

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 15:37
 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 00:48:23 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	268.1E6	395.1E6	53.117	56.568
28)	SA Decachlor...	8.954	7.946	184.4E6	326.6E6	48.521	49.660
Target Compounds							
2)	A alpha-BHC	3.943	3.302	472.2E6	669.1E6	55.833	58.312
3)	MA gamma-BHC...	4.271	3.632	433.4E6	616.9E6	54.060	57.357
4)	MA Heptachlor	4.860	3.978	412.8E6	544.7E6	51.845	52.398
5)	MB Aldrin	5.199	4.259	401.2E6	566.8E6	55.377	57.313
6)	B beta-BHC	4.460	3.928	179.0E6	260.5E6	53.473	56.196
7)	B delta-BHC	4.704	4.159	428.0E6	621.7E6	55.255m	58.175
8)	B Heptachlo...	5.618	4.759	362.5E6	508.9E6	54.490	56.519
9)	A Endosulfan I	5.999	5.129	321.1E6	496.2E6	54.540	48.702
10)	B gamma-Chl...	5.872	5.009	359.5E6	561.7E6	55.383	55.151m
11)	B alpha-Chl...	5.952	5.075	352.4E6	552.4E6	54.276	53.862
12)	B 4,4'-DDE	6.123	5.262	321.5E6	507.0E6	54.740	57.538m
13)	MA Dieldrin	6.271	5.394	343.6E6	539.6E6	55.993	57.586
14)	MA Endrin	6.497	5.668	269.1E6	452.5E6	51.952	54.149
15)	B Endosulfa...	6.712	5.960	288.7E6	461.4E6	56.494	55.749
16)	A 4,4'-DDD	6.632	5.816	268.5E6	442.5E6	57.956	58.992
17)	MA 4,4'-DDT	6.945	6.067	233.4E6	354.1E6	48.730	46.169
18)	B Endrin al...	6.839	6.138	211.1E6	343.7E6	53.564m	53.826
19)	B Endosulfa...	7.073	6.361	264.3E6	452.1E6	53.323	55.538
20)	A Methoxychlor	7.418	6.639	116.9E6	184.3E6	46.453	44.102
21)	B Endrin ke...	7.552	6.864	285.2E6	502.4E6	54.885	56.317
22)	Mirex	8.028	7.052	182.9E6	336.7E6	53.032	52.156

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 15:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

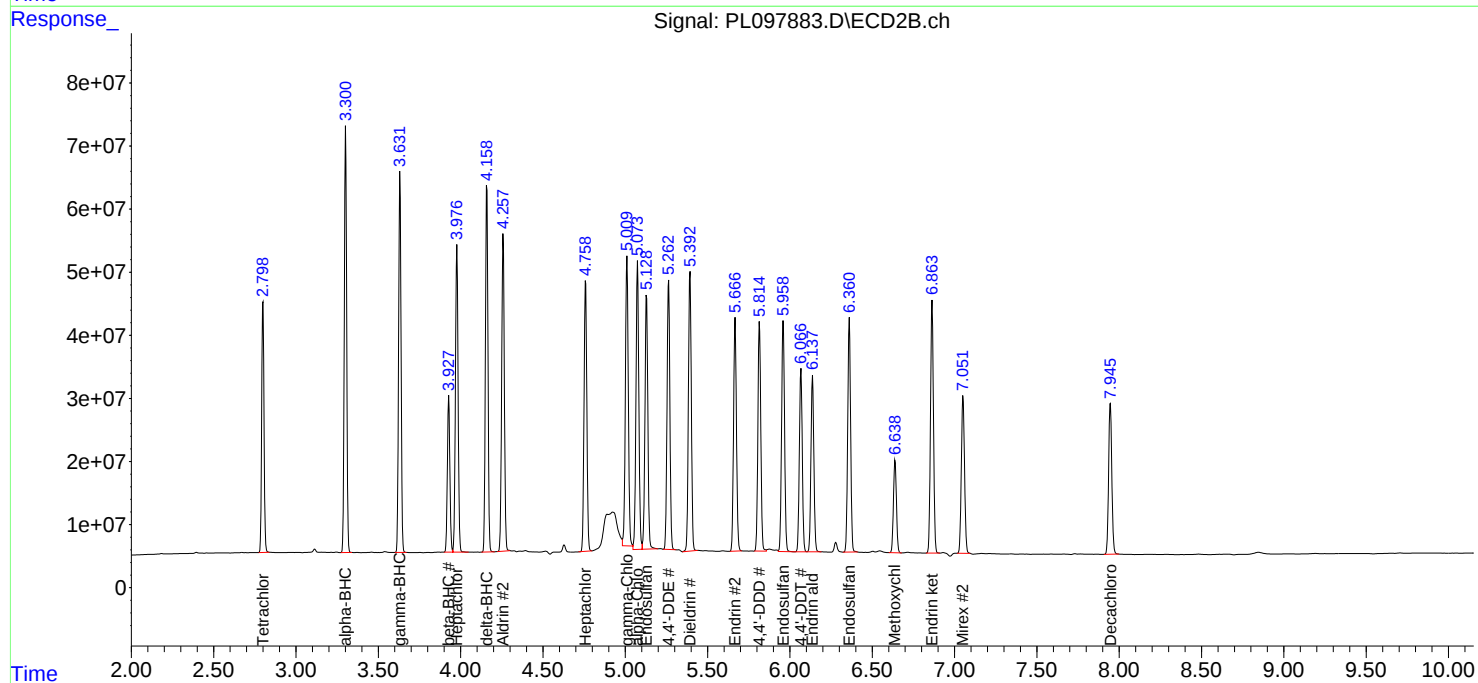
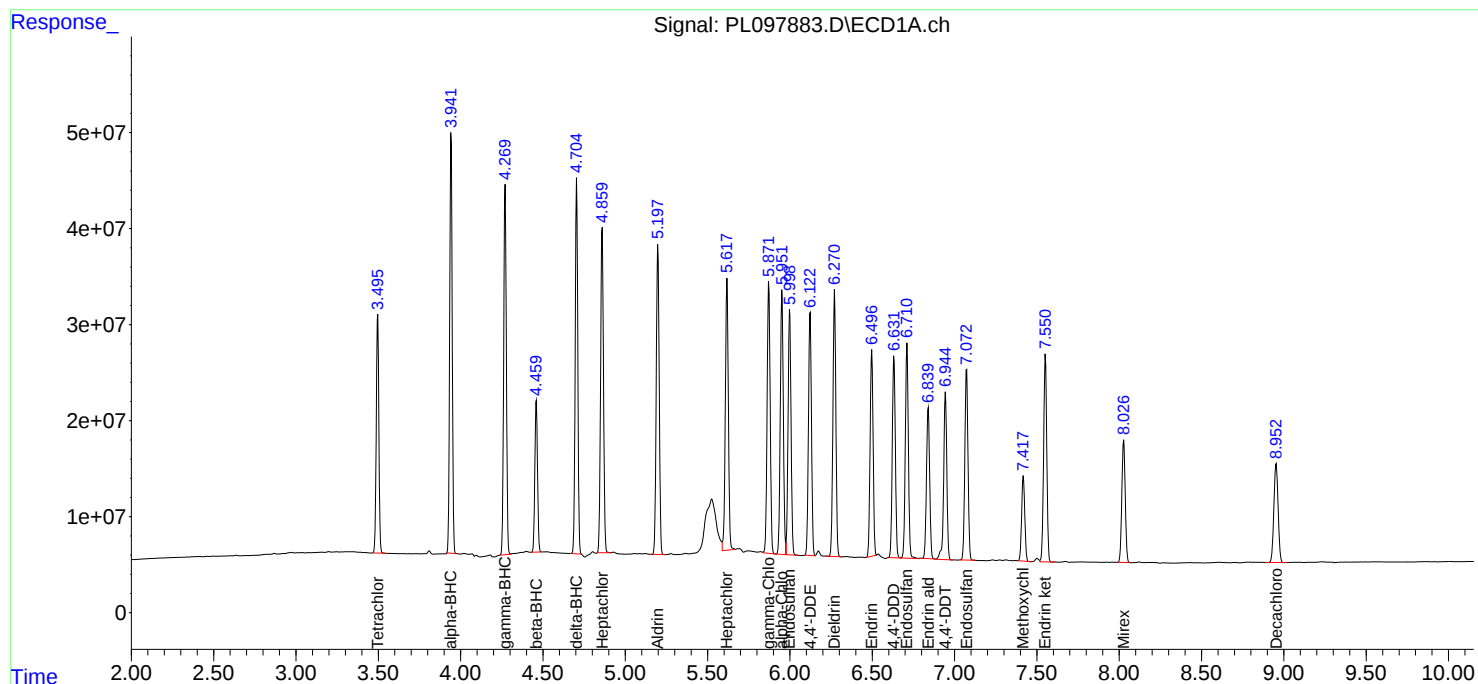
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

