

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 11:55
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 12:09:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 12:09:00 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...	3.525	2.823	20760581	31889450	5.092	5.239
28) SA Decachlor...	8.995	7.980	16313666	30126190	5.486	5.806
Target Compounds						
2) A alpha-BHC	3.972	3.327	31631322	45990795	4.689	4.661
3) MA gamma-BHC...	4.299	3.659	30329973	44004103	4.772	4.790
4) MA Heptachlor	4.888	4.006	32306585	46717000	5.012m	5.082
5) MB Aldrin	5.228	4.288	29793038	42975067	4.955	4.956
6) B beta-BHC	4.487	3.955	13232665	21469148	5.118	5.397
7) B delta-BHC	4.732	4.187	30468498	42743595	5.017	4.731
8) B Heptachlo...	5.646	4.790	33101826	41697351	5.537m	5.280
9) A Endosulfan I	6.029	5.159	25685922	39259145	5.167	5.271m
10) B gamma-Chl...	5.901	5.040	26959817	45741136	4.967	5.277m
11) B alpha-Chl...	5.982	5.104	28366665	43589310	5.227	5.249m
12) B 4,4'-DDE	6.152	5.294	22578205	37045119	4.848	4.879
13) MA Dieldrin	6.301	5.425	26178667	43077308	4.976	5.210
14) MA Endrin	6.527	5.700	22242785	40023725	4.971	5.408
15) B Endosulfa...	6.740	5.991	30509296	35911153	6.264m	5.179
16) A 4,4'-DDD	6.659	5.845	18850267	32072276	4.987m	5.022m
17) MA 4,4'-DDT	6.975	6.099	19545223	31911242	4.820	4.789
18) B Endrin al...	6.870	6.169	17702219	38554790	5.402	6.695
19) B Endosulfa...	7.103	6.393	21130418	35709397	5.270	5.364
20) A Methoxychlor	7.446	6.670	11260639	20091269	5.375m	5.512
21) B Endrin ke...	7.581	6.895	21852412	45578581	5.118m	5.818m
22) Mirex	8.061	7.086	17837199	31483732	5.740	5.885

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:55
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

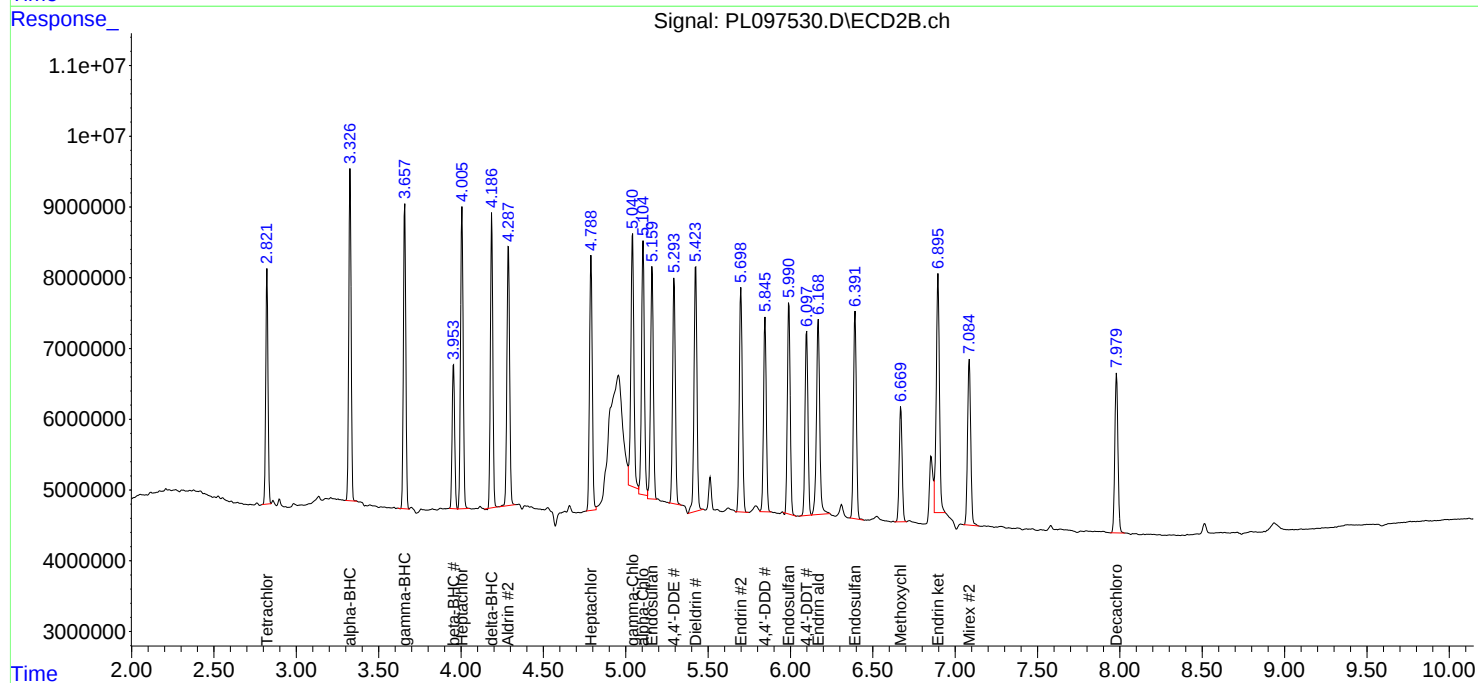
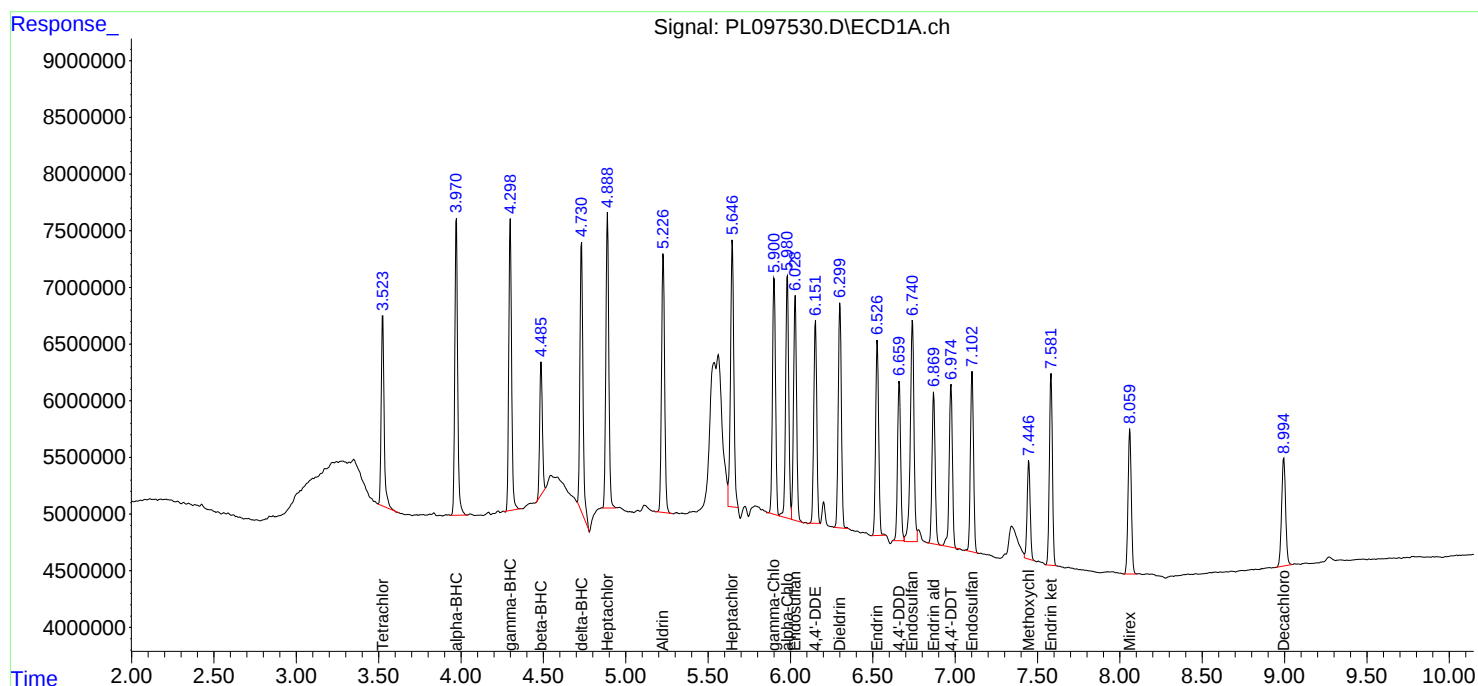
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

