

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
 Data File : PL097861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 18:55
 Operator : AR\AJ
 Sample : Q3853-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP01-MH11MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:03:09 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...	3.496	2.799	100.5E6	136.9E6	19.910	19.602
2)	SA Decachlor...	8.954	7.946	67454479	116.5E6	17.754	17.714
Target Compounds							
2)	A alpha-BHC	3.942	3.301	474.3E6	649.9E6	56.084	56.644
3)	MA gamma-BHC...	4.270	3.632	445.7E6	610.2E6	55.593	56.733
4)	MA Heptachlor	4.860	3.977	437.7E6	554.4E6	54.974	53.331
5)	MB Aldrin	5.198	4.258	417.1E6	553.2E6	57.572	55.934
6)	B beta-BHC	4.460	3.928	181.8E6	252.4E6	54.293	54.444
7)	B delta-BHC	4.703	4.159	439.1E6	611.1E6	56.697m	57.185
8)	B Heptachlo...	5.618	4.759	401.5E6	505.0E6	60.346	56.088
9)	A Endosulfan I	5.999	5.129	330.4E6	488.2E6	56.116	47.916
10)	B gamma-Chl...	5.871	5.010	368.8E6	579.6E6	56.812	56.905
11)	B alpha-Chl...	5.951	5.074	365.3E6	548.6E6	56.263	53.493
12)	B 4,4'-DDE	6.123	5.263	329.8E6	505.5E6	56.154	57.378
13)	MA Dieldrin	6.271	5.393	354.6E6	529.0E6	57.783	56.456
14)	MA Endrin	6.497	5.667	295.1E6	474.7E6	56.971	56.797
15)	B Endosulfa...	6.711	5.958	275.2E6	452.3E6	53.860	54.643m
16)	A 4,4'-DDD	6.632	5.816	269.5E6	408.5E6	58.192	54.455
17)	MA 4,4'-DDT	6.945	6.067	269.4E6	404.2E6	56.245	52.690
18)	B Endrin al...	6.840	6.138	229.3E6	349.8E6	58.203	54.785
19)	B Endosulfa...	7.073	6.361	273.6E6	449.0E6	55.189	55.155
20)	A Methoxychlor	7.418	6.639	138.7E6	212.1E6	55.120	50.763
21)	B Endrin ke...	7.551	6.864	293.0E6	493.2E6	56.388	55.282
22)	Mirex	8.027	7.051	171.9E6	306.7E6	49.845	47.512

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
Data File : PL097861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 18:55
Operator : AR\AJ
Sample : Q3853-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

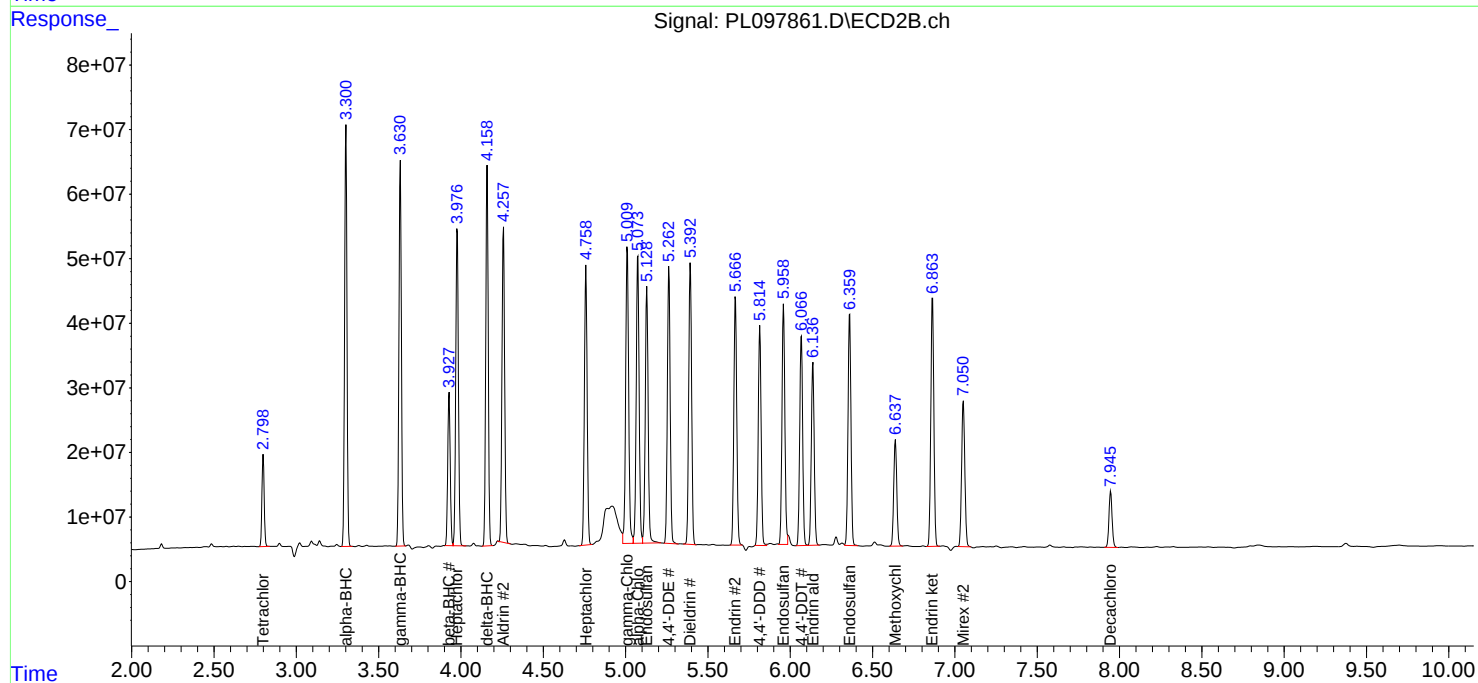
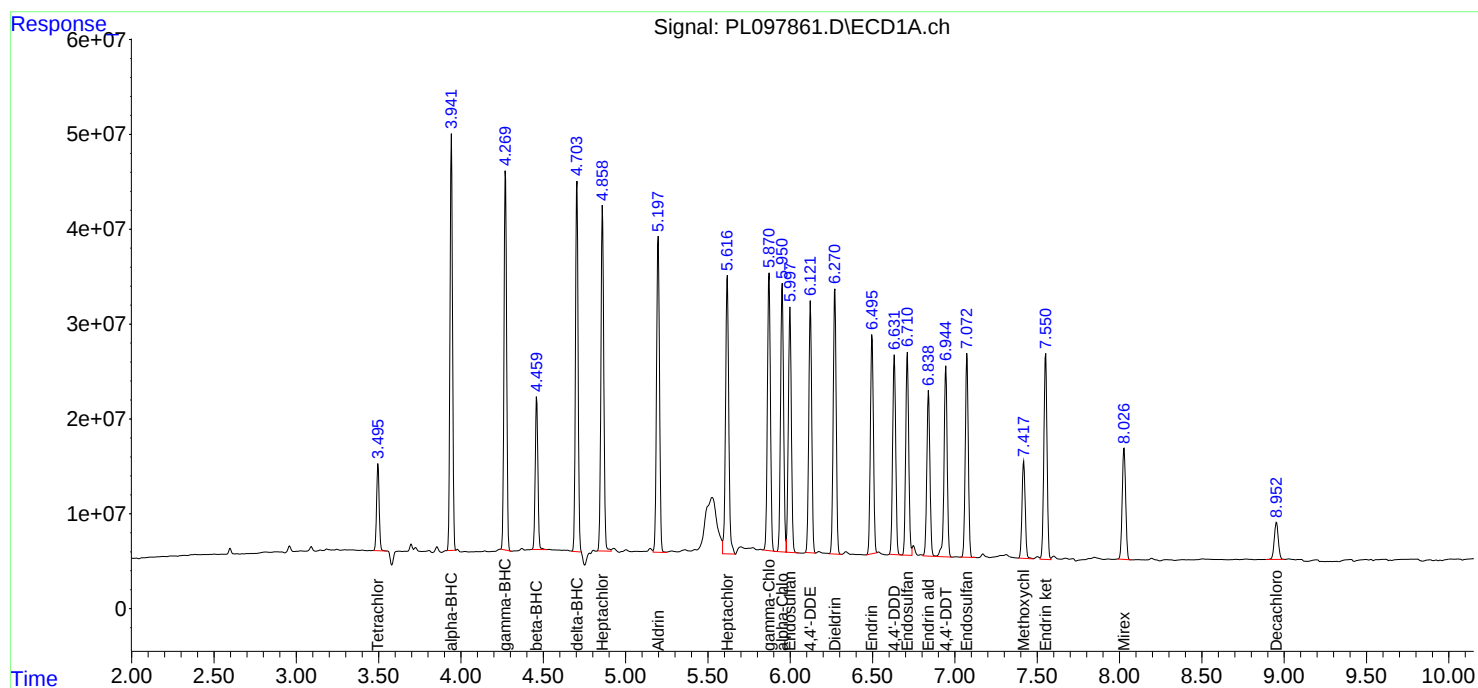
Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

