

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
 Data File : PL097610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 17:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/13/2025
 Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:21:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.524	2.822	230.3E6	317.6E6	56.492	52.174
28)	SA Decachlor...	8.993	7.978	159.8E6	228.9E6	53.737	44.106
Target Compounds							
2)	A alpha-BHC	3.971	3.326	381.1E6	526.3E6	56.500	53.340
3)	MA gamma-BHC...	4.298	3.658	358.2E6	483.4E6	56.348	52.614
4)	MA Heptachlor	4.889	4.005	339.7E6	458.1E6	52.666	49.838
5)	MB Aldrin	5.227	4.287	331.3E6	451.1E6	55.100	52.018
6)	B beta-BHC	4.486	3.954	147.9E6	201.5E6	57.217	50.653
7)	B delta-BHC	4.731	4.187	342.2E6	476.2E6	56.354	52.713
8)	B Heptachlo...	5.646	4.789	297.2E6	399.7E6	51.041m	50.603
9)	A Endosulfan I	6.028	5.159	274.9E6	361.5E6	55.294	49.015
10)	B gamma-Chl...	5.899	5.041	295.4E6	438.9E6	54.435m	50.493
11)	B alpha-Chl...	5.981	5.105	303.2E6	421.4E6	55.870	50.606
12)	B 4,4'-DDE	6.152	5.293	259.9E6	384.1E6	55.797	50.593
13)	MA Dieldrin	6.300	5.423	286.5E6	429.6E6	54.456	51.962
14)	MA Endrin	6.526	5.699	237.9E6	383.3E6	53.164	51.792
15)	B Endosulfa...	6.738	5.990	237.9E6	344.3E6	48.638m	49.866
16)	A 4,4'-DDD	6.658	5.845	217.6E6	339.7E6	57.661m	53.255
17)	MA 4,4'-DDT	6.974	6.098	201.1E6	293.9E6	49.600	44.105
18)	B Endrin al...	6.869	6.168	184.9E6	258.2E6	56.439	44.843
19)	B Endosulfa...	7.102	6.391	212.8E6	325.0E6	53.065	48.821
20)	A Methoxychlor	7.447	6.669	96811752	156.2E6	46.344	42.864
21)	B Endrin ke...	7.581	6.895	231.7E6	375.0E6	54.113	47.468
22)	Mirex	8.059	7.084	151.6E6	243.5E6	48.786	45.508

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
Data File : PL097610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

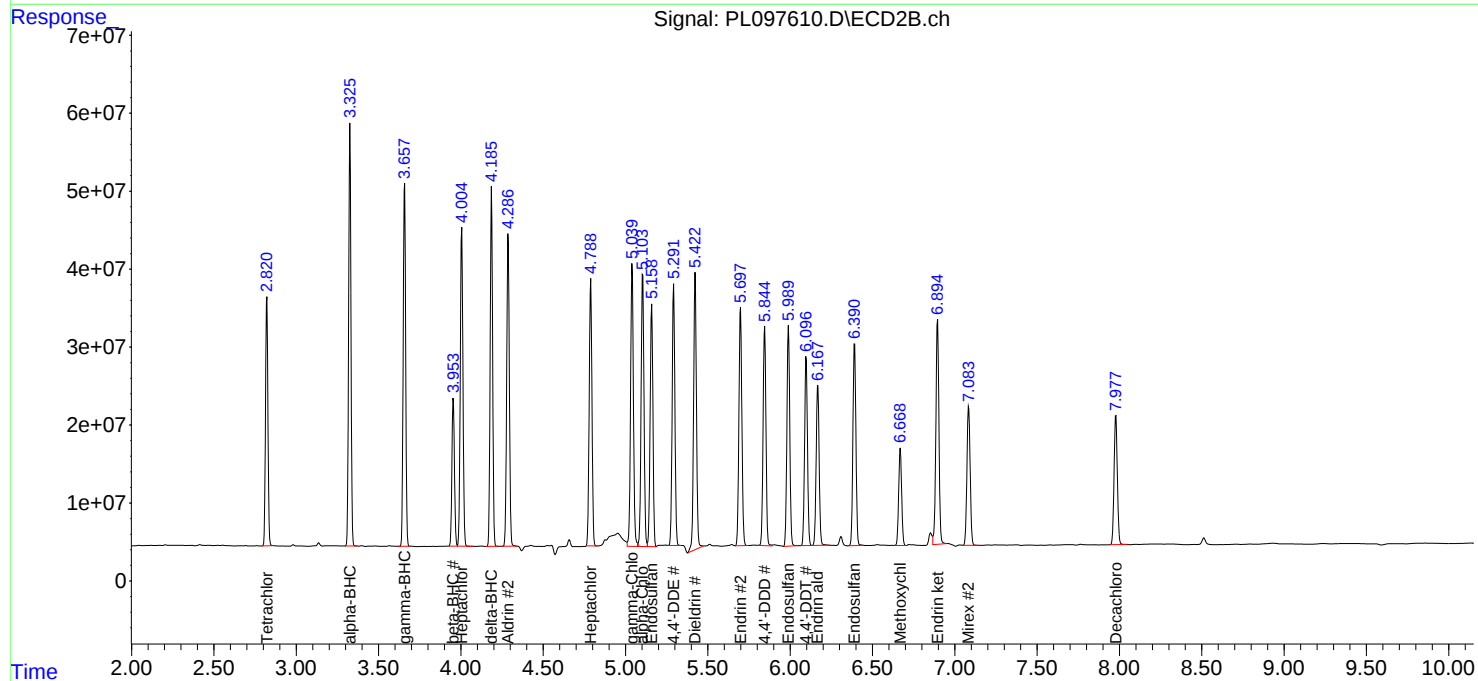
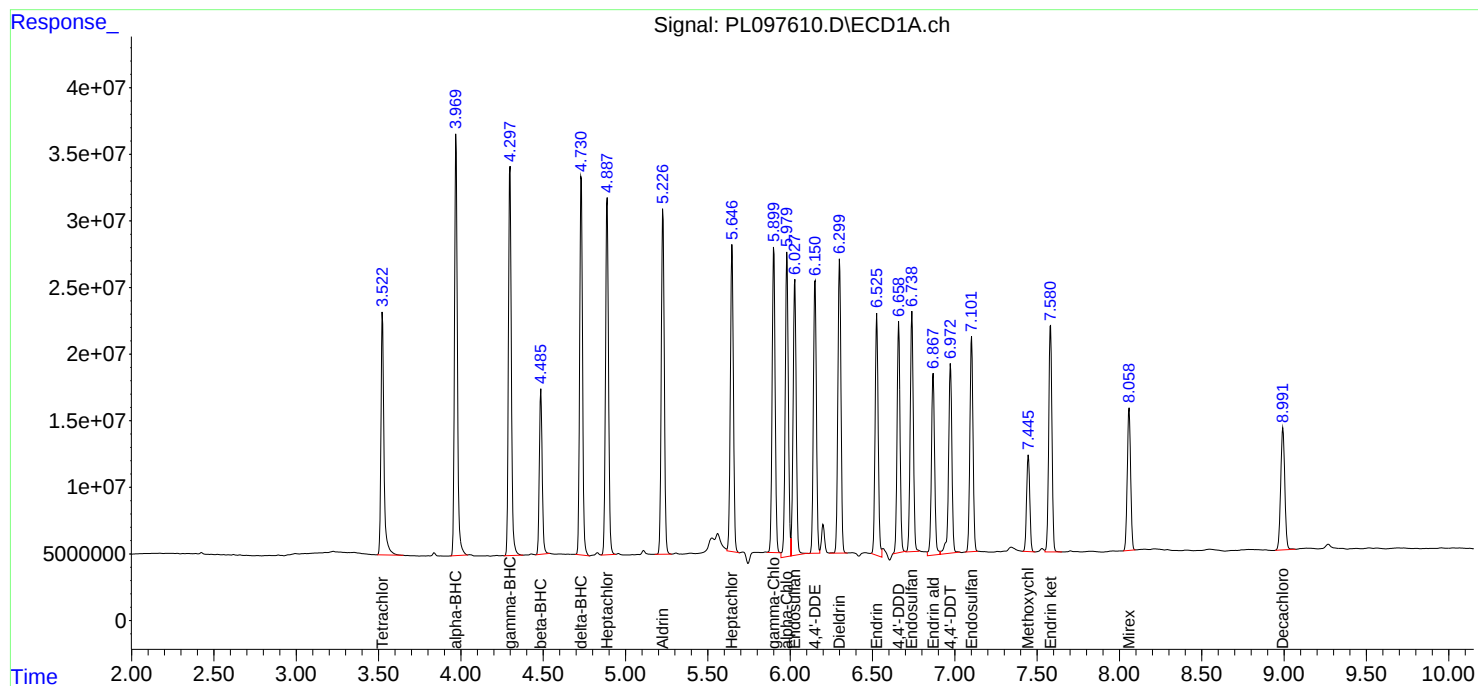
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

