

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:49:36 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...	3.497	2.800	257.4E6	376.1E6	51.000	53.846
28)	SA Decachlor...	8.953	7.947	181.1E6	320.1E6	47.675	48.680
Target Compounds							
2)	A alpha-BHC	3.941	3.302	451.6E6	635.2E6	53.406m	55.364
3)	MA gamma-BHC...	4.271	3.632	418.9E6	586.1E6	52.259	54.488
4)	MA Heptachlor	4.860	3.978	396.1E6	515.9E6	49.750	49.629
5)	MB Aldrin	5.199	4.259	386.9E6	539.8E6	53.400	54.581
6)	B beta-BHC	4.460	3.929	172.0E6	248.2E6	51.380	53.540
7)	B delta-BHC	4.703	4.160	410.2E6	592.6E6	52.966m	55.453
8)	B Heptachlo...	5.617	4.760	345.8E6	486.7E6	51.969m	54.050
9)	A Endosulfan I	5.999	5.130	309.5E6	470.6E6	52.576	46.192
10)	B gamma-Chl...	5.872	5.011	346.0E6	561.2E6	53.299	55.095
11)	B alpha-Chl...	5.952	5.075	339.2E6	528.9E6	52.244	51.572
12)	B 4,4'-DDE	6.124	5.263	309.5E6	484.1E6	52.702	54.939m
13)	MA Dieldrin	6.271	5.394	334.0E6	524.2E6	54.434	55.943
14)	MA Endrin	6.498	5.668	267.0E6	441.1E6	51.552	52.787
15)	B Endosulfa...	6.711	5.960	280.7E6	442.1E6	54.935	53.417
16)	A 4,4'-DDD	6.632	5.814	258.3E6	421.8E6	55.773	56.235m
17)	MA 4,4'-DDT	6.946	6.068	225.7E6	333.2E6	47.108	43.435
18)	B Endrin al...	6.840	6.138	207.0E6	329.6E6	52.524	51.622
19)	B Endosulfa...	7.073	6.361	251.1E6	437.6E6	50.655	53.749
20)	A Methoxychlor	7.417	6.639	115.7E6	177.0E6	45.975m	42.356
21)	B Endrin ke...	7.552	6.865	257.8E6	486.0E6	49.613	54.482
22)	Mirex	8.028	7.052	177.6E6	327.0E6	51.503	50.661

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

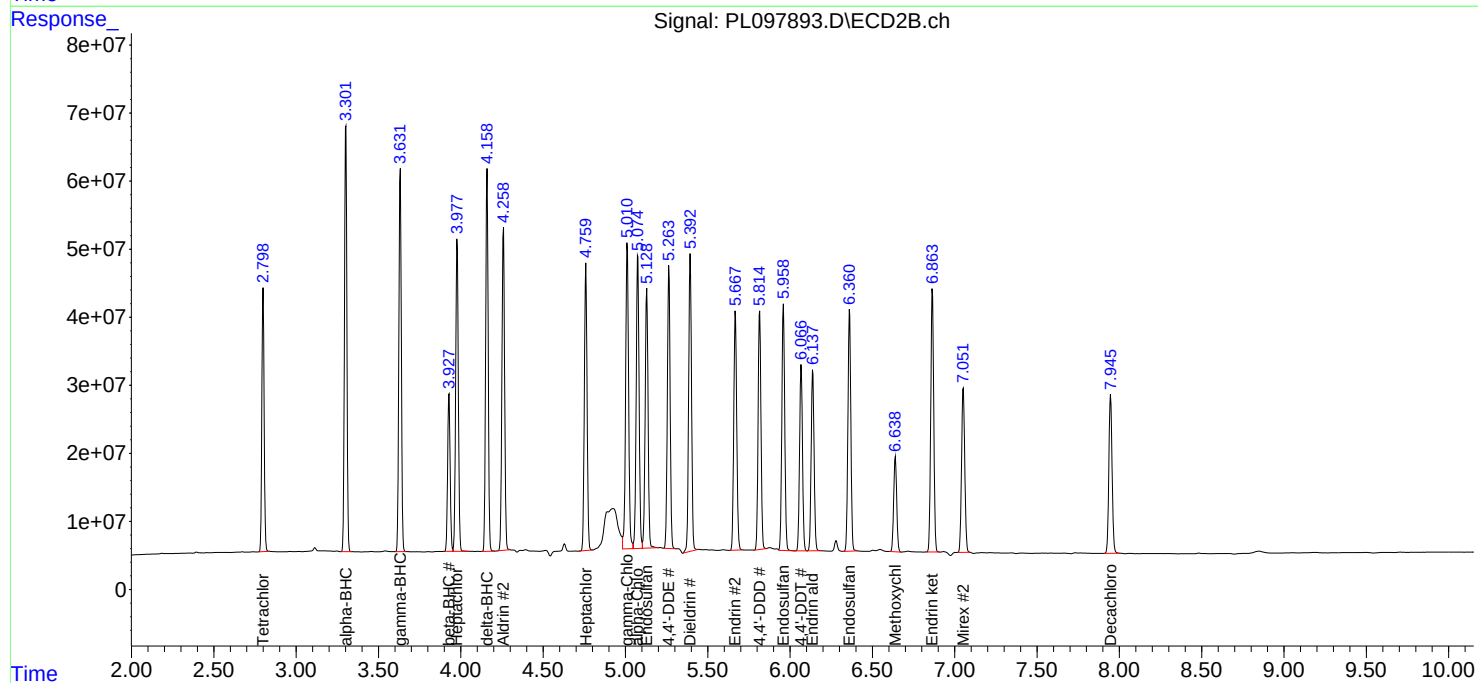
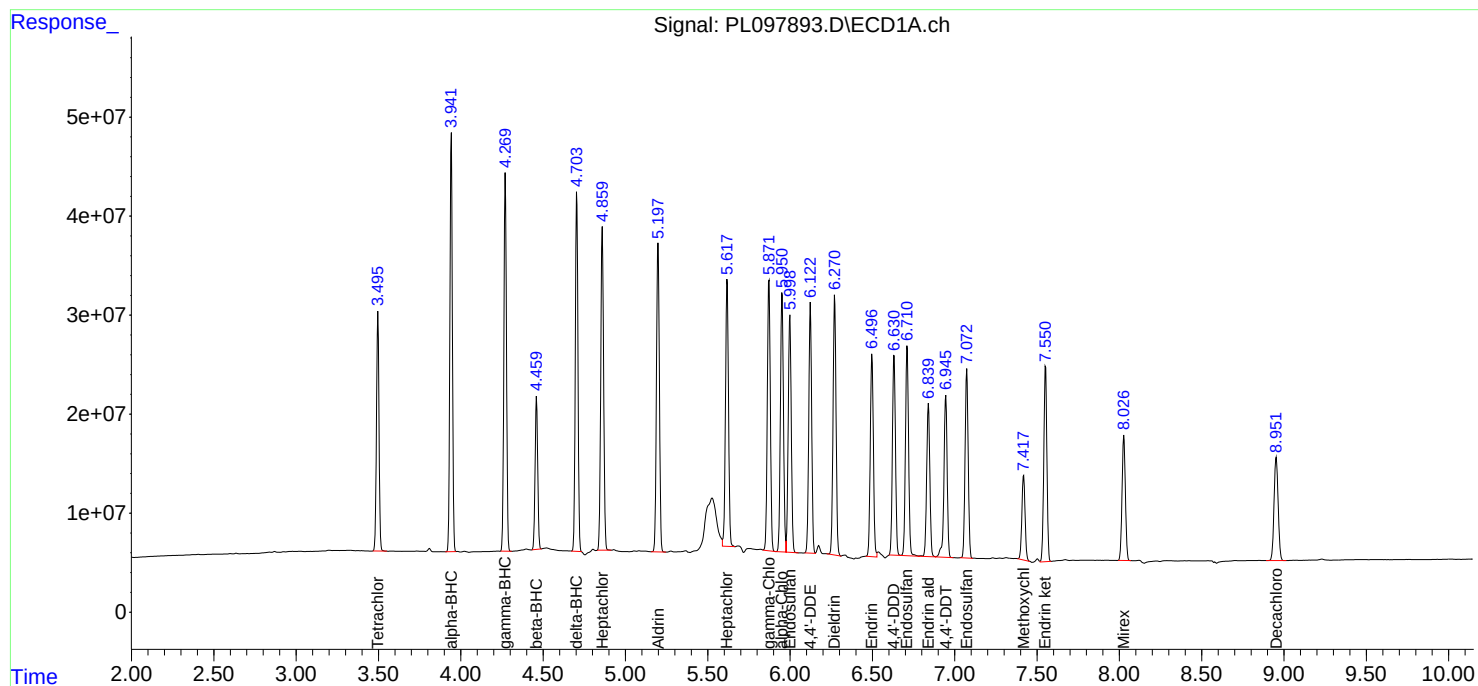
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

