

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
 Data File : PL097866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 20:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:03:43 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	259.8E6	380.2E6	51.469	54.428
28)	SA Decachlor...	8.953	7.946	180.8E6	269.3E6	47.581	40.956
Target Compounds							
2)	A alpha-BHC	3.943	3.301	456.7E6	641.9E6	54.004	55.943
3)	MA gamma-BHC...	4.271	3.632	416.8E6	593.9E6	51.990	55.215
4)	MA Heptachlor	4.860	3.977	403.6E6	535.9E6	50.691	51.555
5)	MB Aldrin	5.198	4.259	382.8E6	535.6E6	52.844	54.157
6)	B beta-BHC	4.460	3.928	170.0E6	248.4E6	50.773	53.574
7)	B delta-BHC	4.703	4.159	406.0E6	587.7E6	52.425m	54.995
8)	B Heptachlo...	5.618	4.759	343.2E6	479.4E6	51.579	53.249
9)	A Endosulfan I	5.999	5.129	297.5E6	466.6E6	50.539	45.802
10)	B gamma-Chl...	5.872	5.011	330.7E6	548.4E6	50.951	53.847
11)	B alpha-Chl...	5.952	5.075	325.8E6	517.8E6	50.174	50.497
12)	B 4,4'-DDE	6.123	5.262	296.9E6	470.1E6	50.551	53.350m
13)	MA Dieldrin	6.271	5.393	317.8E6	497.8E6	51.787	53.127
14)	MA Endrin	6.497	5.667	249.8E6	421.3E6	48.225	50.415
15)	B Endosulfa...	6.710	5.959	265.6E6	418.5E6	51.968m	50.557
16)	A 4,4'-DDD	6.632	5.815	241.0E6	394.5E6	52.023	52.592
17)	MA 4,4'-DDT	6.946	6.067	219.7E6	345.0E6	45.860	44.977
18)	B Endrin al...	6.840	6.137	205.3E6	306.7E6	52.101	48.042
19)	B Endosulfa...	7.074	6.361	244.1E6	395.2E6	49.232	48.540
20)	A Methoxychlor	7.418	6.639	110.7E6	175.4E6	43.976	41.964
21)	B Endrin ke...	7.551	6.864	248.6E6	433.7E6	47.846	48.616
22)	Mirex	8.027	7.051	161.9E6	286.8E6	46.933	44.432

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
Data File : PL097866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 20:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

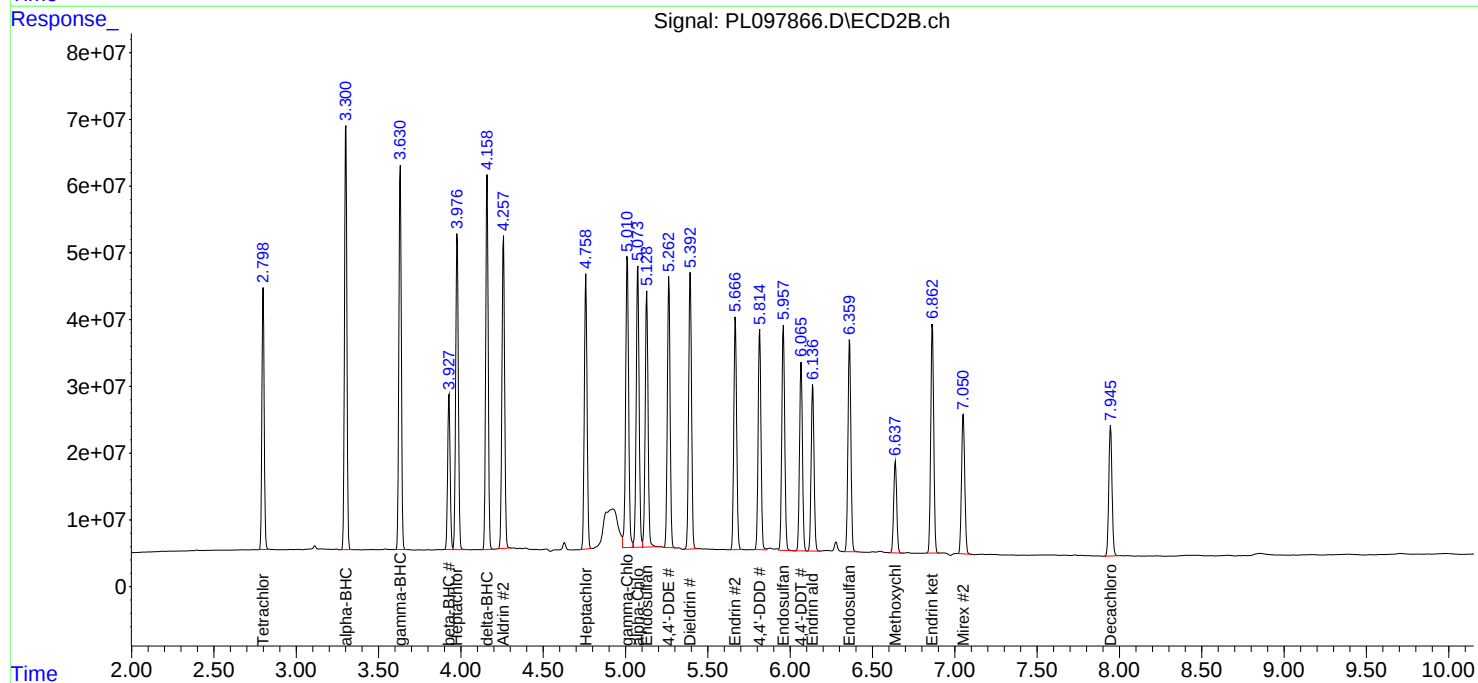
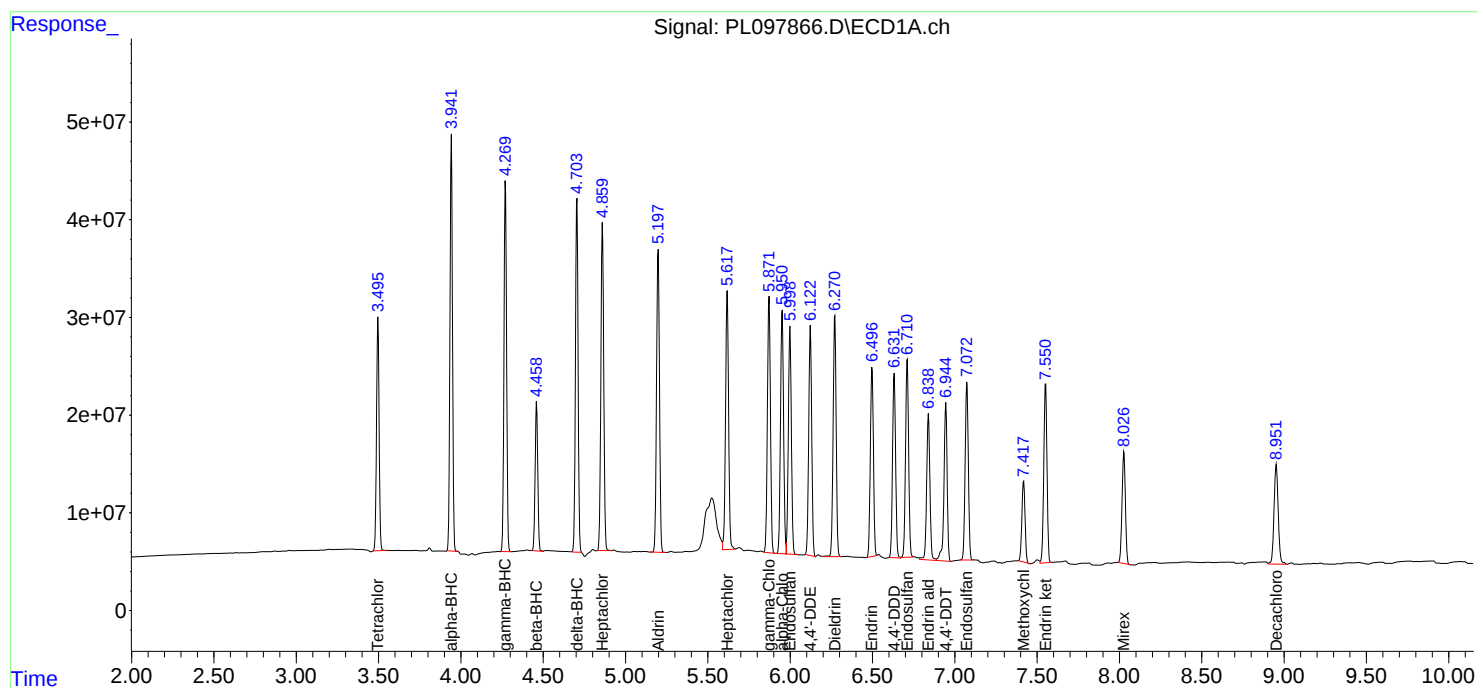
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

