

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
 Data File : PL097768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 18:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/03/2025
 Supervised By : mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:04:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 26 07:07:11 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...	3.504	2.803	239.3E6	324.4E6	46.695	45.347
28)	SA Decachlor...	8.971	7.954	142.2E6	226.9E6	44.289	48.204
Target Compounds							
2)	A alpha-BHC	3.951	3.306	408.8E6	532.3E6	48.184	46.470
3)	MA gamma-BHC...	4.279	3.636	376.6E6	489.8E6	48.311	47.720
4)	MA Heptachlor	4.869	3.982	368.9E6	450.3E6	49.452	47.585
5)	MB Aldrin	5.208	4.264	336.0E6	448.0E6	48.962	47.222
6)	B beta-BHC	4.469	3.933	154.6E6	205.5E6	47.342	46.443
7)	B delta-BHC	4.713	4.164	359.0E6	483.3E6	51.441	47.176
8)	B Heptachlo...	5.626	4.765	304.9E6	399.5E6	48.489m	47.610
9)	A Endosulfan I	6.009	5.135	261.2E6	380.9E6	48.422	44.044
10)	B gamma-Chl...	5.882	5.015	291.6E6	429.1E6	48.797	47.947m
11)	B alpha-Chl...	5.961	5.080	286.4E6	428.3E6	47.883	45.744
12)	B 4,4'-DDE	6.133	5.267	256.2E6	390.4E6	47.828	47.962m
13)	MA Dieldrin	6.281	5.399	272.3E6	425.5E6	48.678	49.243
14)	MA Endrin	6.508	5.673	225.5E6	368.2E6	48.990	47.910
15)	B Endosulfa...	6.722	5.965	238.7E6	349.5E6	47.057	48.017
16)	A 4,4'-DDD	6.643	5.821	205.5E6	326.5E6	48.261	48.266
17)	MA 4,4'-DDT	6.956	6.073	191.5E6	272.4E6	52.478	55.281
18)	B Endrin al...	6.852	6.144	167.9E6	257.7E6	46.230	45.889
19)	B Endosulfa...	7.085	6.367	198.3E6	335.2E6	45.075	48.836
20)	A Methoxychlor	7.430	6.646	95159315	142.4E6	50.421	53.017
21)	B Endrin ke...	7.564	6.871	205.6E6	356.2E6	47.112	48.892
22)	Mirex	8.040	7.059	140.6E6	254.1E6	46.242	49.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
Data File : PL097768.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 18:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

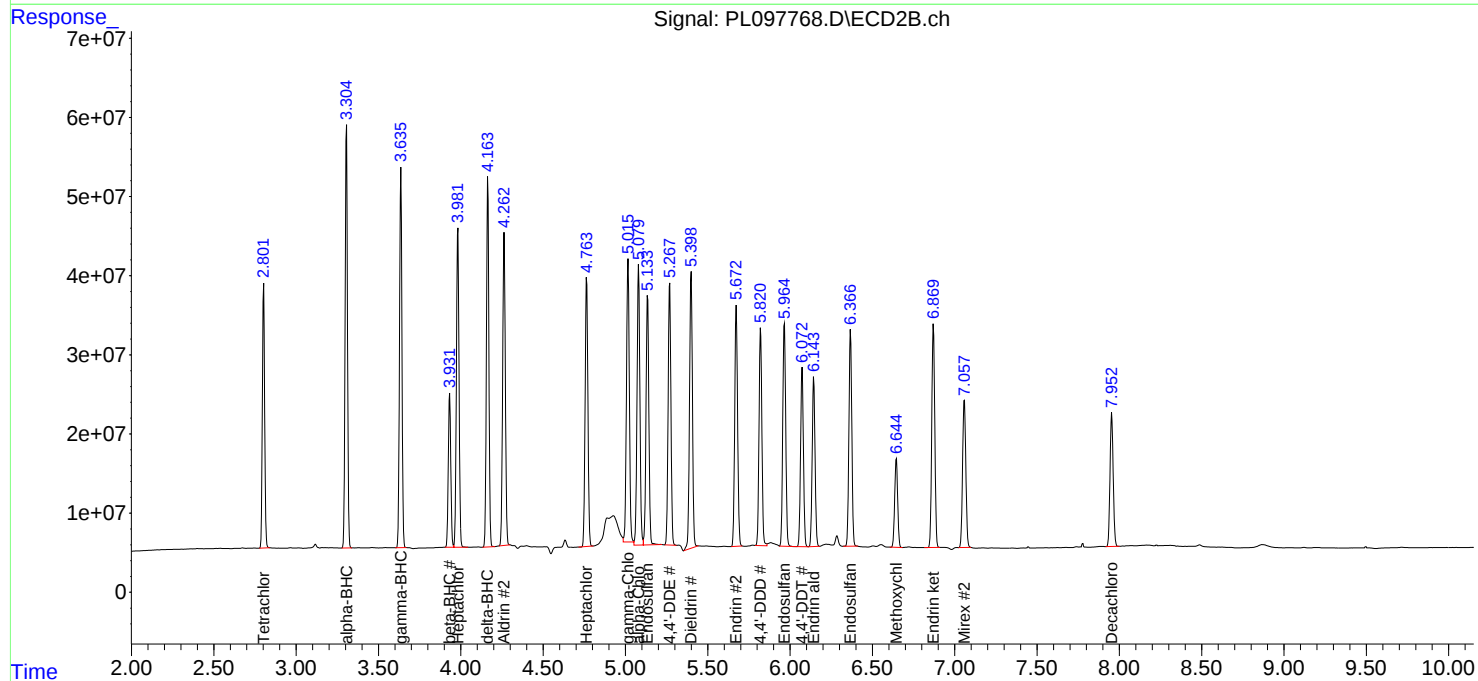
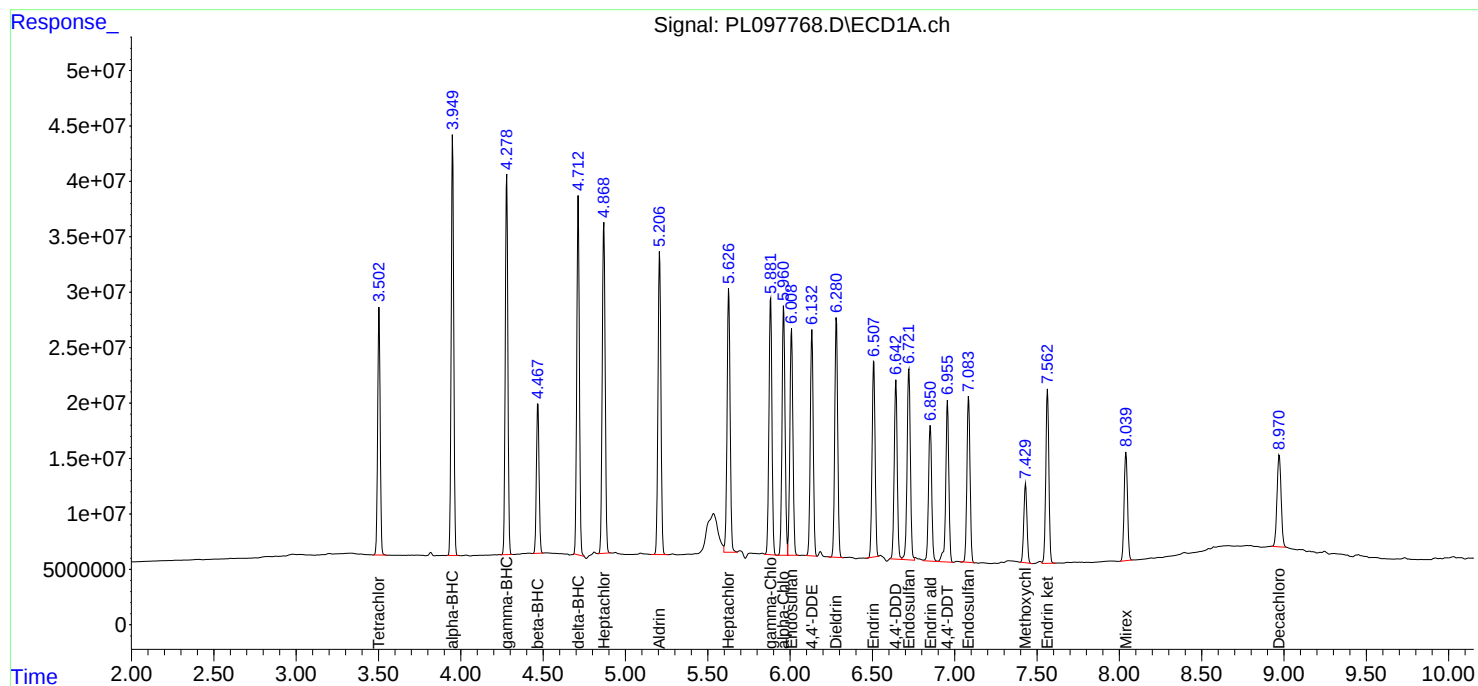
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

