

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 02:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 04:40:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.824	194.6E6	267.9E6	49.345	47.530
28)	SA Decachlor...	8.999	7.983	137.6E6	212.9E6	46.467	44.390
Target Compounds							
2)	A alpha-BHC	3.975	3.329	294.9E6	407.6E6	50.906	49.645
3)	MA gamma-BHC...	4.302	3.660	275.9E6	377.2E6	50.520	51.200
4)	MA Heptachlor	4.893	4.008	267.9E6	362.8E6	50.238	48.216
5)	MB Aldrin	5.232	4.290	258.1E6	350.7E6	49.126	49.859
6)	B beta-BHC	4.489	3.956	115.3E6	160.0E6	50.425	49.045
7)	B delta-BHC	4.734	4.189	256.7E6	367.0E6	57.049	49.936
8)	B Heptachlo...	5.650	4.792	240.5E6	313.8E6	46.741m	49.610
9)	A Endosulfan I	6.033	5.162	208.1E6	284.1E6	48.437	47.426
10)	B gamma-Chl...	5.903	5.044	230.1E6	328.3E6	49.954m	49.665
11)	B alpha-Chl...	5.985	5.108	226.4E6	325.0E6	48.102	49.766
12)	B 4,4'-DDE	6.156	5.296	194.1E6	298.5E6	48.634	48.494
13)	MA Dieldrin	6.305	5.425	220.3E6	324.5E6	48.506	49.527m
14)	MA Endrin	6.531	5.702	179.2E6	288.6E6	47.840	48.858
15)	B Endosulfa...	6.742	5.993	186.4E6	272.3E6	42.318m	47.613
16)	A 4,4'-DDD	6.663	5.849	165.0E6	266.0E6	52.287m	50.940
17)	MA 4,4'-DDT	6.978	6.101	158.4E6	231.3E6	45.217	42.227
18)	B Endrin al...	6.871	6.172	130.9E6	204.0E6	50.306m	48.987
19)	B Endosulfa...	7.107	6.395	167.0E6	262.3E6	48.629	46.815
20)	A Methoxychlor	7.450	6.673	72886042	126.8E6	41.997	42.270
21)	B Endrin ke...	7.585	6.899	177.5E6	345.1E6	49.912	55.139
22)	Mirex	8.064	7.088	139.8E6	224.0E6	46.718	46.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 02:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

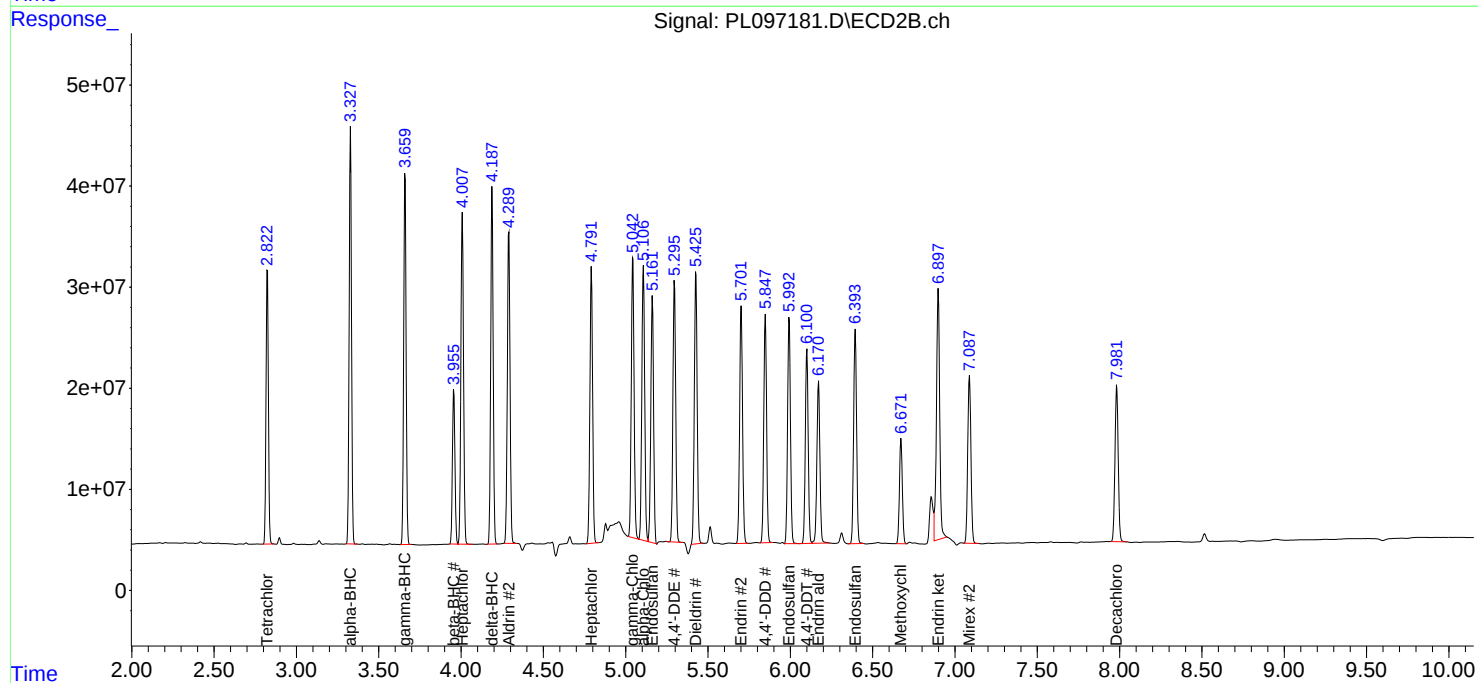
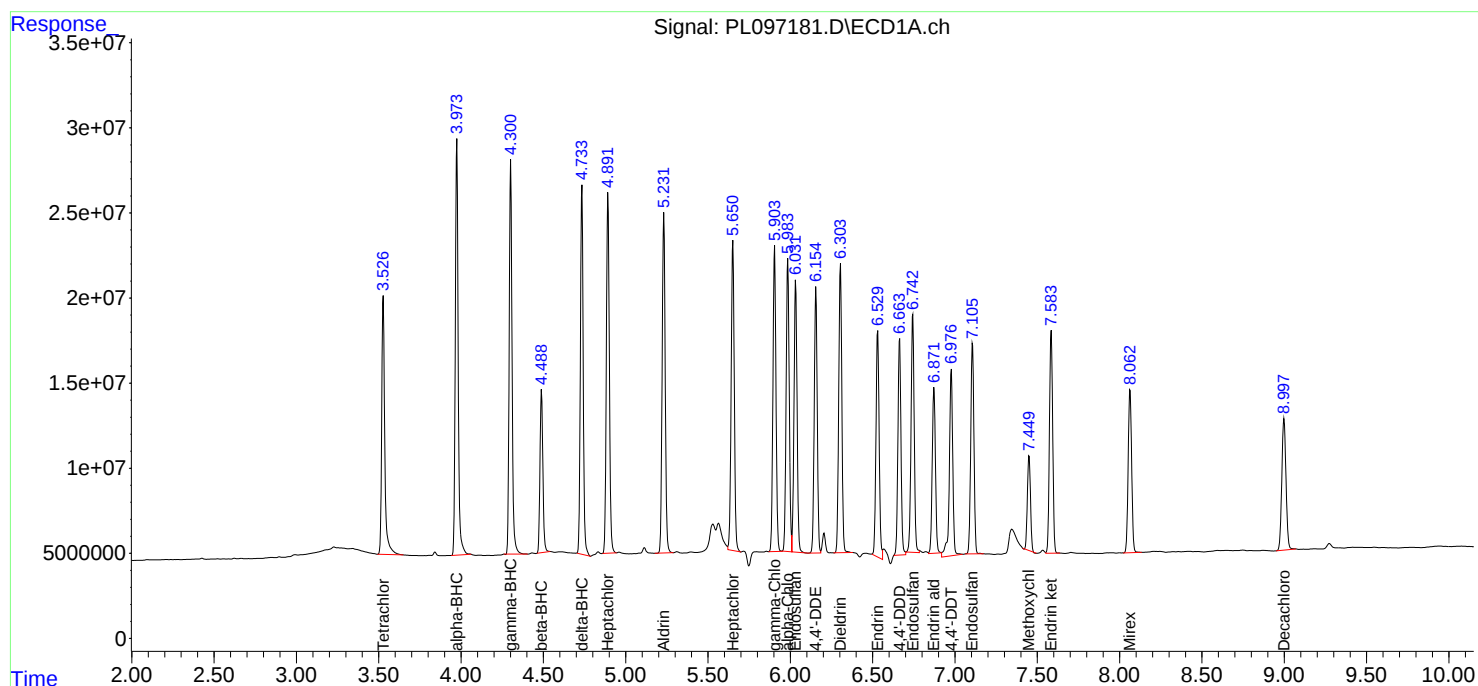
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

