

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 11:28
 Operator : AR\AJ
 Sample : PB169908BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169908BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:02:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.822	81132108	109.6E6	17.921	16.666
28)	SA Decachlor...	8.997	7.980	67341733	100.7E6	20.580	17.690
Target Compounds							
2)	A alpha-BHC	3.971	3.327	323.8E6	430.6E6	46.345	43.246
3)	MA gamma-BHC...	4.299	3.658	302.7E6	396.7E6	45.772	42.589
4)	MA Heptachlor	4.889	4.005	290.2E6	378.2E6	43.510	40.640
5)	MB Aldrin	5.228	4.286	289.7E6	372.9E6	45.735	42.969m
6)	B beta-BHC	4.487	3.954	125.6E6	165.2E6	46.080	40.659
7)	B delta-BHC	4.730	4.186	290.0E6	388.6E6	47.795m	42.274
8)	B Heptachlo...	5.647	4.789	266.1E6	345.4E6	46.310m	43.551
9)	A Endosulfan I	6.030	5.159	246.3E6	317.4E6	47.540	41.313
10)	B gamma-Chl...	5.901	5.041	268.3E6	371.3E6	47.462m	42.509
11)	B alpha-Chl...	5.982	5.104	269.2E6	355.4E6	47.404	42.822
12)	B 4,4'-DDE	6.153	5.293	235.7E6	330.3E6	49.474	42.976
13)	MA Dieldrin	6.301	5.423	260.7E6	362.5E6	47.556	44.330
14)	MA Endrin	6.529	5.699	214.6E6	354.4E6	46.528	47.193
15)	B Endosulfa...	6.740	5.990	218.0E6	306.8E6	44.331m	43.162
16)	A 4,4'-DDD	6.662	5.845	207.4E6	286.6E6	55.007	44.445
17)	MA 4,4'-DDT	6.976	6.098	180.9E6	249.9E6	42.790	36.110
18)	B Endrin al...	6.870	6.168	165.3E6	232.4E6	53.624m	43.538
19)	B Endosulfa...	7.104	6.391	202.2E6	296.9E6	49.533	43.349
20)	A Methoxychlor	7.448	6.668	87934914	136.5E6	42.167	36.207m
21)	B Endrin ke...	7.583	6.896	218.9E6	343.3E6	51.574	45.584
22)	Mirex	8.062	7.085	150.1E6	228.4E6	42.275	38.200

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 11:28
Operator : AR\AJ
Sample : PB169908BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB169908BS

Manual Integrations

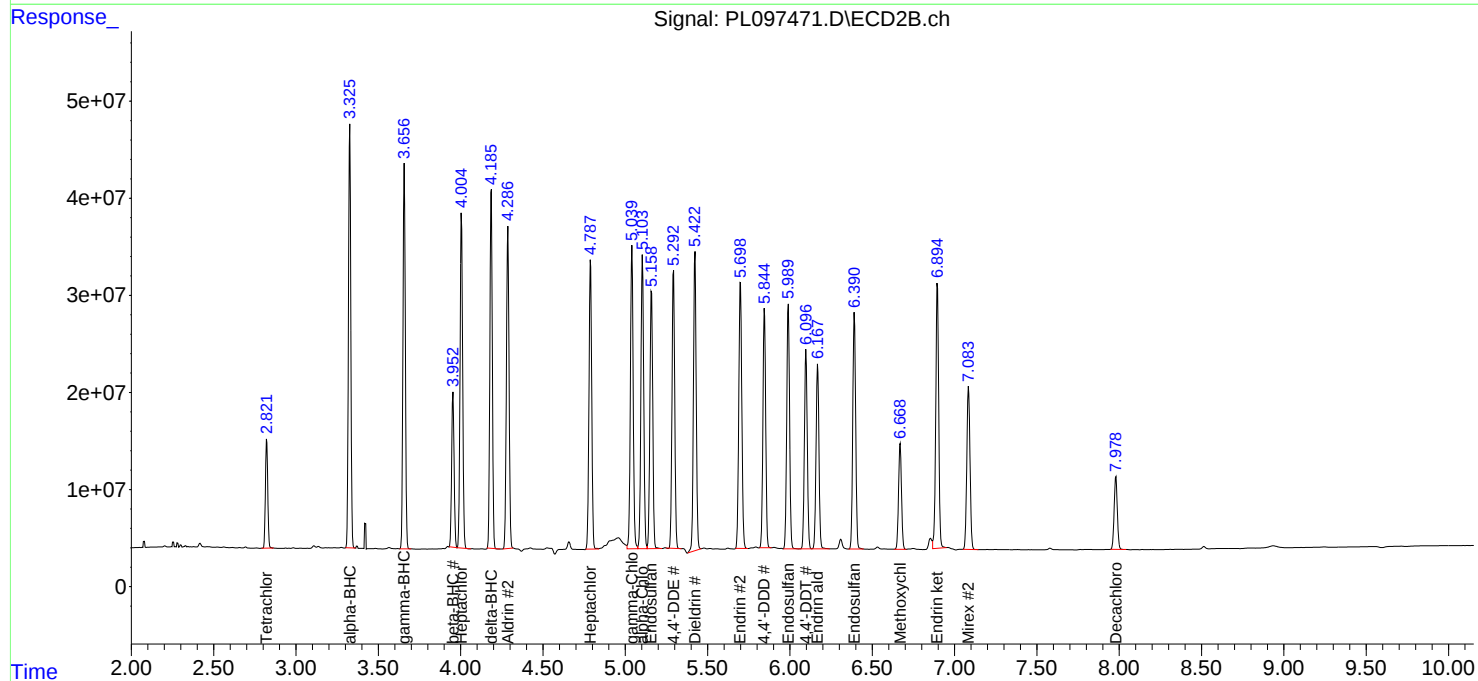
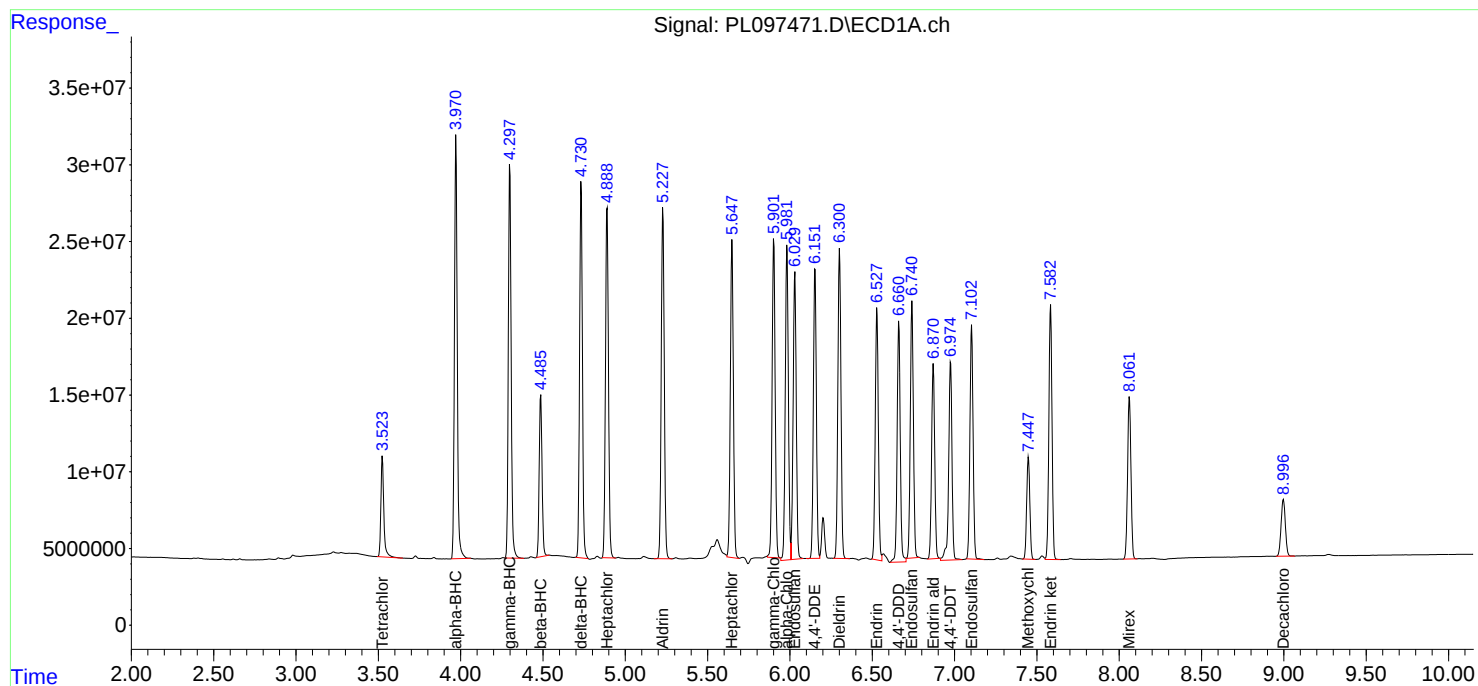
APPROVED