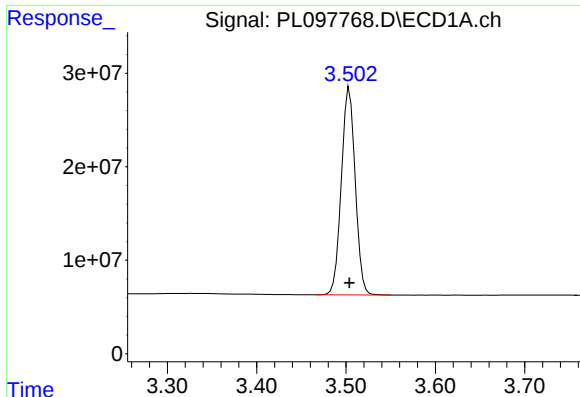
Manual Integrations
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Supervised By :mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:04:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
QLast Update : Wed Nov 26 07:07:11 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





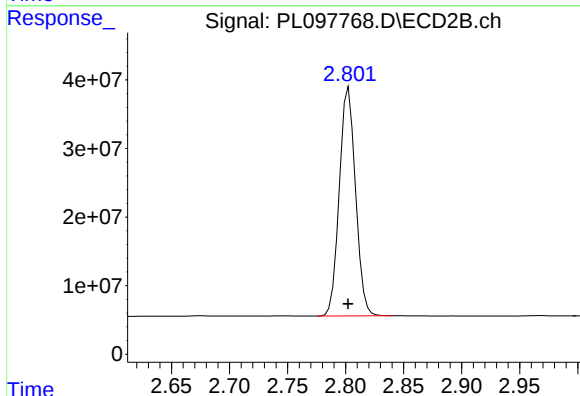
#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: 0.000 min
Response: 239254875
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

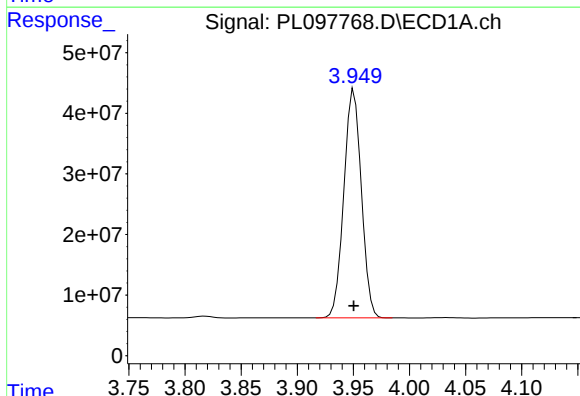
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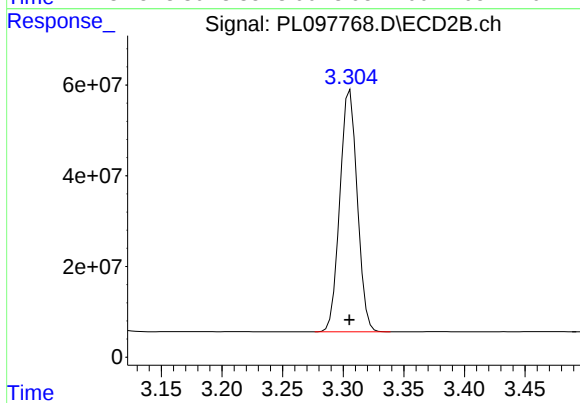
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: 0.000 min
Response: 324362785
Conc: 45.35 ng/ml



