

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 17:24
 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 01:21:18 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...	3.527	2.823	192.0E6	269.6E6	48.674	47.827
28)	SA Decachlor...	8.999	7.983	133.0E6	234.8E6	44.936	48.949
Target Compounds							
2)	A alpha-BHC	3.974	3.328	291.7E6	412.2E6	50.352	50.195
3)	MA gamma-BHC...	4.302	3.659	271.3E6	383.8E6	49.666	52.103
4)	MA Heptachlor	4.892	4.007	267.5E6	376.3E6	50.160	50.006
5)	MB Aldrin	5.231	4.289	256.6E6	357.4E6	48.845	50.825
6)	B beta-BHC	4.488	3.955	112.5E6	163.1E6	49.189	50.005
7)	B delta-BHC	4.734	4.188	252.1E6	375.7E6	56.026	51.123
8)	B Heptachlo...	5.649	4.791	241.4E6	322.4E6	46.915m	50.970
9)	A Endosulfan I	6.033	5.162	206.5E6	293.0E6	48.060	48.909
10)	B gamma-Chl...	5.904	5.043	227.5E6	340.0E6	49.403m	51.428
11)	B alpha-Chl...	5.985	5.107	224.4E6	336.6E6	47.682	51.543
12)	B 4,4'-DDE	6.156	5.296	188.1E6	310.3E6	47.129	50.411
13)	MA Dieldrin	6.305	5.425	217.0E6	340.5E6	47.789	51.961m
14)	MA Endrin	6.530	5.702	180.5E6	314.2E6	48.198m	53.195
15)	B Endosulfa...	6.743	5.993	182.1E6	285.7E6	41.350m	49.966
16)	A 4,4'-DDD	6.663	5.848	153.8E6	267.7E6	48.734m	51.251
17)	MA 4,4'-DDT	6.978	6.101	166.8E6	276.3E6	47.614	50.443
18)	B Endrin al...	6.872	6.171	126.5E6	215.6E6	48.616m	52.038
19)	B Endosulfa...	7.106	6.395	162.0E6	279.7E6	47.183	49.913
20)	A Methoxychlor	7.450	6.673	80043206	149.8E6	46.121m	49.944
21)	B Endrin ke...	7.585	6.899	169.4E6	353.9E6	47.637	56.548
22)	Mirex	8.064	7.088	139.0E6	242.7E6	46.472	49.968

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

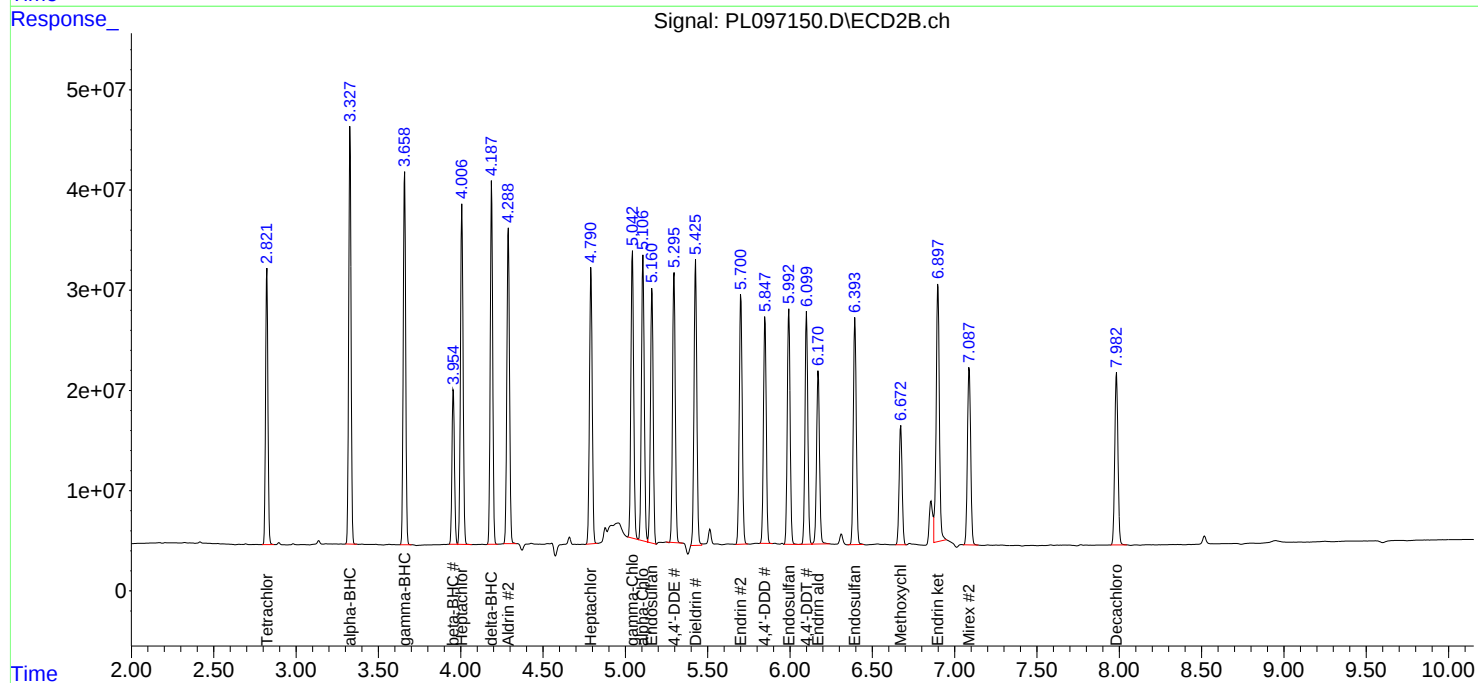
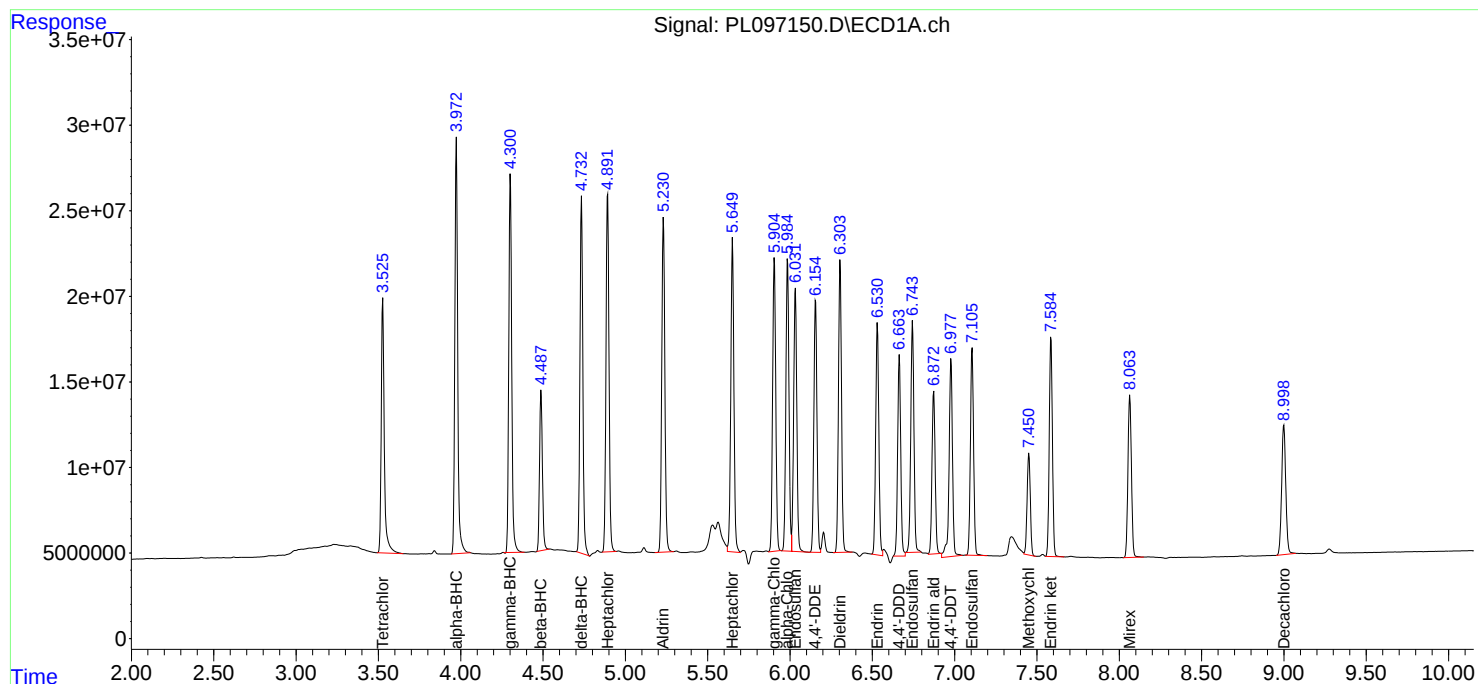
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

