

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
 Data File : PL097185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 11:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 13:31:43 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...	3.526	2.822	201.4E6	276.1E6	51.056	48.978
28)	SA Decachlor...	8.999	7.981	144.9E6	221.2E6	48.948	46.121
Target Compounds							
2)	A alpha-BHC	3.973	3.327	309.2E6	421.1E6	53.369	51.283
3)	MA gamma-BHC...	4.301	3.659	288.6E6	388.8E6	52.848	52.773
4)	MA Heptachlor	4.892	4.006	282.1E6	370.5E6	52.902	49.243
5)	MB Aldrin	5.231	4.288	272.4E6	358.2E6	51.847	50.938
6)	B beta-BHC	4.488	3.954	120.2E6	164.1E6	52.555	50.287
7)	B delta-BHC	4.732	4.187	264.9E6	377.1E6	58.858m	51.319
8)	B Heptachlo...	5.649	4.790	256.3E6	322.0E6	49.801m	50.908
9)	A Endosulfan I	6.032	5.161	220.3E6	292.1E6	51.280	48.746
10)	B gamma-Chl...	5.903	5.042	243.8E6	338.9E6	52.930m	51.269
11)	B alpha-Chl...	5.984	5.106	240.0E6	335.0E6	50.998	51.301
12)	B 4,4'-DDE	6.155	5.294	206.1E6	307.5E6	51.664	49.969
13)	MA Dieldrin	6.304	5.424	232.7E6	335.5E6	51.246	51.204m
14)	MA Endrin	6.529	5.700	182.6E6	292.7E6	48.751m	49.554
15)	B Endosulfa...	6.742	5.991	193.8E6	280.8E6	44.004m	49.100
16)	A 4,4'-DDD	6.662	5.847	175.4E6	274.5E6	55.590m	52.569
17)	MA 4,4'-DDT	6.978	6.099	168.4E6	239.5E6	48.070	43.734
18)	B Endrin al...	6.872	6.170	151.1E6	208.8E6	58.097	50.243
19)	B Endosulfa...	7.106	6.393	176.5E6	270.3E6	51.398	48.242
20)	A Methoxychlor	7.451	6.671	74766614	131.6E6	43.081	43.877
21)	B Endrin ke...	7.585	6.897	188.6E6	357.2E6	53.054	57.077
22)	Mirex	8.064	7.087	148.2E6	231.4E6	49.519	47.637

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
Data File : PL097185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 11:34
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

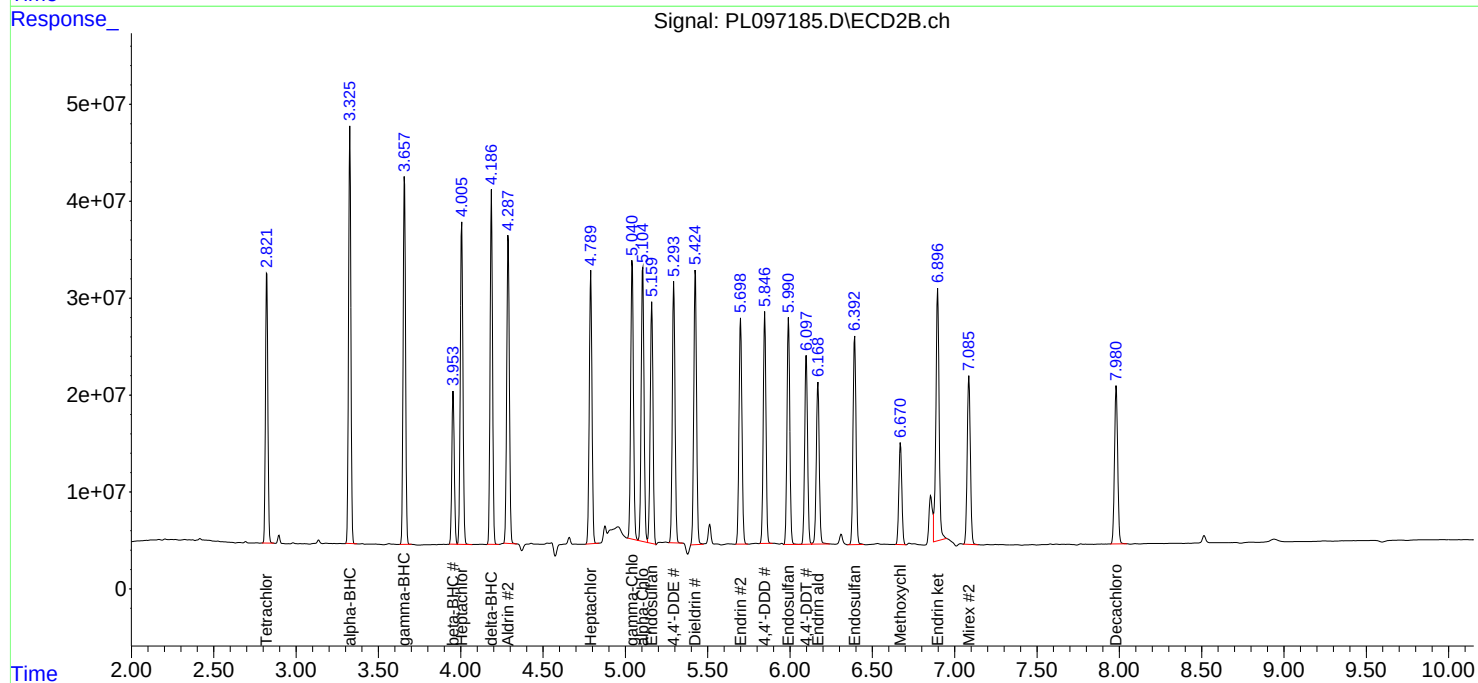
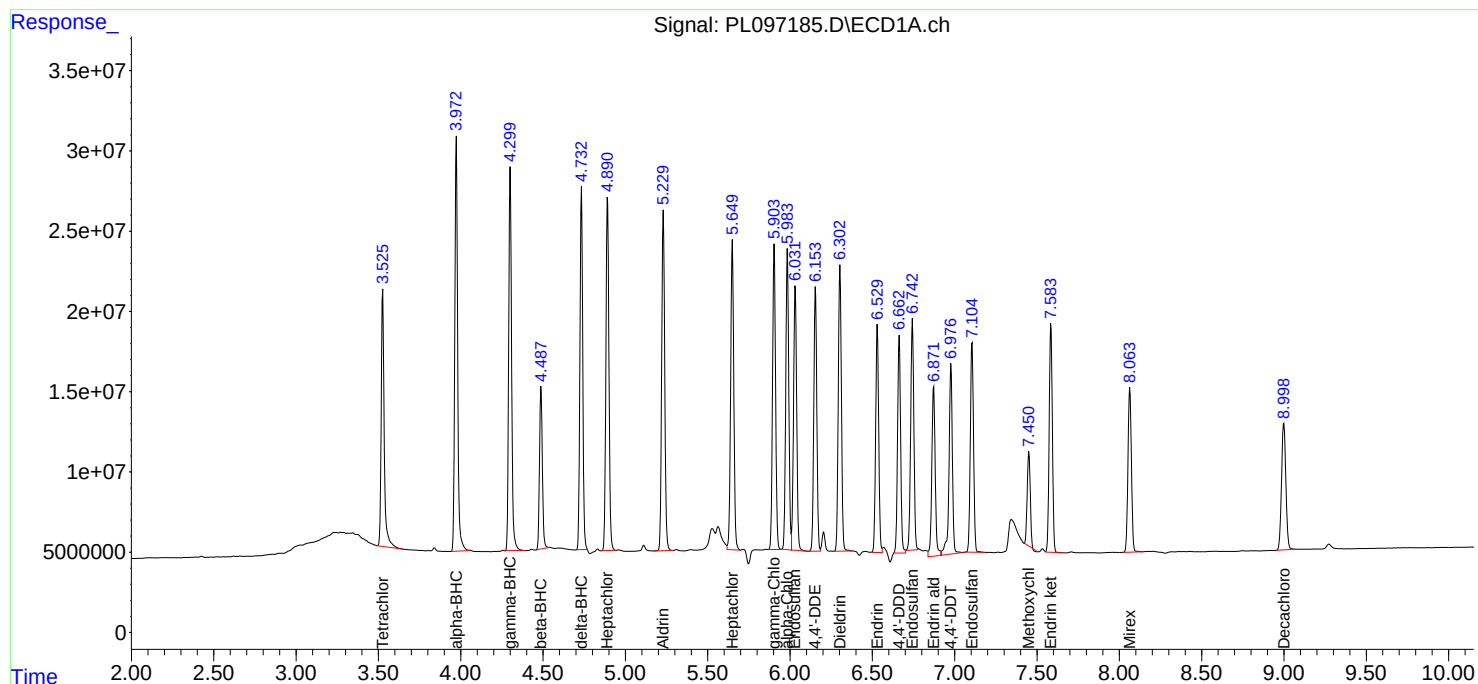
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