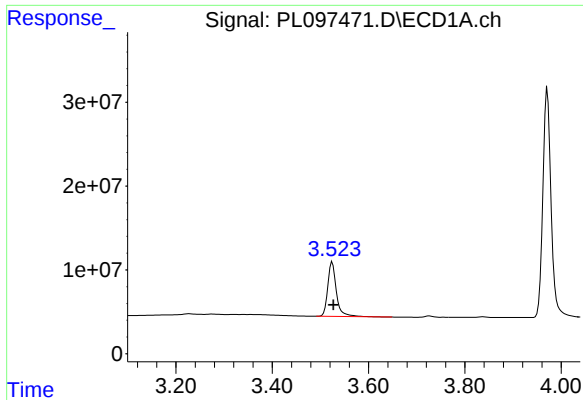
Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





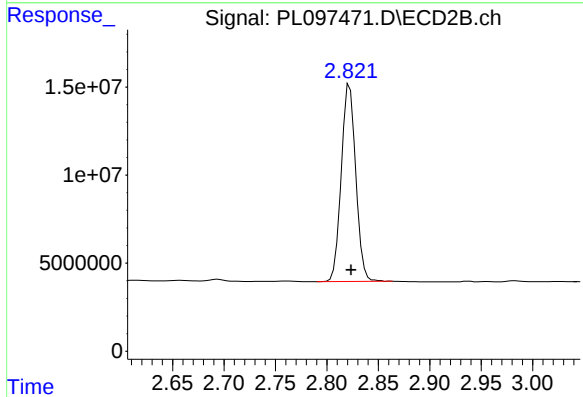
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 81132108
Conc: 17.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

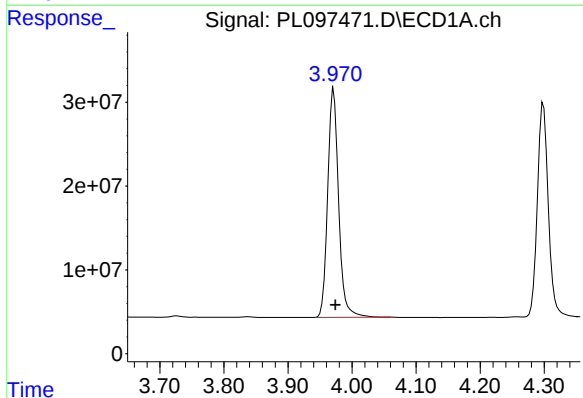
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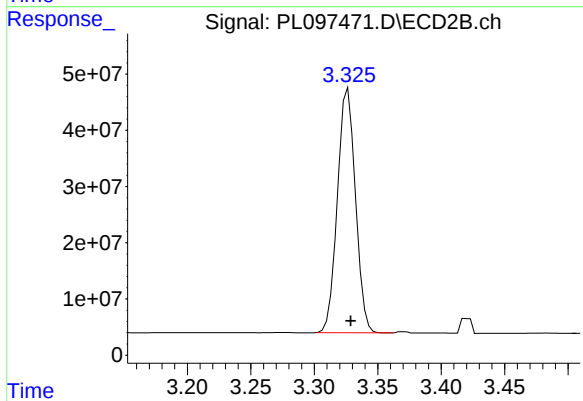
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 109586447
Conc: 16.67 ng/ml



