

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 11:41
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

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 11:55:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 11:55:26 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	101.9E6	151.5E6	25.113	25.201
28)	SA Decachlor...	8.995	7.980	75883634	132.2E6	26.154	26.542
Target Compounds							
2)	A alpha-BHC	3.972	3.327	166.9E6	245.5E6	24.370	24.464
3)	MA gamma-BHC...	4.300	3.659	158.2E6	229.2E6	24.614	24.689
4)	MA Heptachlor	4.890	4.007	163.9E6	230.9E6	25.415	25.224
5)	MB Aldrin	5.229	4.289	150.1E6	216.4E6	24.910	24.904
6)	B beta-BHC	4.487	3.955	65516856	101.1E6	25.491	25.931
7)	B delta-BHC	4.733	4.188	150.5E6	225.1E6	24.806	24.582
8)	B Heptachlo...	5.649	4.790	147.1E6	199.4E6	26.154	25.610
9)	A Endosulfan I	6.030	5.161	125.6E6	189.9E6	25.468	26.176
10)	B gamma-Chl...	5.902	5.042	137.8E6	221.1E6	25.349	25.772
11)	B alpha-Chl...	5.982	5.106	136.7E6	210.9E6	25.480	25.624
12)	B 4,4'-DDE	6.153	5.295	114.5E6	189.7E6	24.410	24.837
13)	MA Dieldrin	6.302	5.425	131.5E6	202.4E6	24.965	24.739
14)	MA Endrin	6.527	5.699	111.1E6	181.4E6	24.790m	25.020
15)	B Endosulfa...	6.741	5.992	120.1E6	176.0E6	26.160	25.753
16)	A 4,4'-DDD	6.661	5.847	93542225	158.8E6	24.784	24.930
17)	MA 4,4'-DDT	6.975	6.099	101.3E6	166.3E6	24.764	24.698
18)	B Endrin al...	6.870	6.170	82892425	142.4E6	25.817	27.010
19)	B Endosulfa...	7.103	6.393	101.8E6	169.7E6	25.745	25.958
20)	A Methoxychlor	7.448	6.670	52550604	93792657	25.657	26.406
21)	B Endrin ke...	7.582	6.897	109.6E6	190.6E6	25.737	25.097
22)	Mirex	8.061	7.086	80257862	137.5E6	26.820	26.901

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:41
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

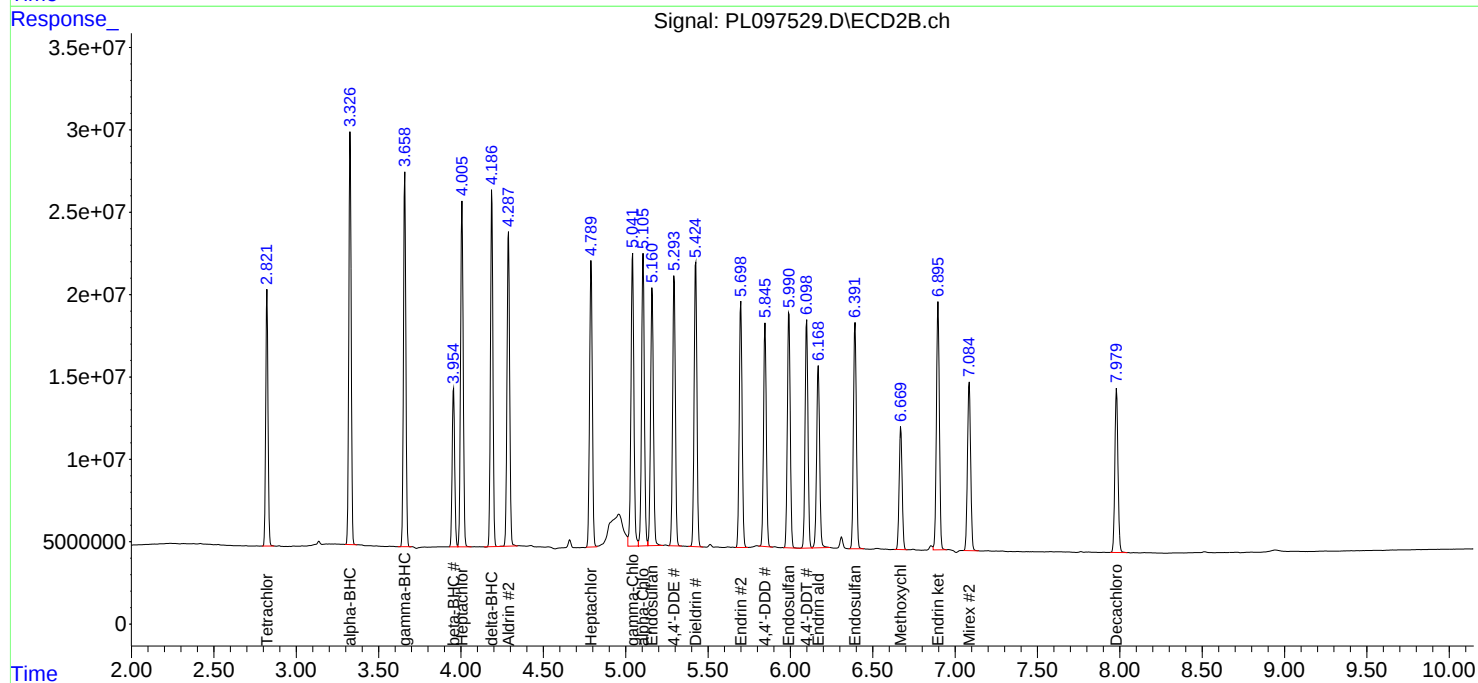
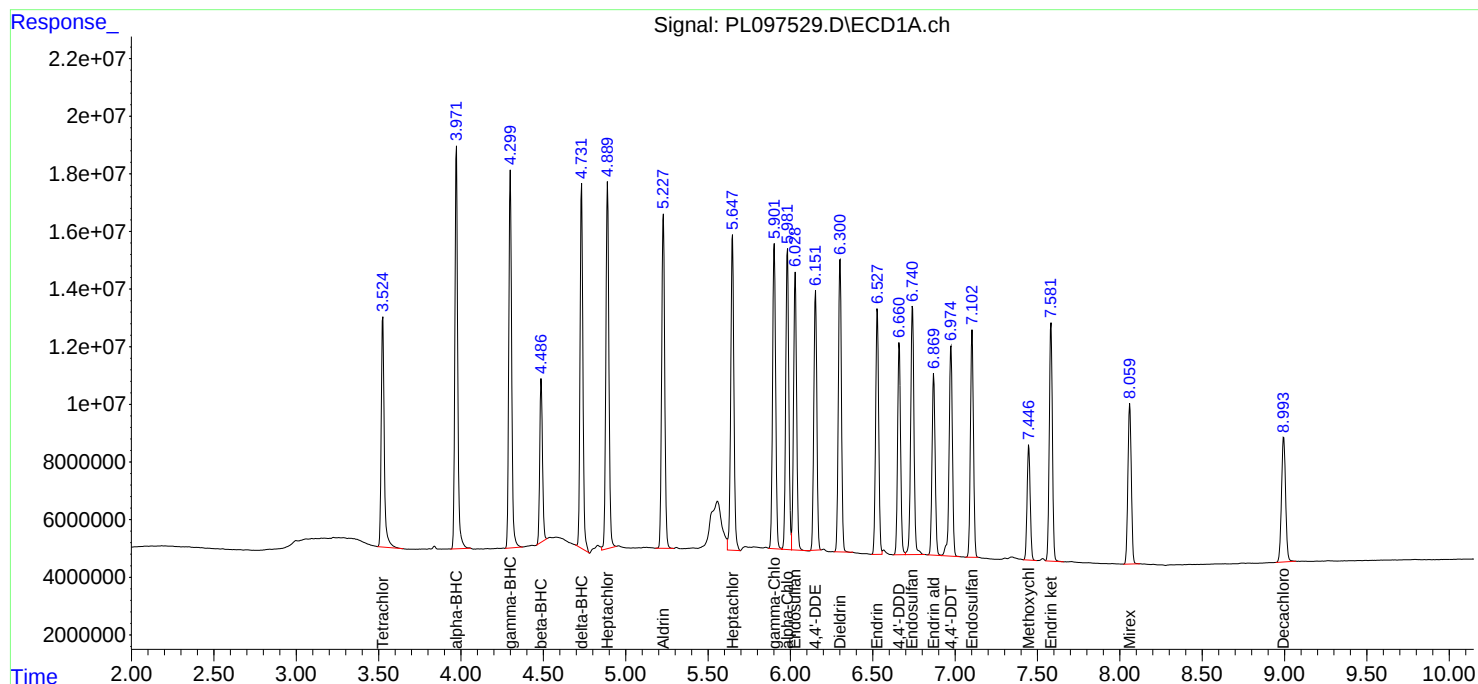
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