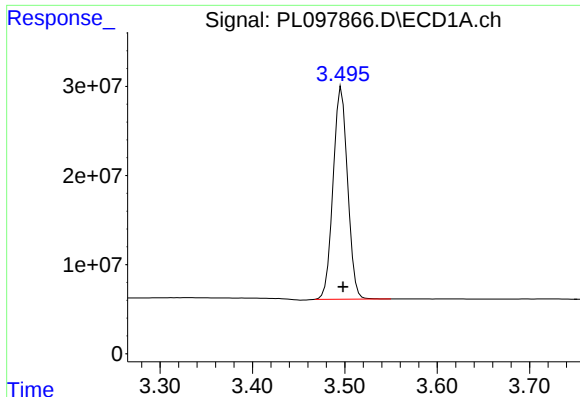
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:03:43 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





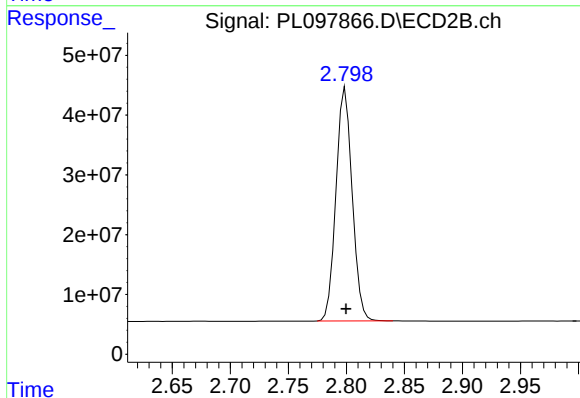
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 259759434
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

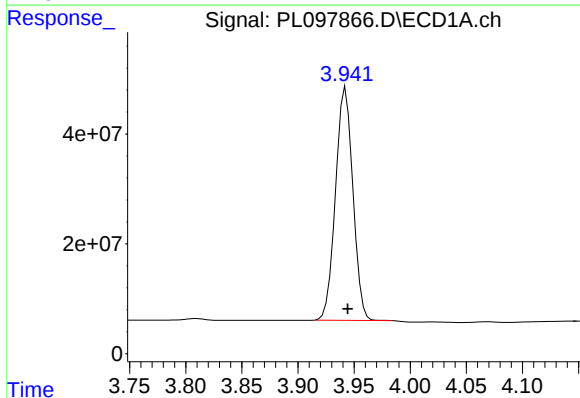
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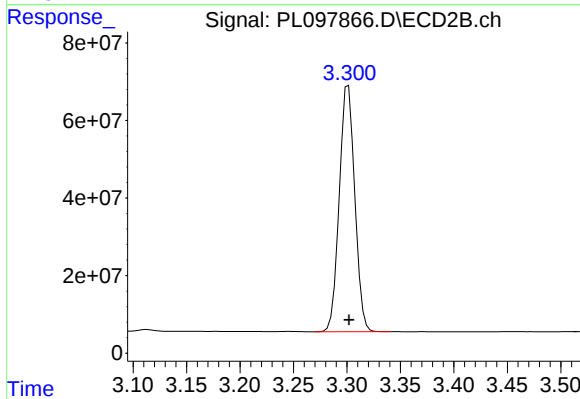
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 380194034
Conc: 54.43 ng/ml



