

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 12:35
 Operator : AR\AJ
 Sample : Q3245-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 13-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:47:07 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...	3.525	2.823	64018101	93249388	14.141m	14.181
28)	SA Decachlor...	8.996	7.981	46756346	70325434	14.289	12.356
Target Compounds							
2)	A alpha-BHC	3.972	3.328	246.0E6	343.2E6	35.203	34.462
3)	MA gamma-BHC...	4.300	3.660	231.7E6	315.9E6	35.043	33.911
4)	MA Heptachlor	4.891	4.007	221.1E6	301.0E6	33.152	32.345
5)	MB Aldrin	5.230	4.289	219.2E6	288.9E6	34.613	33.283
6)	B beta-BHC	4.488	3.956	97301997	134.2E6	35.692	33.030
7)	B delta-BHC	4.731	4.188	221.6E6	308.7E6	36.522m	33.582
8)	B Heptachlo...	5.649	4.791	206.2E6	273.7E6	35.886	34.514
9)	A Endosulfan I	6.031	5.161	186.3E6	256.2E6	35.960	33.348
10)	B gamma-Chl...	5.903	5.043	206.9E6	295.7E6	36.600	33.857
11)	B alpha-Chl...	5.983	5.106	202.8E6	283.3E6	35.699	34.133
12)	B 4,4'-DDE	6.154	5.295	176.9E6	261.1E6	37.124	33.981
13)	MA Dieldrin	6.303	5.426	198.0E6	280.1E6	36.117	34.250
14)	MA Endrin	6.530	5.700	165.9E6	249.3E6	35.972	33.192
15)	B Endosulfa...	6.743	5.992	167.7E6	241.2E6	34.088	33.932
16)	A 4,4'-DDD	6.663	5.847	152.8E6	220.3E6	40.518	34.160
17)	MA 4,4'-DDT	6.977	6.100	137.2E6	199.4E6	32.465	28.818
18)	B Endrin al...	6.871	6.170	124.9E6	176.7E6	40.510	33.101
19)	B Endosulfa...	7.105	6.394	153.1E6	228.8E6	37.509	33.409
20)	A Methoxychlor	7.449	6.671	69066336	109.6E6	33.119	29.085
21)	B Endrin ke...	7.584	6.898	164.5E6	248.0E6	38.767	32.934
22)	Mirex	8.062	7.087	127.9E6	193.9E6	36.038	32.426

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 12:35
Operator : AR\AJ
Sample : Q3245-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

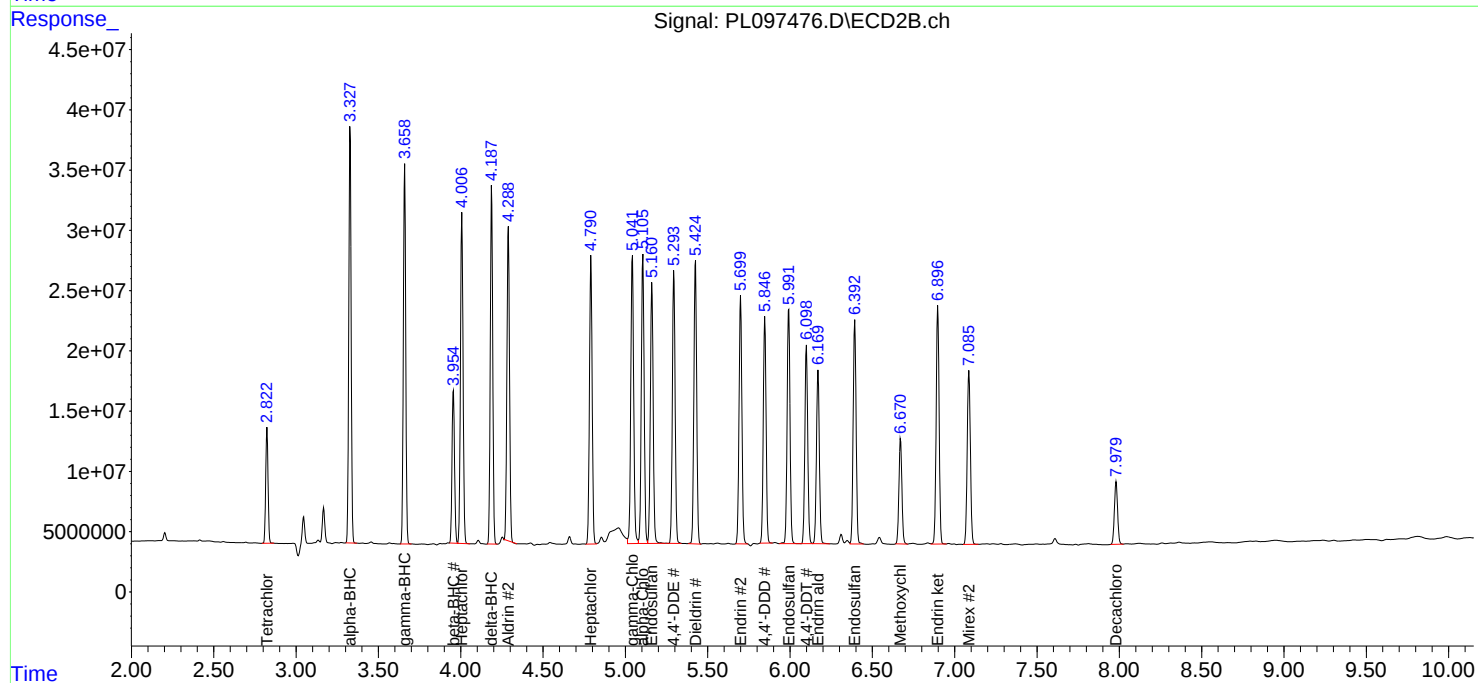
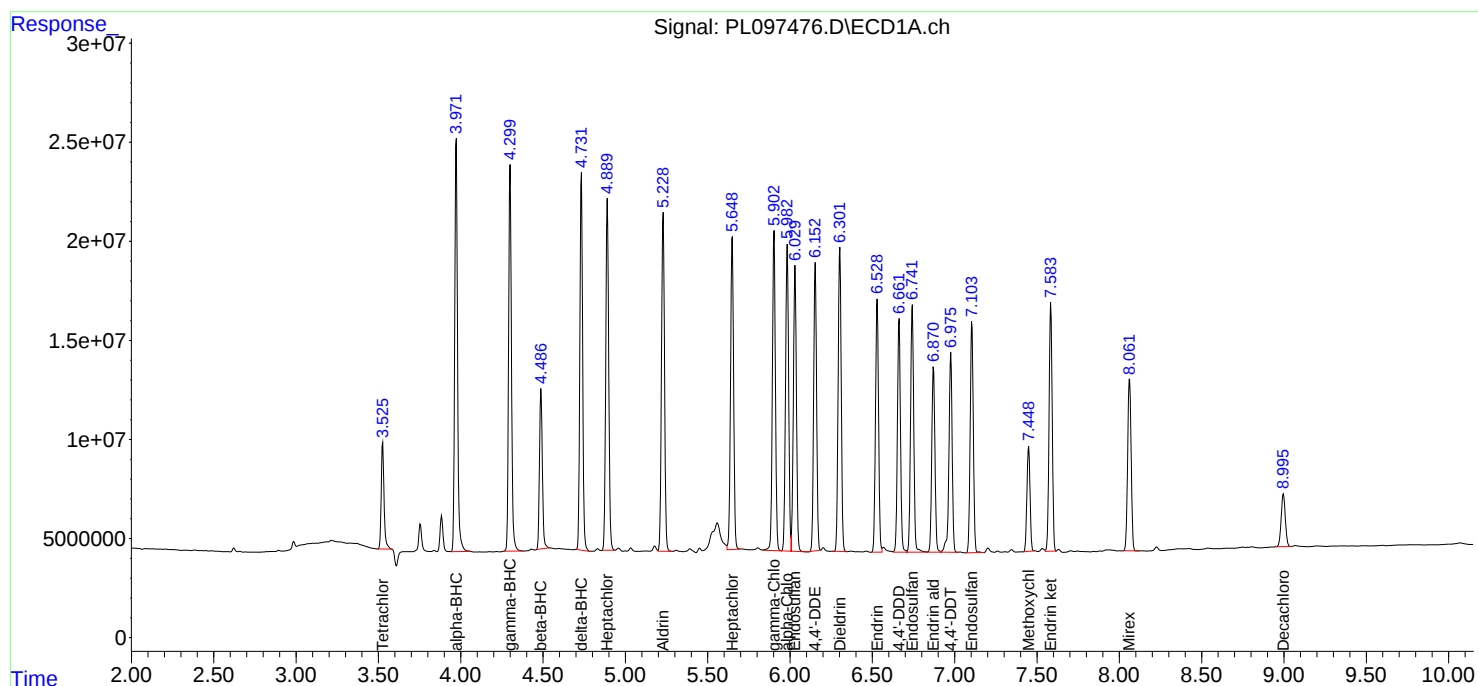
Instrument :
ECD_L
ClientSampleId :
13-1MSD