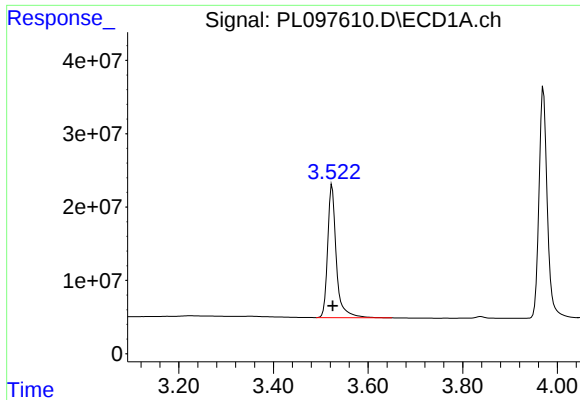
Manual Integrations
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Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 07:21:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





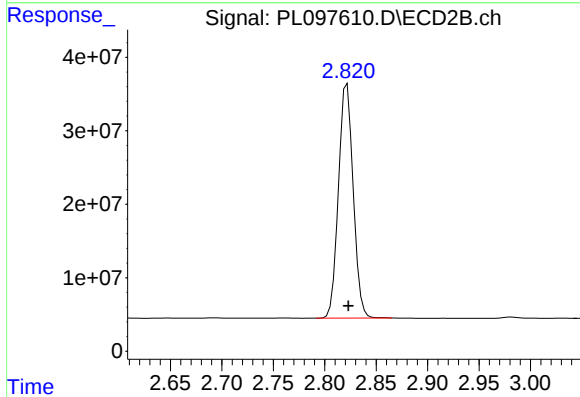
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.001 min
Response: 230303162
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

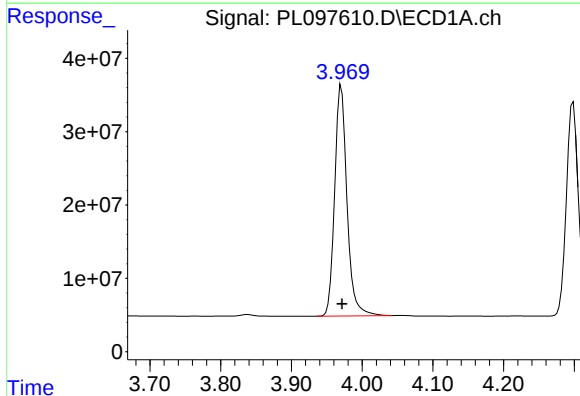
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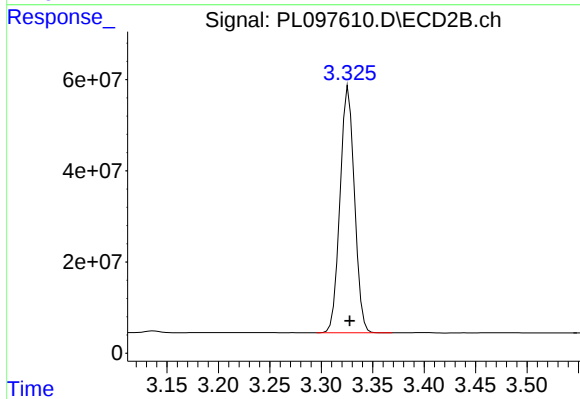
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 317551044
Conc: 52.17 ng/ml