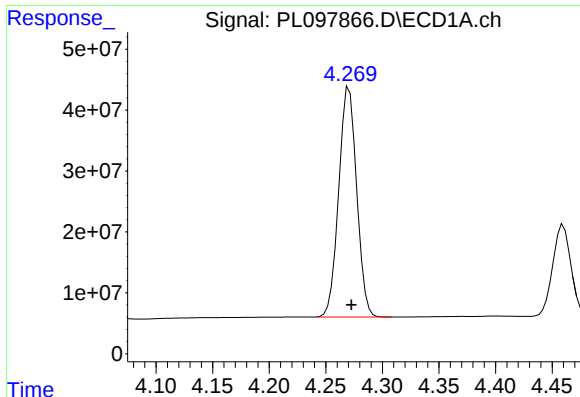
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 456700249
Conc: 54.00 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 641872354
Conc: 55.94 ng/ml



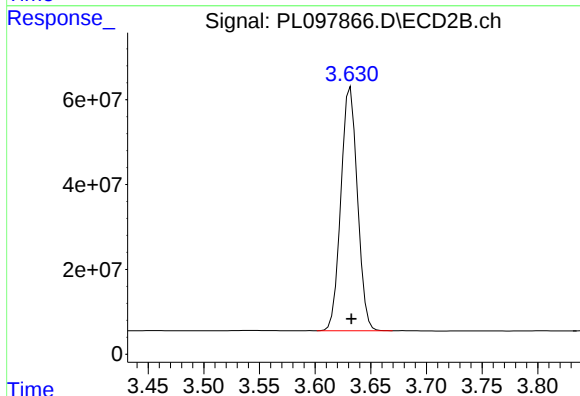
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 416780616
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

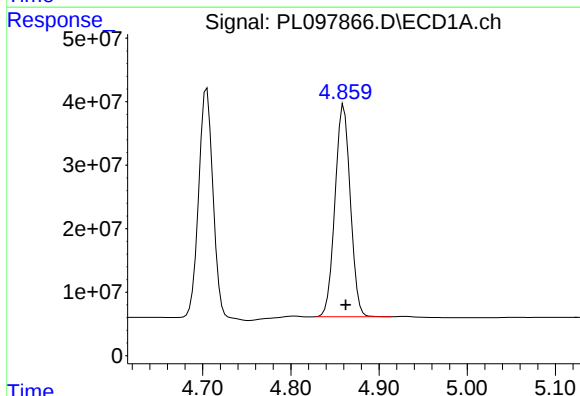
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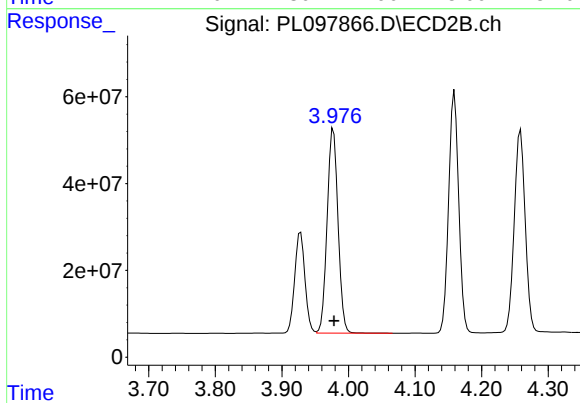
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 593894719
Conc: 55.22 ng/ml



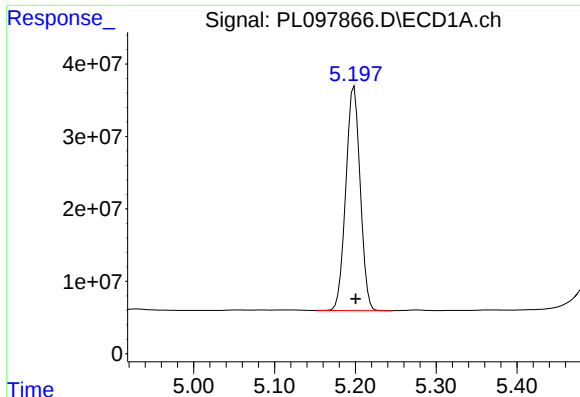
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 403611619
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.001 min
Response: 535923925
Conc: 51.56 ng/ml



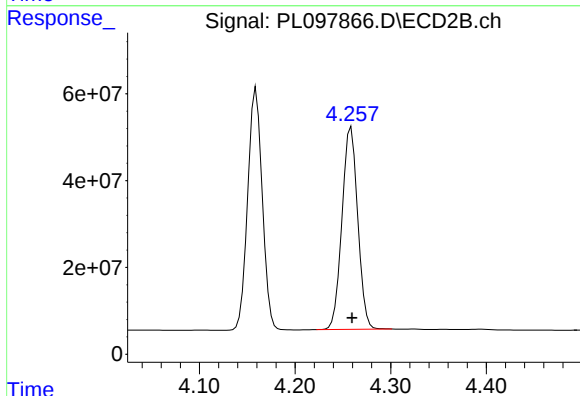
#5 Aldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 382831107
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