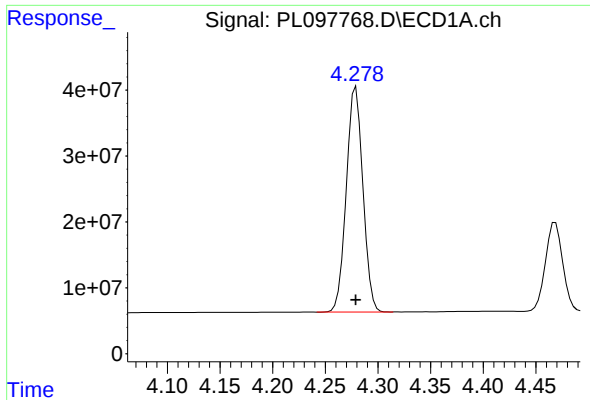
#2 alpha-BHC

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 408780804
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 532291973
Conc: 46.47 ng/ml



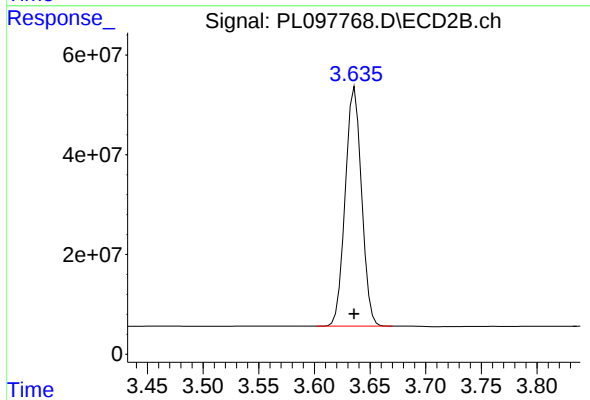
#3 gamma-BHC (Lindane)

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 376566296
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

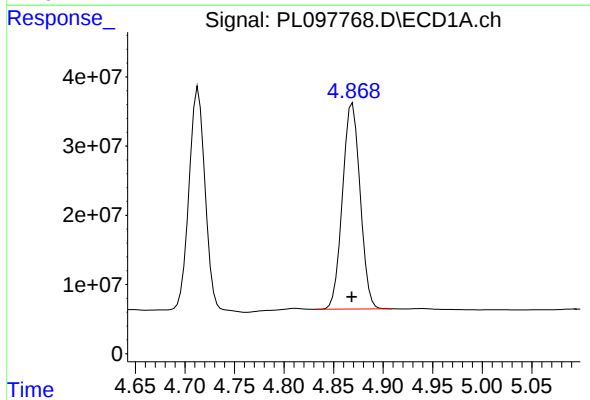
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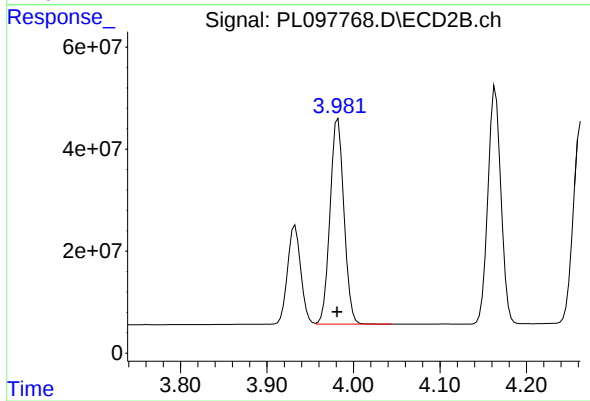
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 489811114
Conc: 47.72 ng/ml



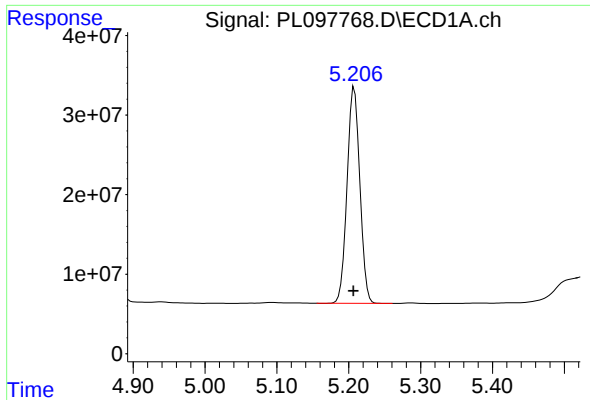
#4 Heptachlor

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 368911673
Conc: 49.45 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 450254773
Conc: 47.58 ng/ml



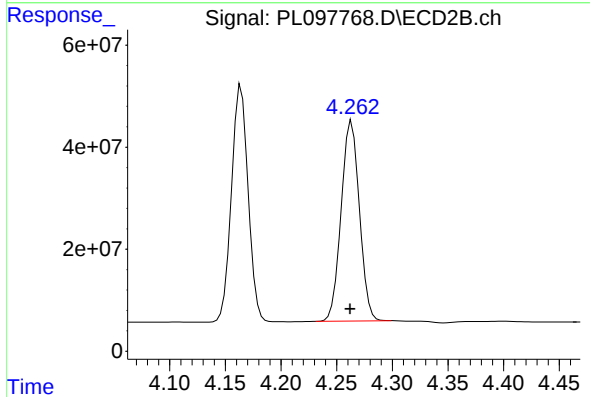
#5 Aldrin

R.T.: 5.208 min
Delta R.T.: 0.001 min
Response: 335982740
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