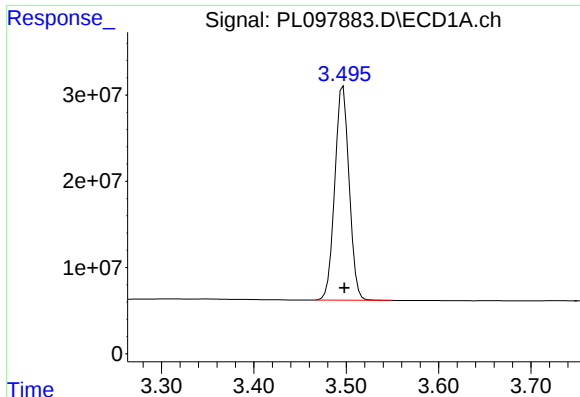
Manual Integrations
APPROVED

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 00:48:23 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





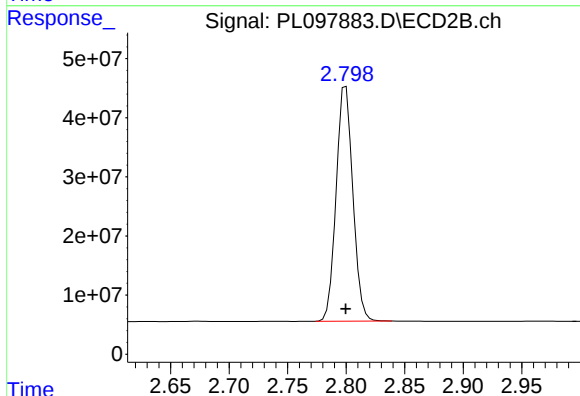
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 268077321
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

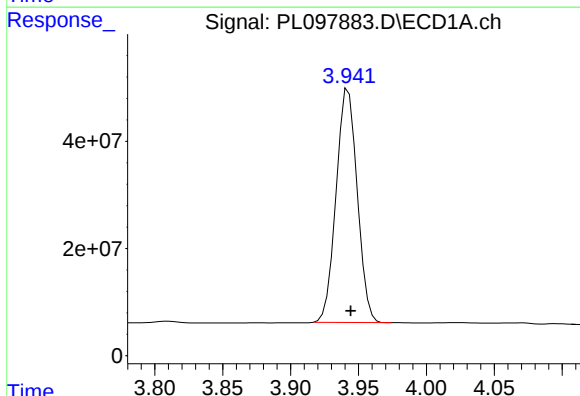
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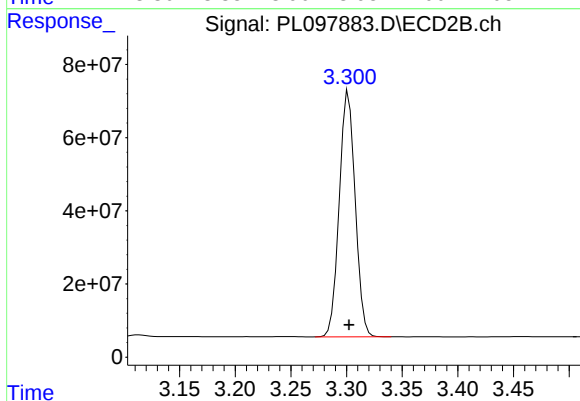
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 395136821
Conc: 56.57 ng/ml