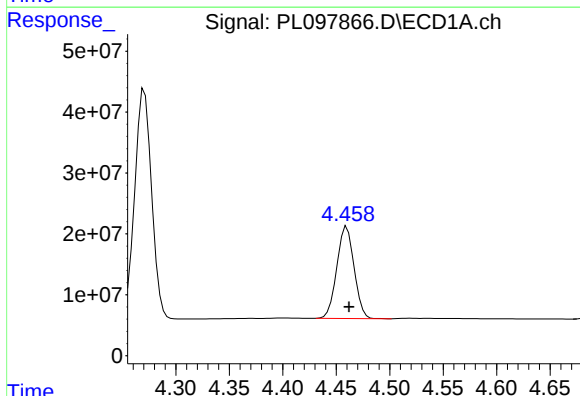
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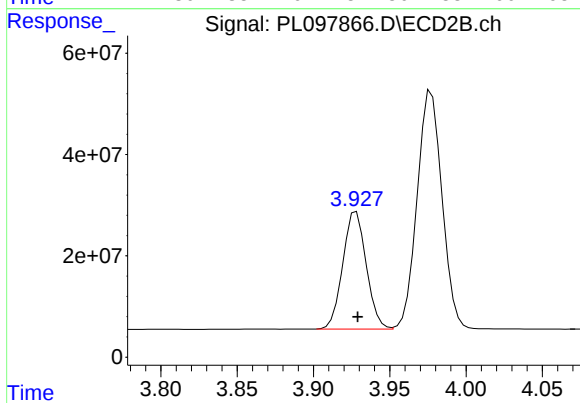
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.001 min
Response: 535596066
Conc: 54.16 ng/ml



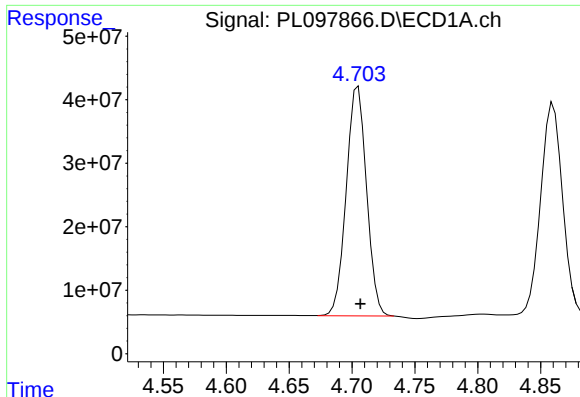
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 169995283
Conc: 50.77 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 248383750
Conc: 53.57 ng/ml



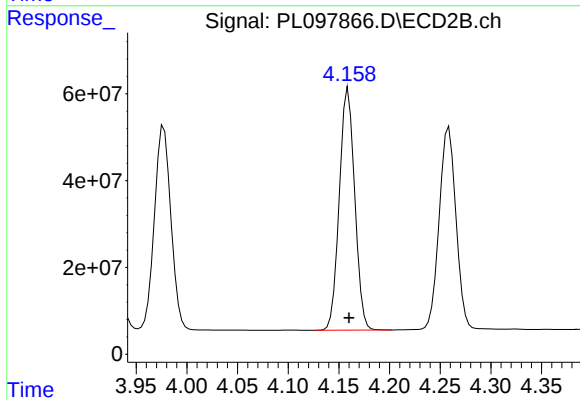
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.003 min
Response: 406044505
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

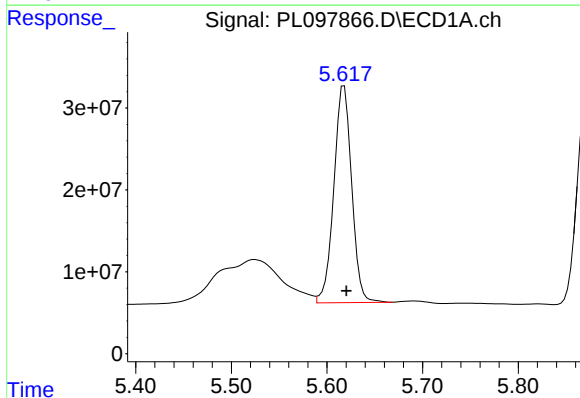
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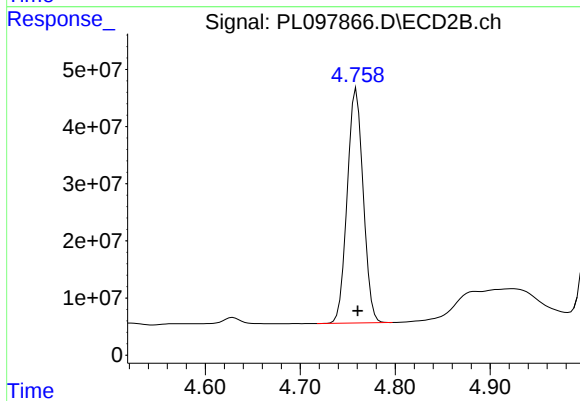
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 587747710
Conc: 55.00 ng/ml



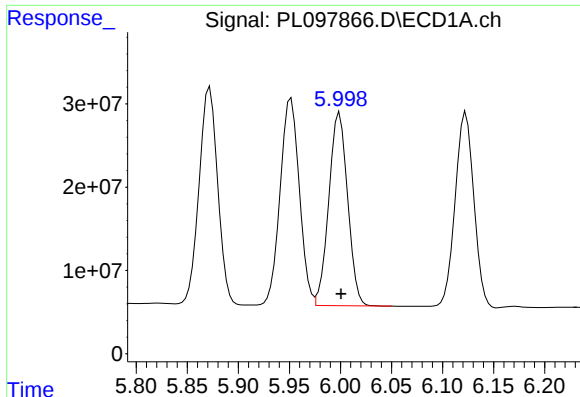
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 343167427
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 479444752
Conc: 53.25 ng/ml



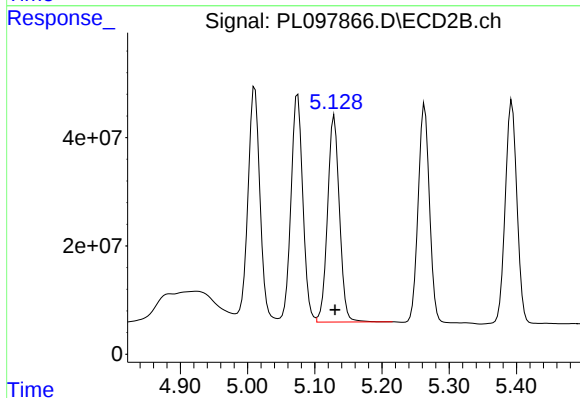
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 297548395
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