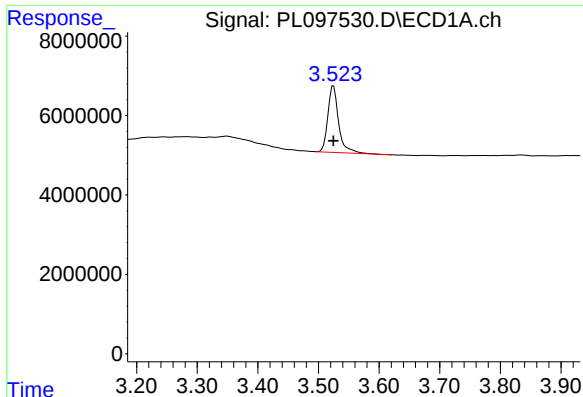
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 12:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 12:09:00 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





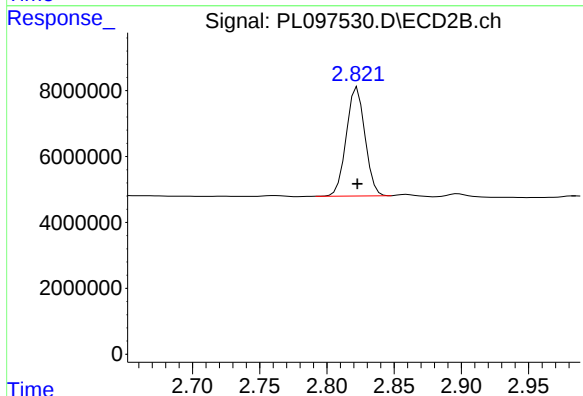
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 20760581
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

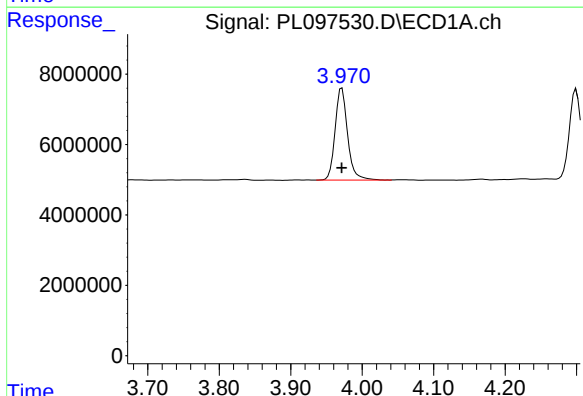
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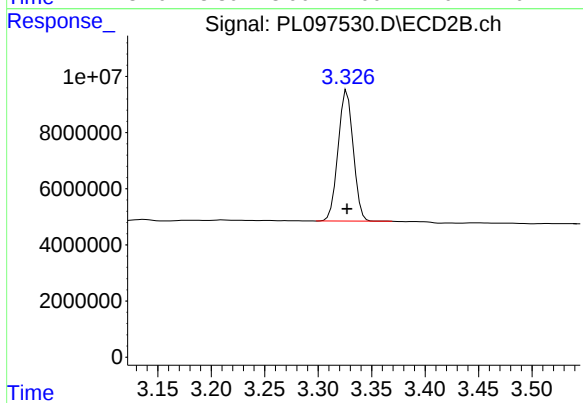
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 31889450
Conc: 5.24 ng/ml



