

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 14:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:03:08 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...	3.526	2.824	201.7E6	277.9E6	44.550	42.265
28)	SA Decachlor...	8.997	7.981	153.0E6	232.9E6	46.757	40.924
Target Compounds							
2)	A alpha-BHC	3.972	3.328	340.7E6	475.1E6	48.756	47.713
3)	MA gamma-BHC...	4.300	3.660	320.0E6	436.6E6	48.395	46.868
4)	MA Heptachlor	4.891	4.007	310.7E6	422.8E6	46.587	45.437
5)	MB Aldrin	5.229	4.289	305.0E6	409.0E6	48.147	47.128
6)	B beta-BHC	4.488	3.955	131.2E6	180.4E6	48.115	44.408
7)	B delta-BHC	4.731	4.188	304.6E6	424.6E6	50.196m	46.196
8)	B Heptachlo...	5.647	4.791	288.6E6	375.2E6	50.216m	47.304
9)	A Endosulfan I	6.029	5.161	254.9E6	331.2E6	49.198m	43.103
10)	B gamma-Chl...	5.902	5.041	280.7E6	396.3E6	49.642m	45.375m
11)	B alpha-Chl...	5.982	5.106	279.5E6	394.1E6	49.204m	47.474
12)	B 4,4'-DDE	6.154	5.295	245.9E6	355.3E6	51.602	46.240
13)	MA Dieldrin	6.303	5.424	277.5E6	393.0E6	50.614	48.068m
14)	MA Endrin	6.528	5.701	229.0E6	413.0E6	49.638m	54.989
15)	B Endosulfa...	6.741	5.992	233.6E6	335.2E6	47.491m	47.144
16)	A 4,4'-DDD	6.661	5.847	207.5E6	313.5E6	55.037m	48.606
17)	MA 4,4'-DDT	6.977	6.099	210.6E6	287.9E6	49.821	41.600
18)	B Endrin al...	6.870	6.170	169.0E6	246.2E6	54.811m	46.135
19)	B Endosulfa...	7.105	6.393	212.9E6	322.0E6	52.152	47.010
20)	A Methoxychlor	7.449	6.671	98362222	156.4E6	47.168	41.501
21)	B Endrin ke...	7.584	6.896	229.9E6	392.6E6	54.157	52.140m
22)	Mirex	8.062	7.086	158.7E6	249.0E6	44.705	41.641

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 14:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

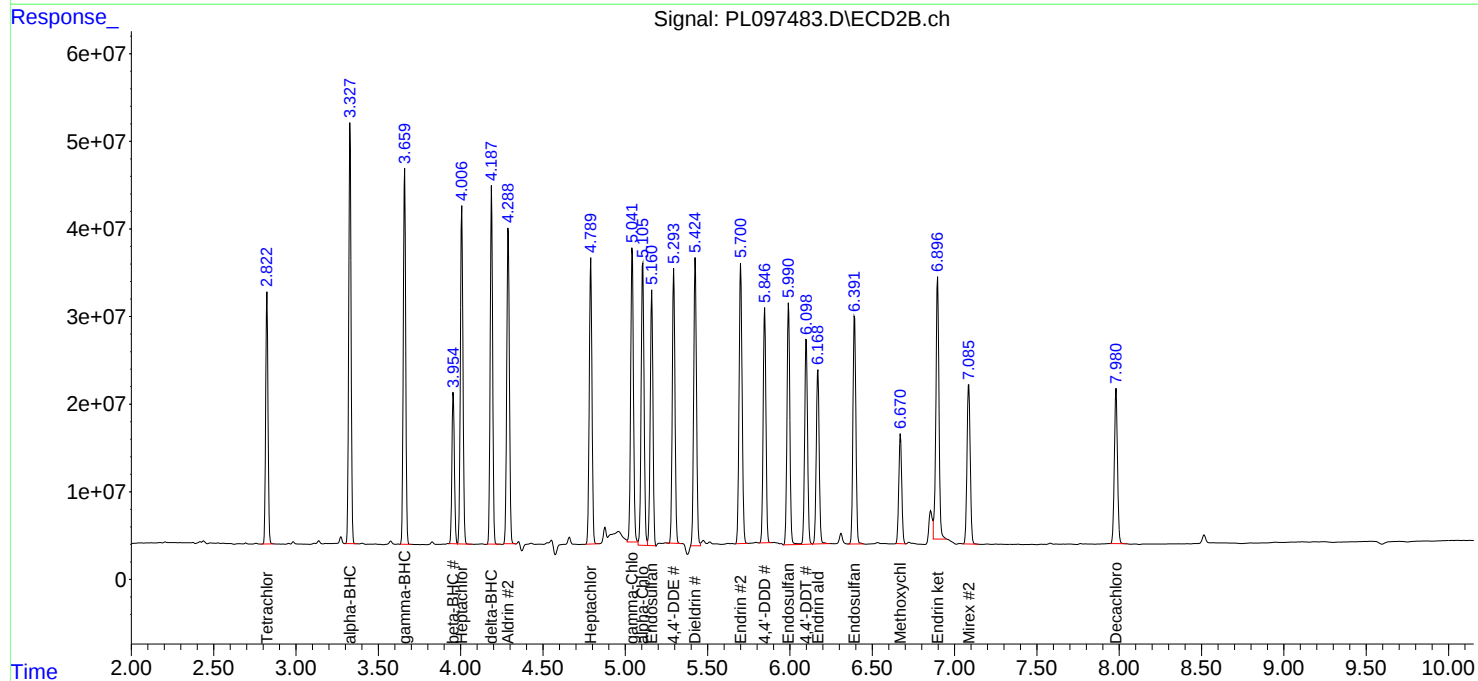
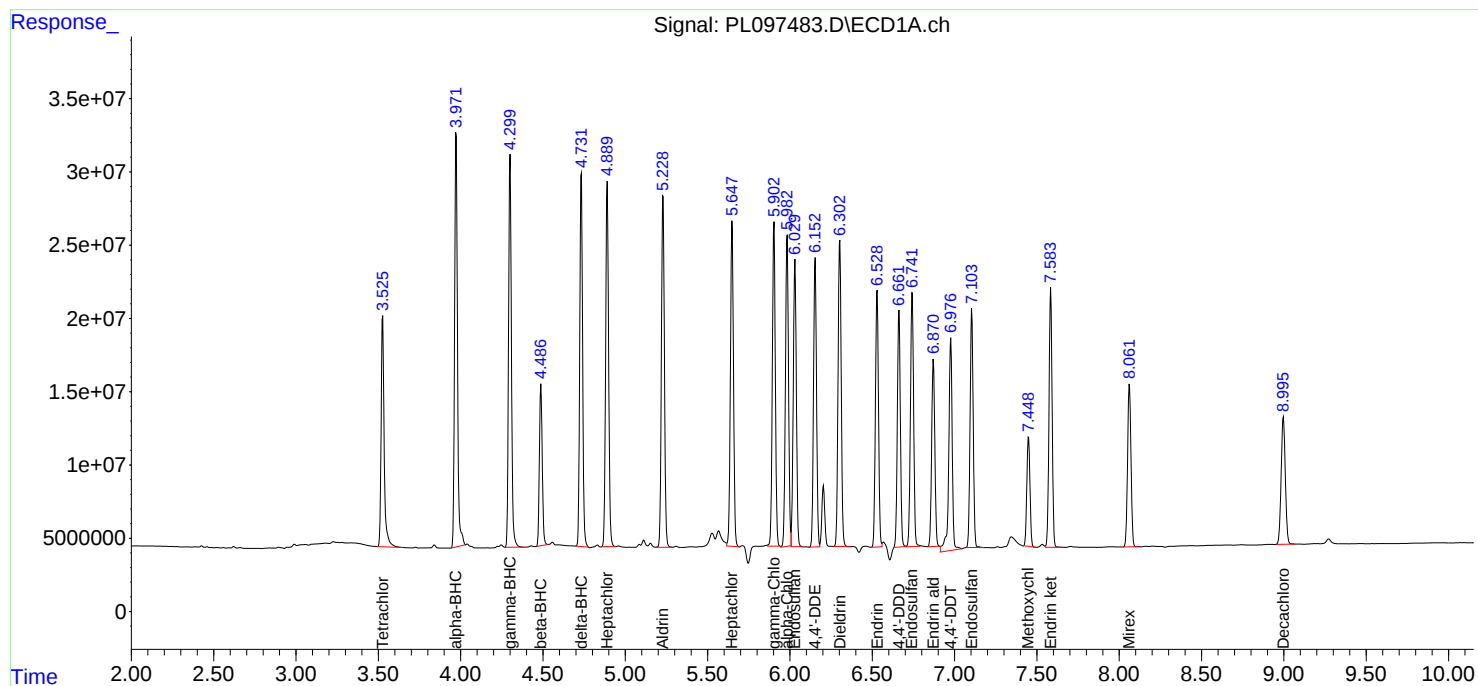
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