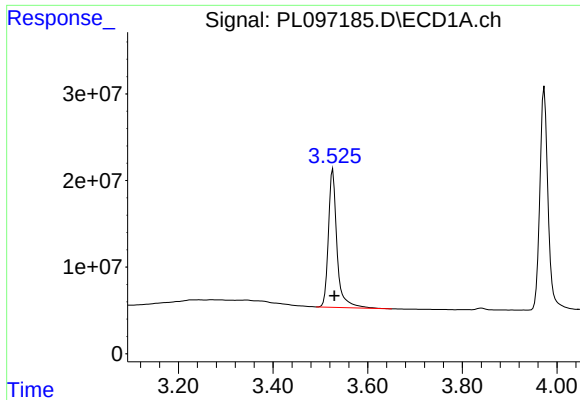
Manual Integrations
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Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 13:31:43 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





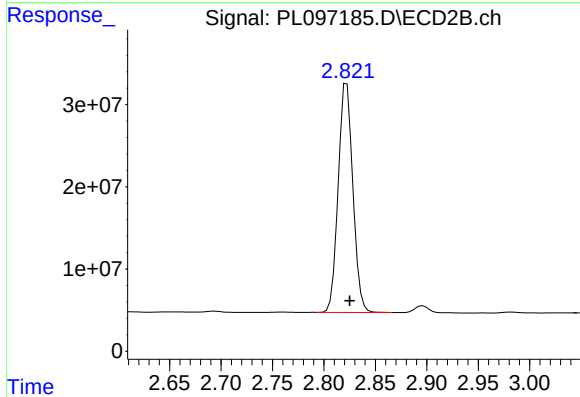
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 201357224
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

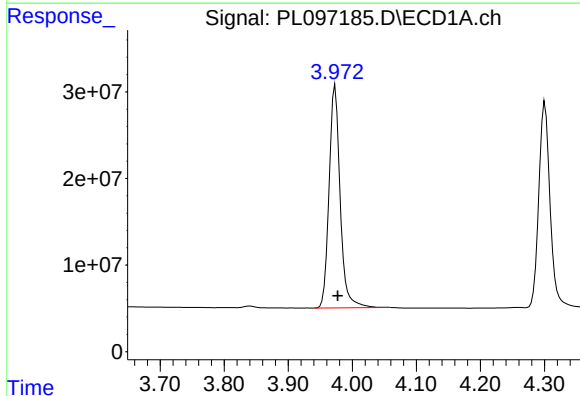
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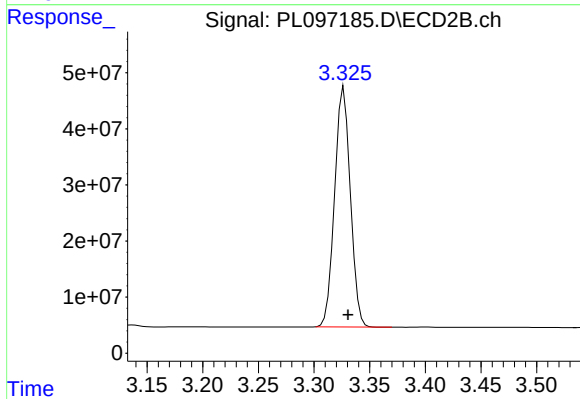
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 276072261
Conc: 48.98 ng/ml



