

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 21:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2025
 Supervised By : mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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	2.824	247.6E6	354.3E6	54.690	53.880
28)	SA Decachlor...	8.999	7.983	175.5E6	275.9E6	53.622	48.471
Target Compounds							
2)	A alpha-BHC	3.974	3.329	389.8E6	551.3E6	55.786	55.367
3)	MA gamma-BHC...	4.302	3.661	365.6E6	510.4E6	55.285	54.799
4)	MA Heptachlor	4.893	4.009	353.8E6	491.4E6	53.038	52.810
5)	MB Aldrin	5.232	4.291	344.0E6	472.6E6	54.317	54.449
6)	B beta-BHC	4.489	3.957	150.7E6	215.8E6	55.262	53.136
7)	B delta-BHC	4.733	4.190	345.8E6	503.1E6	56.983m	54.736
8)	B Heptachlo...	5.651	4.792	312.6E6	425.3E6	54.386	53.618
9)	A Endosulfan I	6.033	5.163	279.5E6	400.2E6	53.953	52.087
10)	B gamma-Chl...	5.905	5.044	310.6E6	467.2E6	54.934	53.497
11)	B alpha-Chl...	5.985	5.108	305.6E6	447.6E6	53.810	53.929
12)	B 4,4'-DDE	6.155	5.295	267.1E6	415.5E6	56.064	54.073m
13)	MA Dieldrin	6.305	5.428	294.7E6	441.9E6	53.759	54.044
14)	MA Endrin	6.531	5.702	234.2E6	380.7E6	50.768	50.690
15)	B Endosulfa...	6.744	5.994	252.8E6	372.7E6	51.394	52.423
16)	A 4,4'-DDD	6.664	5.849	216.4E6	358.1E6	57.382	55.533
17)	MA 4,4'-DDT	6.978	6.101	211.6E6	342.2E6	50.061	49.448
18)	B Endrin al...	6.873	6.172	166.4E6	267.4E6	53.991	50.099
19)	B Endosulfa...	7.106	6.395	216.7E6	352.3E6	53.088	51.427
20)	A Methoxychlor	7.451	6.673	100.5E6	175.3E6	48.210	46.501
21)	B Endrin ke...	7.586	6.899	232.0E6	404.6E6	54.663	53.724
22)	Mirex	8.064	7.089	175.9E6	296.9E6	49.552	49.664

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 21:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

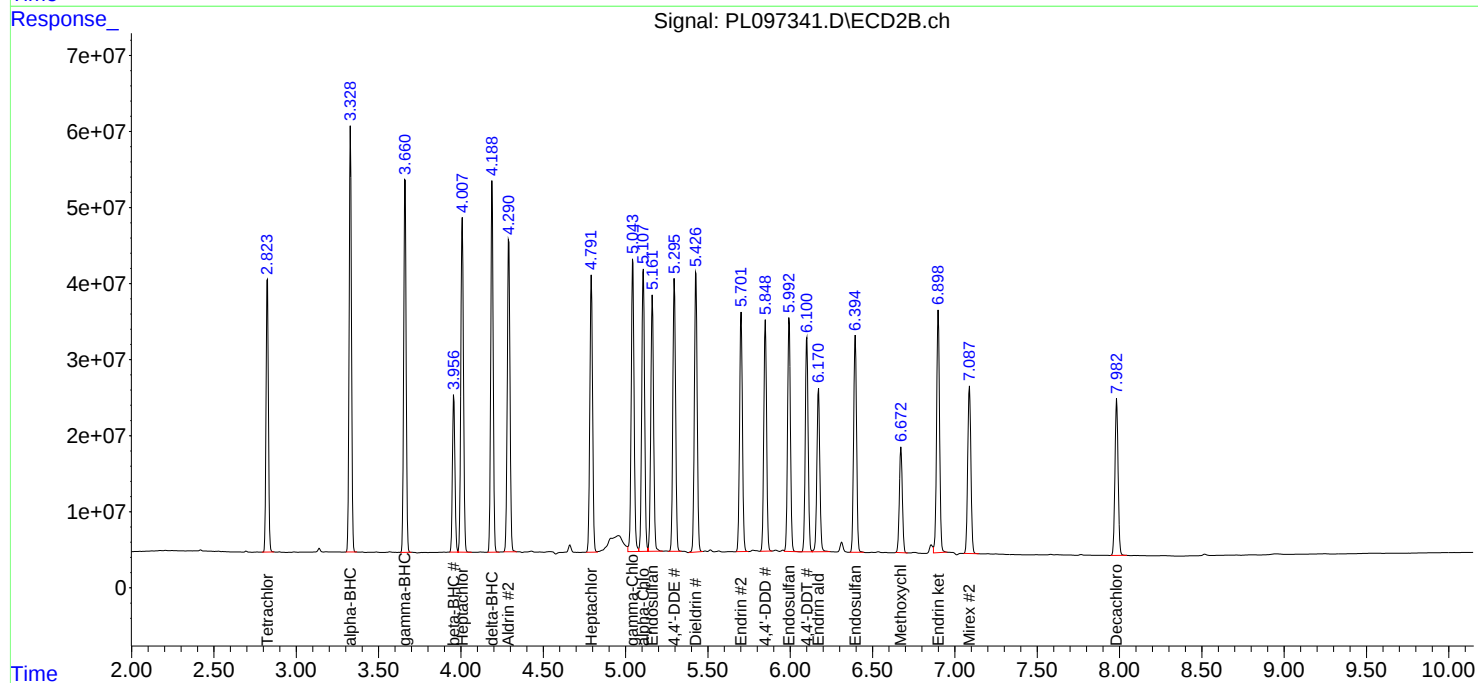
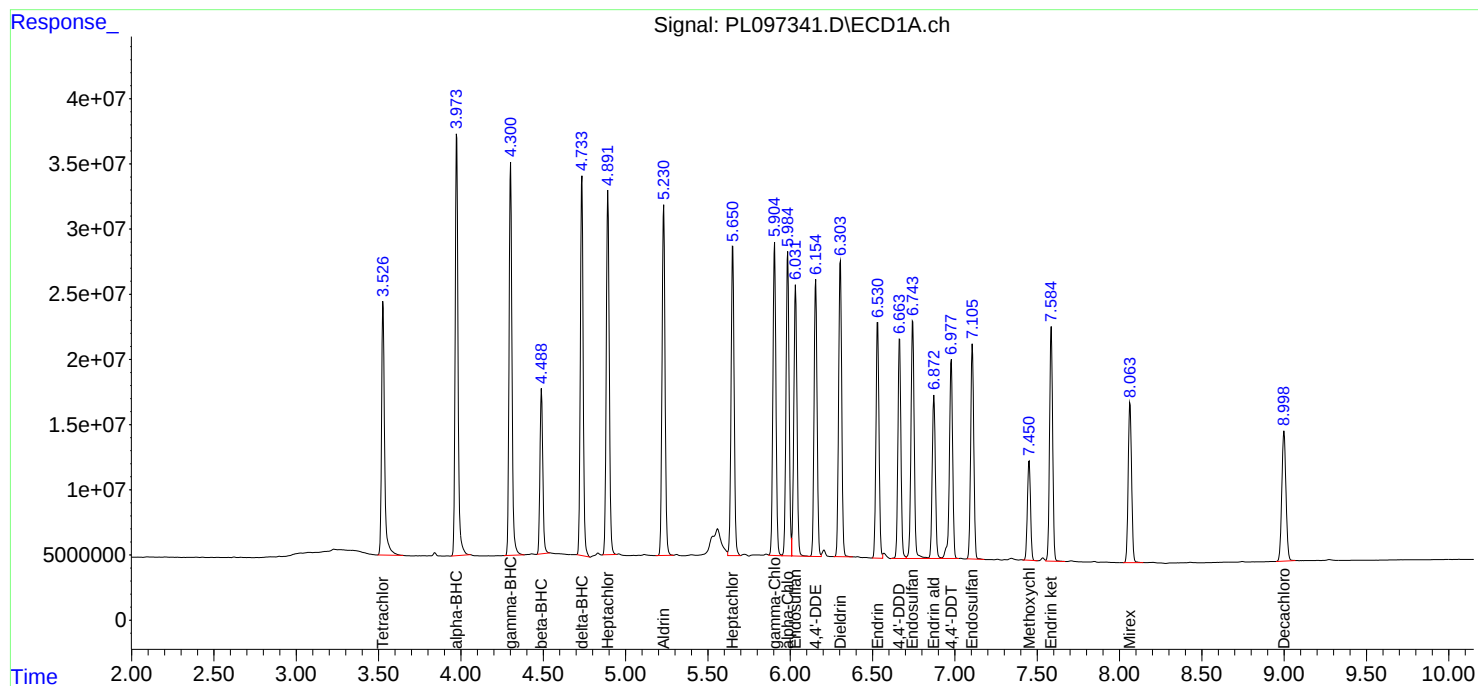
APPROVED

