

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 14:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:10:17 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	190.9E6	267.8E6	48.396	47.519
28)	SA Decachlor...	8.999	7.982	135.2E6	247.2E6	45.662	51.543
Target Compounds							
2)	A alpha-BHC	3.973	3.327	292.1E6	411.6E6	50.417	50.125
3)	MA gamma-BHC...	4.301	3.659	273.8E6	382.3E6	50.135	51.892
4)	MA Heptachlor	4.892	4.007	269.2E6	380.2E6	50.487	50.524
5)	MB Aldrin	5.231	4.289	257.4E6	357.1E6	48.989	50.771
6)	B beta-BHC	4.488	3.955	111.0E6	161.8E6	48.546	49.597
7)	B delta-BHC	4.733	4.187	249.6E6	377.2E6	55.464	51.329
8)	B Heptachlo...	5.651	4.790	241.1E6	323.2E6	46.862	51.103
9)	A Endosulfan I	6.032	5.161	205.5E6	297.8E6	47.821	49.709
10)	B gamma-Chl...	5.903	5.042	225.3E6	338.3E6	48.925m	51.170
11)	B alpha-Chl...	5.985	5.106	222.7E6	333.8E6	47.317	51.113
12)	B 4,4'-DDE	6.155	5.295	187.5E6	315.2E6	47.000	51.206
13)	MA Dieldrin	6.305	5.424	218.3E6	340.7E6	48.071	51.987m
14)	MA Endrin	6.530	5.700	184.8E6	308.9E6	49.359	52.287
15)	B Endosulfa...	6.744	5.992	203.9E6	289.1E6	46.287	50.552
16)	A 4,4'-DDD	6.663	5.848	151.6E6	264.9E6	48.048	50.728
17)	MA 4,4'-DDT	6.978	6.100	167.1E6	293.5E6	47.697	53.577
18)	B Endrin al...	6.872	6.170	128.2E6	217.1E6	49.284	52.432
19)	B Endosulfa...	7.106	6.394	160.8E6	282.3E6	46.839	50.381
20)	A Methoxychlor	7.450	6.672	82324474	157.4E6	47.436	52.483
21)	B Endrin ke...	7.585	6.898	169.2E6	331.0E6	47.587	52.891
22)	Mirex	8.063	7.087	140.5E6	249.6E6	46.962	51.394

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 14:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

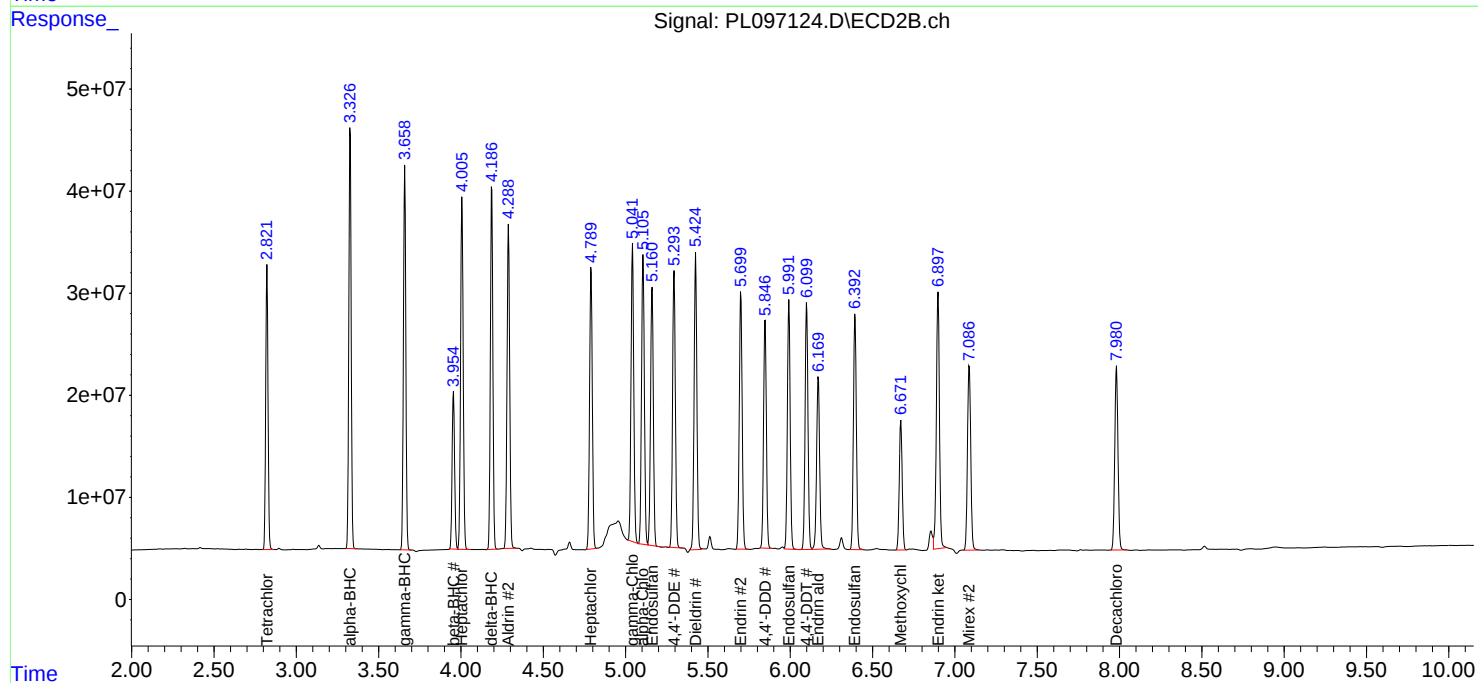
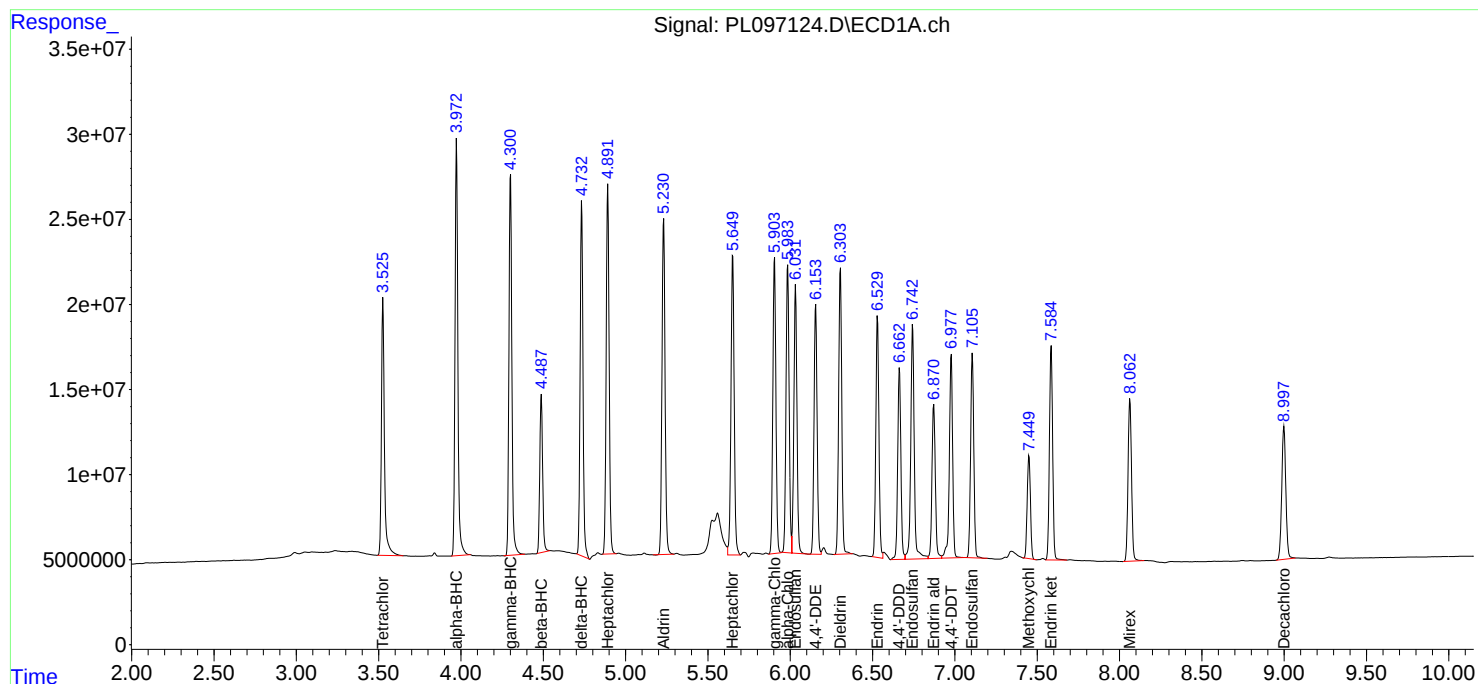
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

