

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 17:22
 Operator : AR\AJ
 Sample : PB169724BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169724BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2025
 Supervised By : mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:00:37 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...	3.528	2.824	71496665	102.5E6	18.129	18.191
28)	SA Decachlor...	8.999	7.983	59339947	103.0E6	20.043	21.475
Target Compounds							
2)	A alpha-BHC	3.975	3.329	267.5E6	378.5E6	46.173	46.091
3)	MA gamma-BHC...	4.302	3.661	251.5E6	352.4E6	46.045	47.838
4)	MA Heptachlor	4.893	4.008	249.8E6	341.6E6	46.854	45.400
5)	MB Aldrin	5.232	4.290	243.2E6	329.1E6	46.290	46.790
6)	B beta-BHC	4.489	3.957	102.1E6	149.4E6	44.627	45.810
7)	B delta-BHC	4.735	4.189	229.7E6	341.6E6	51.053	46.477
8)	B Heptachlo...	5.652	4.792	224.5E6	300.9E6	43.626	47.578
9)	A Endosulfan I	6.033	5.163	200.6E6	280.1E6	46.695	46.746
10)	B gamma-Chl...	5.904	5.044	218.5E6	313.5E6	47.452m	47.425
11)	B alpha-Chl...	5.986	5.108	217.0E6	309.0E6	46.117	47.316
12)	B 4,4'-DDE	6.156	5.296	185.3E6	294.8E6	46.446	47.905
13)	MA Dieldrin	6.305	5.428	212.2E6	311.2E6	46.740	47.485
14)	MA Endrin	6.531	5.702	167.6E6	266.1E6	44.745	45.048
15)	B Endosulfa...	6.745	5.994	182.7E6	269.7E6	41.475	47.158
16)	A 4,4'-DDD	6.665	5.849	150.8E6	257.7E6	47.792	49.353
17)	MA 4,4'-DDT	6.979	6.101	149.7E6	239.4E6	42.737	43.705
18)	B Endrin al...	6.874	6.172	131.7E6	211.1E6	50.643	50.844
19)	B Endosulfa...	7.107	6.396	161.7E6	260.2E6	47.101	46.436
20)	A Methoxychlor	7.452	6.673	73168221	130.4E6	42.160	43.478
21)	B Endrin ke...	7.586	6.899	175.1E6	303.0E6	49.264	48.416
22)	Mirex	8.064	7.089	137.7E6	229.2E6	46.035	47.201

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
Data File : PL097245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 17:22
Operator : AR\AJ
Sample : PB169724BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

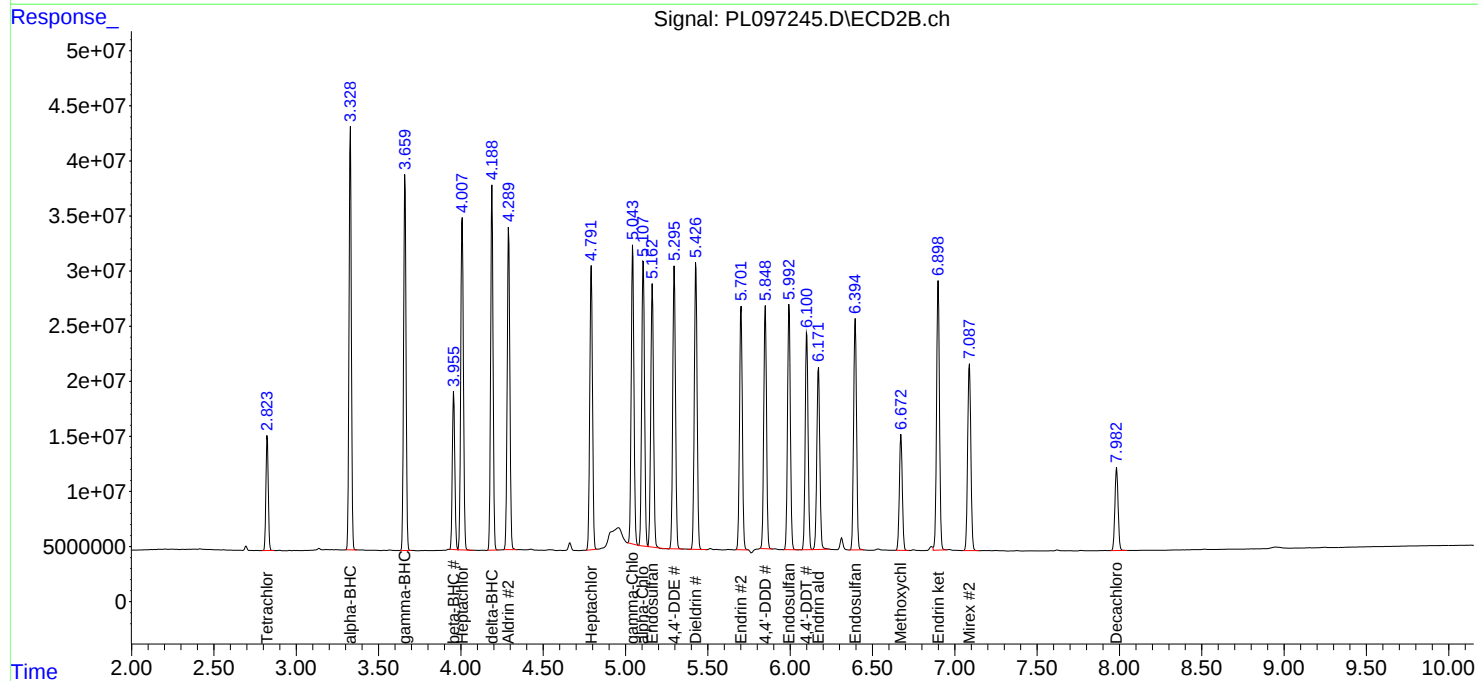
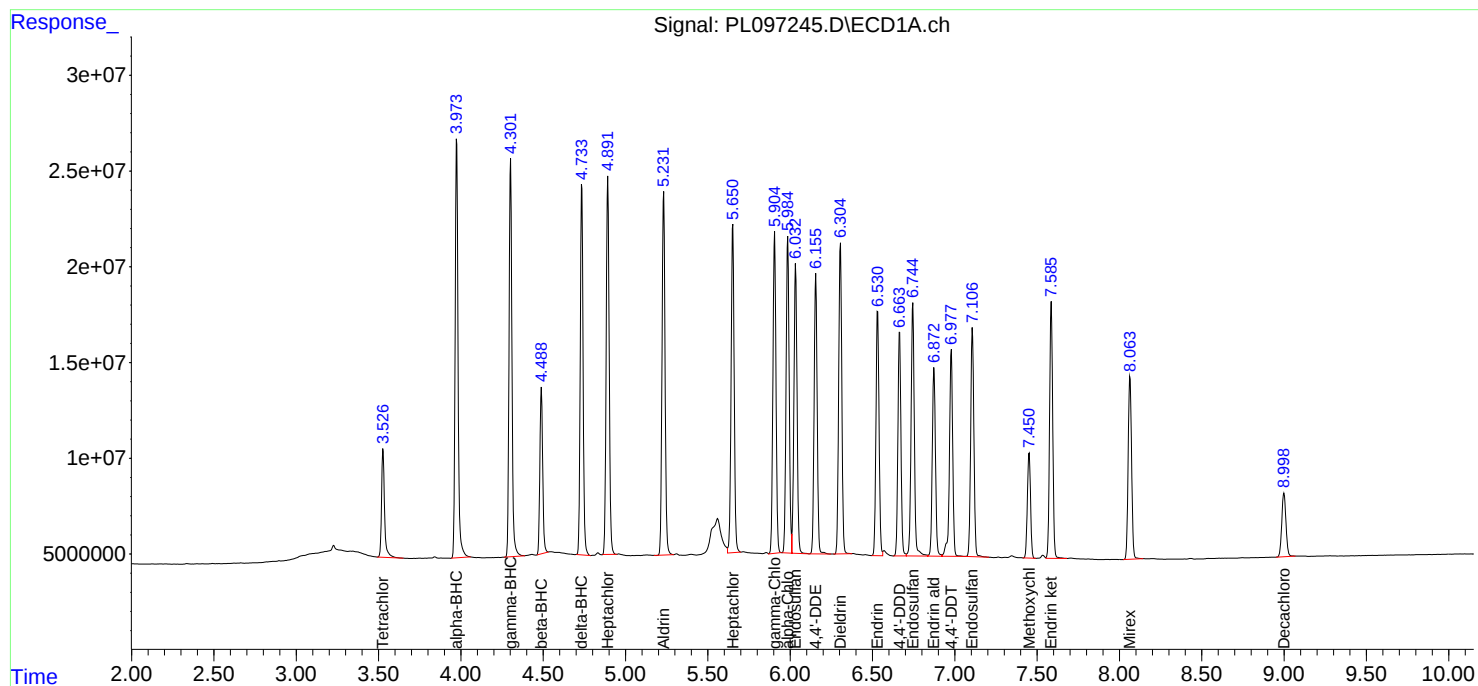
Instrument :
ECD_L
ClientSampleId :
PB169724BS