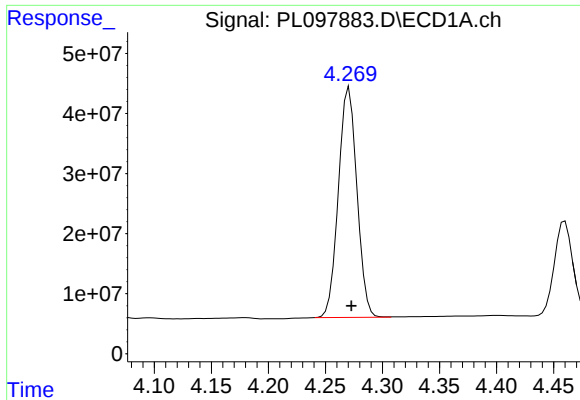
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 472161431
Conc: 55.83 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 669053648
Conc: 58.31 ng/ml



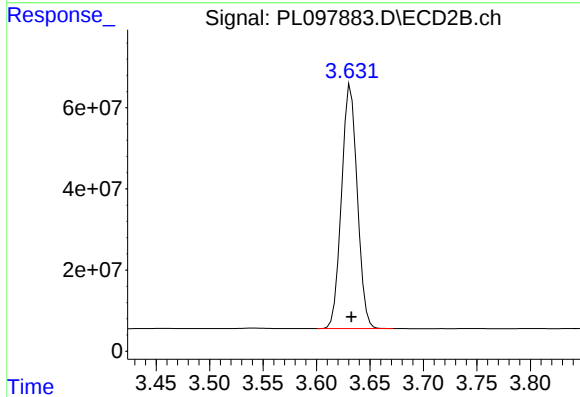
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 433375840
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

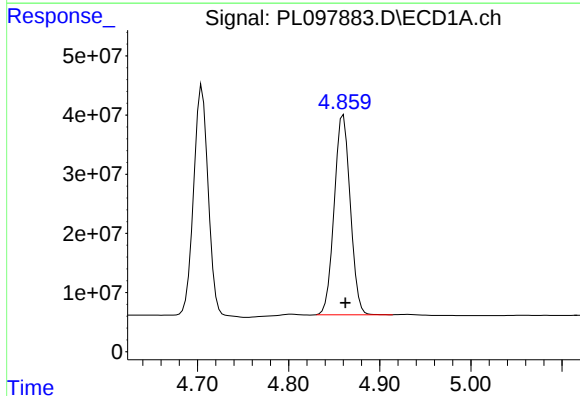
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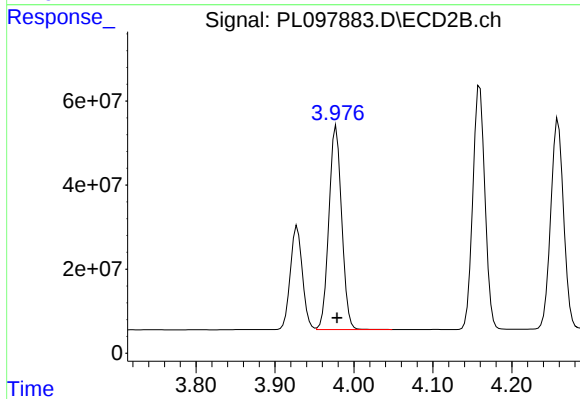
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 616930130
Conc: 57.36 ng/ml



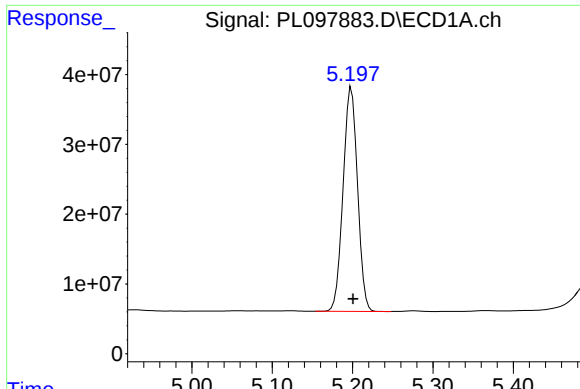
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 412796562
Conc: 51.84 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.001 min
Response: 544687675
Conc: 52.40 ng/ml



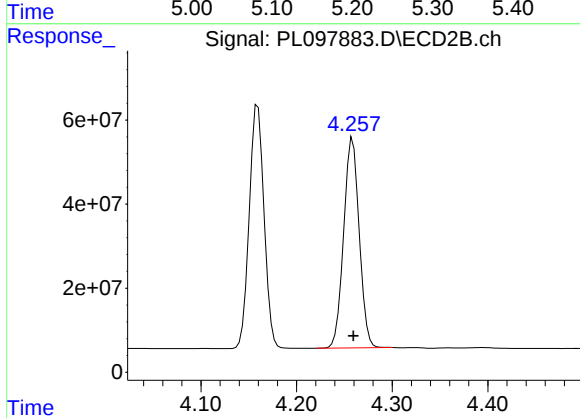
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 401178799
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