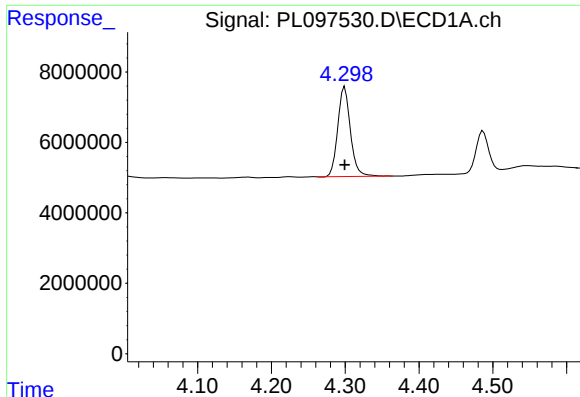
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 31631322
Conc: 4.69 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 45990795
Conc: 4.66 ng/ml



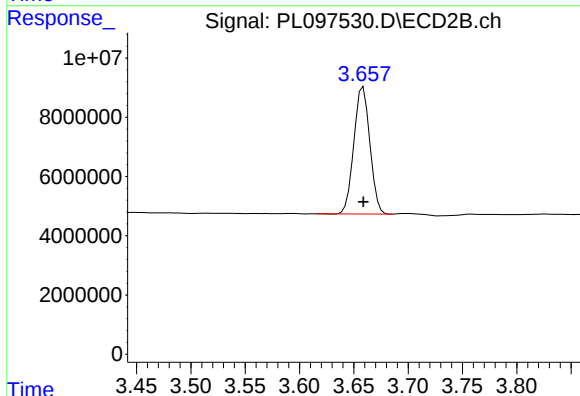
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 30329973
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

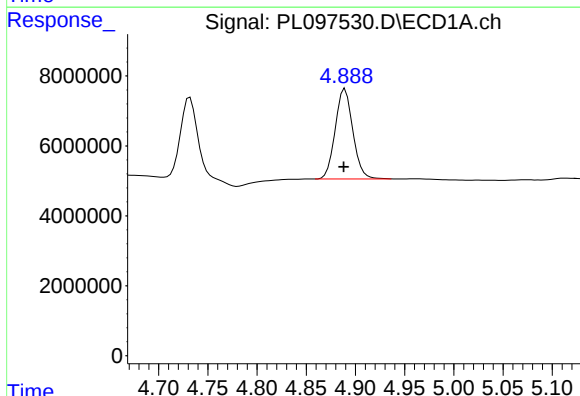
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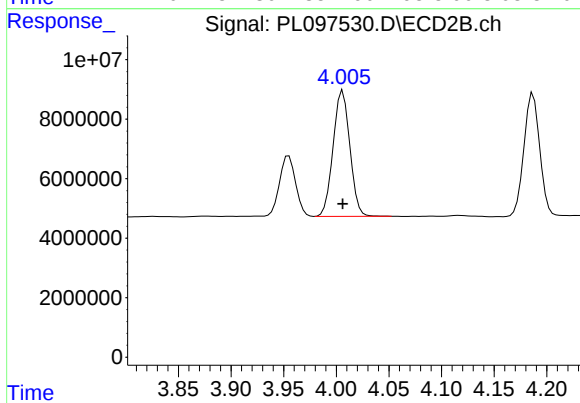
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 44004103
Conc: 4.79 ng/ml



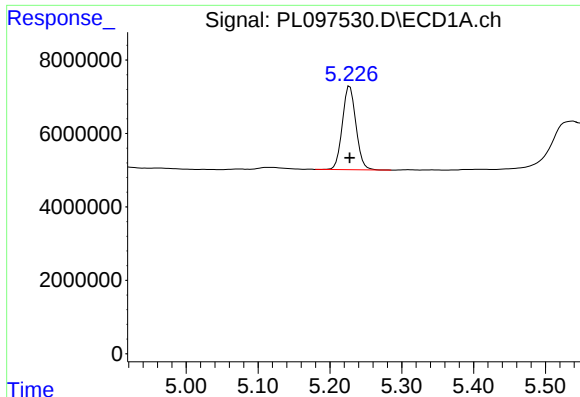
#4 Heptachlor

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 32306585
Conc: 5.01 ng/ml m



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 46717000
Conc: 5.08 ng/ml



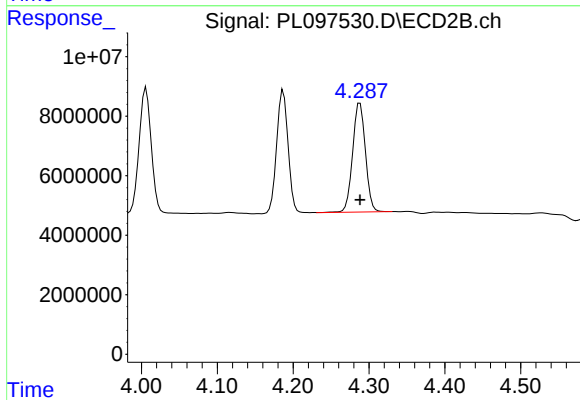
#5 Aldrin

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 29793038
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

