

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
 Data File : PL097602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 14:25
 Operator : AR\AJ
 Sample : Q3310-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SS-01-0-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/13/2025
 Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:19:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.523	2.822	52559009	69633698	12.892m	11.441
28)	SA Decachlor...	8.994	7.978	26538482	37876209	8.925	7.299
Target Compounds							
2)	A alpha-BHC	3.971	3.327	261.6E6	336.5E6	38.783	34.099
3)	MA gamma-BHC...	4.297	3.659	248.1E6	334.6E6	39.036m	36.417
4)	MA Heptachlor	4.887	4.006	252.2E6	301.3E6	39.091m	32.780
5)	MB Aldrin	5.226	4.286	230.7E6	290.3E6	38.366m	33.481m
6)	B beta-BHC	4.487	3.953	92854017	124.7E6	35.914	31.355m
7)	B delta-BHC	4.732	4.187	249.6E6	306.6E6	41.095	33.935
8)	B Heptachlo...	5.647	4.789	234.0E6	257.8E6	40.190	32.638
9)	A Endosulfan I	6.027	5.160	200.1E6	233.4E6	40.254m	31.645
10)	B gamma-Chl...	5.901	5.040	261.2E6	354.4E6	48.135	40.772
11)	B alpha-Chl...	5.982	5.104	251.2E6	291.3E6	46.301	34.976
12)	B 4,4'-DDE	6.152	5.293	185.7E6	241.3E6	39.878	31.786
13)	MA Dieldrin	6.301	5.424	253.9E6	307.3E6	48.269	37.171
14)	MA Endrin	6.527	5.698	173.1E6	223.2E6	38.694	30.152
15)	B Endosulfa...	6.740	5.990	172.0E6	220.2E6	35.163	31.887
16)	A 4,4'-DDD	6.661	5.845	176.7E6	197.5E6	46.822	30.958 #
17)	MA 4,4'-DDT	6.974	6.097	182.0E6	236.2E6	44.884	35.444
18)	B Endrin al...	6.869	6.168	126.3E6	175.2E6	38.534	30.416
19)	B Endosulfa...	7.101	6.392	183.3E6	284.8E6	45.719m	42.780
20)	A Methoxychlor	7.449	6.668	105.7E6	130.3E6	50.576	35.733m#
21)	B Endrin ke...	7.581	6.895	191.4E6	203.5E6	44.695	25.758 #
22)	Mirex	8.059	7.084	117.3E6	142.7E6	37.748	26.674 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
Data File : PL097602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 14:25
Operator : AR\AJ
Sample : Q3310-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