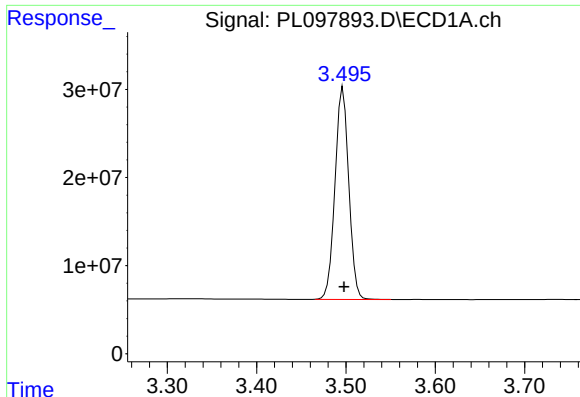
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/17/2025
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:36 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





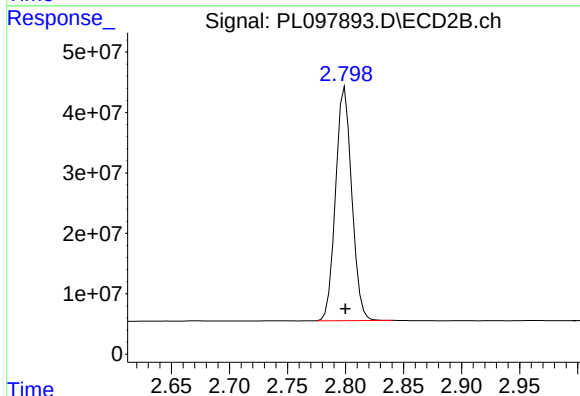
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 257394921
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

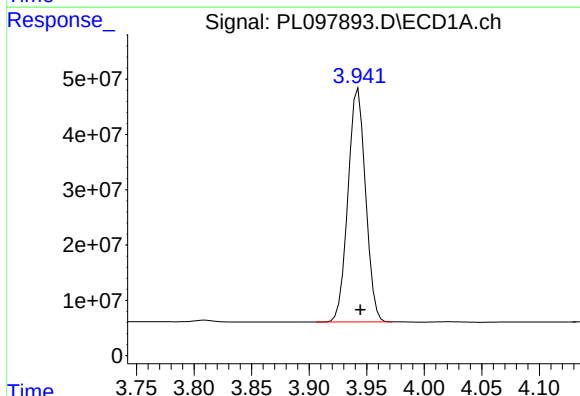
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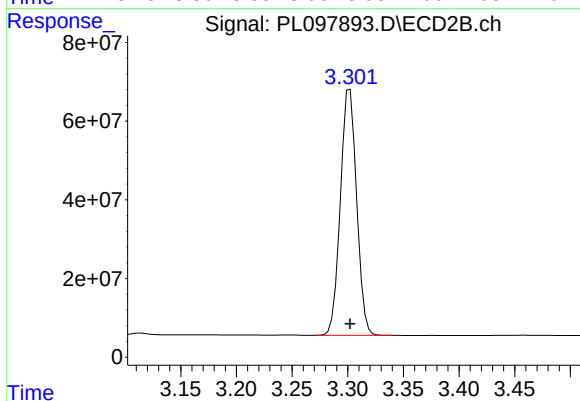
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 376128754
Conc: 53.85 ng/ml