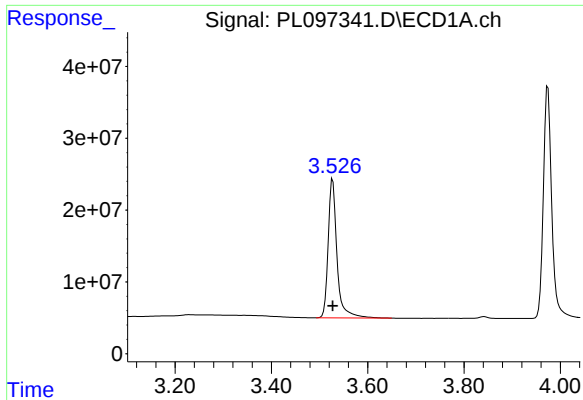
Reviewed By :Abdul Mirza 09/23/2025

Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
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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.: 0.000 min
Response: 247589639
Conc: 54.69 ng/ml

Instrument :

ECD_L

ClientSampleId :

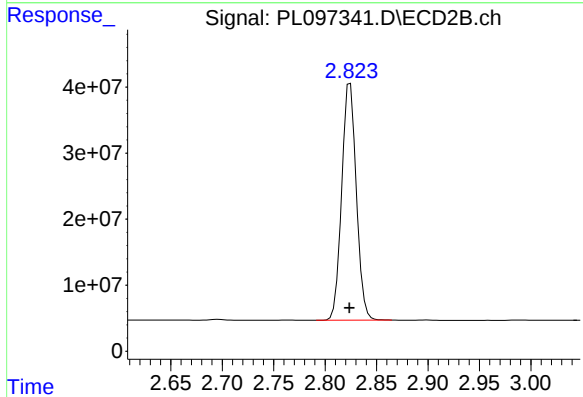
PSTDCCC050

Manual Integrations

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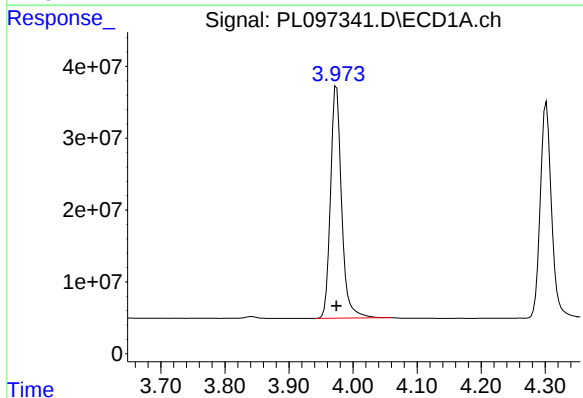
Reviewed By :Abdul Mirza 09/23/2025