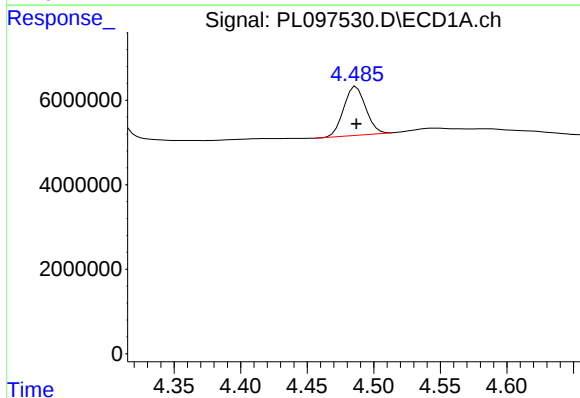
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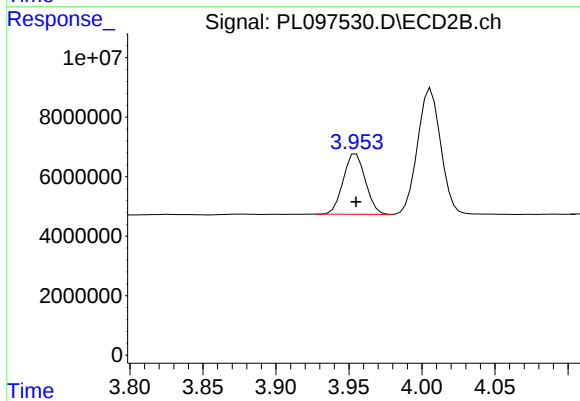
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 42975067
Conc: 4.96 ng/ml



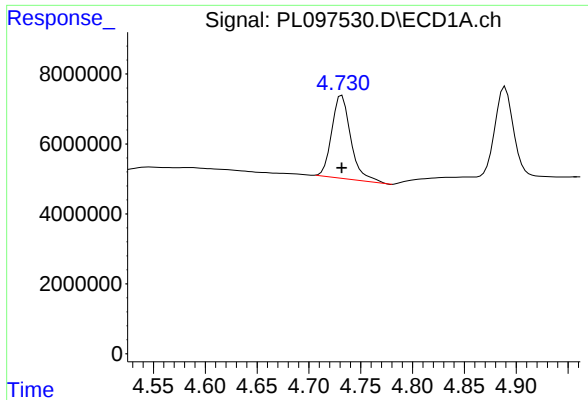
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 13232665
Conc: 5.12 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 21469148
Conc: 5.40 ng/ml



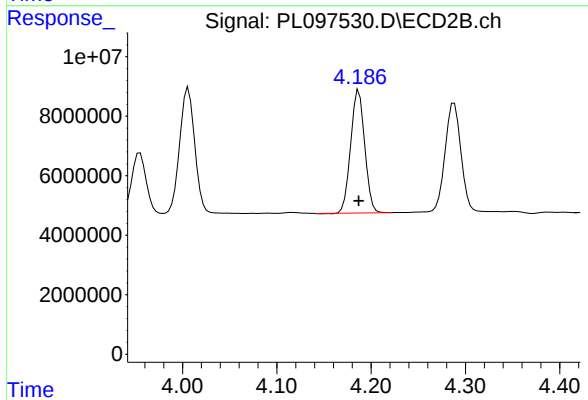
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 30468498
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

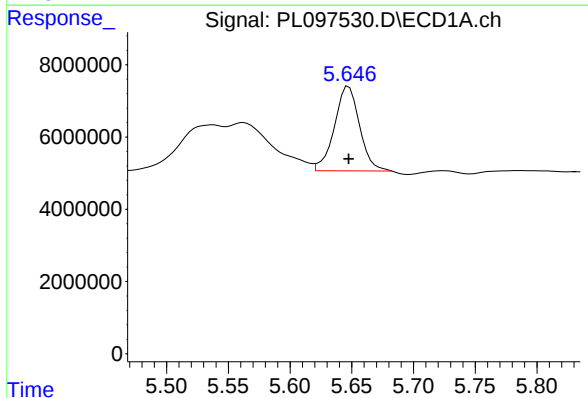
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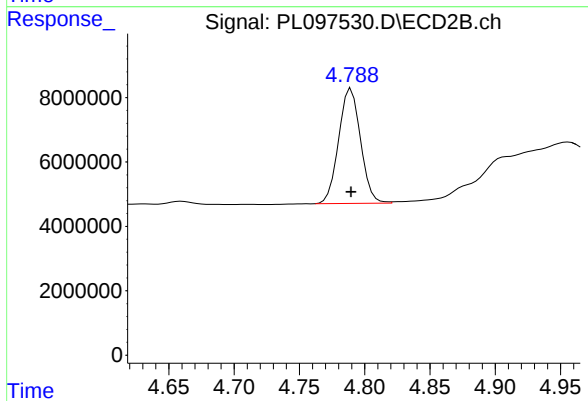
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 42743595
Conc: 4.73 ng/ml



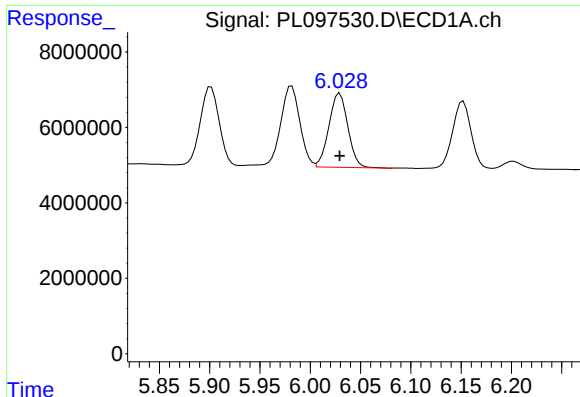
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 33101826
Conc: 5.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 41697351
Conc: 5.28 ng/ml



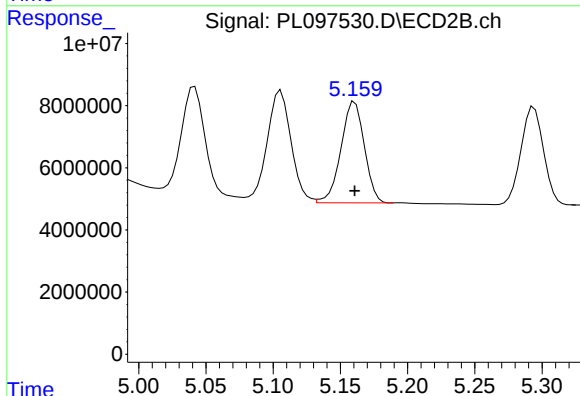
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 25685922
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