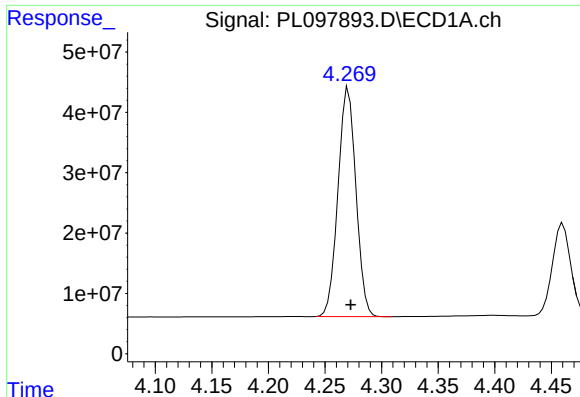
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: -0.003 min
Response: 451636755
Conc: 53.41 ng/ml m



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 635238750
Conc: 55.36 ng/ml



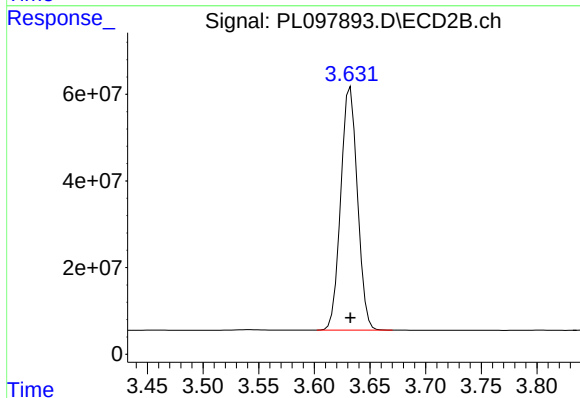
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 418941024
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

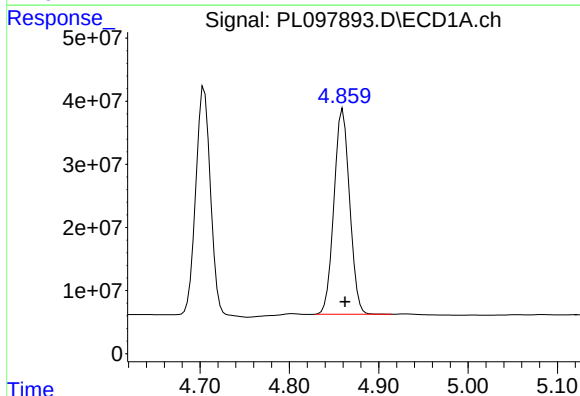
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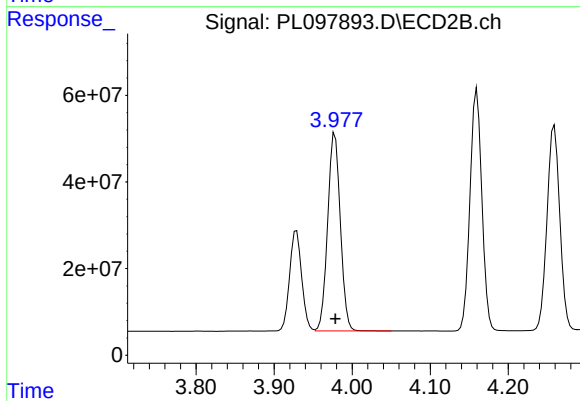
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 586073900
Conc: 54.49 ng/ml



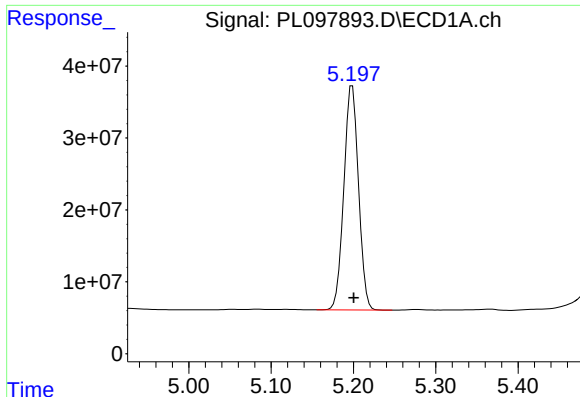
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 396120487
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 515904095
Conc: 49.63 ng/ml



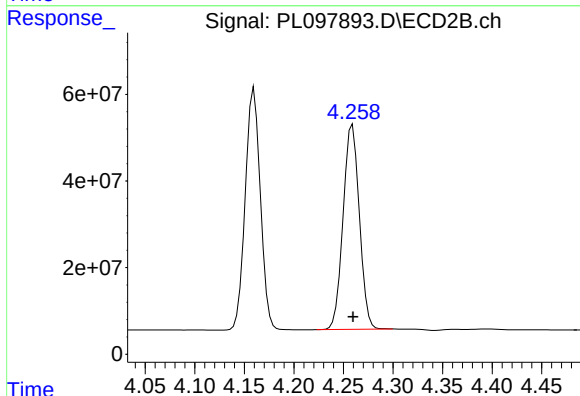
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 386858186
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