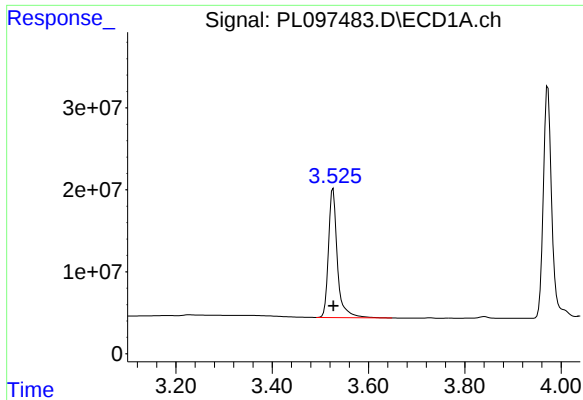
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:08 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





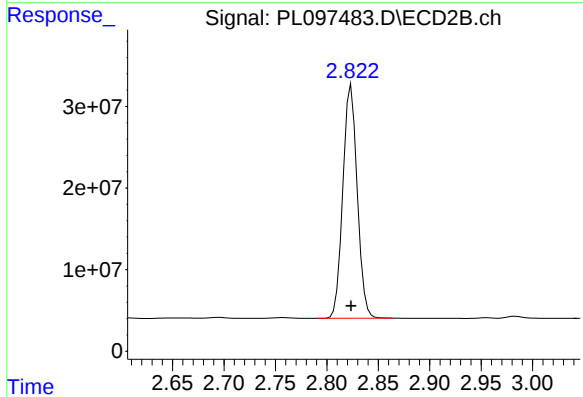
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 201683928
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

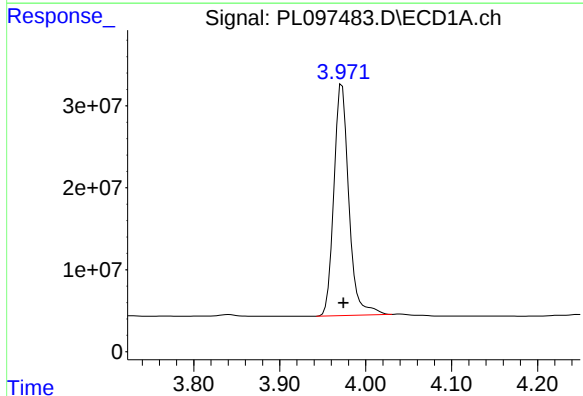
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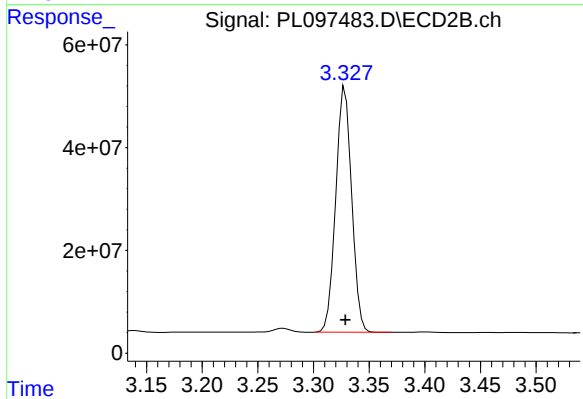
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 277918923
Conc: 42.27 ng/ml