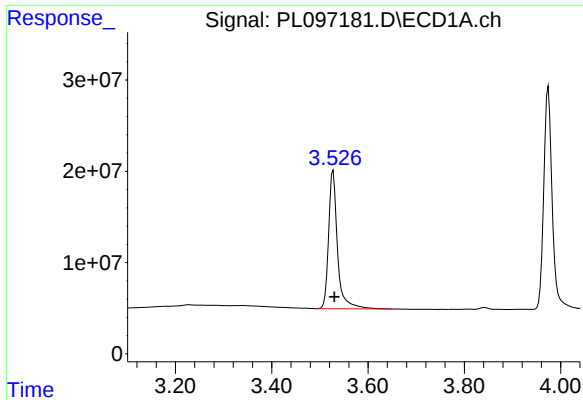
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 04:40:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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.: 3.528 min
Delta R.T.: -0.002 min
Response: 194608910
Conc: 49.34 ng/ml

Instrument :

ECD_L

ClientSampleId :

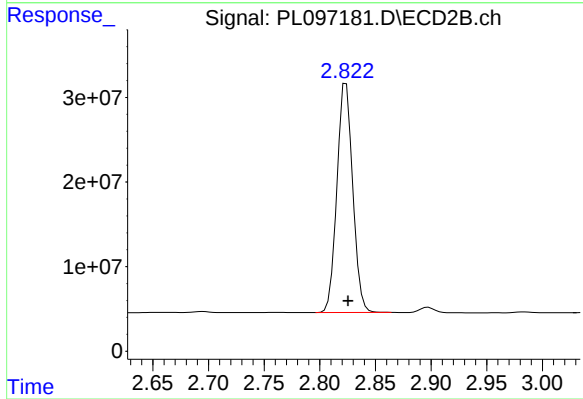
PSTDCCC050

Manual Integrations

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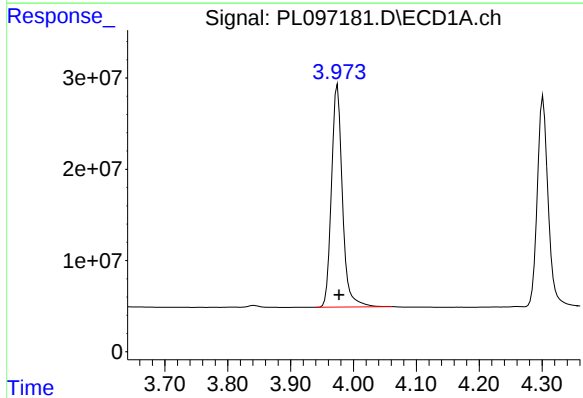
Reviewed By :Abdul Mirza 09/12/2025

