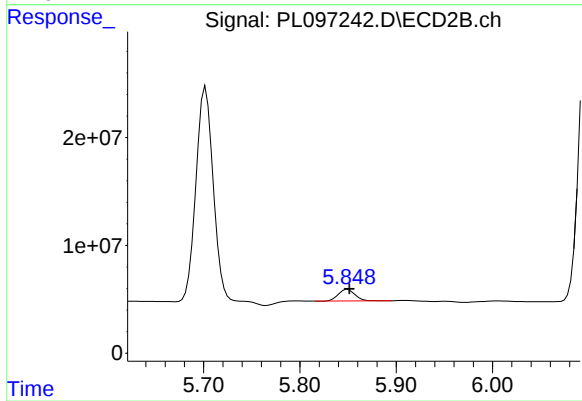
#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 247061558
Conc: 41.82 ng/ml



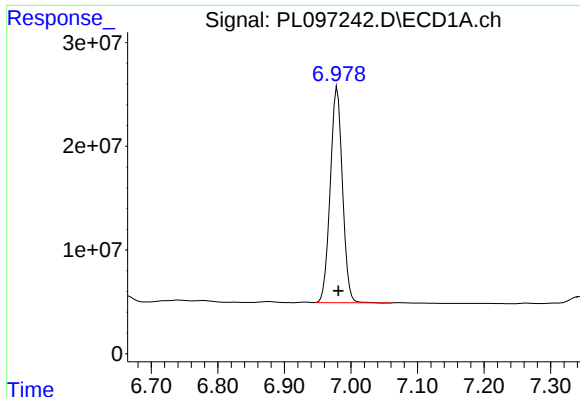
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 8268698
Conc: 2.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 13116690
Conc: 2.51 ng/ml



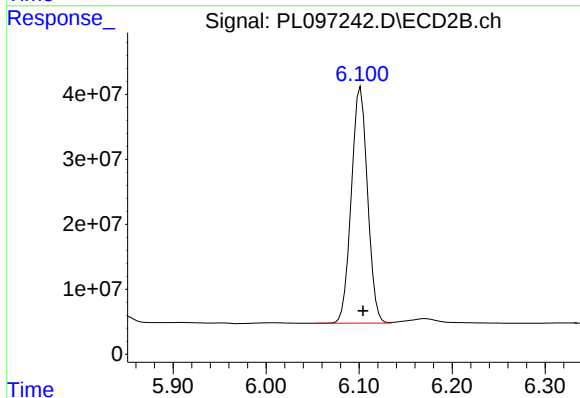
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 265585788
Conc: 75.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

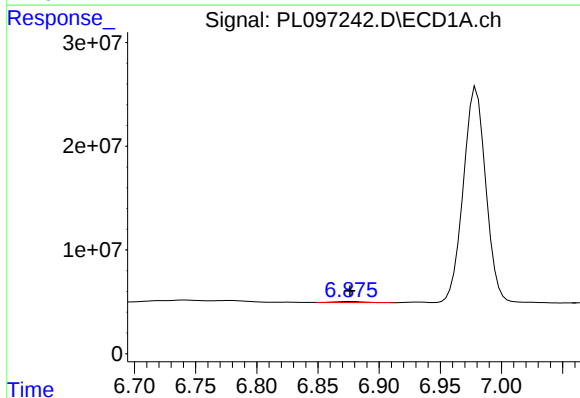
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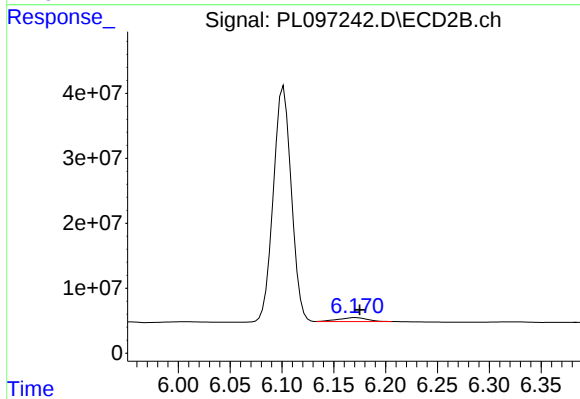
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 439939033
Conc: 80.32 ng/ml



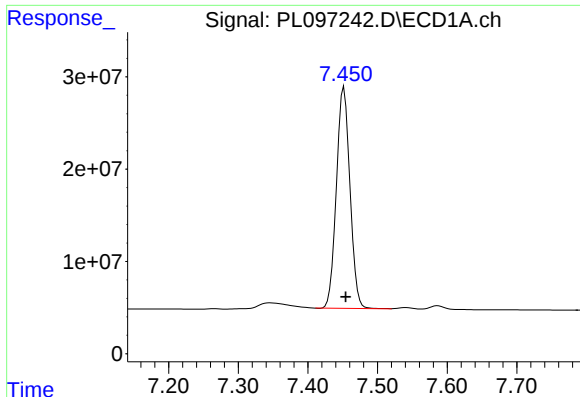
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 1719211
Conc: 0.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 11670015
Conc: 2.43 ng/ml m