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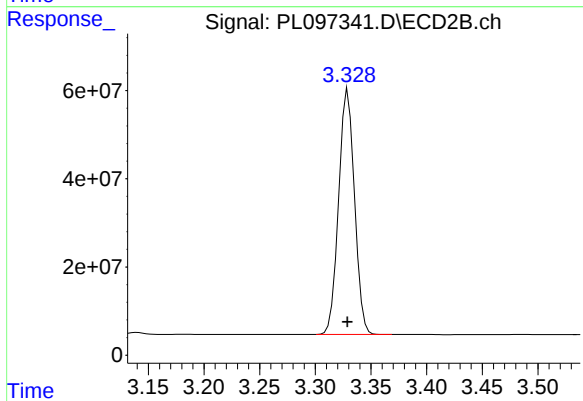
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 354289660
Conc: 53.88 ng/ml



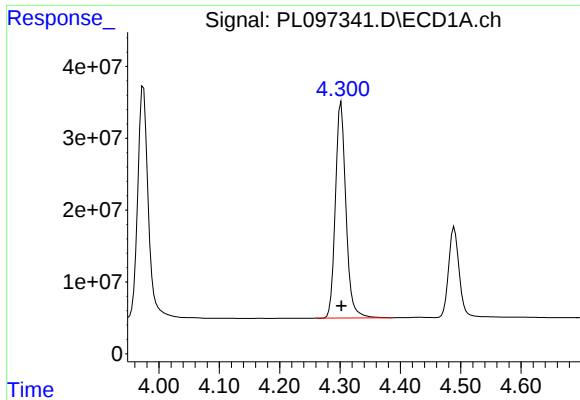
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 389797875
Conc: 55.79 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 551318797
Conc: 55.37 ng/ml



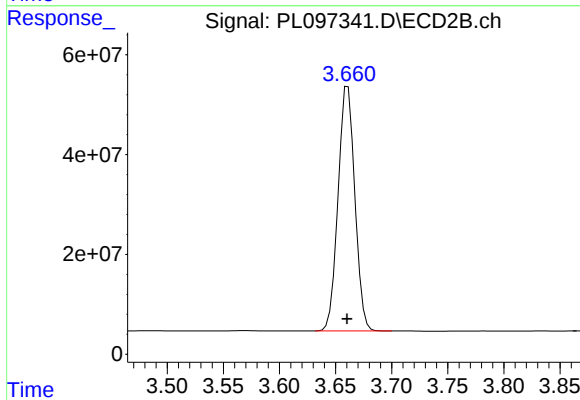
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 365605335
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

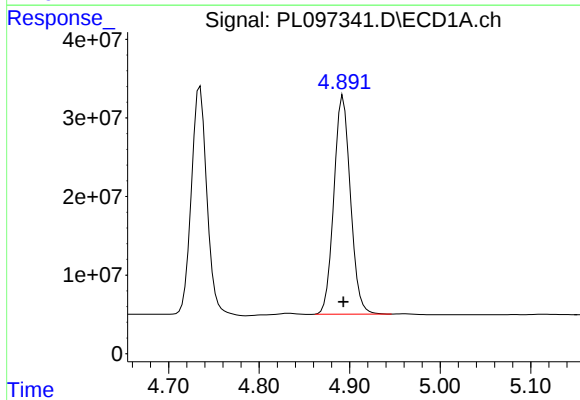
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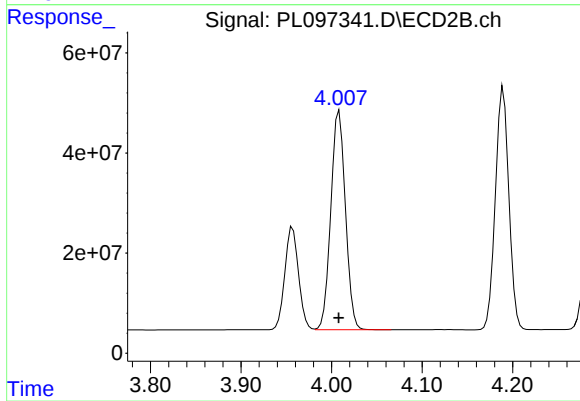
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 510431042
Conc: 54.80 ng/ml



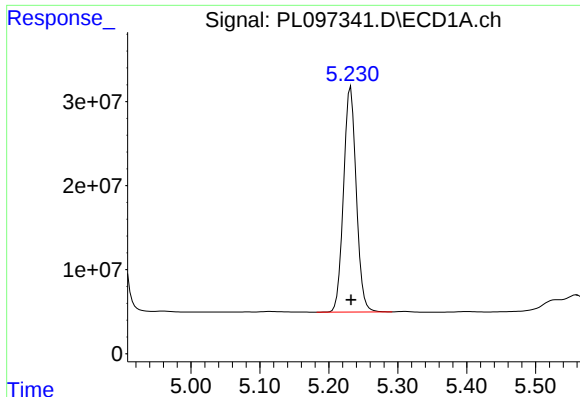
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 353769121
Conc: 53.04 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 491404337
Conc: 52.81 ng/ml



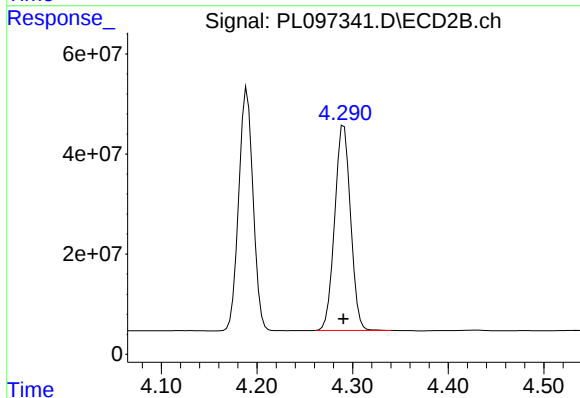
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 344035811
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

