

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:46:13 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...	3.535	2.828	74869496	125.0E6	20.518	21.658
28)	SA Decachlor...	9.016	7.991	56724723	105.4E6	20.165	21.137
Target Compounds							
2)	A alpha-BHC	3.982	3.333	51499129	90978736	10.013	10.787
3)	MA gamma-BHC...	4.311	3.665	51489984	85522802	10.340	10.859
6)	B beta-BHC	4.498	3.961	21943686	38977484	10.556	11.384
14)	MA Endrin	6.543	5.709	175.9E6	346.2E6	56.552	56.786
16)	A 4,4'-DDD	6.677	5.856	3450620	2978707	1.185m	0.581m#
17)	MA 4,4'-DDT	6.990	6.108	328.6E6	647.8E6	108.276	112.955
18)	B Endrin al...	6.887	6.180	3383447	22372814	1.513m	5.022m#
20)	A Methoxychlor	7.462	6.681	394.9E6	759.3E6	250.636	249.954
21)	B Endrin ke...	7.596	6.904	3390004	2776400	1.027m	0.444m#

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

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Operator : AR\AJ
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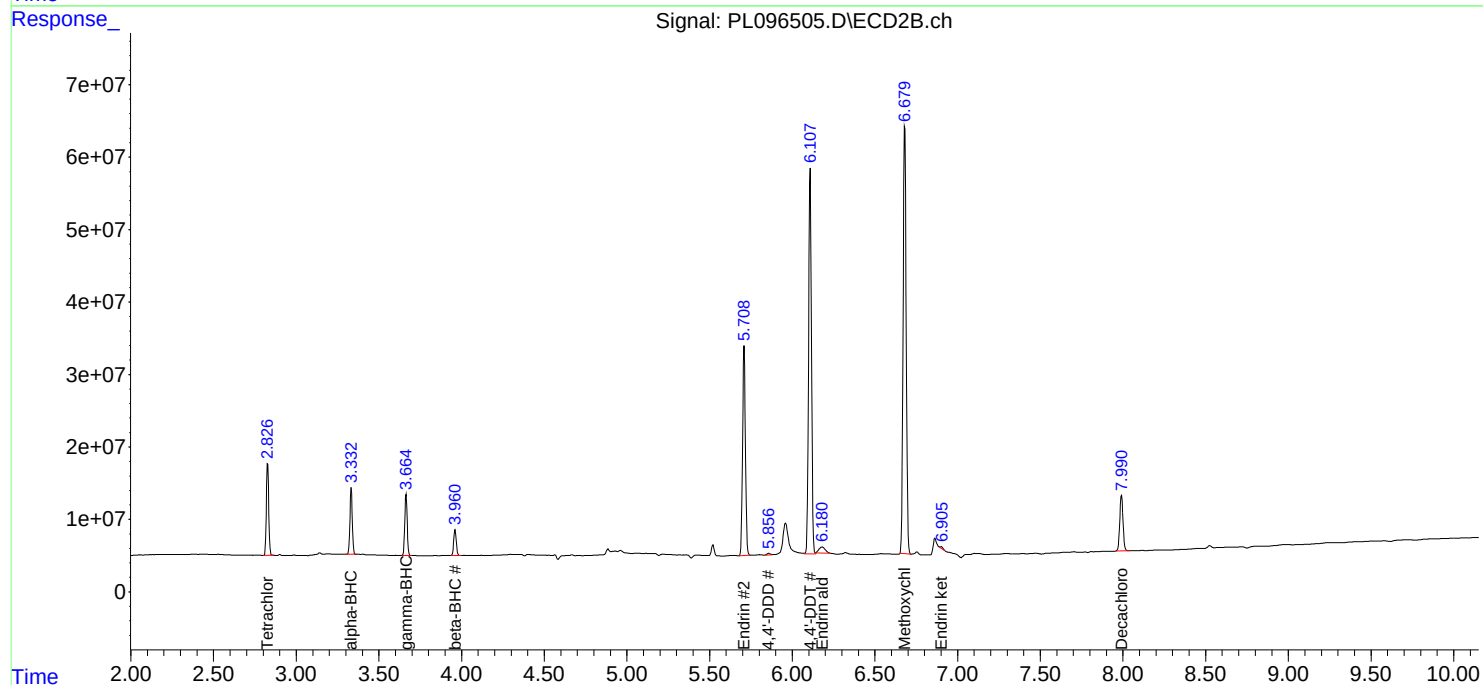
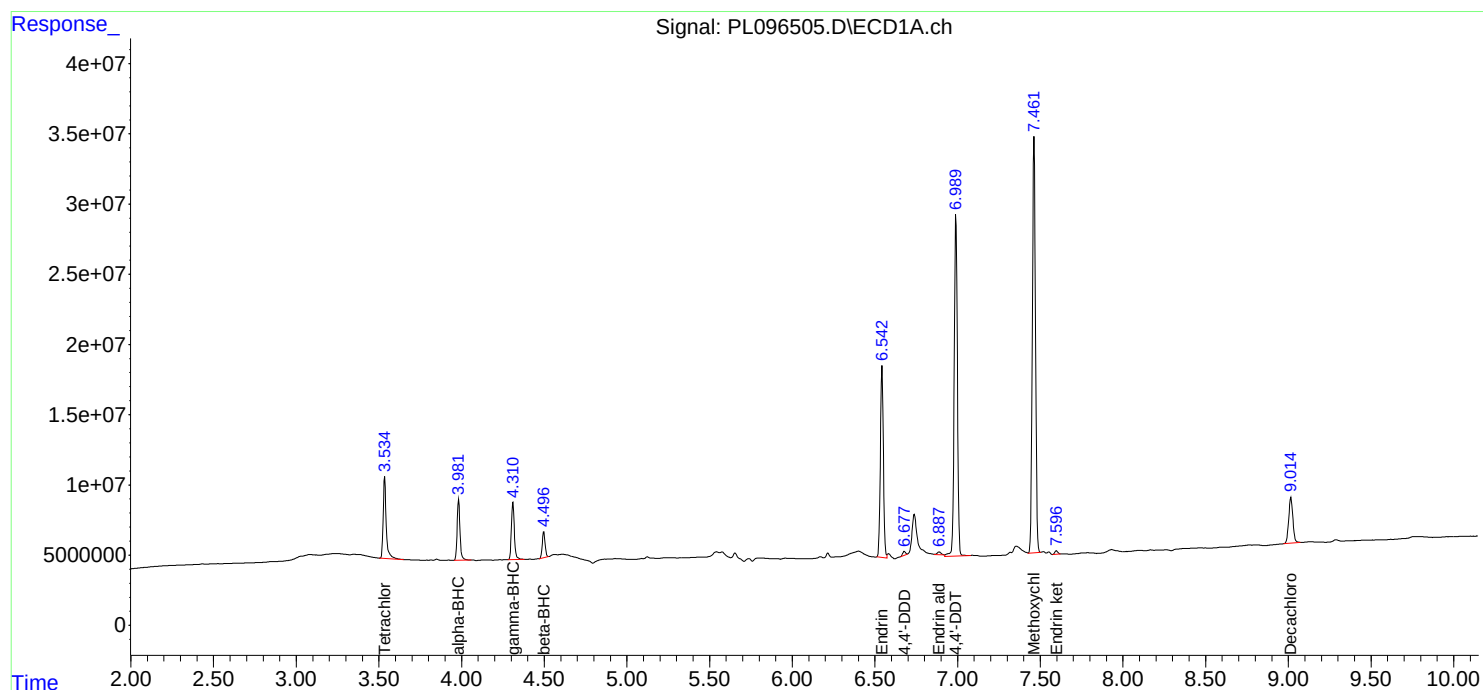
Instrument :
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ClientSampleId :
PEM