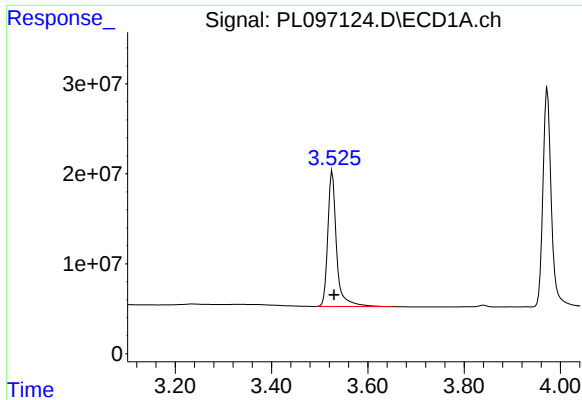
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:10:17 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





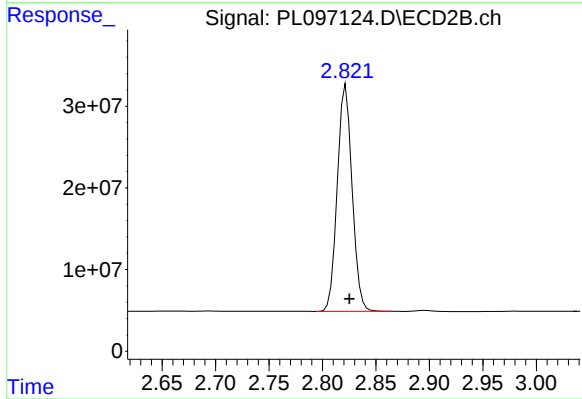
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 190865632
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

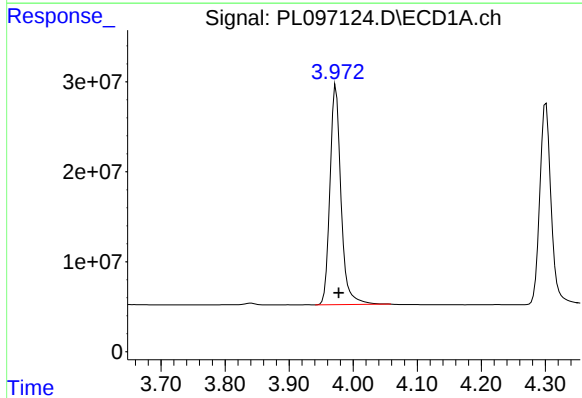
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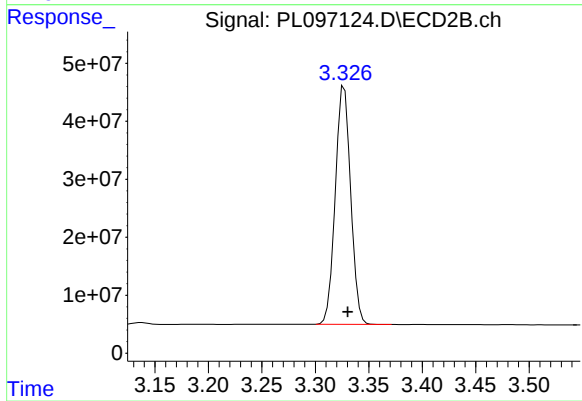
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 267846794
Conc: 47.52 ng/ml