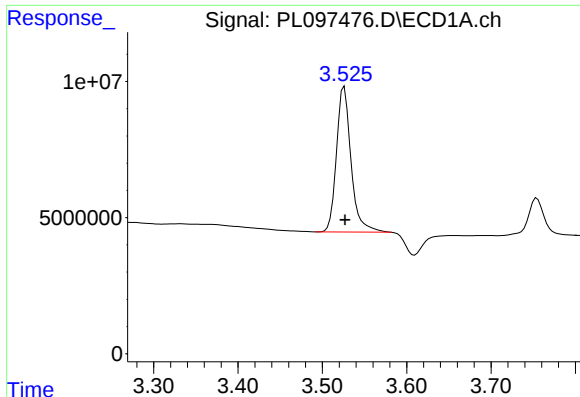
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:47:07 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





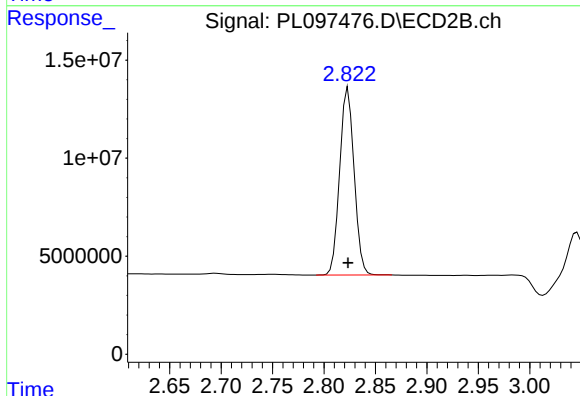
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 64018101
Conc: 14.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

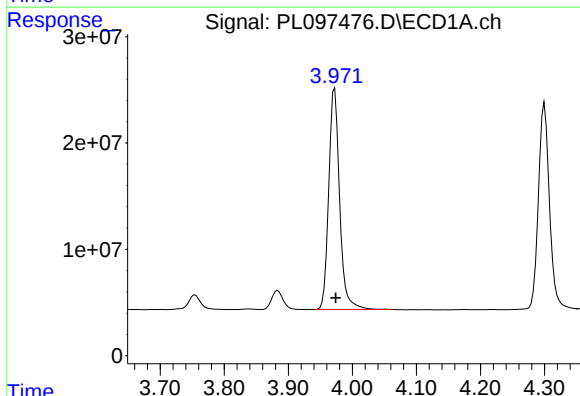
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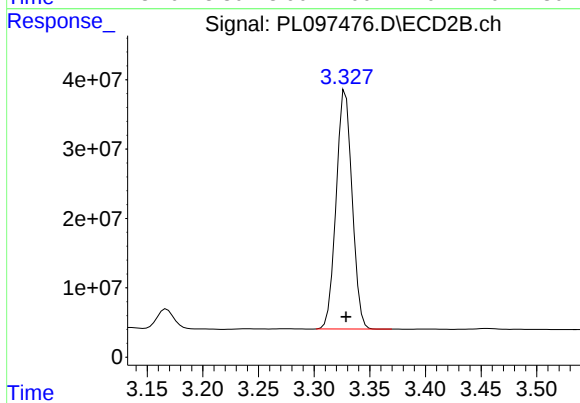
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 93249388
Conc: 14.18 ng/ml