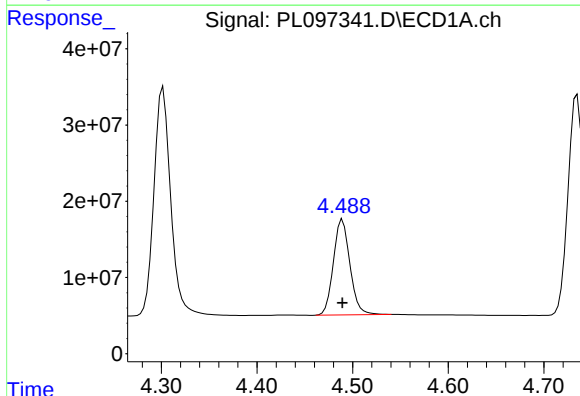
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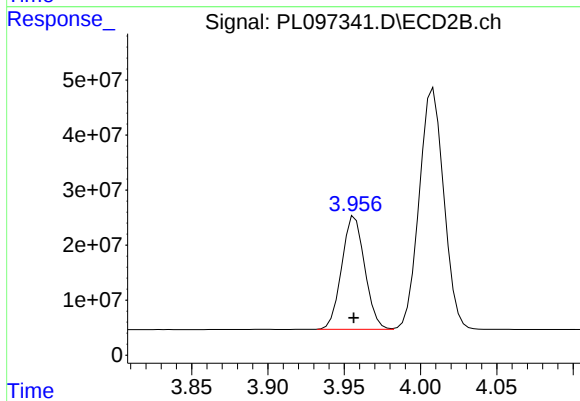
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 472579080
Conc: 54.45 ng/ml



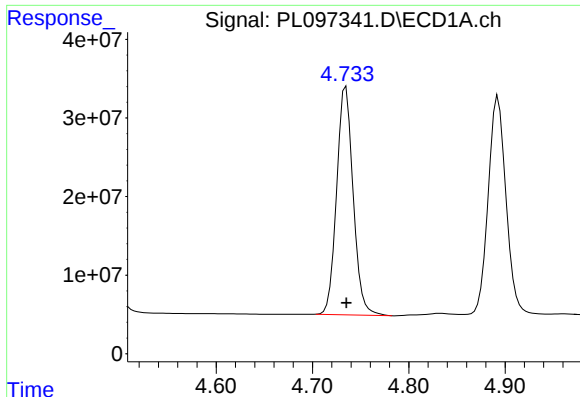
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 150654223
Conc: 55.26 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 215840143
Conc: 53.14 ng/ml



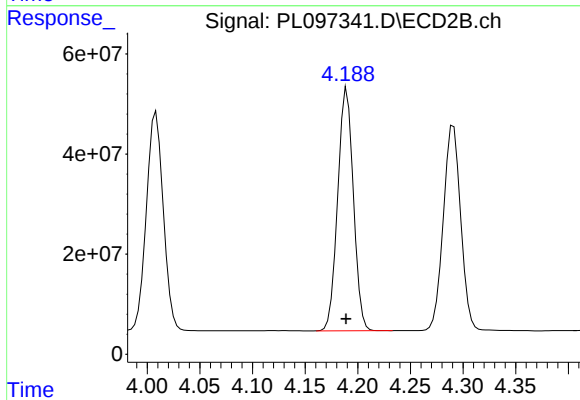
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 345789364
Conc: 56.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

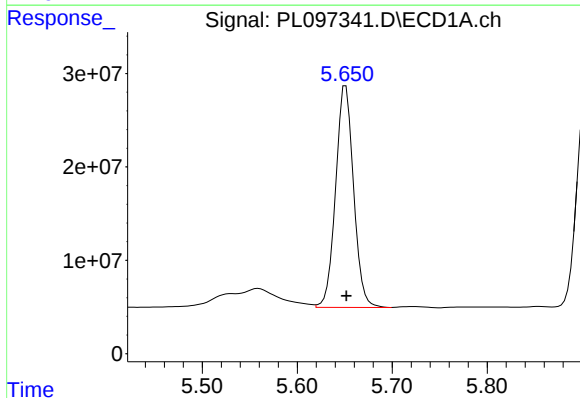
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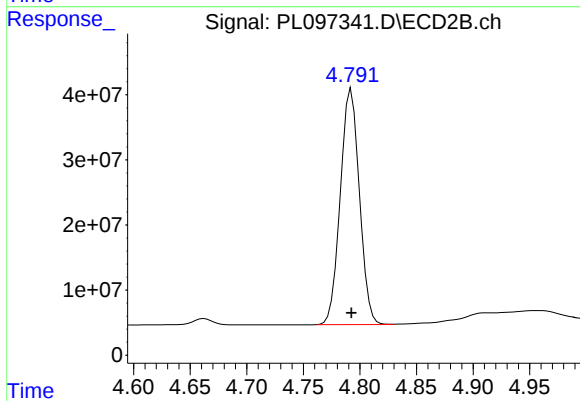
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 503147442
Conc: 54.74 ng/ml



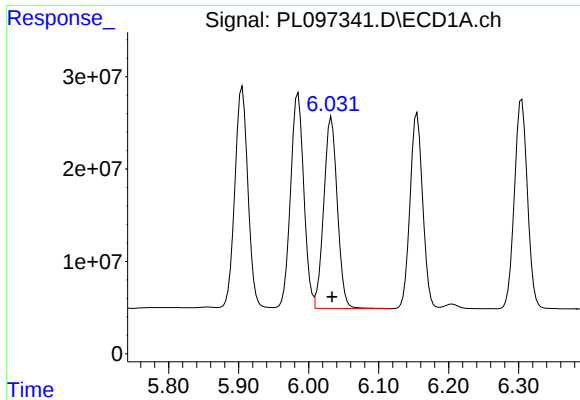
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 312554271
Conc: 54.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 425274295
Conc: 53.62 ng/ml



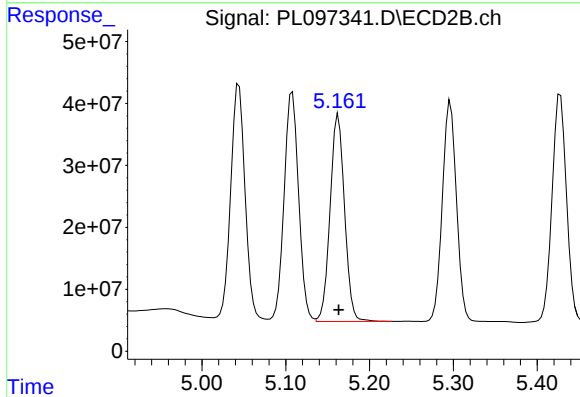
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 279546648
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

