

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 19:06
 Operator : AR\AJ
 Sample : PB169782BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169782BS

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 01:48:08 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	71695516	108.4E6	15.837	16.481
28)	SA Decachlor...	8.999	7.983	57344782	88550608	17.525	15.558
Target Compounds							
2)	A alpha-BHC	3.974	3.329	271.7E6	400.6E6	38.881	40.232
3)	MA gamma-BHC...	4.302	3.661	255.4E6	371.9E6	38.626	39.926
4)	MA Heptachlor	4.892	4.009	252.7E6	357.2E6	37.887	38.392
5)	MB Aldrin	5.232	4.291	247.1E6	348.4E6	39.010	40.143
6)	B beta-BHC	4.489	3.957	106.6E6	157.2E6	39.093	38.711
7)	B delta-BHC	4.733	4.190	239.5E6	358.6E6	39.471m	39.011
8)	B Heptachlo...	5.651	4.792	227.9E6	318.2E6	39.661	40.113
9)	A Endosulfan I	6.033	5.163	201.7E6	302.9E6	38.933	39.428
10)	B gamma-Chl...	5.904	5.045	223.0E6	350.4E6	39.444	40.124
11)	B alpha-Chl...	5.985	5.109	219.6E6	335.6E6	38.669	40.435
12)	B 4,4'-DDE	6.155	5.297	191.4E6	309.9E6	40.166	40.331
13)	MA Dieldrin	6.305	5.428	211.8E6	325.9E6	38.631	39.852
14)	MA Endrin	6.531	5.702	159.6E6	265.9E6	34.591	35.401
15)	B Endosulfa...	6.744	5.994	181.1E6	273.2E6	36.823	38.426
16)	A 4,4'-DDD	6.664	5.849	158.3E6	267.1E6	41.994	41.413
17)	MA 4,4'-DDT	6.978	6.102	145.4E6	231.0E6	34.405	33.377
18)	B Endrin al...	6.873	6.172	132.4E6	211.6E6	42.953	39.639
19)	B Endosulfa...	7.106	6.396	157.3E6	256.9E6	38.537	37.508
20)	A Methoxychlor	7.451	6.674	69315284	121.6E6	33.239	32.255
21)	B Endrin ke...	7.586	6.899	171.0E6	287.0E6	40.281	38.115
22)	Mirex	8.064	7.089	131.3E6	212.7E6	36.987	35.577

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 19:06
Operator : AR\AJ
Sample : PB169782BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