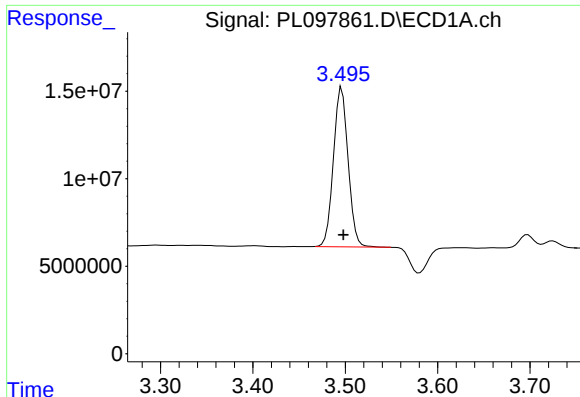
Manual Integrations
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Reviewed By : Abdul Mirza 12/16/2025
Supervised By : Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:03:09 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





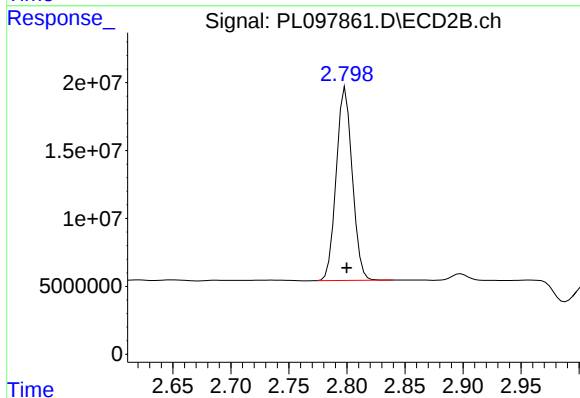
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 100487093
Conc: 19.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

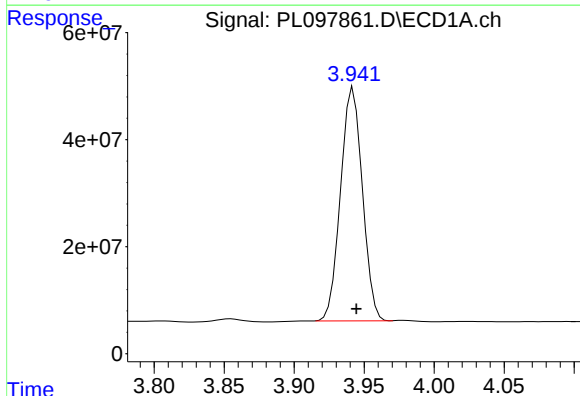
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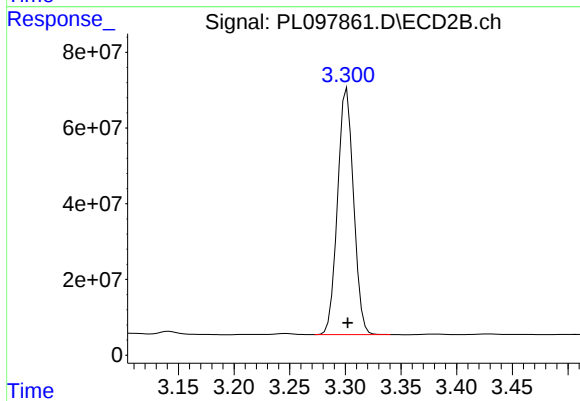
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 136926789
Conc: 19.60 ng/ml