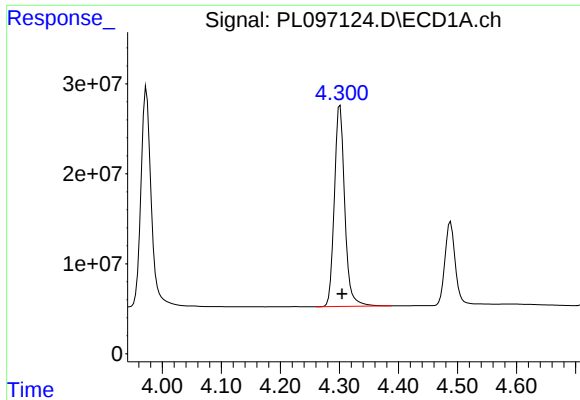
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 292120285
Conc: 50.42 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 411588404
Conc: 50.12 ng/ml



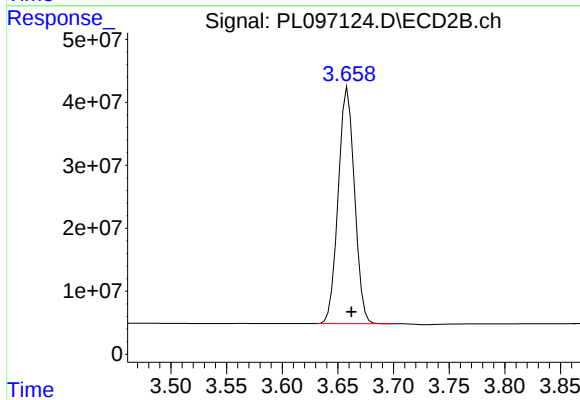
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 273826314
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

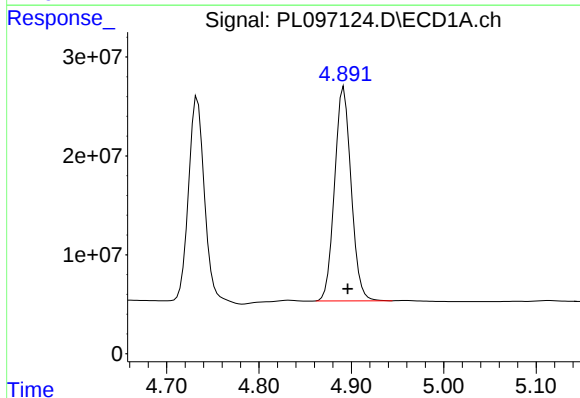
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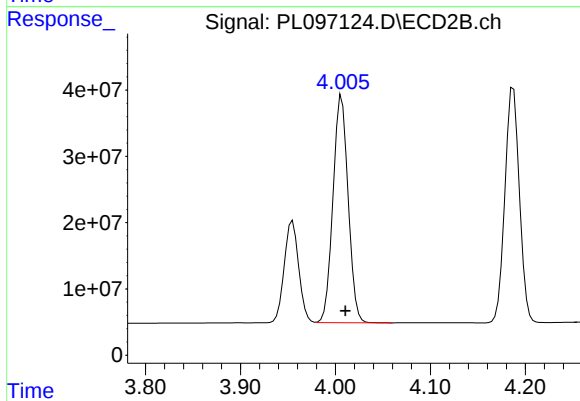
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 382259429
Conc: 51.89 ng/ml



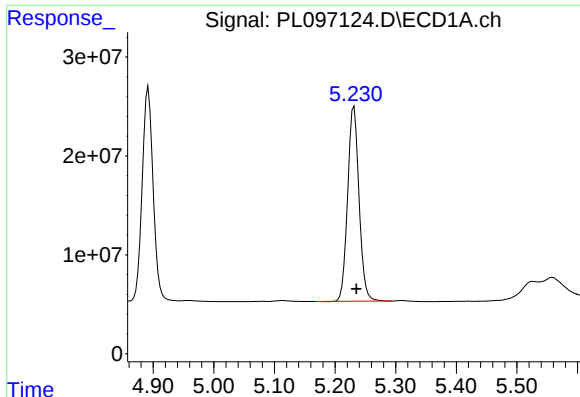
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 269215328
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.004 min
Response: 380150205
Conc: 50.52 ng/ml



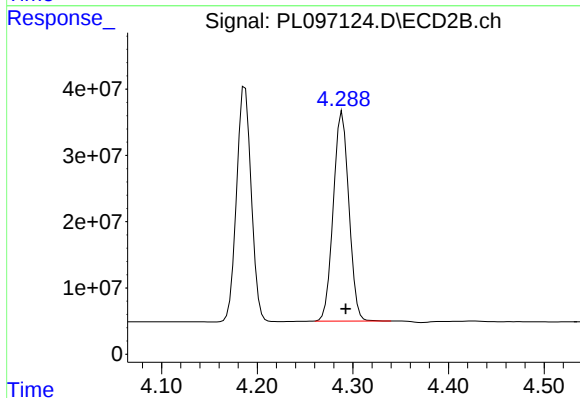
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 257364038
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