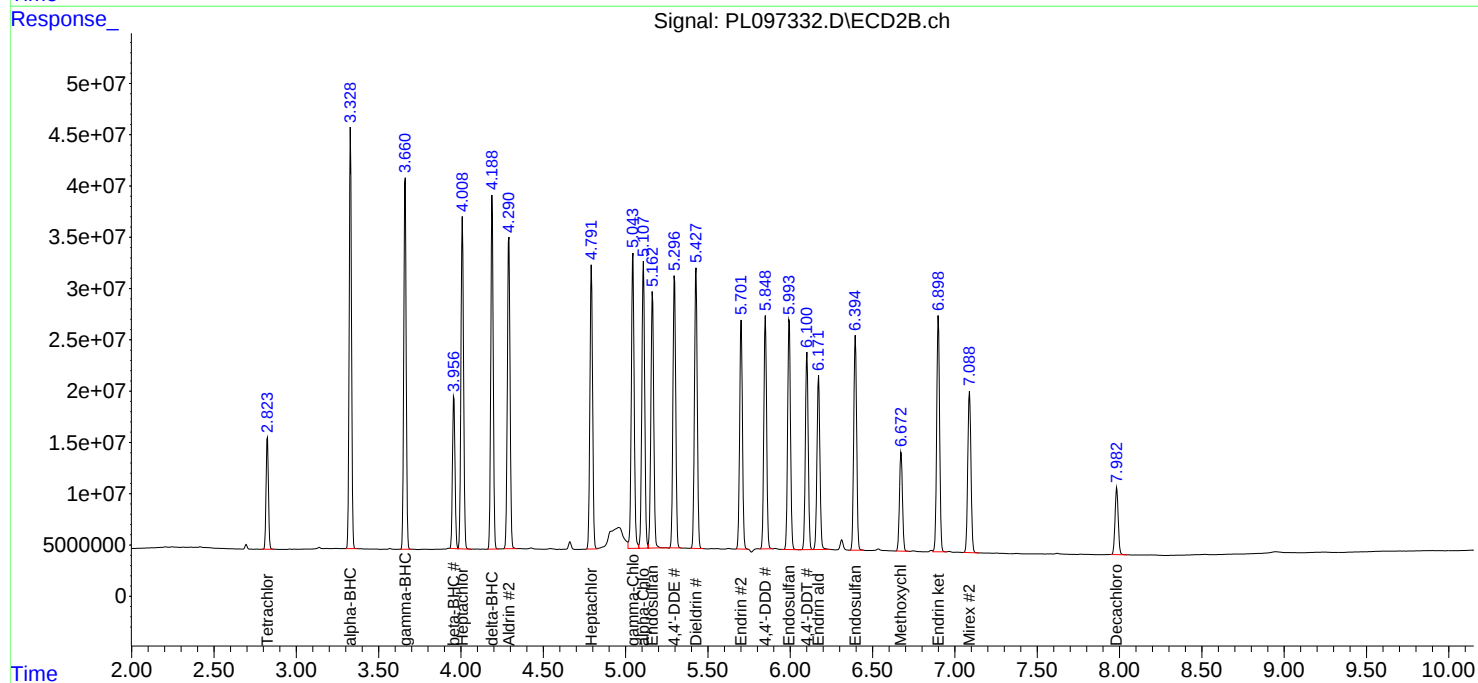
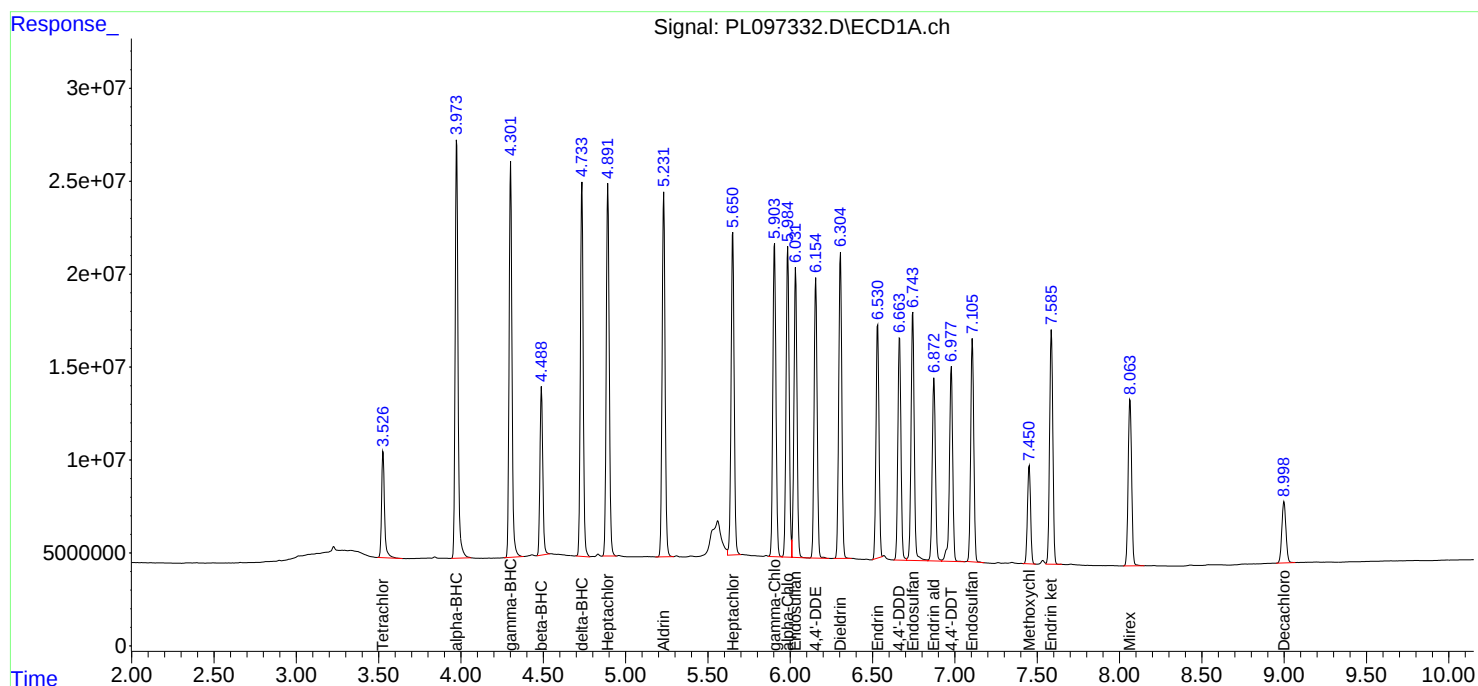
Instrument :
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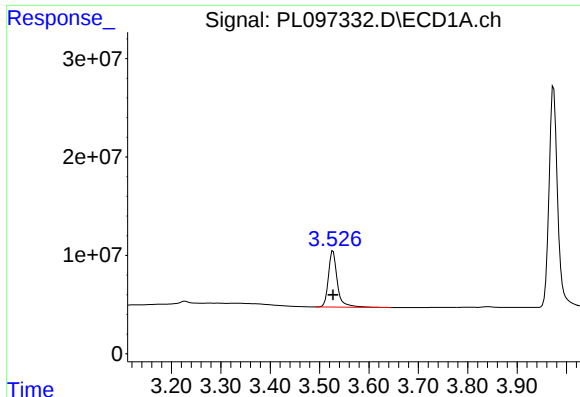
Manual Integrations
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Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:48:08 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





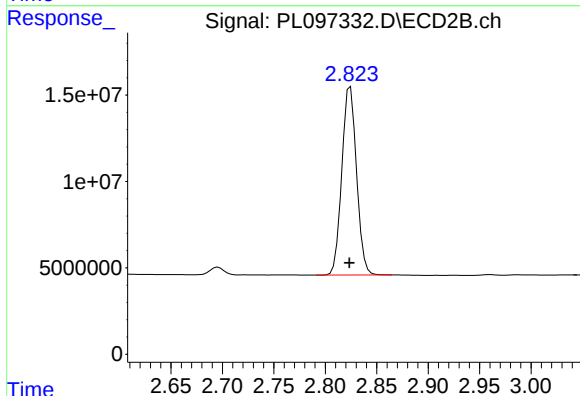
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 71695516
Conc: 15.84 ng/ml

Instrument :
ECD_L
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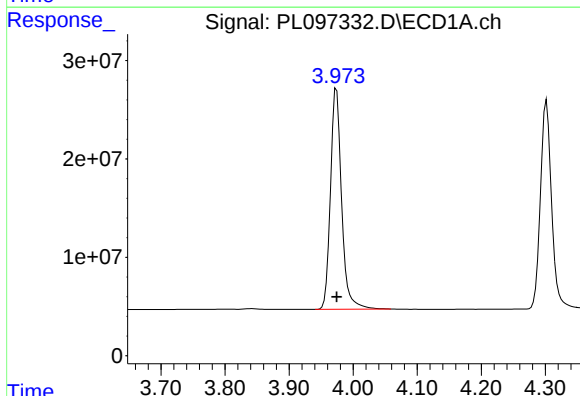
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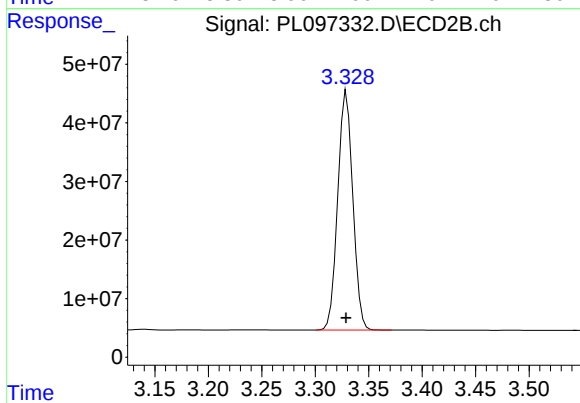
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 108370071
Conc: 16.48 ng/ml