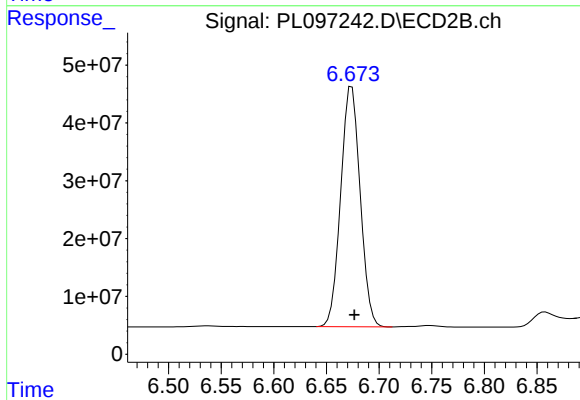
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 325003196
Conc: 187.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

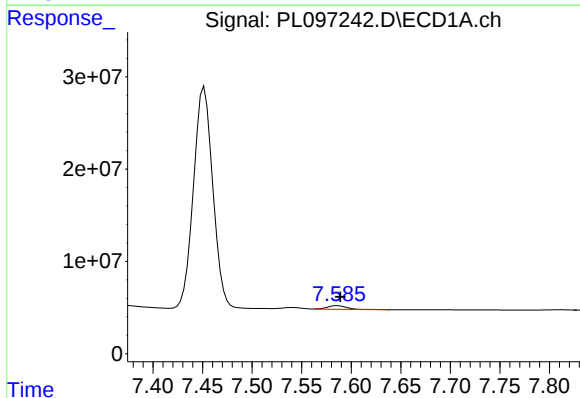
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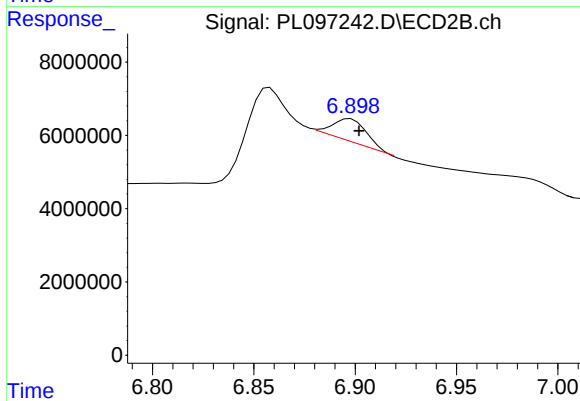
#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 536403809
Conc: 178.81 ng/ml



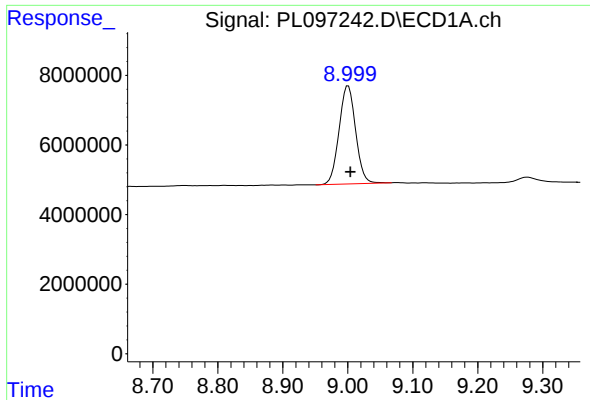
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 5403193
Conc: 1.52 ng/ml



#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 6788487
Conc: 1.08 ng/ml m



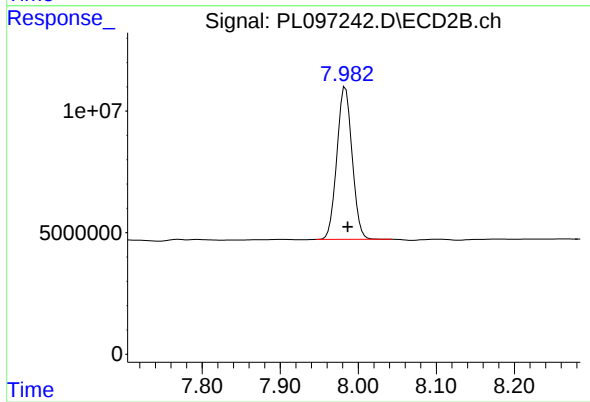
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 49922060
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 85071330
Conc: 17.74 ng/ml