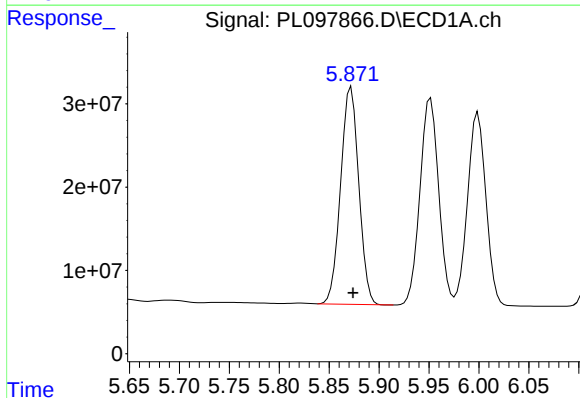
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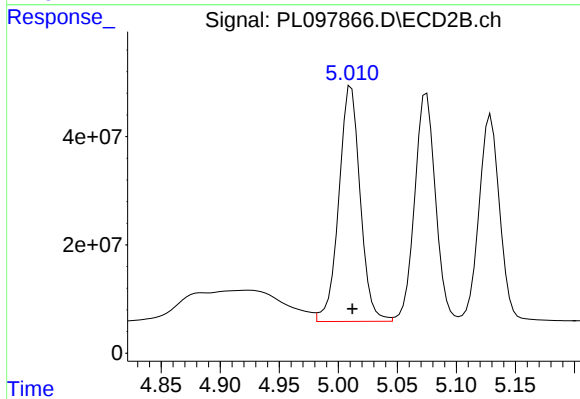
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 466644607
Conc: 45.80 ng/ml



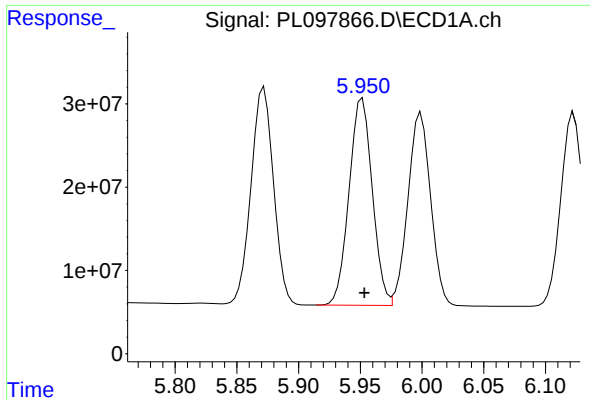
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 330748311
Conc: 50.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 548435396
Conc: 53.85 ng/ml



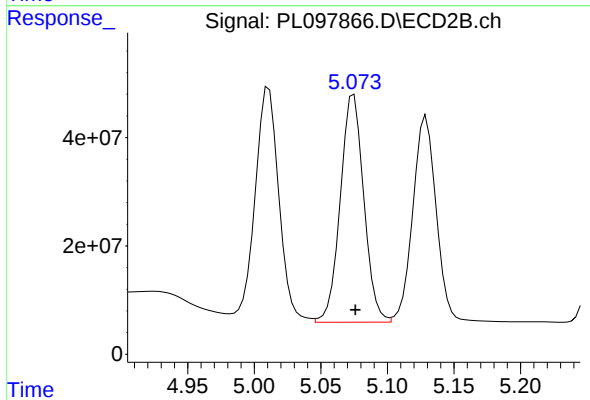
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 325785422
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

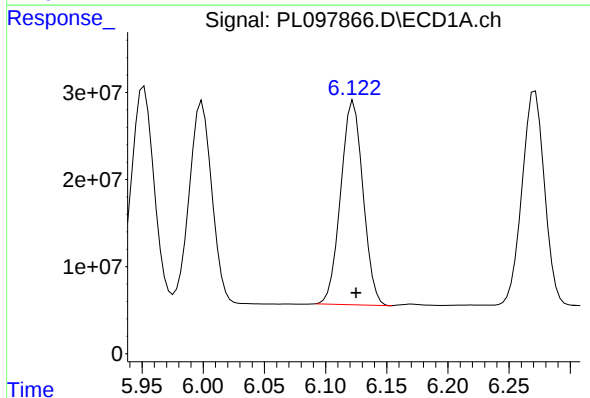
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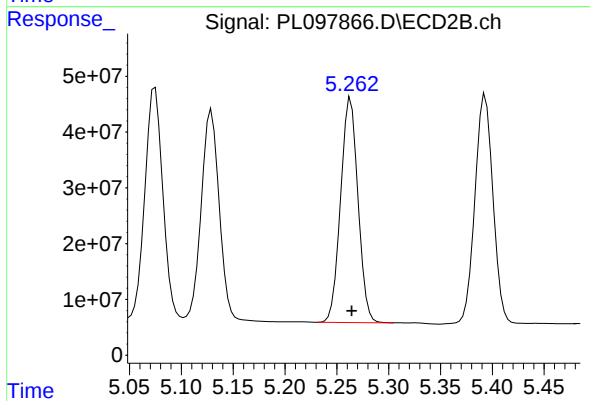
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 517843047
Conc: 50.50 ng/ml



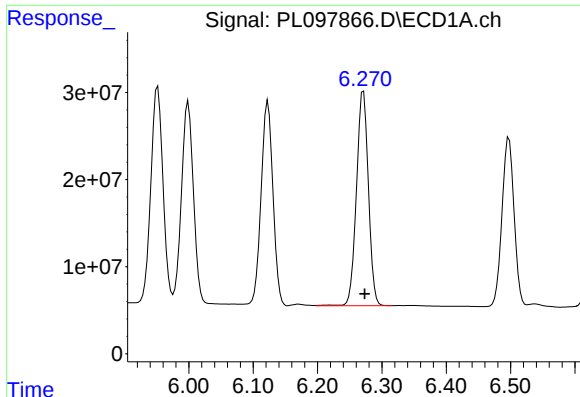
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 296903480
Conc: 50.55 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 470056465
Conc: 53.35 ng/ml m