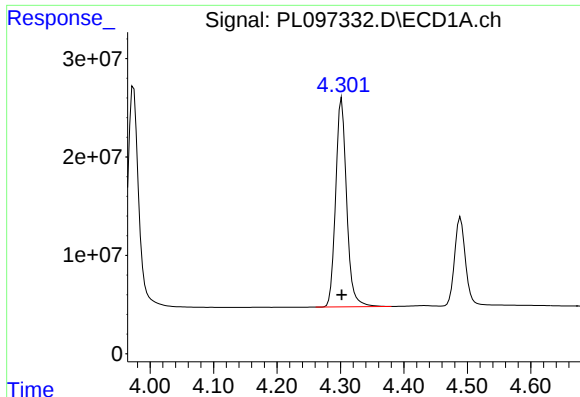
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 271679467
Conc: 38.88 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 400616514
Conc: 40.23 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 255439524
Conc: 38.63 ng/ml

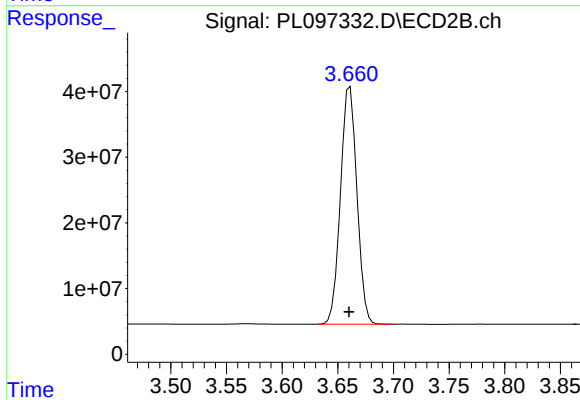
Instrument :

ECD_L

ClientSampleId :
PB169782BS

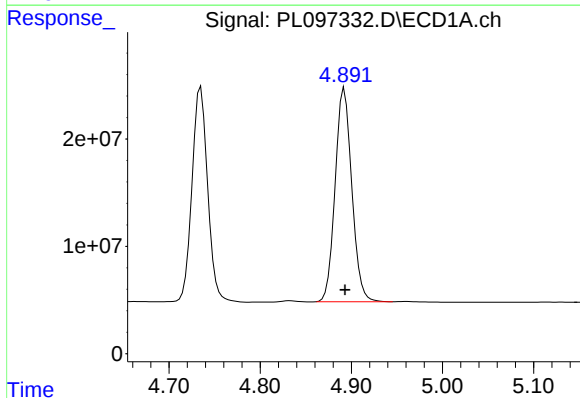
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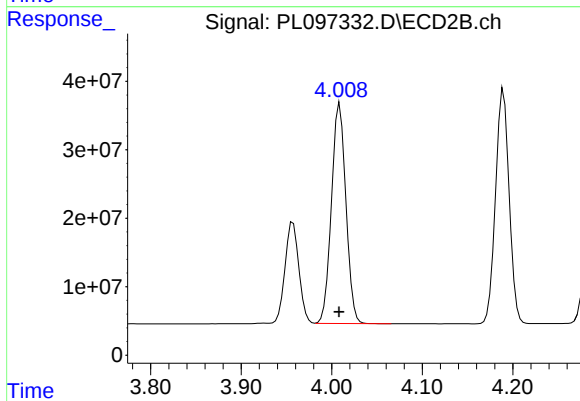
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 371898090
Conc: 39.93 ng/ml



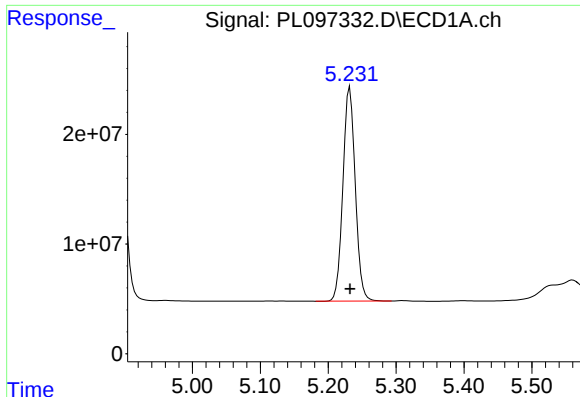
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 252713130
Conc: 37.89 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 357246456
Conc: 38.39 ng/ml



#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 247083440
Conc: 39.01 ng/ml

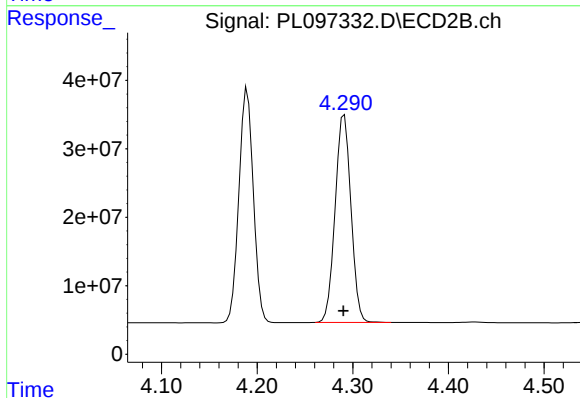
Instrument :