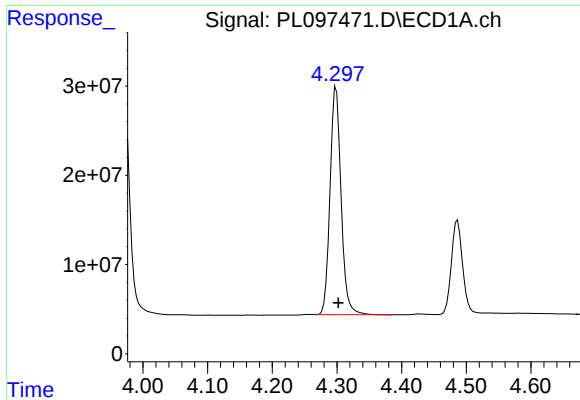
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: -0.003 min
Response: 323831332
Conc: 46.34 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 430628353
Conc: 43.25 ng/ml



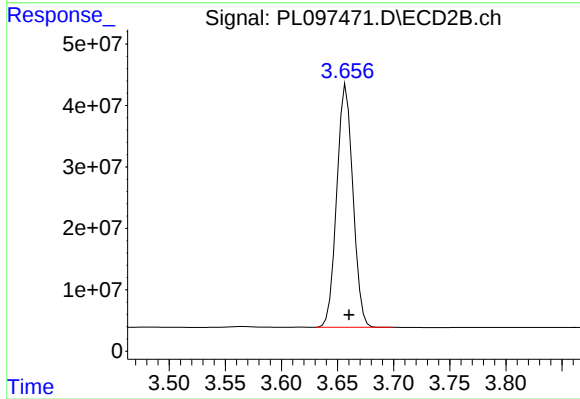
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: -0.003 min
Response: 302696258
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

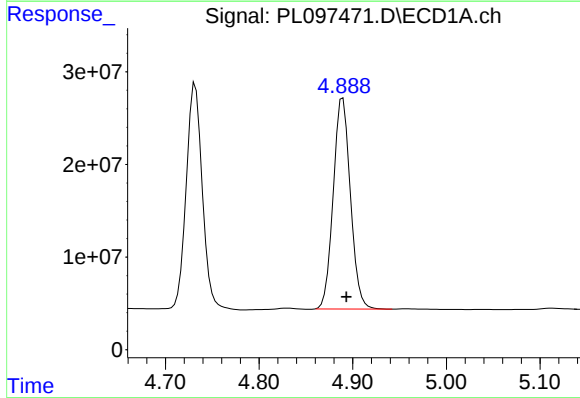
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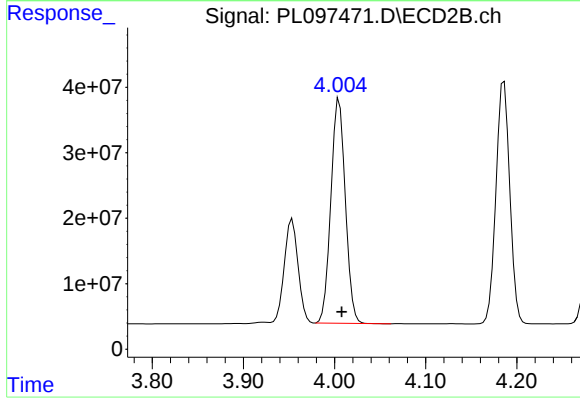
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 396697599
Conc: 42.59 ng/ml



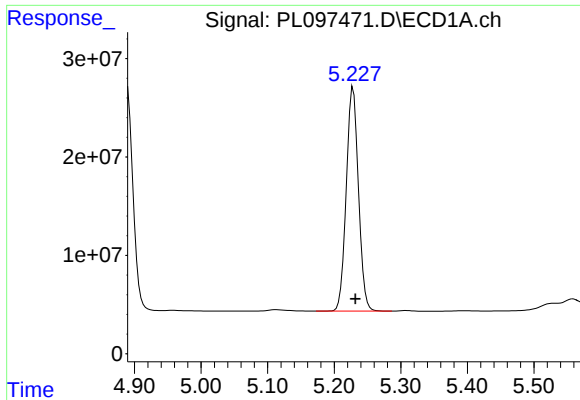
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.004 min
Response: 290217517
Conc: 43.51 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 378161326
Conc: 40.64 ng/ml



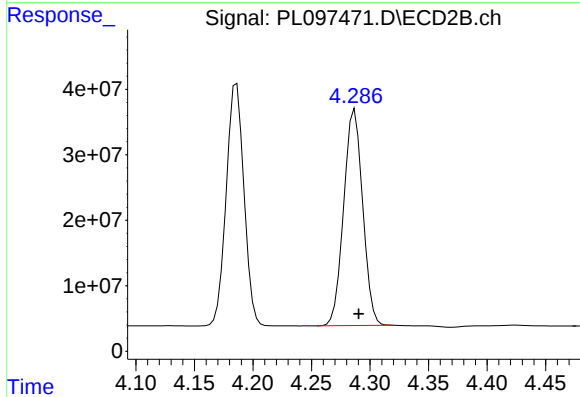
#5 Aldrin

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 289677535
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