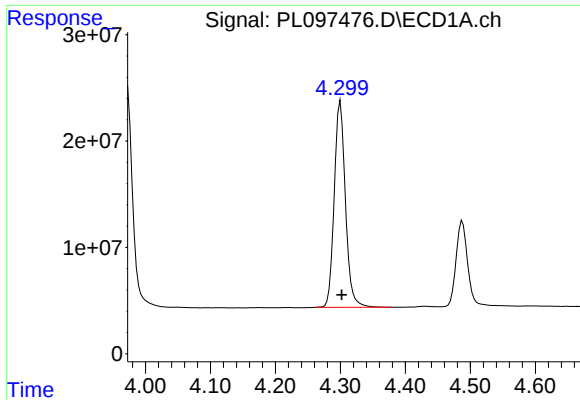
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 245975820
Conc: 35.20 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 343159377
Conc: 34.46 ng/ml



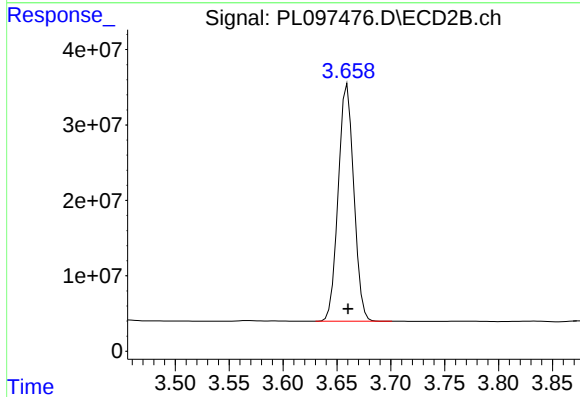
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 231744045
Conc: 35.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

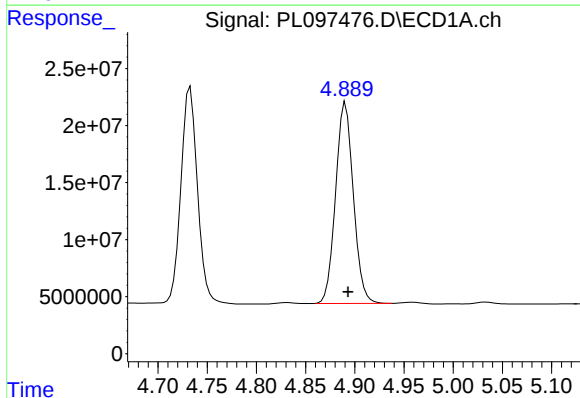
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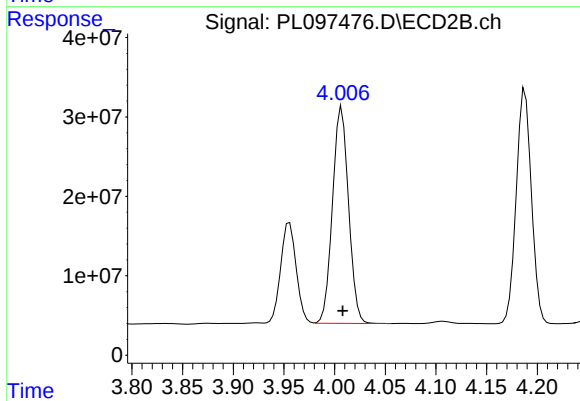
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 315871494
Conc: 33.91 ng/ml



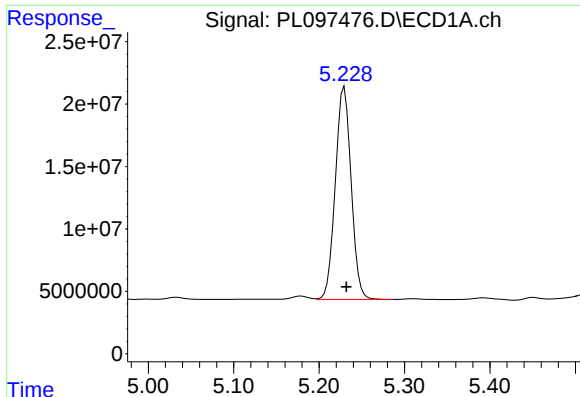
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 221130269
Conc: 33.15 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 300972414
Conc: 32.34 ng/ml



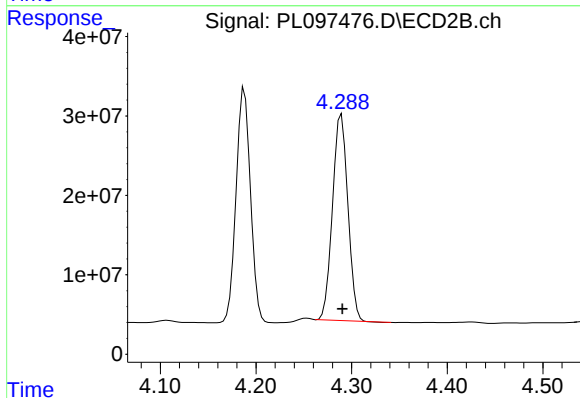
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 219236866
Conc: 34.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