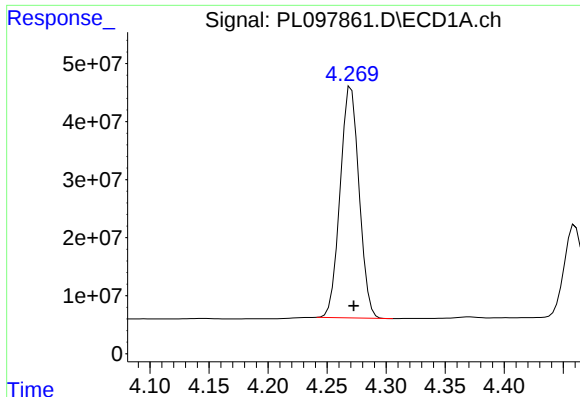
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.002 min
Response: 474288566
Conc: 56.08 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 649922023
Conc: 56.64 ng/ml



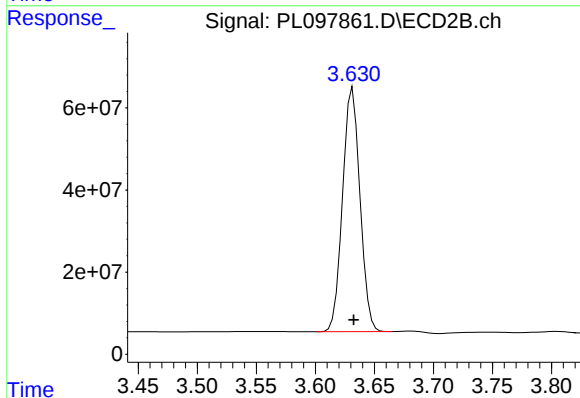
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 445666979
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

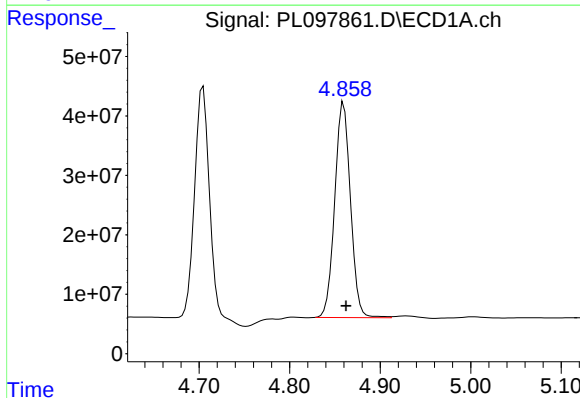
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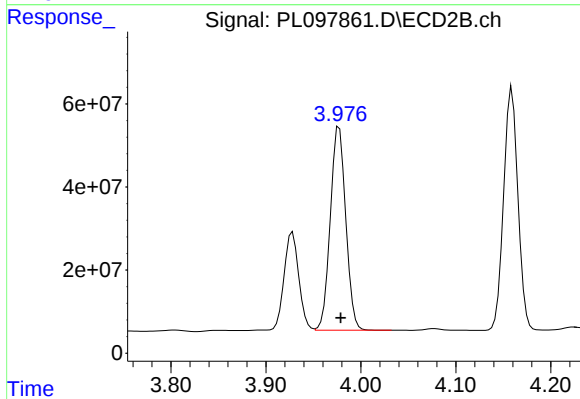
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 610221666
Conc: 56.73 ng/ml



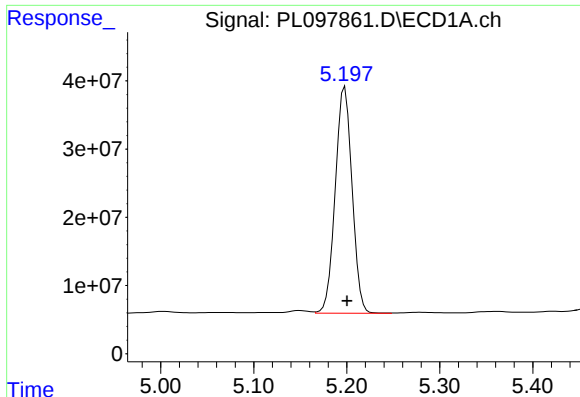
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 437713133
Conc: 54.97 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.002 min
Response: 554383315
Conc: 53.33 ng/ml



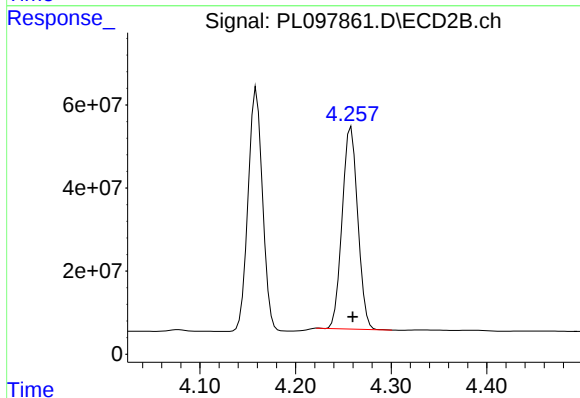
#5 Aldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 417076416
Conc: 57.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