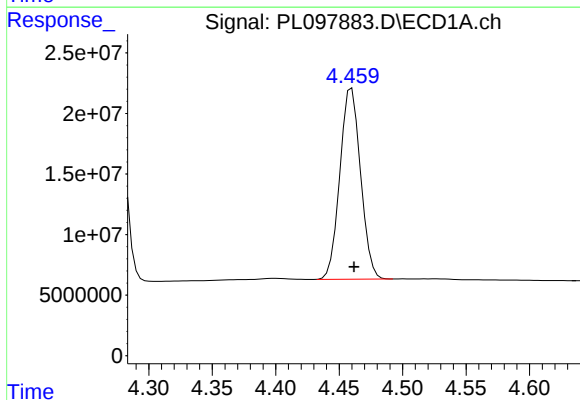
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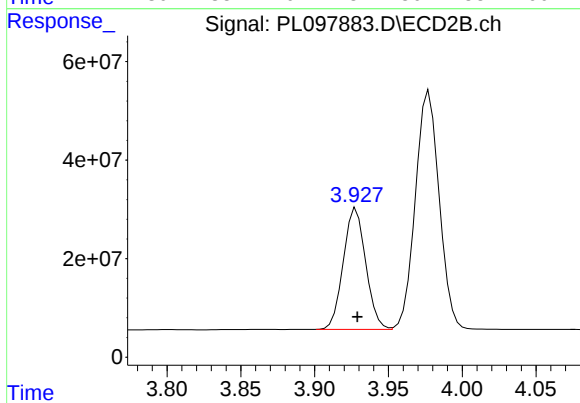
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 566811223
Conc: 57.31 ng/ml



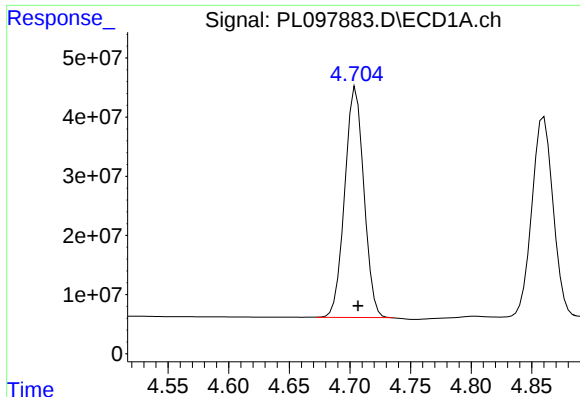
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 179034476
Conc: 53.47 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 260543059
Conc: 56.20 ng/ml



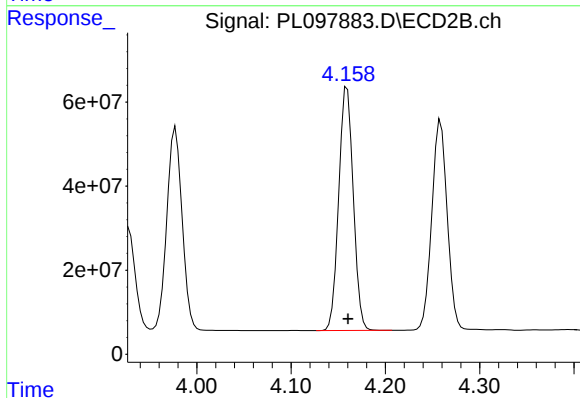
#7 delta-BHC

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 427961128
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

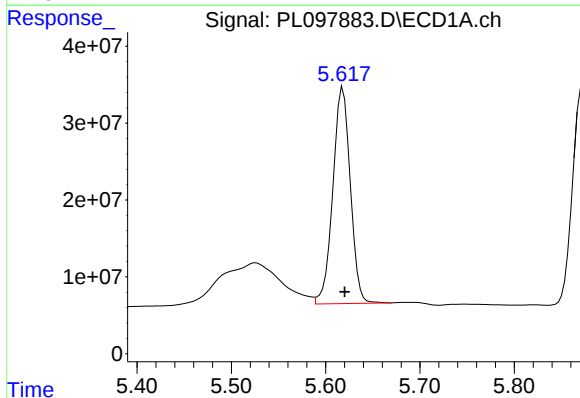
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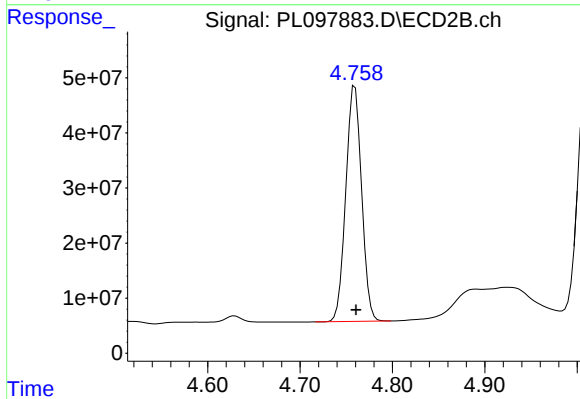
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 621729177
Conc: 58.17 ng/ml



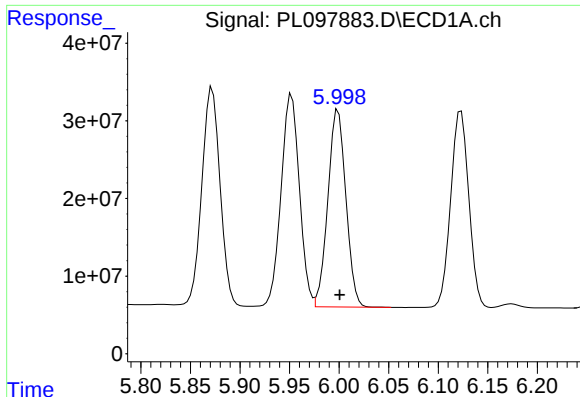
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 362537660
Conc: 54.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 508888450
Conc: 56.52 ng/ml



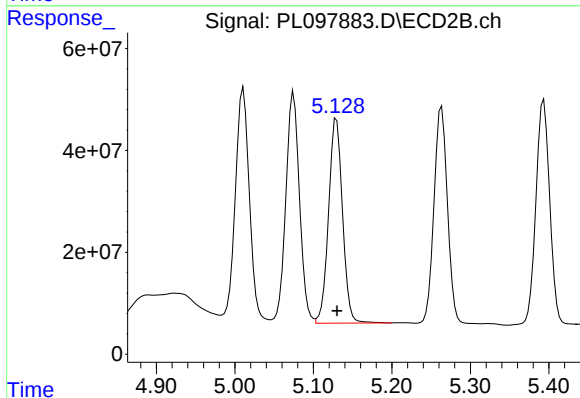
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 321105097
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