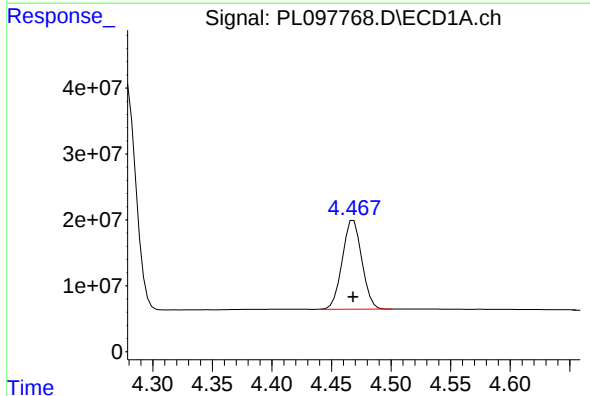
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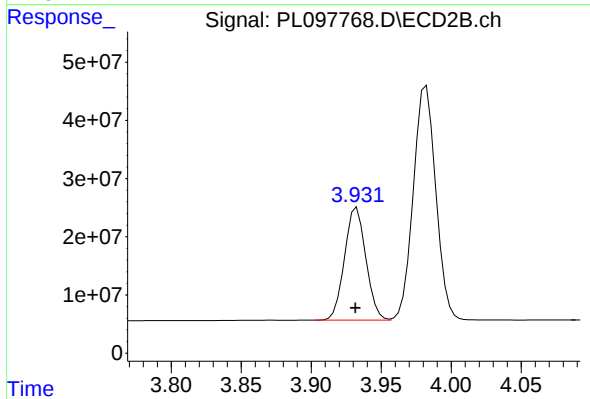
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.001 min
Response: 448004365
Conc: 47.22 ng/ml



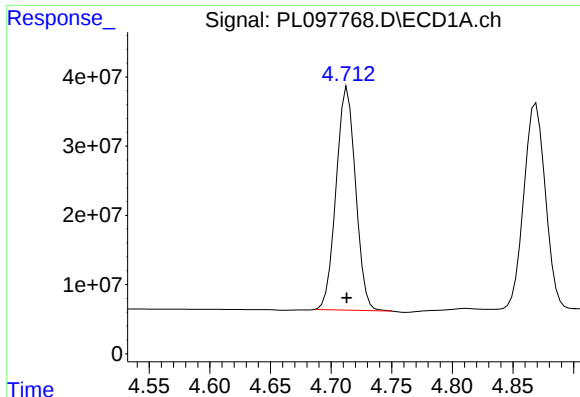
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 154582625
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.001 min
Response: 205459973
Conc: 46.44 ng/ml



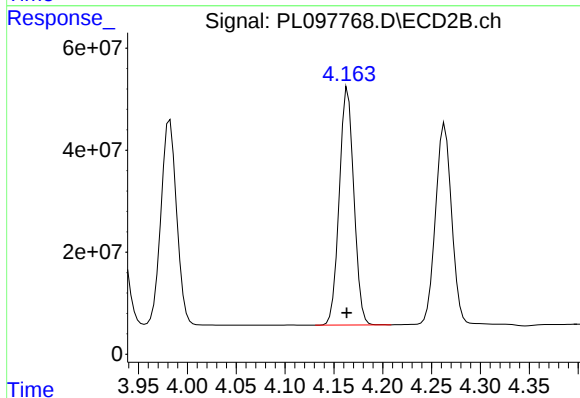
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 359047978
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

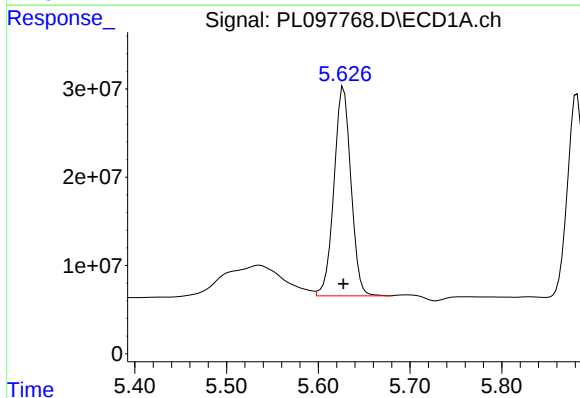
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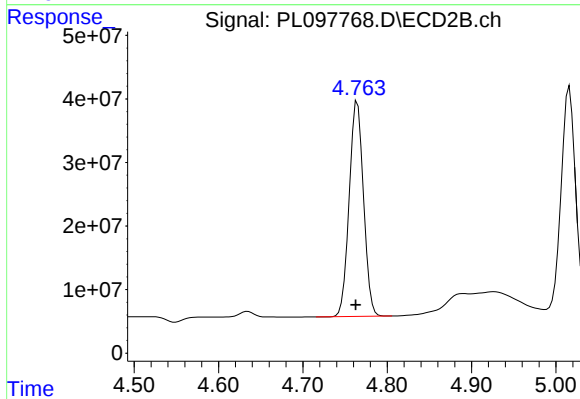
#7 delta-BHC

R.T.: 4.164 min
Delta R.T.: 0.001 min
Response: 483338293
Conc: 47.18 ng/ml



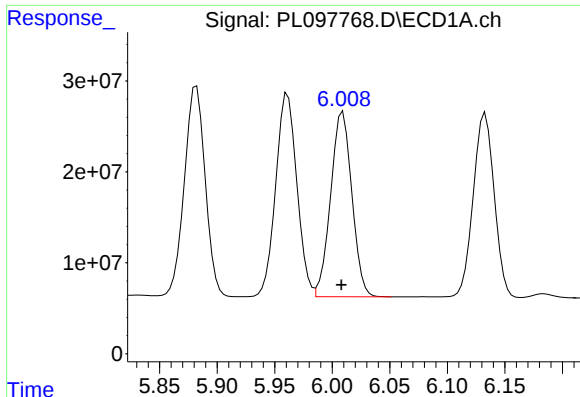
#8 Heptachlor epoxide

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 304926788
Conc: 48.49 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 399542608
Conc: 47.61 ng/ml



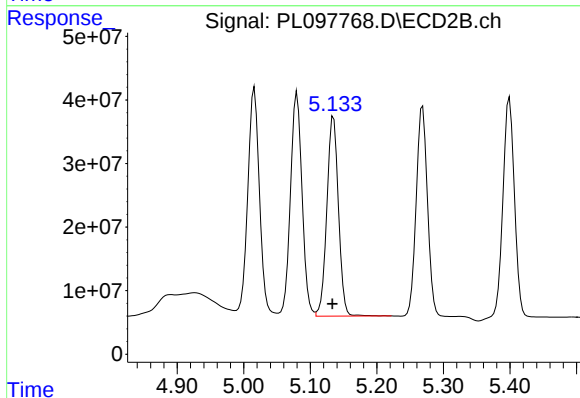
#9 Endosulfan I

R.T.: 6.009 min
Delta R.T.: 0.001 min
Response: 261239349
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