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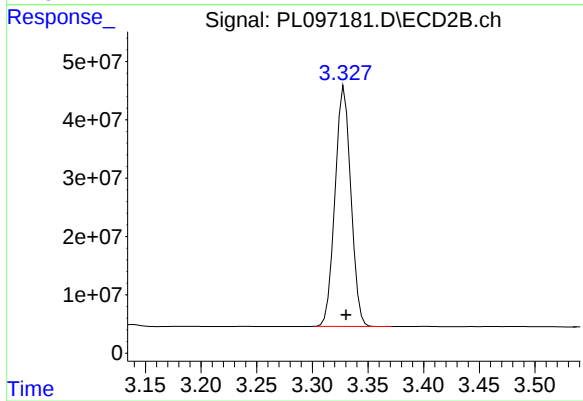
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.002 min
Response: 267910277
Conc: 47.53 ng/ml



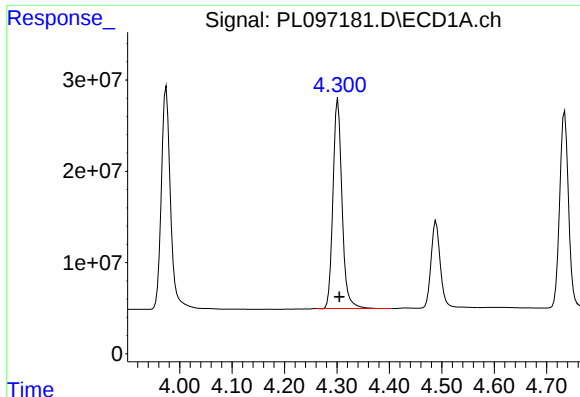
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 294948499
Conc: 50.91 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 407648958
Conc: 49.64 ng/ml



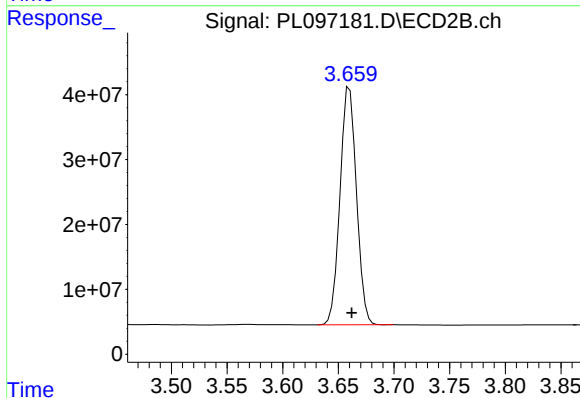
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 275929817
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

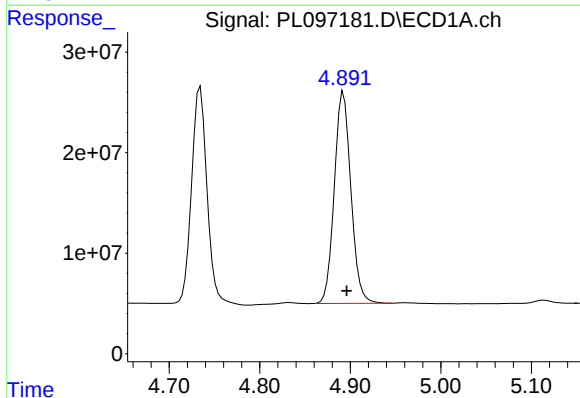
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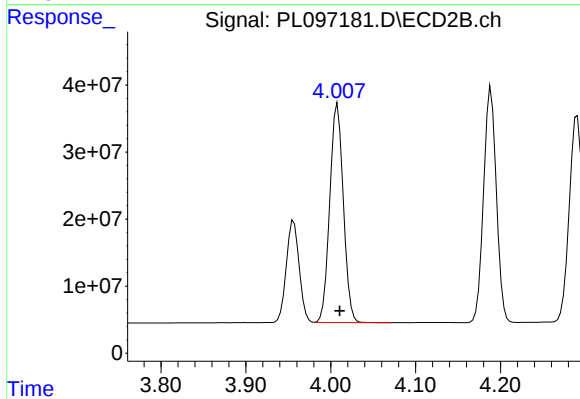
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 377166066
Conc: 51.20 ng/ml



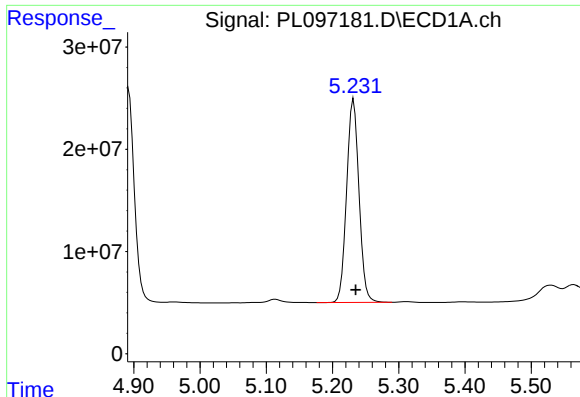
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 267885041
Conc: 50.24 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 362785924
Conc: 48.22 ng/ml



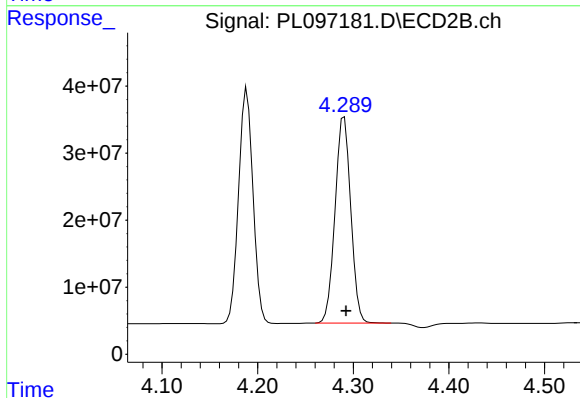
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 258082985
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