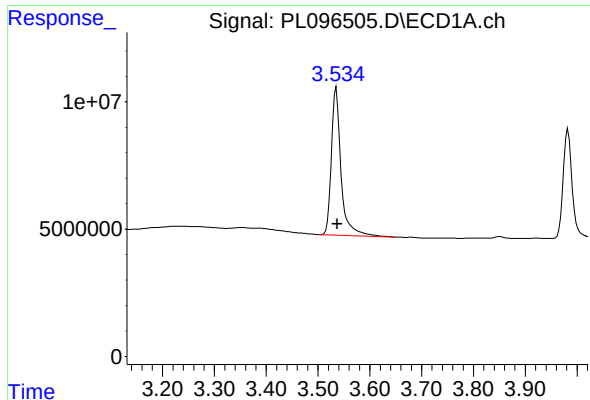
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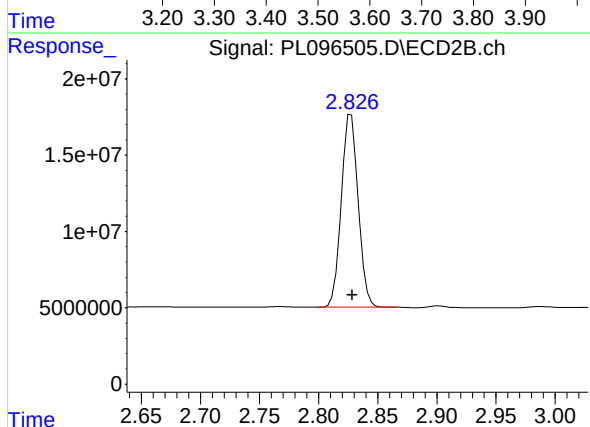
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 74869496
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

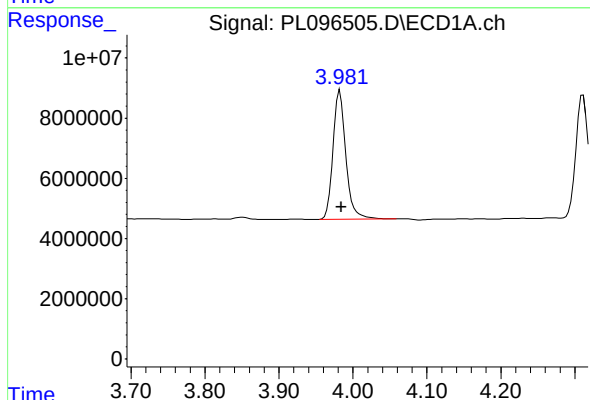
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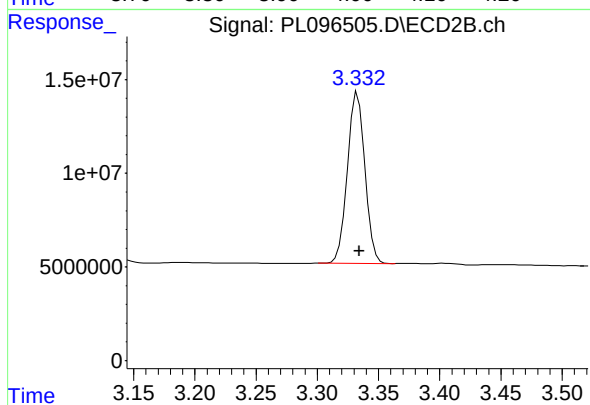
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 124990529
Conc: 21.66 ng/ml