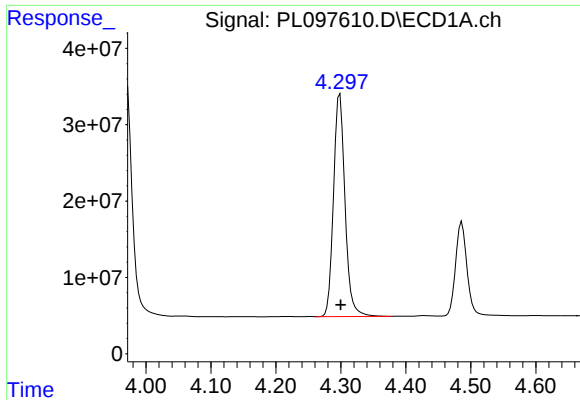
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: -0.001 min
Response: 381127409
Conc: 56.50 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.001 min
Response: 526305224
Conc: 53.34 ng/ml



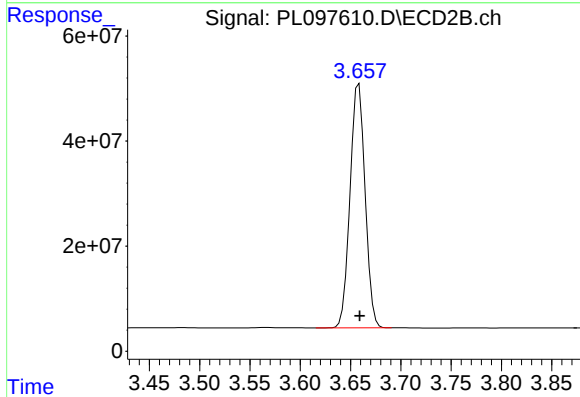
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 358163162
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

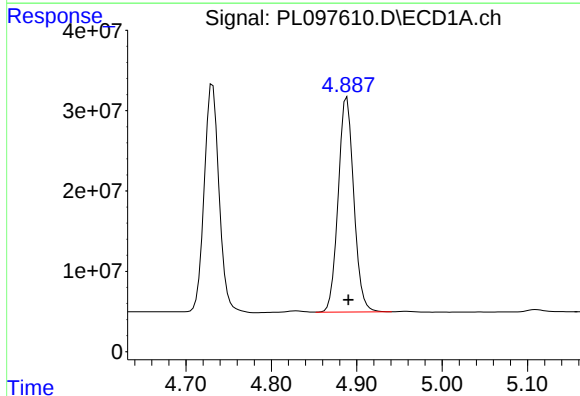
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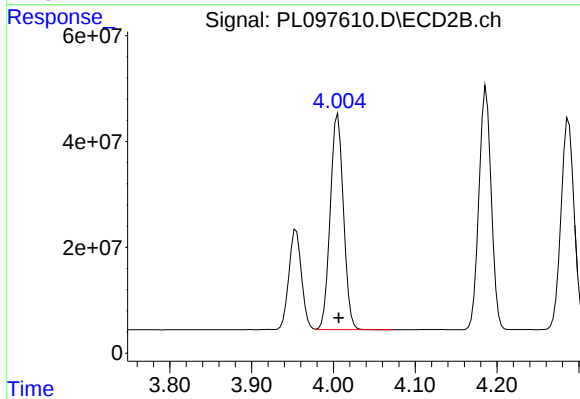
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 483376823
Conc: 52.61 ng/ml



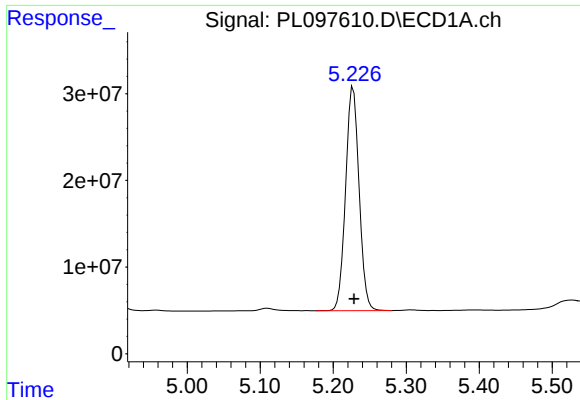
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 339729817
Conc: 52.67 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 458119387
Conc: 49.84 ng/ml



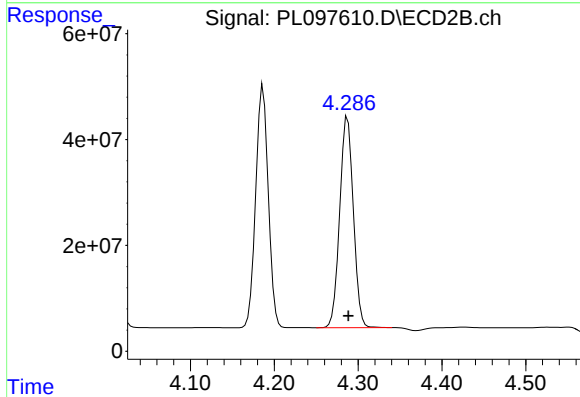
#5 Aldrin

R.T.: 5.227 min
Delta R.T.: -0.001 min
Response: 331299296
Conc: 55.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