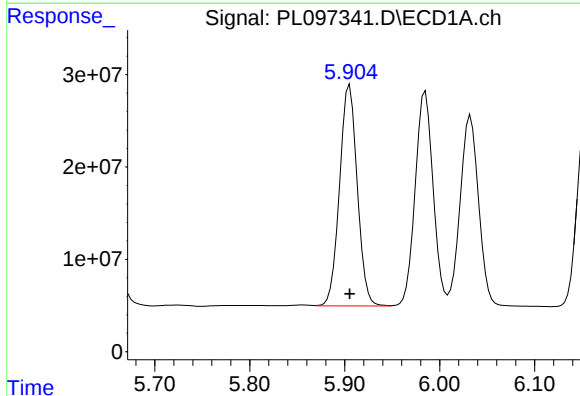
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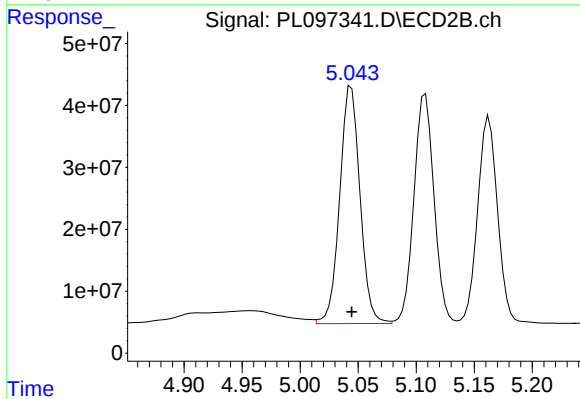
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 400216473
Conc: 52.09 ng/ml



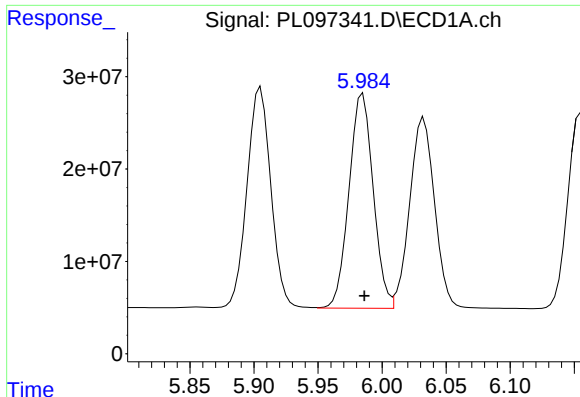
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 310573464
Conc: 54.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 467232850
Conc: 53.50 ng/ml



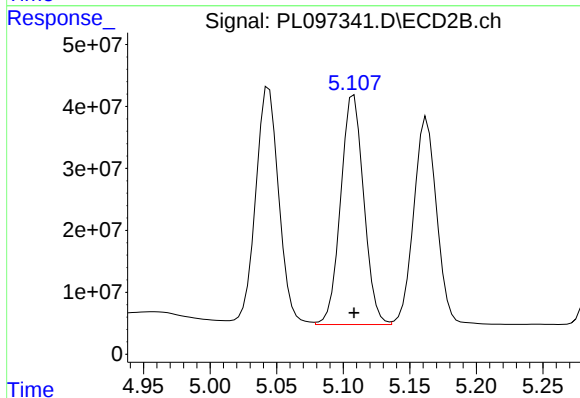
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 305638080
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

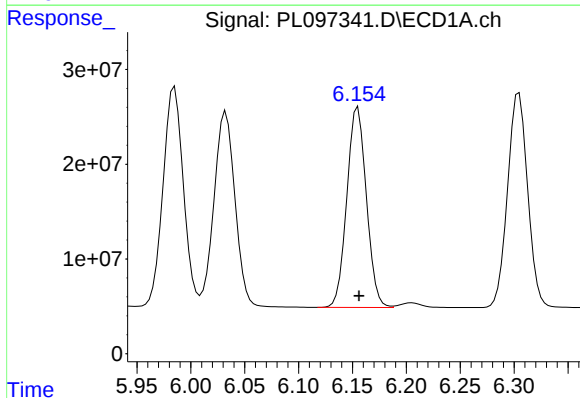
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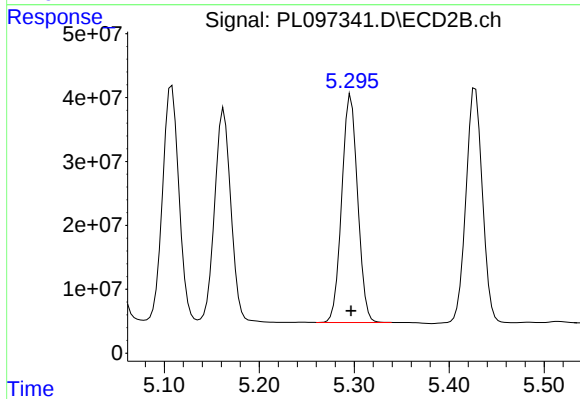
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 447634808
Conc: 53.93 ng/ml



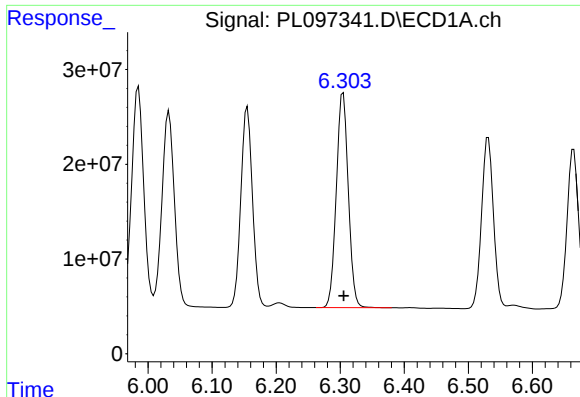
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 267129251
Conc: 56.06 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 415539344
Conc: 54.07 ng/ml m