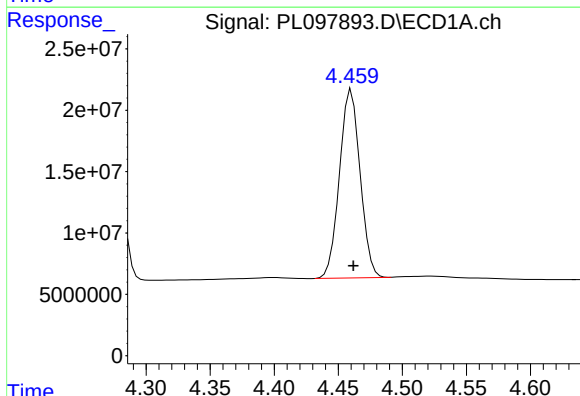
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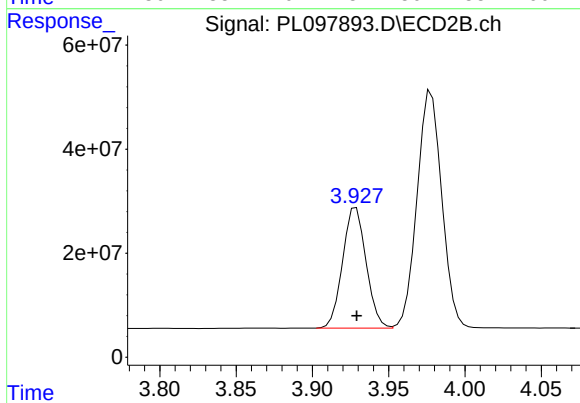
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 539784883
Conc: 54.58 ng/ml



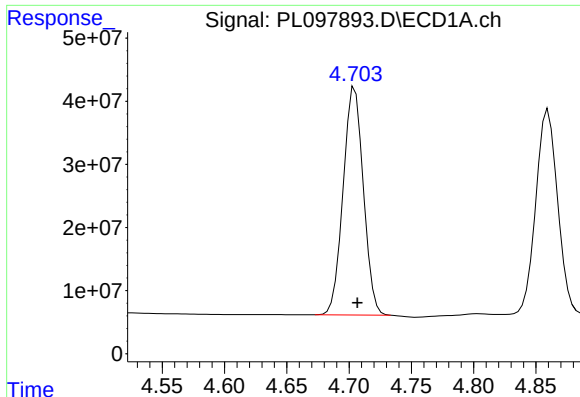
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 172027599
Conc: 51.38 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 248226925
Conc: 53.54 ng/ml



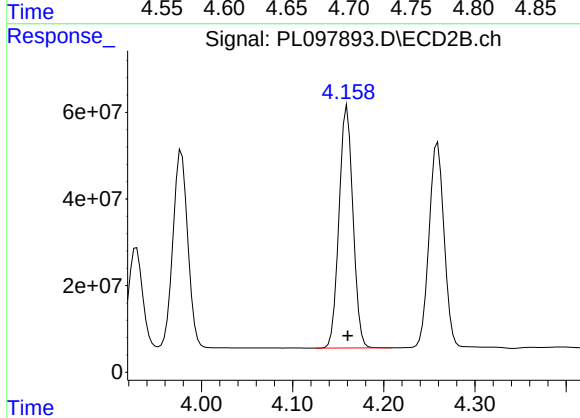
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: 410238148
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

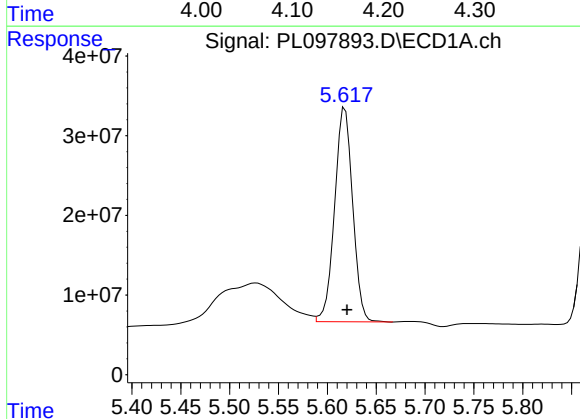
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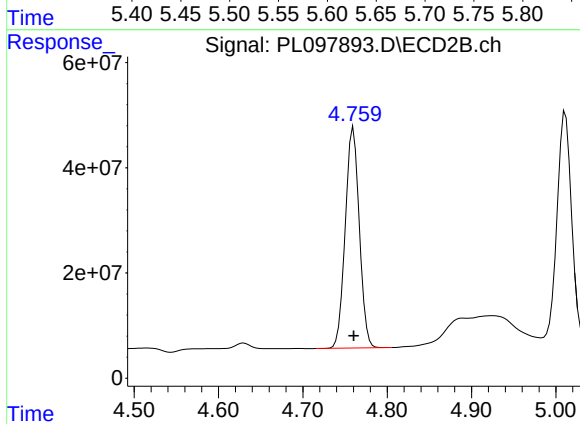
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 592637421
Conc: 55.45 ng/ml



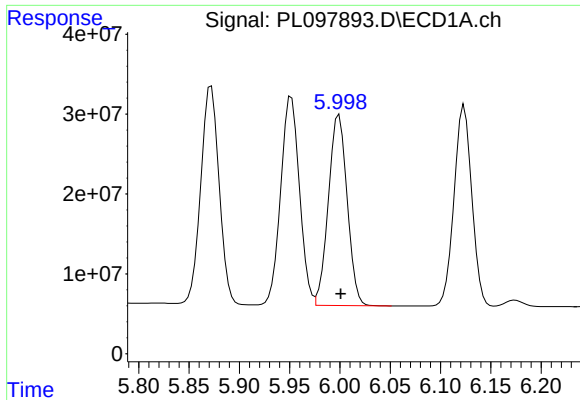
#8 Heptachlor epoxide

R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 345764240
Conc: 51.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 486653310
Conc: 54.05 ng/ml



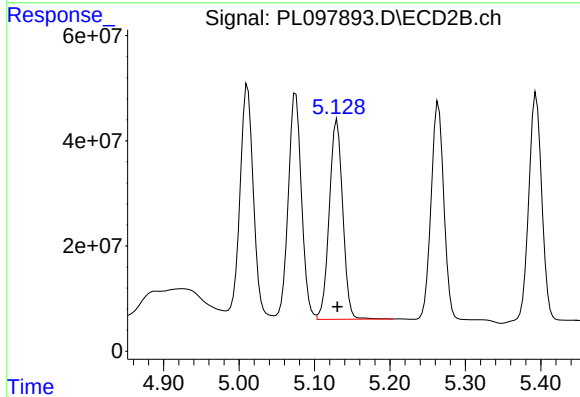
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 309539617
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