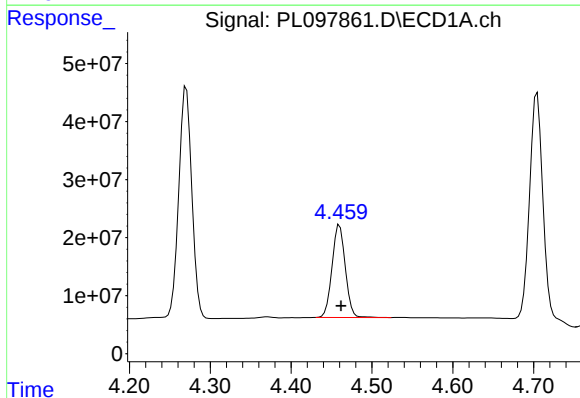
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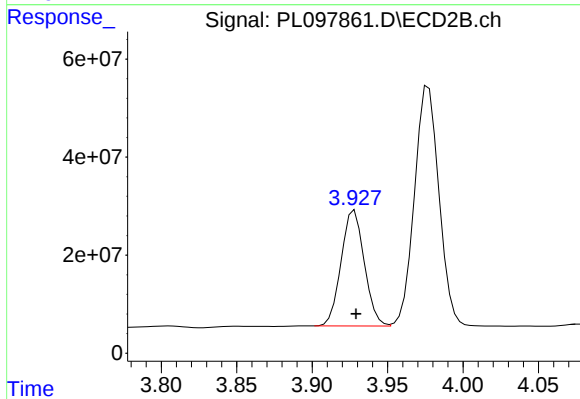
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 553170639
Conc: 55.93 ng/ml



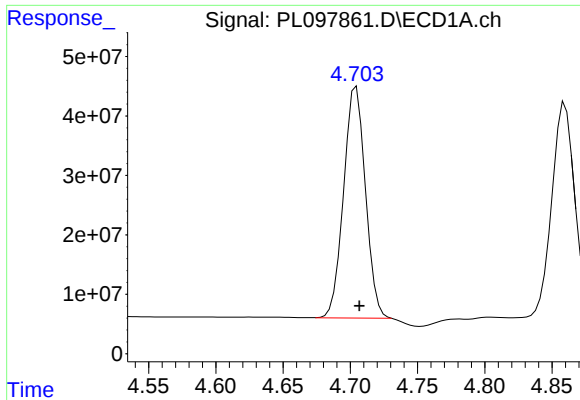
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 181780581
Conc: 54.29 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 252419656
Conc: 54.44 ng/ml



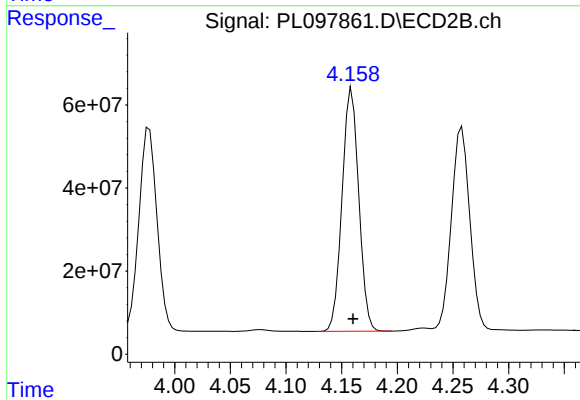
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: 439130434
Conc: 56.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

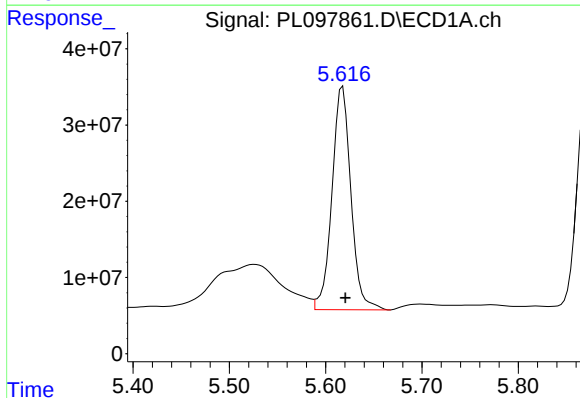
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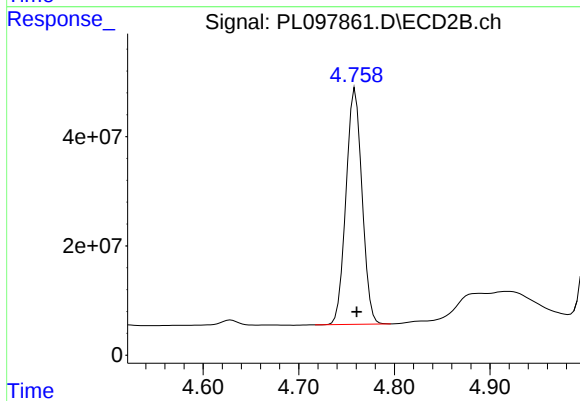
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 611146048
Conc: 57.18 ng/ml



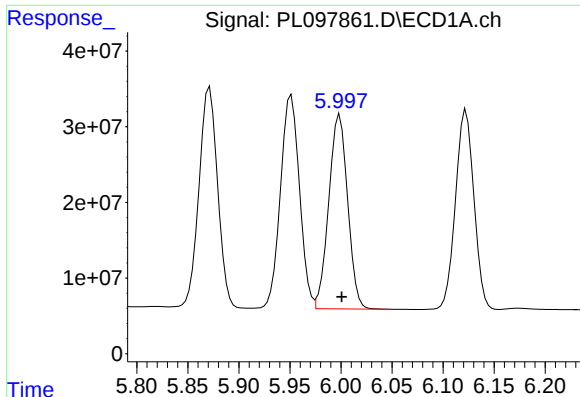
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 401499135
Conc: 60.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 505006885
Conc: 56.09 ng/ml



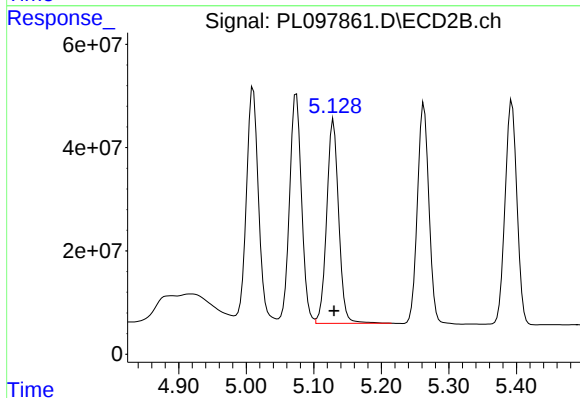
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 330381109
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