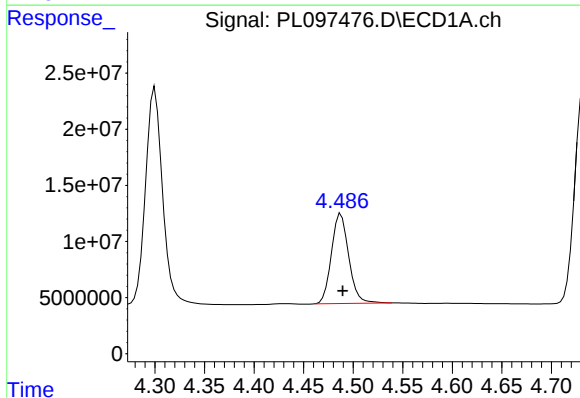
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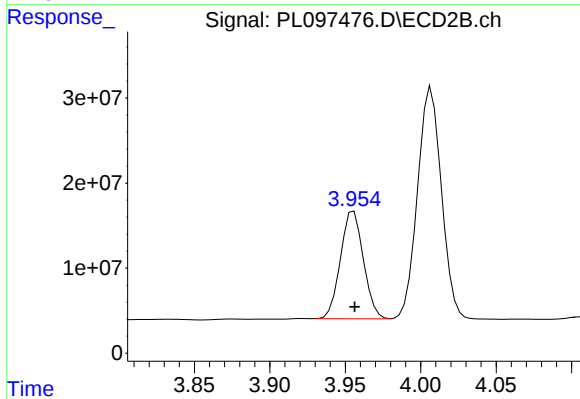
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 288872244
Conc: 33.28 ng/ml



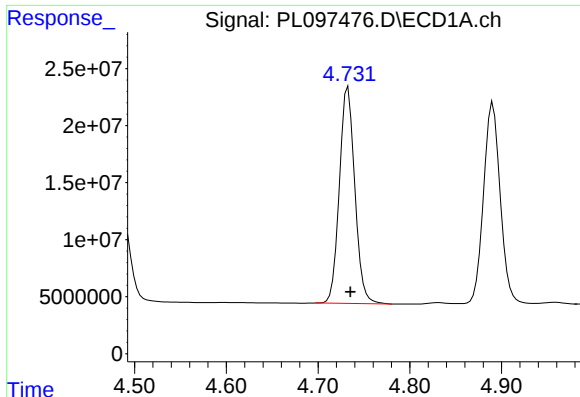
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 97301997
Conc: 35.69 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 134169238
Conc: 33.03 ng/ml



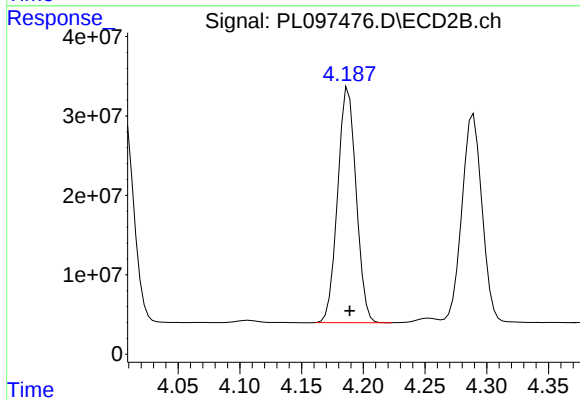
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 221630720
Conc: 36.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

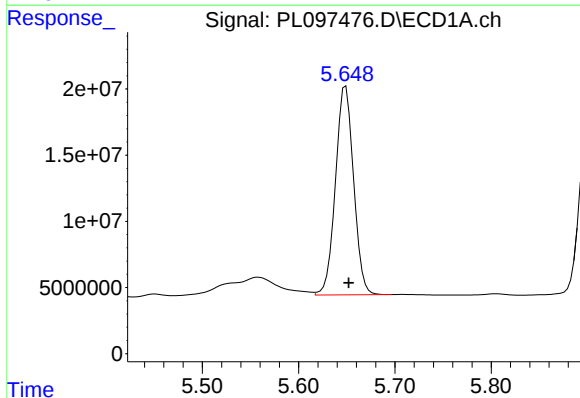
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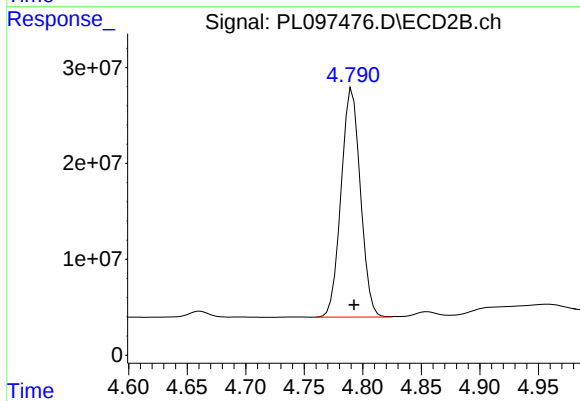
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 308695798
Conc: 33.58 ng/ml



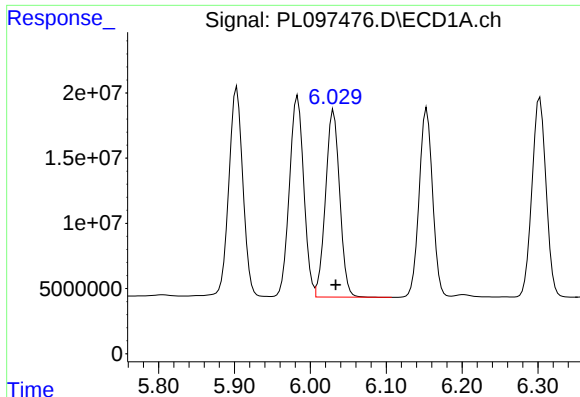
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 206235901
Conc: 35.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 273745668
Conc: 34.51 ng/ml



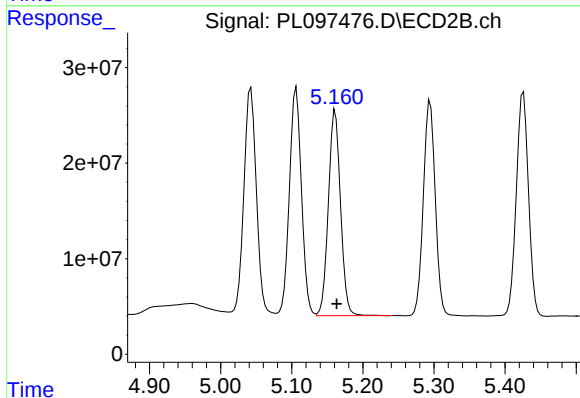
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 186319175
Conc: 35.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