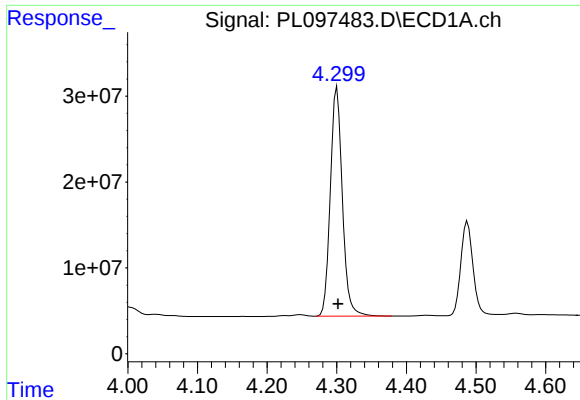
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 340680494
Conc: 48.76 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 475109486
Conc: 47.71 ng/ml



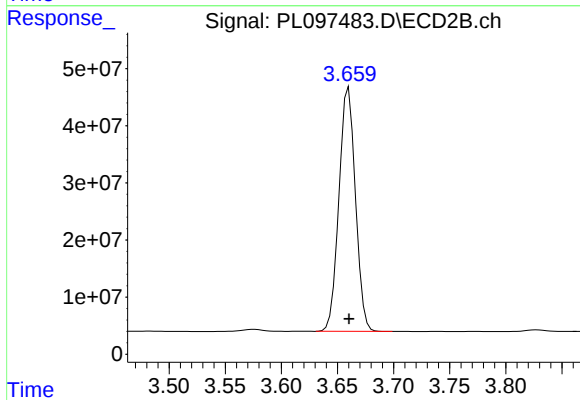
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 320042126
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

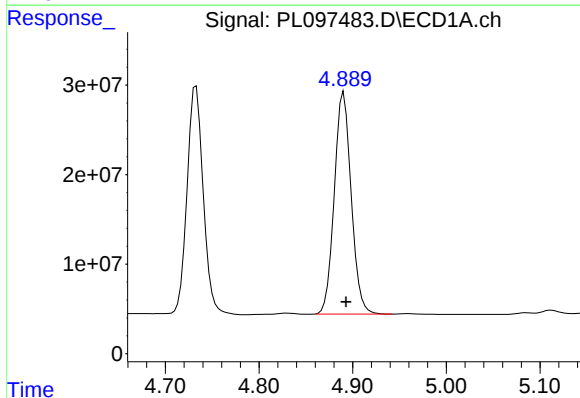
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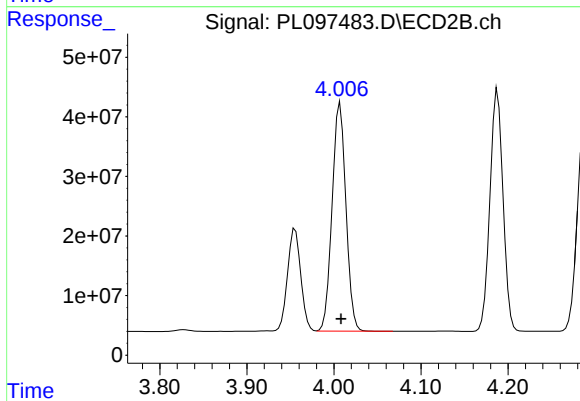
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 436563778
Conc: 46.87 ng/ml



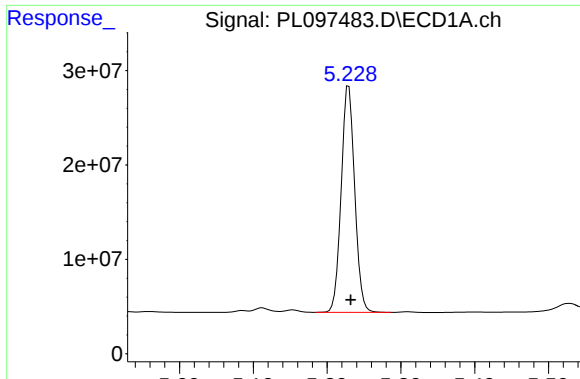
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 310739626
Conc: 46.59 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 422798216
Conc: 45.44 ng/ml



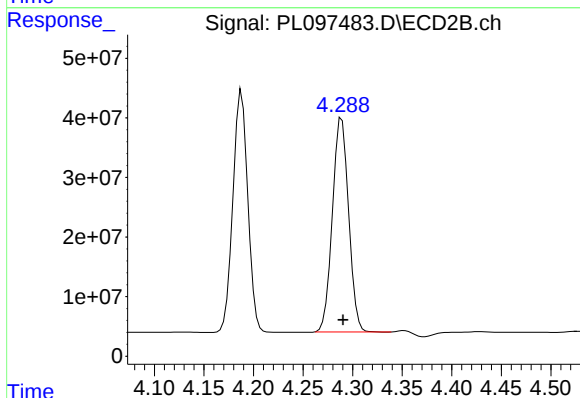
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 304959860
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