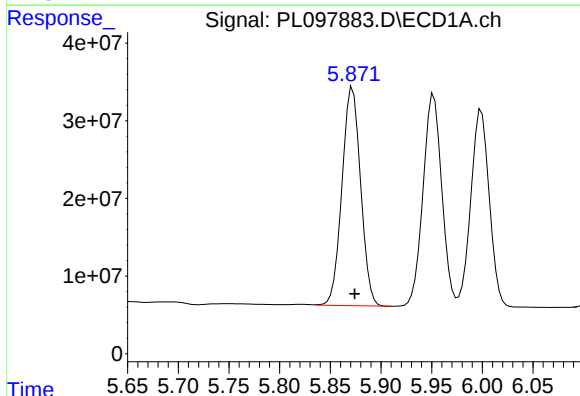
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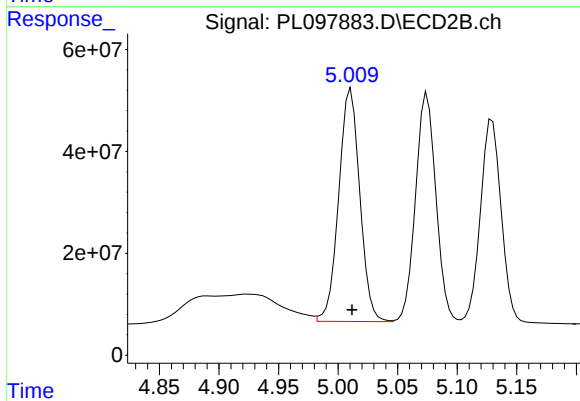
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 496191847
Conc: 48.70 ng/ml



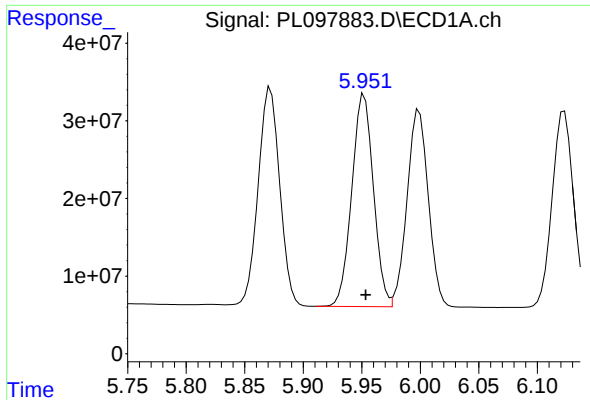
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 359522433
Conc: 55.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 561722512
Conc: 55.15 ng/ml m



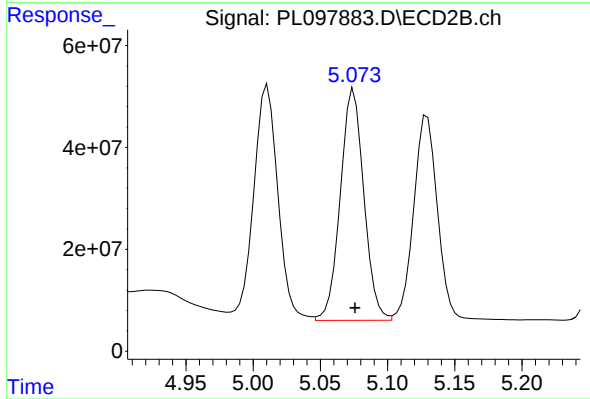
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 352414456
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

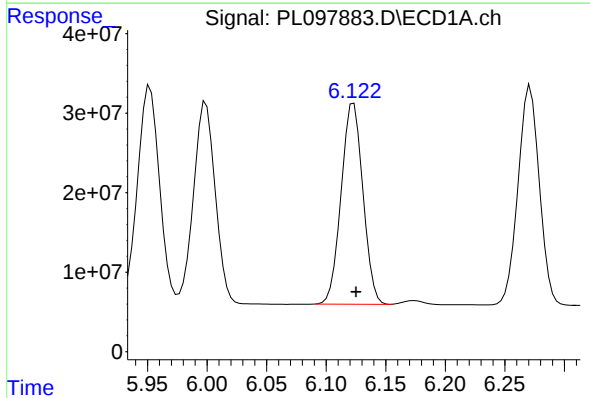
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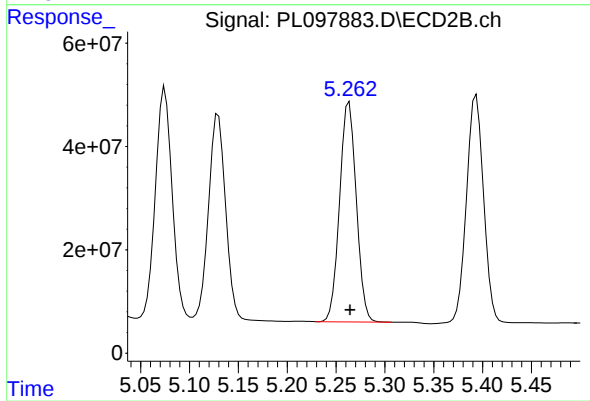
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 552351430
Conc: 53.86 ng/ml



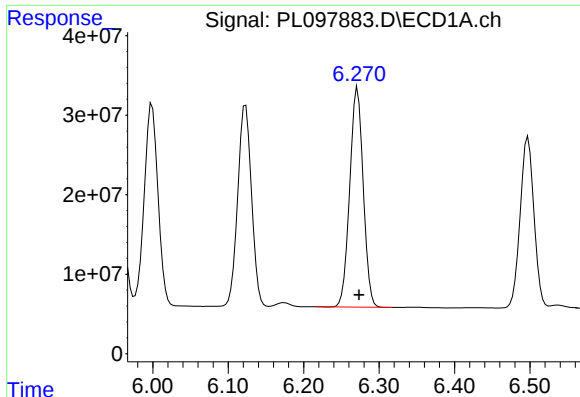
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 321507921
Conc: 54.74 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 506956858
Conc: 57.54 ng/ml m