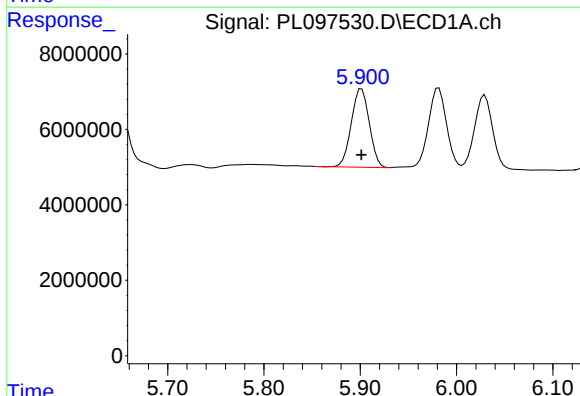
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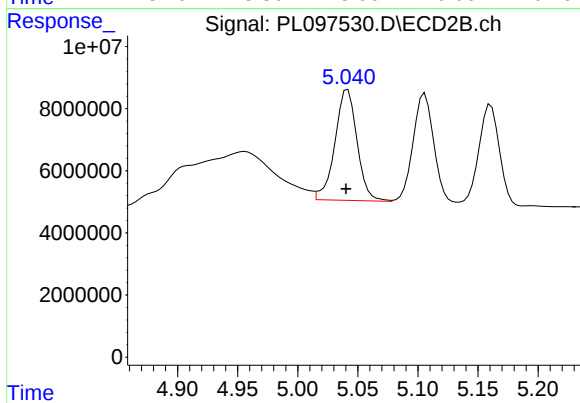
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 39259145
Conc: 5.27 ng/ml m



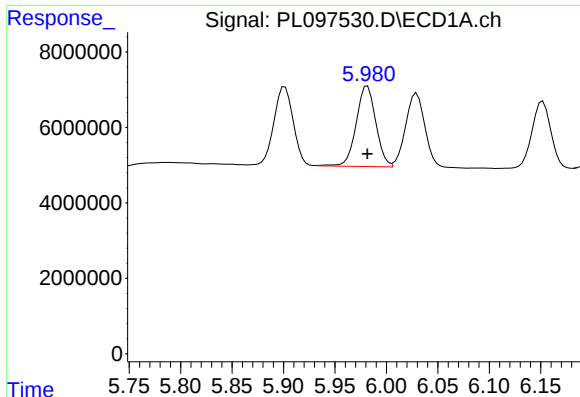
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 26959817
Conc: 4.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 45741136
Conc: 5.28 ng/ml m



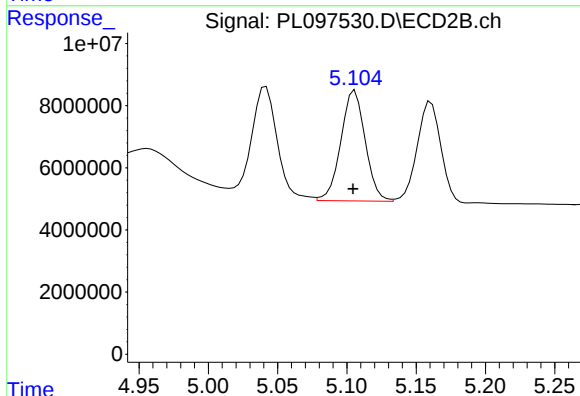
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 28366665
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

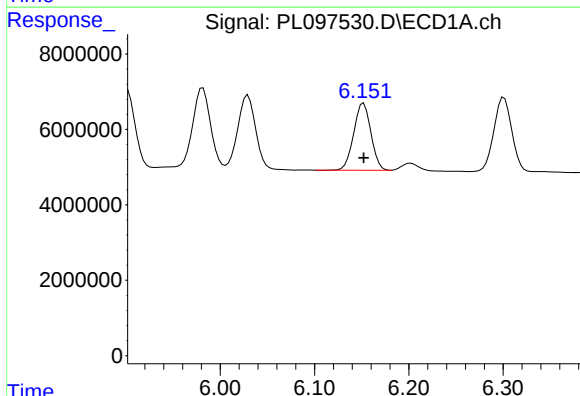
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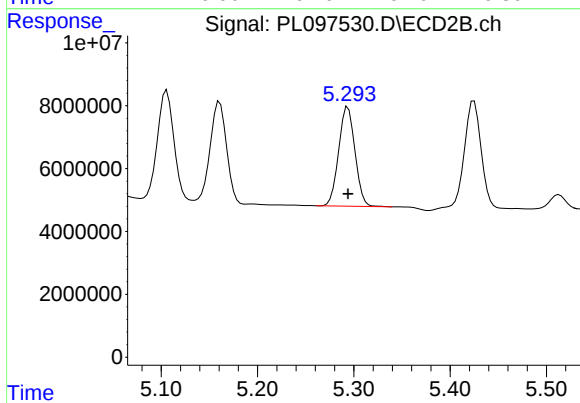
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 43589310
Conc: 5.25 ng/ml m



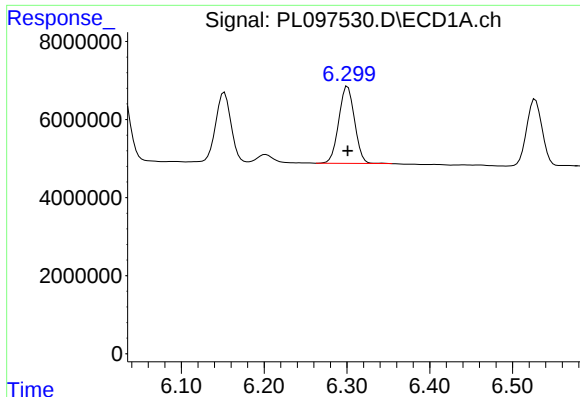
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 22578205
Conc: 4.85 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 37045119
Conc: 4.88 ng/ml