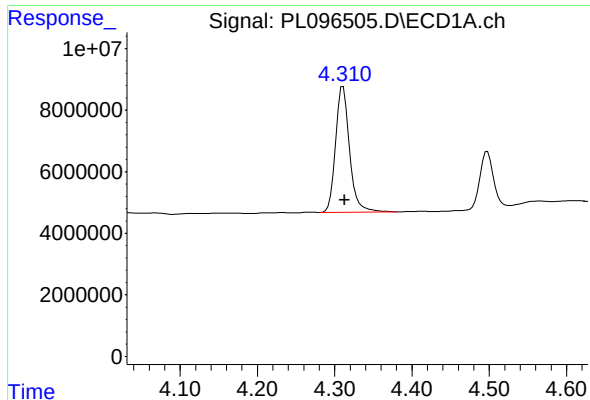
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 51499129
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 90978736
Conc: 10.79 ng/ml



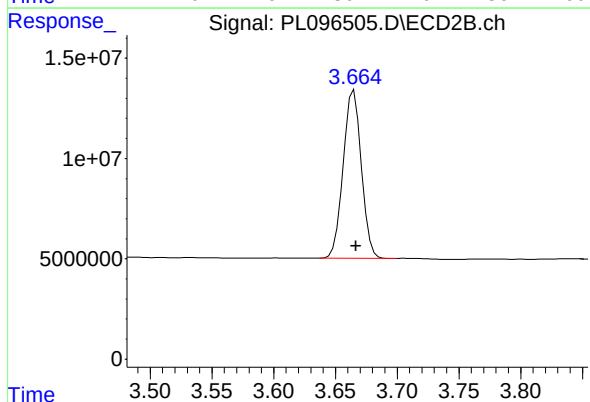
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 51489984
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

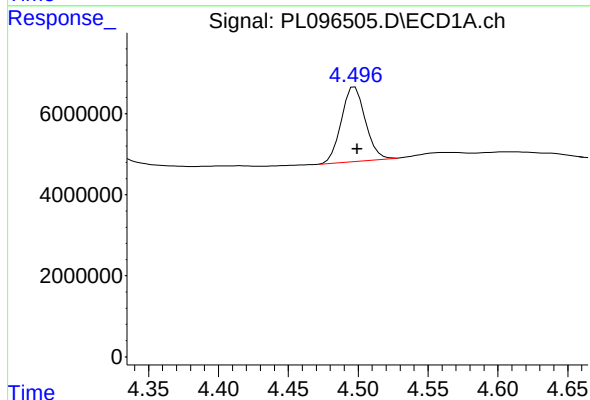
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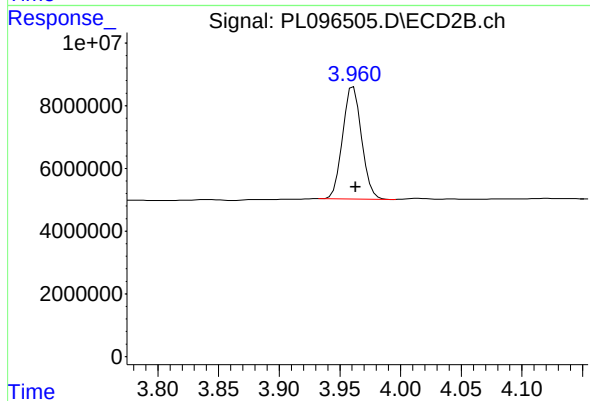
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 85522802
Conc: 10.86 ng/ml



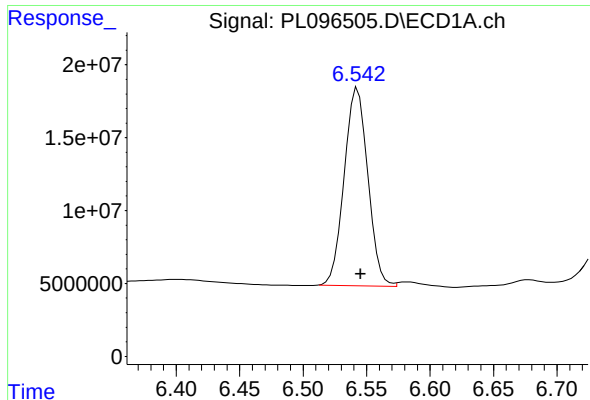
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 21943686
Conc: 10.56 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 38977484
Conc: 11.38 ng/ml