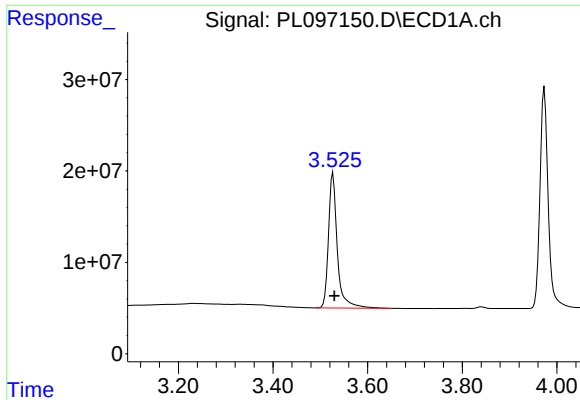
Manual Integrations
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Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:18 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





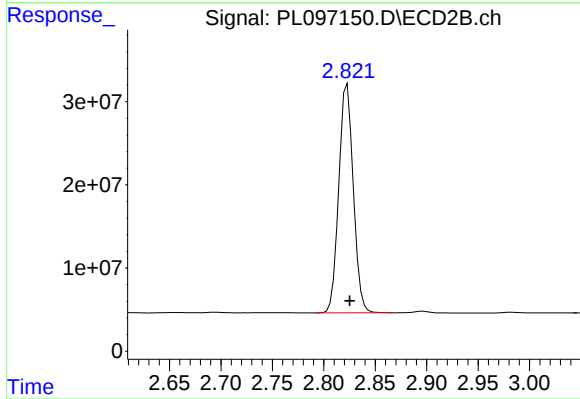
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 191963337
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

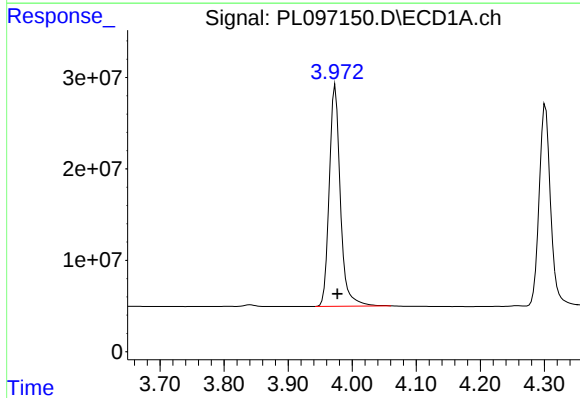
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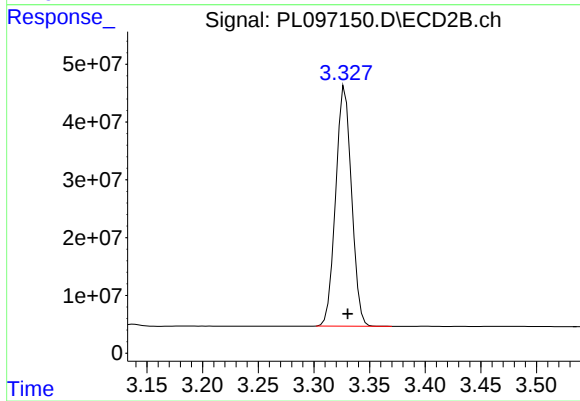
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 269585053
Conc: 47.83 ng/ml