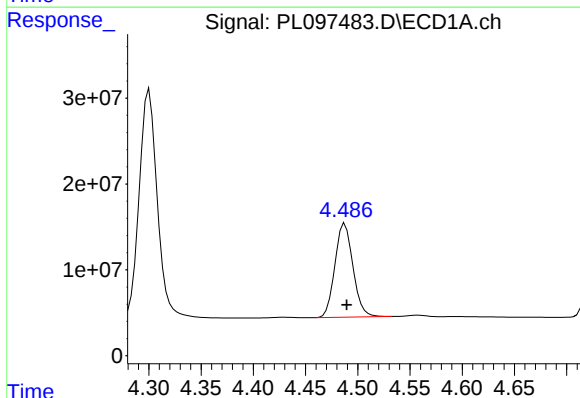
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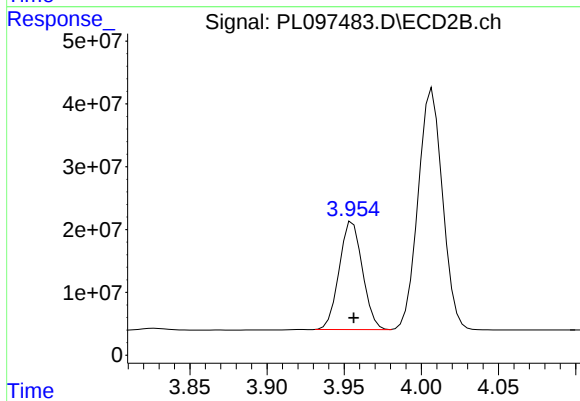
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 409036579
Conc: 47.13 ng/ml



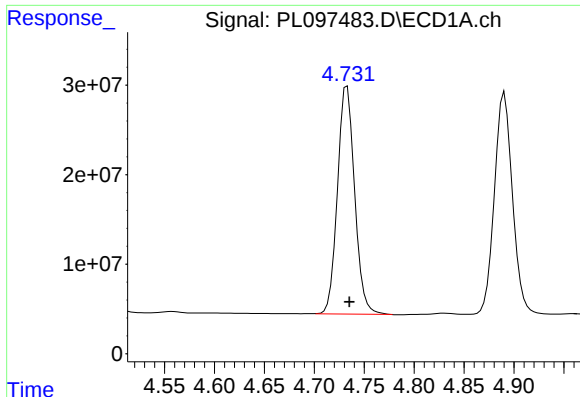
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 131170565
Conc: 48.12 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 180387353
Conc: 44.41 ng/ml



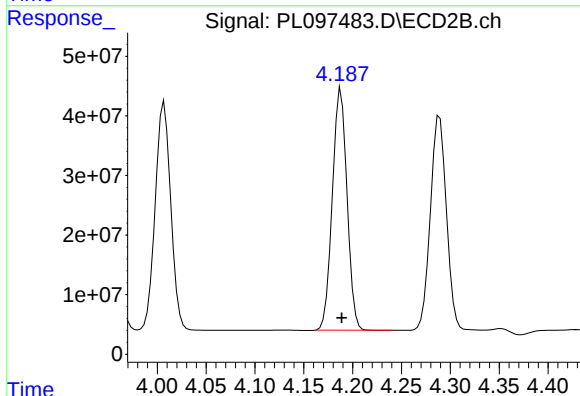
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 304606281
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

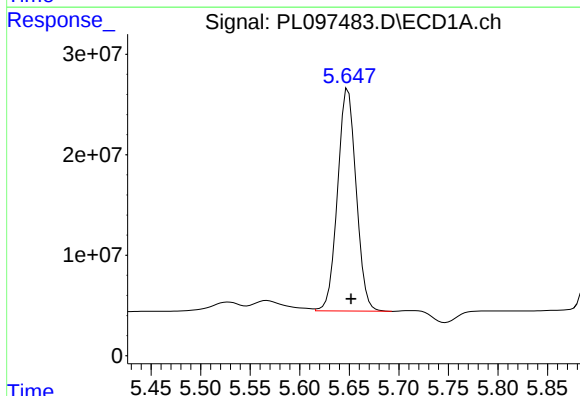
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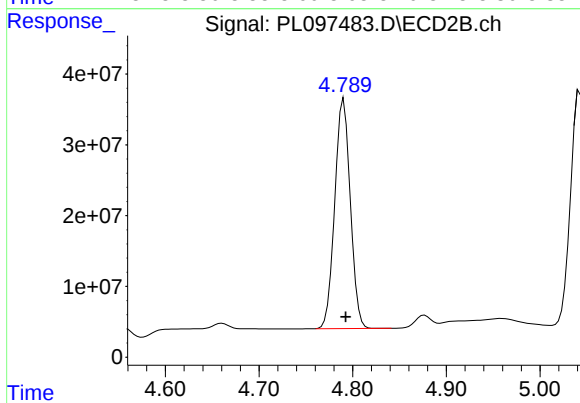
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 424647457
Conc: 46.20 ng/ml



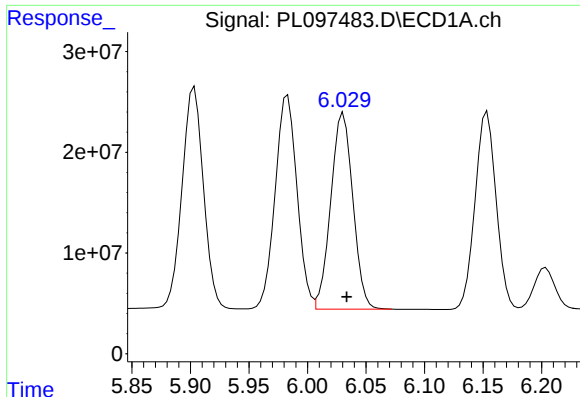
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 288588898
Conc: 50.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 375192171
Conc: 47.30 ng/ml



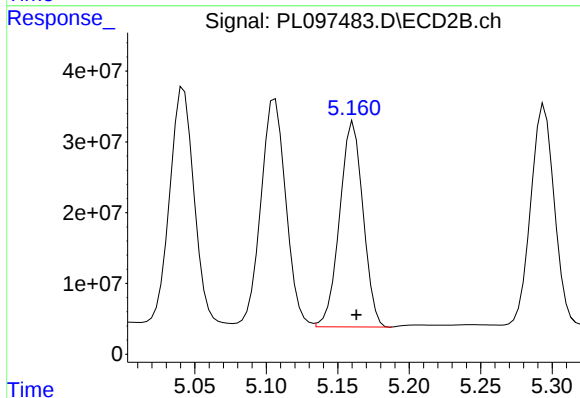
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: -0.004 min
Response: 254909546
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