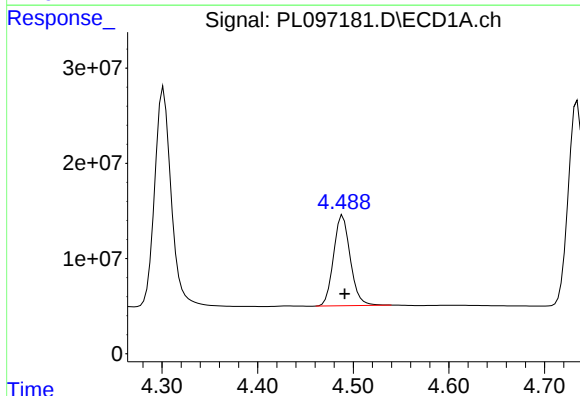
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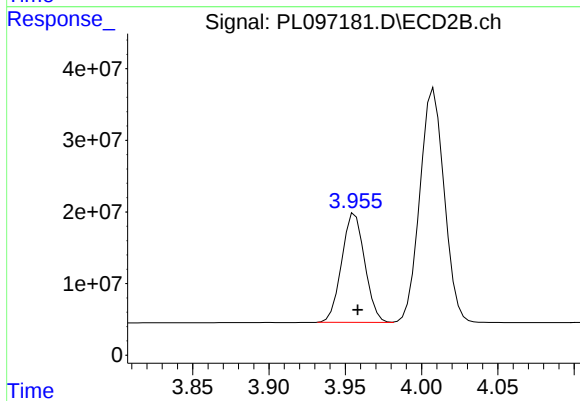
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 350653095
Conc: 49.86 ng/ml



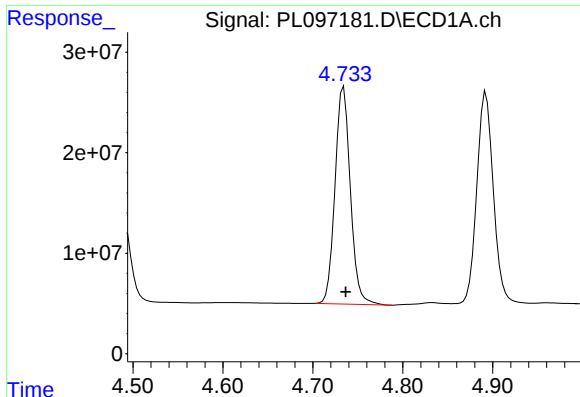
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 115324733
Conc: 50.43 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 160000028
Conc: 49.05 ng/ml



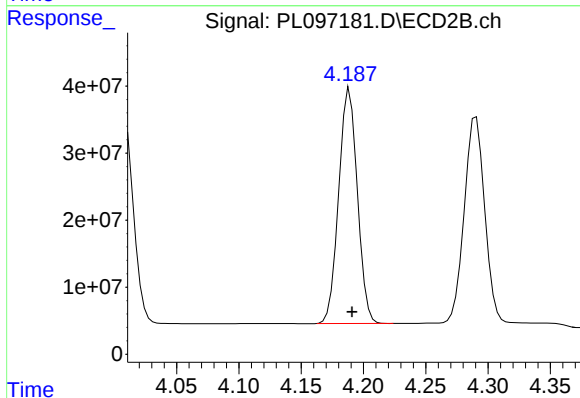
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 256718751
Conc: 57.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

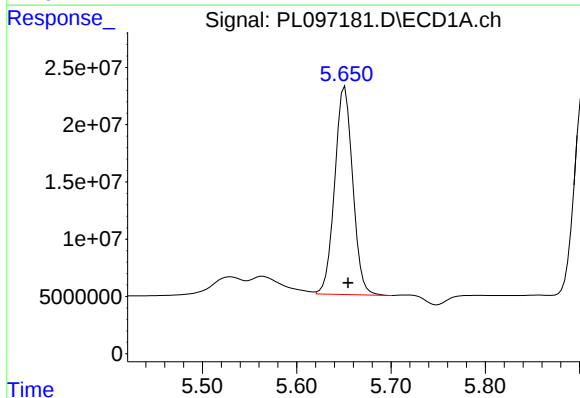
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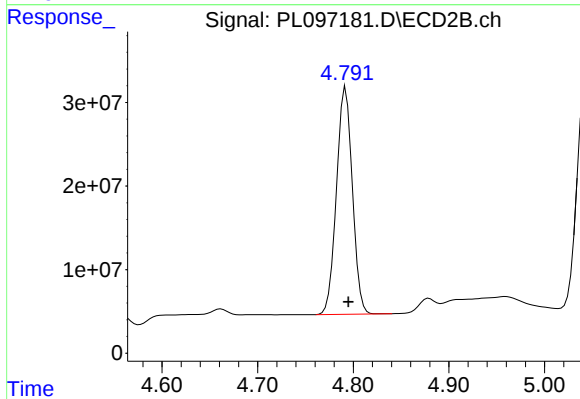
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 366974293
Conc: 49.94 ng/ml



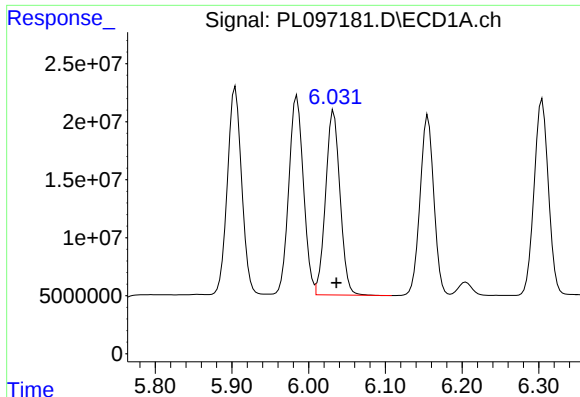
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 240521224
Conc: 46.74 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 313782932
Conc: 49.61 ng/ml



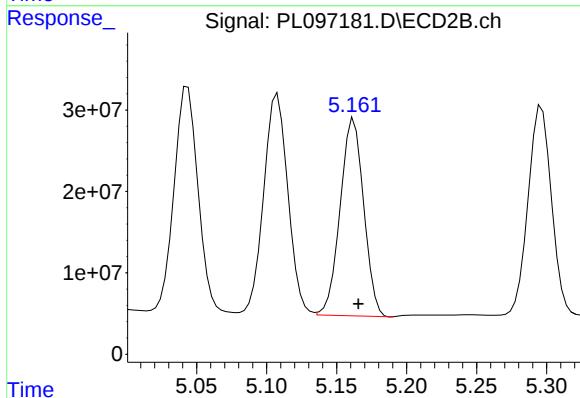
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 208124129
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