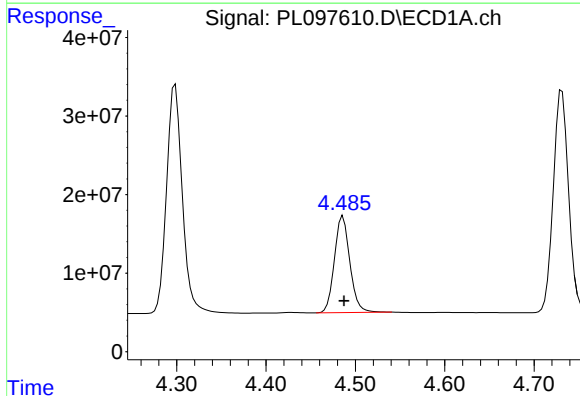
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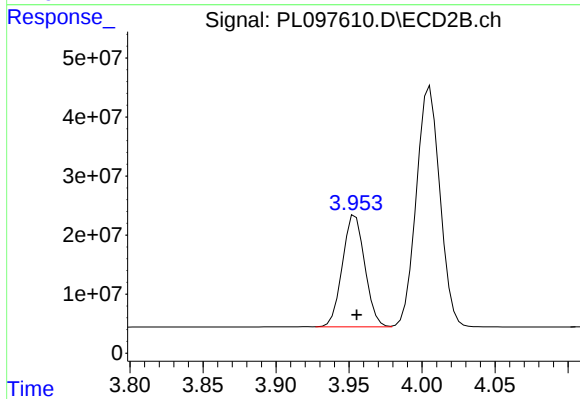
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.001 min
Response: 451088842
Conc: 52.02 ng/ml



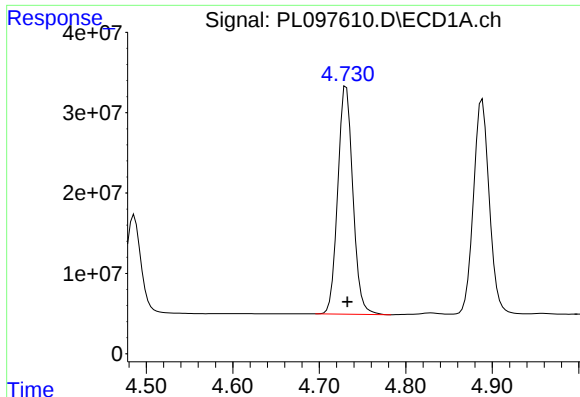
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 147931755
Conc: 57.22 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 201503707
Conc: 50.65 ng/ml



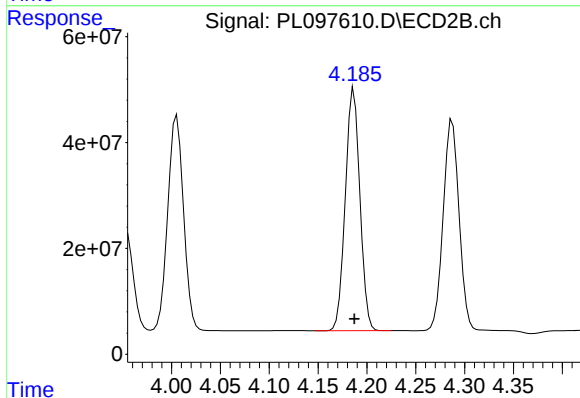
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.001 min
Response: 342218173
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

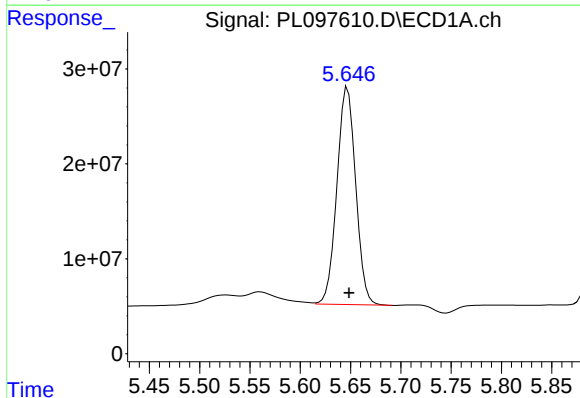
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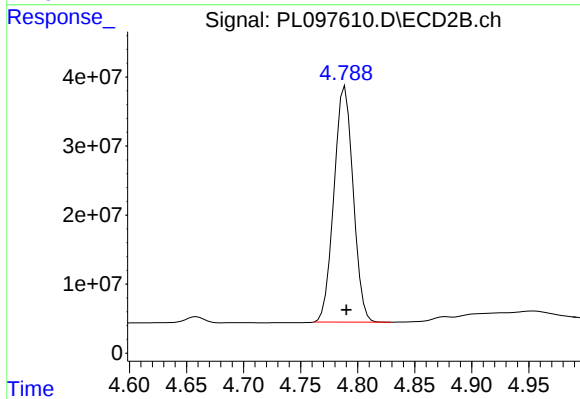
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 476211860
Conc: 52.71 ng/ml



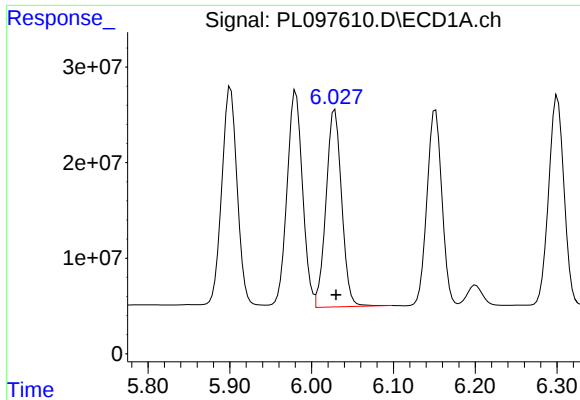
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 297172828
Conc: 51.04 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 399663889
Conc: 50.60 ng/ml



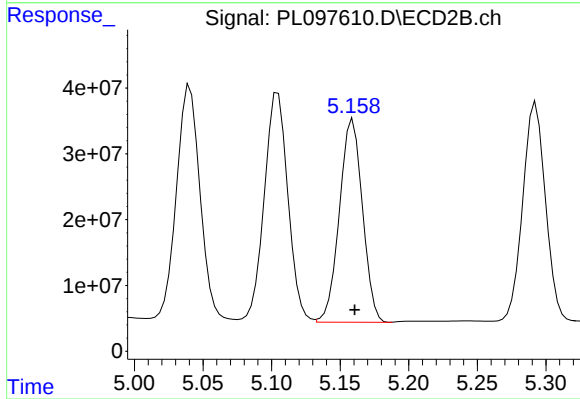
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 274890793
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