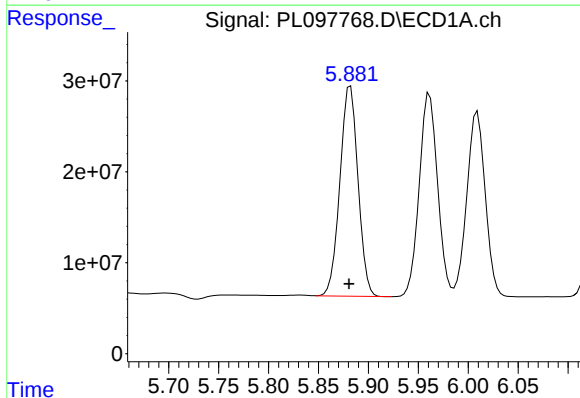
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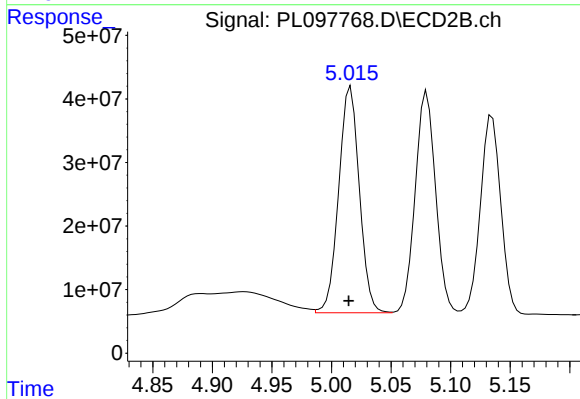
#9 Endosulfan I

R.T.: 5.135 min
Delta R.T.: 0.002 min
Response: 380937705
Conc: 44.04 ng/ml



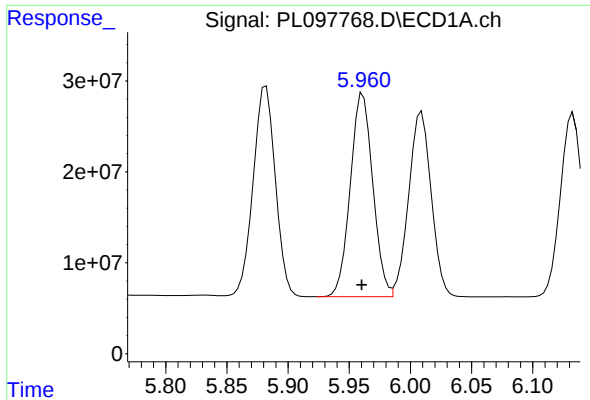
#10 gamma-Chlordane

R.T.: 5.882 min
Delta R.T.: 0.001 min
Response: 291610540
Conc: 48.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 429132014
Conc: 47.95 ng/ml m



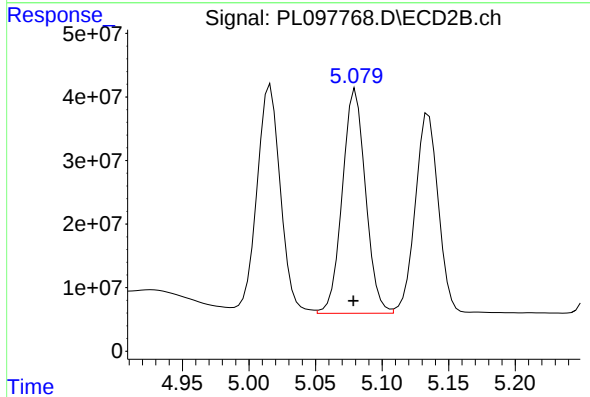
#11 alpha-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 286426697
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

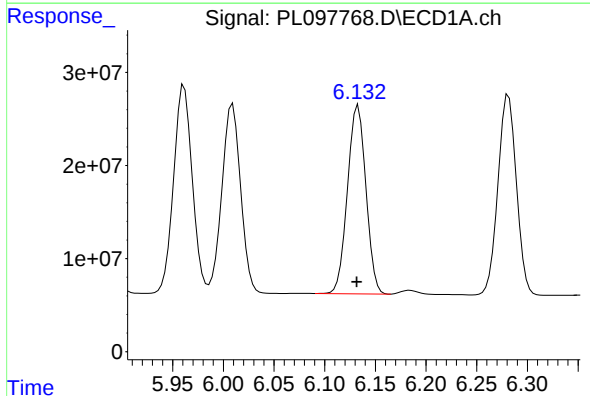
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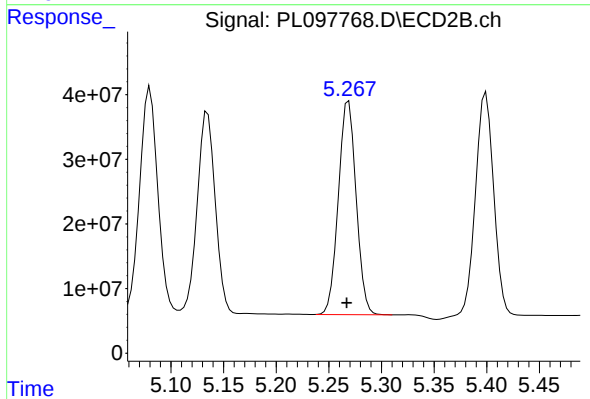
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.002 min
Response: 428317679
Conc: 45.74 ng/ml



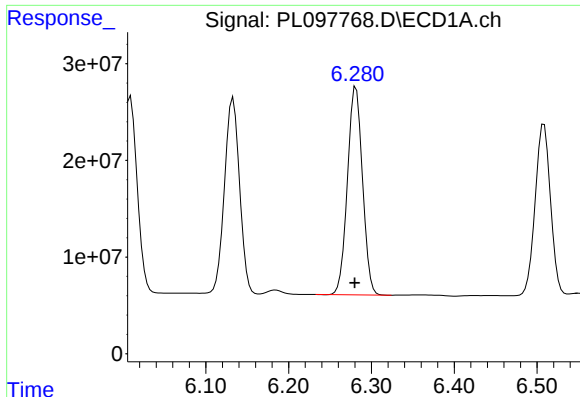
#12 4,4'-DDE

R.T.: 6.133 min
Delta R.T.: 0.001 min
Response: 256222470
Conc: 47.83 ng/ml



#12 4,4'-DDE

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 390361120
Conc: 47.96 ng/ml m