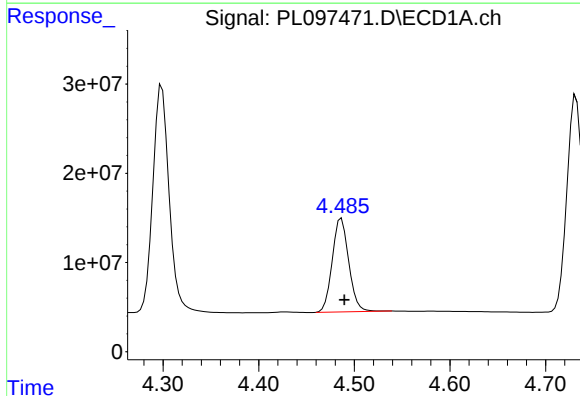
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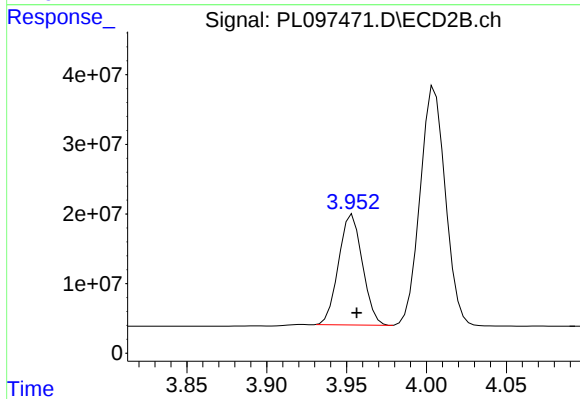
#5 Aldrin

R.T.: 4.286 min
Delta R.T.: -0.005 min
Response: 372944608
Conc: 42.97 ng/ml m



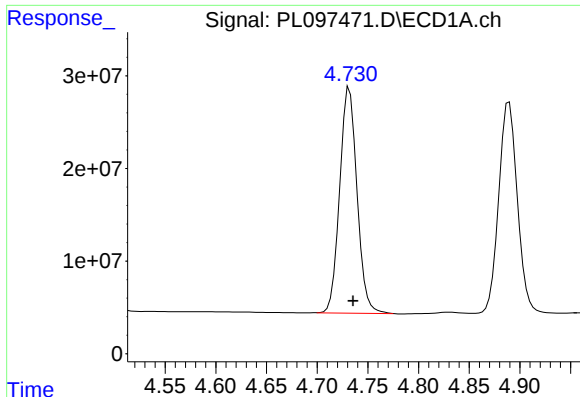
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 125623388
Conc: 46.08 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 165158659
Conc: 40.66 ng/ml



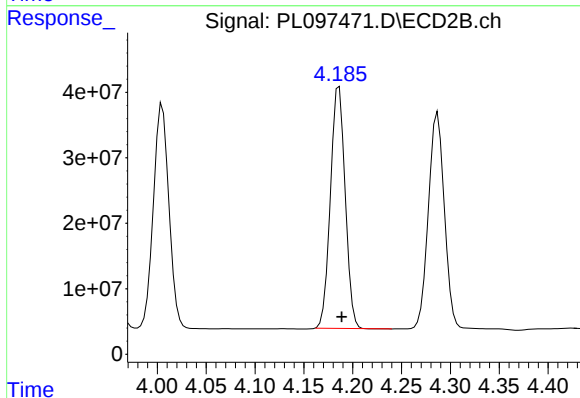
#7 delta-BHC

R.T.: 4.730 min
Delta R.T.: -0.005 min
Response: 290035541
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

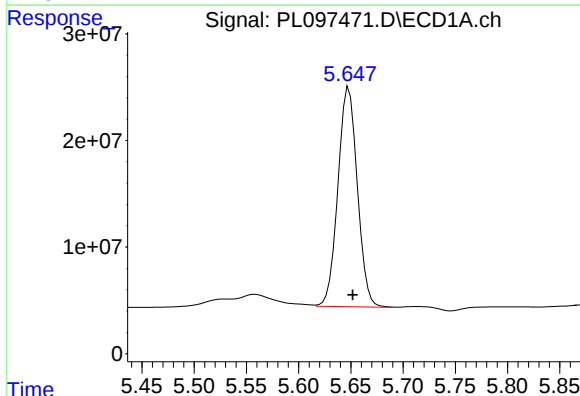
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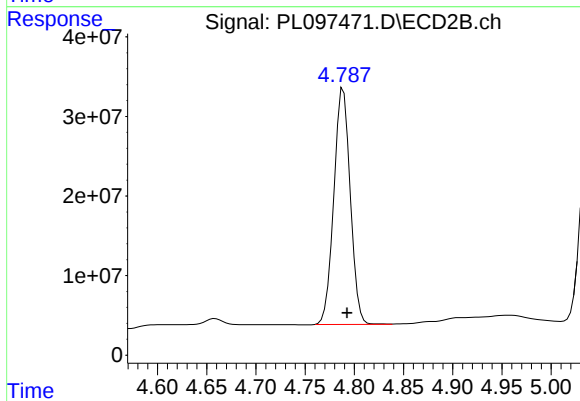
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 388590323
Conc: 42.27 ng/ml



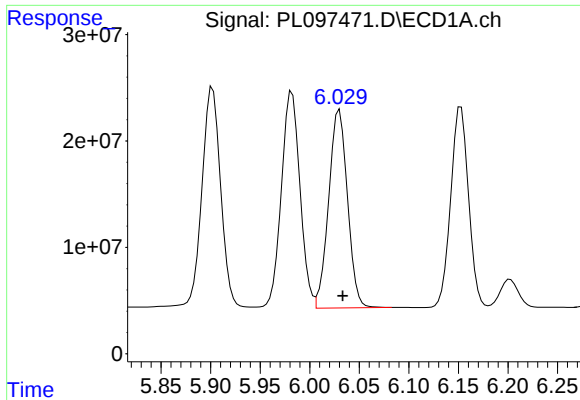
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 266141060
Conc: 46.31 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 345422856
Conc: 43.55 ng/ml



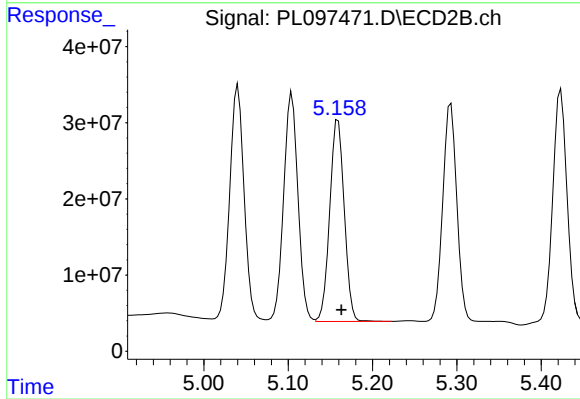
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 246318916
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