ECD_L

ClientSampleId :
PB169782BS

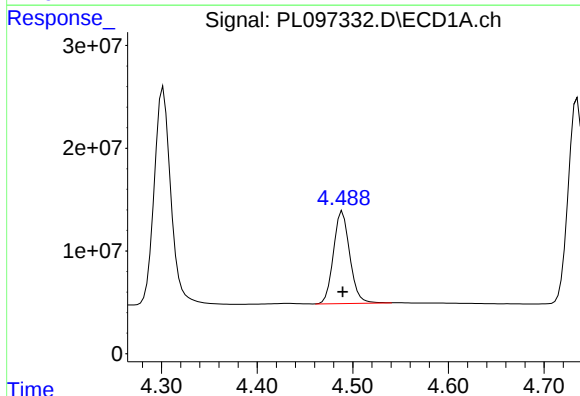
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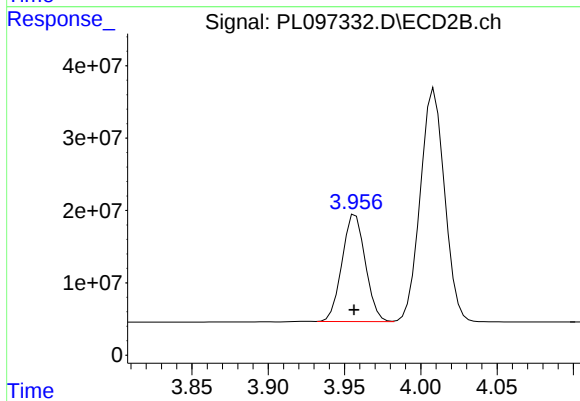
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 348413572
Conc: 40.14 ng/ml



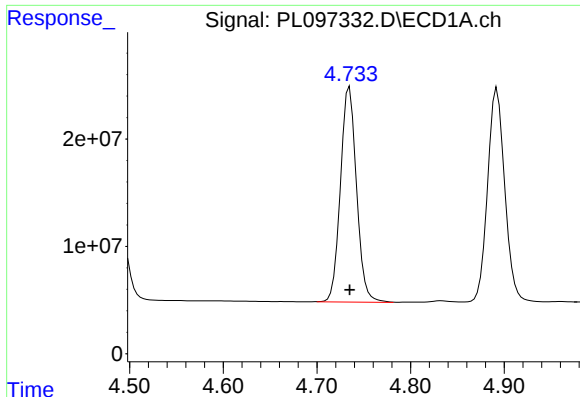
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 106574469
Conc: 39.09 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 157246437
Conc: 38.71 ng/ml



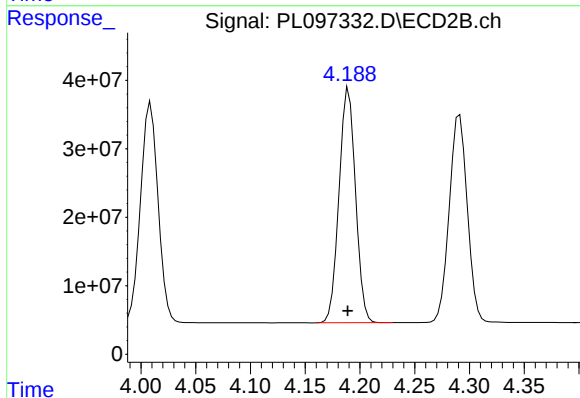
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 239525949
Conc: 39.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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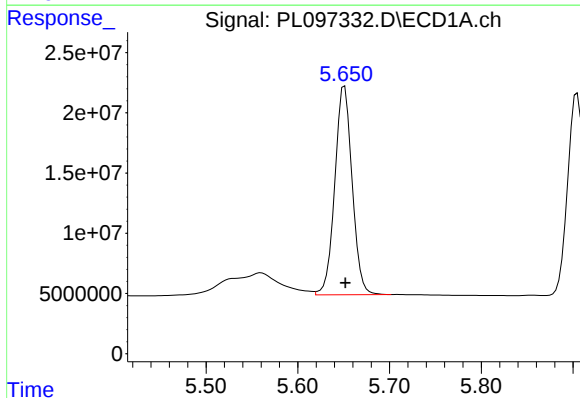
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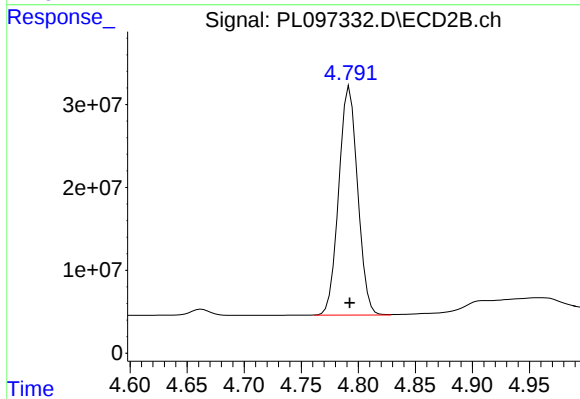
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 358601584
Conc: 39.01 ng/ml



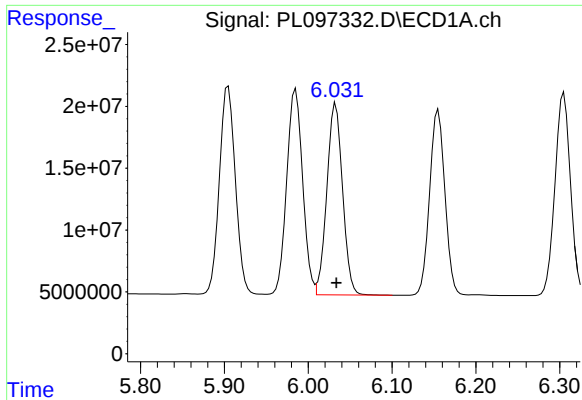
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 227932479
Conc: 39.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 318155871
Conc: 40.11 ng/ml



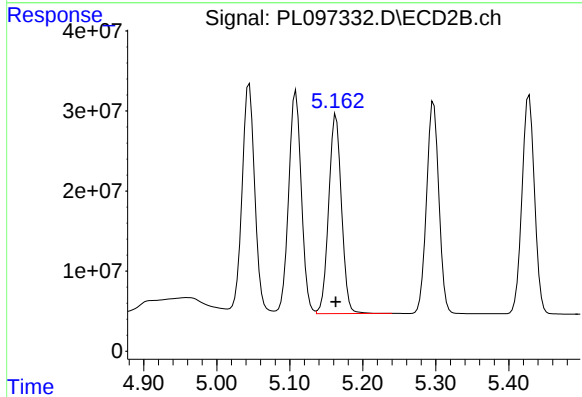
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 201726849
Conc: 38.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