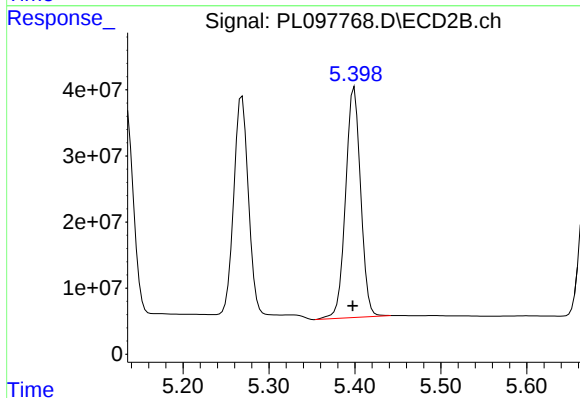
#13 Dieldrin

R.T.: 6.281 min
Delta R.T.: 0.001 min
Response: 272276322
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

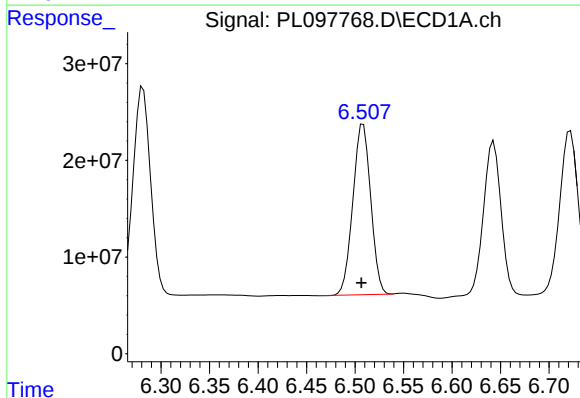
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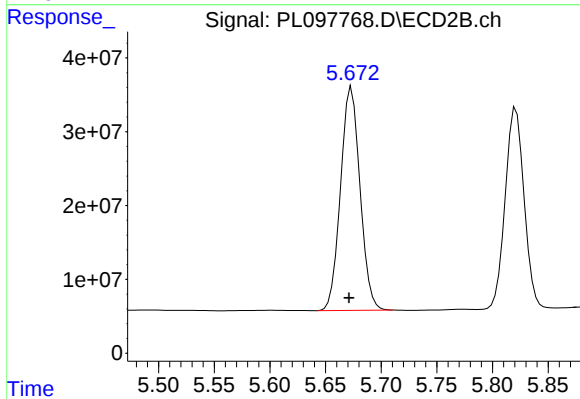
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 425501233
Conc: 49.24 ng/ml



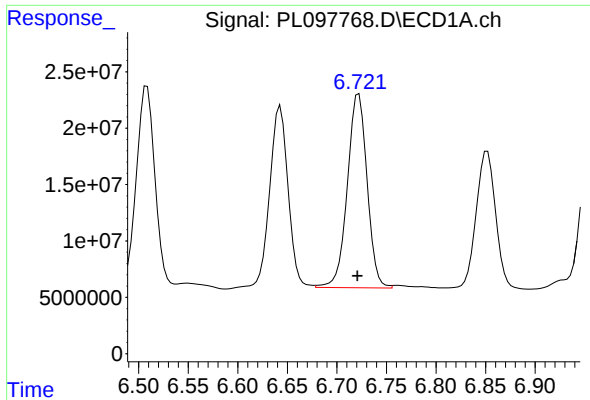
#14 Endrin

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 225525750
Conc: 48.99 ng/ml



#14 Endrin

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 368242184
Conc: 47.91 ng/ml



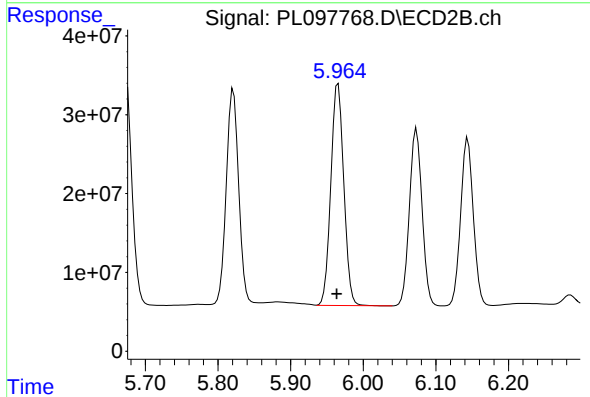
#15 Endosulfan II

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 238721020
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

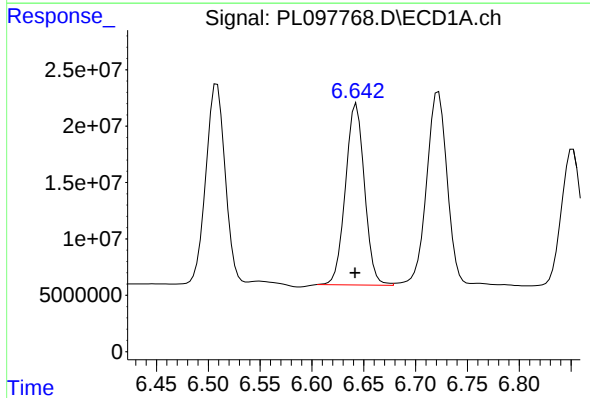
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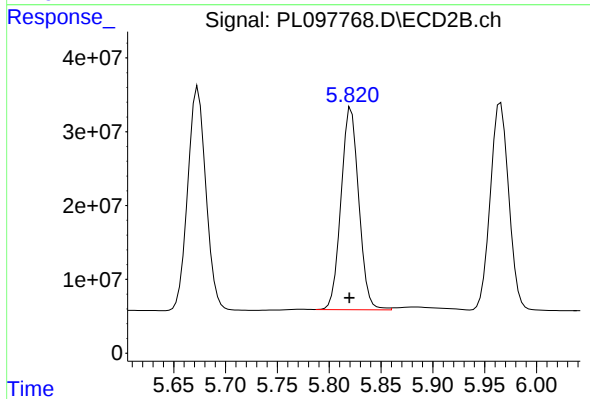
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 349527846
Conc: 48.02 ng/ml