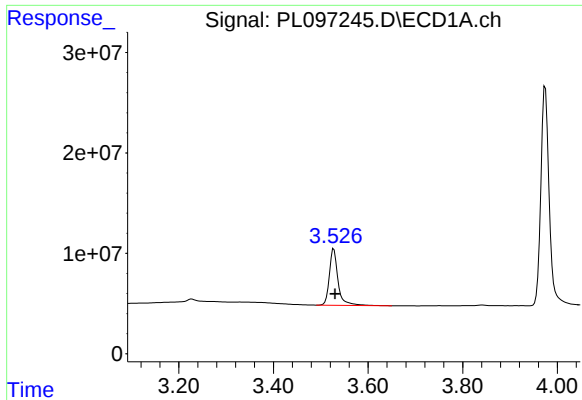
Manual Integrations
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Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 02:00:37 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





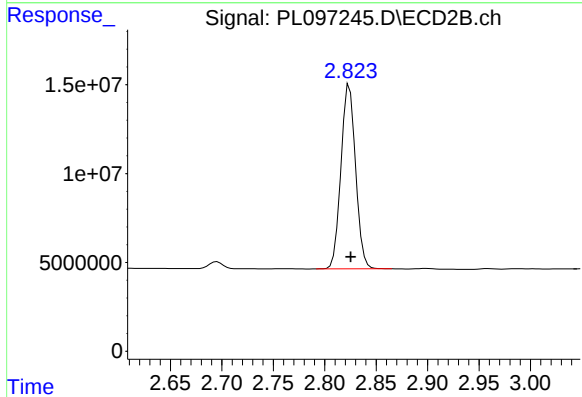
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 71496665
Conc: 18.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

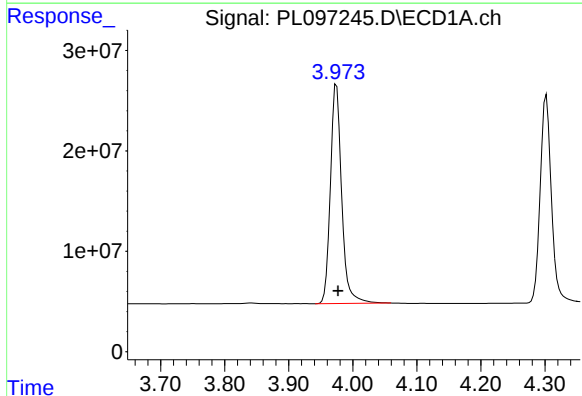
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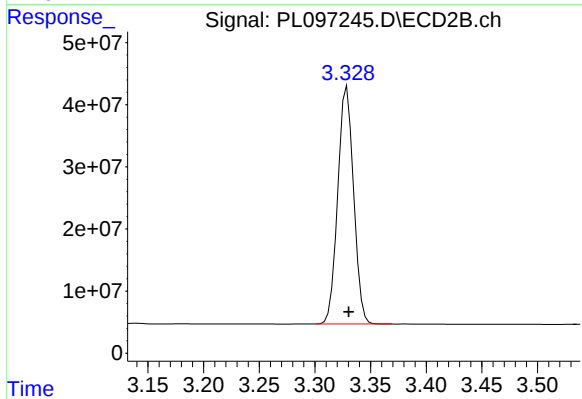
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 102537537
Conc: 18.19 ng/ml