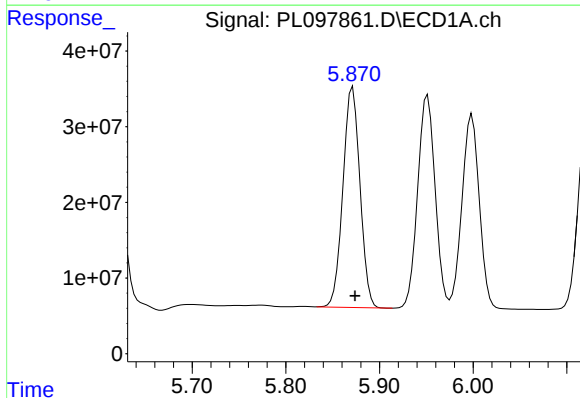
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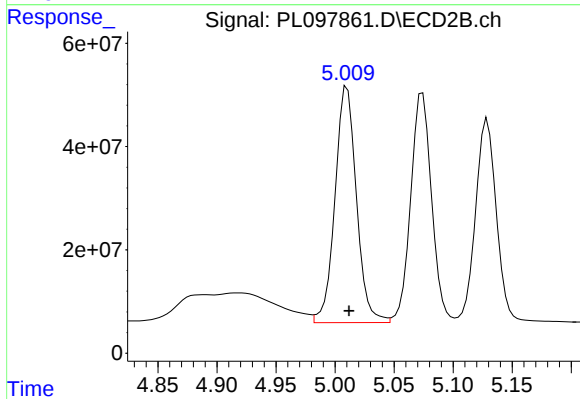
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 488180990
Conc: 47.92 ng/ml



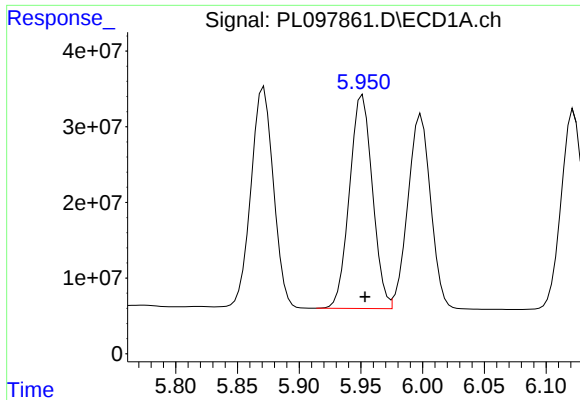
#10 gamma-Chlordane

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 368799753
Conc: 56.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 579585059
Conc: 56.91 ng/ml



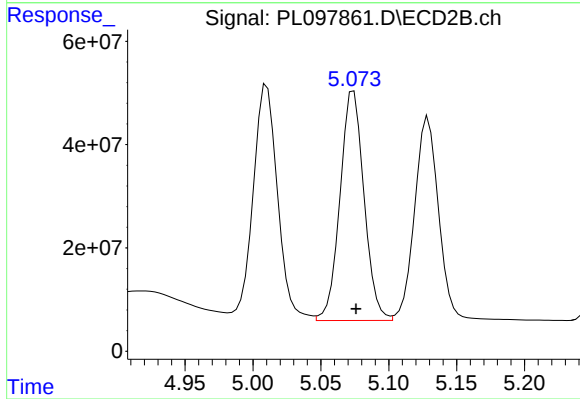
#11 alpha-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 365320580
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

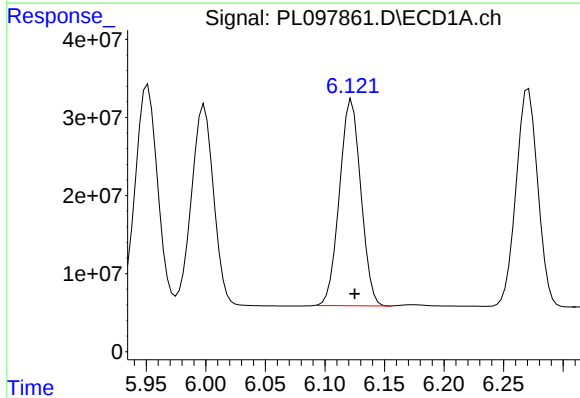
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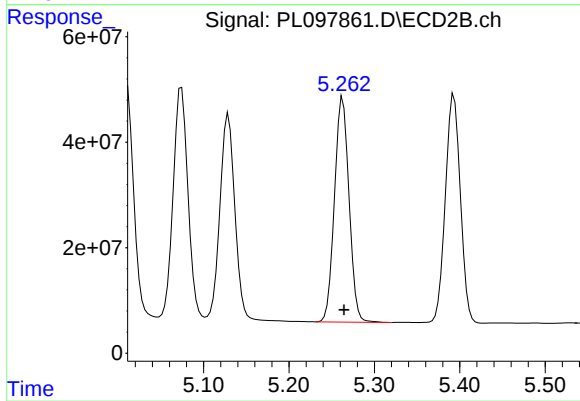
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 548562960
Conc: 53.49 ng/ml



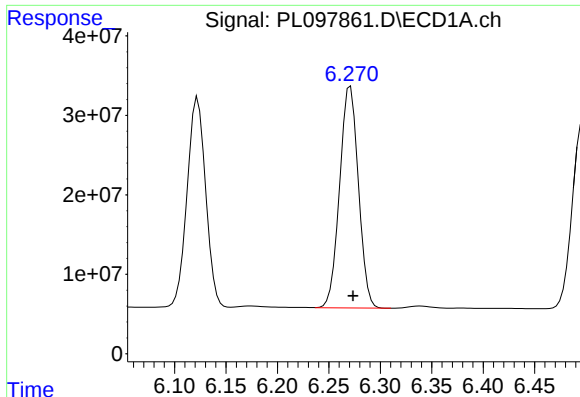
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 329809665
Conc: 56.15 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 505542265
Conc: 57.38 ng/ml