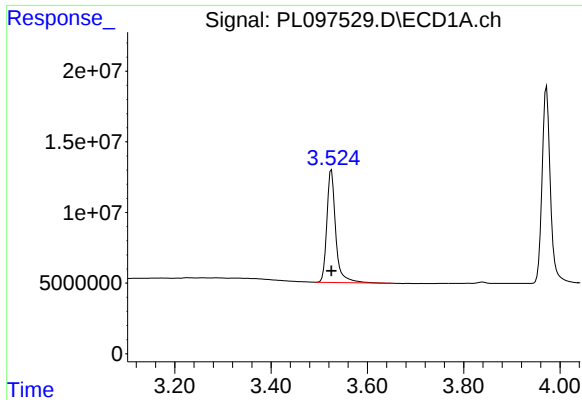
Manual Integrations
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Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:55:26 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





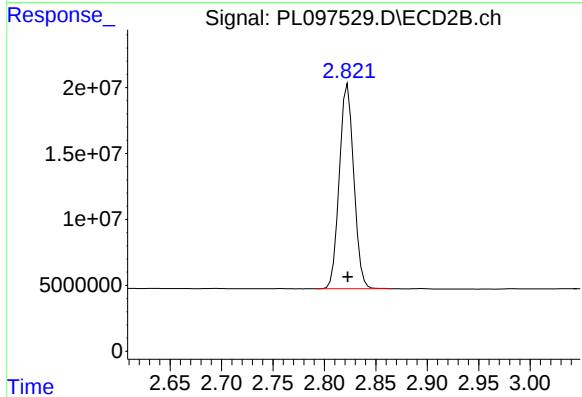
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 101904894
Conc: 25.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

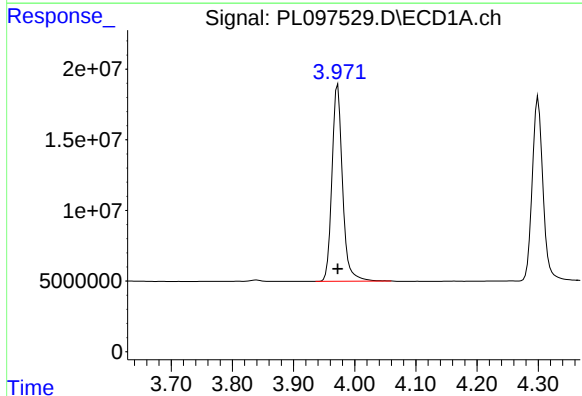
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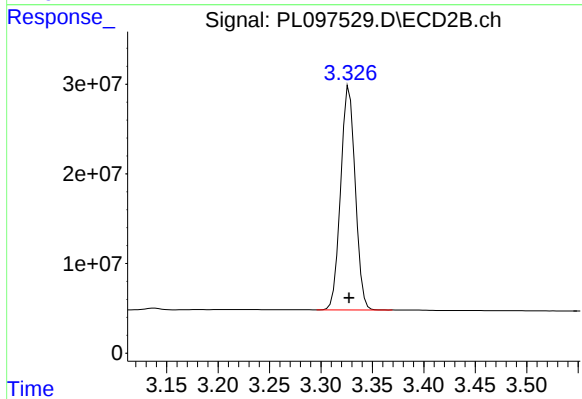
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 151544424
Conc: 25.20 ng/ml