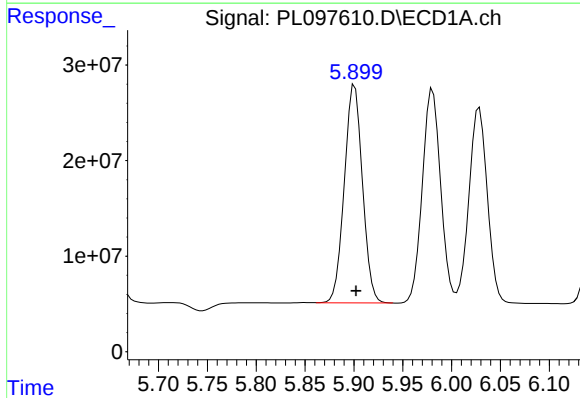
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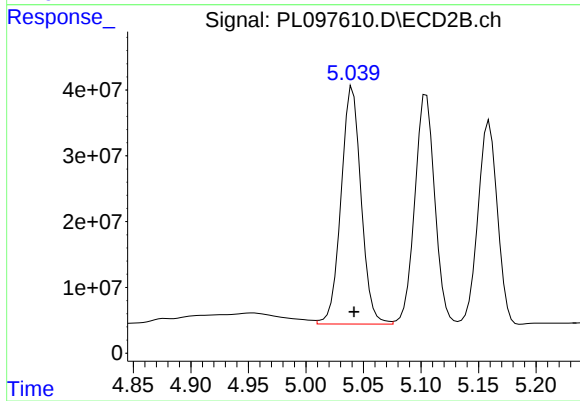
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 361451484
Conc: 49.01 ng/ml



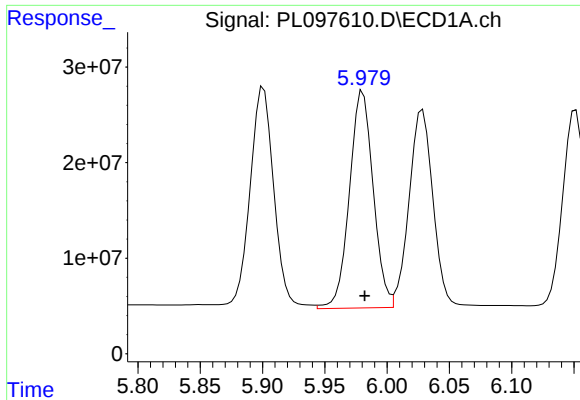
#10 gamma-Chlordane

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 295441562
Conc: 54.44 ng/ml m



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 438941417
Conc: 50.49 ng/ml



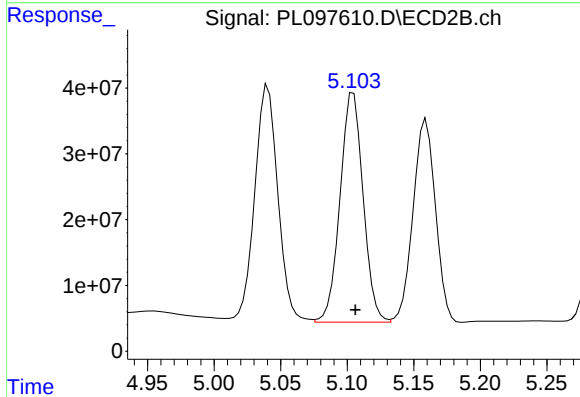
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 303176880
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

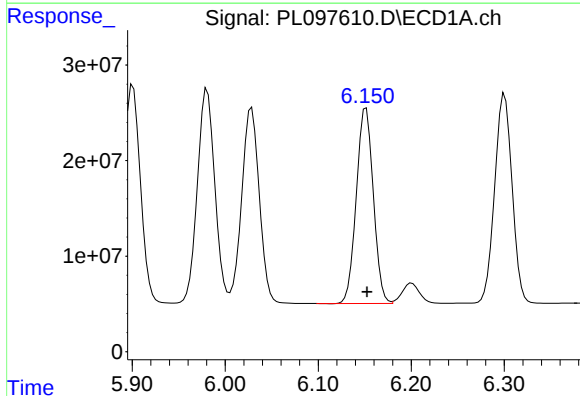
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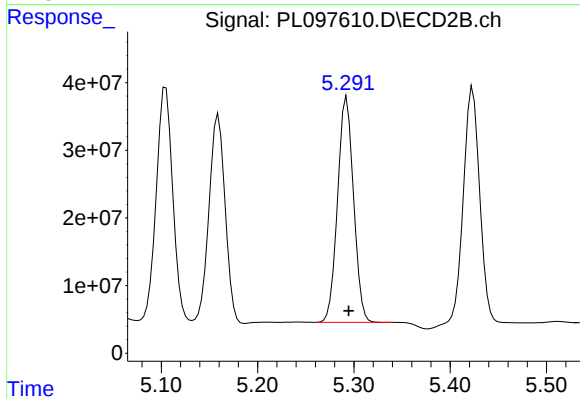
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.001 min
Response: 421404917
Conc: 50.61 ng/ml



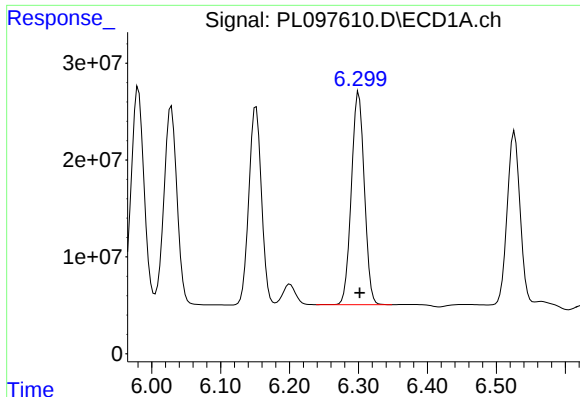
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 259856196
Conc: 55.80 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 384122832
Conc: 50.59 ng/ml