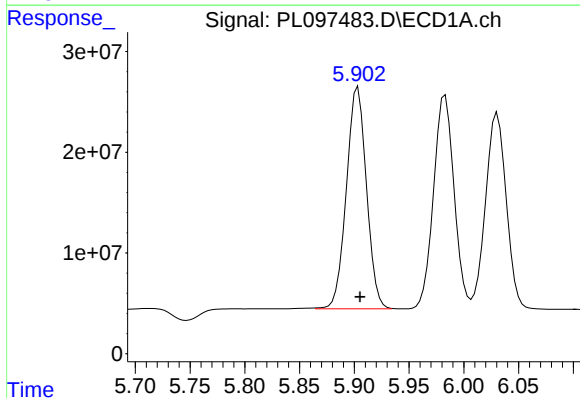
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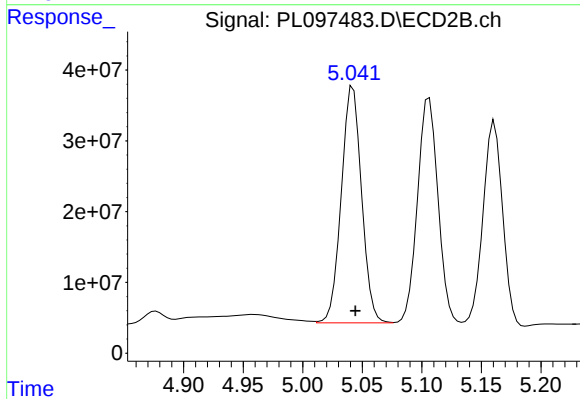
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 331187492
Conc: 43.10 ng/ml



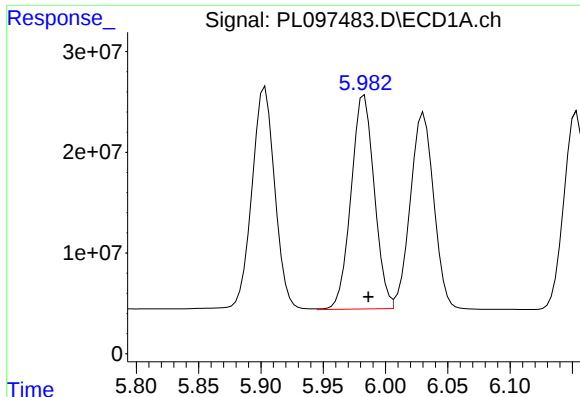
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 280653702
Conc: 49.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 396299708
Conc: 45.38 ng/ml m



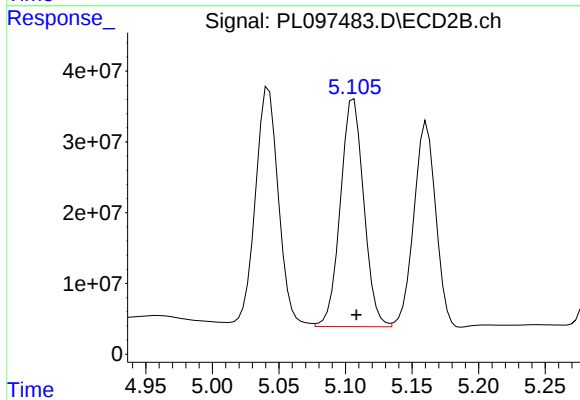
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.005 min
Response: 279473752
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

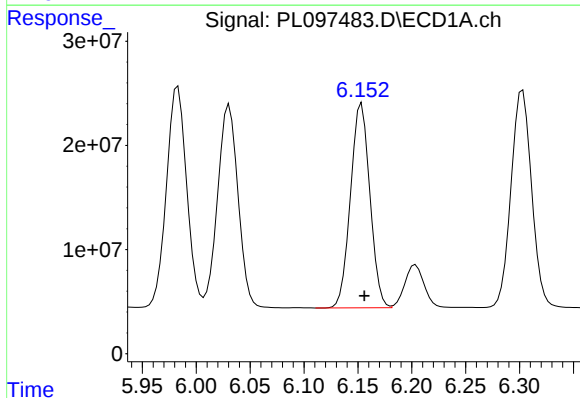
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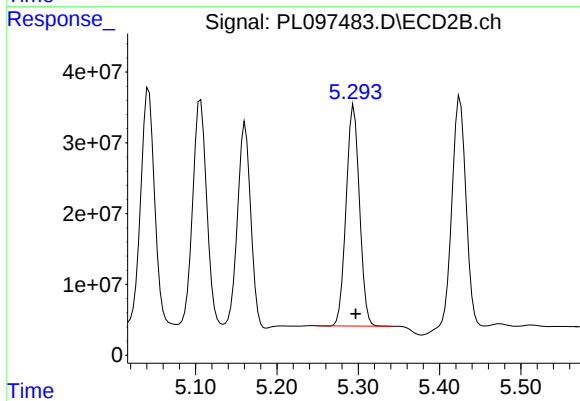
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 394057357
Conc: 47.47 ng/ml



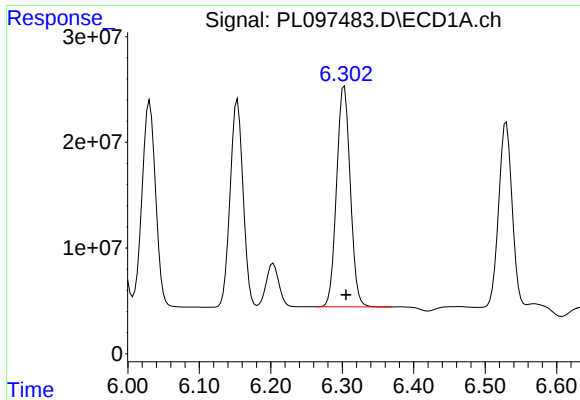
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 245867424
Conc: 51.60 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 355340533
Conc: 46.24 ng/ml