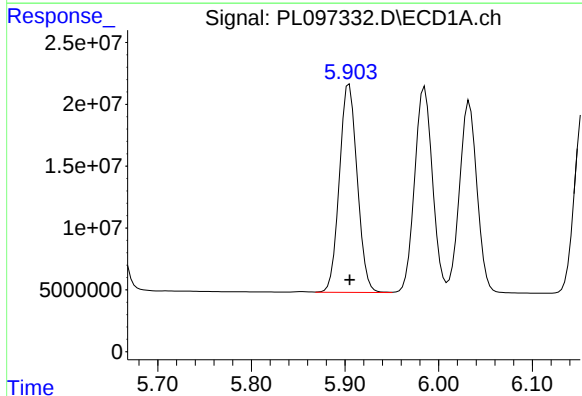
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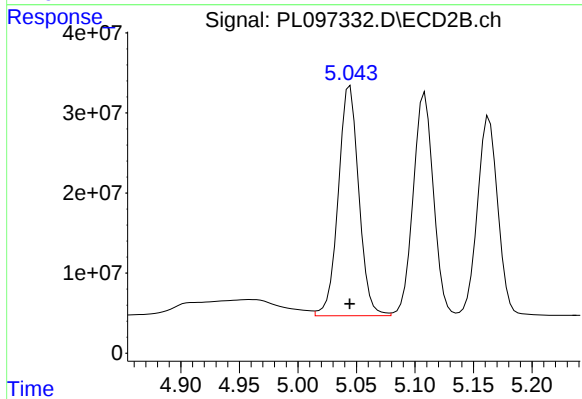
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 302949887
Conc: 39.43 ng/ml



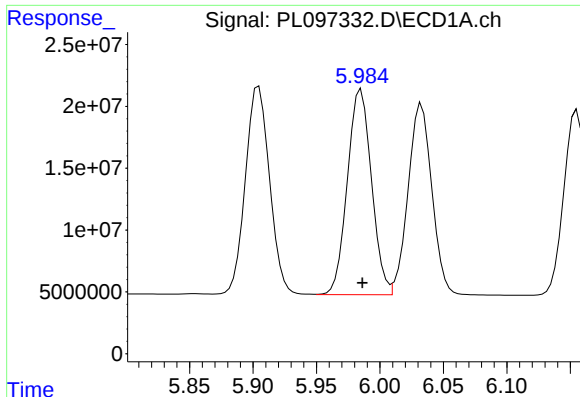
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 222995606
Conc: 39.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 350440312
Conc: 40.12 ng/ml



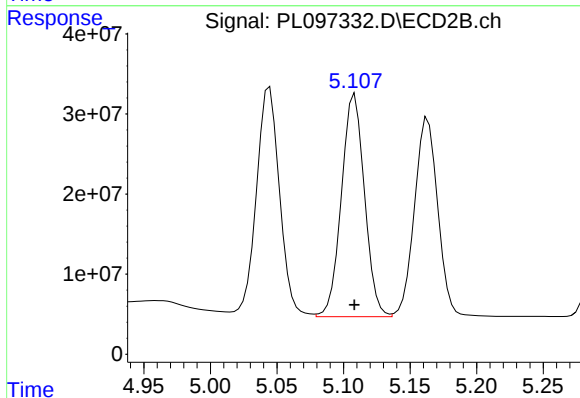
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 219637032
Conc: 38.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

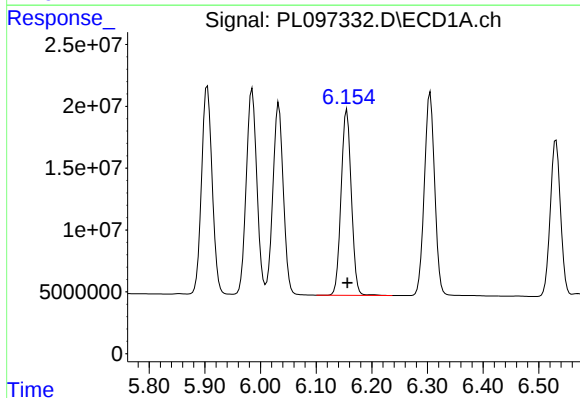
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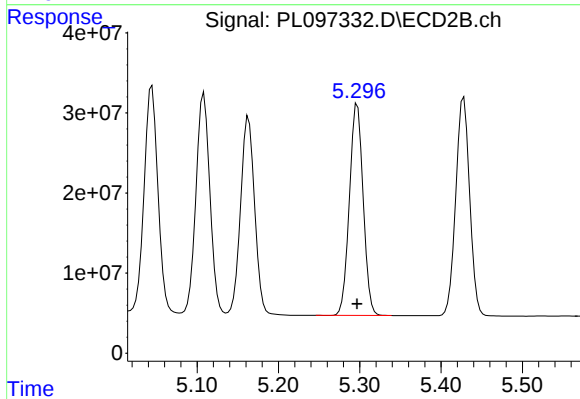
#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 335633479
Conc: 40.44 ng/ml



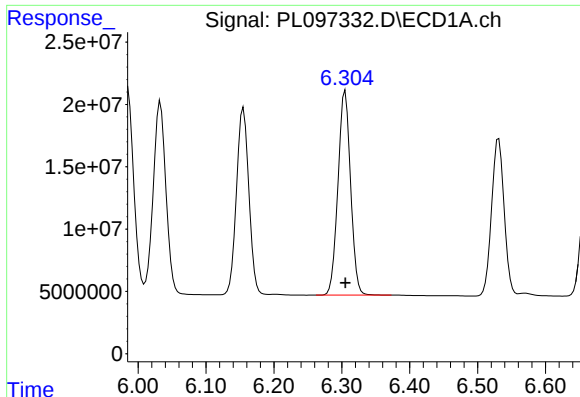
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 191379061
Conc: 40.17 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 309934390
Conc: 40.33 ng/ml