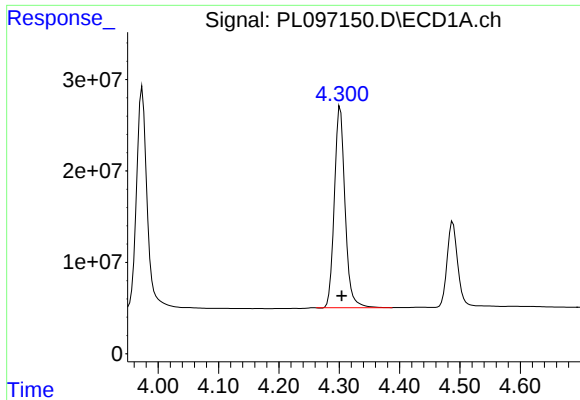
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 291738507
Conc: 50.35 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 412162958
Conc: 50.19 ng/ml



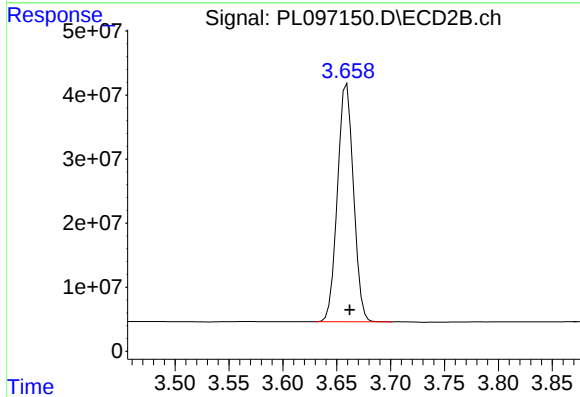
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 271267166
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

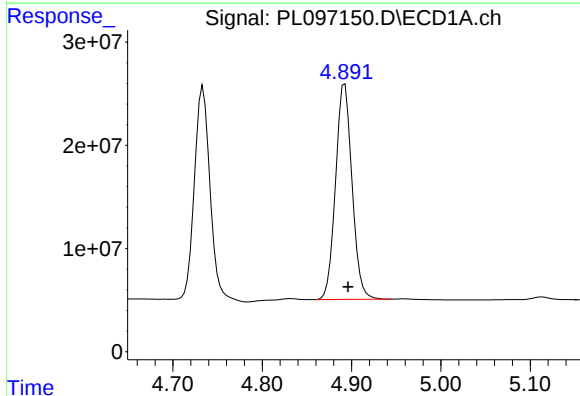
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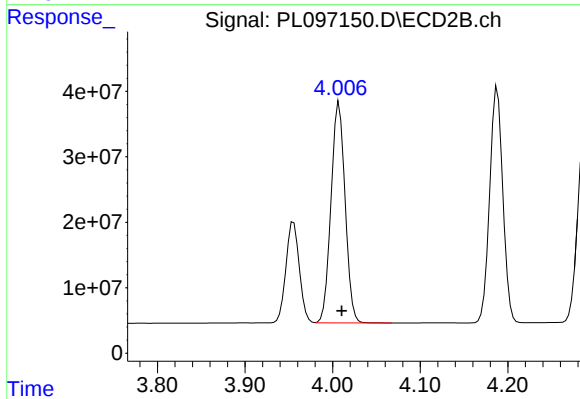
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 383816853
Conc: 52.10 ng/ml



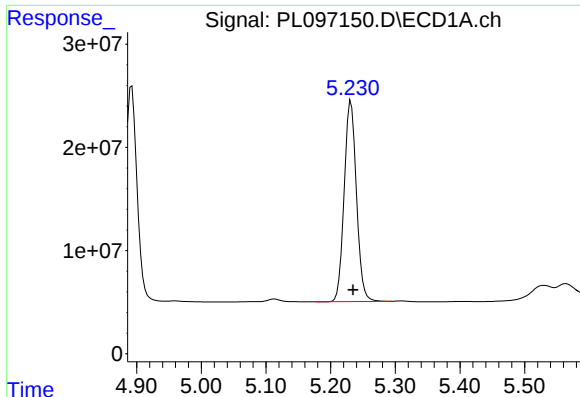
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 267468842
Conc: 50.16 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 376254747
Conc: 50.01 ng/ml



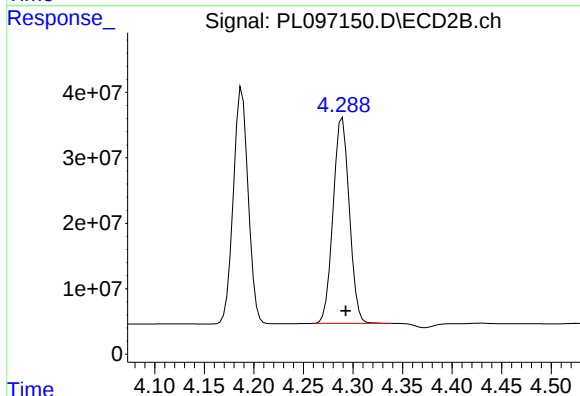
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 256608965
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