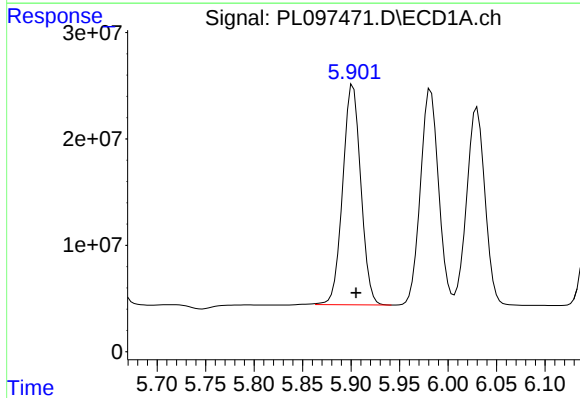
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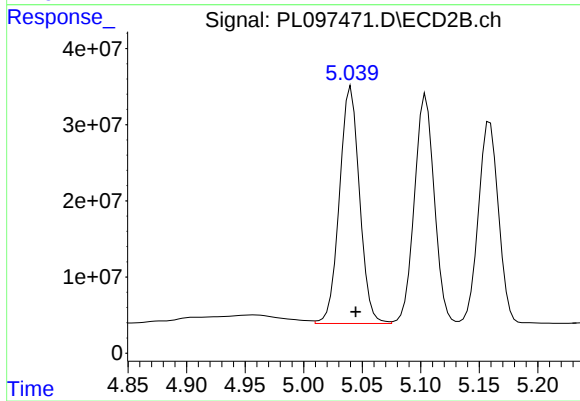
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 317435531
Conc: 41.31 ng/ml



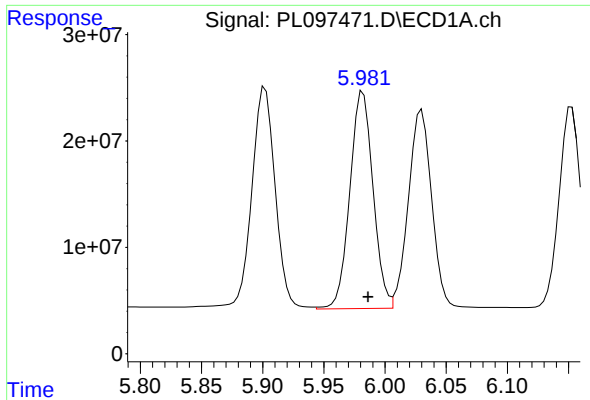
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.005 min
Response: 268326898
Conc: 47.46 ng/ml m



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 371269137
Conc: 42.51 ng/ml



#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 269248800
Conc: 47.40 ng/ml

Instrument :

ECD_L

ClientSampleId :

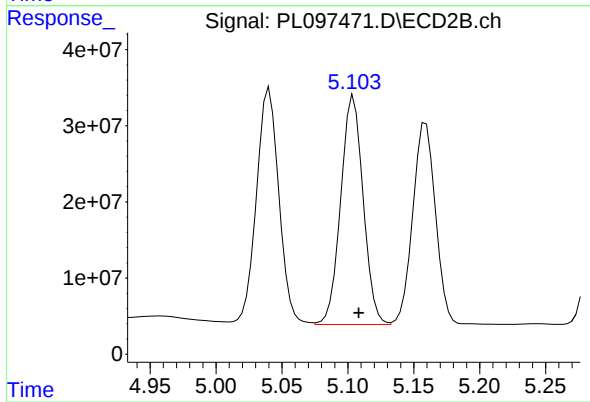
PB169908BS

Manual Integrations

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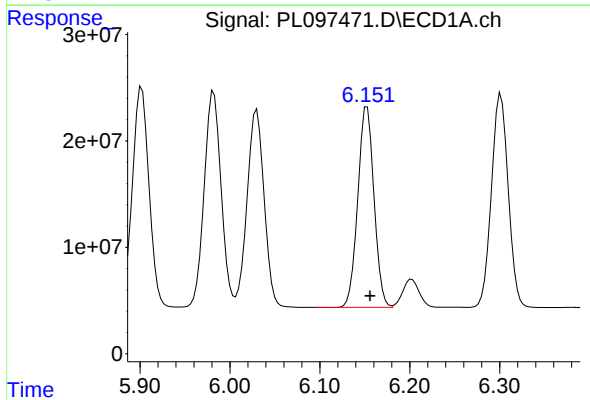
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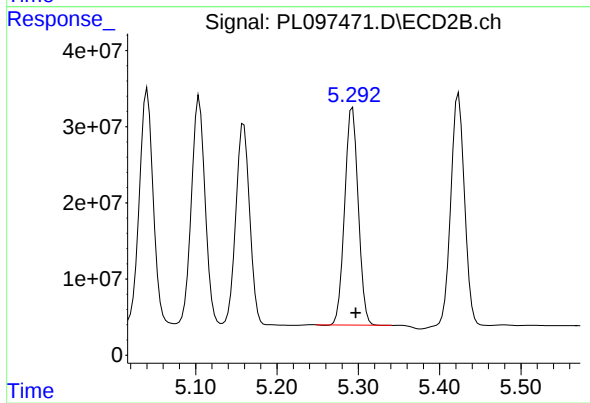
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.004 min
Response: 355446482
Conc: 42.82 ng/ml



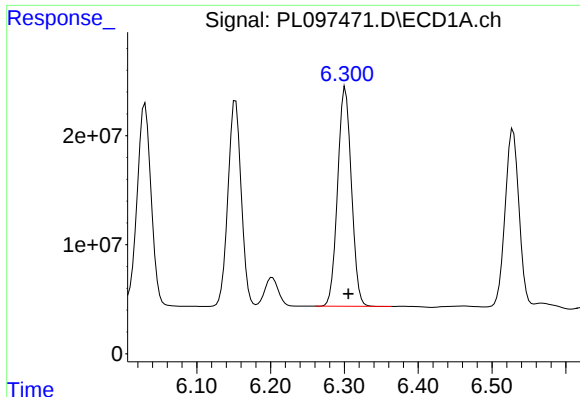
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 235728907
Conc: 49.47 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 330260319
Conc: 42.98 ng/ml