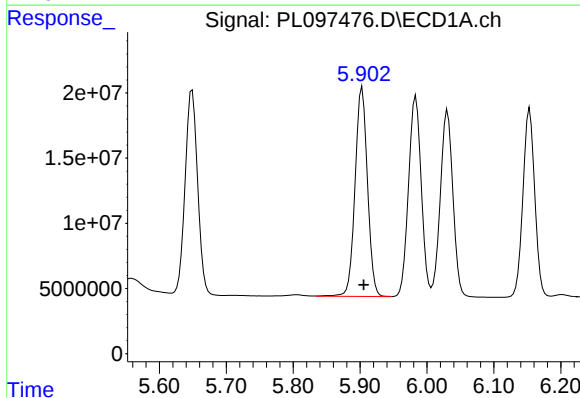
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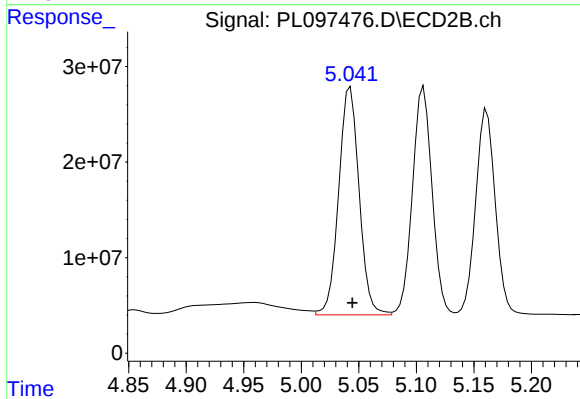
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 256230328
Conc: 33.35 ng/ml



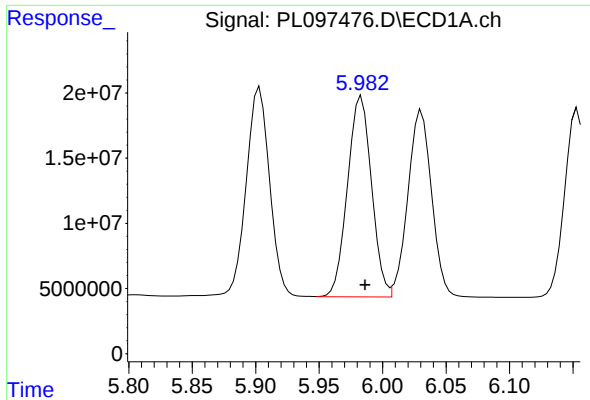
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 206920369
Conc: 36.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 295700991
Conc: 33.86 ng/ml



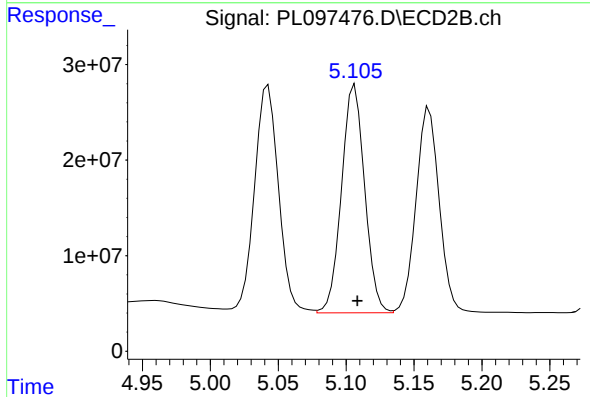
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 202764241
Conc: 35.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

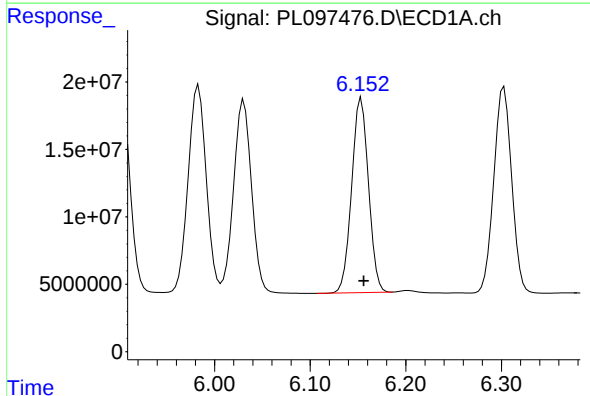
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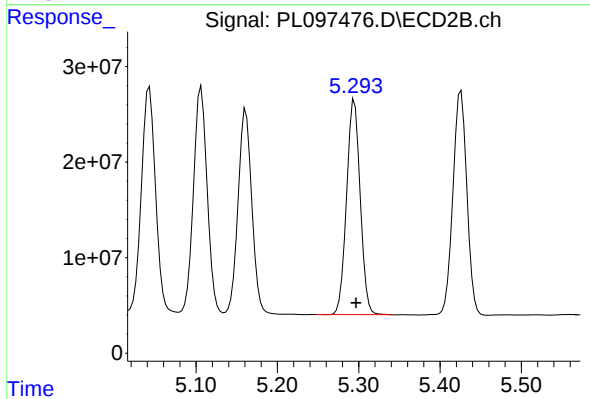
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 283319748
Conc: 34.13 ng/ml



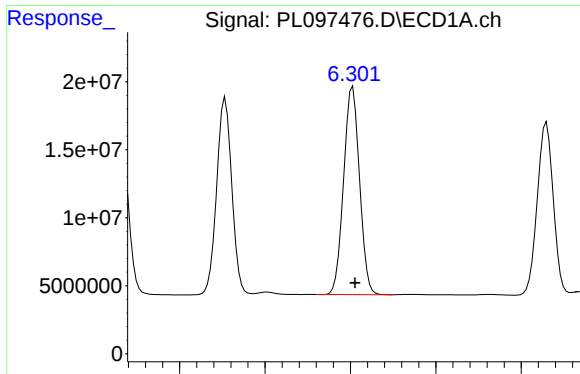
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 176885975
Conc: 37.12 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 261132954
Conc: 33.98 ng/ml