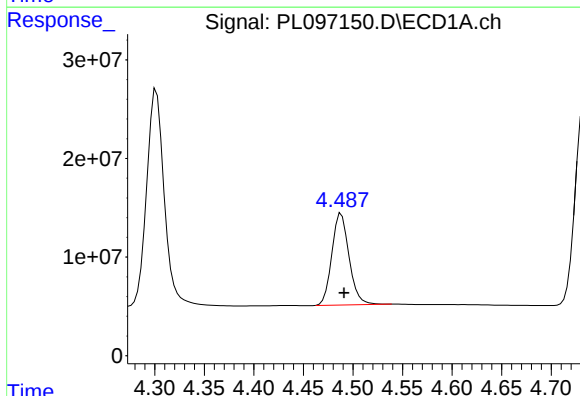
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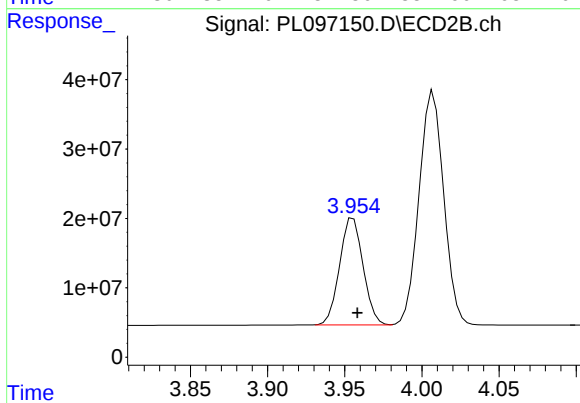
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 357440222
Conc: 50.82 ng/ml



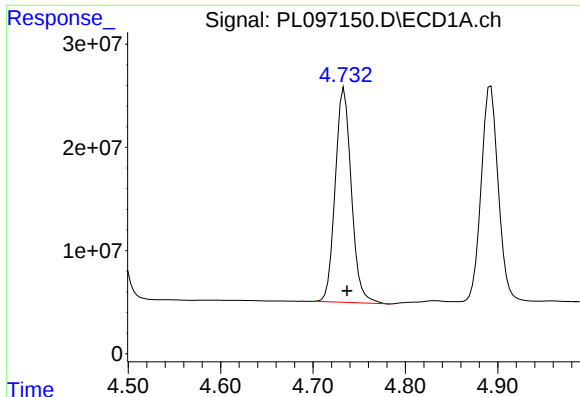
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 112498619
Conc: 49.19 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 163132404
Conc: 50.01 ng/ml



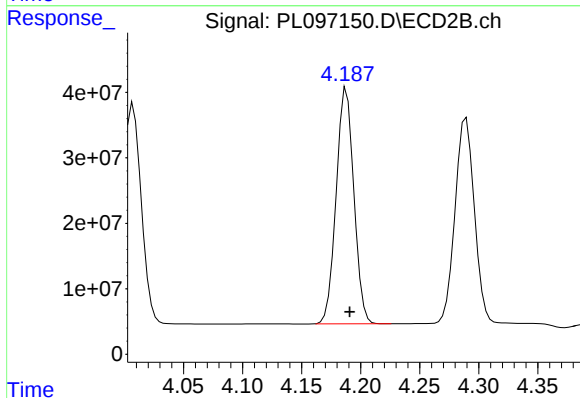
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 252113963
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

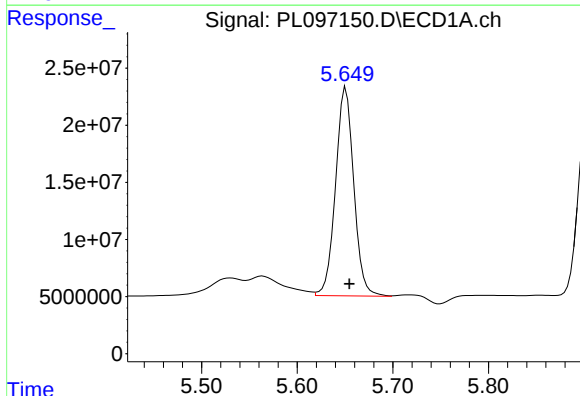
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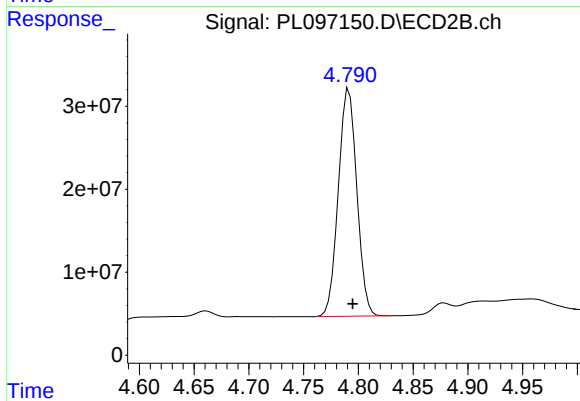
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 375697431
Conc: 51.12 ng/ml



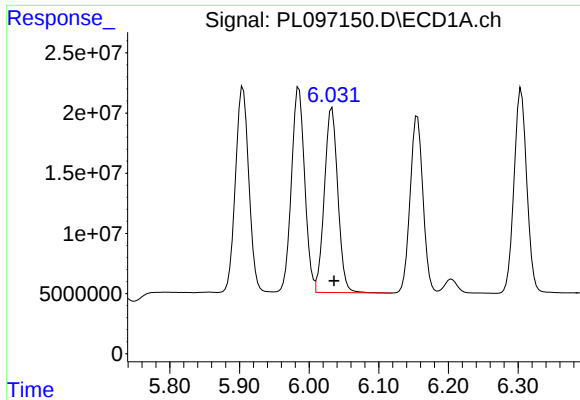
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.005 min
Response: 241413938
Conc: 46.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 322385581
Conc: 50.97 ng/ml



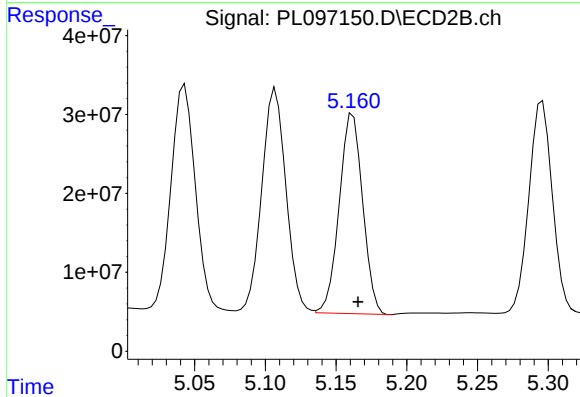
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 206505239
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