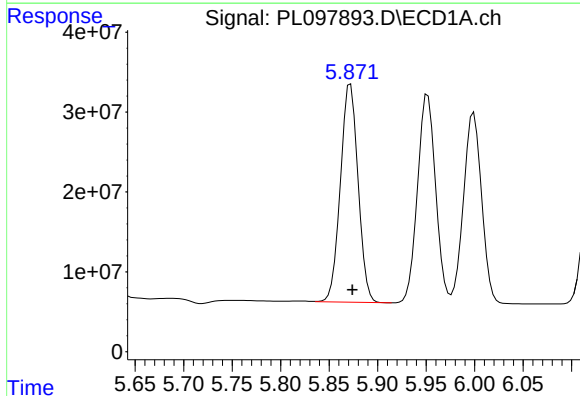
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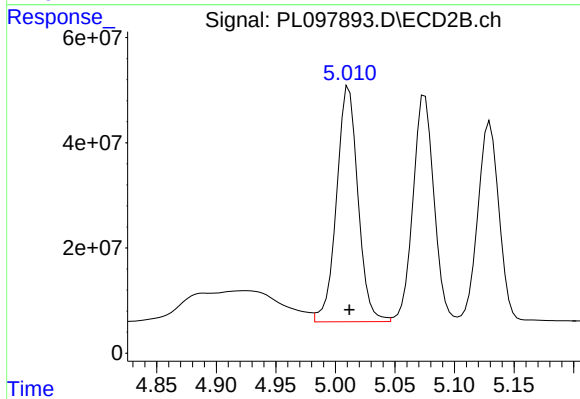
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 470623288
Conc: 46.19 ng/ml



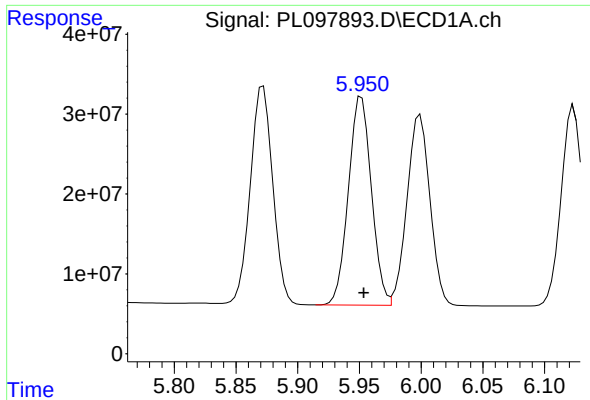
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 345996346
Conc: 53.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 561151991
Conc: 55.10 ng/ml



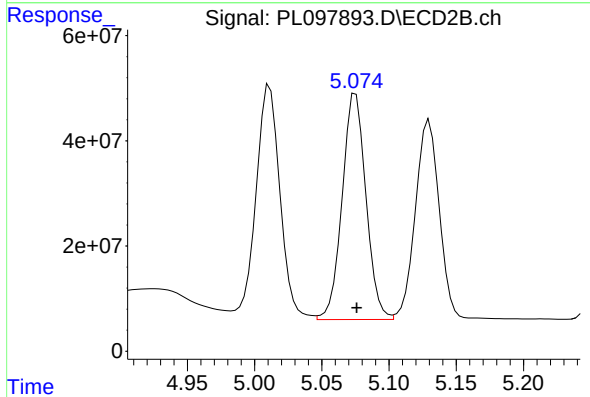
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 339222372
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

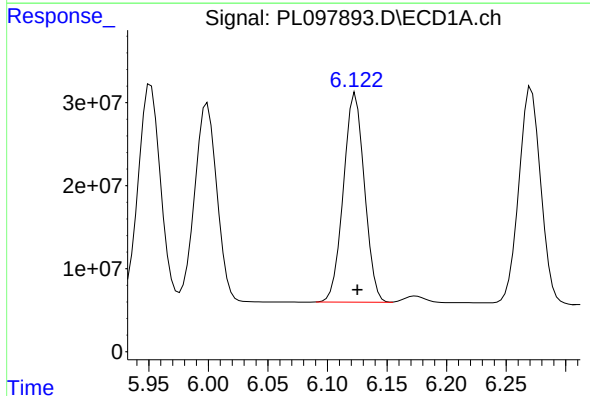
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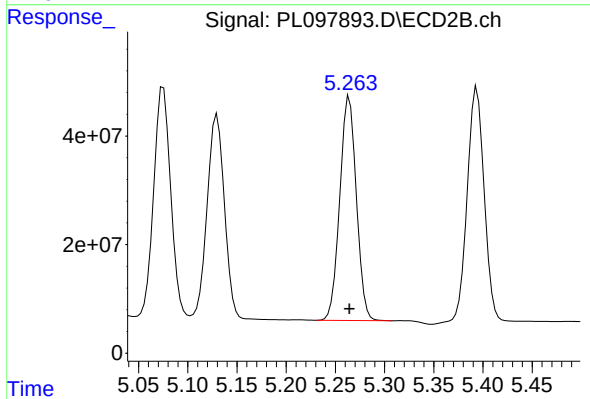
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 528859829
Conc: 51.57 ng/ml



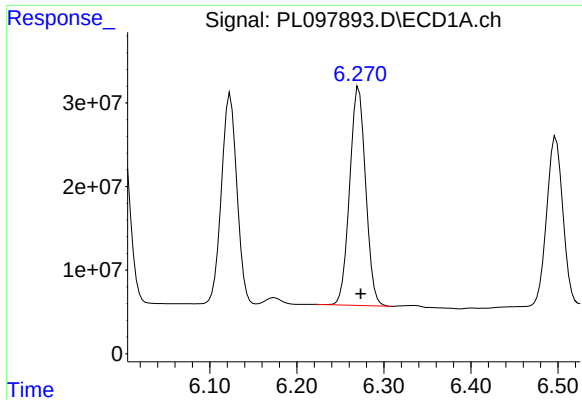
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 309535917
Conc: 52.70 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 484053380
Conc: 54.94 ng/ml m