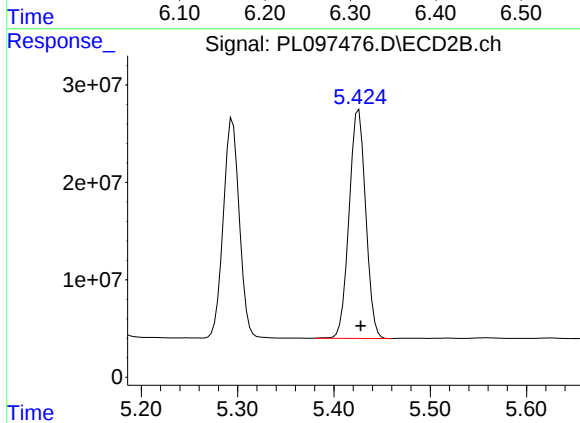
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 198000451
Conc: 36.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

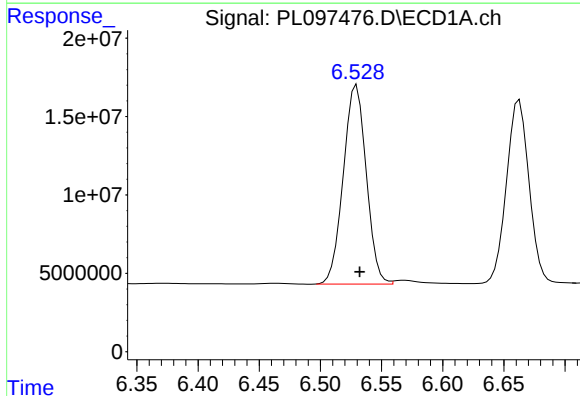
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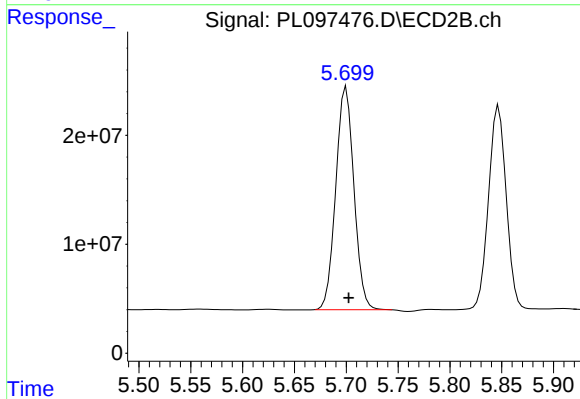
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 280054957
Conc: 34.25 ng/ml



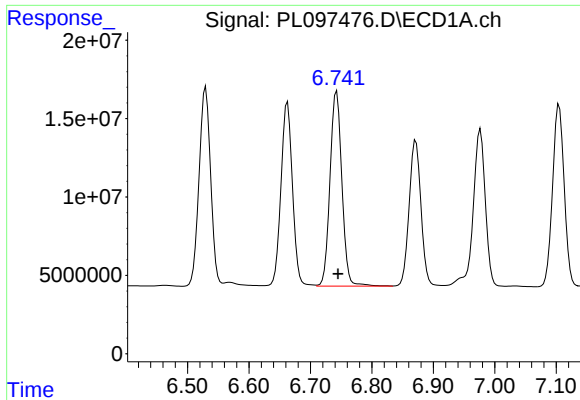
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 165945957
Conc: 35.97 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 249287413
Conc: 33.19 ng/ml



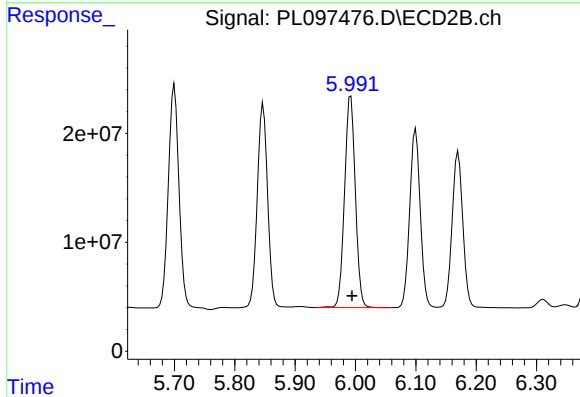
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 167656201
Conc: 34.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

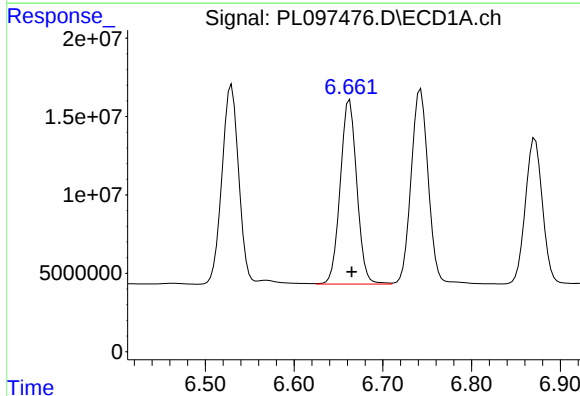
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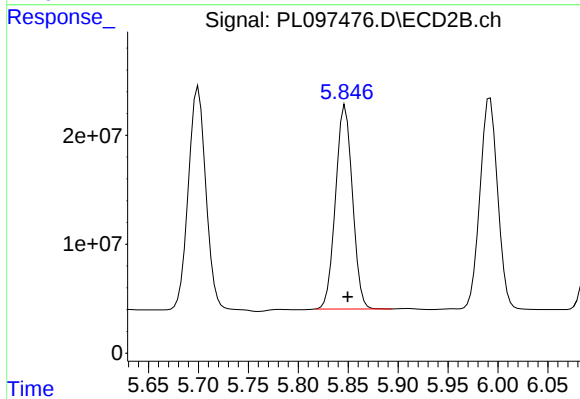
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 241231046
Conc: 33.93 ng/ml