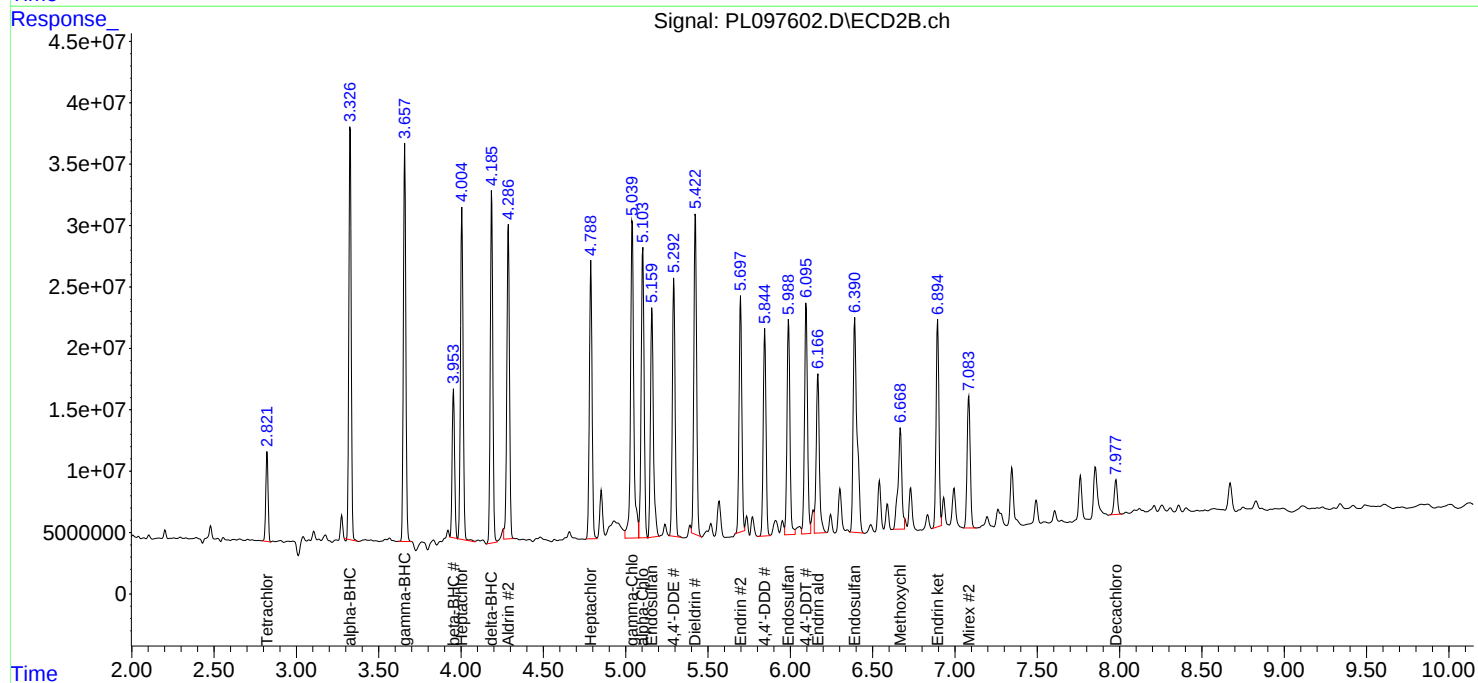
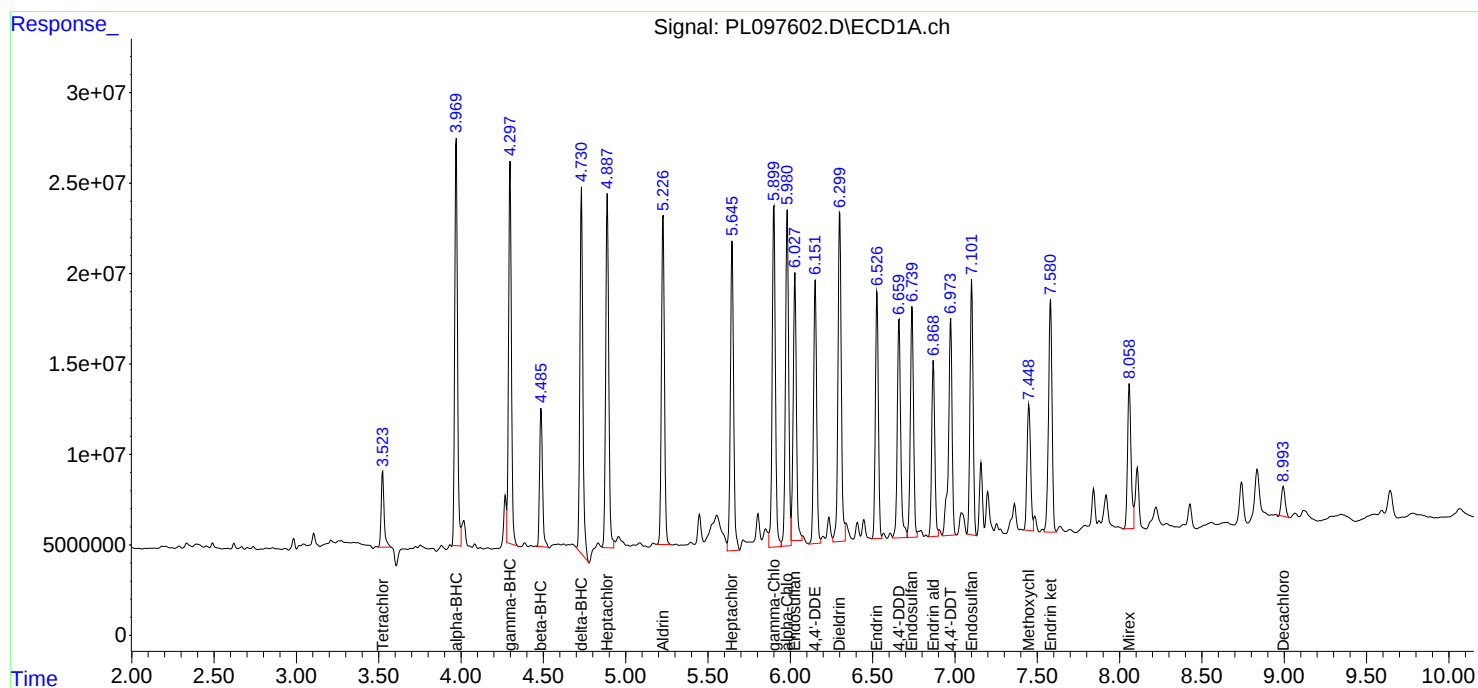
Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