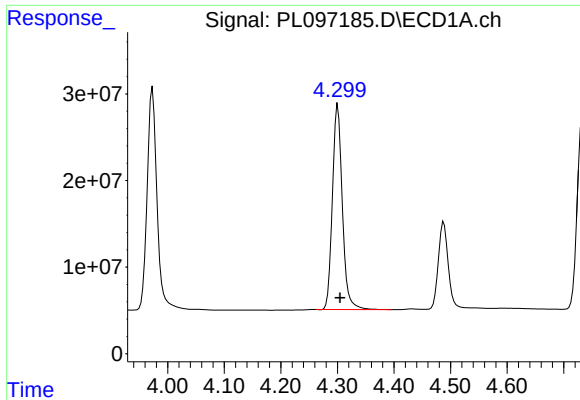
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 309223707
Conc: 53.37 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.004 min
Response: 421096736
Conc: 51.28 ng/ml



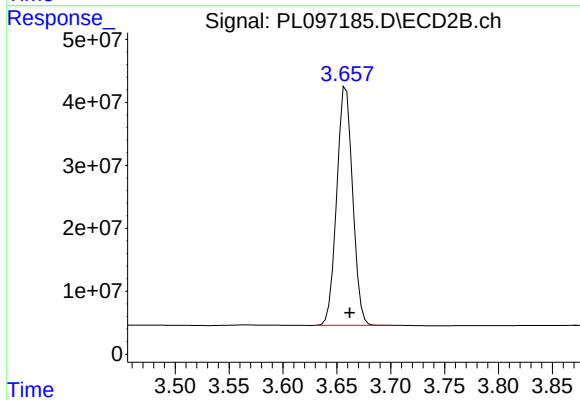
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 288646548
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

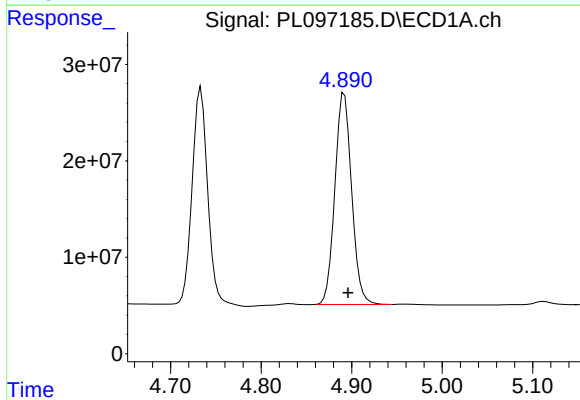
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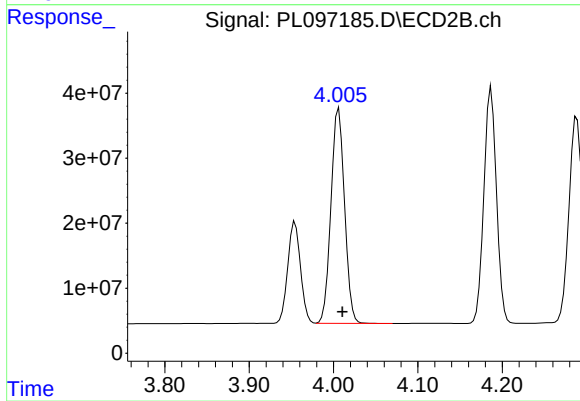
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 388752535
Conc: 52.77 ng/ml



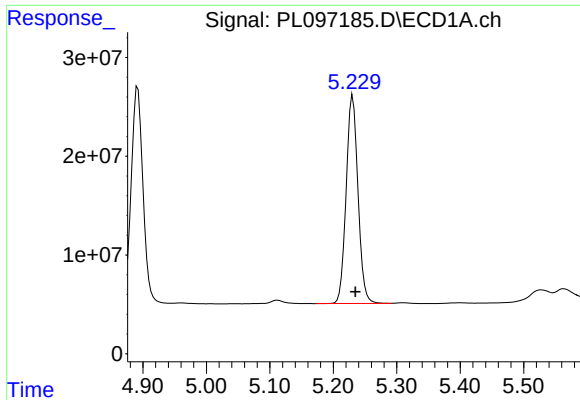
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 282091642
Conc: 52.90 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 370511787
Conc: 49.24 ng/ml



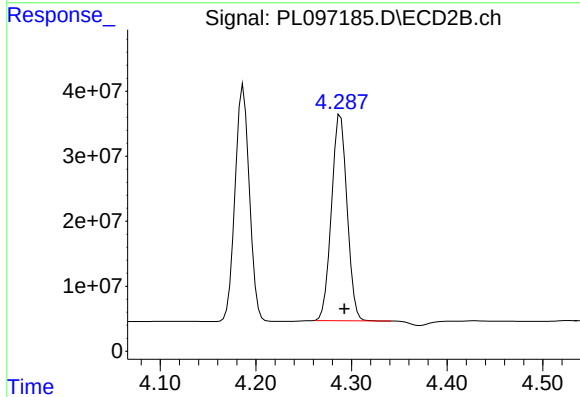
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 272376736
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