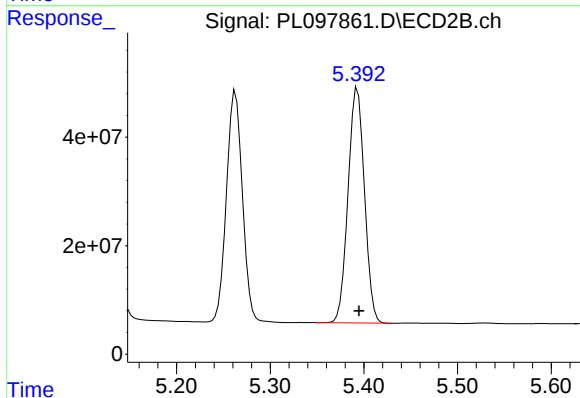
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 354584553
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

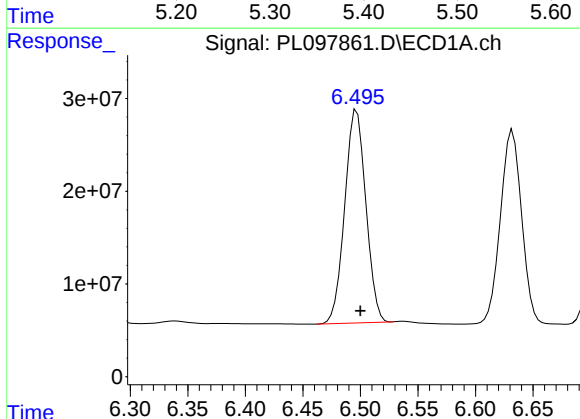
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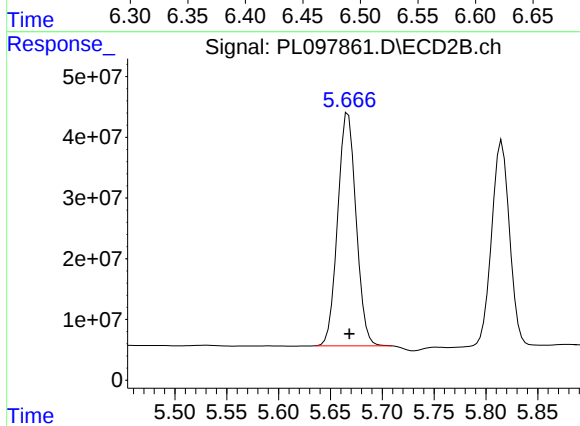
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 529017809
Conc: 56.46 ng/ml



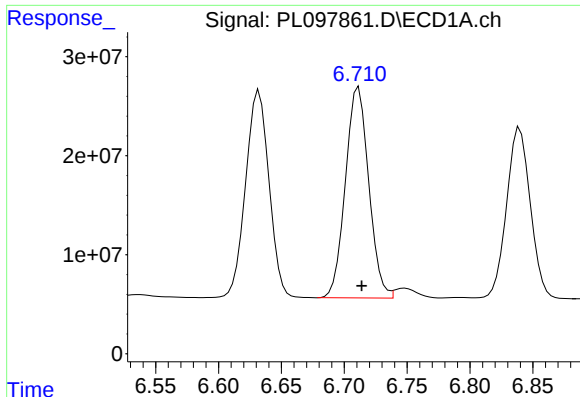
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 295078440
Conc: 56.97 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 474651883
Conc: 56.80 ng/ml



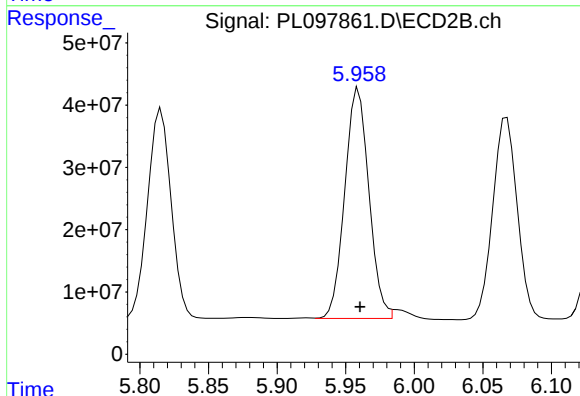
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 275224402
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

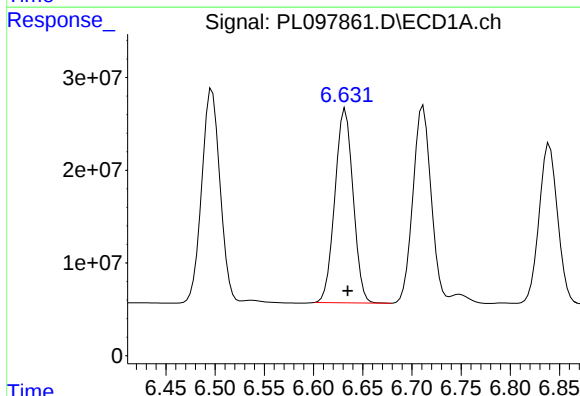
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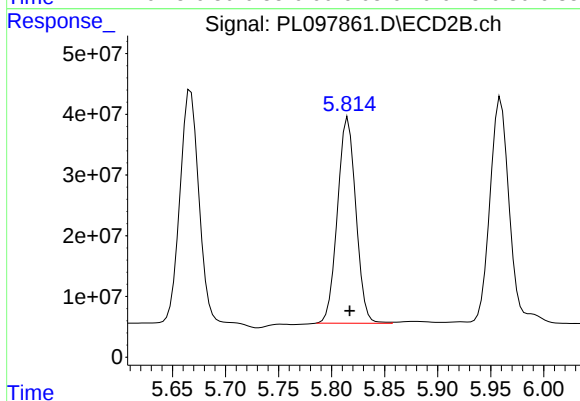
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 452275404
Conc: 54.64 ng/ml m