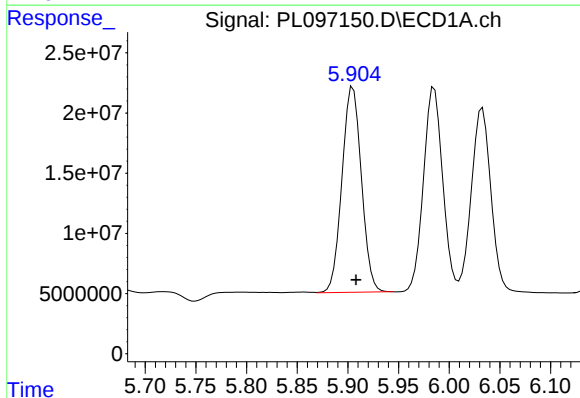
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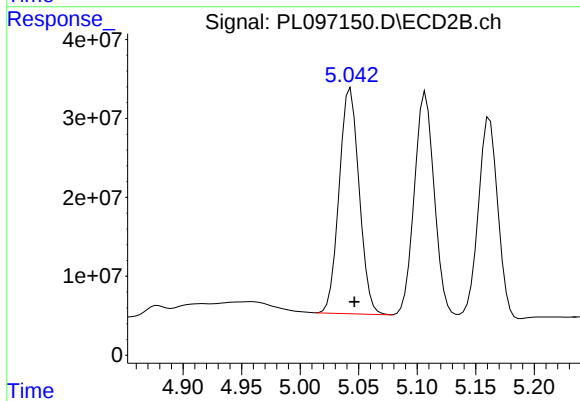
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 293029883
Conc: 48.91 ng/ml



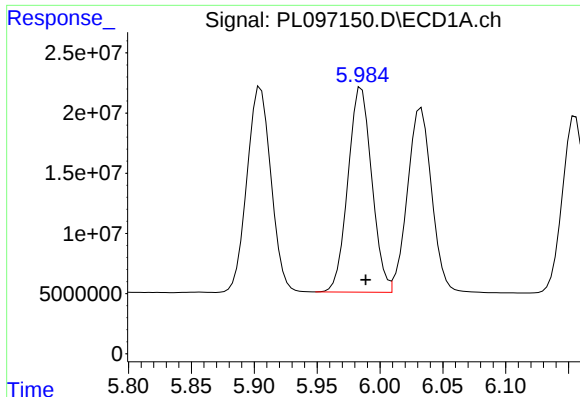
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 227525742
Conc: 49.40 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 339997972
Conc: 51.43 ng/ml



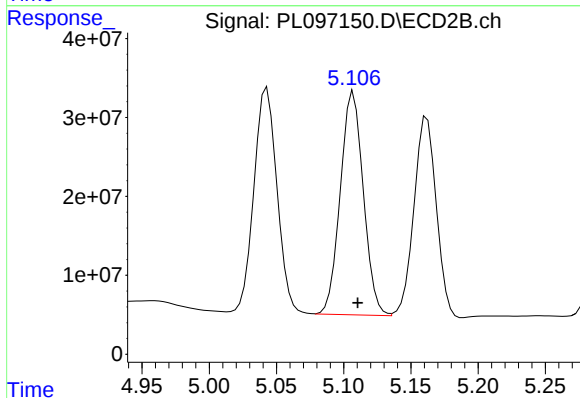
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 224387915
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

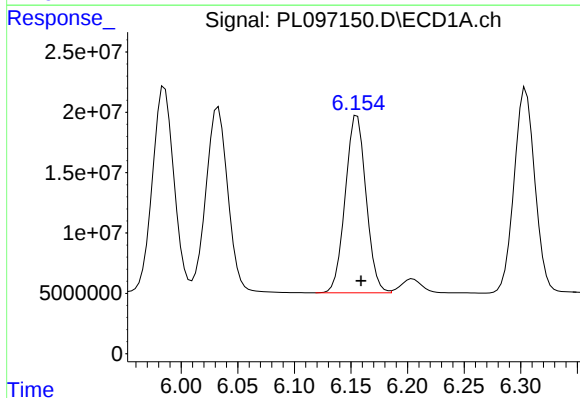
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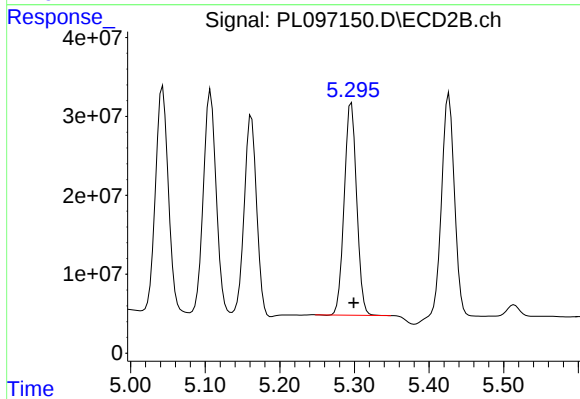
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 336564513
Conc: 51.54 ng/ml



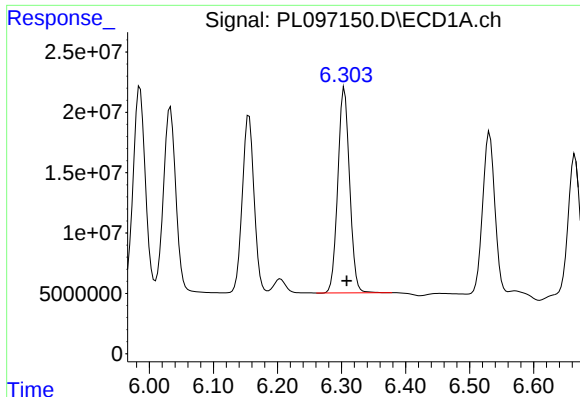
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 188051600
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 310266147
Conc: 50.41 ng/ml