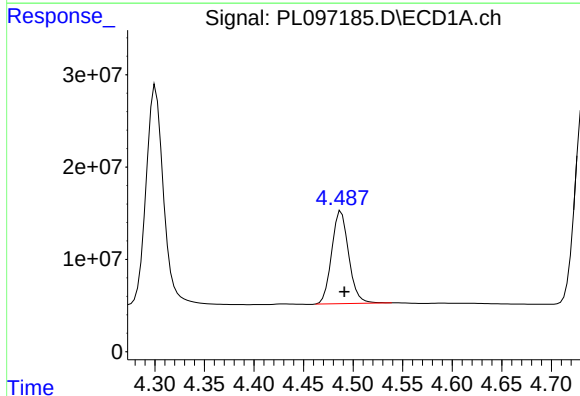
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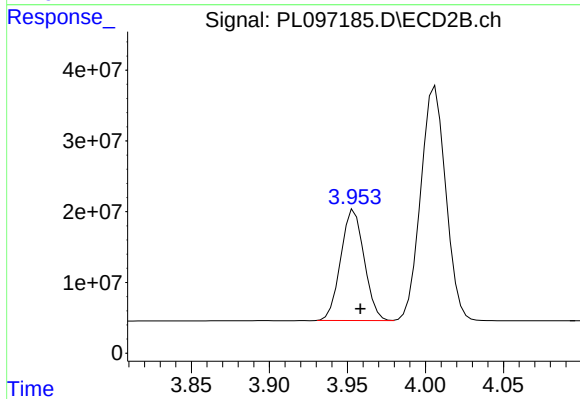
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 358237927
Conc: 50.94 ng/ml



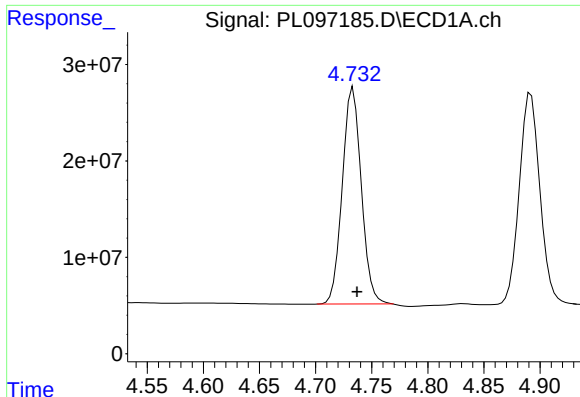
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 120196723
Conc: 52.56 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 164051530
Conc: 50.29 ng/ml



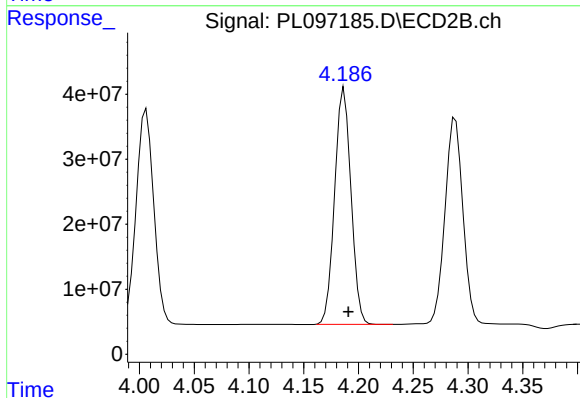
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.005 min
Response: 264858632
Conc: 58.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

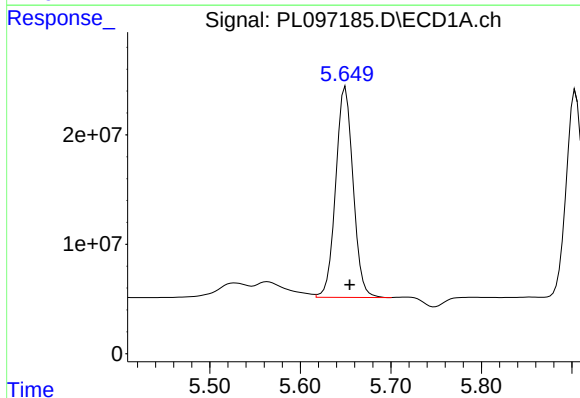
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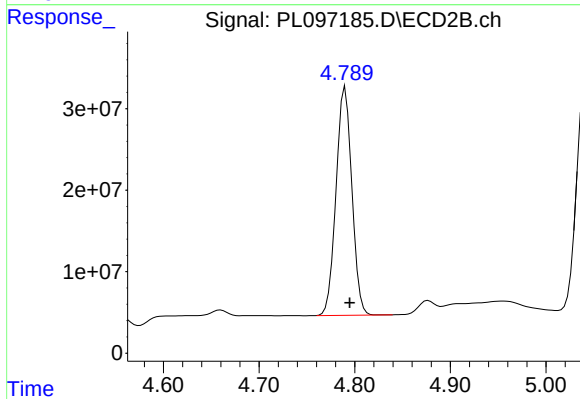
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 377134289
Conc: 51.32 ng/ml



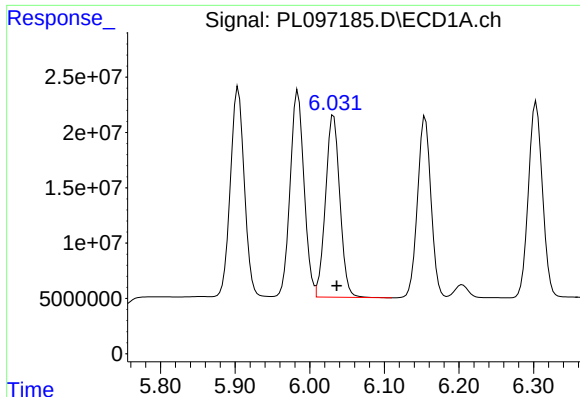
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.006 min
Response: 256267606
Conc: 49.80 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.005 min
Response: 321991629
Conc: 50.91 ng/ml



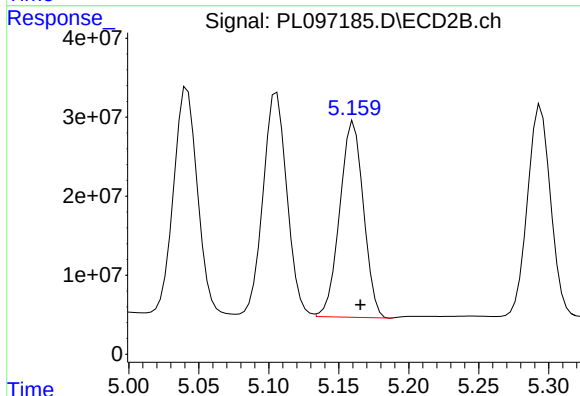
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 220340977
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