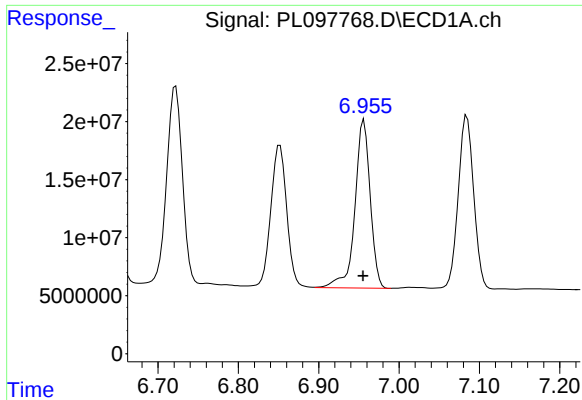
#16 4,4'-DDD

R.T.: 6.643 min
Delta R.T.: 0.001 min
Response: 205474075
Conc: 48.26 ng/ml



#16 4,4'-DDD

R.T.: 5.821 min
Delta R.T.: 0.001 min
Response: 326508455
Conc: 48.27 ng/ml



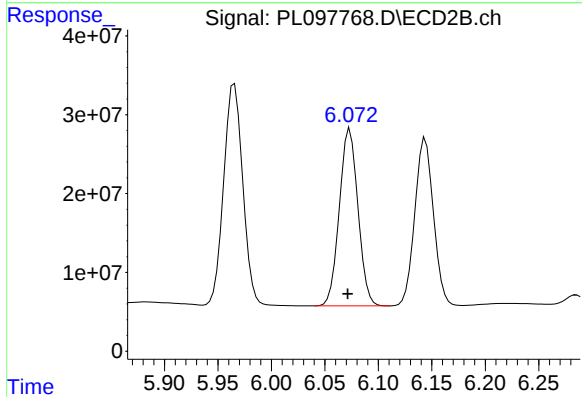
#17 4,4'-DDT

R.T.: 6.956 min
Delta R.T.: 0.001 min
Response: 191489455
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

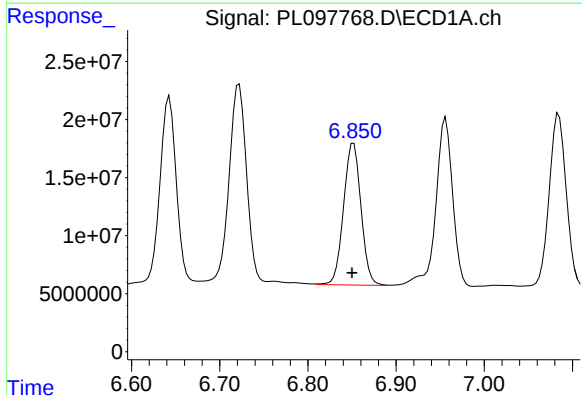
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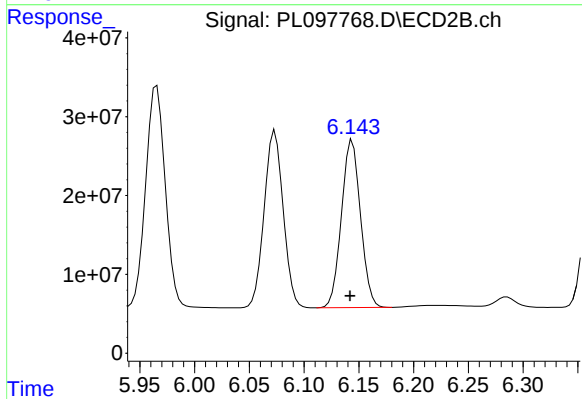
#17 4,4'-DDT

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 272435435
Conc: 55.28 ng/ml



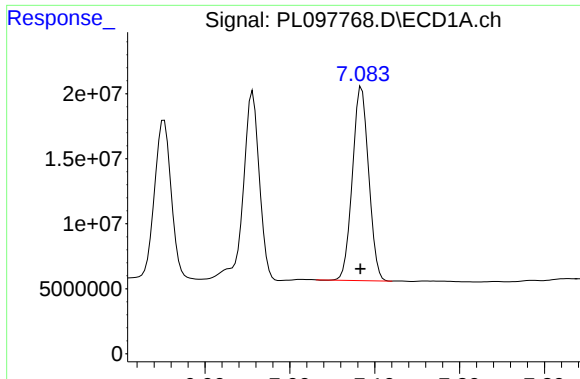
#18 Endrin aldehyde

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 167933066
Conc: 46.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 257695811
Conc: 45.89 ng/ml



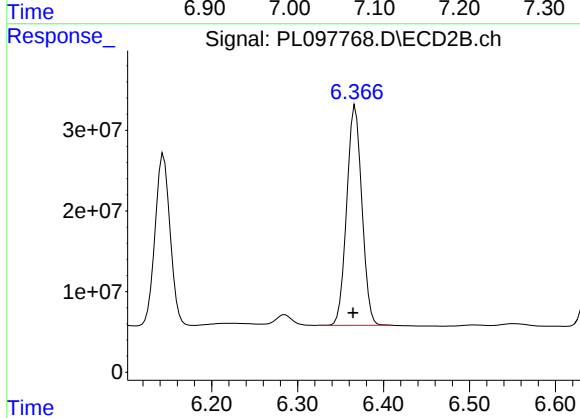
#19 Endosulfan Sulfate

R.T.: 7.085 min
Delta R.T.: 0.001 min
Response: 198315777
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

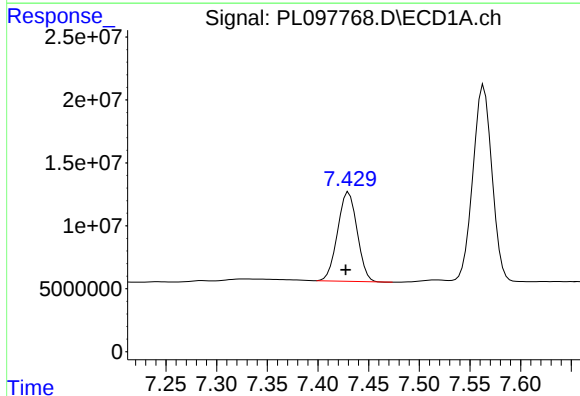
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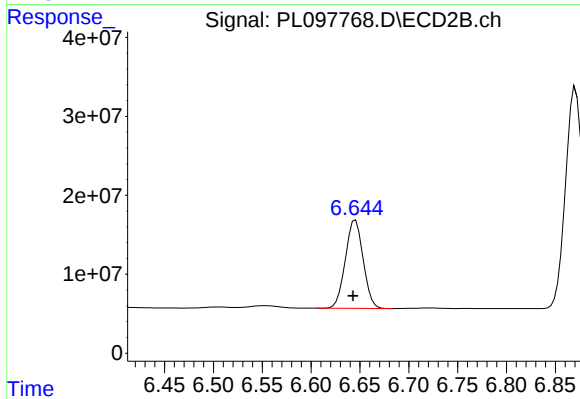
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 335152918
Conc: 48.84 ng/ml