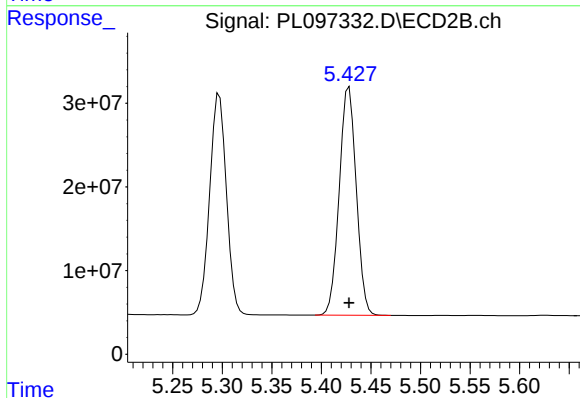
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 211778331
Conc: 38.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

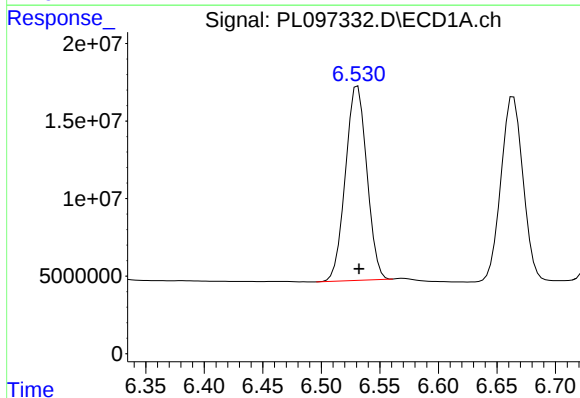
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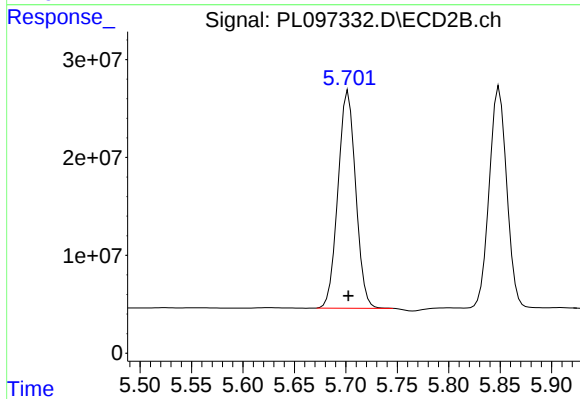
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 325863275
Conc: 39.85 ng/ml



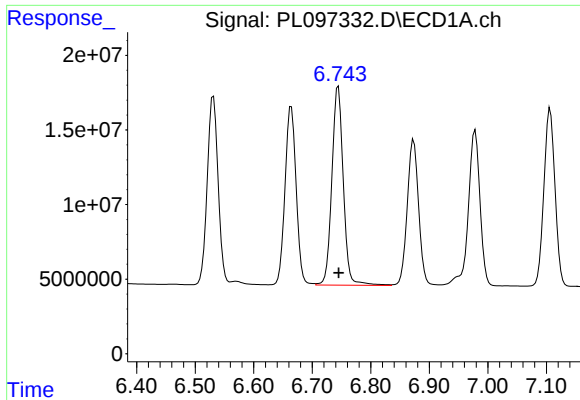
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 159574071
Conc: 34.59 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 265880191
Conc: 35.40 ng/ml



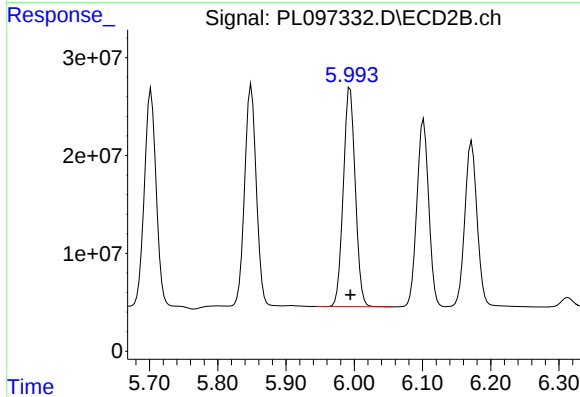
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 181110618
Conc: 36.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

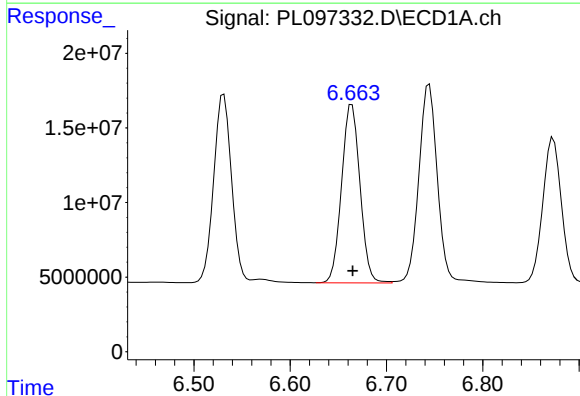
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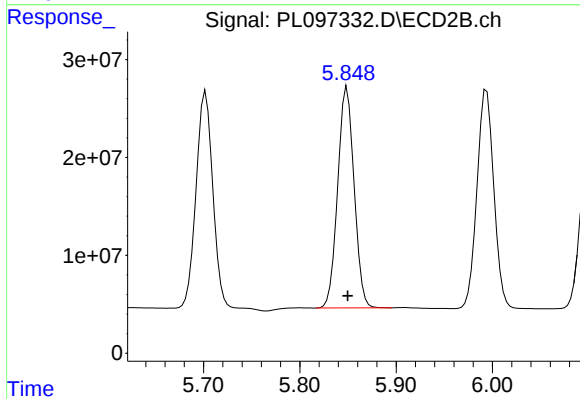
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 273177059
Conc: 38.43 ng/ml