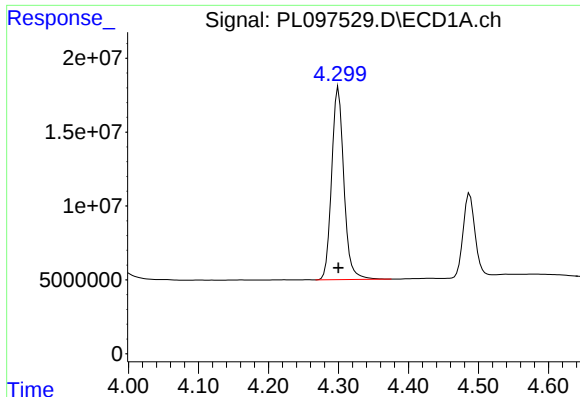
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 166946107
Conc: 24.37 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 245479543
Conc: 24.46 ng/ml



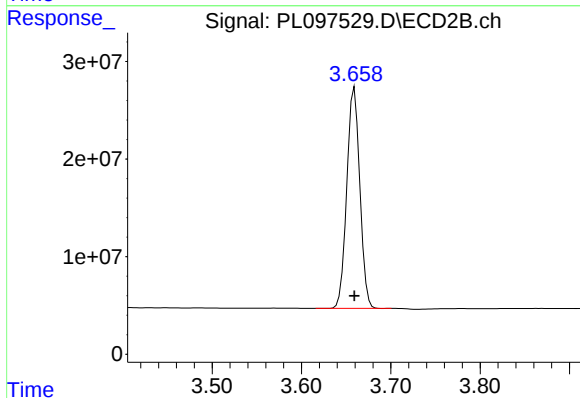
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 158240377
Conc: 24.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

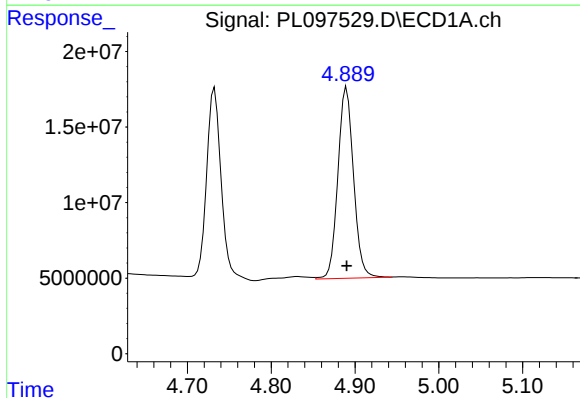
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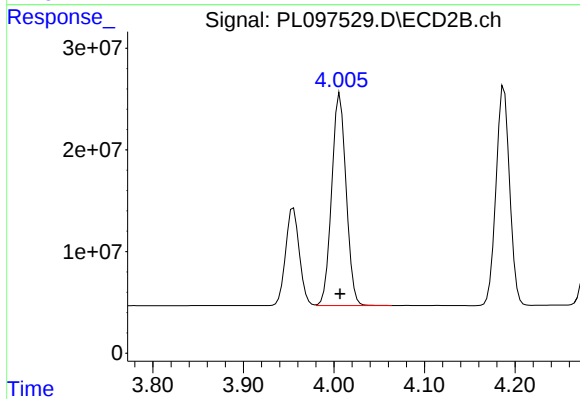
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 229213762
Conc: 24.69 ng/ml



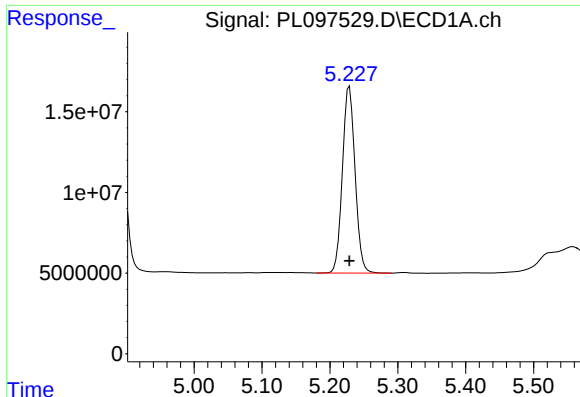
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 163877604
Conc: 25.42 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 230911915
Conc: 25.22 ng/ml



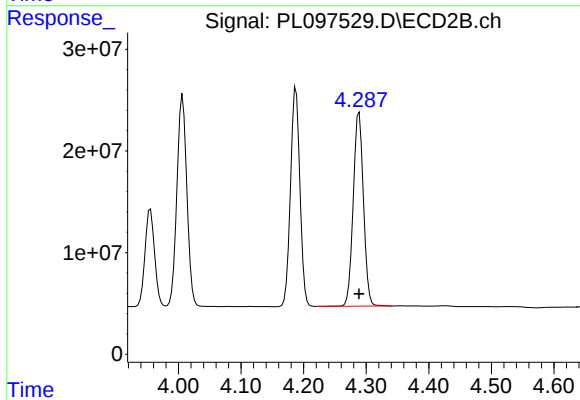
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 150110480
Conc: 24.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