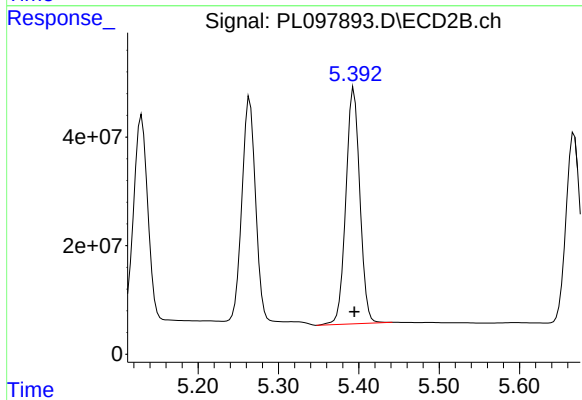
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 334033086
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

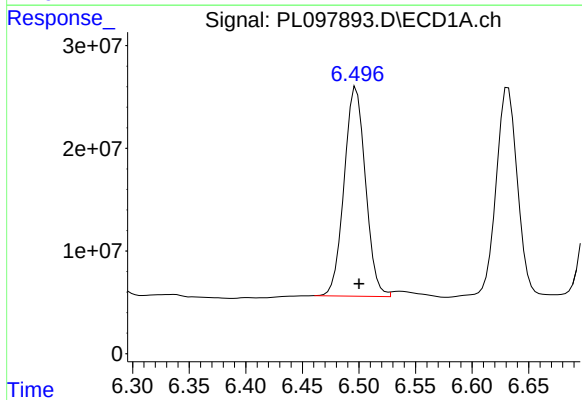
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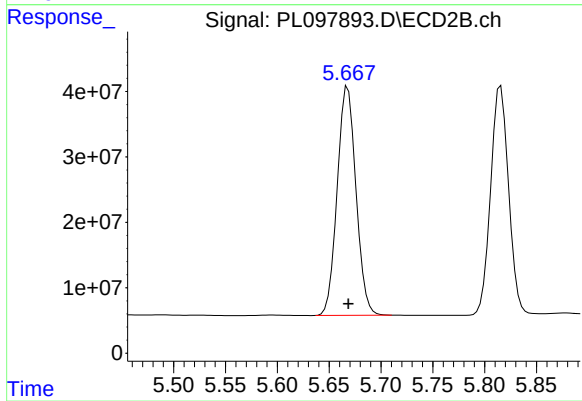
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 524212430
Conc: 55.94 ng/ml



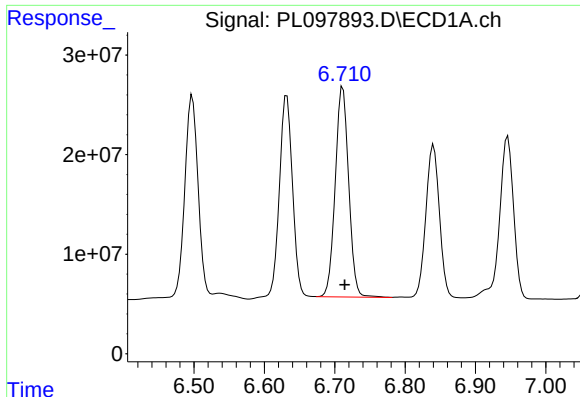
#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 267011575
Conc: 51.55 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 441137948
Conc: 52.79 ng/ml



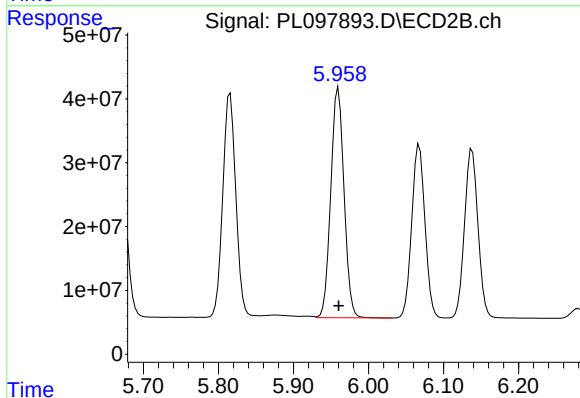
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 280715957
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

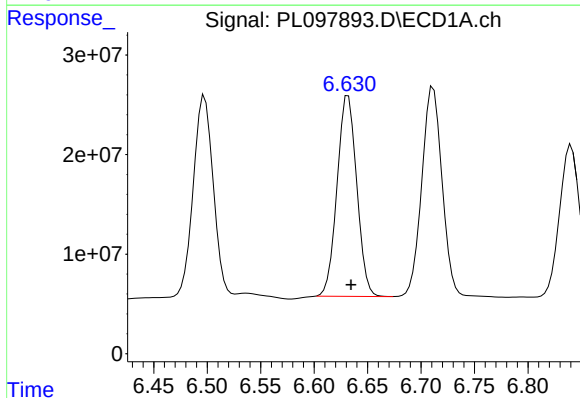
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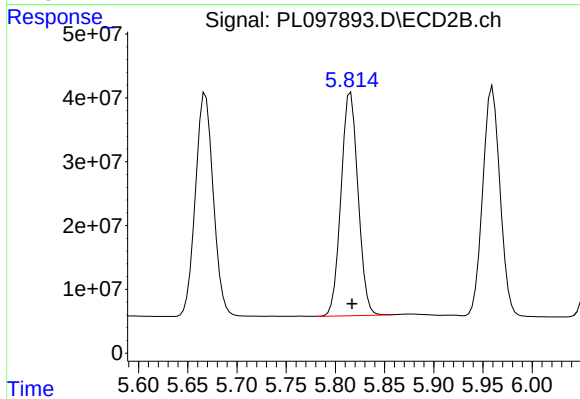
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 442132033
Conc: 53.42 ng/ml