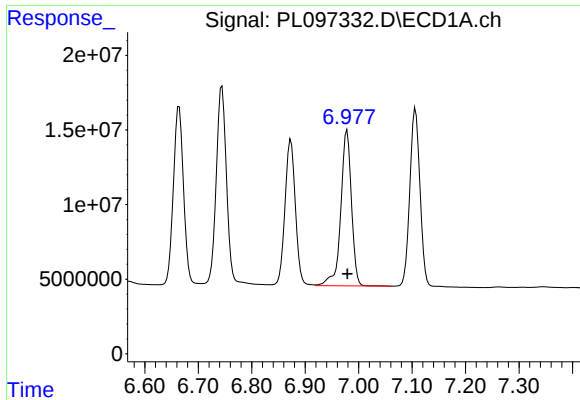
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 158338528
Conc: 41.99 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 267073108
Conc: 41.41 ng/ml



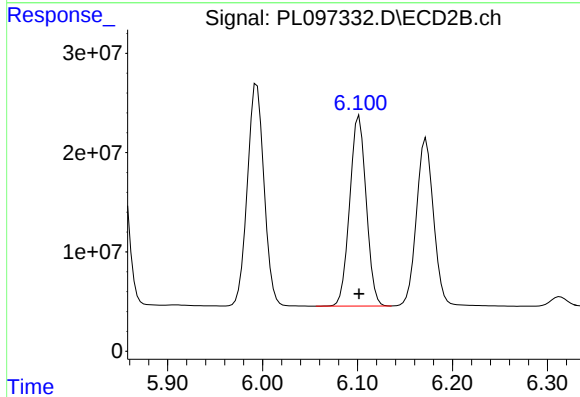
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 145438826
Conc: 34.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

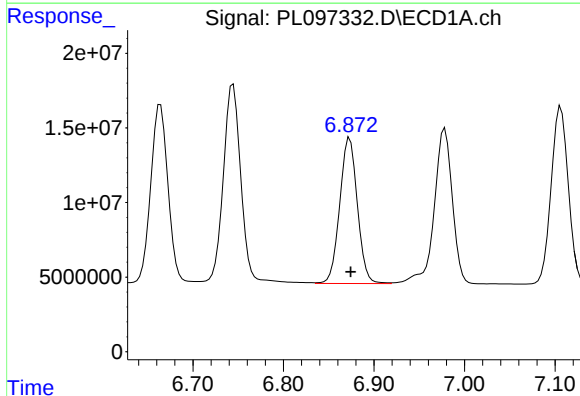
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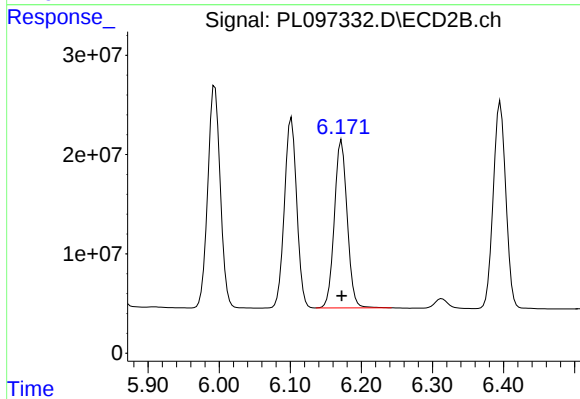
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 230982004
Conc: 33.38 ng/ml



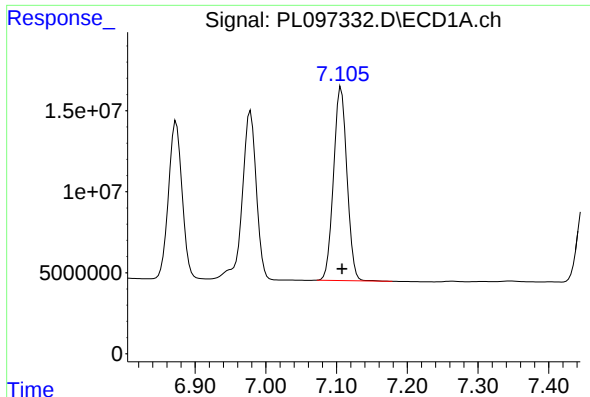
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 132415431
Conc: 42.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 211570457
Conc: 39.64 ng/ml



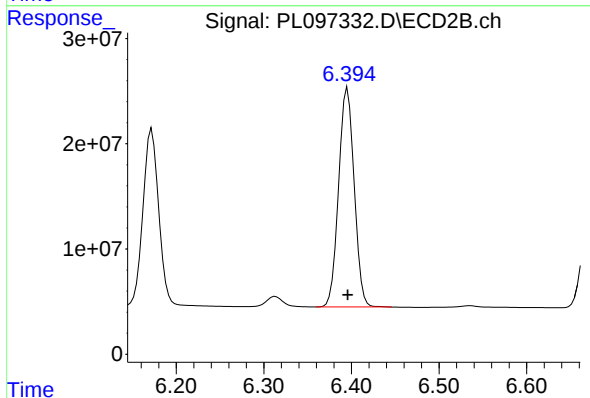
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 157334888
Conc: 38.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

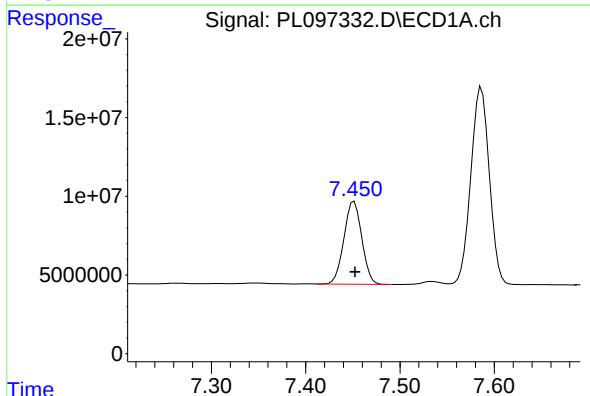
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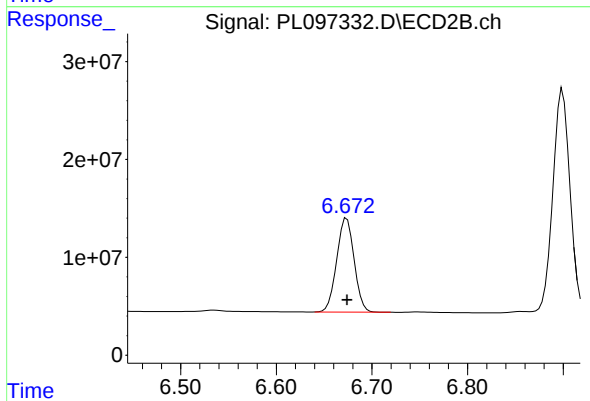
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 256921935
Conc: 37.51 ng/ml