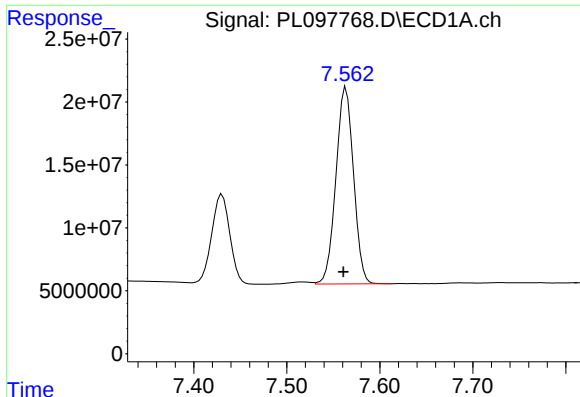
#20 Methoxychlor

R.T.: 7.430 min
Delta R.T.: 0.003 min
Response: 95159315
Conc: 50.42 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.003 min
Response: 142414900
Conc: 53.02 ng/ml



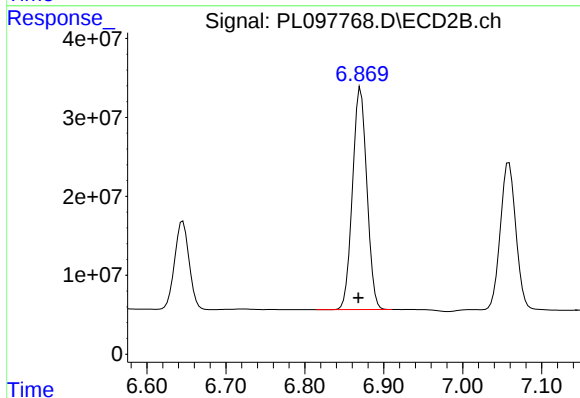
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: 0.003 min
Response: 205591300
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

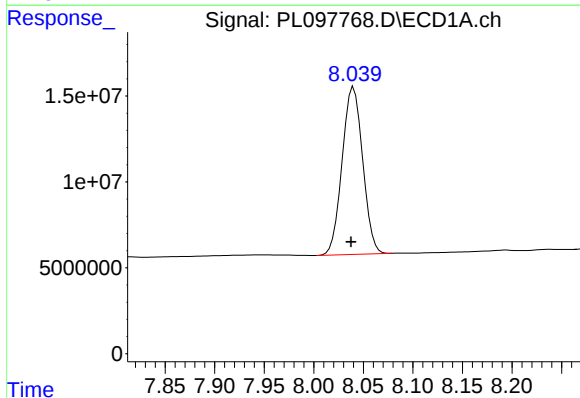
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



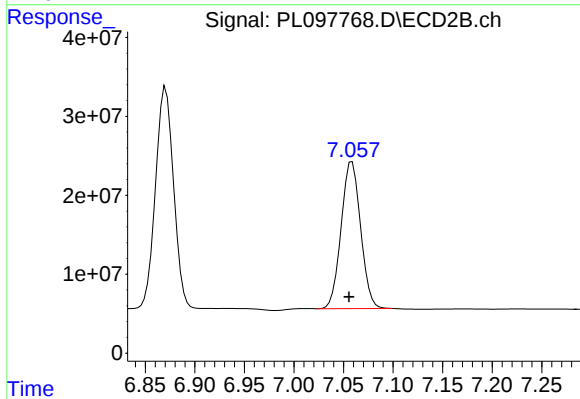
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 356195758
Conc: 48.89 ng/ml



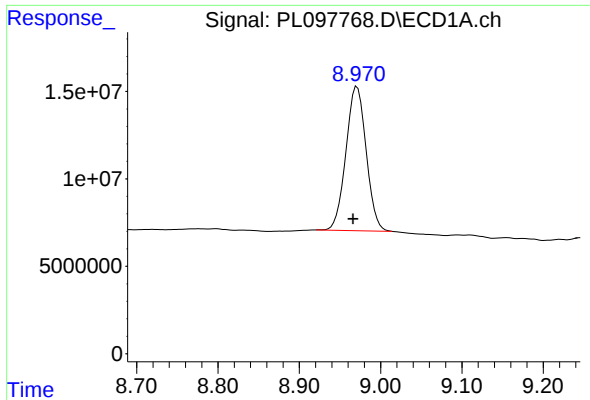
#22 Mirex

R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 140561109
Conc: 46.24 ng/ml



#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 254143601
Conc: 49.12 ng/ml



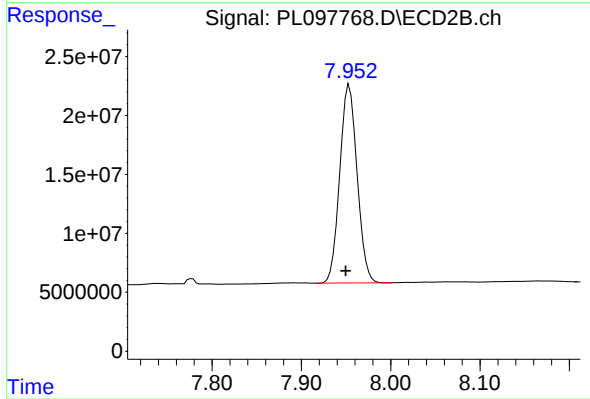
#28 Decachlorobiphenyl

R.T.: 8.971 min
Delta R.T.: 0.005 min
Response: 142154770
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: 0.004 min
Response: 226883007
Conc: 48.20 ng/ml