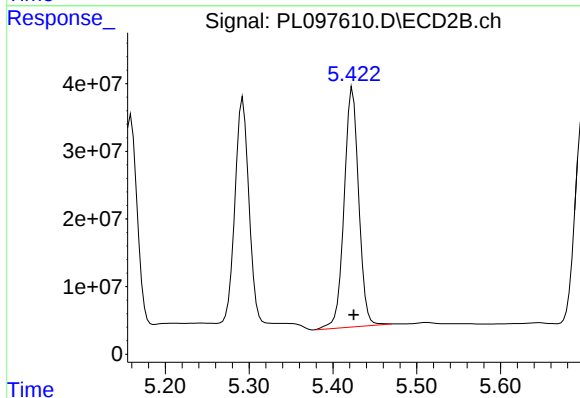
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 286463069
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

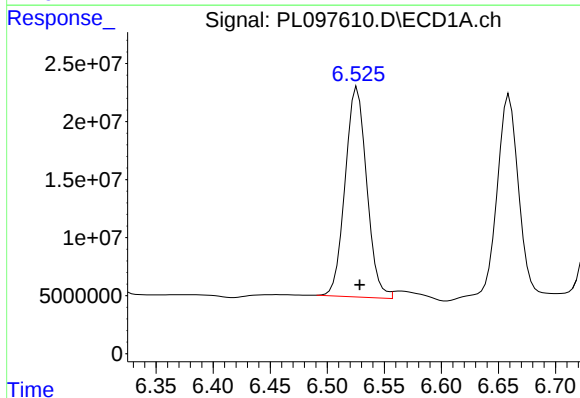
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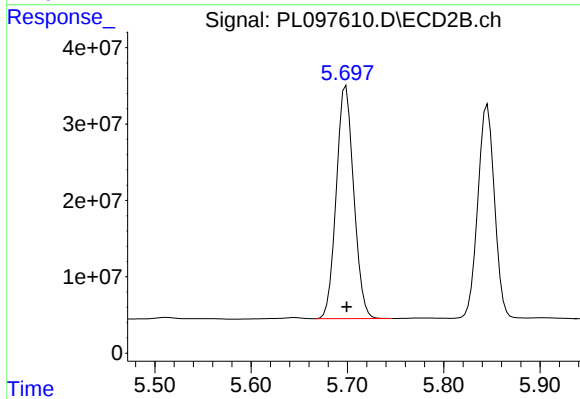
#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: -0.002 min
Response: 429636536
Conc: 51.96 ng/ml



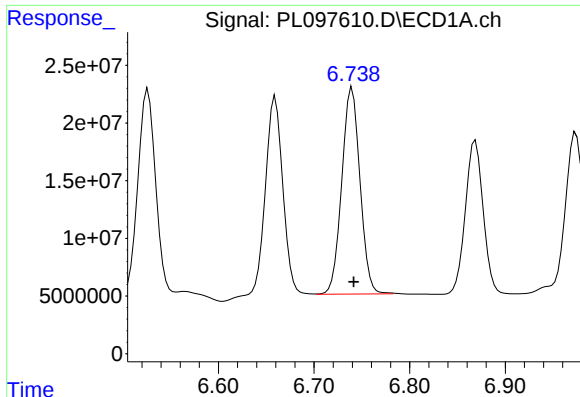
#14 Endrin

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 237872371
Conc: 53.16 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 383339519
Conc: 51.79 ng/ml



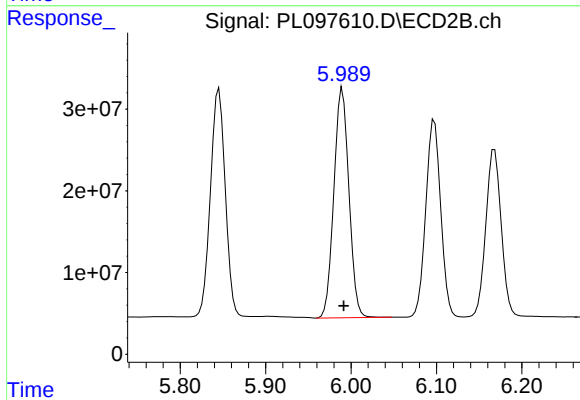
#15 Endosulfan II

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 237941219
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

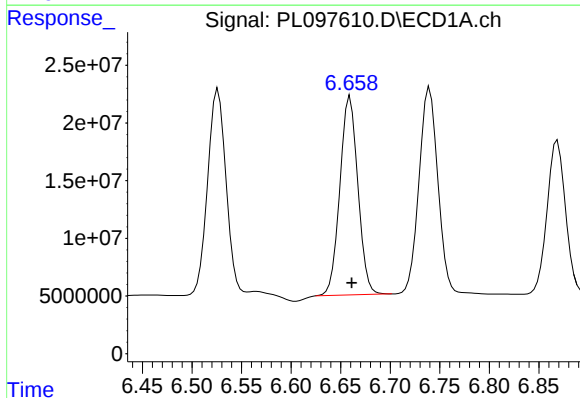
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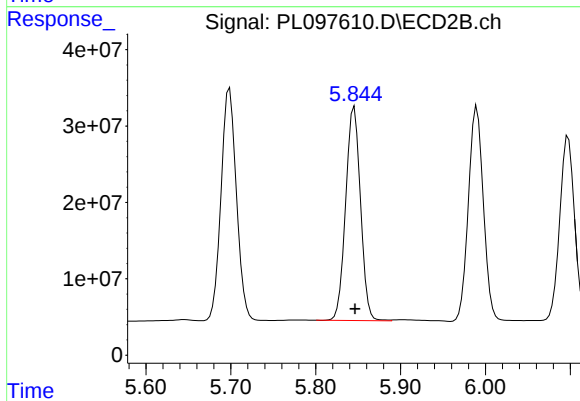
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 344325507
Conc: 49.87 ng/ml