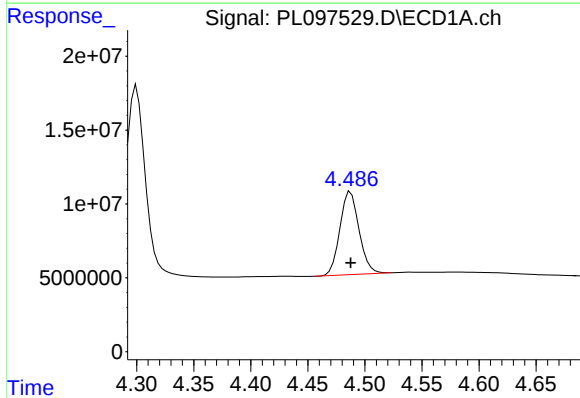
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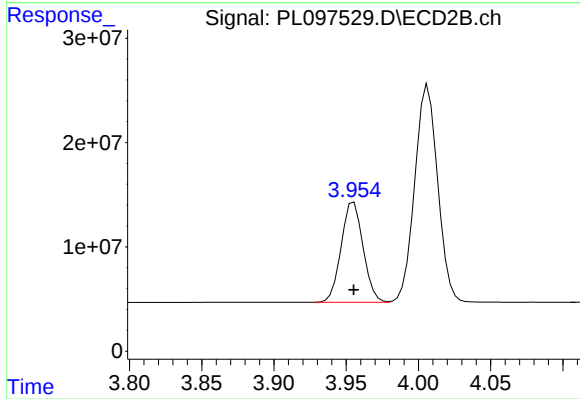
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 216442110
Conc: 24.90 ng/ml



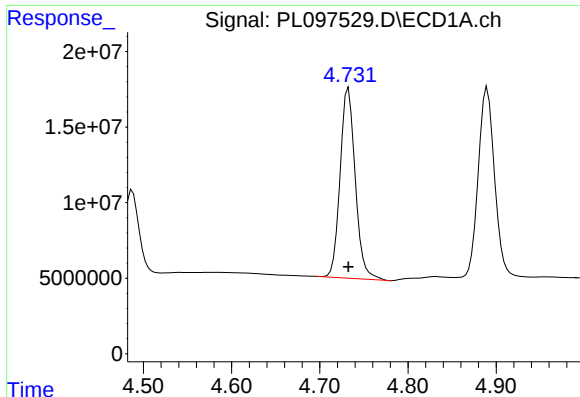
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 65516856
Conc: 25.49 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 101111774
Conc: 25.93 ng/ml



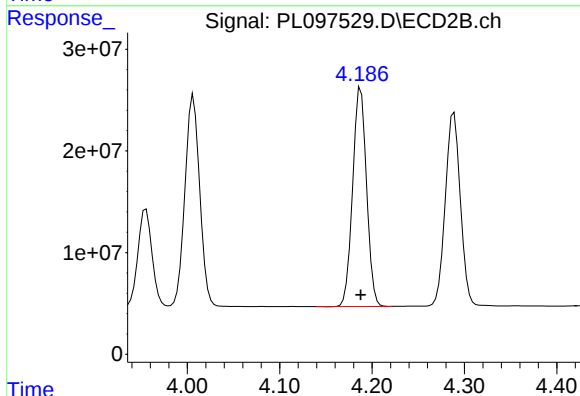
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 150509308
Conc: 24.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

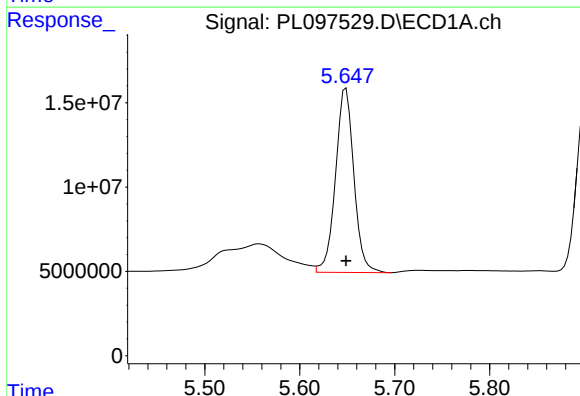
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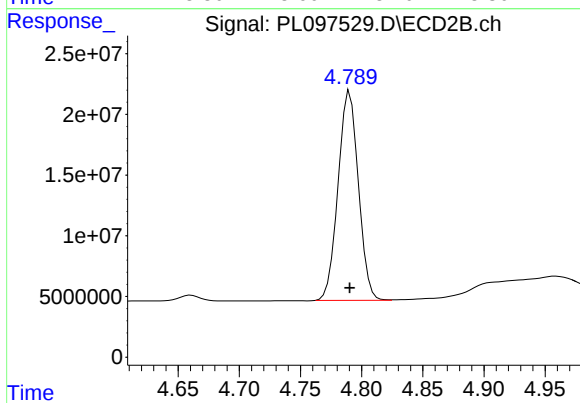
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 225054943
Conc: 24.58 ng/ml



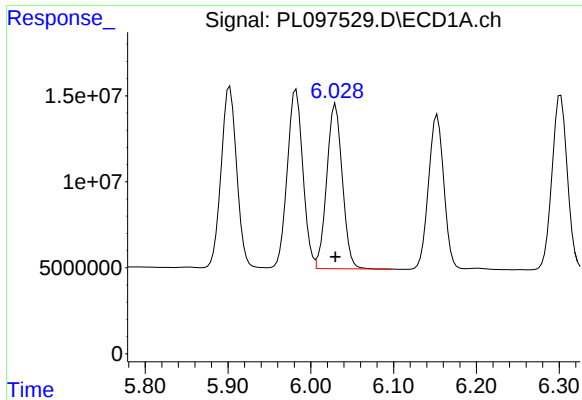
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 147055111
Conc: 26.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 199443779
Conc: 25.61 ng/ml



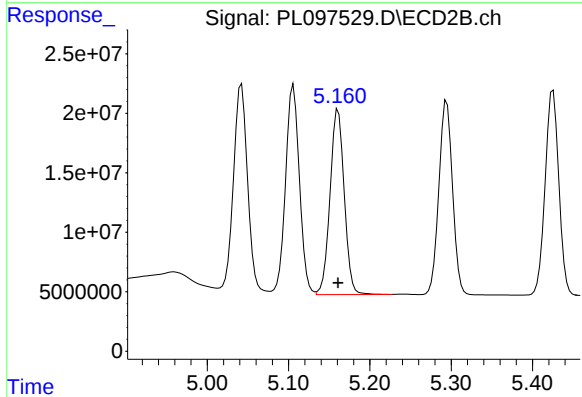
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 125558178
Conc: 25.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