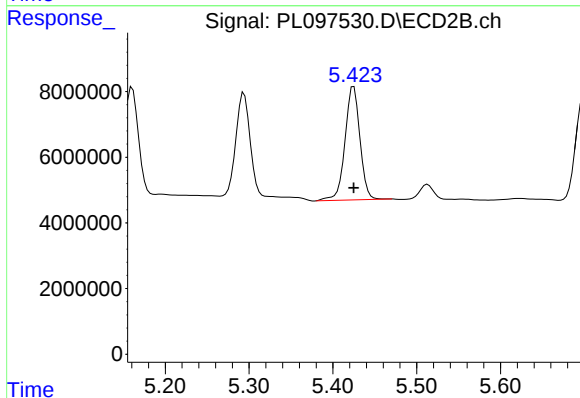
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 26178667
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

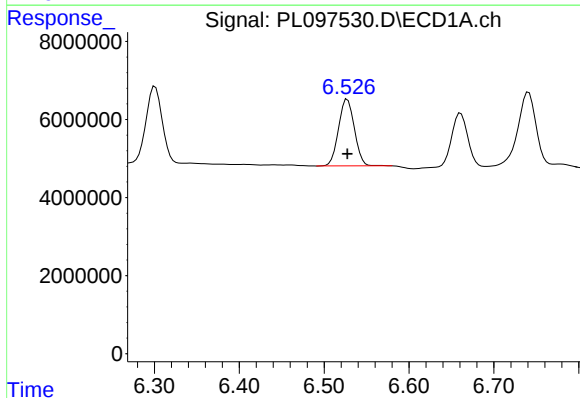
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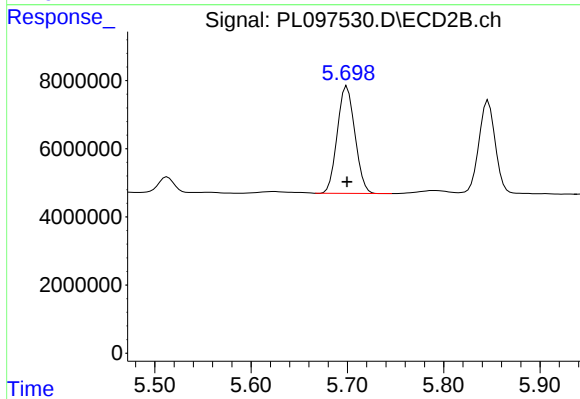
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 43077308
Conc: 5.21 ng/ml



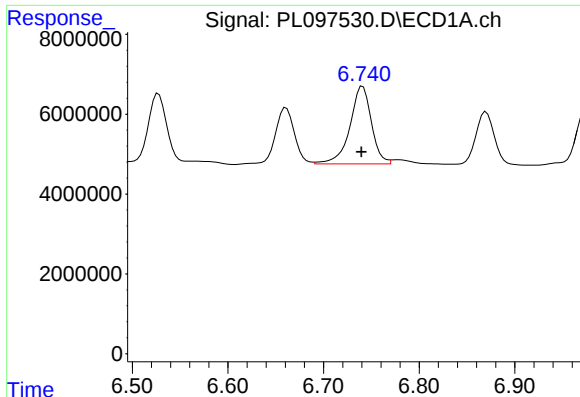
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 22242785
Conc: 4.97 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 40023725
Conc: 5.41 ng/ml



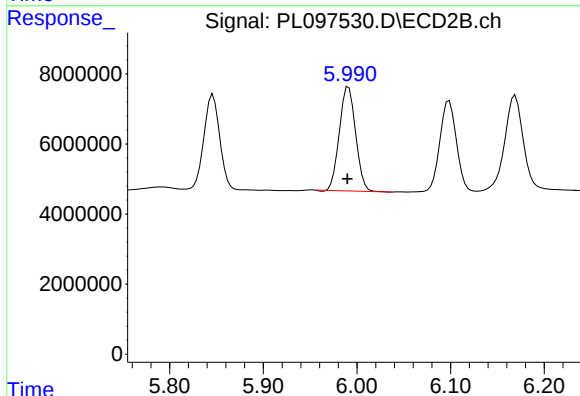
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 30509296
Conc: 6.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

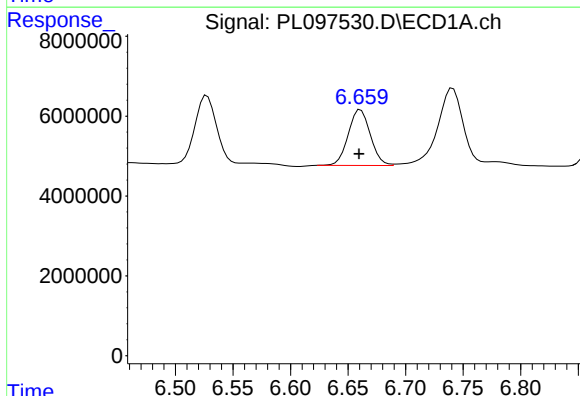
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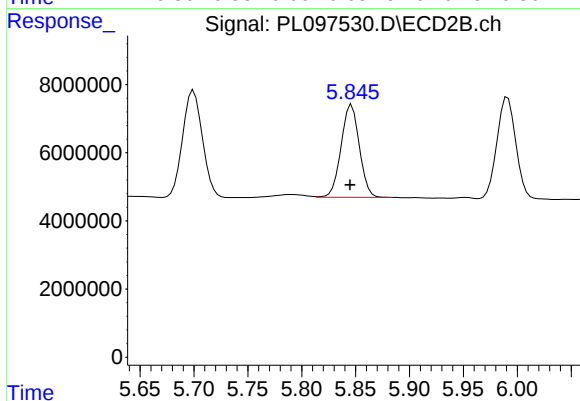
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: 0.001 min
Response: 35911153
Conc: 5.18 ng/ml