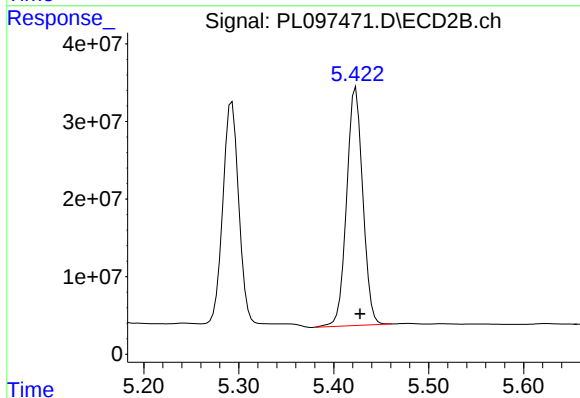
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 260709920
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

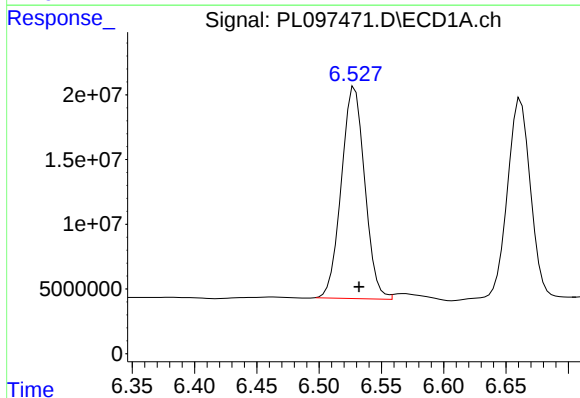
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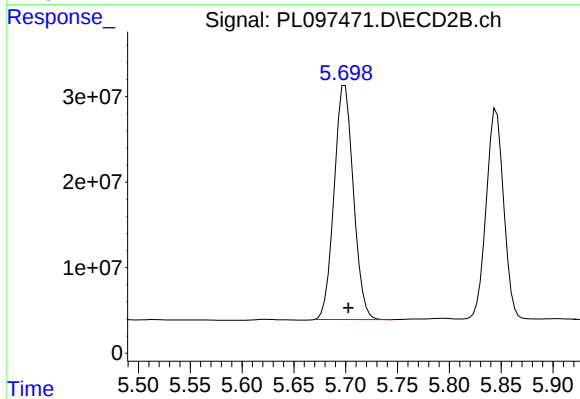
#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: -0.005 min
Response: 362479566
Conc: 44.33 ng/ml



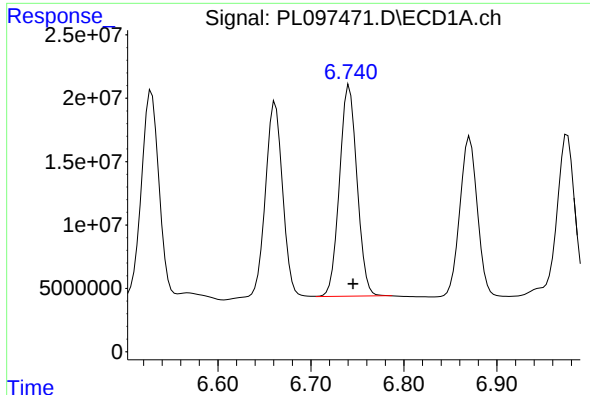
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.004 min
Response: 214639650
Conc: 46.53 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 354443407
Conc: 47.19 ng/ml



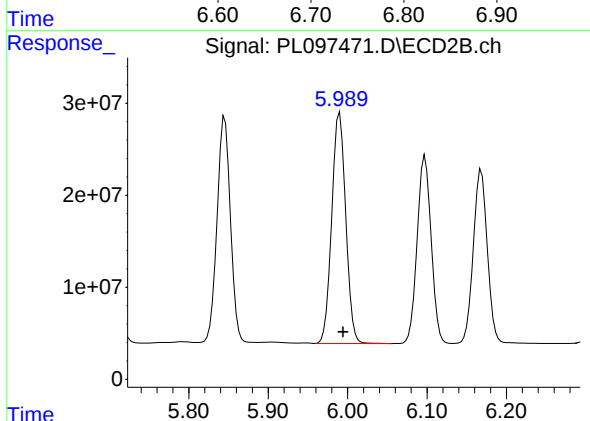
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 218036307
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

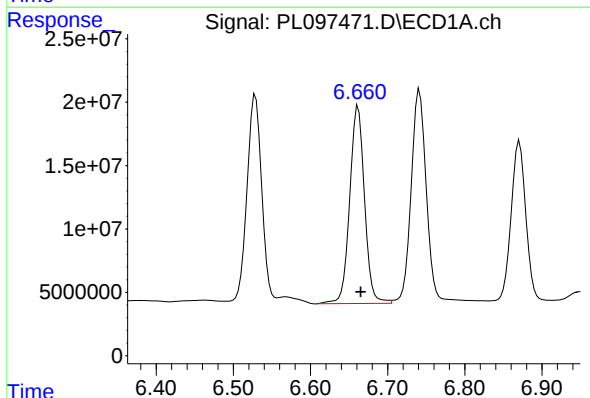
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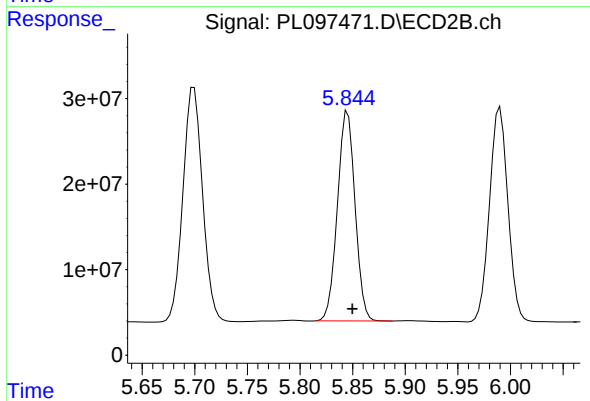
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 306848019
Conc: 43.16 ng/ml