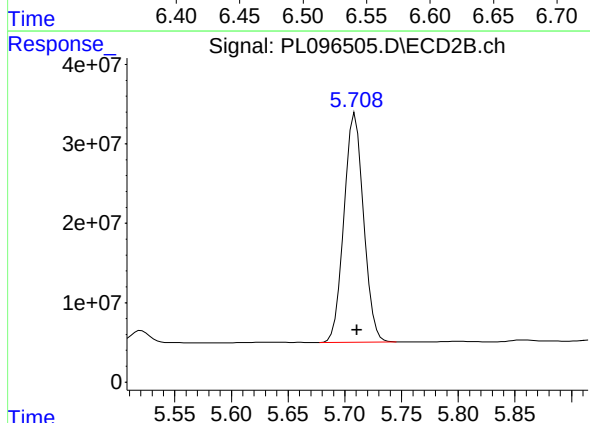
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 175890153
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

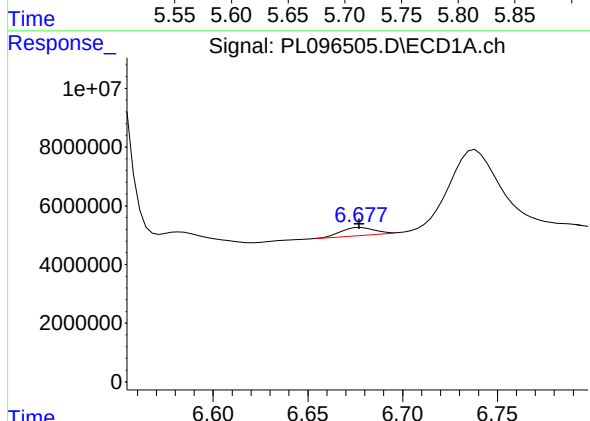
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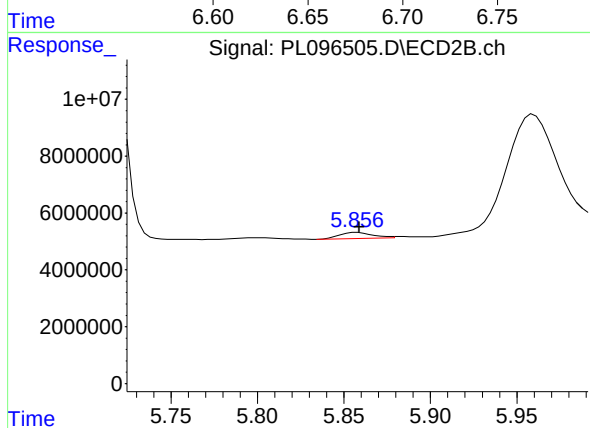
#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 346194826
Conc: 56.79 ng/ml



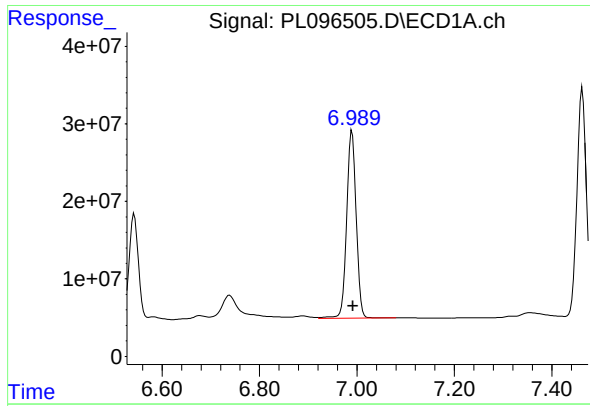
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3450620
Conc: 1.19 ng/ml m