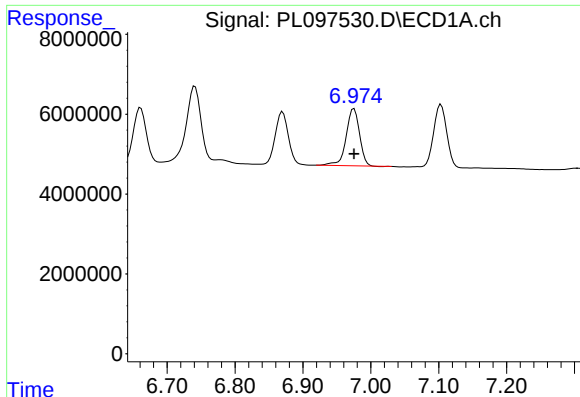
#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 18850267
Conc: 4.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 32072276
Conc: 5.02 ng/ml m



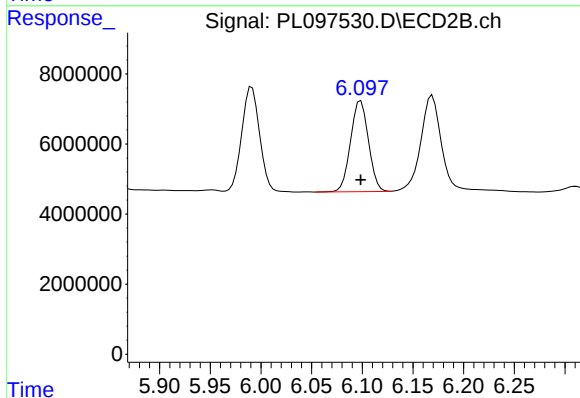
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 19545223
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

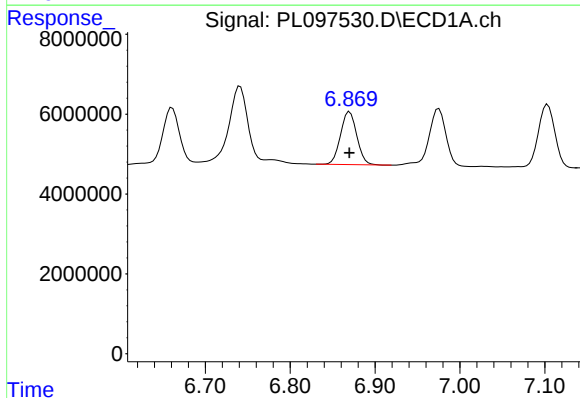
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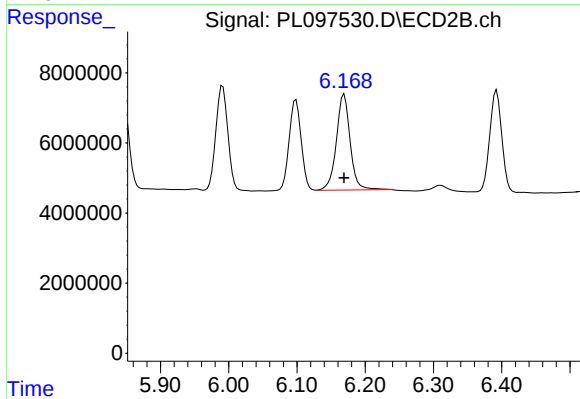
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 31911242
Conc: 4.79 ng/ml



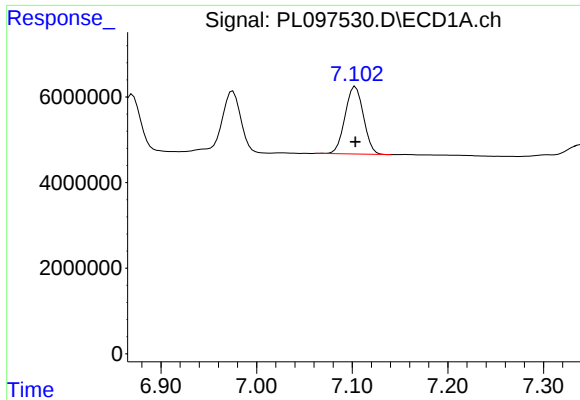
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 17702219
Conc: 5.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 38554790
Conc: 6.70 ng/ml



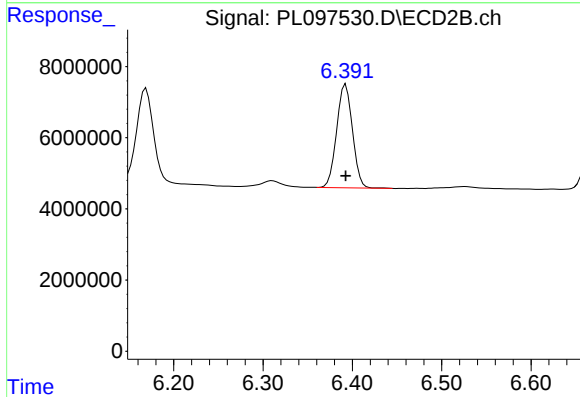
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 21130418
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

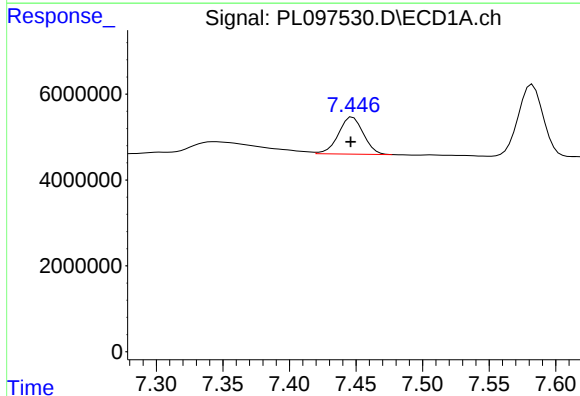
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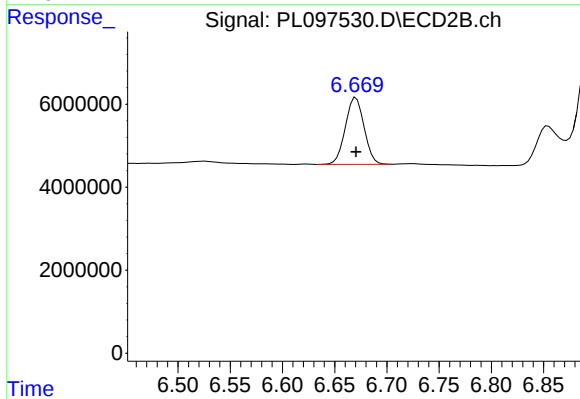
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 35709397
Conc: 5.36 ng/ml