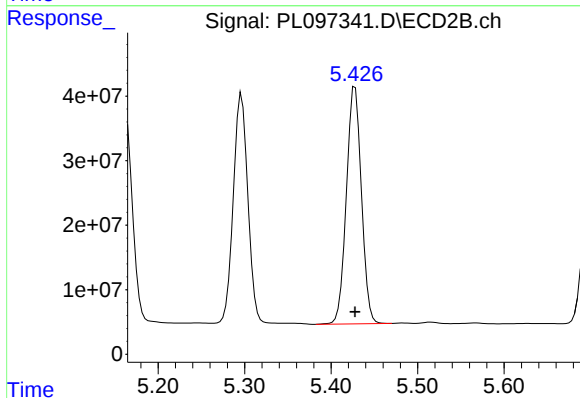
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 294713294
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

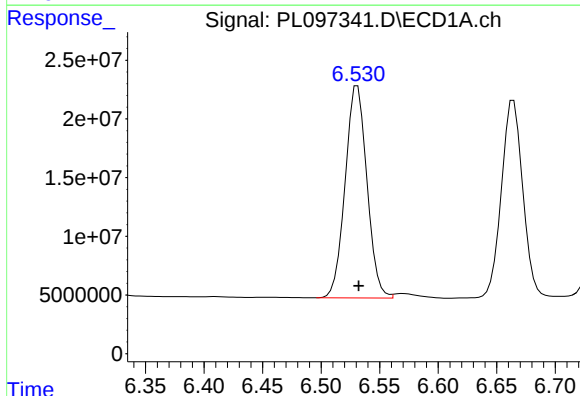
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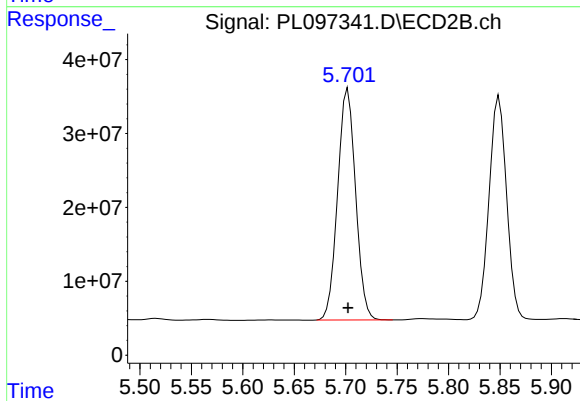
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 441904120
Conc: 54.04 ng/ml



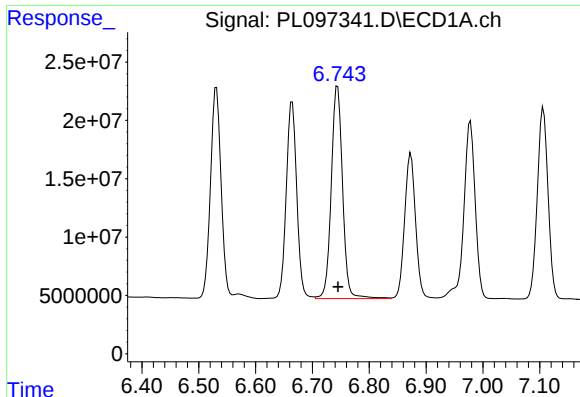
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 234198133
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 380711431
Conc: 50.69 ng/ml



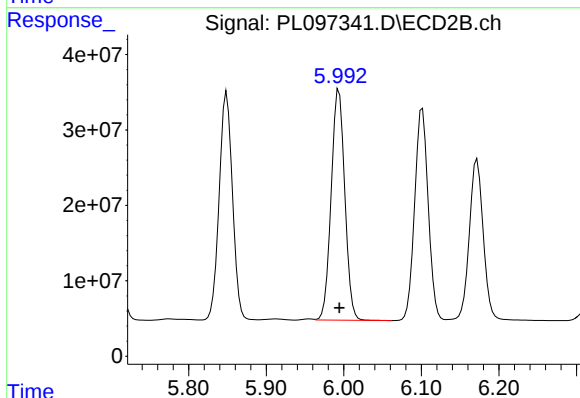
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 252773593
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

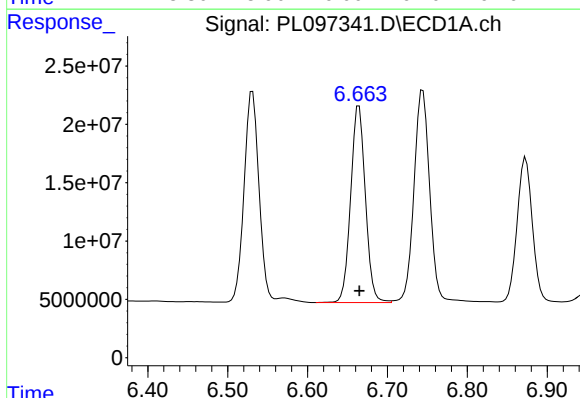
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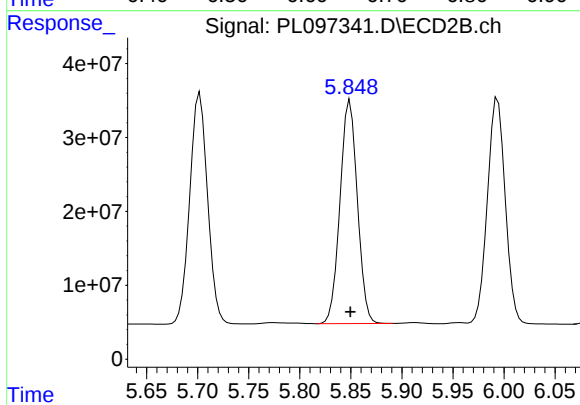
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 372686732
Conc: 52.42 ng/ml