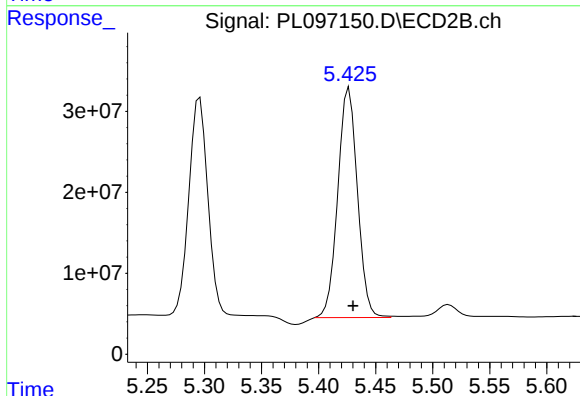
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 217004435
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

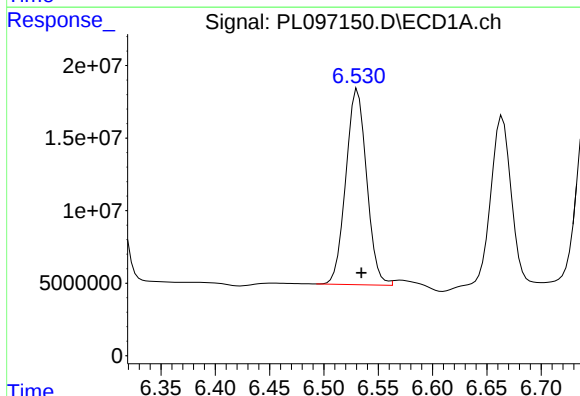
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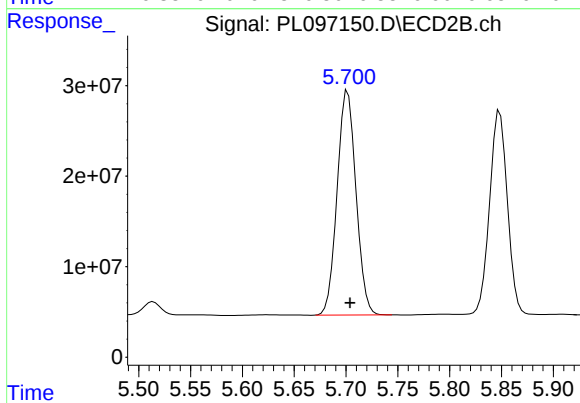
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 340503320
Conc: 51.96 ng/ml m



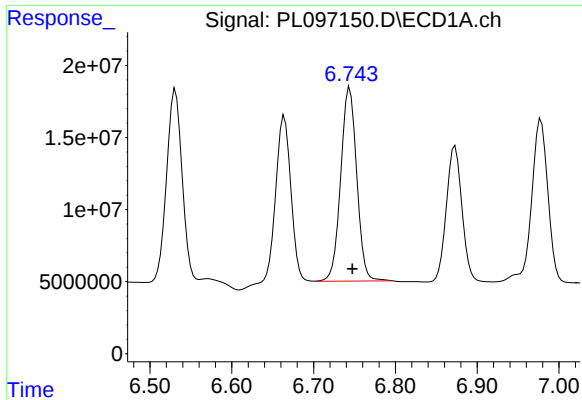
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.005 min
Response: 180495637
Conc: 48.20 ng/ml m



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 314230783
Conc: 53.19 ng/ml



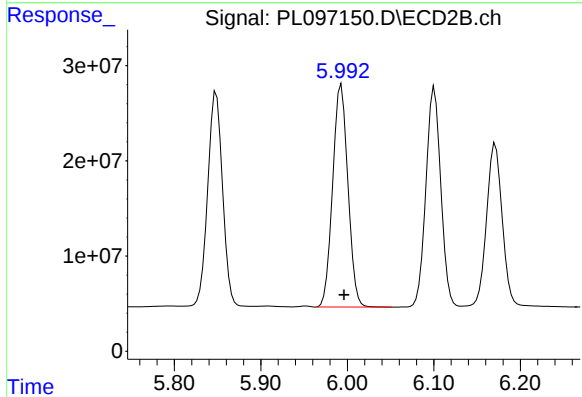
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.005 min
Response: 182149837
Conc: 41.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

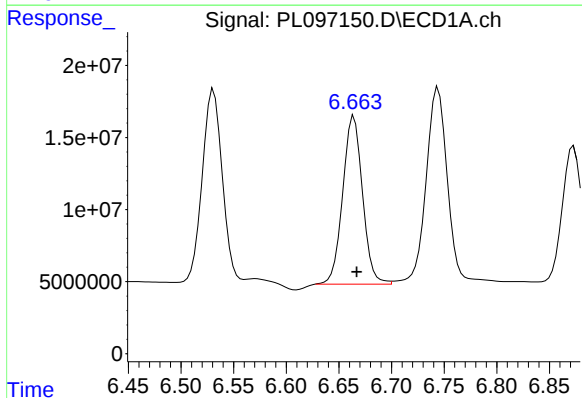
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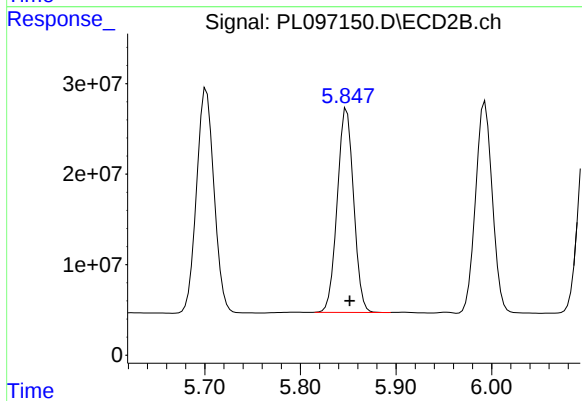
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 285744480
Conc: 49.97 ng/ml