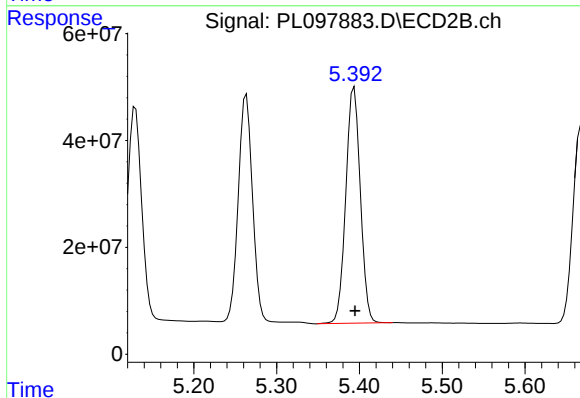
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 343597887
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

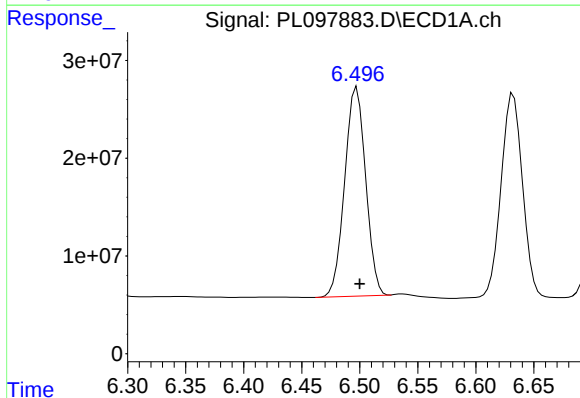
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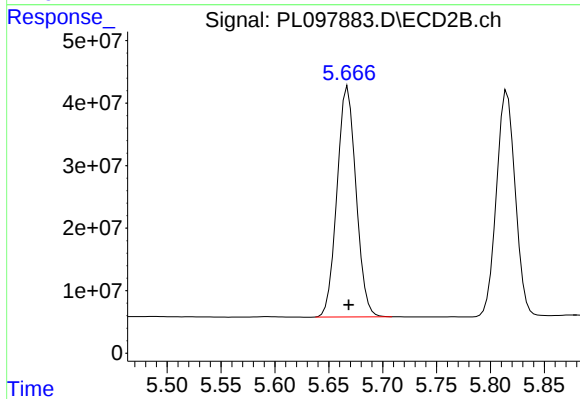
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 539606781
Conc: 57.59 ng/ml



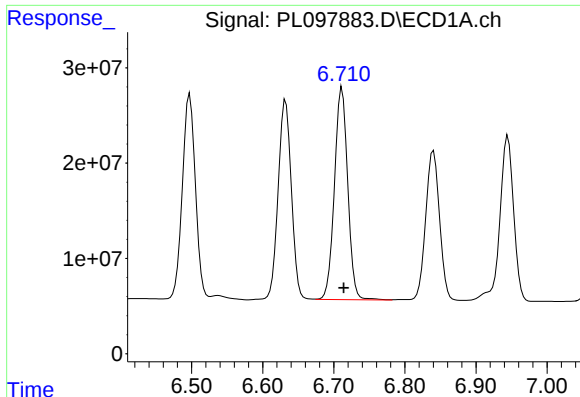
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 269082957
Conc: 51.95 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 452518021
Conc: 54.15 ng/ml



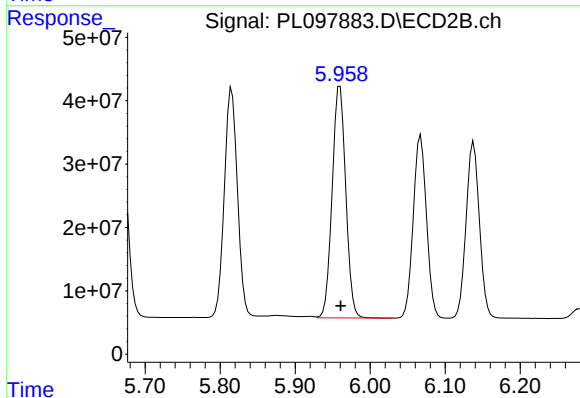
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 288683969
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

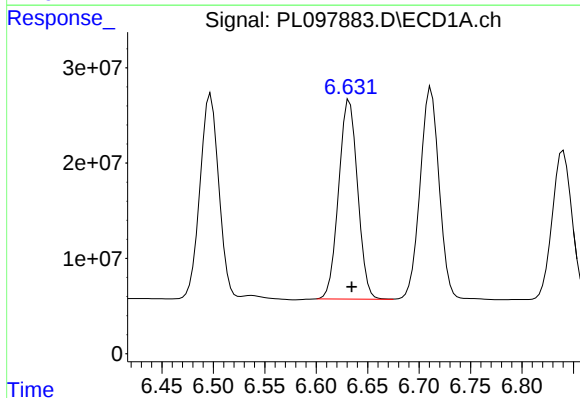
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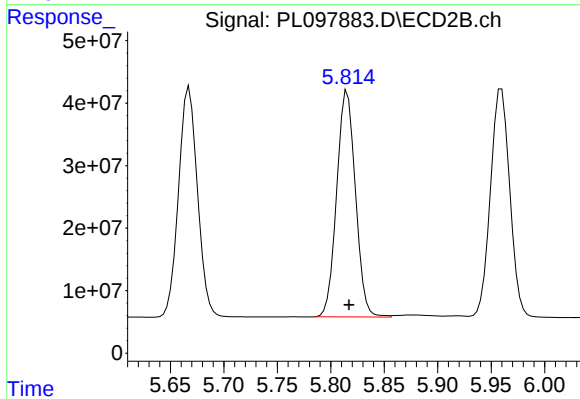
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 461428725
Conc: 55.75 ng/ml