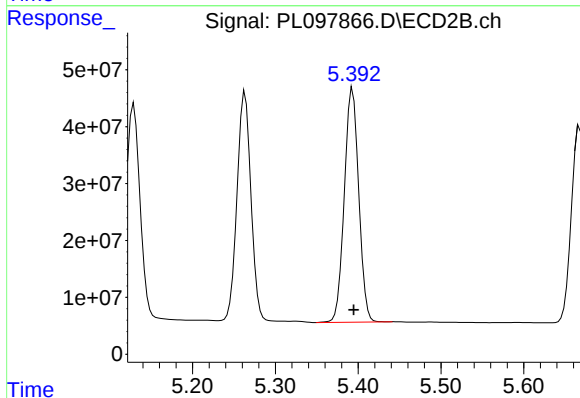
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 317790756
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

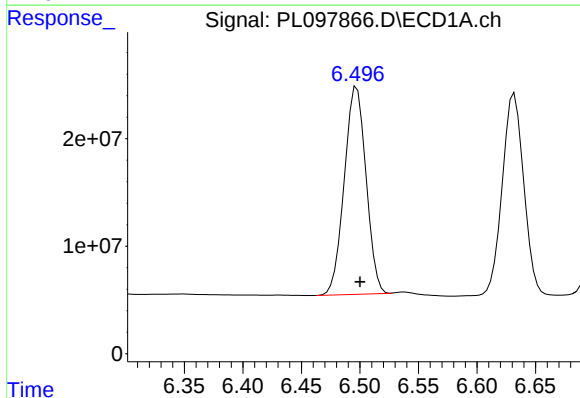
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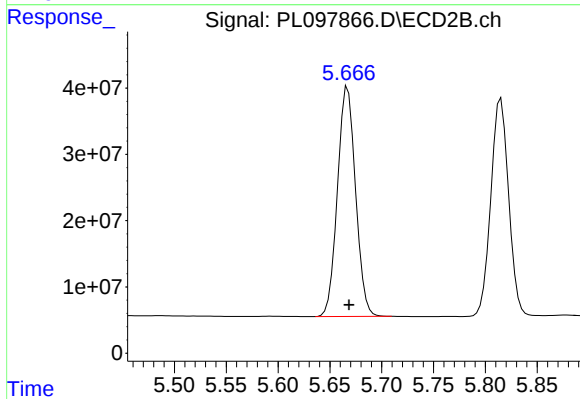
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 497825519
Conc: 53.13 ng/ml



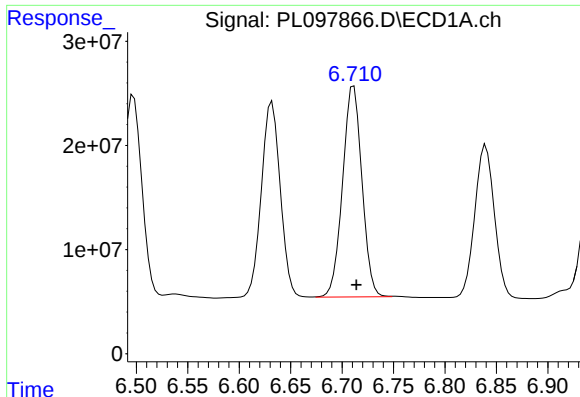
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 249778289
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 421320267
Conc: 50.42 ng/ml



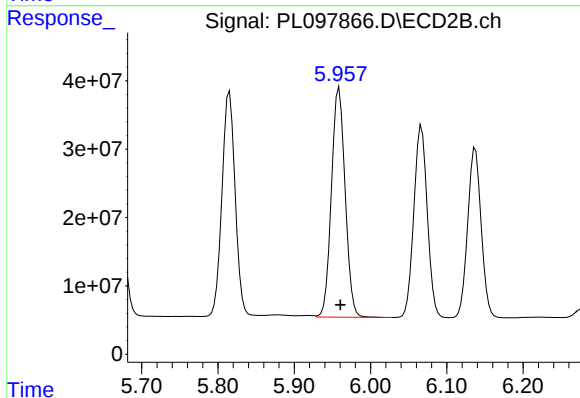
#15 Endosulfan II

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 265557361
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

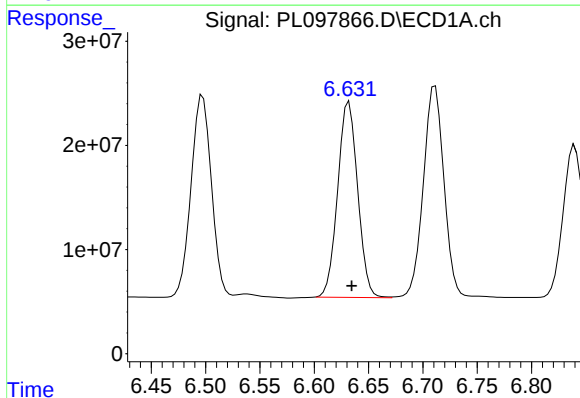
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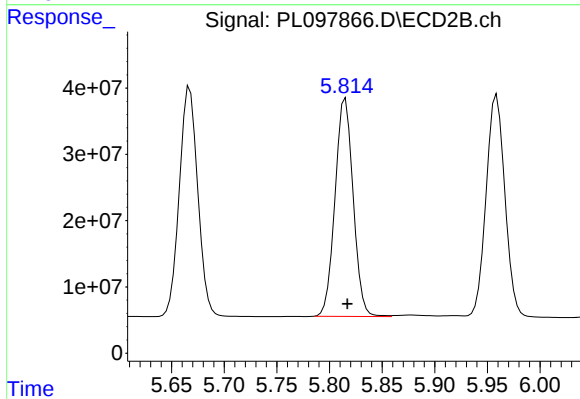
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 418462054
Conc: 50.56 ng/ml