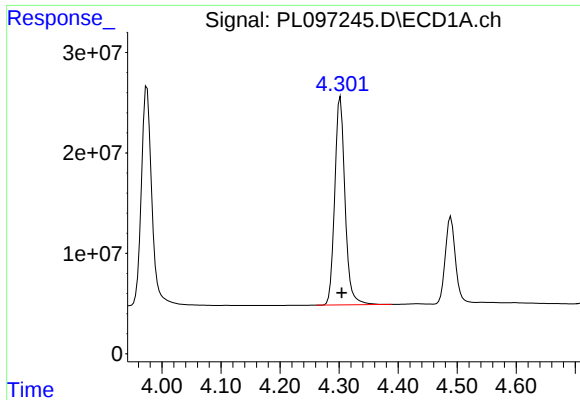
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 267525271
Conc: 46.17 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 378469910
Conc: 46.09 ng/ml



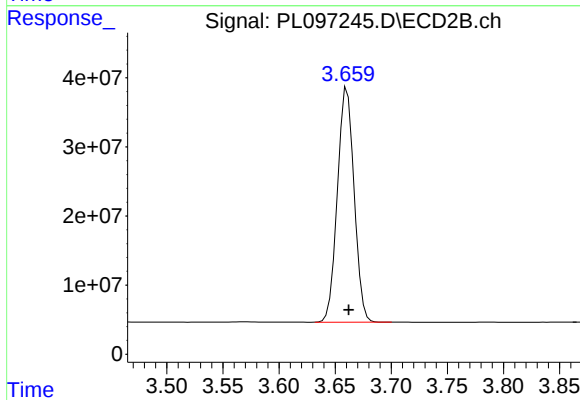
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 251490096
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

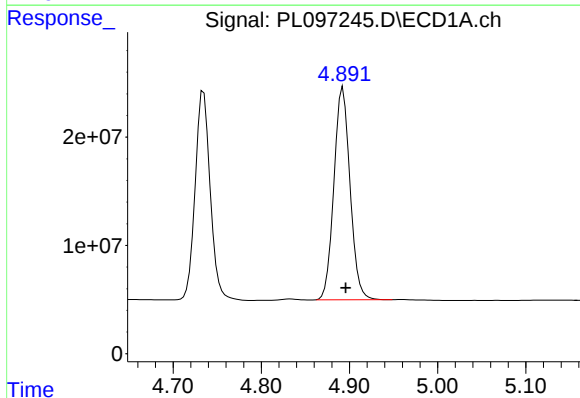
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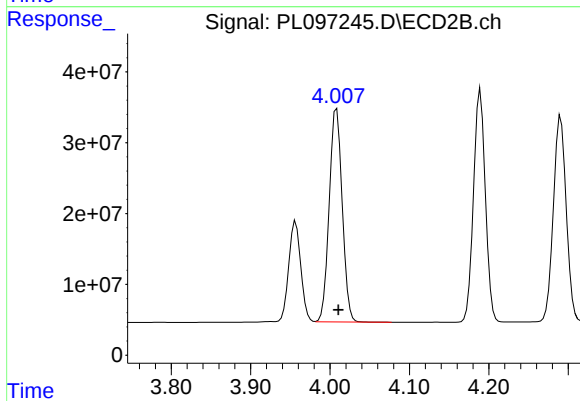
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 352395008
Conc: 47.84 ng/ml



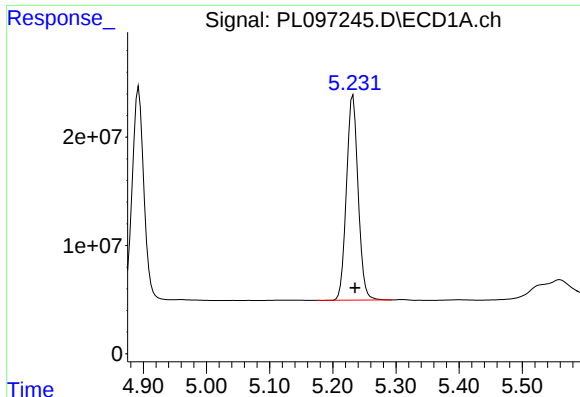
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 249841104
Conc: 46.85 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 341599012
Conc: 45.40 ng/ml



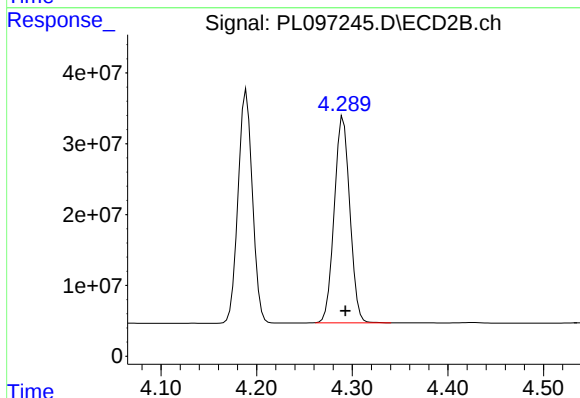
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 243184847
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