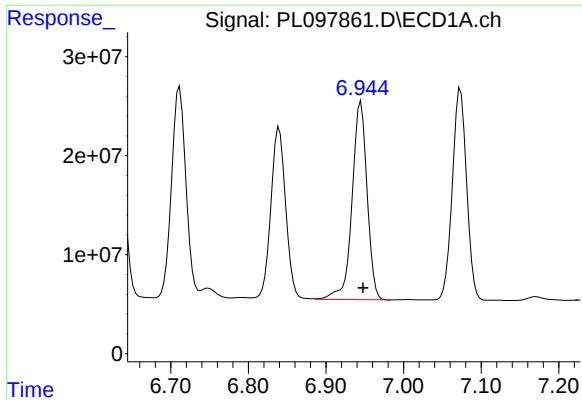
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 269542325
Conc: 58.19 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 408468190
Conc: 54.45 ng/ml



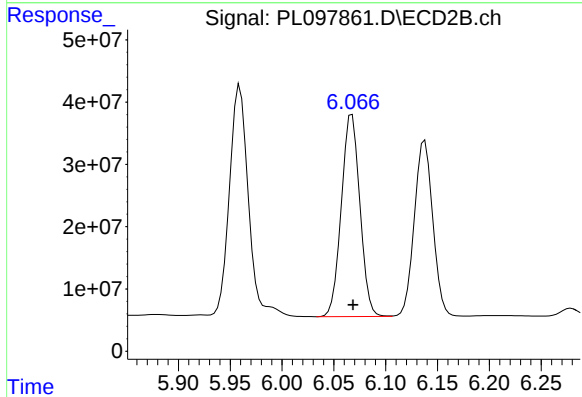
#17 4,4'-DDT

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 269434051
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

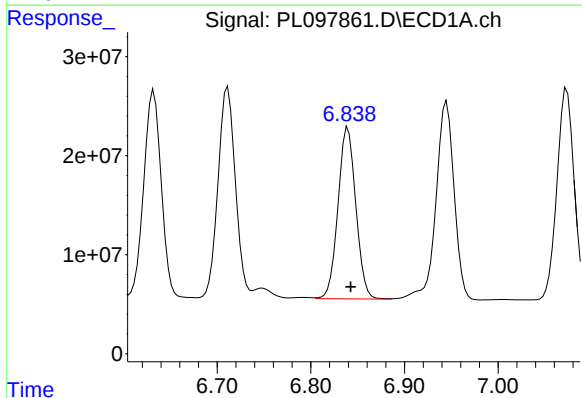
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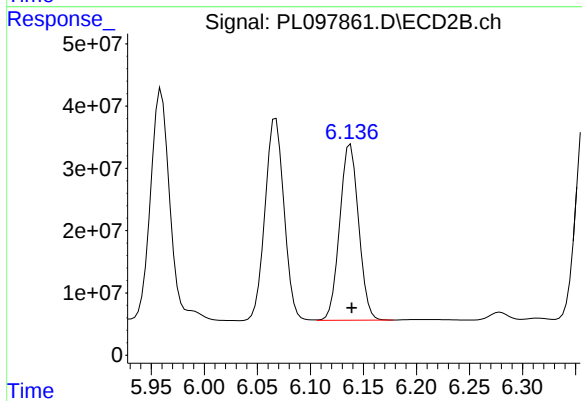
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 404167520
Conc: 52.69 ng/ml



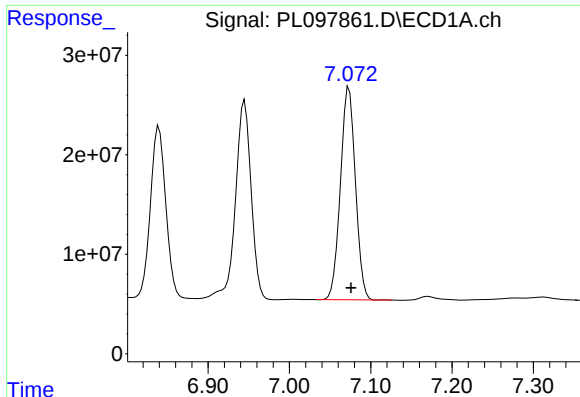
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 229337899
Conc: 58.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 349805547
Conc: 54.79 ng/ml



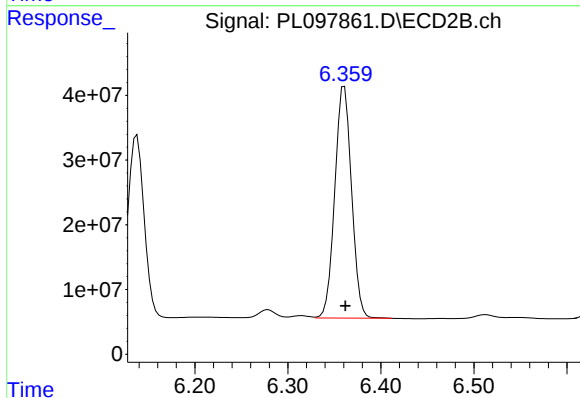
#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 273595310
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

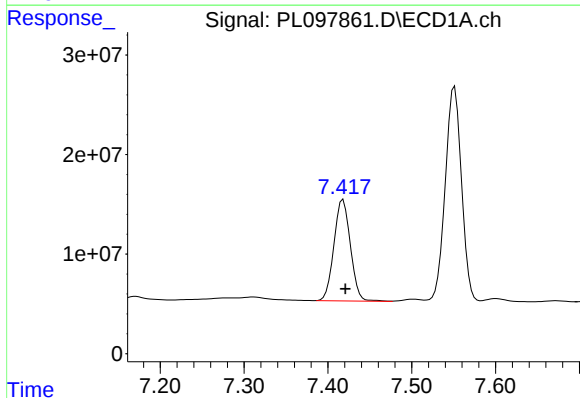
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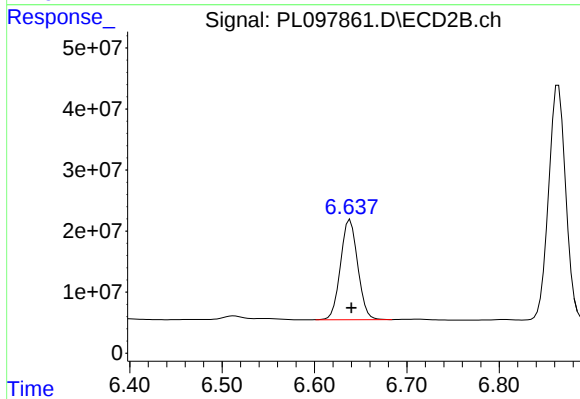
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 449016593
Conc: 55.15 ng/ml