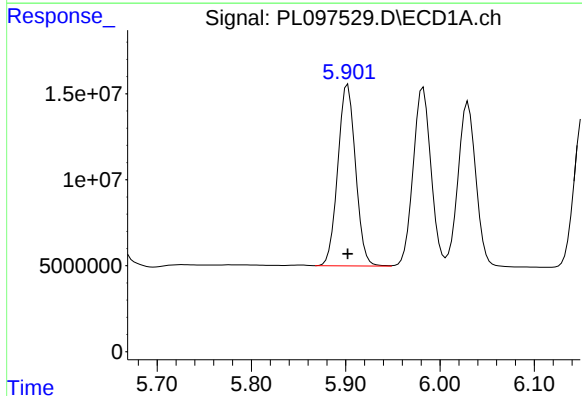
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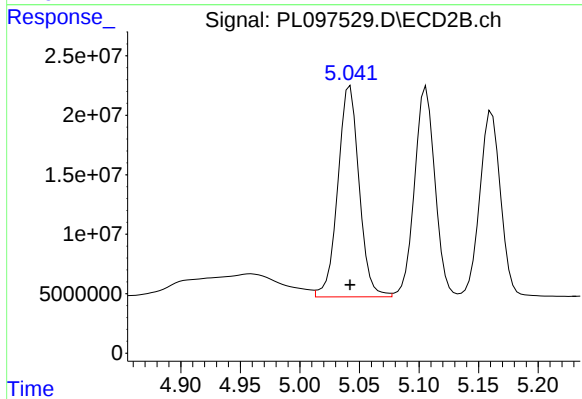
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 189905621
Conc: 26.18 ng/ml



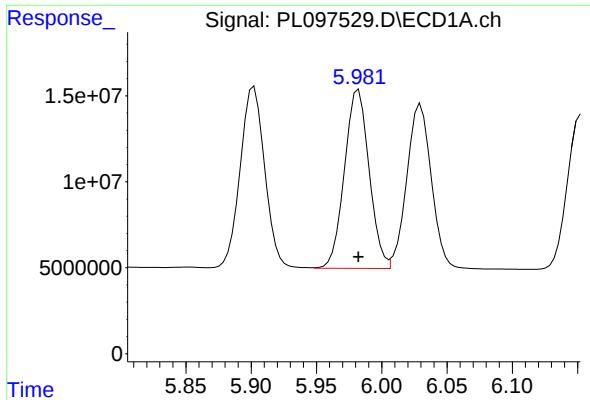
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 137806423
Conc: 25.35 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 221104892
Conc: 25.77 ng/ml



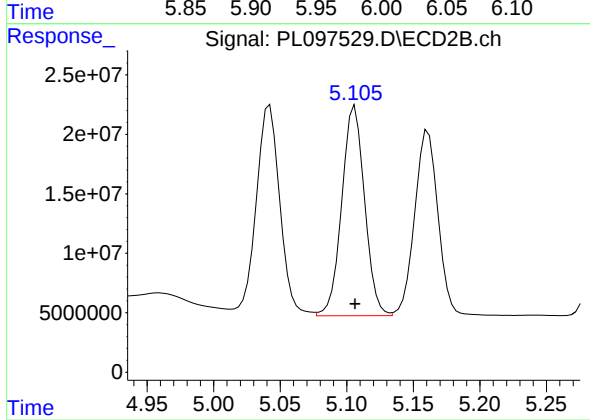
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 136695167
Conc: 25.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

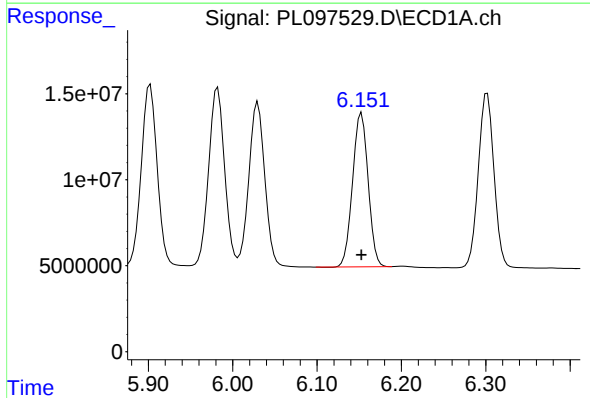
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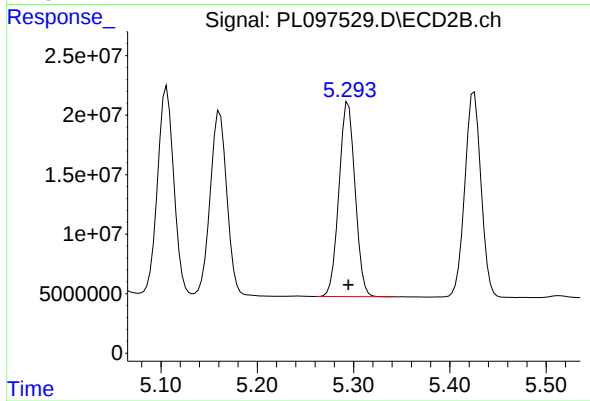
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 210877901
Conc: 25.62 ng/ml



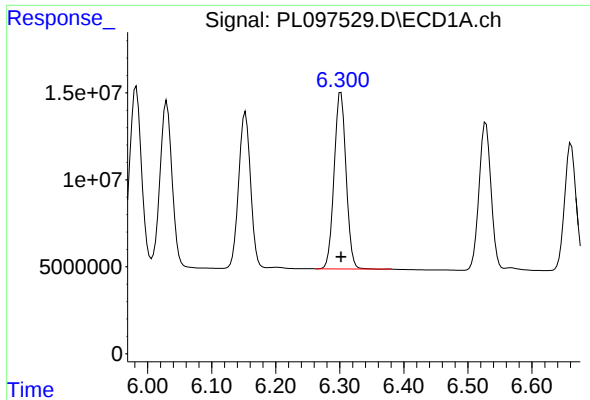
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 114544434
Conc: 24.41 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 189713647
Conc: 24.84 ng/ml