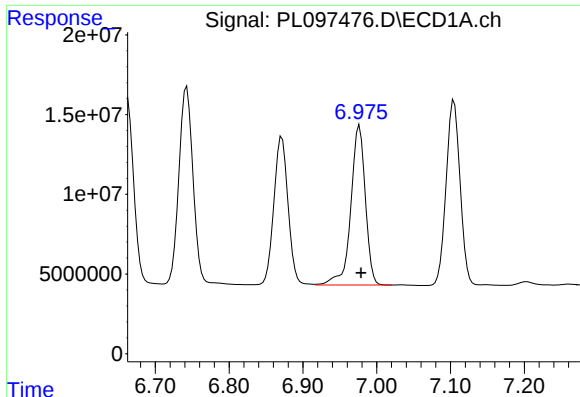
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 152776100
Conc: 40.52 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 220303570
Conc: 34.16 ng/ml



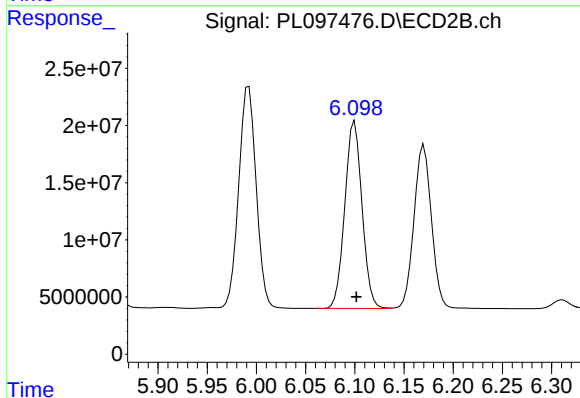
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 137234214
Conc: 32.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

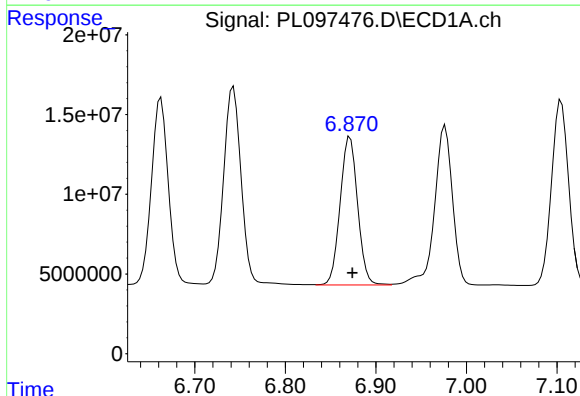
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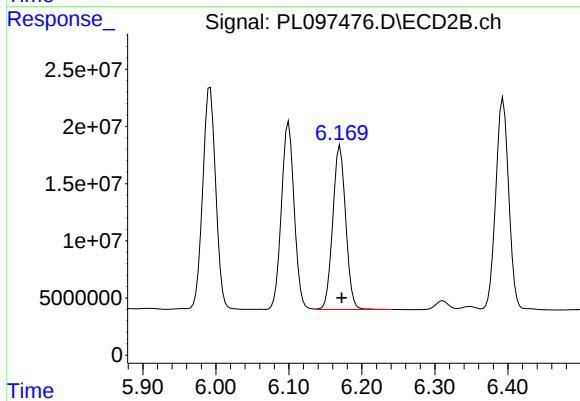
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 199431247
Conc: 28.82 ng/ml



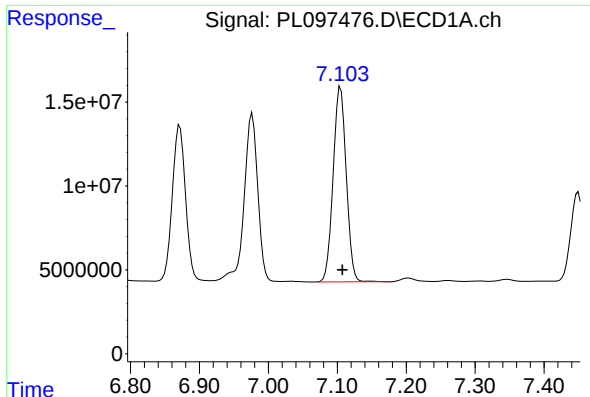
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 124885398
Conc: 40.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 176674256
Conc: 33.10 ng/ml



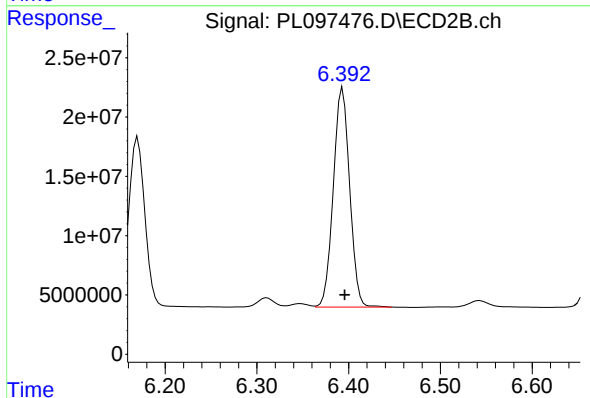
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 153137783
Conc: 37.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

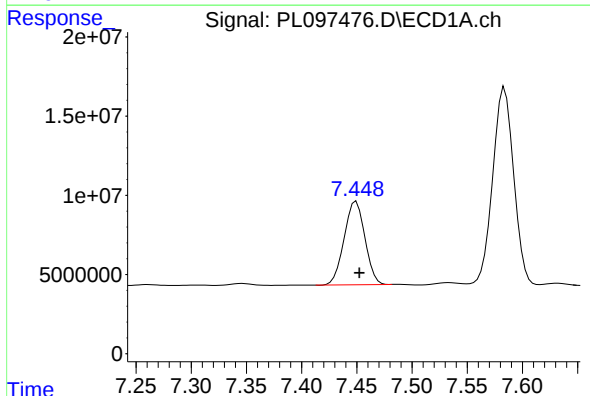
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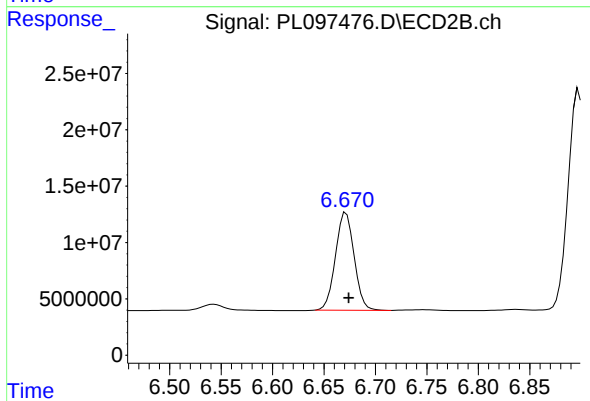
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 228844454
Conc: 33.41 ng/ml