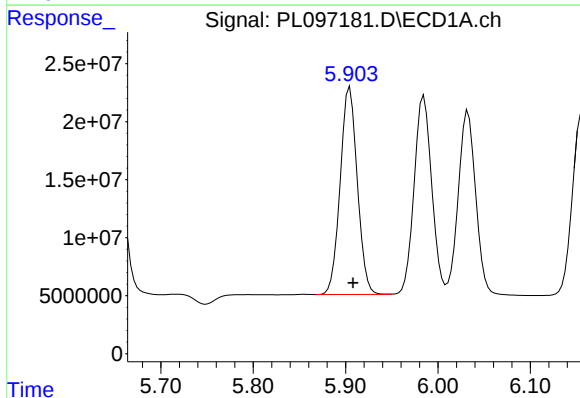
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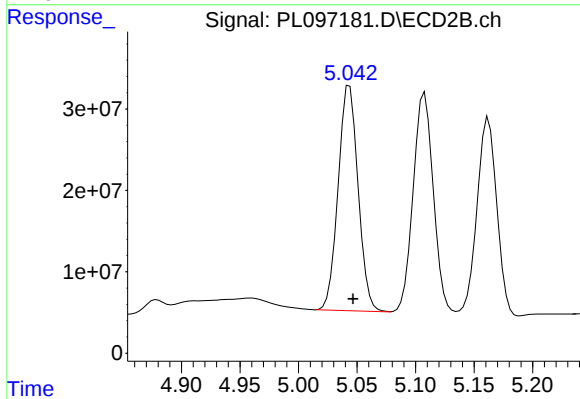
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 284140585
Conc: 47.43 ng/ml



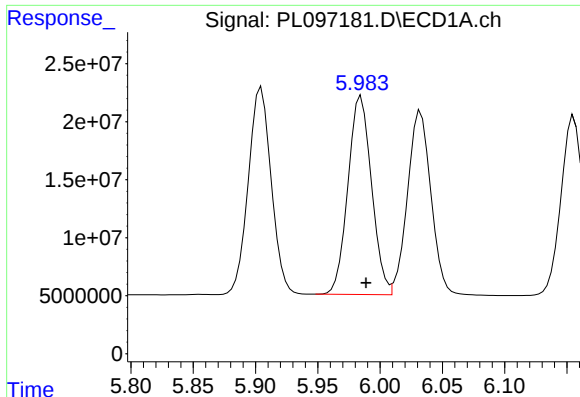
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 230061014
Conc: 49.95 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 328341753
Conc: 49.67 ng/ml



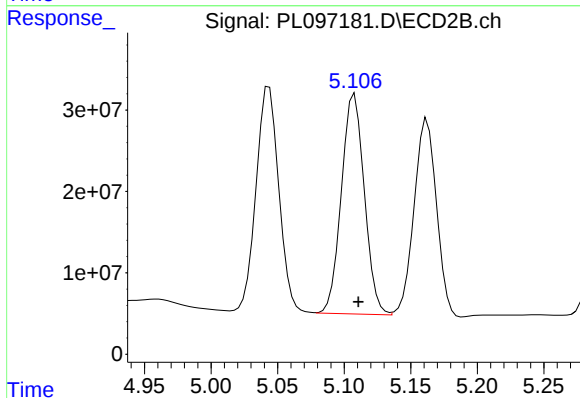
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 226363577
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

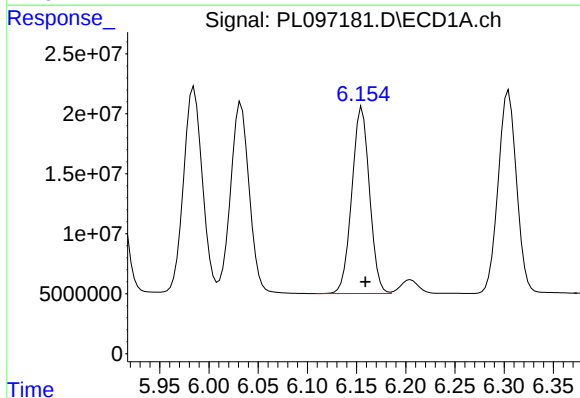
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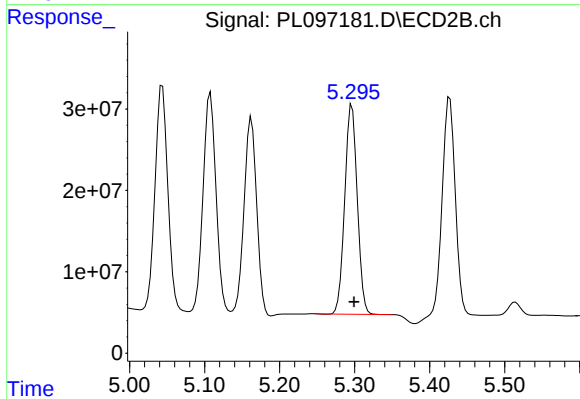
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 324959742
Conc: 49.77 ng/ml



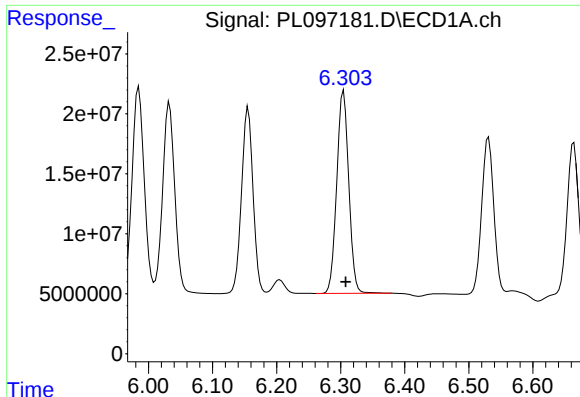
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 194056573
Conc: 48.63 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 298467662
Conc: 48.49 ng/ml