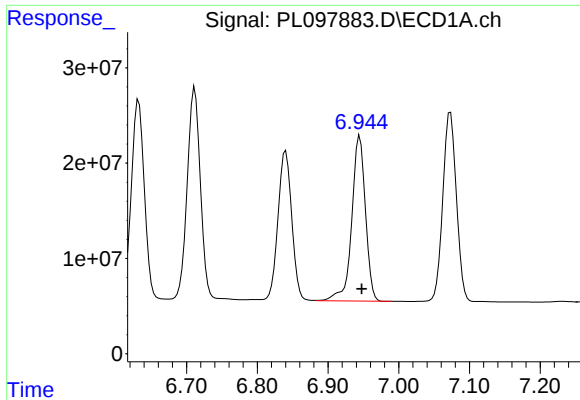
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 268451465
Conc: 57.96 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 442499331
Conc: 58.99 ng/ml



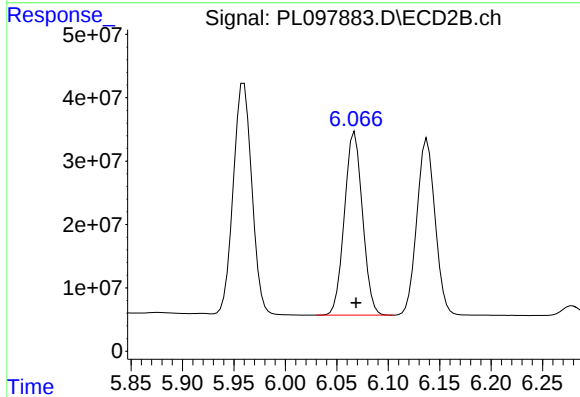
#17 4,4'-DDT

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 233430165
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

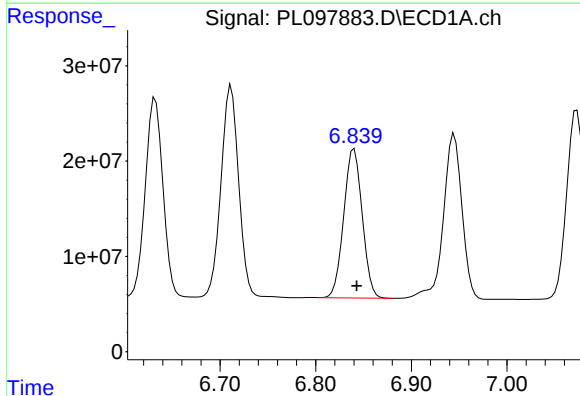
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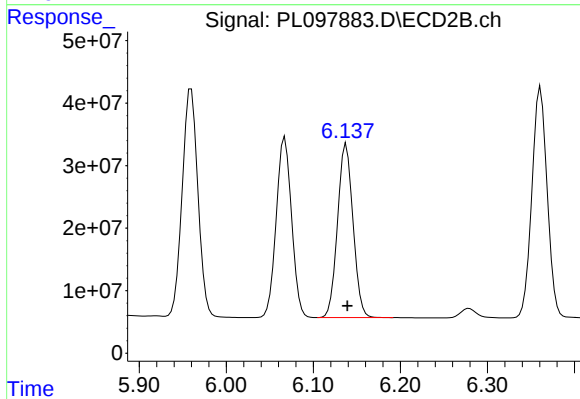
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 354149957
Conc: 46.17 ng/ml



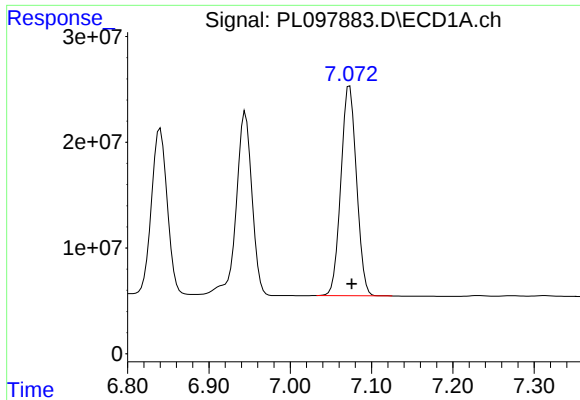
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 211060482
Conc: 53.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 343682922
Conc: 53.83 ng/ml



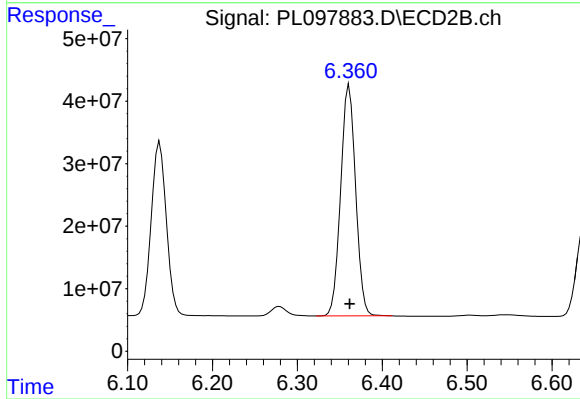
#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.003 min
Response: 264343754
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

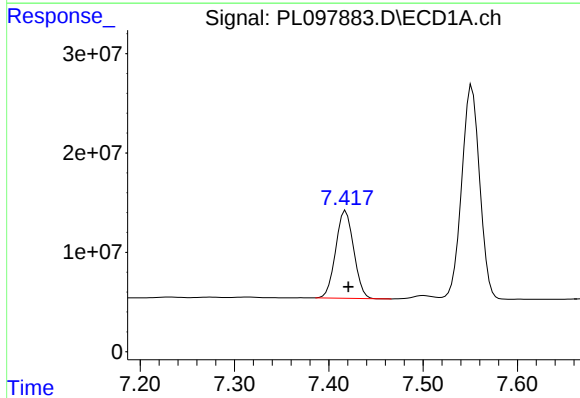
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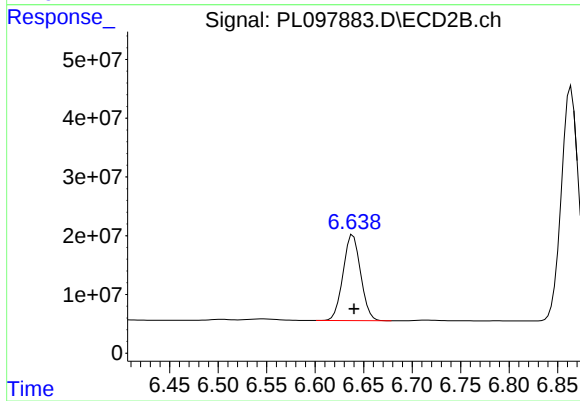
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 452132887
Conc: 55.54 ng/ml