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 2978707
Conc: 0.58 ng/ml m



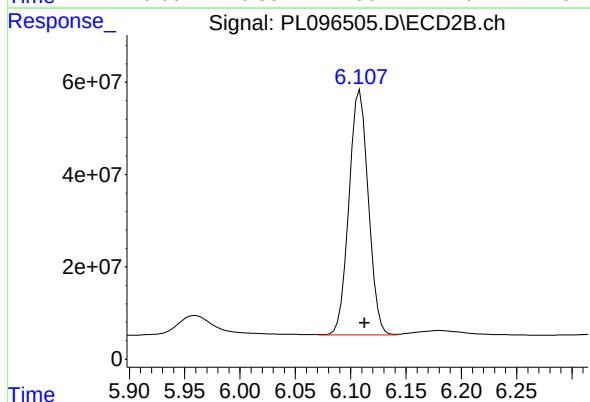
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 328639908
Conc: 108.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

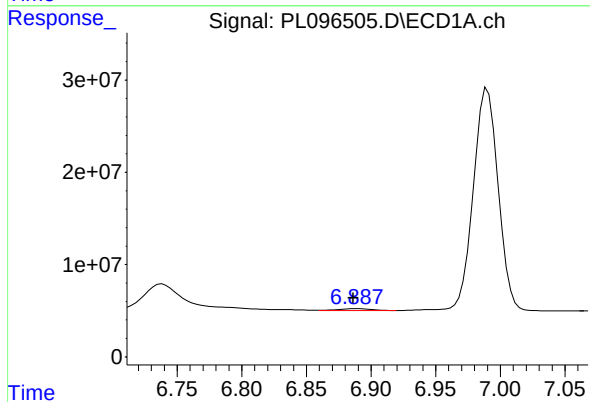
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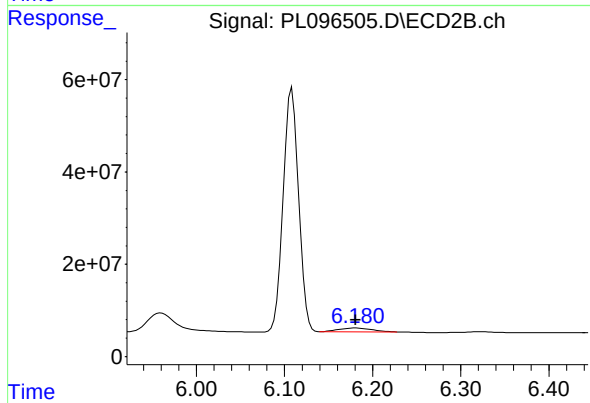
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 647813223
Conc: 112.96 ng/ml



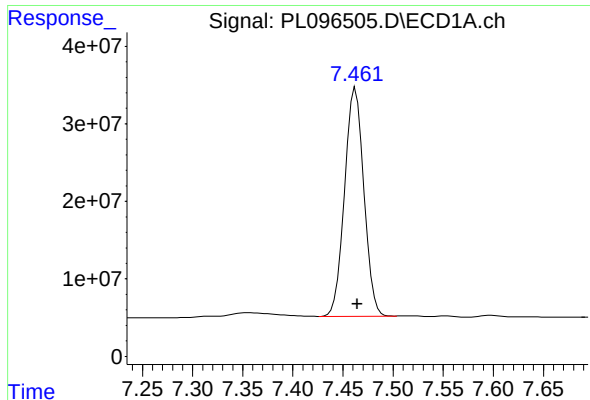
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 3383447
Conc: 1.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 22372814
Conc: 5.02 ng/ml m



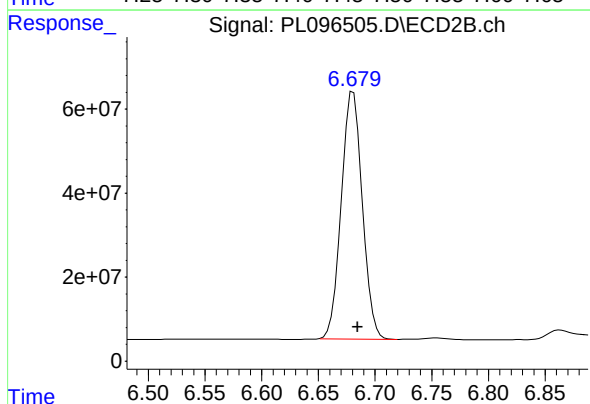
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 394850966
Conc: 250.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