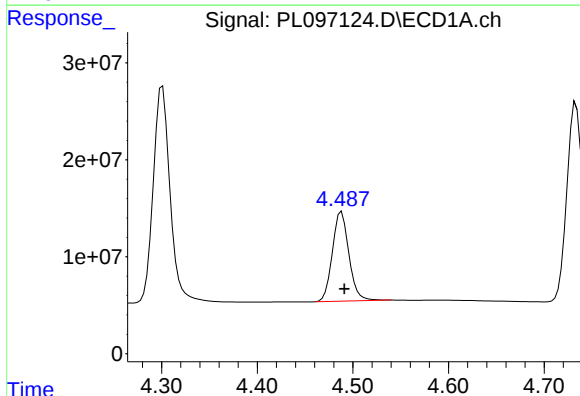
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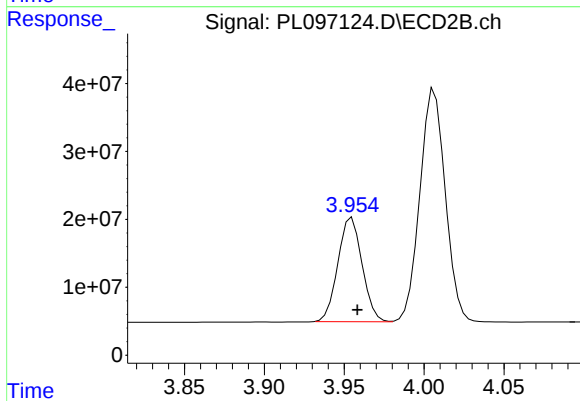
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 357060542
Conc: 50.77 ng/ml



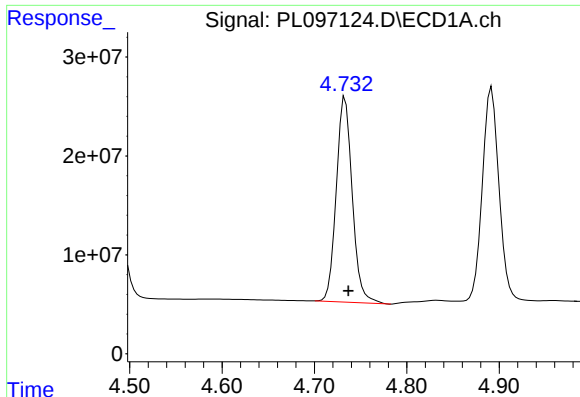
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 111027672
Conc: 48.55 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 161801401
Conc: 49.60 ng/ml



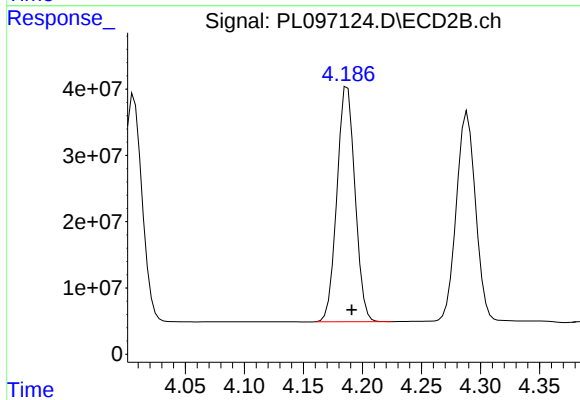
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 249587395
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

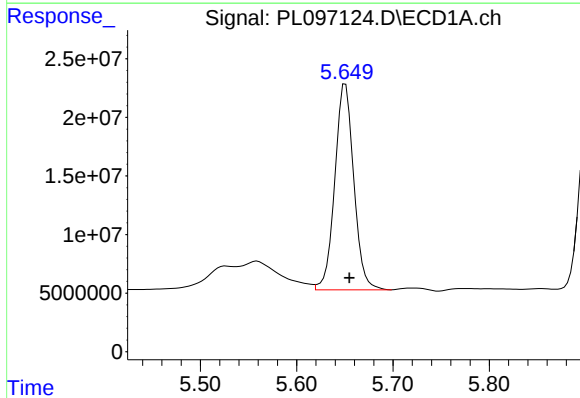
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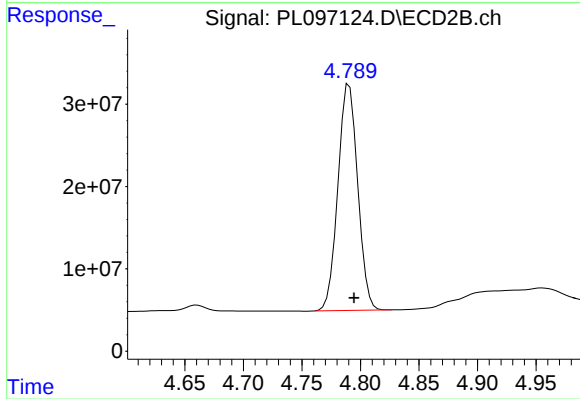
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 377207424
Conc: 51.33 ng/ml



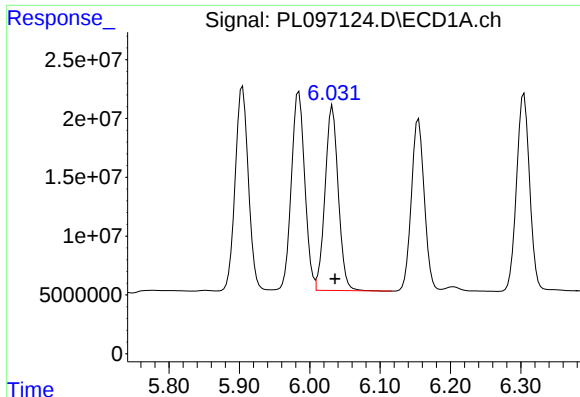
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 241145054
Conc: 46.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.004 min
Response: 323229059
Conc: 51.10 ng/ml



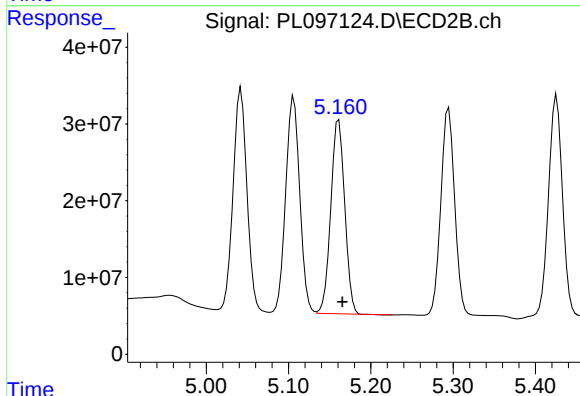
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 205475903
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