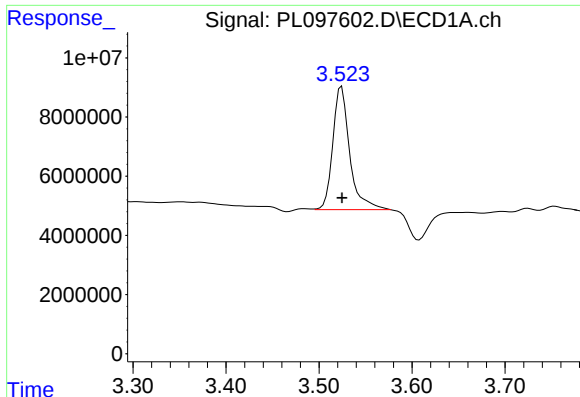
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 07:19:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





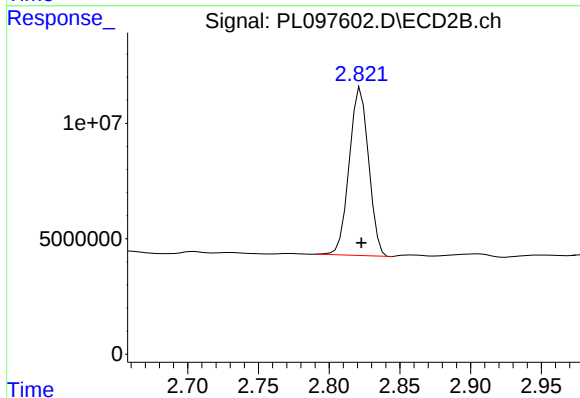
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 52559009
Conc: 12.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

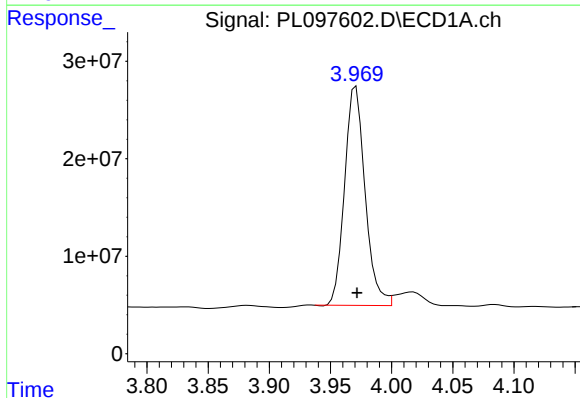
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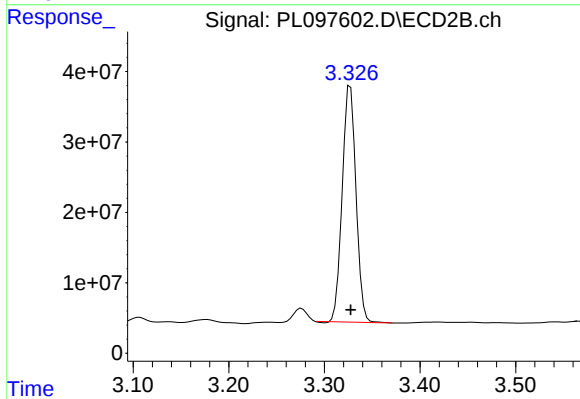
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 69633698
Conc: 11.44 ng/ml



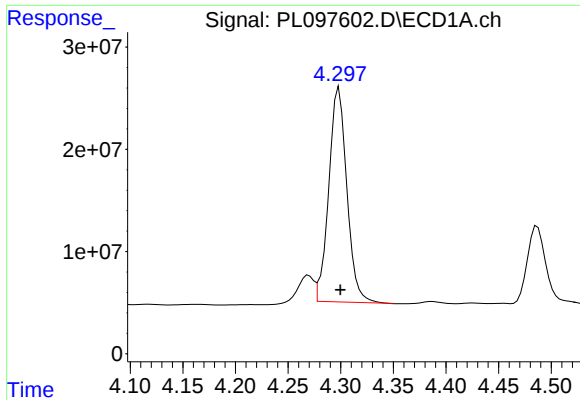
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 261618367
Conc: 38.78 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 336454172
Conc: 34.10 ng/ml