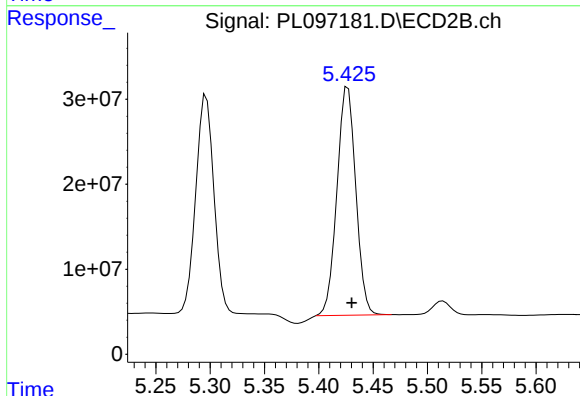
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 220260286
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

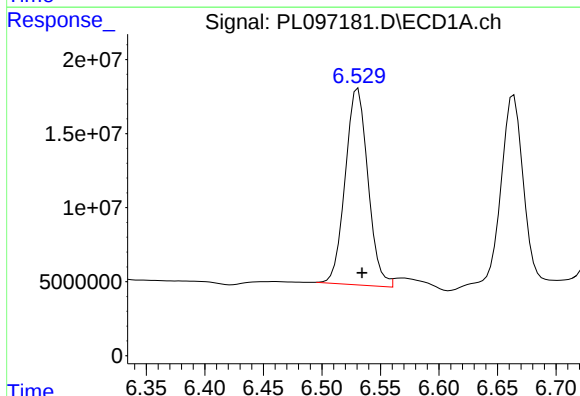
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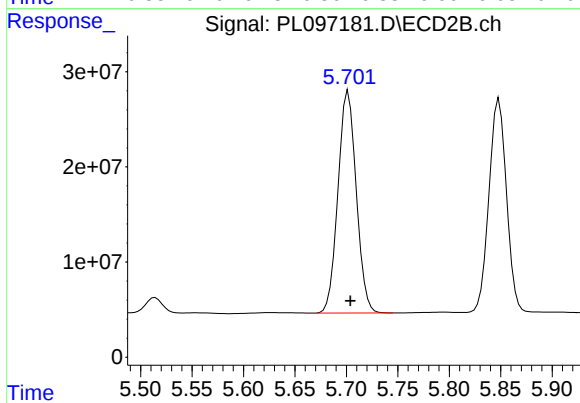
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 324549125
Conc: 49.53 ng/ml m



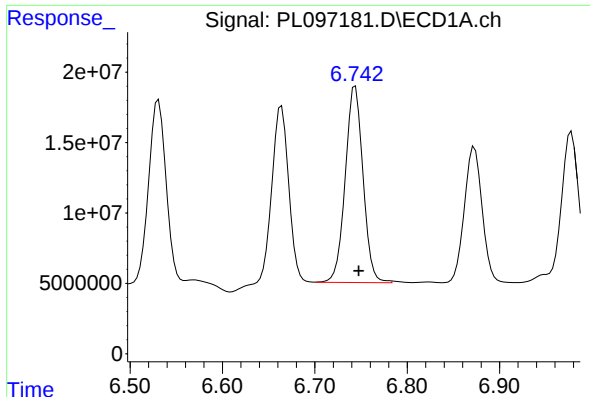
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 179155490
Conc: 47.84 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 288616217
Conc: 48.86 ng/ml



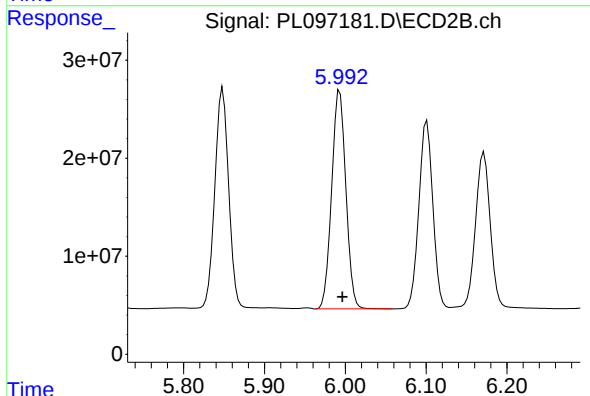
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.005 min
Response: 186412248
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

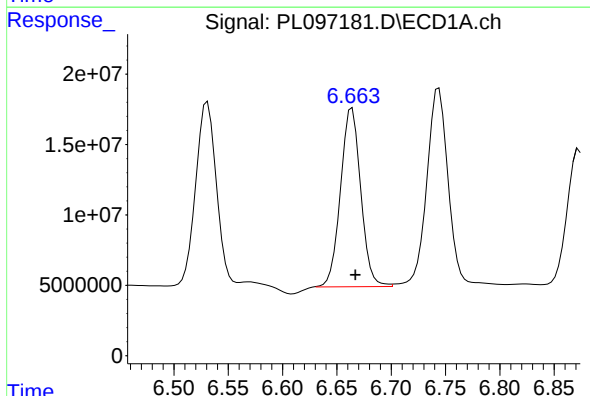
Manual Integrations
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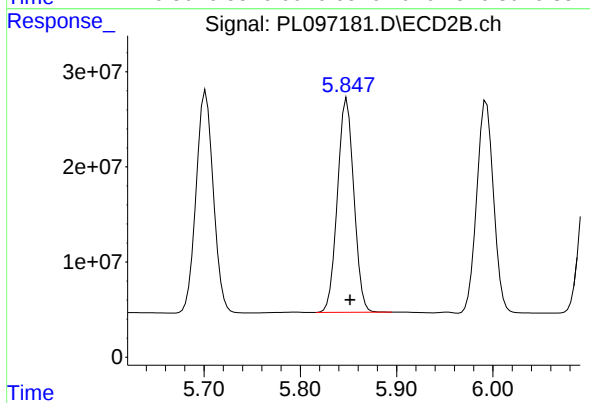
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 272284711
Conc: 47.61 ng/ml