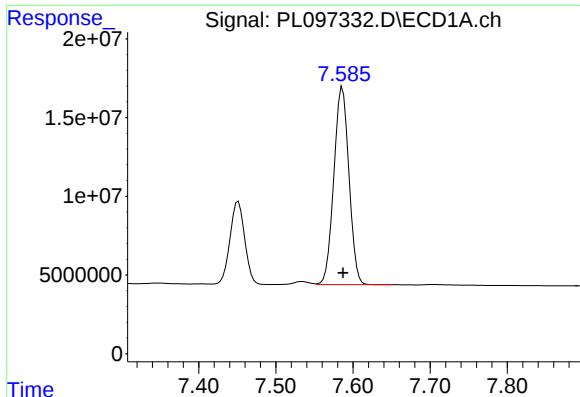
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 69315284
Conc: 33.24 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 121584215
Conc: 32.25 ng/ml



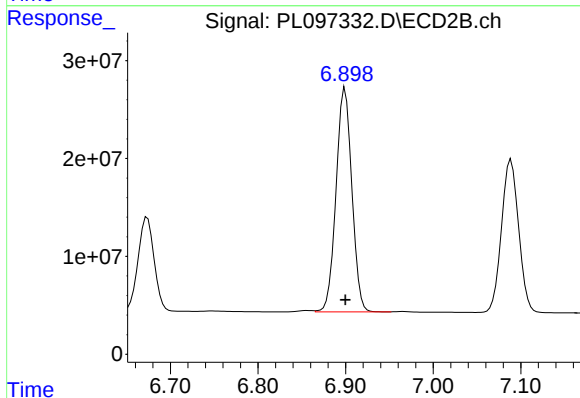
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 170965774
Conc: 40.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

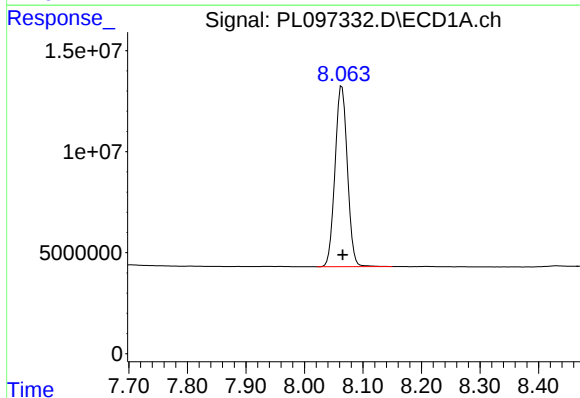
Manual Integrations
APPROVED

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



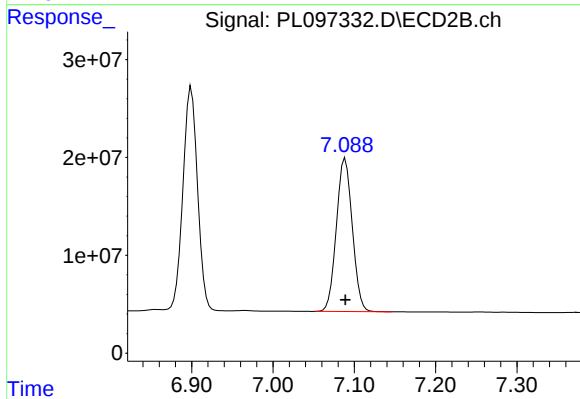
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 287019048
Conc: 38.12 ng/ml



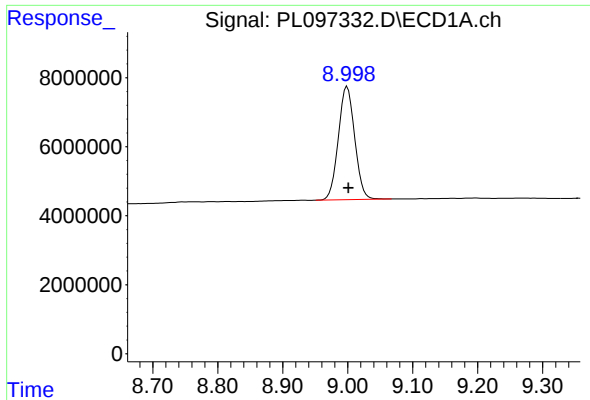
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 131315163
Conc: 36.99 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 212701632
Conc: 35.58 ng/ml



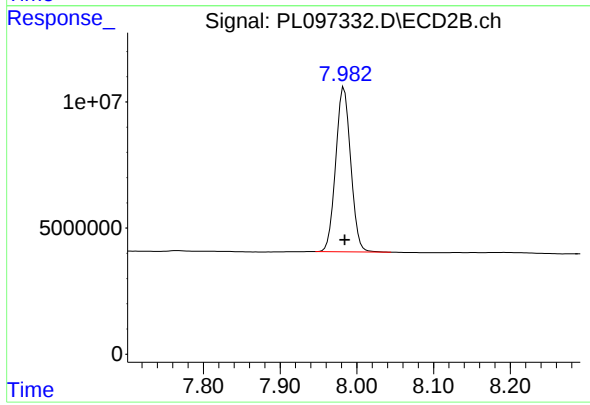
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 57344782
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169782BS

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



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 88550608
Conc: 15.56 ng/ml