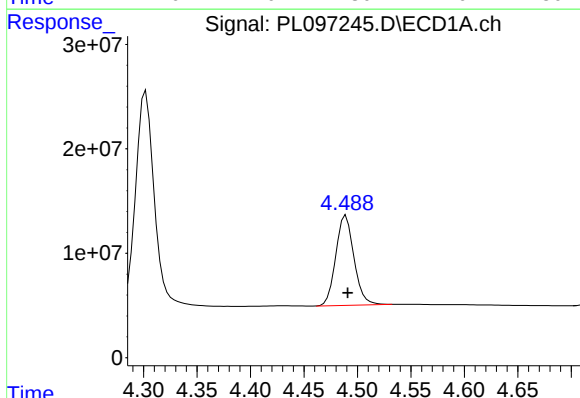
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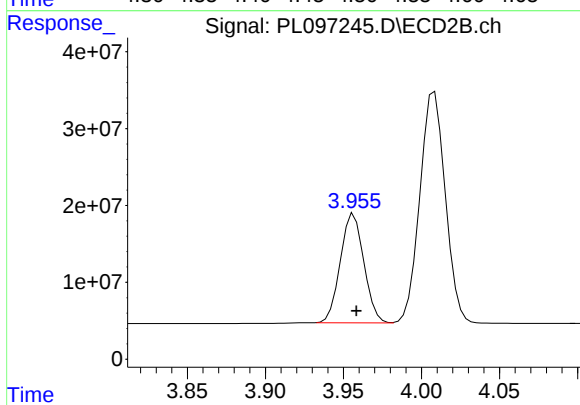
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 329066136
Conc: 46.79 ng/ml



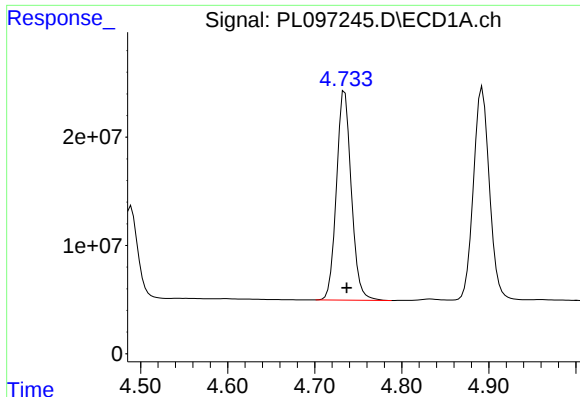
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 102064316
Conc: 44.63 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 149446049
Conc: 45.81 ng/ml



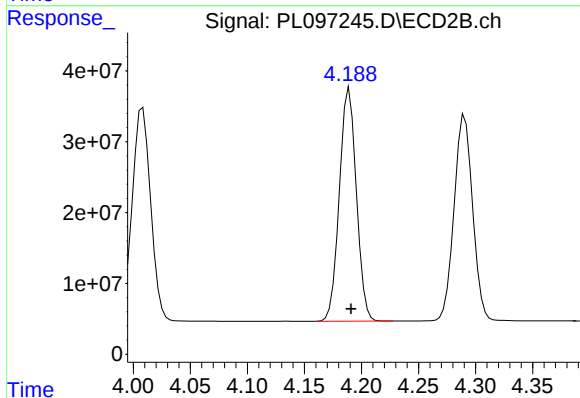
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.002 min
Response: 229737014
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

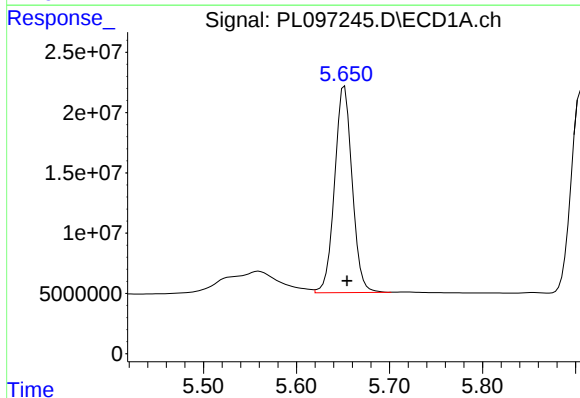
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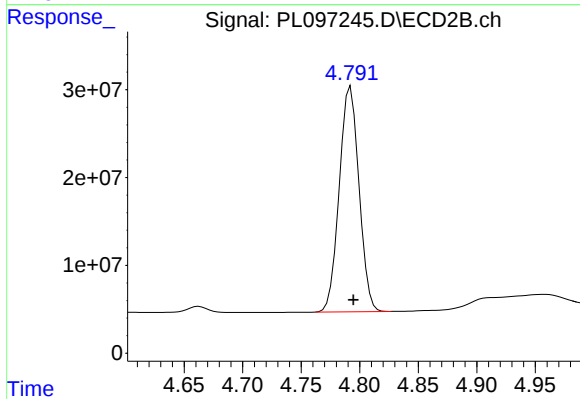
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.001 min
Response: 341550935
Conc: 46.48 ng/ml



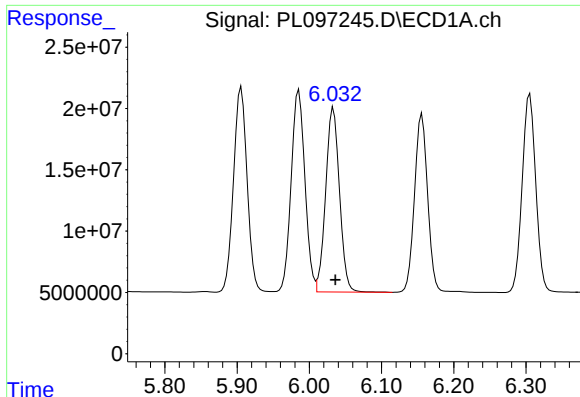
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 224490494
Conc: 43.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 300933041
Conc: 47.58 ng/ml



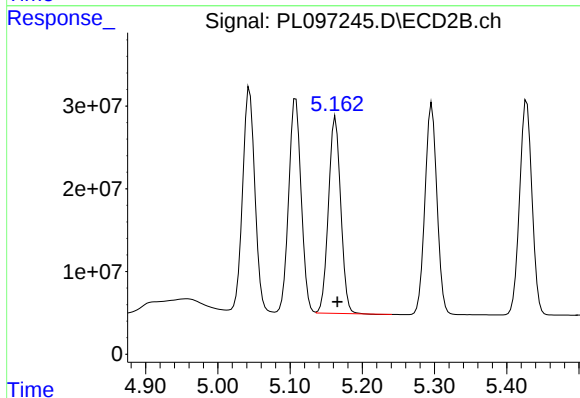
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 200640301
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