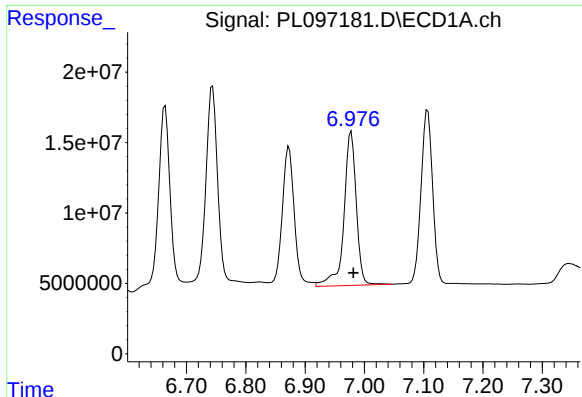
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 165006951
Conc: 52.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 266026000
Conc: 50.94 ng/ml



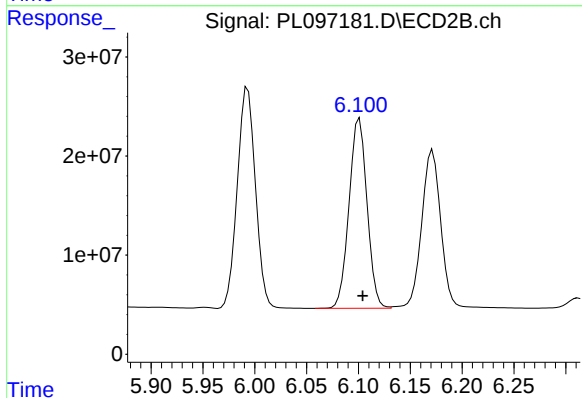
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 158369482
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

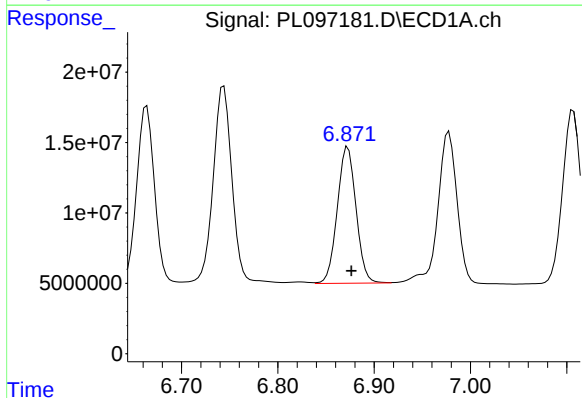
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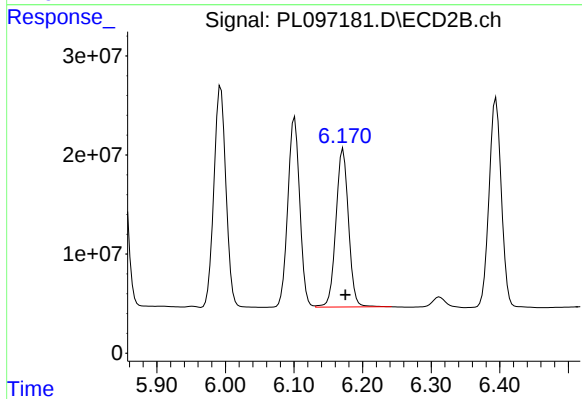
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 231287859
Conc: 42.23 ng/ml



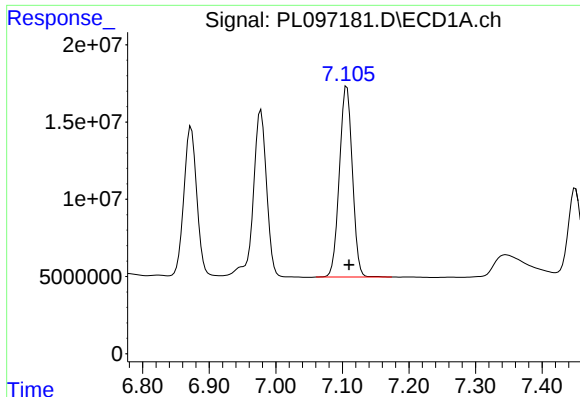
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 130869101
Conc: 50.31 ng/ml m



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 204042339
Conc: 48.99 ng/ml



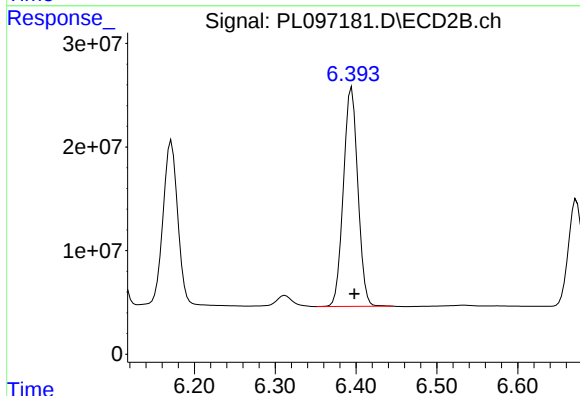
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 166959353
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