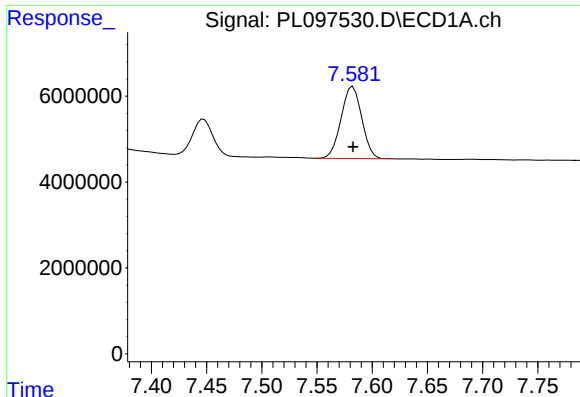
#20 Methoxychlor

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 11260639
Conc: 5.37 ng/ml m



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 20091269
Conc: 5.51 ng/ml



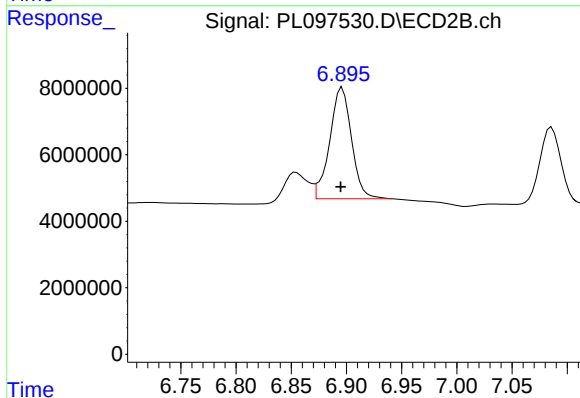
#21 Endrin ketone

R.T.: 7.581 min
Delta R.T.: -0.001 min
Response: 21852412
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

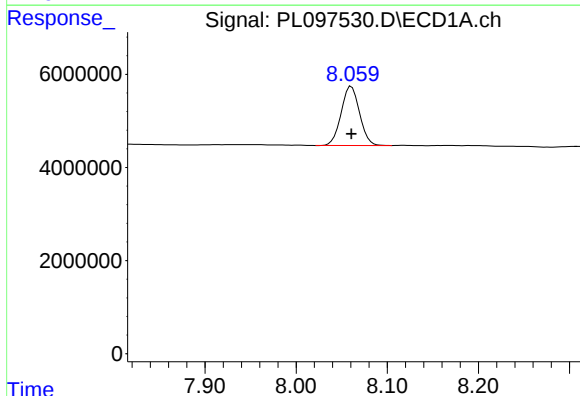
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Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



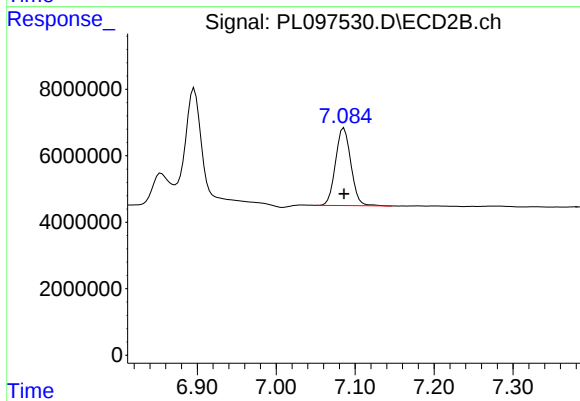
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 45578581
Conc: 5.82 ng/ml m



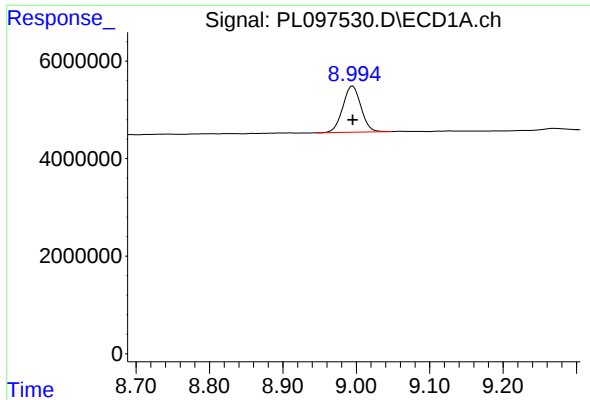
#22 Mirex

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 17837199
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 31483732
Conc: 5.88 ng/ml



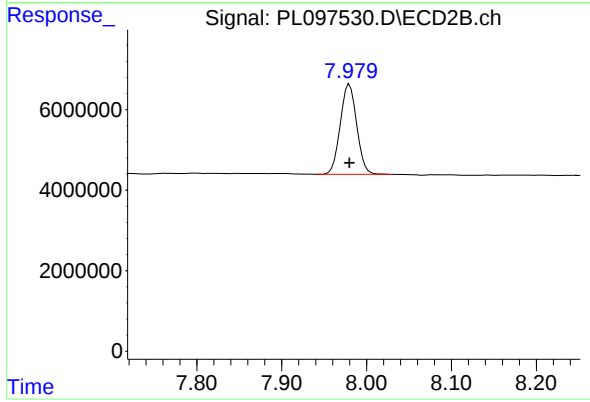
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 16313666
Conc: 5.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 30126190
Conc: 5.81 ng/ml