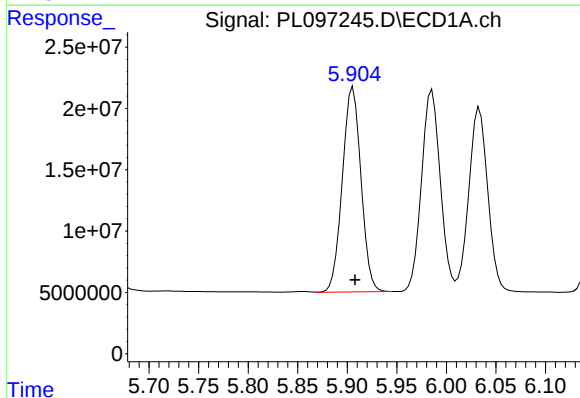
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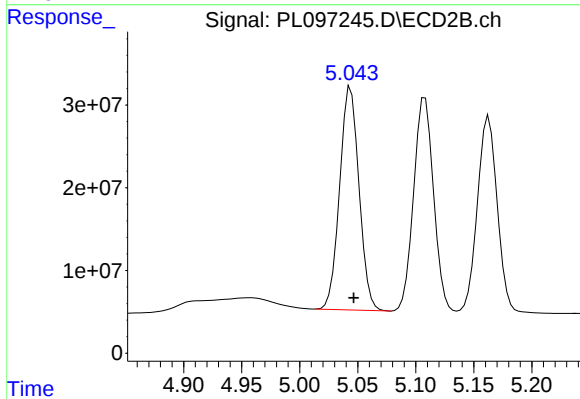
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 280070341
Conc: 46.75 ng/ml



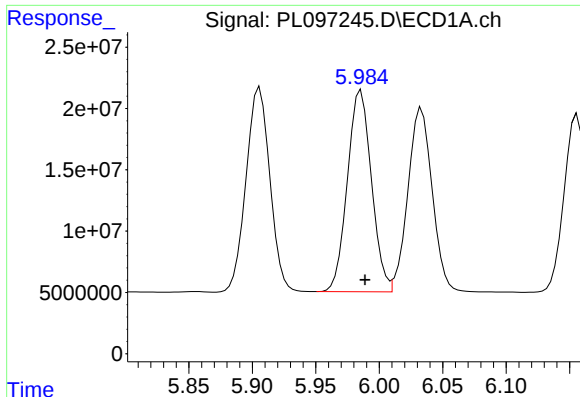
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 218541281
Conc: 47.45 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 313529923
Conc: 47.42 ng/ml



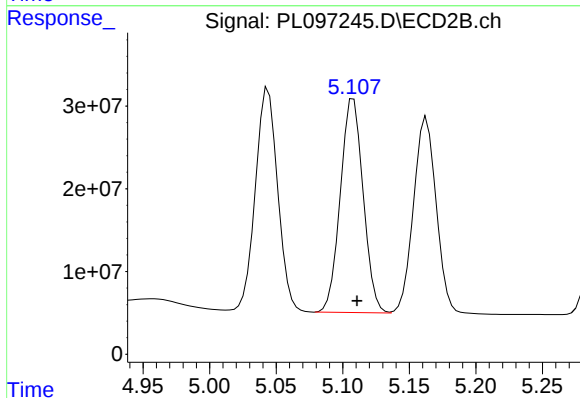
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 217021092
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

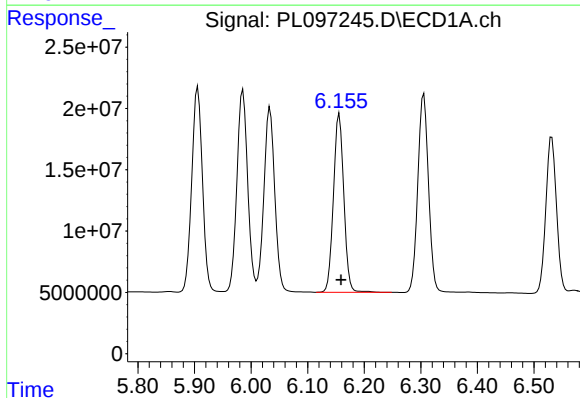
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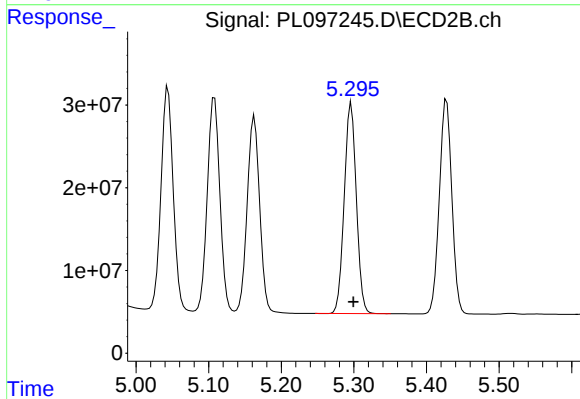
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 308964787
Conc: 47.32 ng/ml



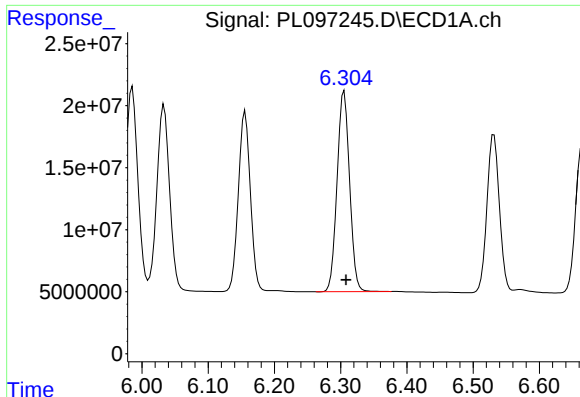
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 185327275
Conc: 46.45 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 294838801
Conc: 47.90 ng/ml