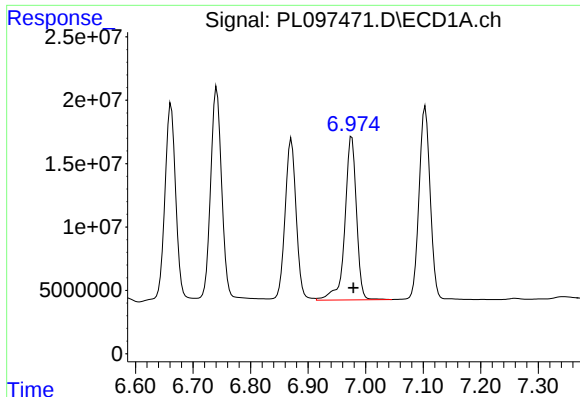
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 207407439
Conc: 55.01 ng/ml



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 286627308
Conc: 44.44 ng/ml



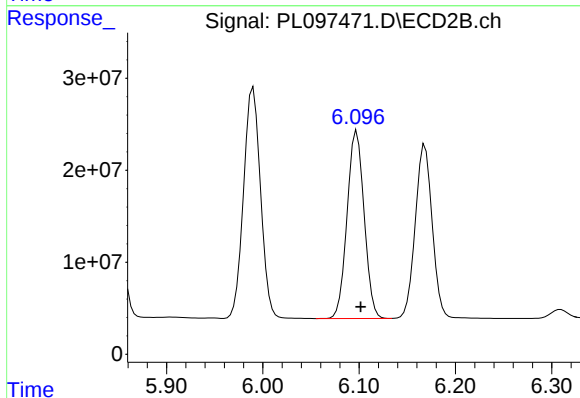
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 180879763
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

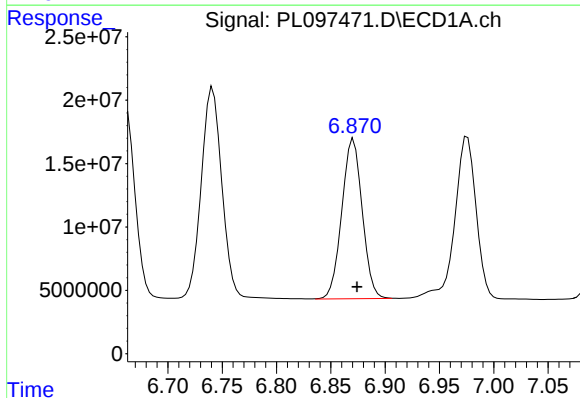
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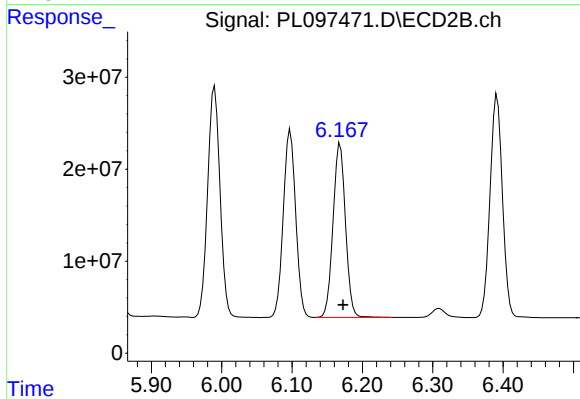
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 249898014
Conc: 36.11 ng/ml



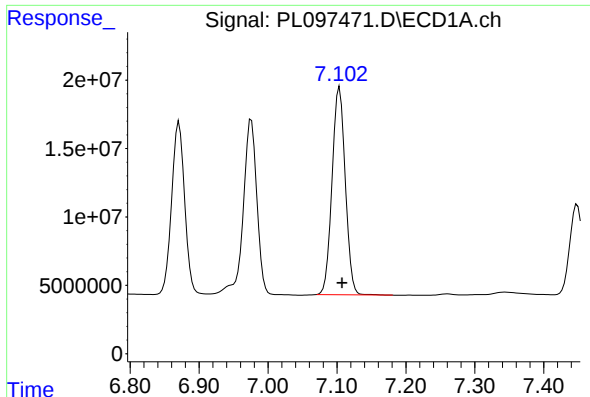
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 165311535
Conc: 53.62 ng/ml m



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.004 min
Response: 232377869
Conc: 43.54 ng/ml



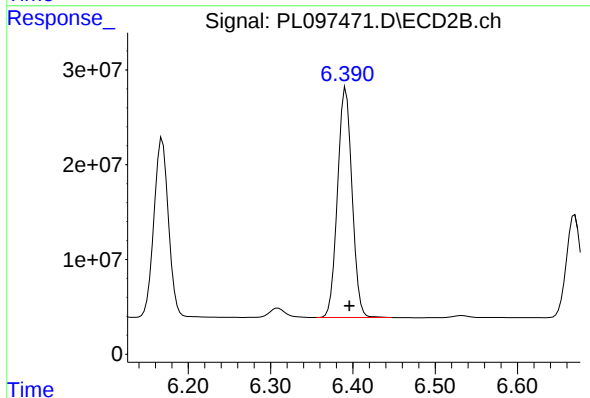
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 202229363
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

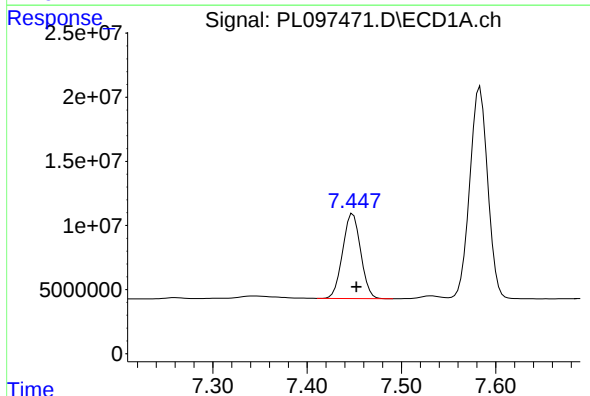
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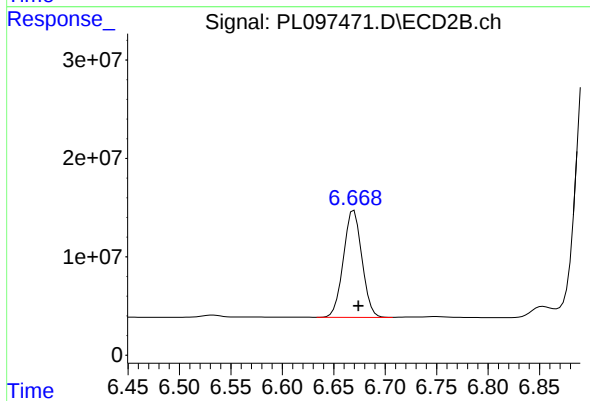
#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 296929837
Conc: 43.35 ng/ml