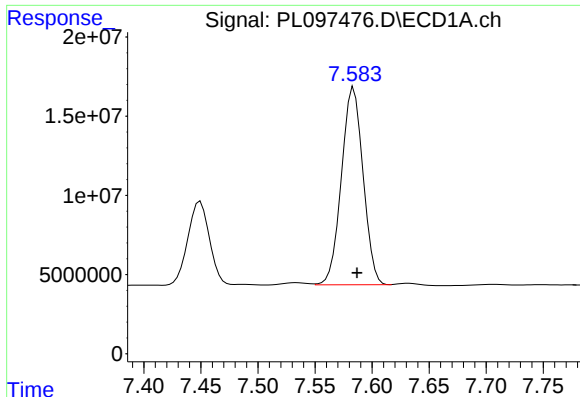
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 69066336
Conc: 33.12 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 109634290
Conc: 29.08 ng/ml



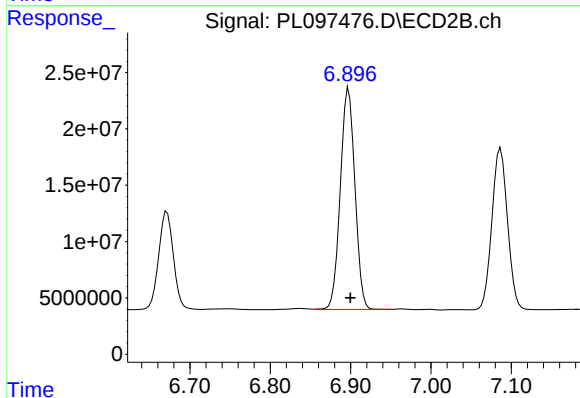
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 164541538
Conc: 38.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

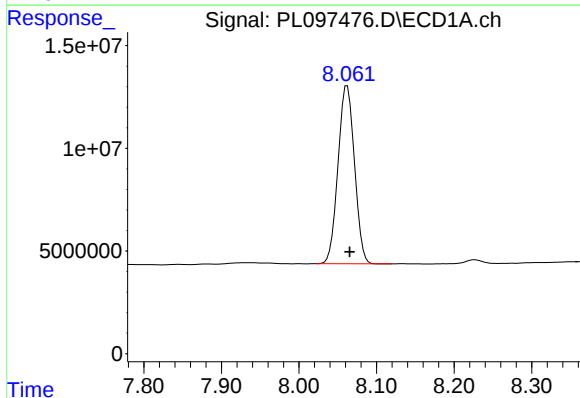
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



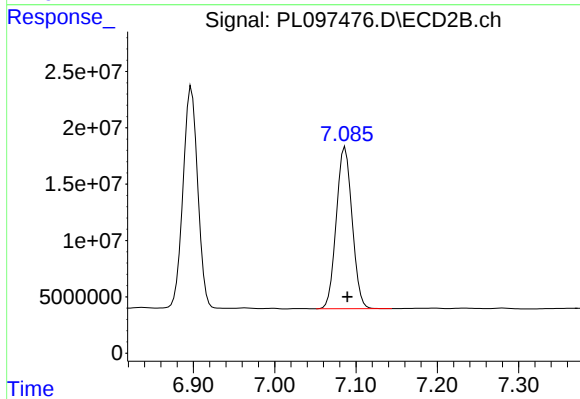
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 248004071
Conc: 32.93 ng/ml



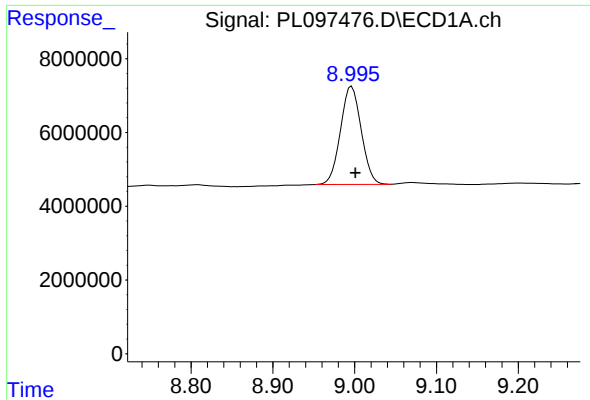
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 127944031
Conc: 36.04 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 193865154
Conc: 32.43 ng/ml



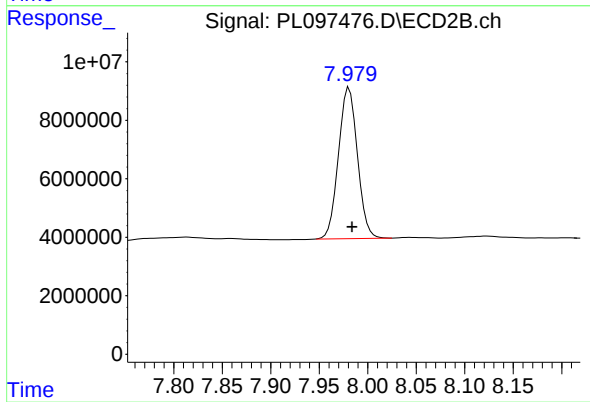
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.004 min
Response: 46756346
Conc: 14.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 70325434
Conc: 12.36 ng/ml