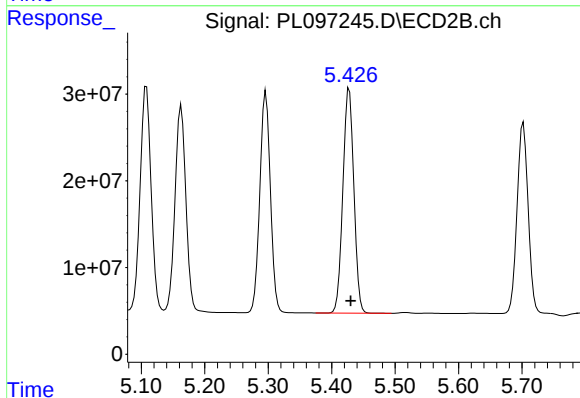
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 212237610
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

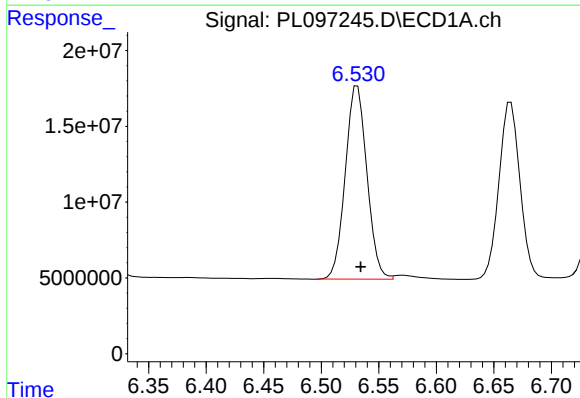
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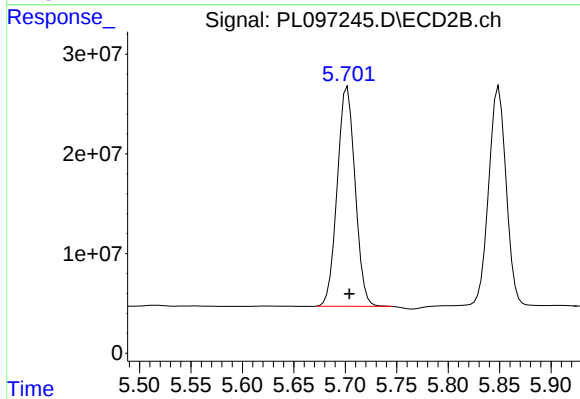
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 311169425
Conc: 47.48 ng/ml



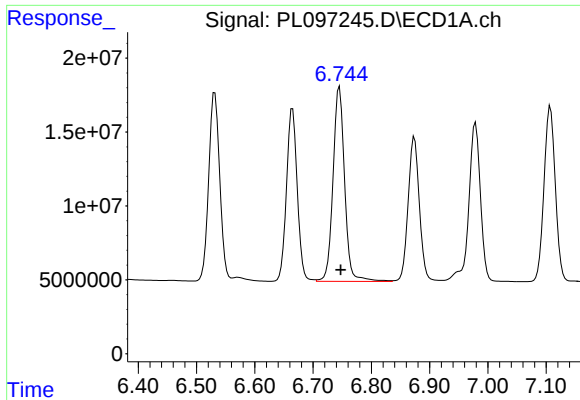
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 167564481
Conc: 44.74 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 266104904
Conc: 45.05 ng/ml



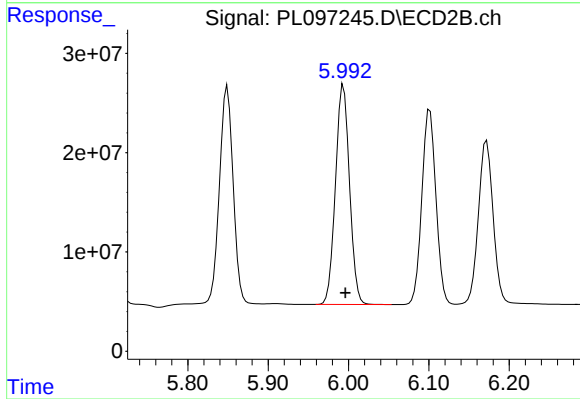
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 182701187
Conc: 41.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

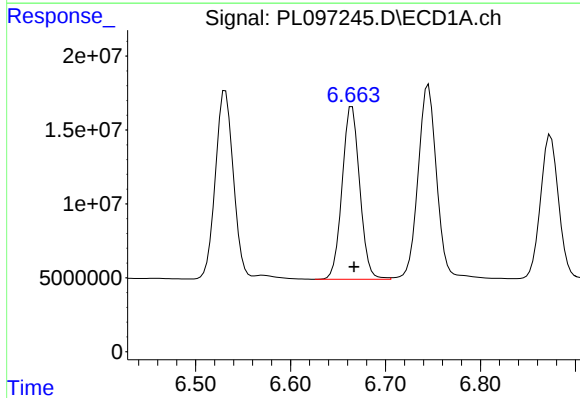
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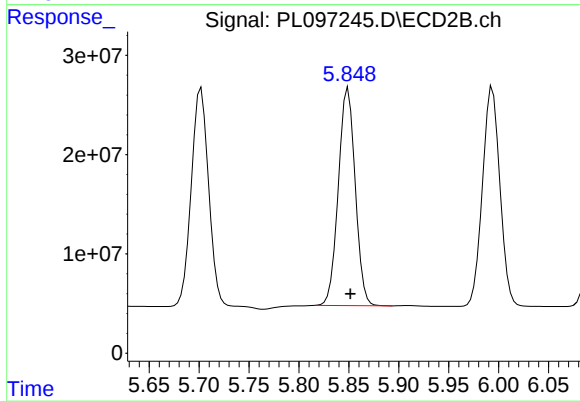
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 269684731
Conc: 47.16 ng/ml