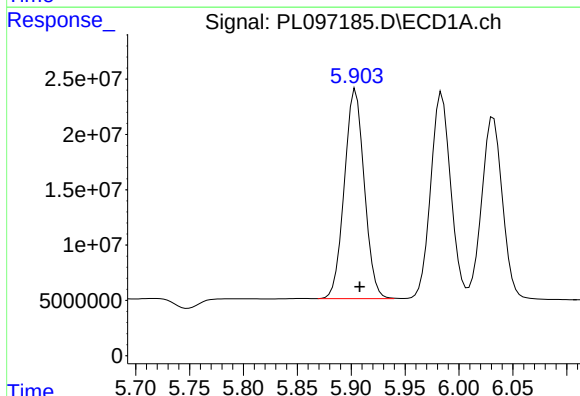
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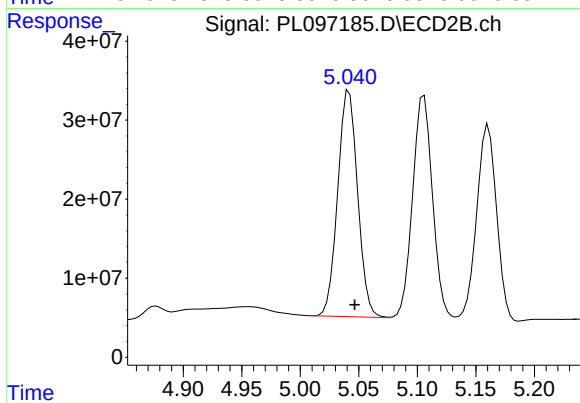
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.005 min
Response: 292052906
Conc: 48.75 ng/ml



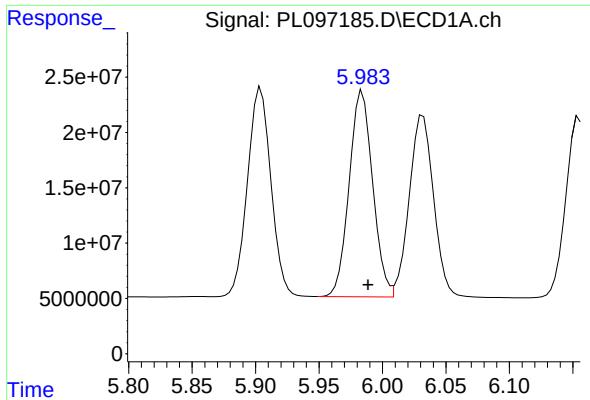
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 243768740
Conc: 52.93 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.005 min
Response: 338945184
Conc: 51.27 ng/ml



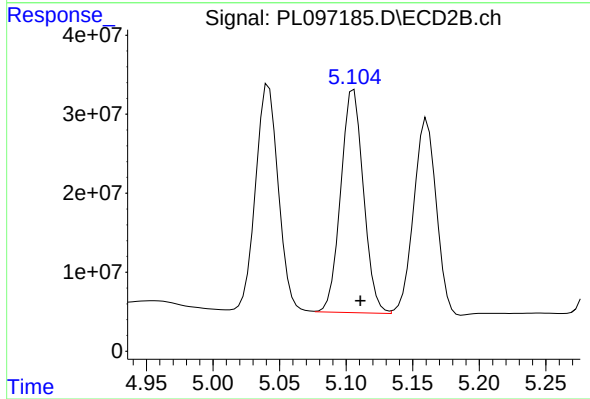
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 239990509
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

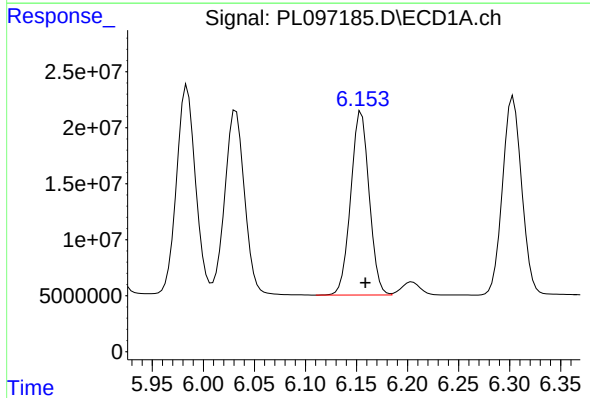
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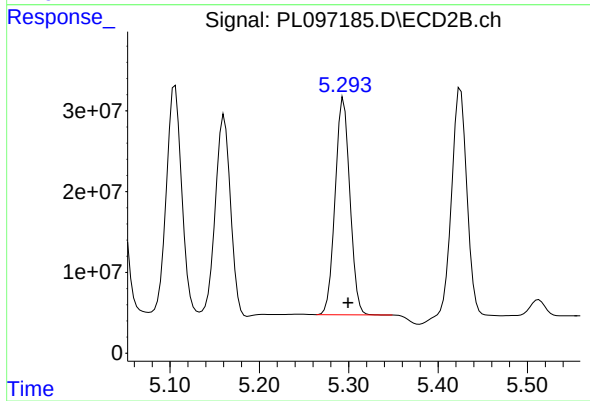
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 334985541
Conc: 51.30 ng/ml



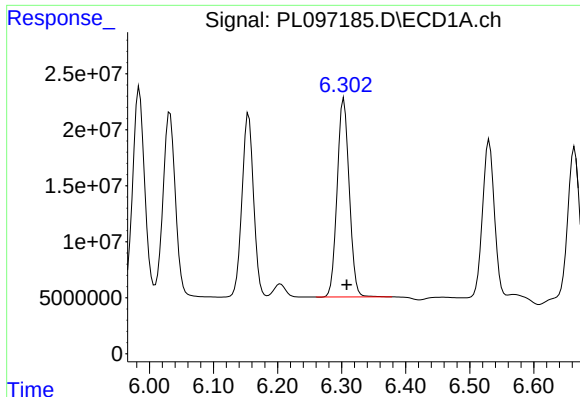
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 206147087
Conc: 51.66 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 307543074
Conc: 49.97 ng/ml