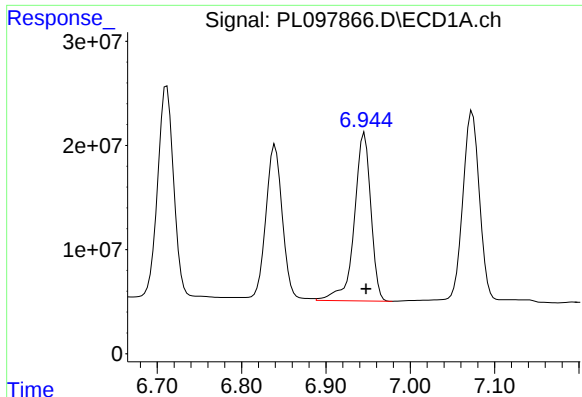
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 240969404
Conc: 52.02 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 394493108
Conc: 52.59 ng/ml



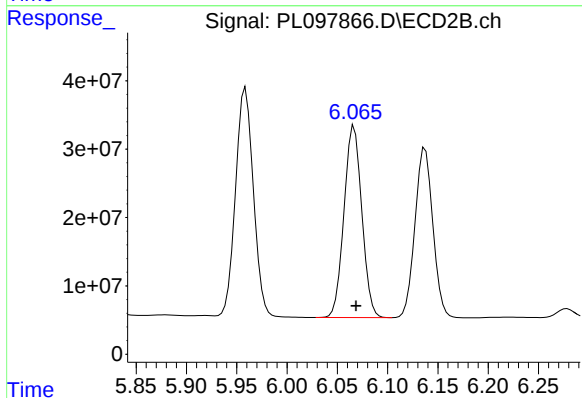
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 219686499
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

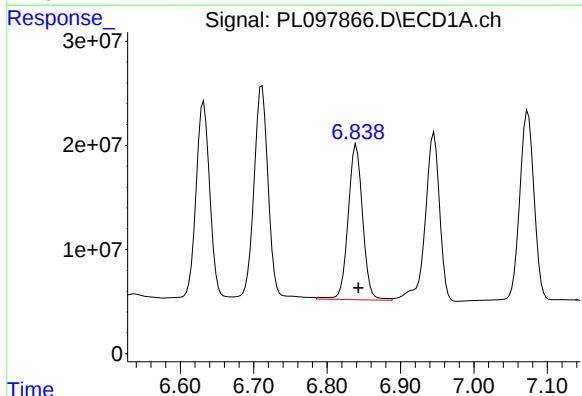
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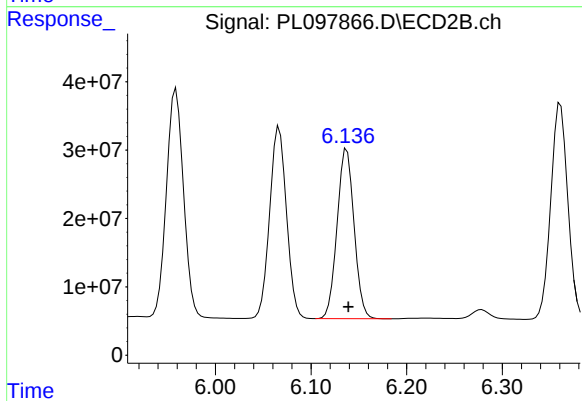
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 345005659
Conc: 44.98 ng/ml



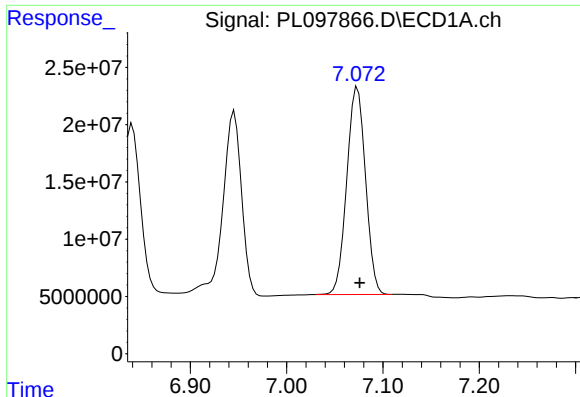
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 205295782
Conc: 52.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 306747741
Conc: 48.04 ng/ml



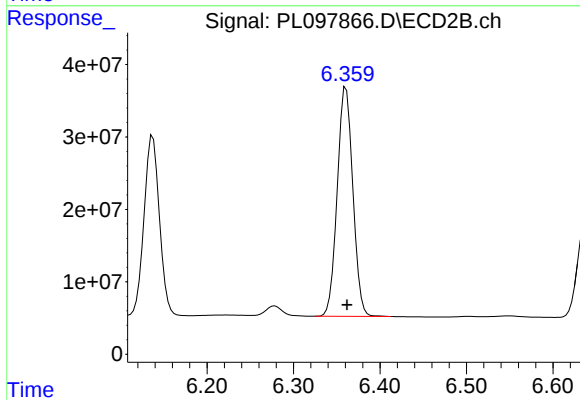
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 244061097
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

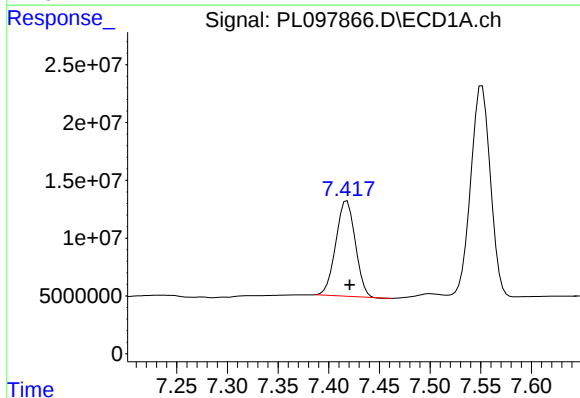
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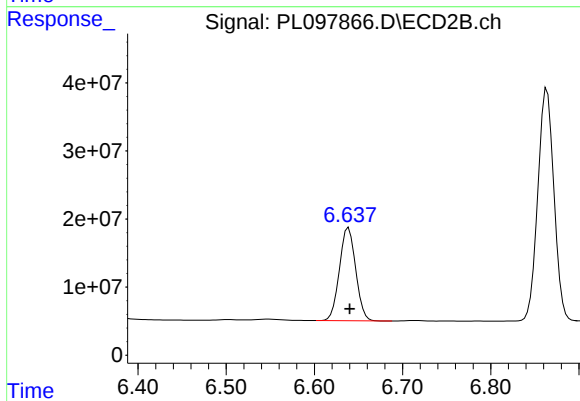
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 395167356
Conc: 48.54 ng/ml