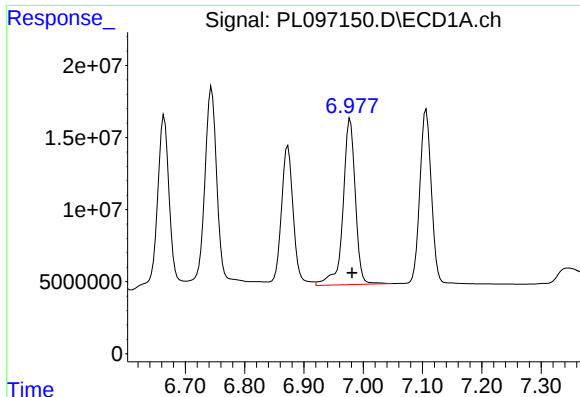
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 153795854
Conc: 48.73 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 267653231
Conc: 51.25 ng/ml



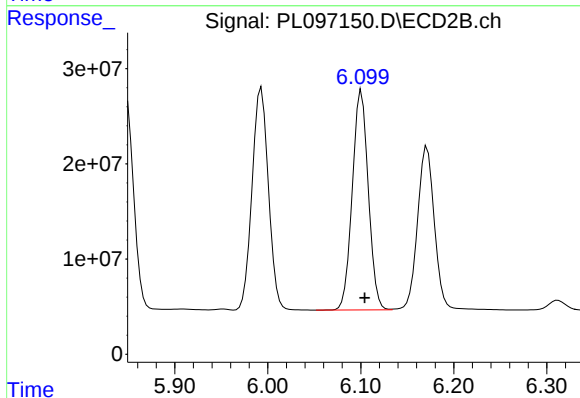
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 166763561
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

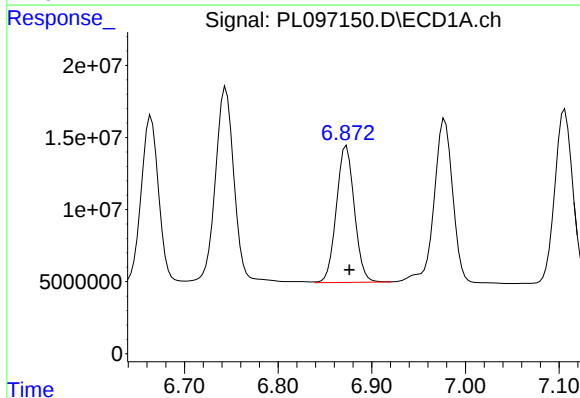
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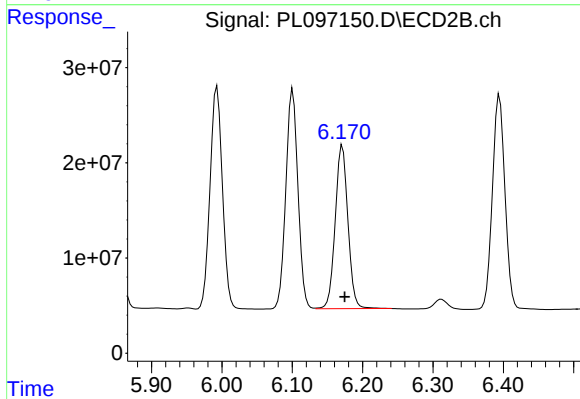
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 276291407
Conc: 50.44 ng/ml



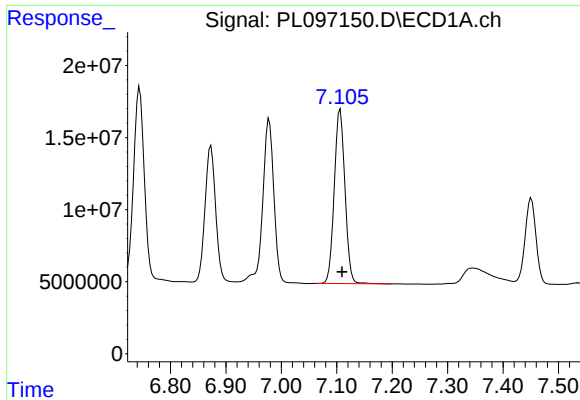
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 126472155
Conc: 48.62 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 215575187
Conc: 52.04 ng/ml



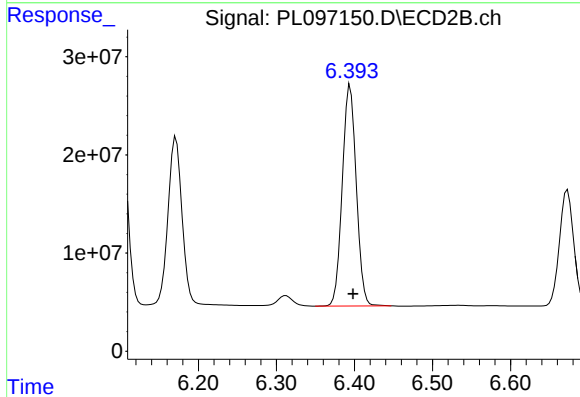
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 161994598
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

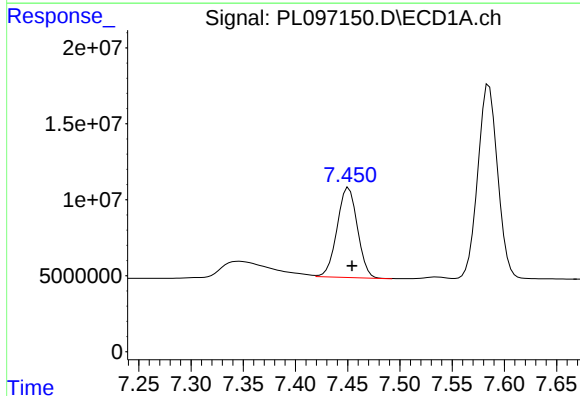
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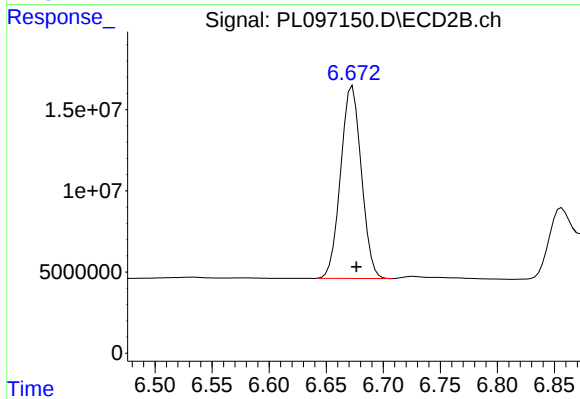
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 279658780
Conc: 49.91 ng/ml