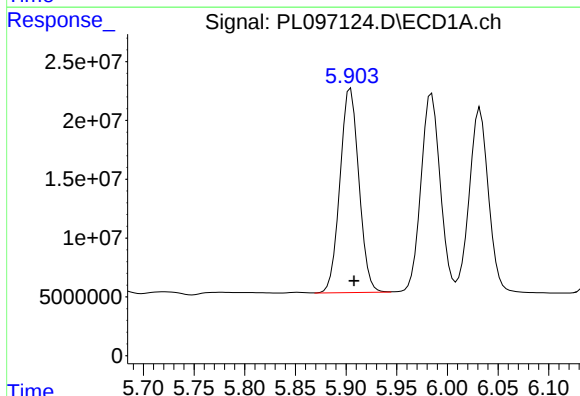
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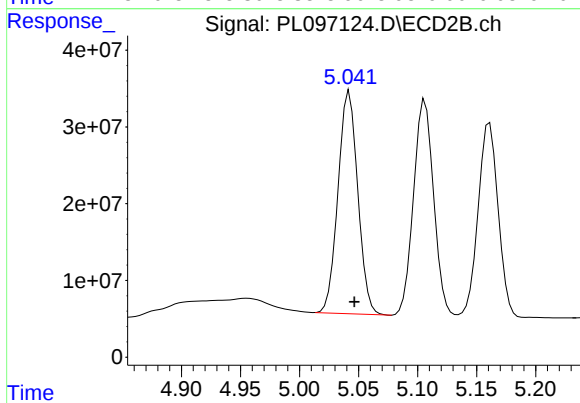
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 297822962
Conc: 49.71 ng/ml



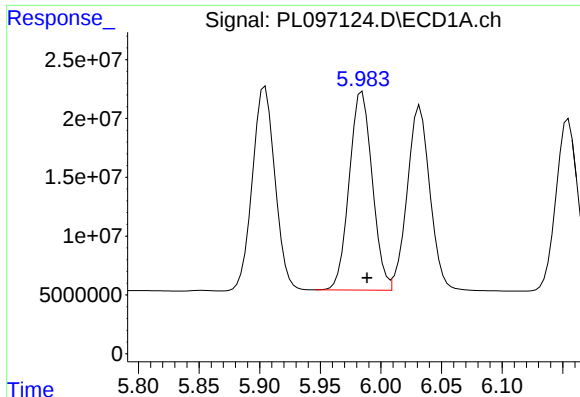
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 225321280
Conc: 48.92 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 338291237
Conc: 51.17 ng/ml



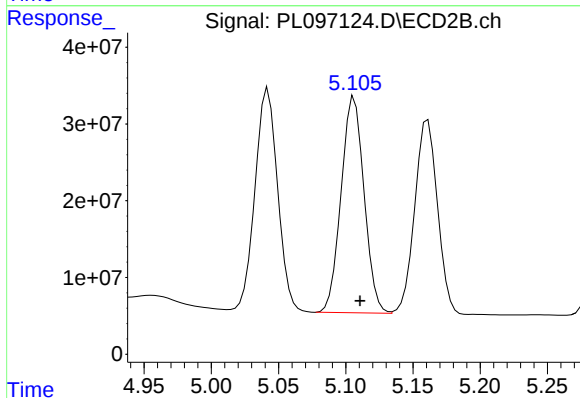
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 222669913
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

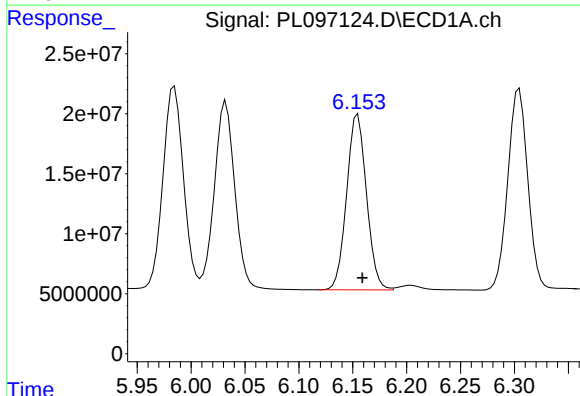
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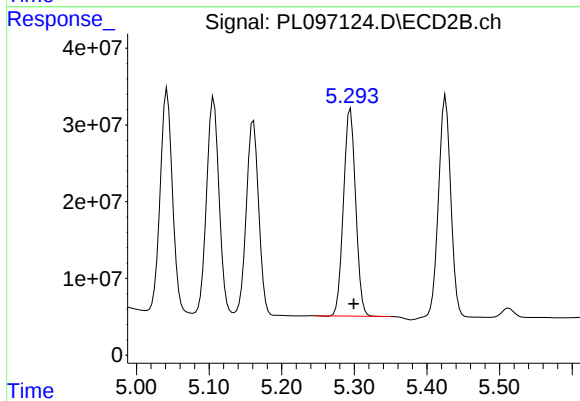
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 333756892
Conc: 51.11 ng/ml



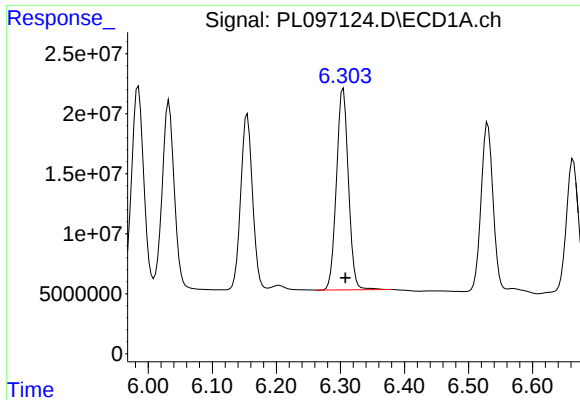
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 187534246
Conc: 47.00 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 315155609
Conc: 51.21 ng/ml