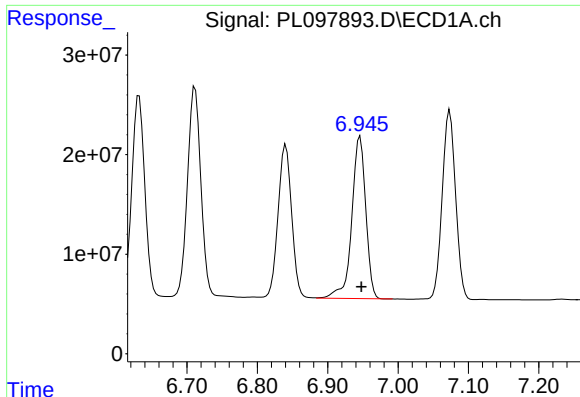
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 258340827
Conc: 55.77 ng/ml



#16 4,4'-DDD

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 421822930
Conc: 56.24 ng/ml m



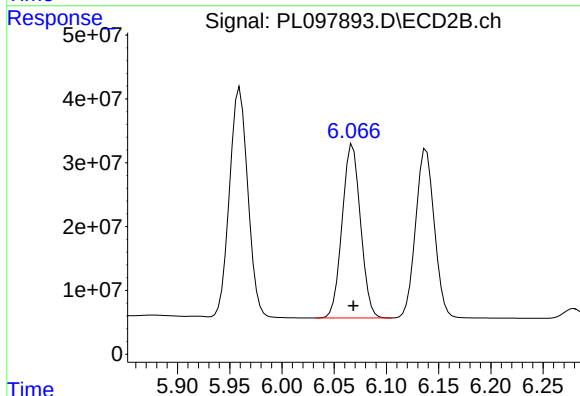
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 225663298
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

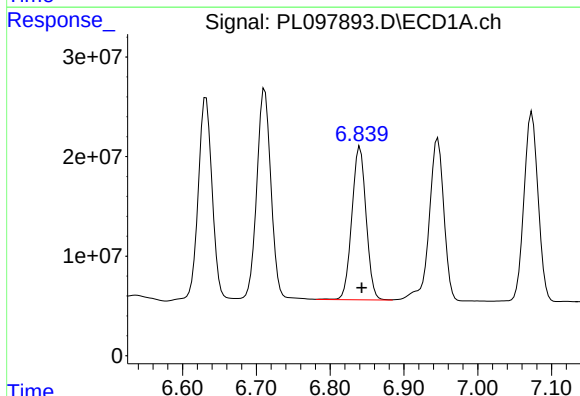
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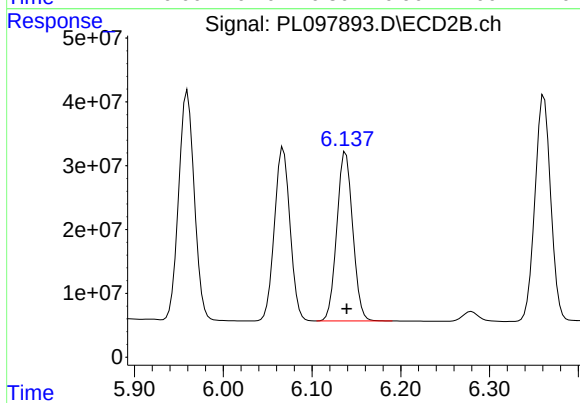
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 333175358
Conc: 43.43 ng/ml



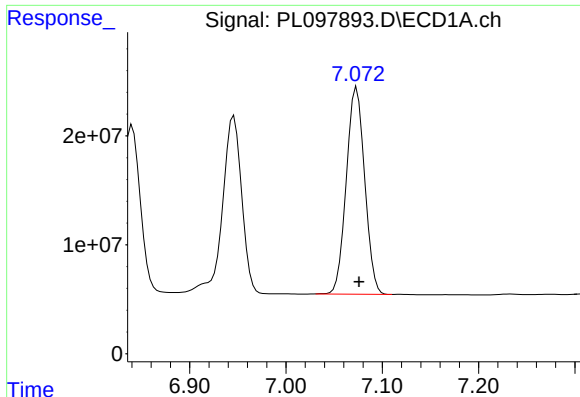
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 206960093
Conc: 52.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 329609014
Conc: 51.62 ng/ml



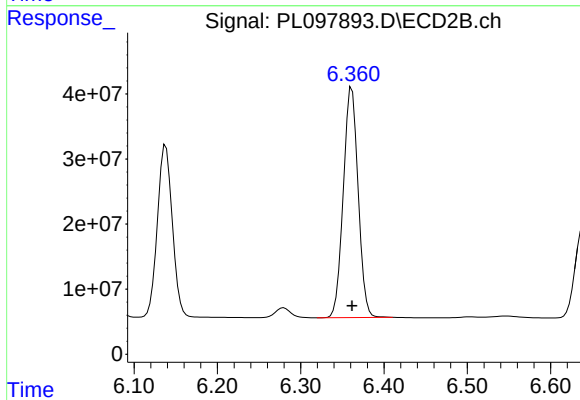
#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 251116855
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

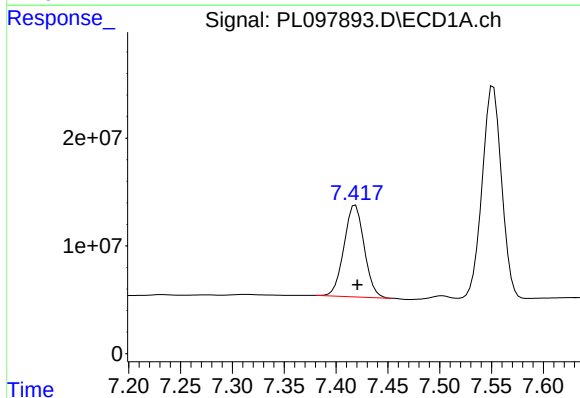
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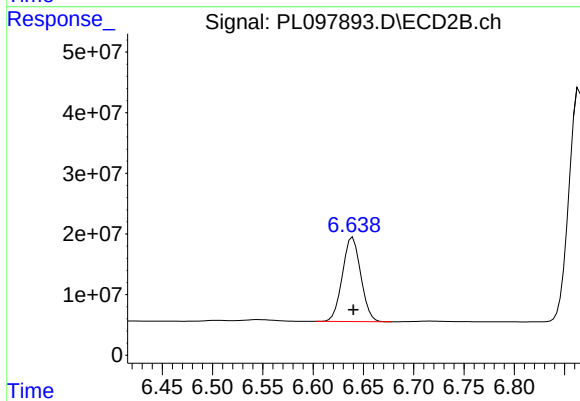
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 437567398
Conc: 53.75 ng/ml