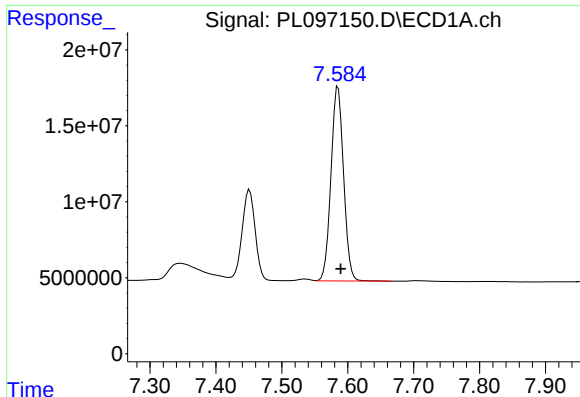
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.005 min
Response: 80043206
Conc: 46.12 ng/ml m



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 149820739
Conc: 49.94 ng/ml



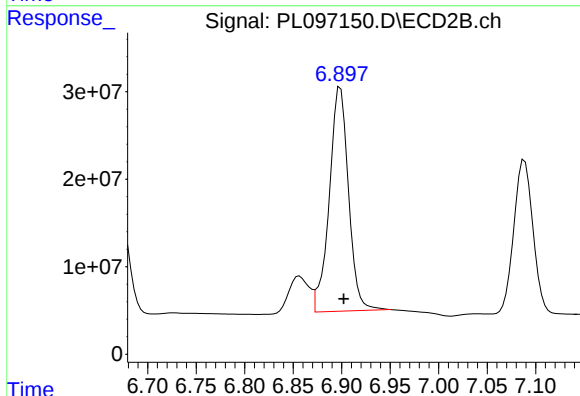
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 169360767
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

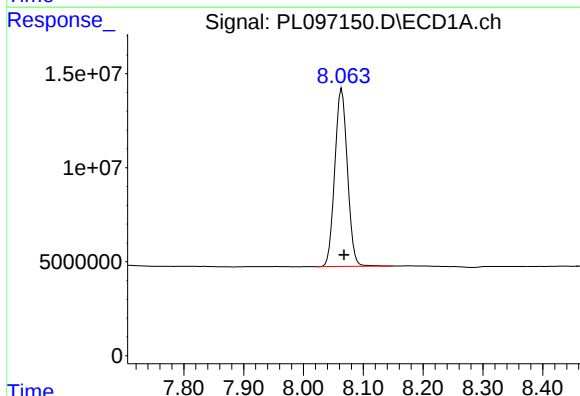
Manual Integrations
APPROVED

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



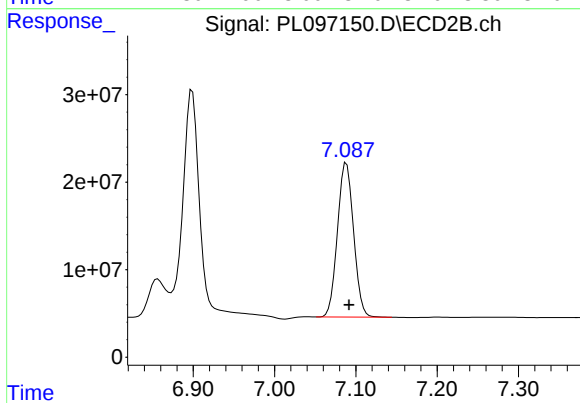
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 353929936
Conc: 56.55 ng/ml



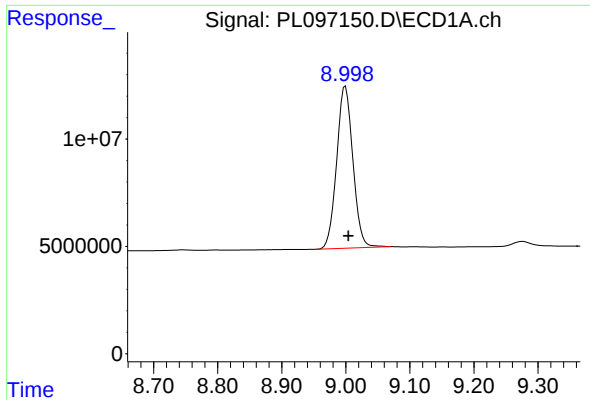
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 139037797
Conc: 46.47 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 242673754
Conc: 49.97 ng/ml



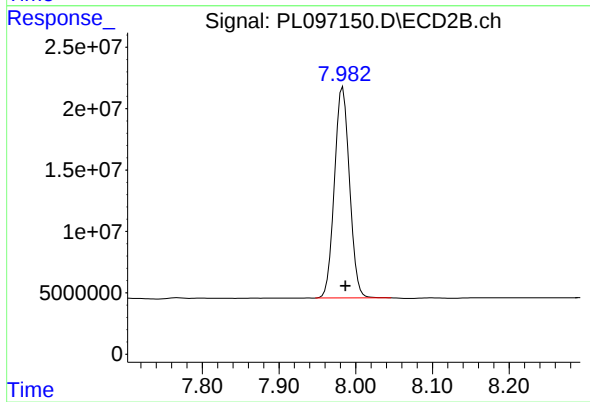
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 133041596
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 234751266
Conc: 48.95 ng/ml