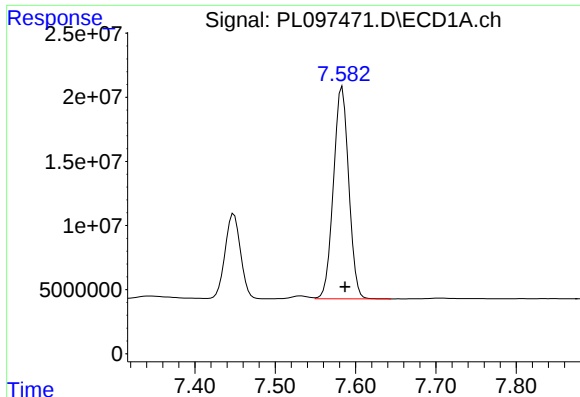
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 87934914
Conc: 42.17 ng/ml



#20 Methoxychlor

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 136482450
Conc: 36.21 ng/ml m



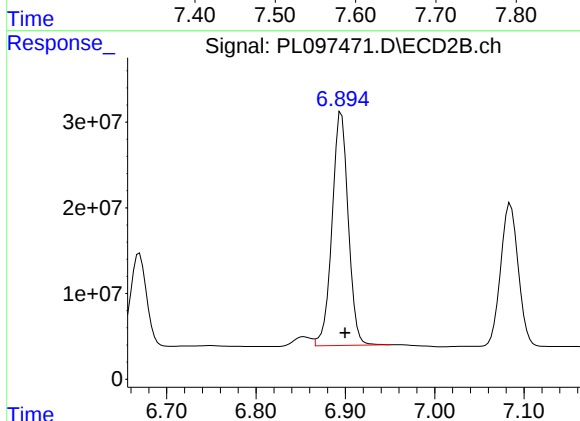
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 218899000
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

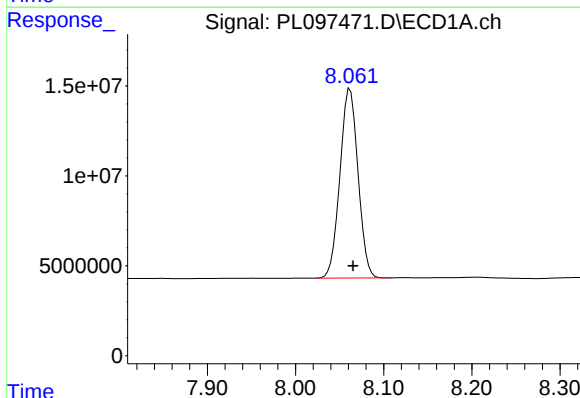
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



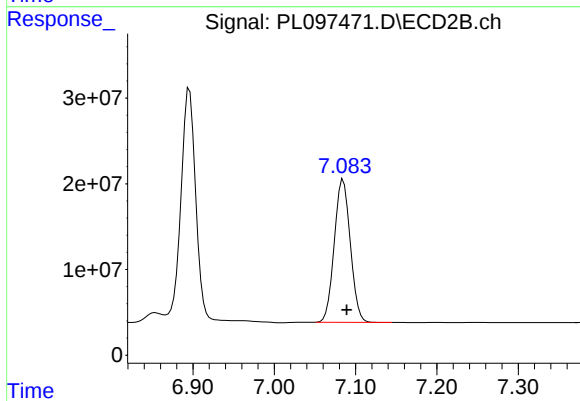
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 343259960
Conc: 45.58 ng/ml



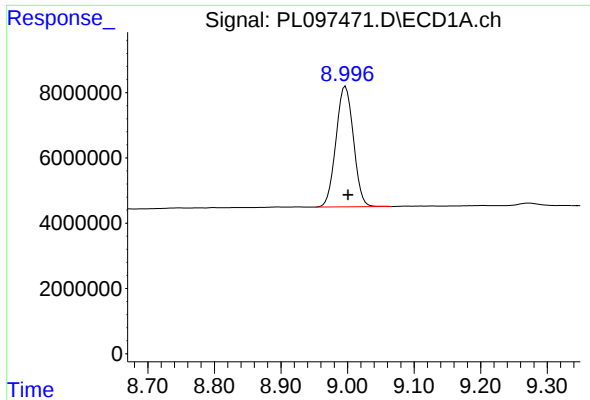
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 150088244
Conc: 42.27 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 228387250
Conc: 38.20 ng/ml



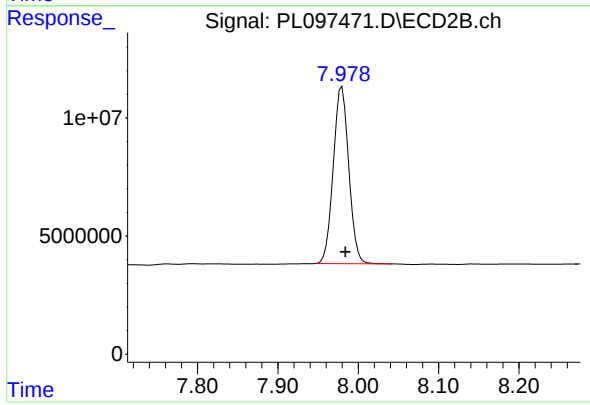
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 67341733
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169908BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 100685890
Conc: 17.69 ng/ml