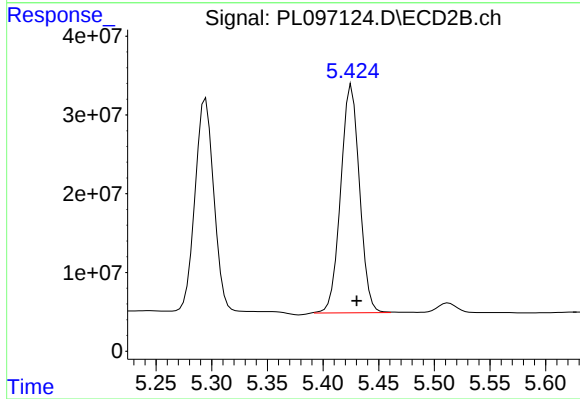
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 218281590
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

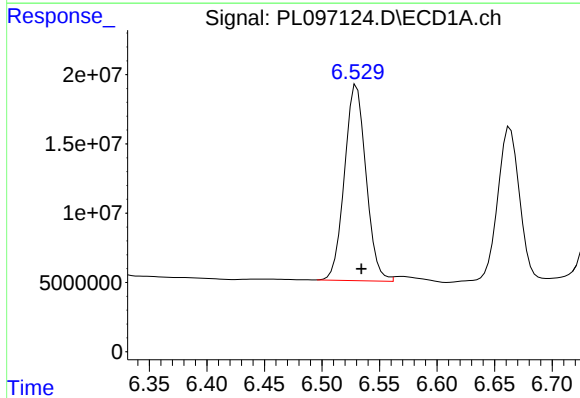
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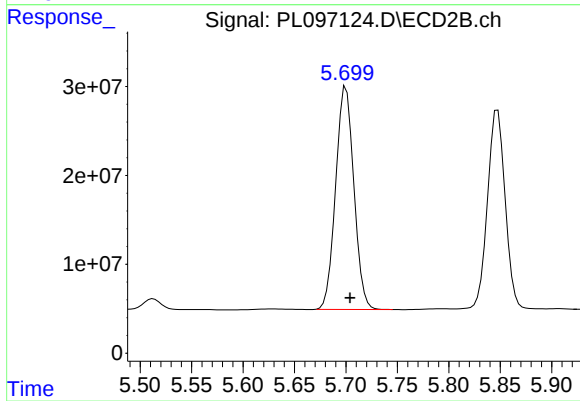
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 340672345
Conc: 51.99 ng/ml m



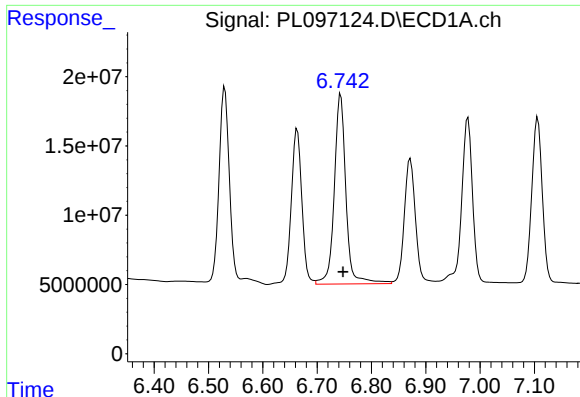
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 184844179
Conc: 49.36 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 308871844
Conc: 52.29 ng/ml



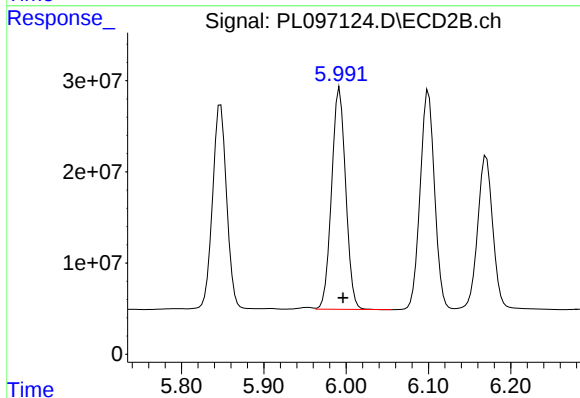
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.004 min
Response: 203897291
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

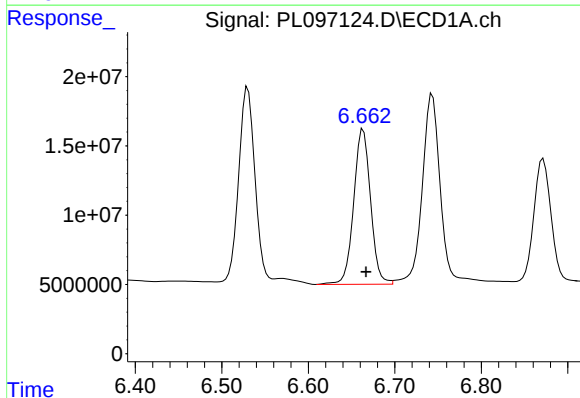
Manual Integrations
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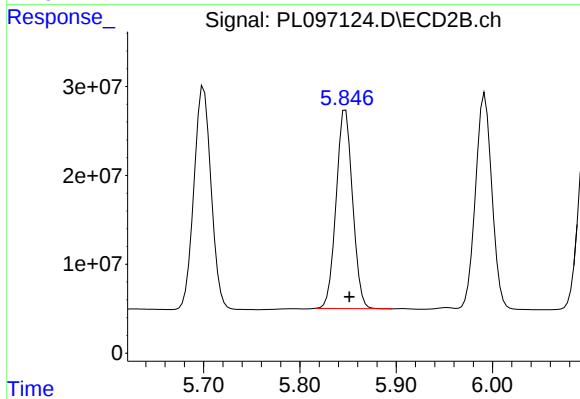
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 289091829
Conc: 50.55 ng/ml