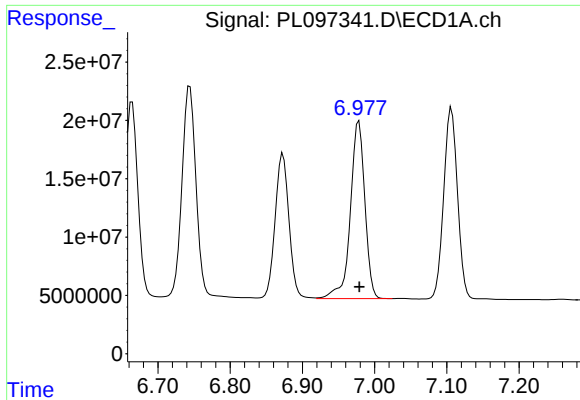
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 216362709
Conc: 57.38 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 358138686
Conc: 55.53 ng/ml



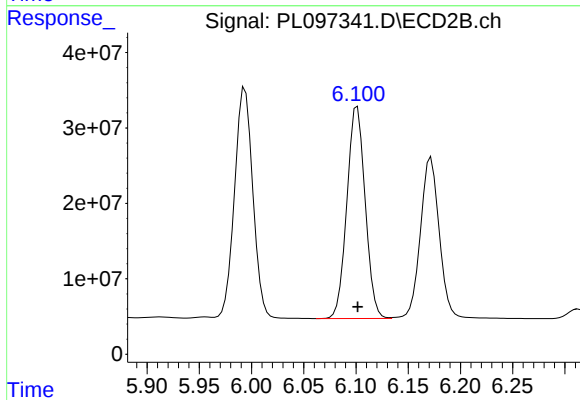
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 211617352
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

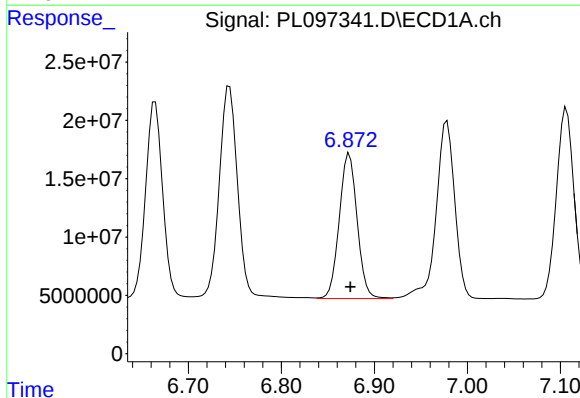
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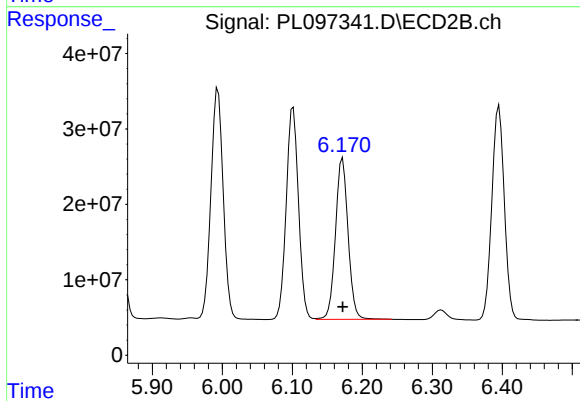
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 342203937
Conc: 49.45 ng/ml



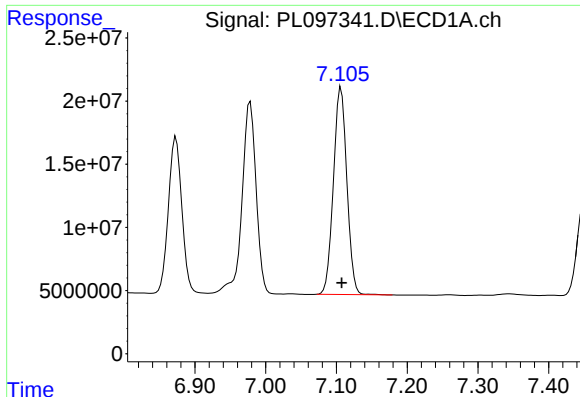
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 166444892
Conc: 53.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 267399725
Conc: 50.10 ng/ml



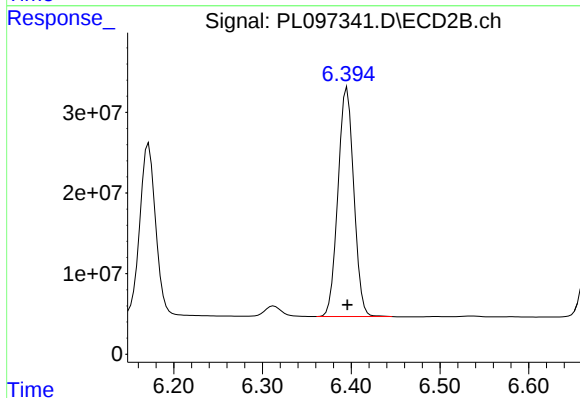
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 216744115
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

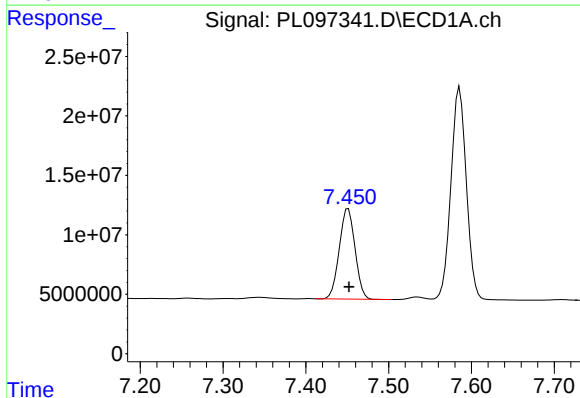
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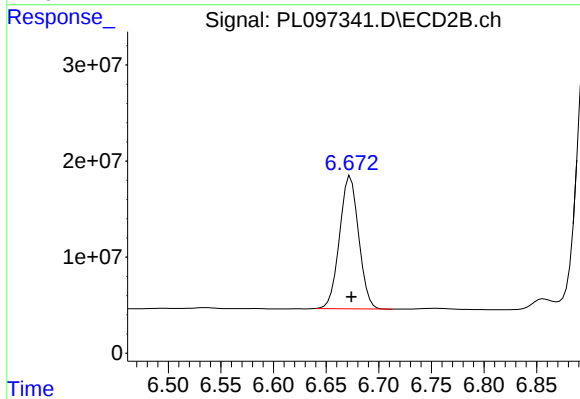
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 352262956
Conc: 51.43 ng/ml