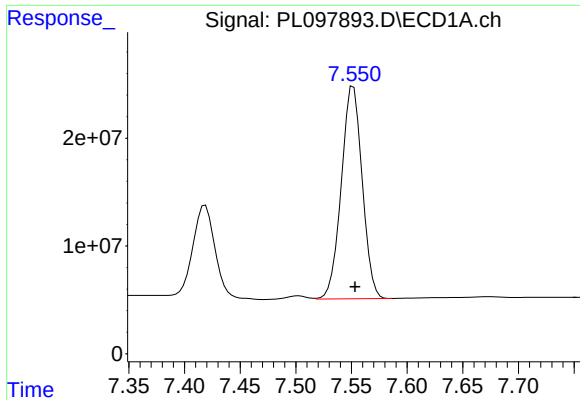
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 115712456
Conc: 45.97 ng/ml m



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 177003487
Conc: 42.36 ng/ml



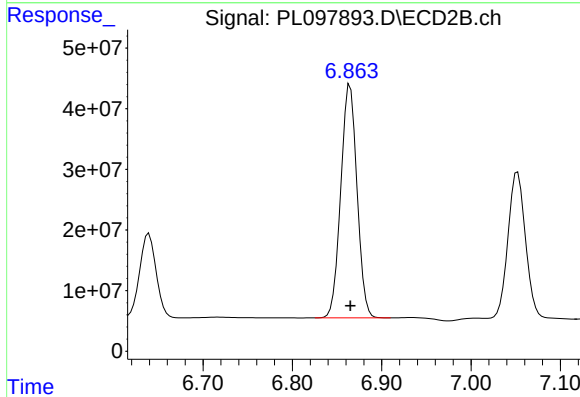
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 257819895
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

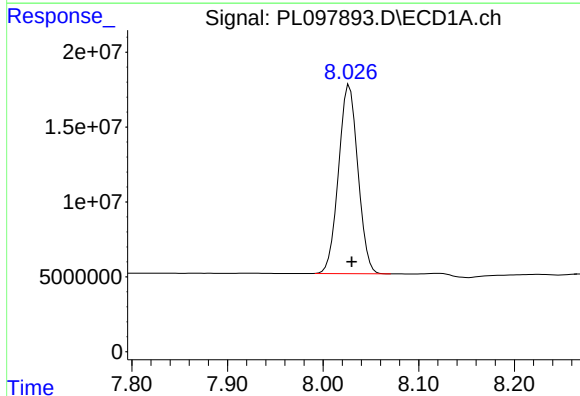
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APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



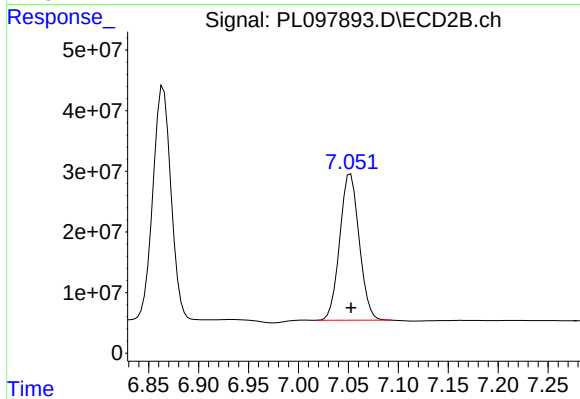
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 486028232
Conc: 54.48 ng/ml



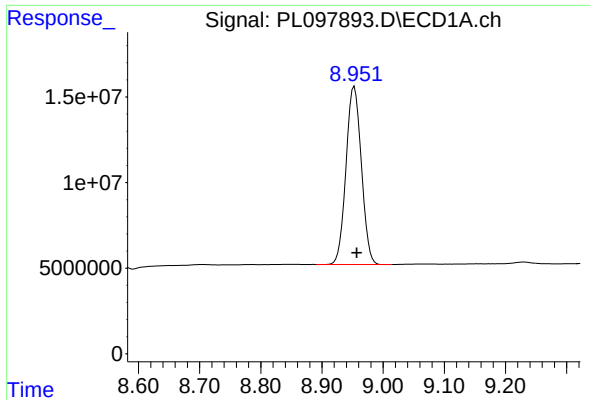
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 177630498
Conc: 51.50 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 327034697
Conc: 50.66 ng/ml



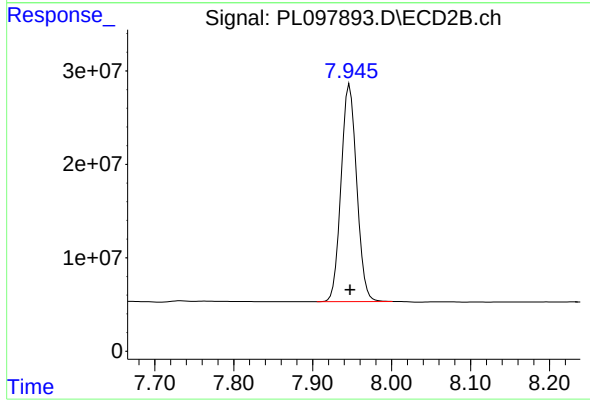
#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.004 min
Response: 181138805
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 320122814
Conc: 48.68 ng/ml