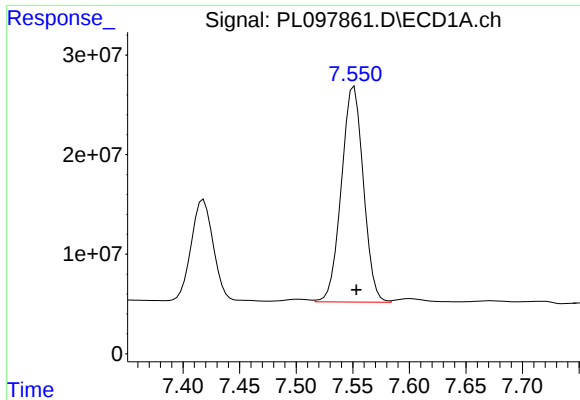
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 138729866
Conc: 55.12 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 212135514
Conc: 50.76 ng/ml



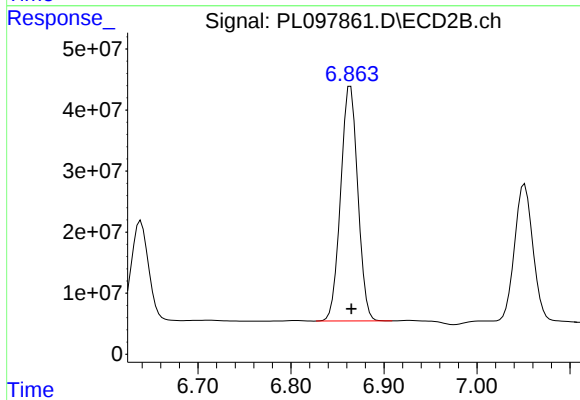
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 293026540
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

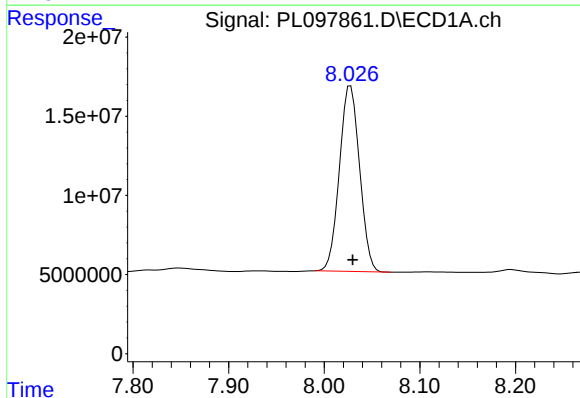
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



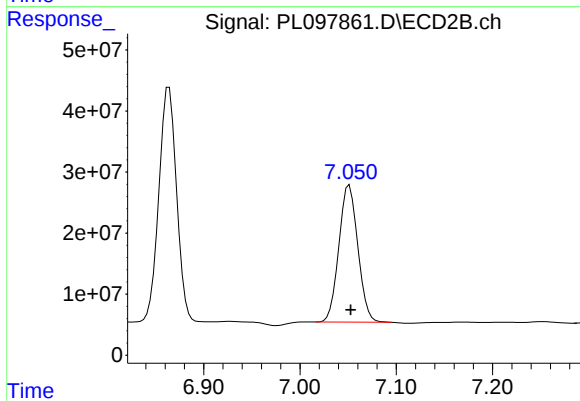
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 493166522
Conc: 55.28 ng/ml



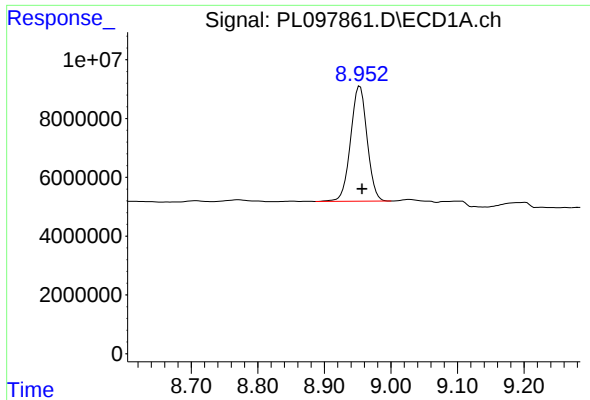
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 171913208
Conc: 49.85 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: -0.001 min
Response: 306709176
Conc: 47.51 ng/ml



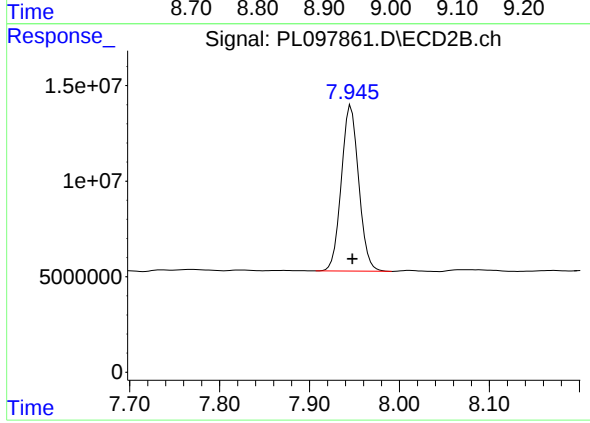
#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.003 min
Response: 67454479
Conc: 17.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 116487860
Conc: 17.71 ng/ml