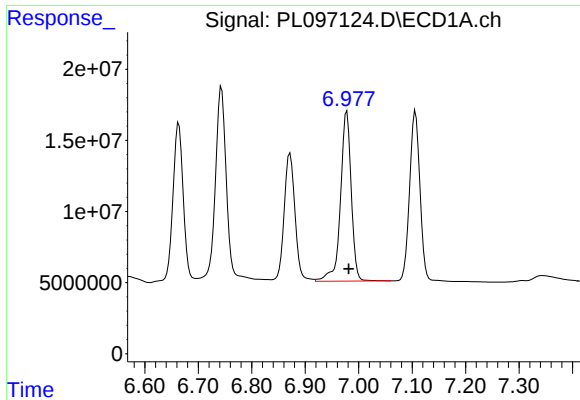
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 151628785
Conc: 48.05 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 264920622
Conc: 50.73 ng/ml



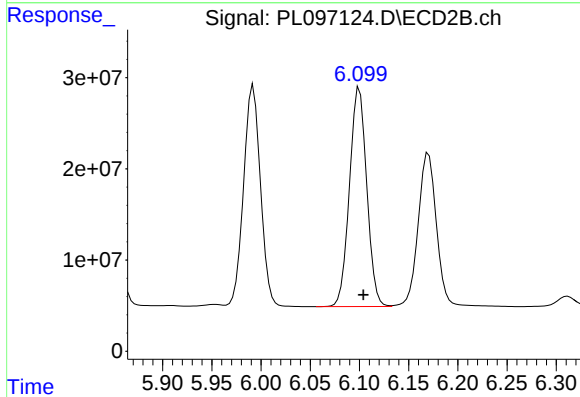
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 167056341
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

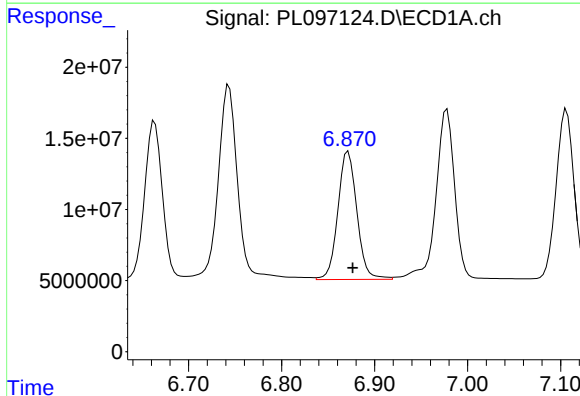
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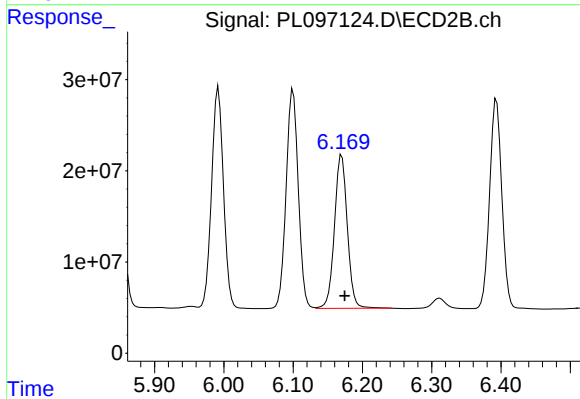
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 293457298
Conc: 53.58 ng/ml



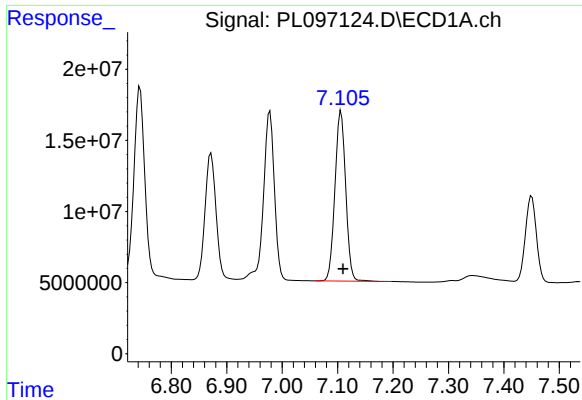
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 128210698
Conc: 49.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 217064835
Conc: 52.43 ng/ml



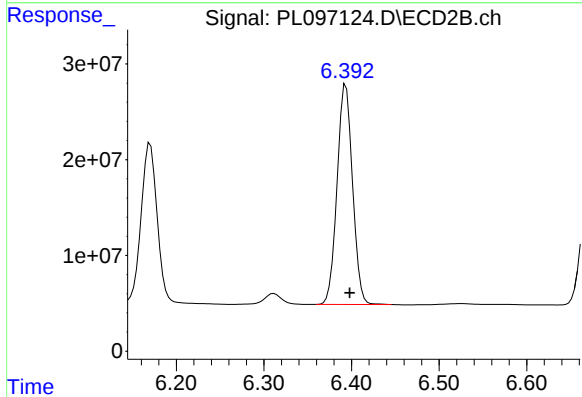
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 160815057
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

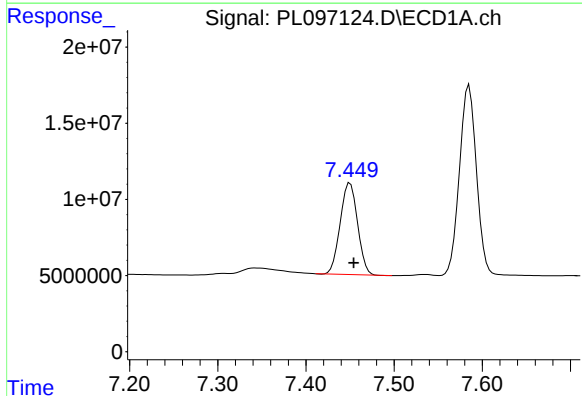
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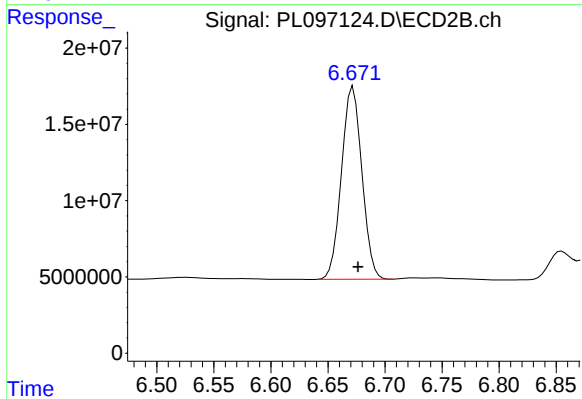
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 282282294
Conc: 50.38 ng/ml