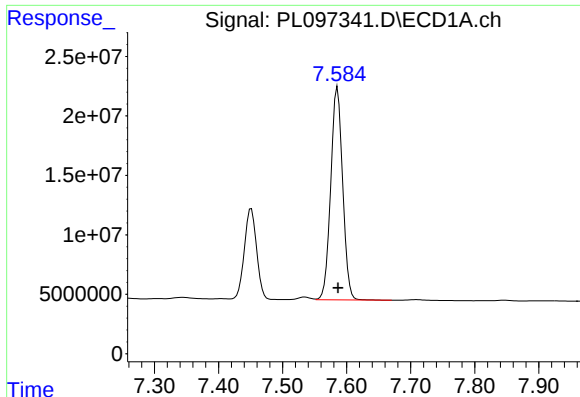
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.001 min
Response: 100535917
Conc: 48.21 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 175283867
Conc: 46.50 ng/ml



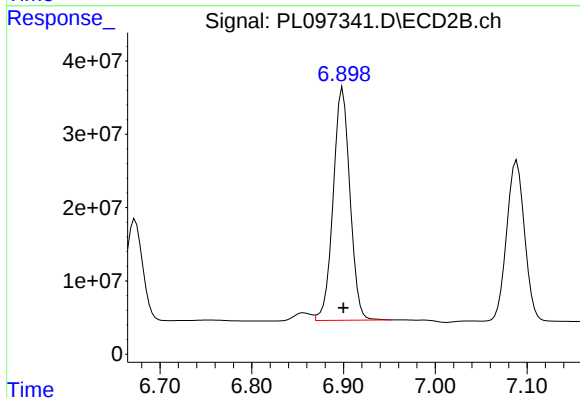
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 232010391
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

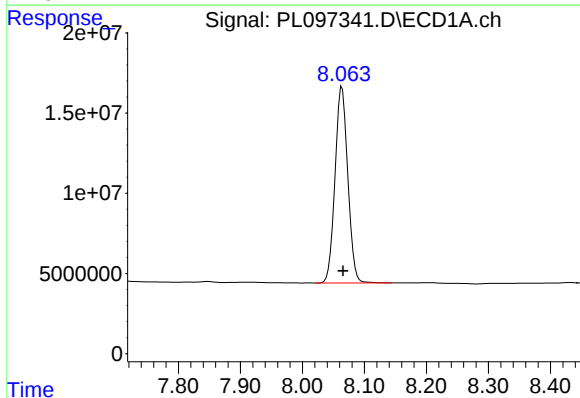
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



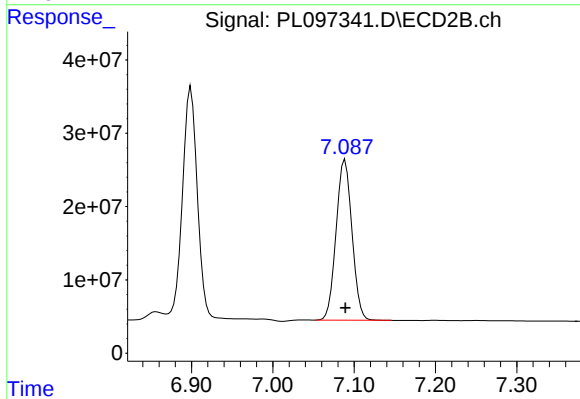
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 404554356
Conc: 53.72 ng/ml



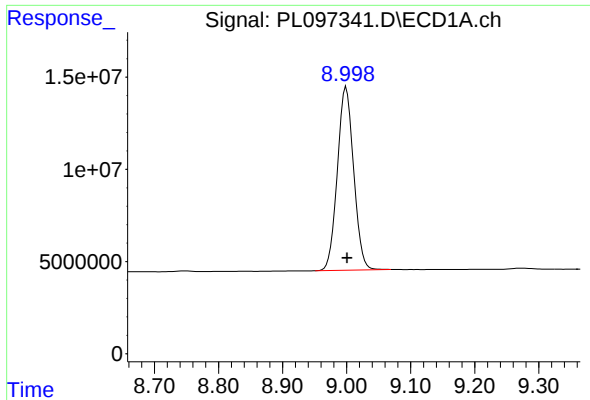
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 175923057
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 296926315
Conc: 49.66 ng/ml



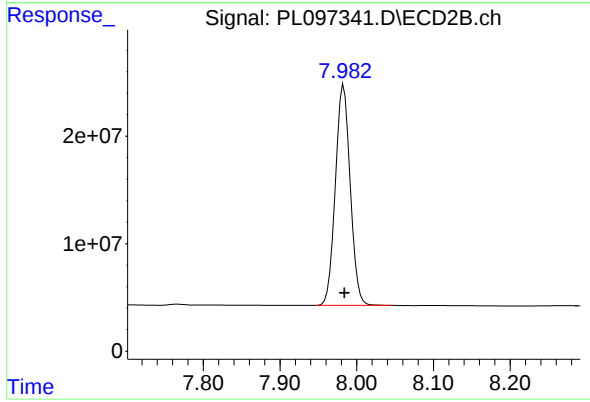
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 175462506
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 09/24/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.001 min
Response: 275873704
Conc: 48.47 ng/ml