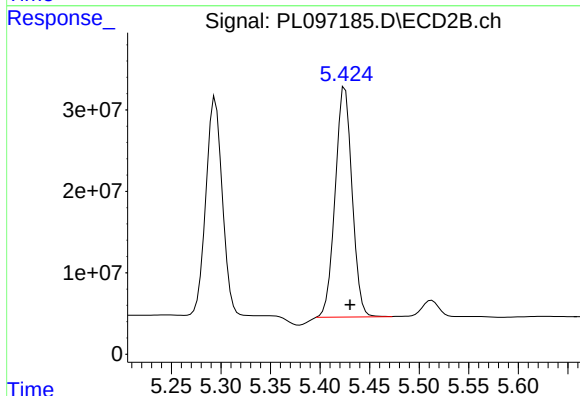
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.005 min
Response: 232701629
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

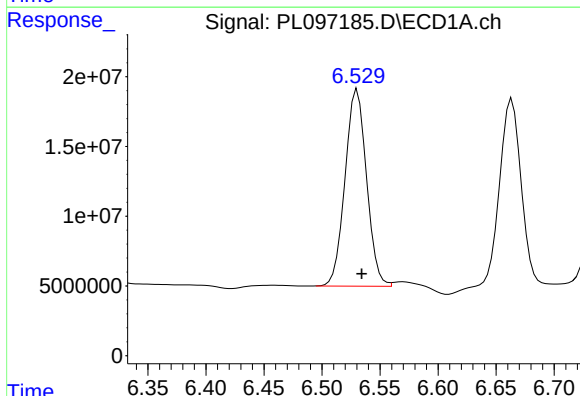
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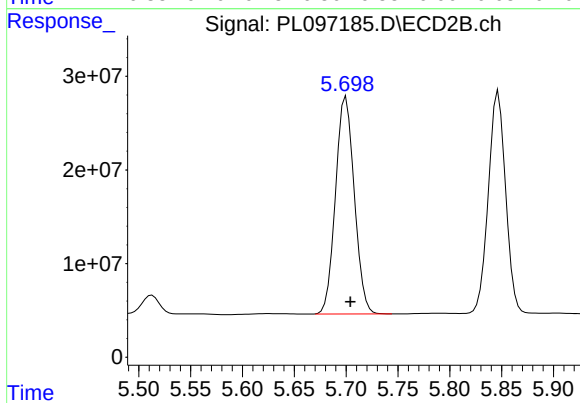
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 335540702
Conc: 51.20 ng/ml m



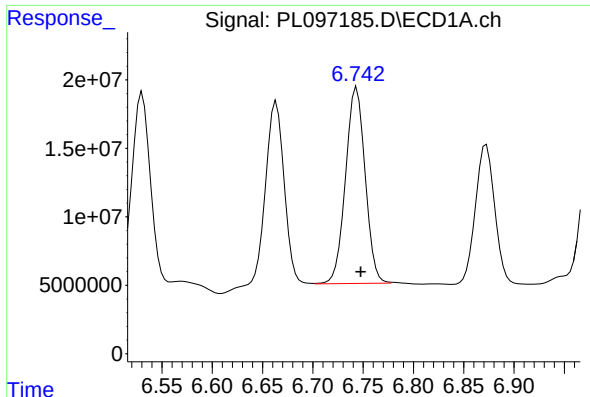
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.005 min
Response: 182566467
Conc: 48.75 ng/ml m



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 292727765
Conc: 49.55 ng/ml



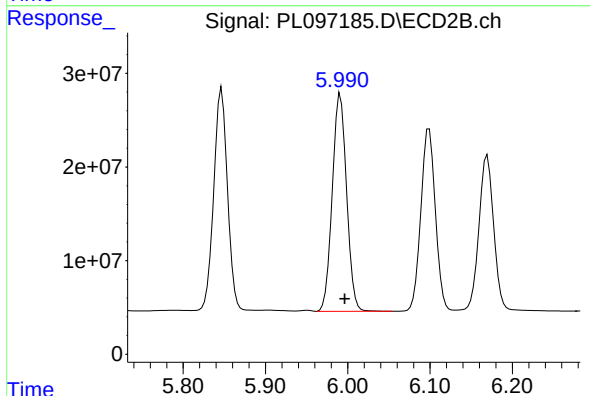
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.005 min
Response: 193839276
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

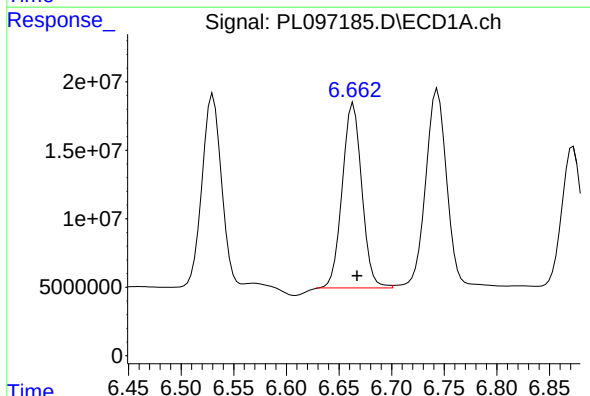
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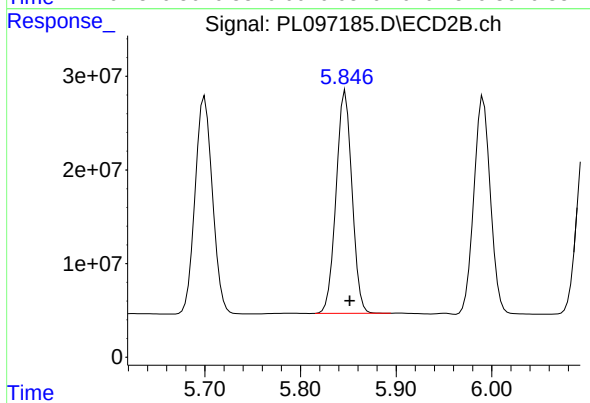
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 280788601
Conc: 49.10 ng/ml