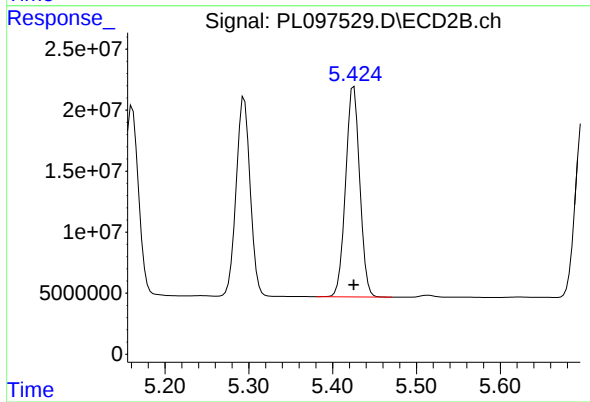
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 131480484
Conc: 24.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

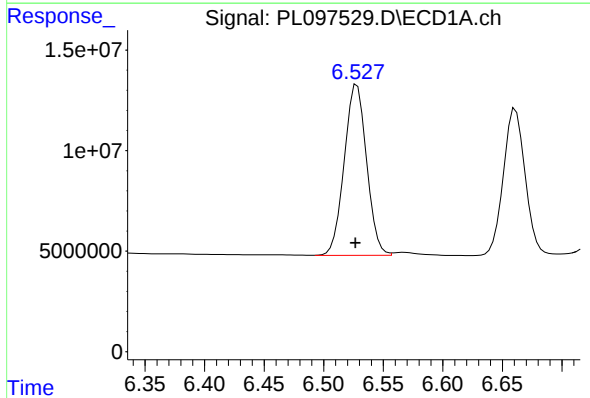
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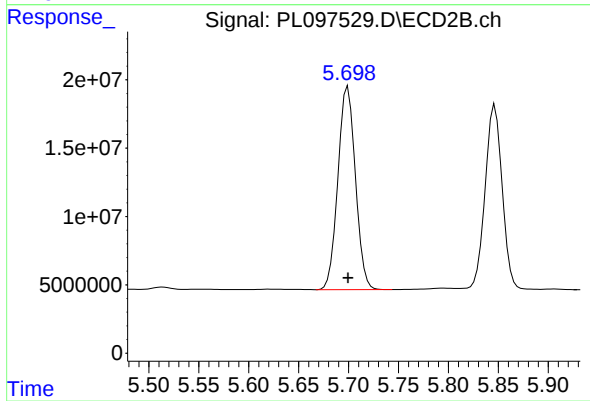
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 202404139
Conc: 24.74 ng/ml



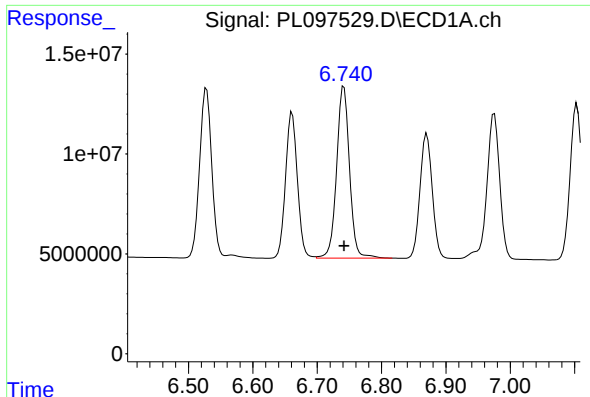
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 111082695
Conc: 24.79 ng/ml m



#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 181414600
Conc: 25.02 ng/ml



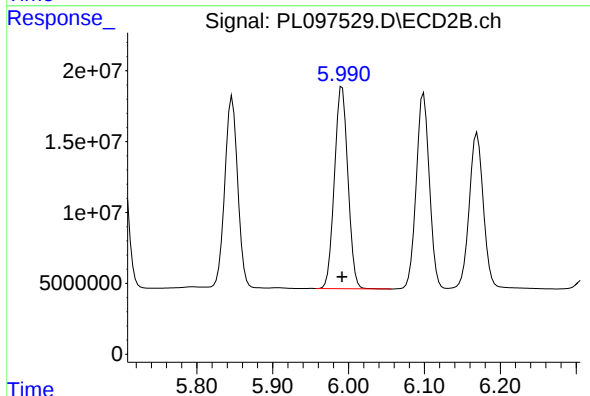
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 120066551
Conc: 26.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

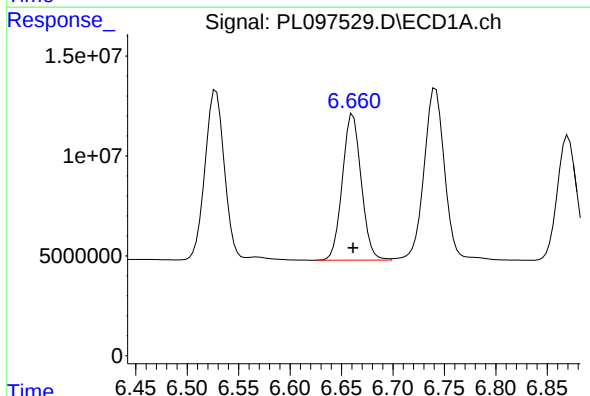
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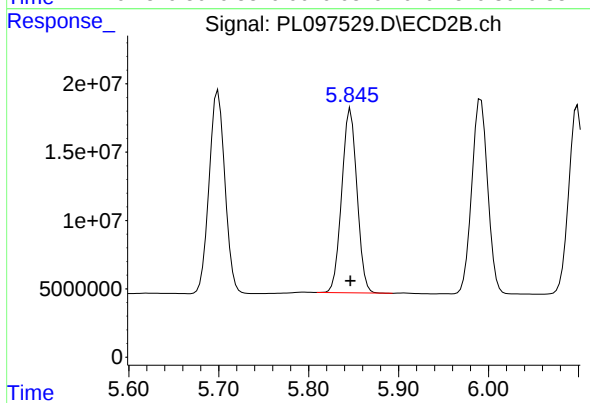
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 176038320
Conc: 25.75 ng/ml