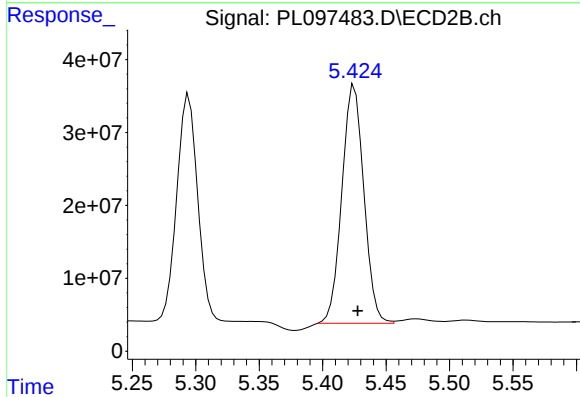
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 277474103
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

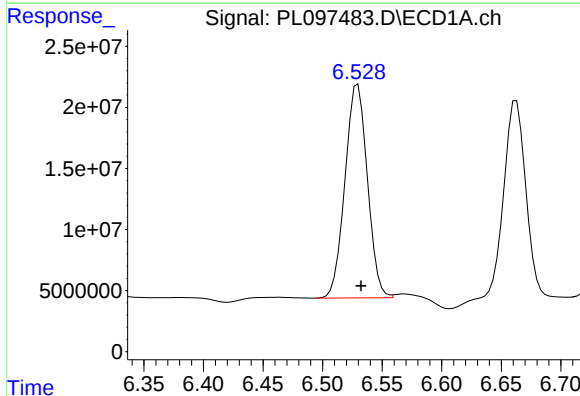
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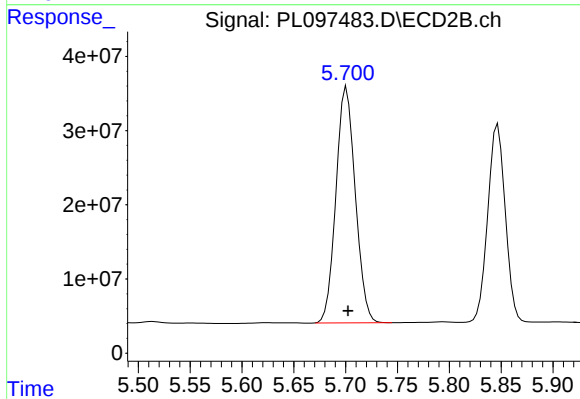
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 393041815
Conc: 48.07 ng/ml m



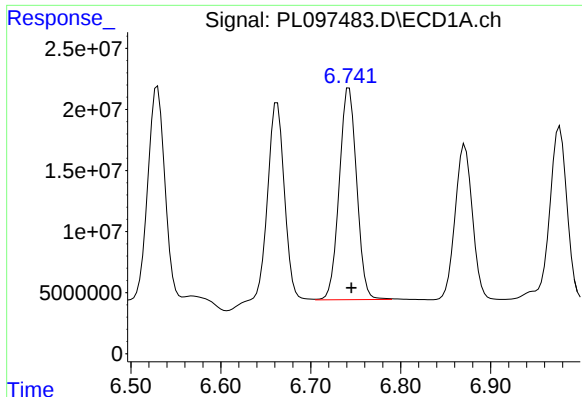
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 228985398
Conc: 49.64 ng/ml m



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 412997205
Conc: 54.99 ng/ml



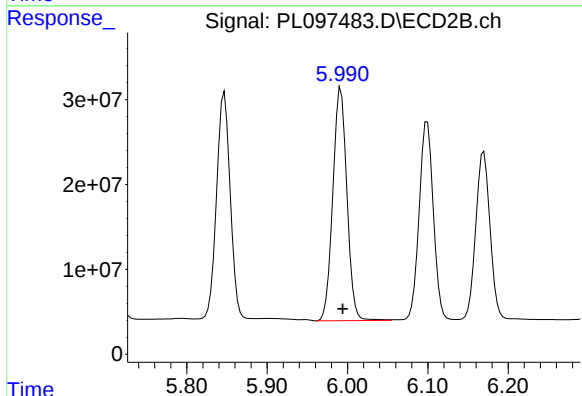
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 233576870
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

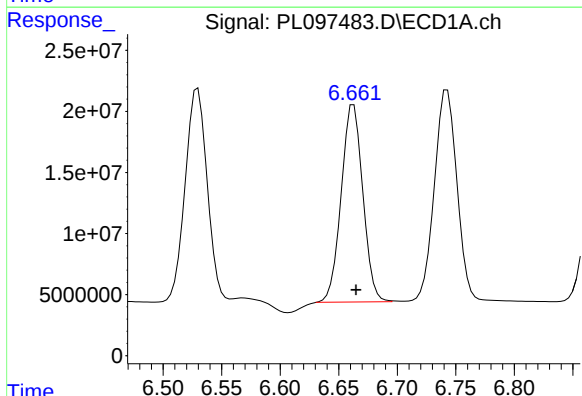
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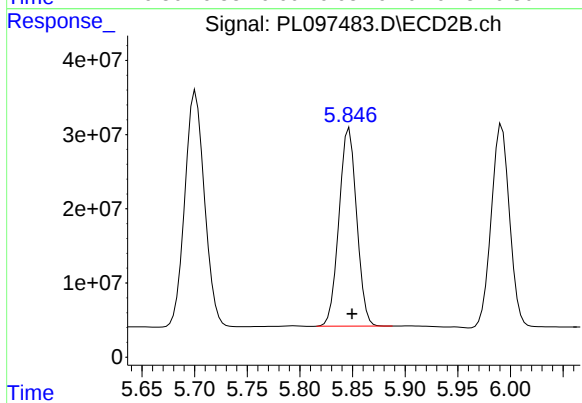
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 335158662
Conc: 47.14 ng/ml