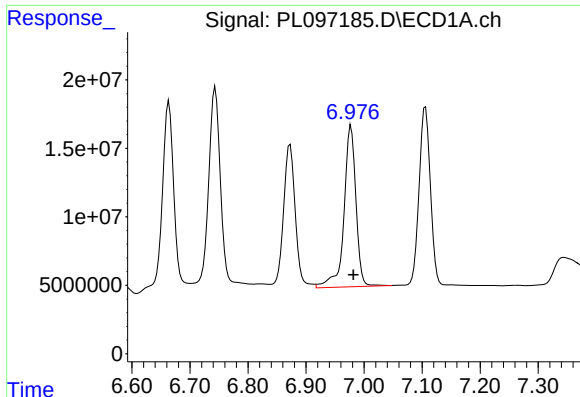
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 175432373
Conc: 55.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 274535013
Conc: 52.57 ng/ml



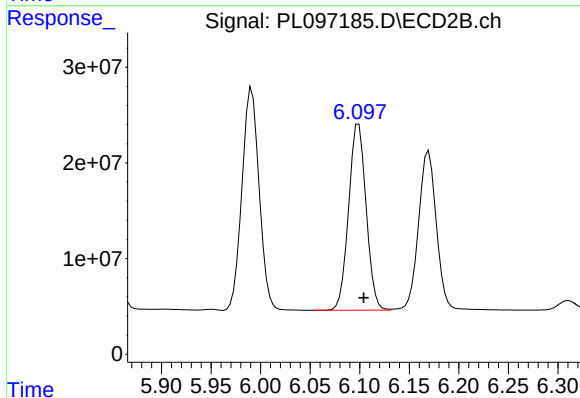
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 168362316
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

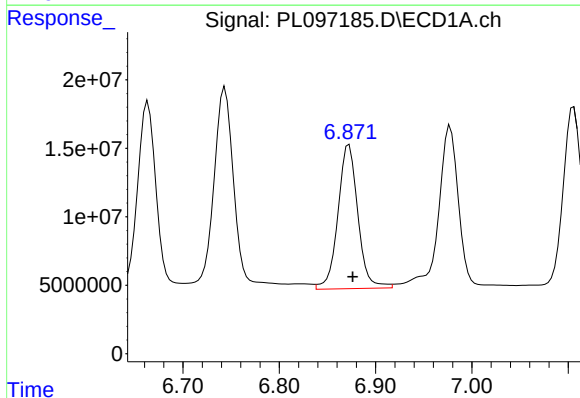
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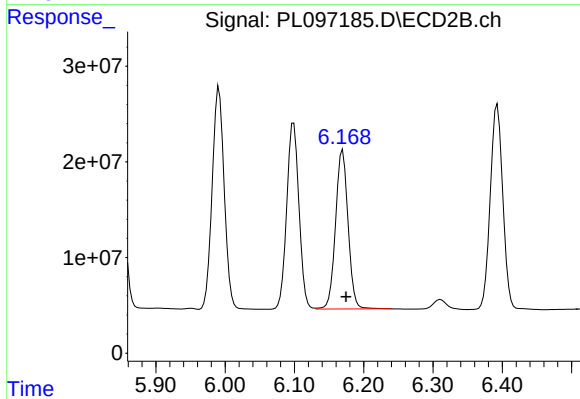
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.005 min
Response: 239539850
Conc: 43.73 ng/ml



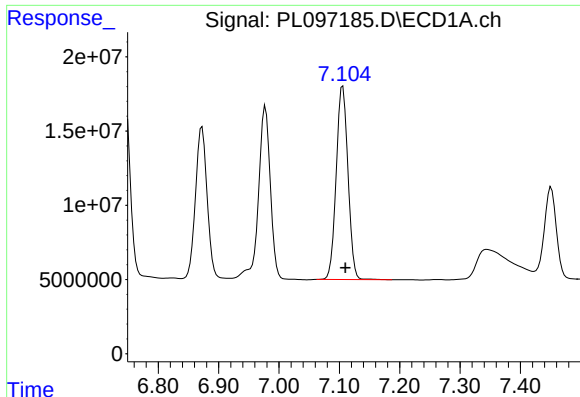
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 151135053
Conc: 58.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 208792828
Conc: 50.24 ng/ml



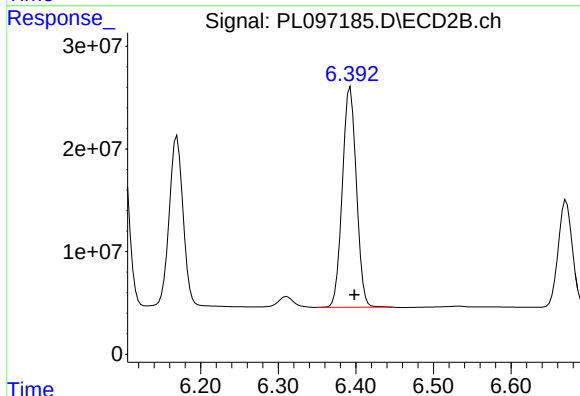
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 176468853
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

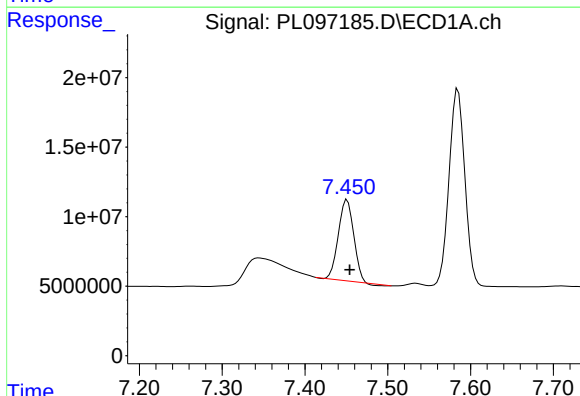
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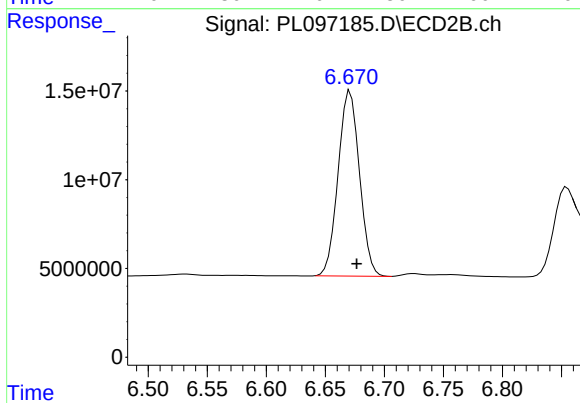
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 270295899
Conc: 48.24 ng/ml