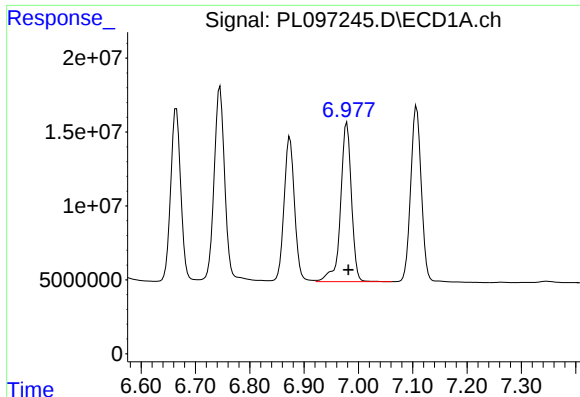
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 150821620
Conc: 47.79 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 257739186
Conc: 49.35 ng/ml



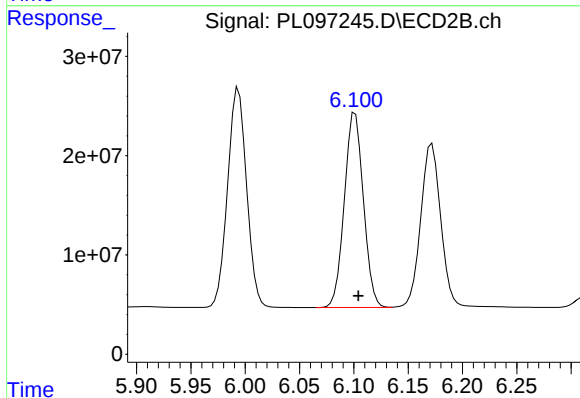
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 149682870
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

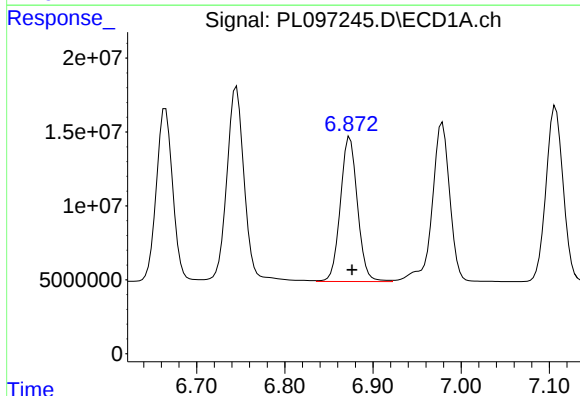
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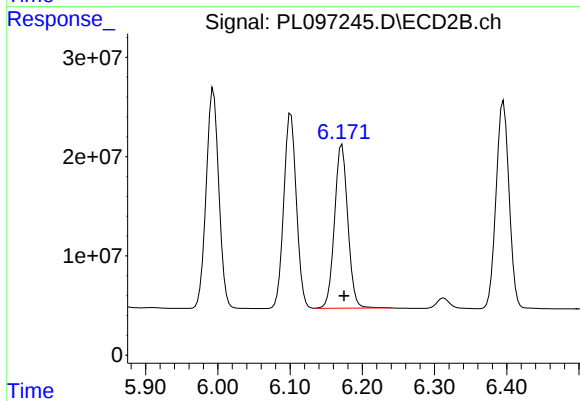
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 239382021
Conc: 43.70 ng/ml



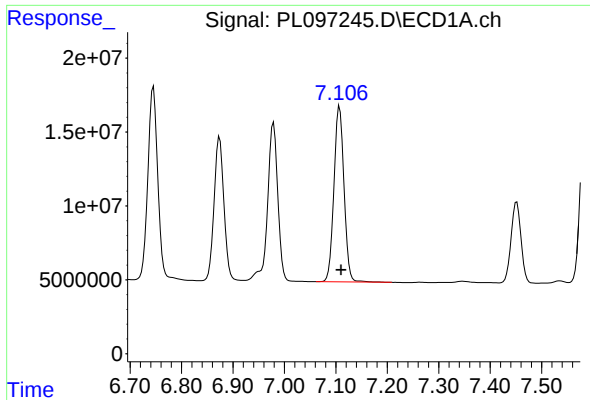
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 131745933
Conc: 50.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 211064303
Conc: 50.84 ng/ml



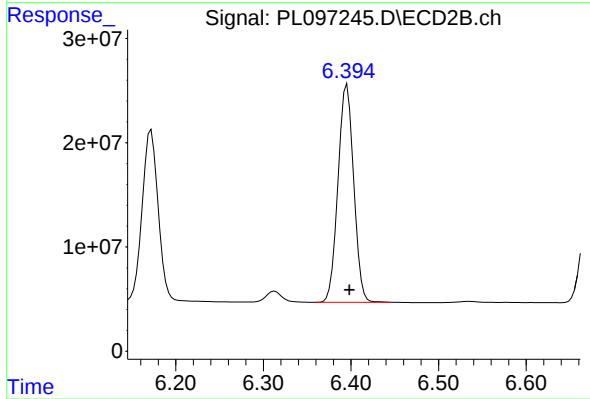
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 161713492
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

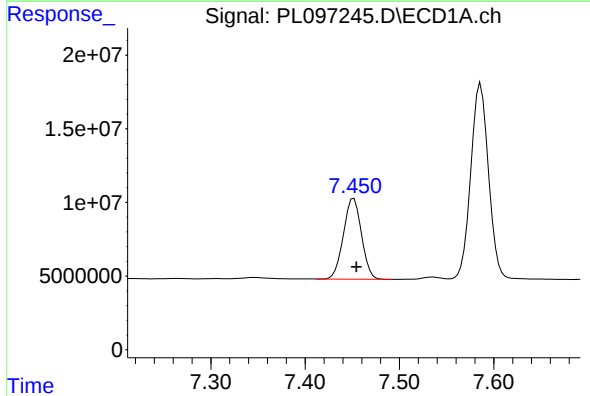
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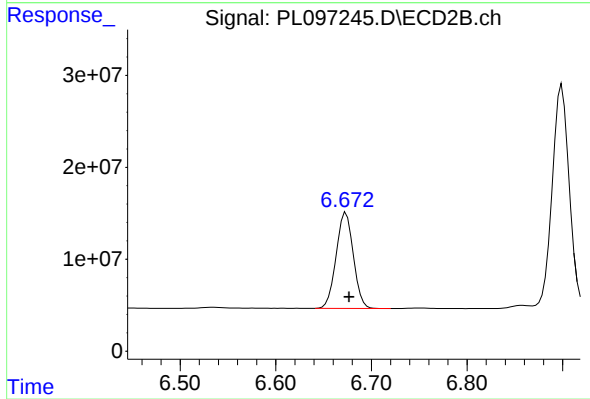
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 260180934
Conc: 46.44 ng/ml