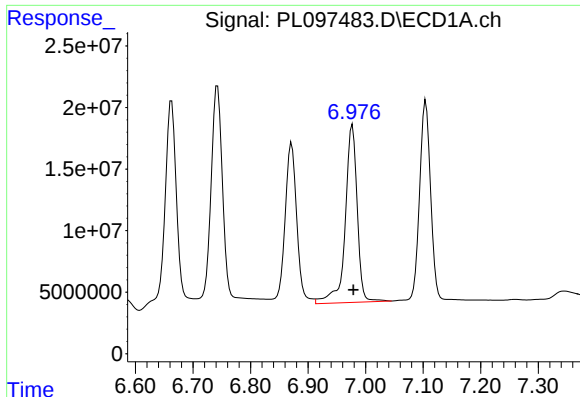
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 207518137
Conc: 55.04 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 313463263
Conc: 48.61 ng/ml



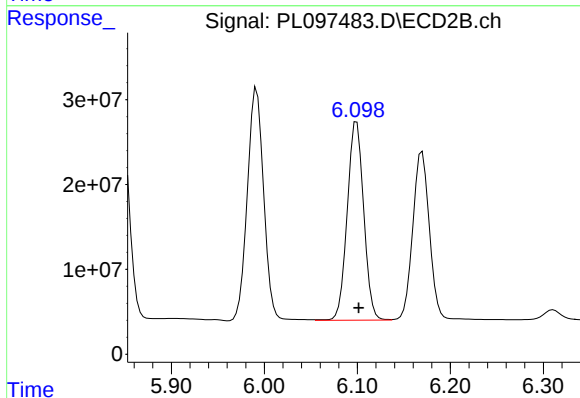
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 210601638
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

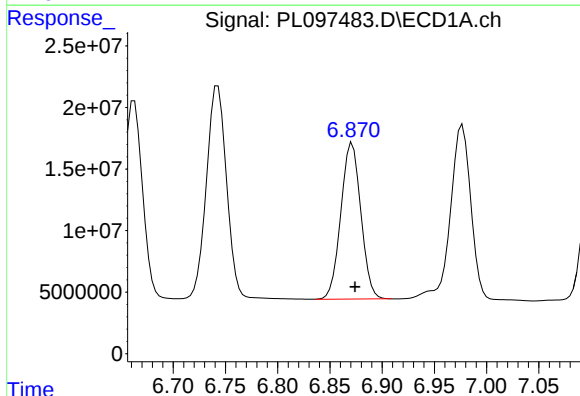
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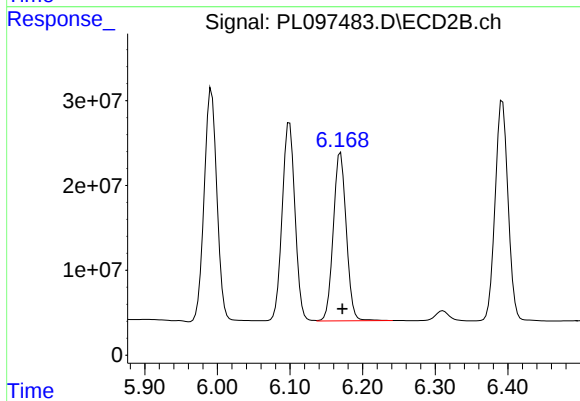
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 287893963
Conc: 41.60 ng/ml



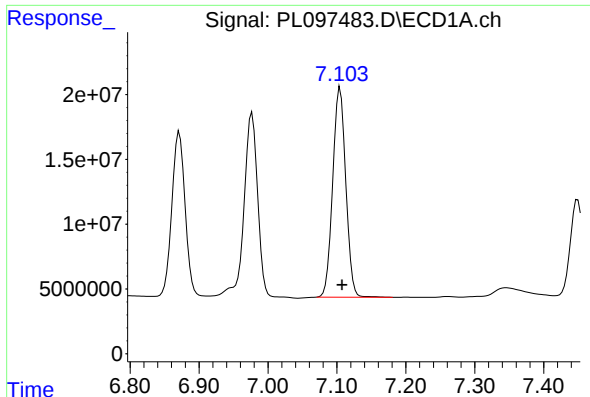
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.004 min
Response: 168970867
Conc: 54.81 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 246242224
Conc: 46.14 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 212921985
Conc: 52.15 ng/ml

Instrument :

ECD_L

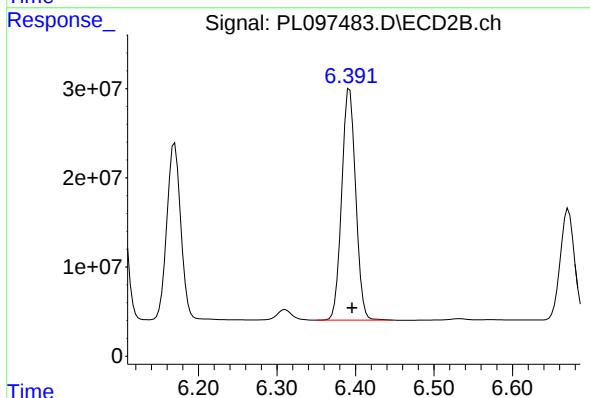
ClientSampleId :

PSTDCCC050

Manual Integrations

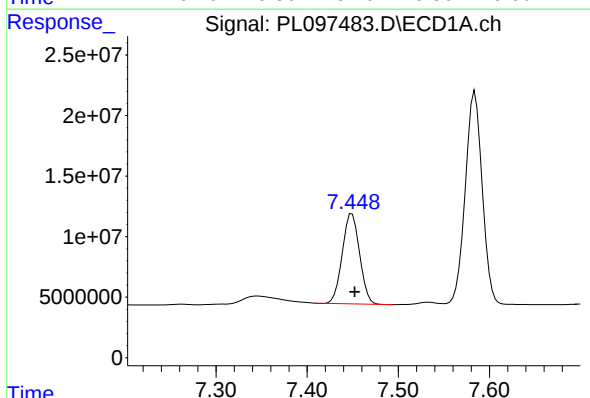
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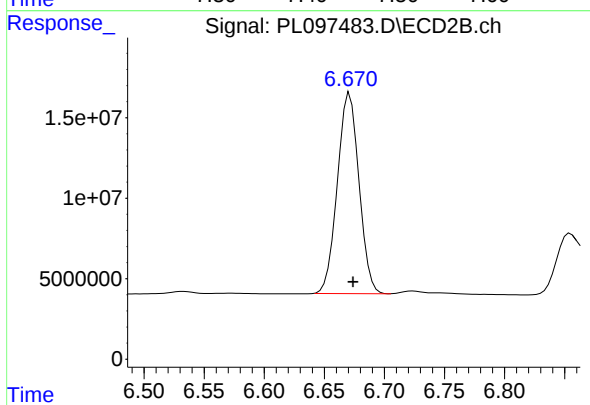
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 322011265
Conc: 47.01 ng/ml