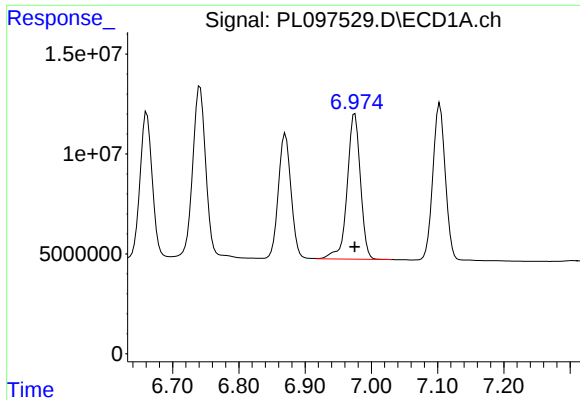
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 93542225
Conc: 24.78 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 158805909
Conc: 24.93 ng/ml



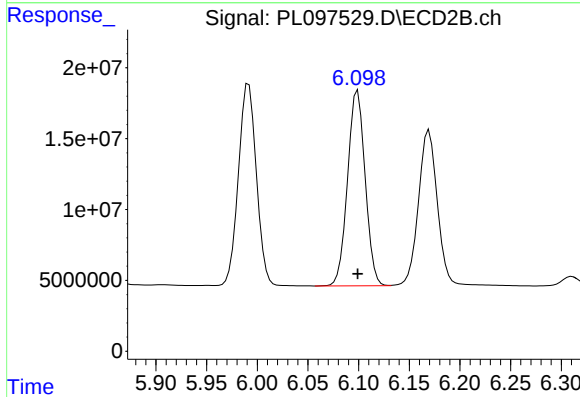
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 101310697
Conc: 24.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

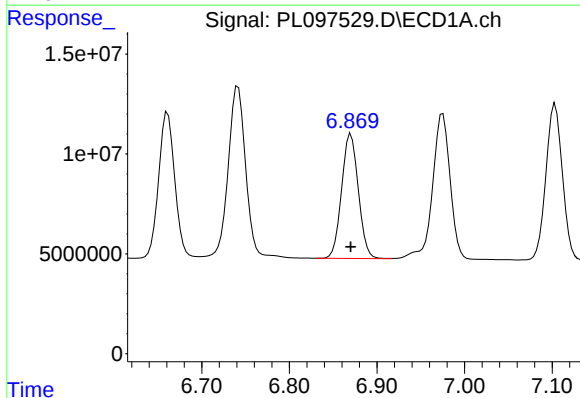
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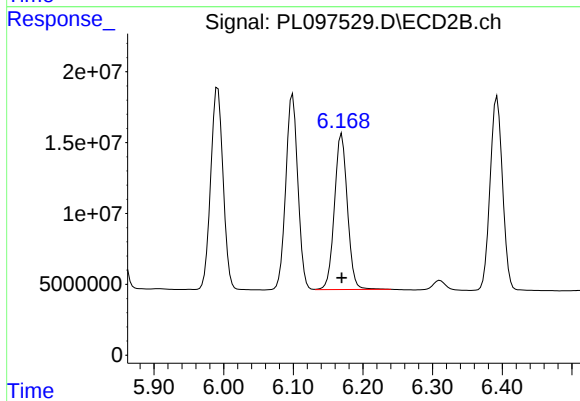
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 166308264
Conc: 24.70 ng/ml



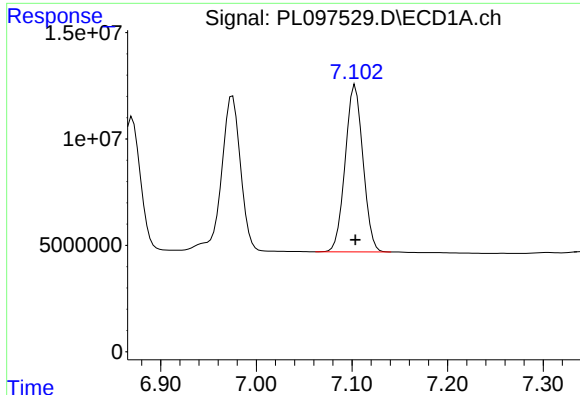
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 82892425
Conc: 25.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 142351415
Conc: 27.01 ng/ml



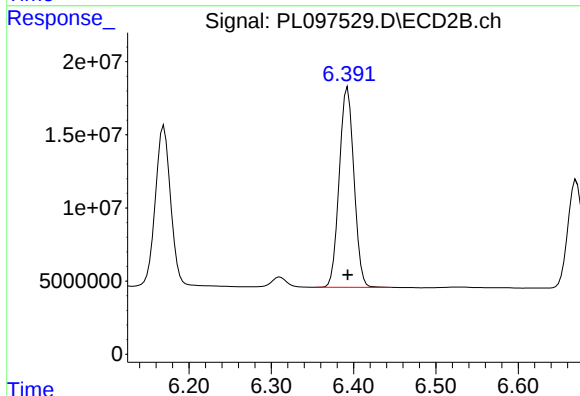
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 101843173
Conc: 25.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

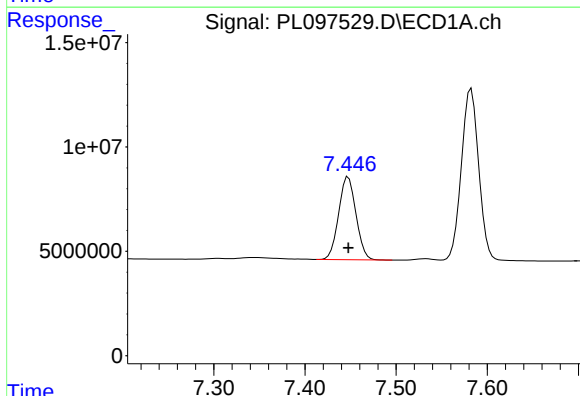
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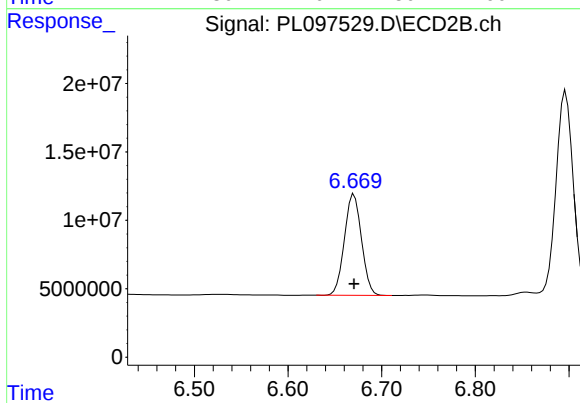
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 169681039
Conc: 25.96 ng/ml