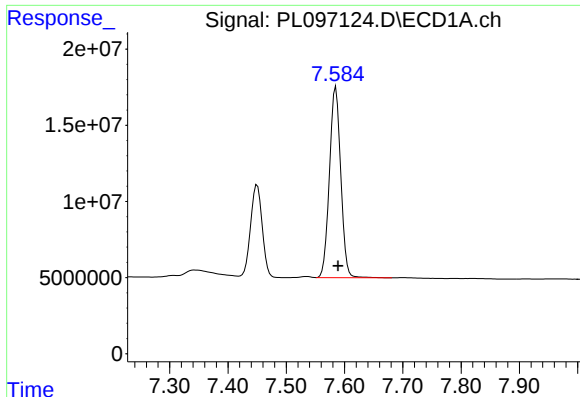
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 82324474
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 157436925
Conc: 52.48 ng/ml



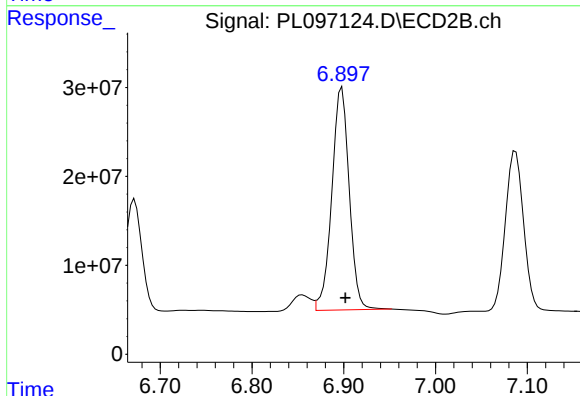
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 169184719
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

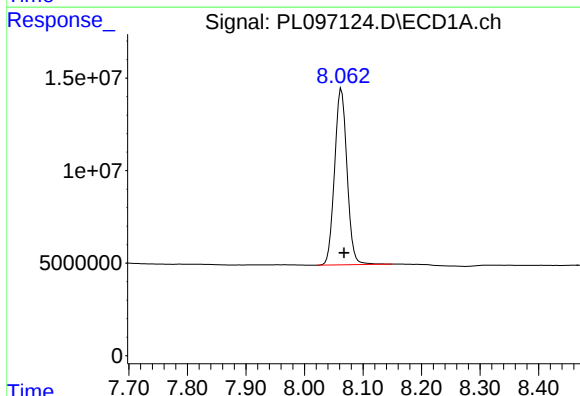
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



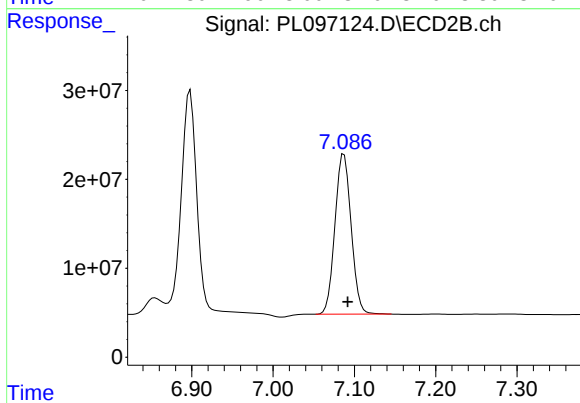
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 331040310
Conc: 52.89 ng/ml



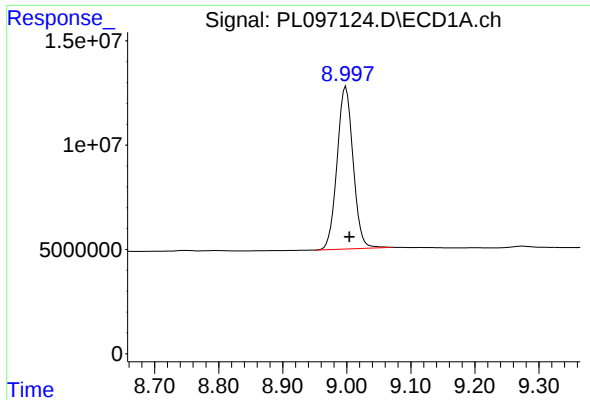
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 140506236
Conc: 46.96 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 249600916
Conc: 51.39 ng/ml



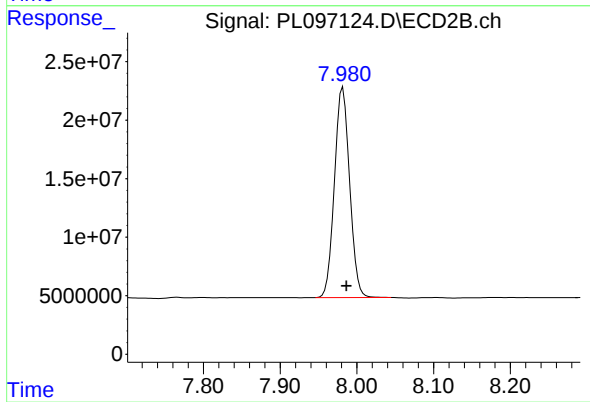
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 135188705
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 247191620
Conc: 51.54 ng/ml