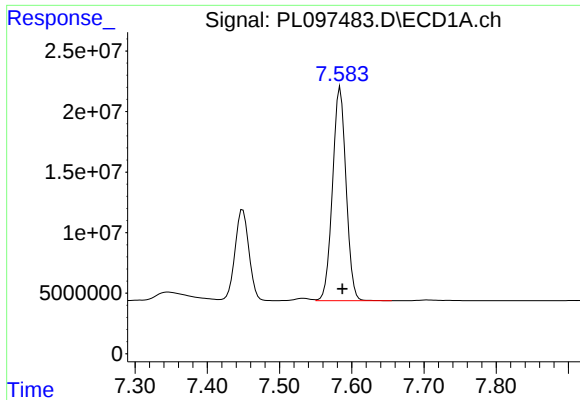
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 98362222
Conc: 47.17 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 156435593
Conc: 41.50 ng/ml



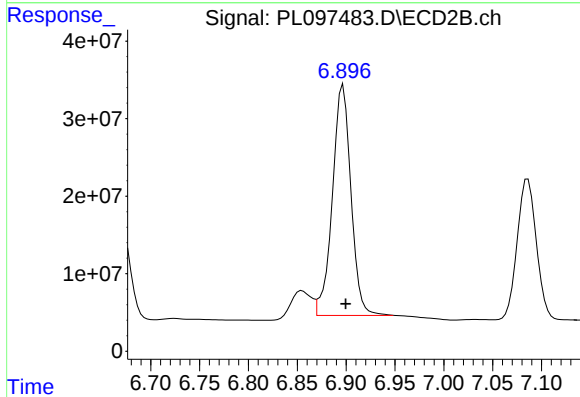
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 229861370
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

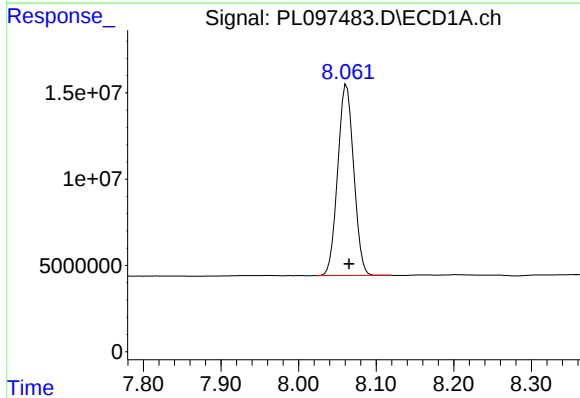
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



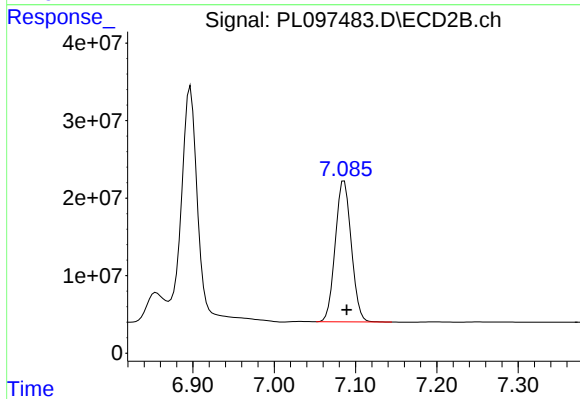
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 392628693
Conc: 52.14 ng/ml m



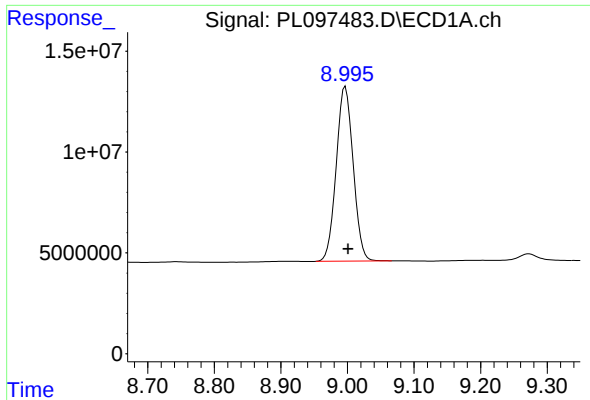
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 158715976
Conc: 44.70 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 248957022
Conc: 41.64 ng/ml



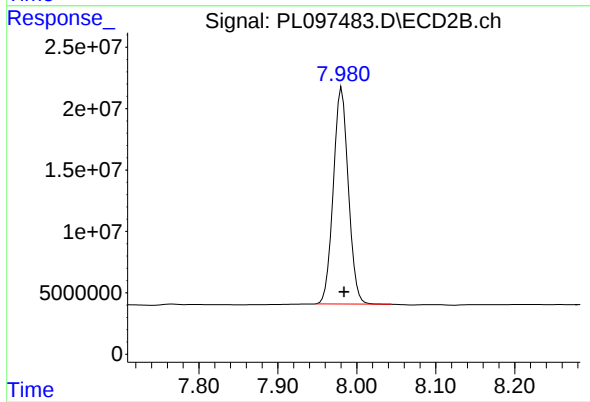
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 152997747
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 232923742
Conc: 40.92 ng/ml