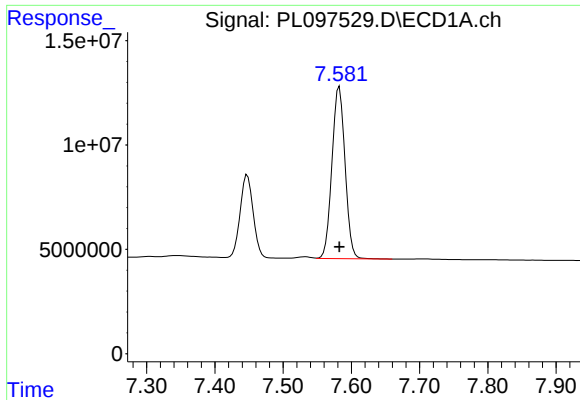
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 52550604
Conc: 25.66 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 93792657
Conc: 26.41 ng/ml



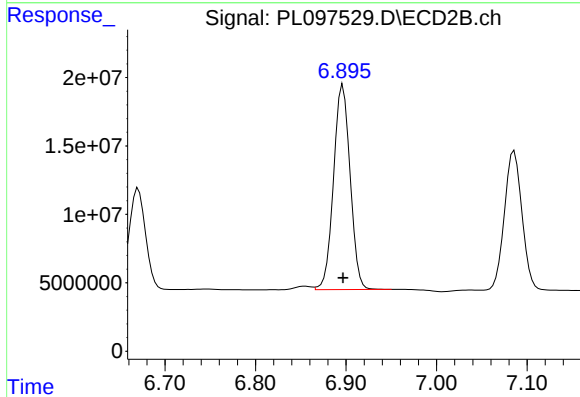
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 109626260
Conc: 25.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

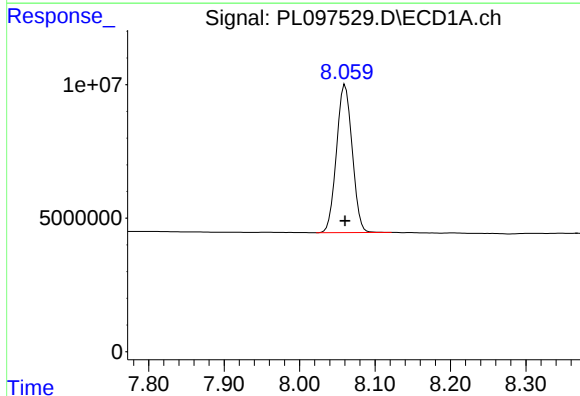
Manual Integrations
APPROVED

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



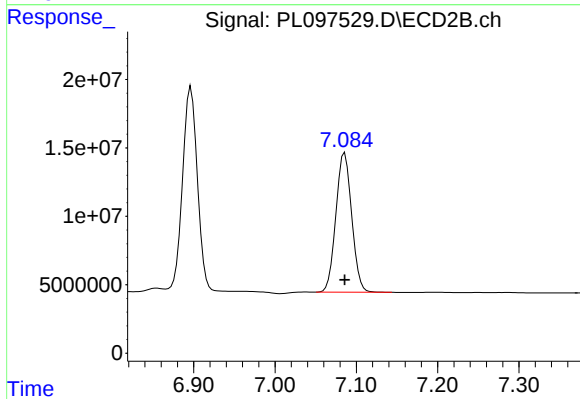
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 190636896
Conc: 25.10 ng/ml



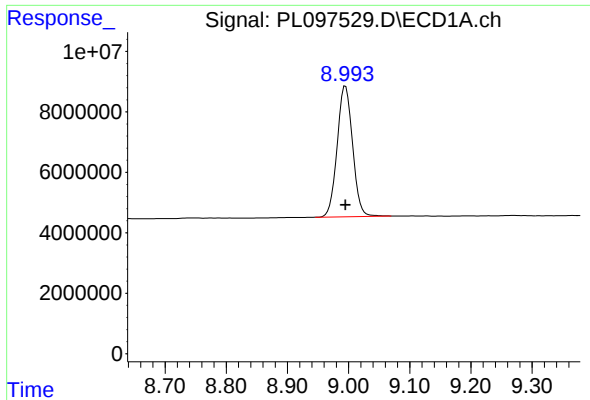
#22 Mirex

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 80257862
Conc: 26.82 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 137549521
Conc: 26.90 ng/ml



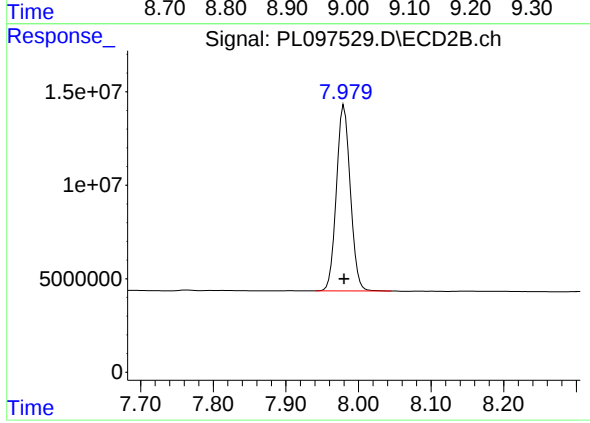
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 75883634
Conc: 26.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
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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: 132179455
Conc: 26.54 ng/ml