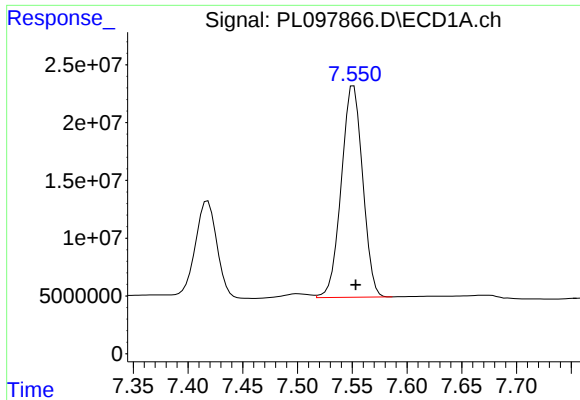
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 110683123
Conc: 43.98 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 175367250
Conc: 41.96 ng/ml



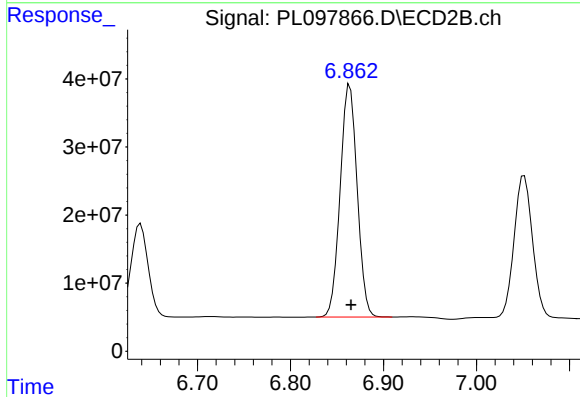
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 248636362
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

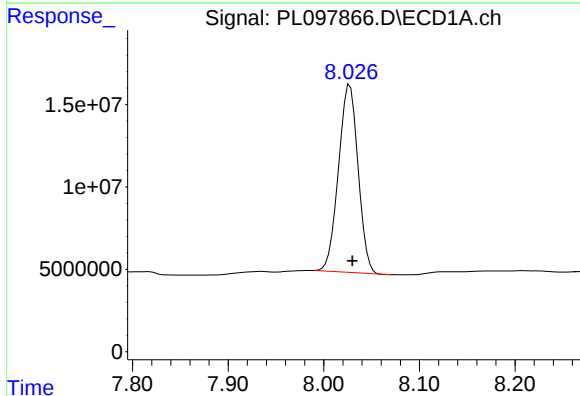
Manual Integrations
APPROVED

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



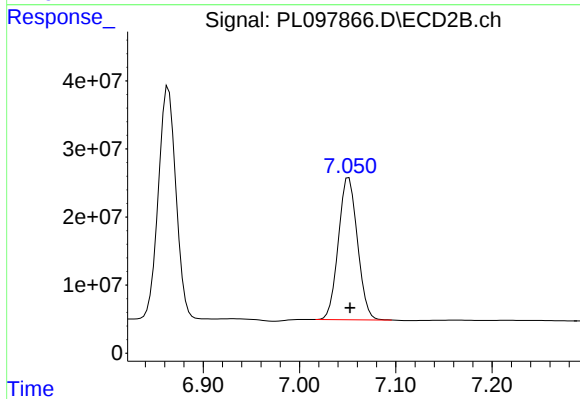
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 433697523
Conc: 48.62 ng/ml



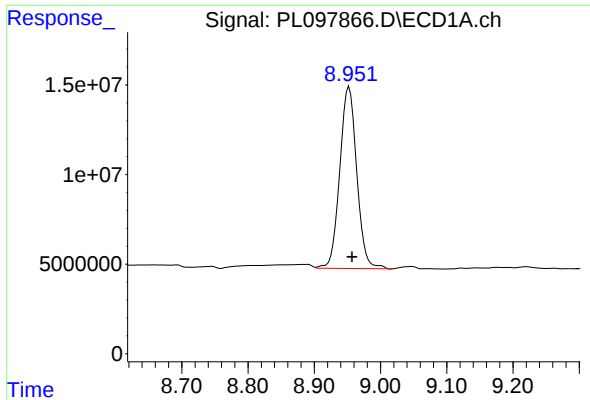
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 161868260
Conc: 46.93 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: -0.001 min
Response: 286826021
Conc: 44.43 ng/ml



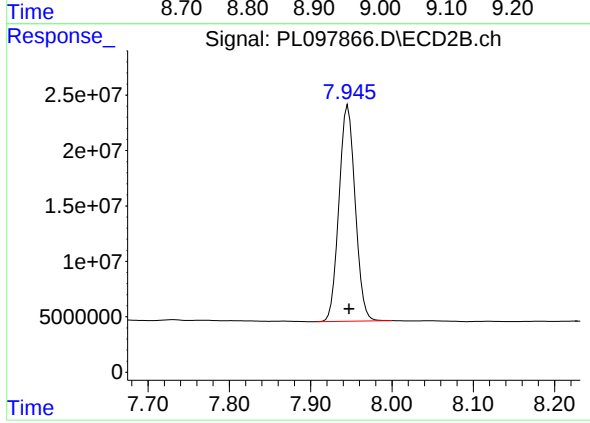
#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.004 min
Response: 180782442
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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.: -0.002 min
Response: 269329553
Conc: 40.96 ng/ml