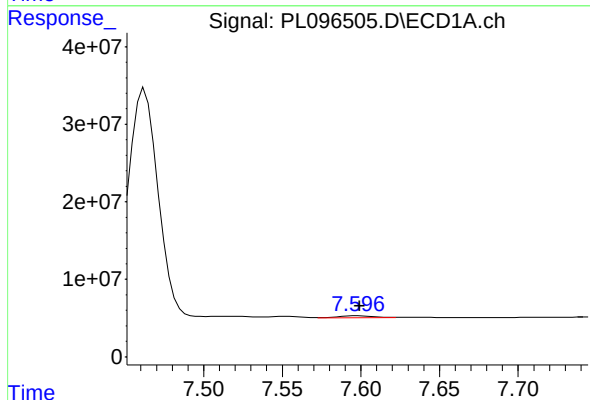
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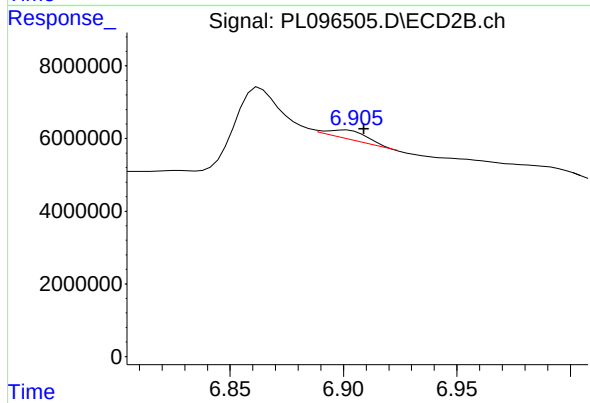
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 759304203
Conc: 249.95 ng/ml



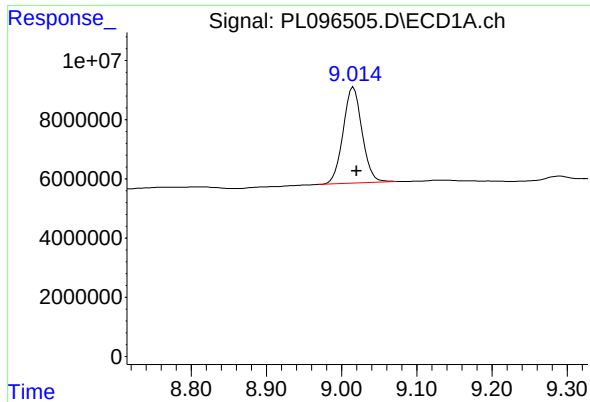
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 3390004
Conc: 1.03 ng/ml m



#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 2776400
Conc: 0.44 ng/ml m



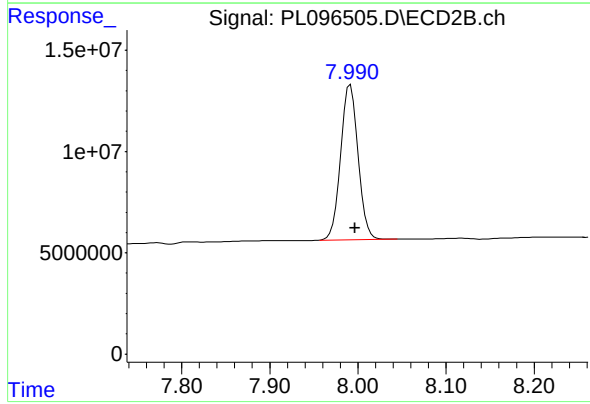
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 56724723
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 105401999
Conc: 21.14 ng/ml