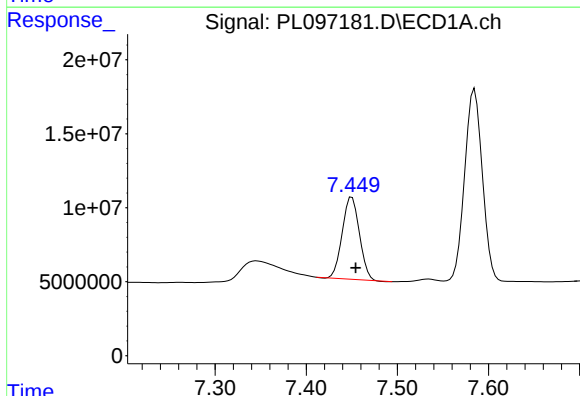
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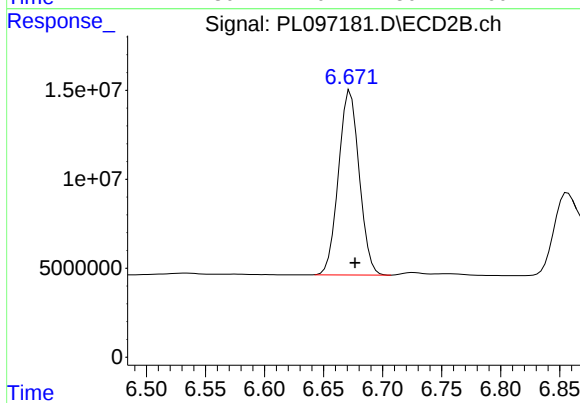
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 262303067
Conc: 46.82 ng/ml



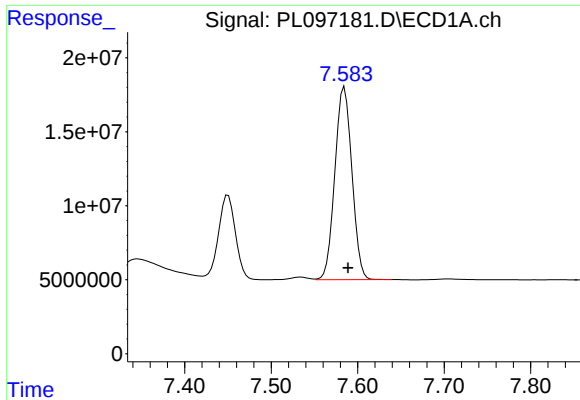
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 72886042
Conc: 42.00 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 126799434
Conc: 42.27 ng/ml



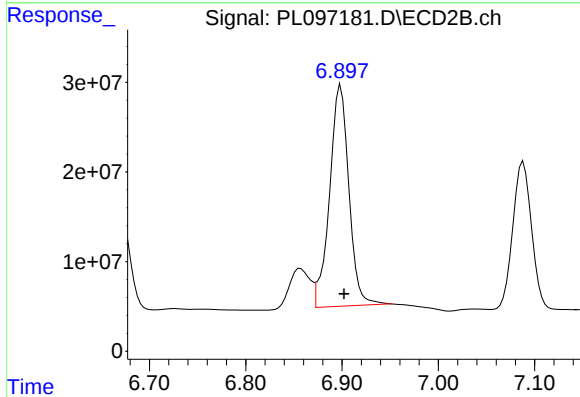
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 177450148
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

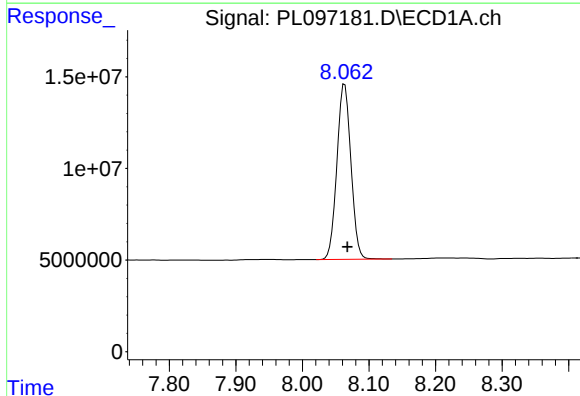
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



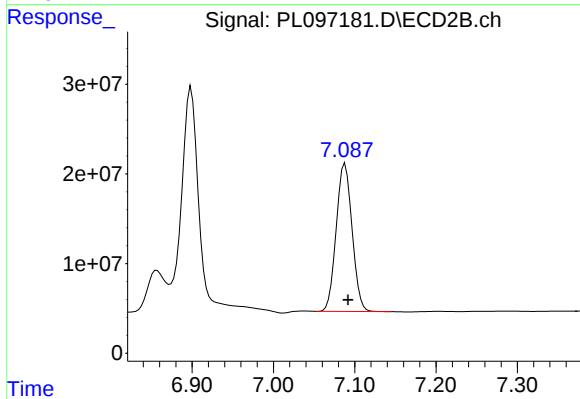
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 345110672
Conc: 55.14 ng/ml



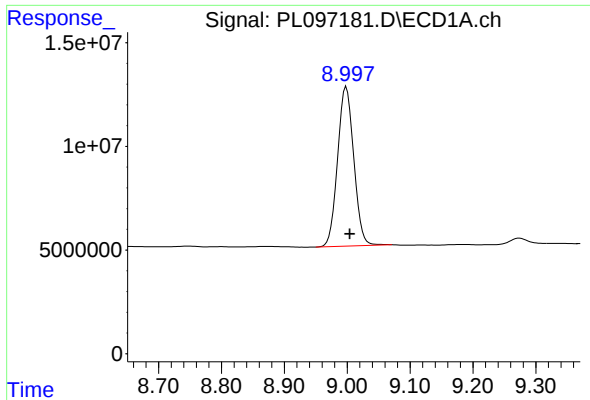
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 139774631
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 223957308
Conc: 46.11 ng/ml



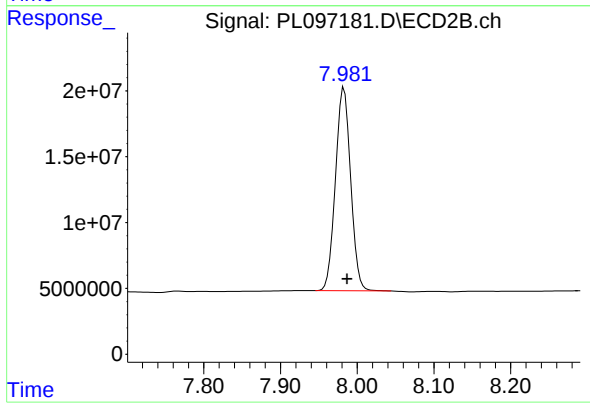
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 137572753
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/15/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 212883758
Conc: 44.39 ng/ml