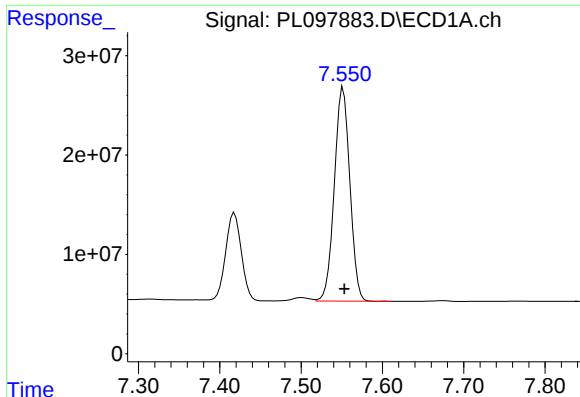
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 116916044
Conc: 46.45 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 184302249
Conc: 44.10 ng/ml



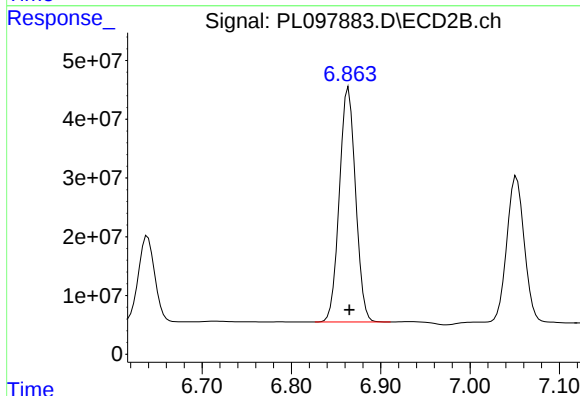
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 285214895
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

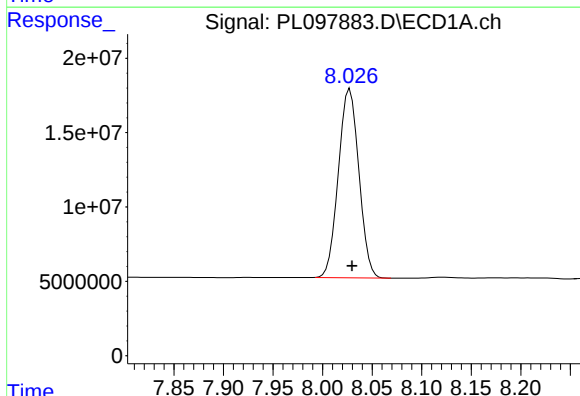
Manual Integrations
APPROVED

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



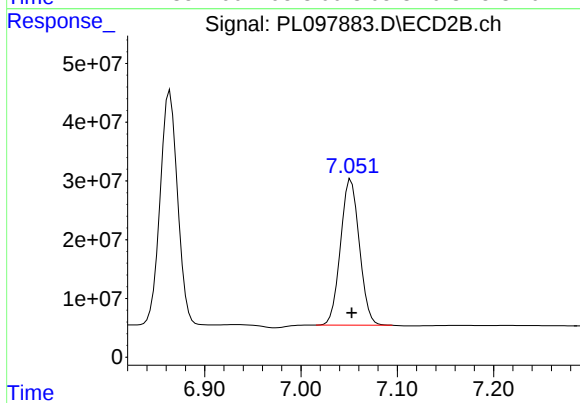
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 502397122
Conc: 56.32 ng/ml



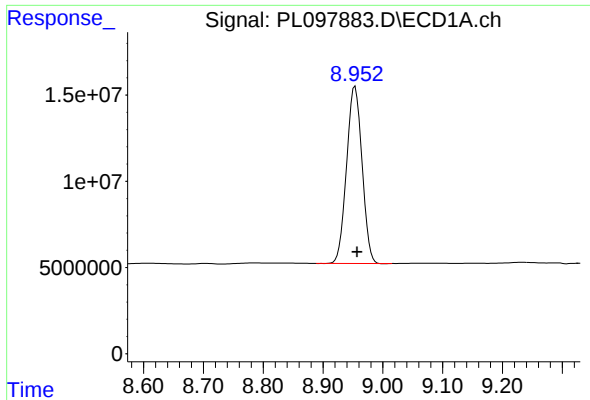
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 182903282
Conc: 53.03 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 336684795
Conc: 52.16 ng/ml



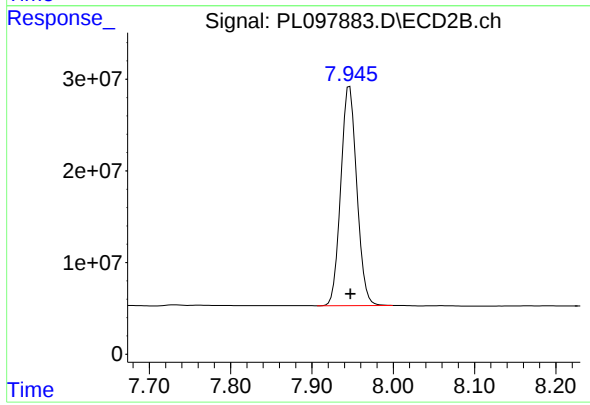
#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.003 min
Response: 184354681
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 326569538
Conc: 49.66 ng/ml