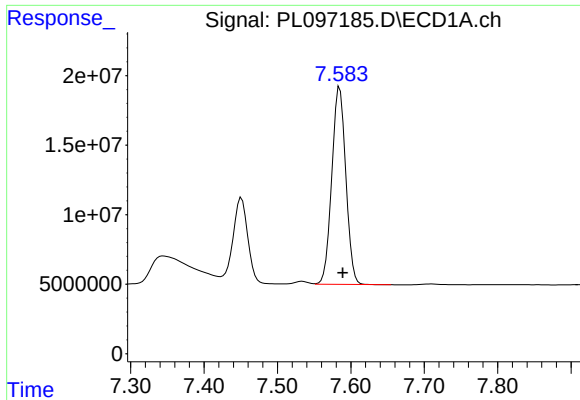
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 74766614
Conc: 43.08 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 131620674
Conc: 43.88 ng/ml



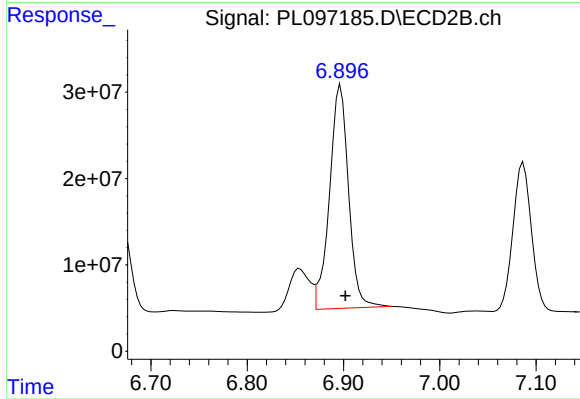
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 188620086
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

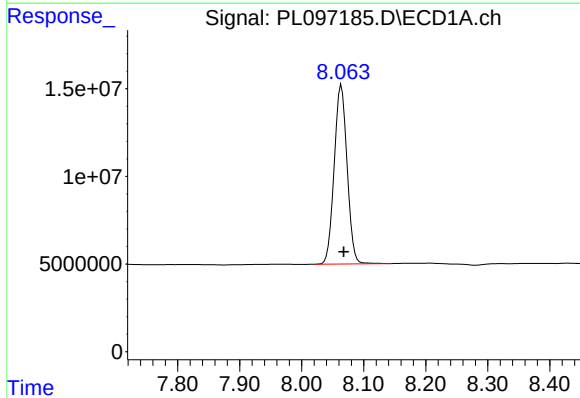
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



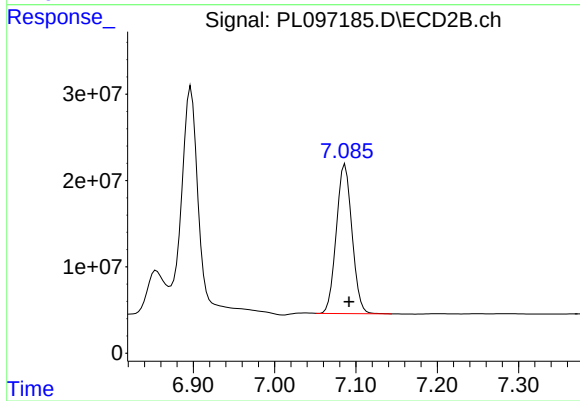
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.005 min
Response: 357241032
Conc: 57.08 ng/ml



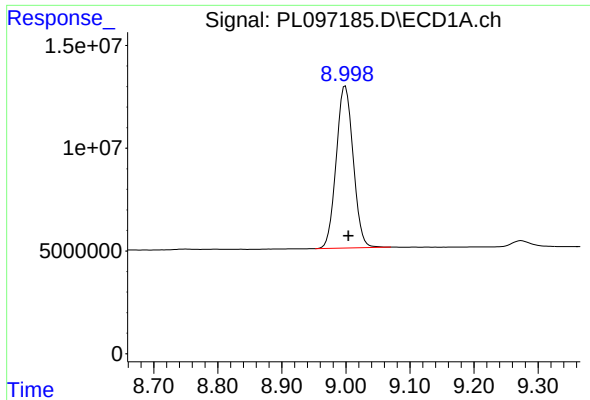
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 148156493
Conc: 49.52 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 231351858
Conc: 47.64 ng/ml



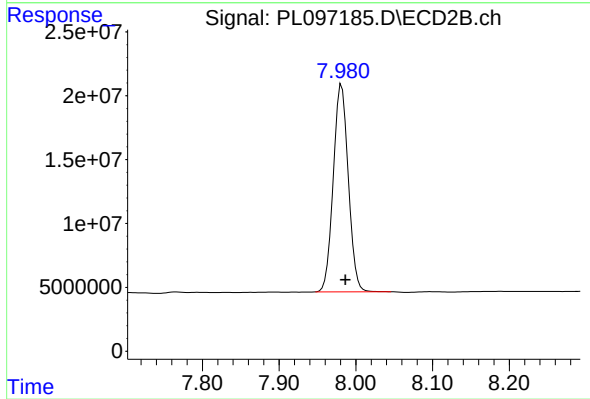
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 144919074
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.005 min
Response: 221185776
Conc: 46.12 ng/ml