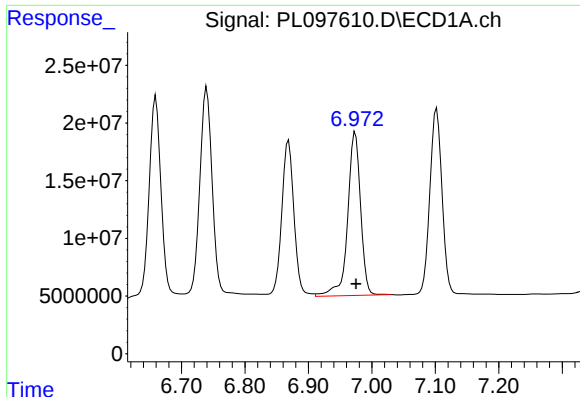
#16 4,4'-DDD

R.T.: 6.658 min
Delta R.T.: -0.003 min
Response: 217582194
Conc: 57.66 ng/ml m



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 339709329
Conc: 53.26 ng/ml



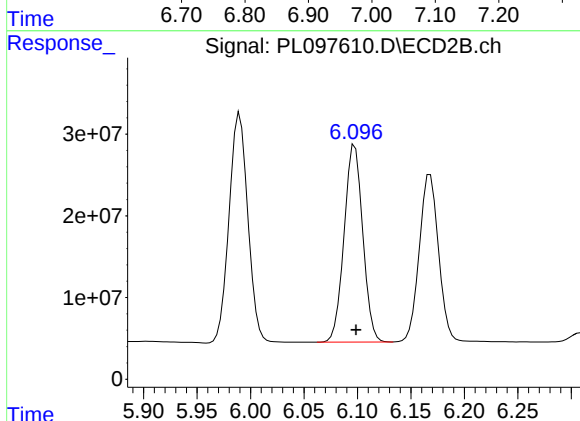
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: -0.001 min
Response: 201112053
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

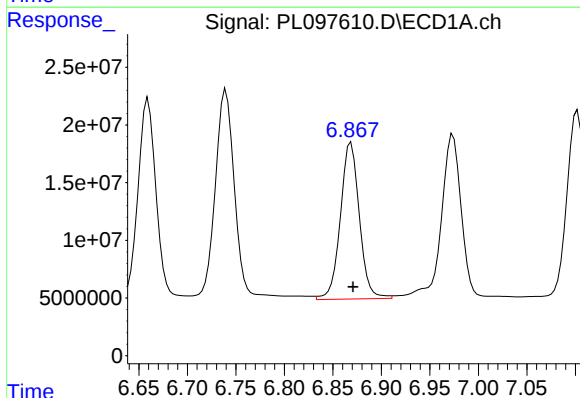
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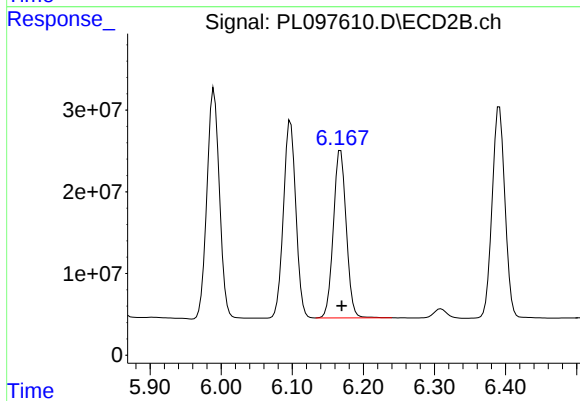
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 293892171
Conc: 44.11 ng/ml



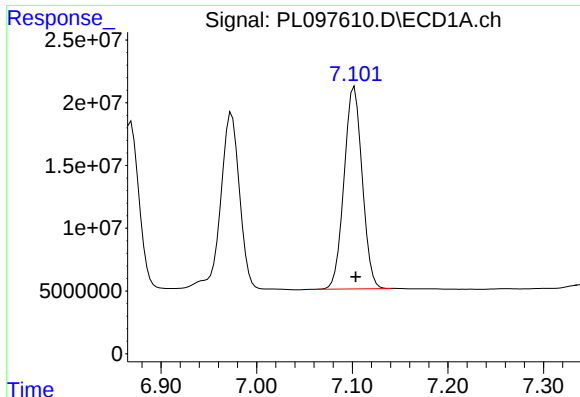
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 184936139
Conc: 56.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 258226788
Conc: 44.84 ng/ml



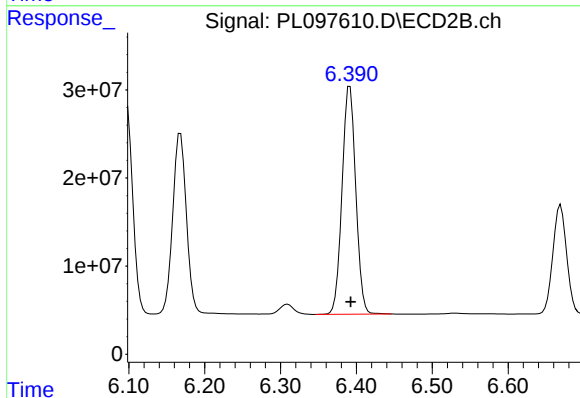
#19 Endosulfan Sulfate

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 212784685
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

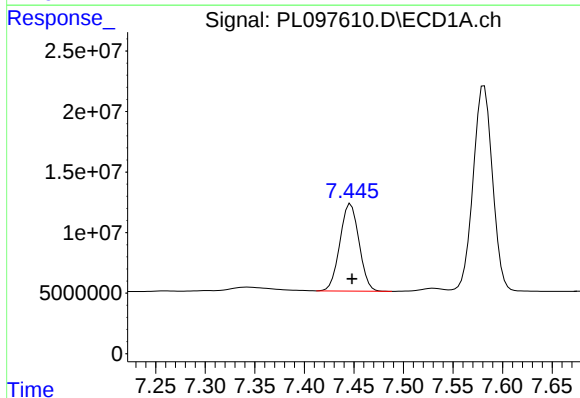
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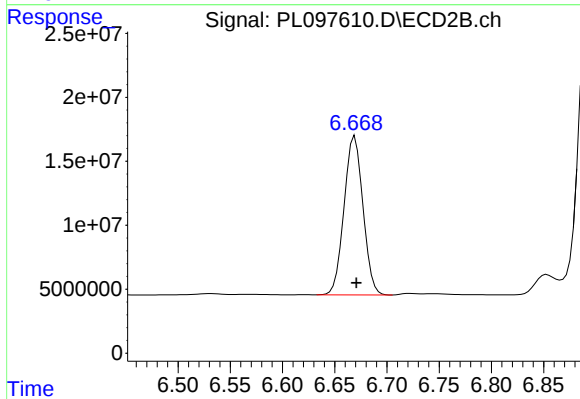
#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 325043426
Conc: 48.82 ng/ml