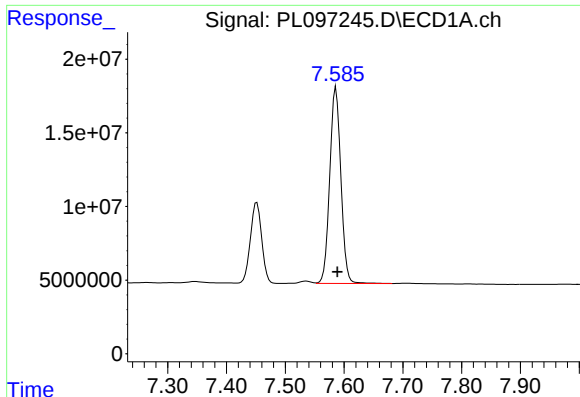
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 73168221
Conc: 42.16 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 130424451
Conc: 43.48 ng/ml



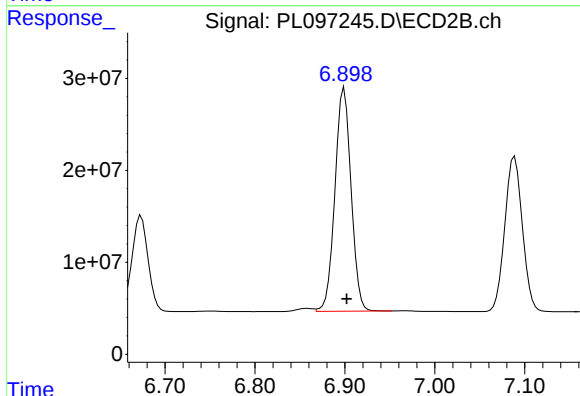
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 175146587
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

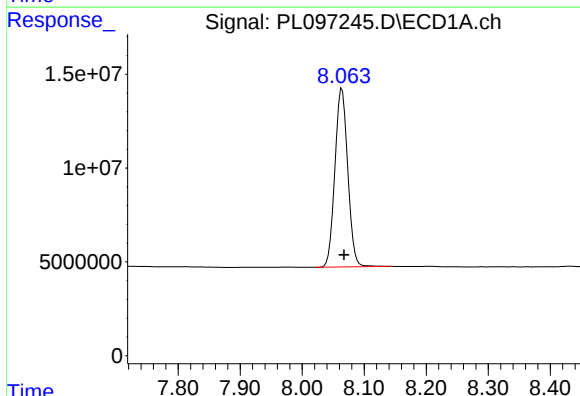
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



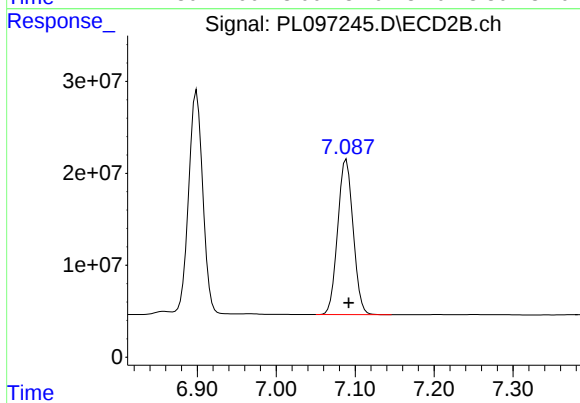
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 303032155
Conc: 48.42 ng/ml



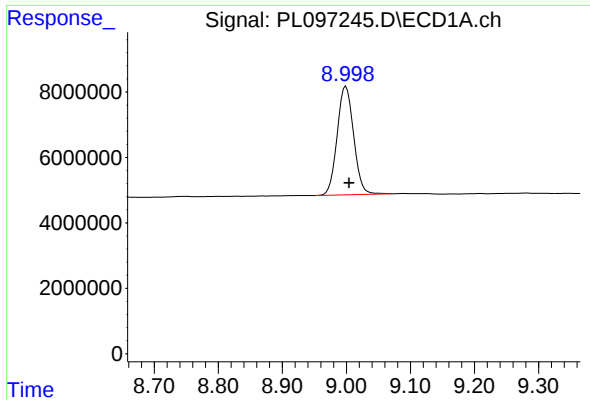
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 137732757
Conc: 46.04 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 229234920
Conc: 47.20 ng/ml



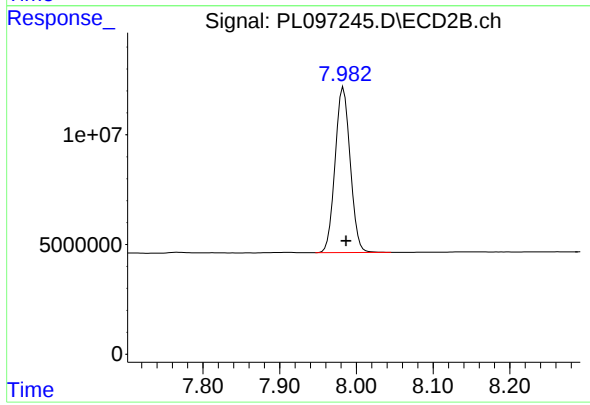
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 59339947
Conc: 20.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169724BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 102991729
Conc: 21.48 ng/ml