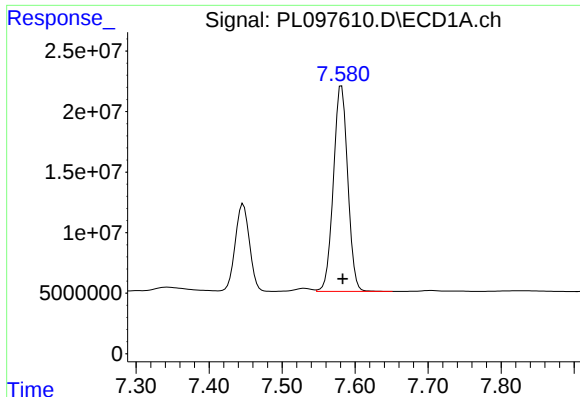
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 96811752
Conc: 46.34 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 156247679
Conc: 42.86 ng/ml



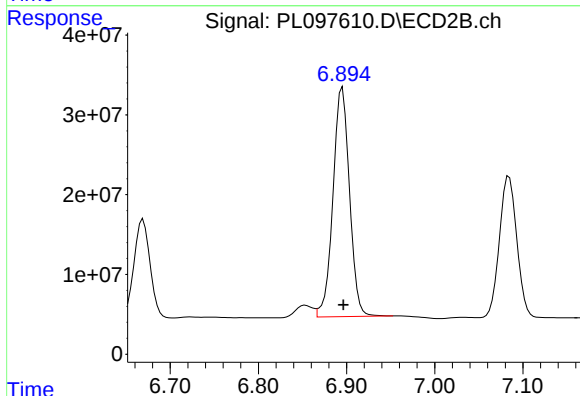
#21 Endrin ketone

R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 231697323
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

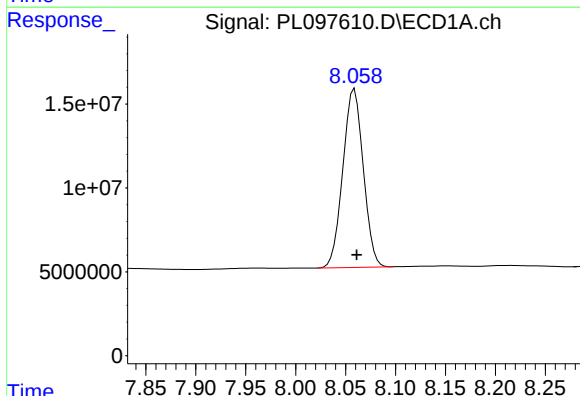
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



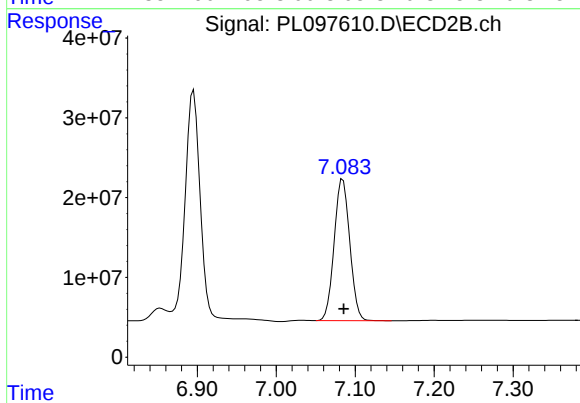
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 374990655
Conc: 47.47 ng/ml



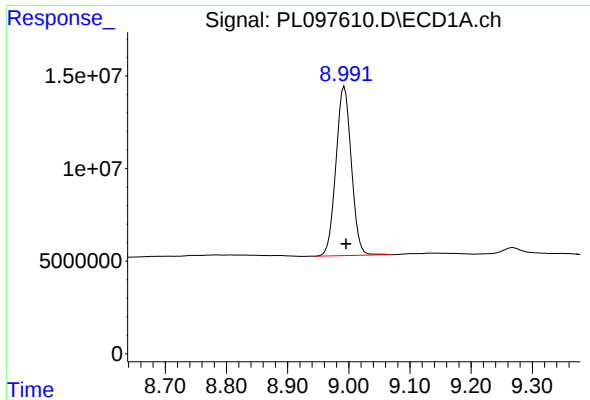
#22 Mirex

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 151600990
Conc: 48.79 ng/ml



#22 Mirex

R.T.: 7.084 min
Delta R.T.: -0.001 min
Response: 243458710
Conc: 45.51 ng/ml



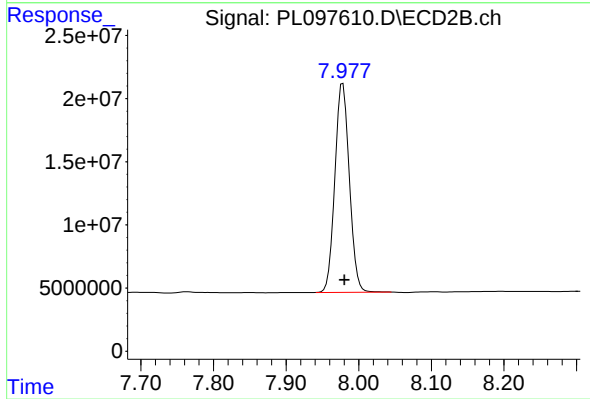
#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: -0.003 min
Response: 159796365
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 228870390
Conc: 44.11 ng/ml