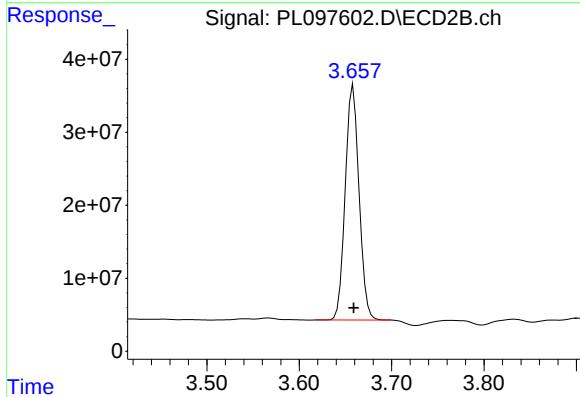
#3 gamma-BHC (Lindane)

R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 248123279
Conc: 39.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

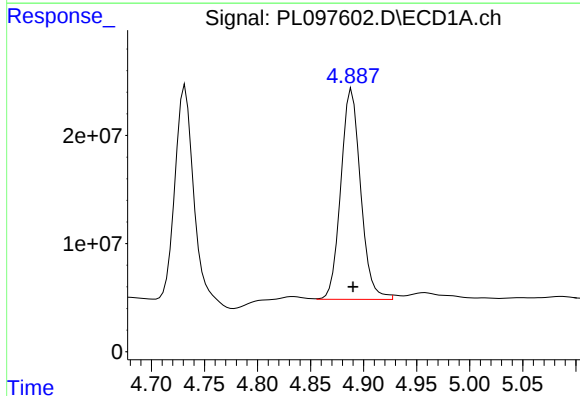
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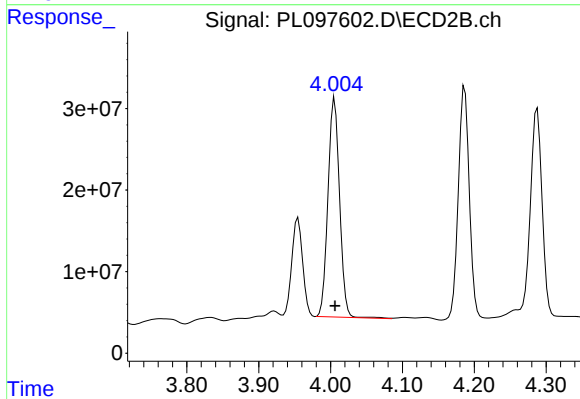
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 334569930
Conc: 36.42 ng/ml



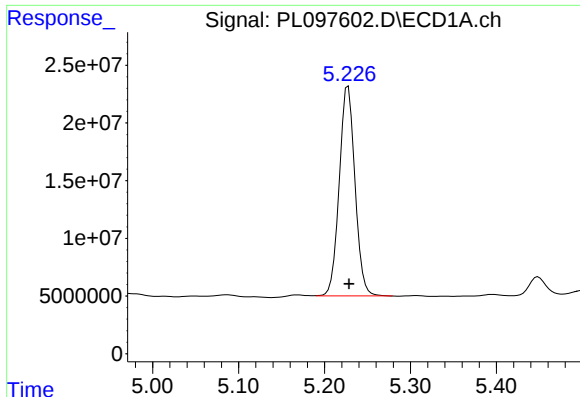
#4 Heptachlor

R.T.: 4.887 min
Delta R.T.: -0.003 min
Response: 252165910
Conc: 39.09 ng/ml m



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 301321863
Conc: 32.78 ng/ml



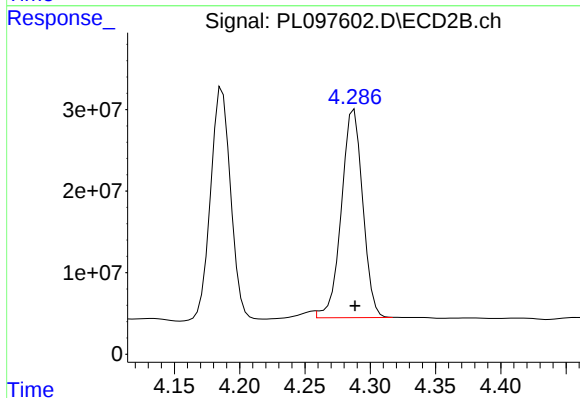
#5 Aldrin

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 230685377
Conc: 38.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

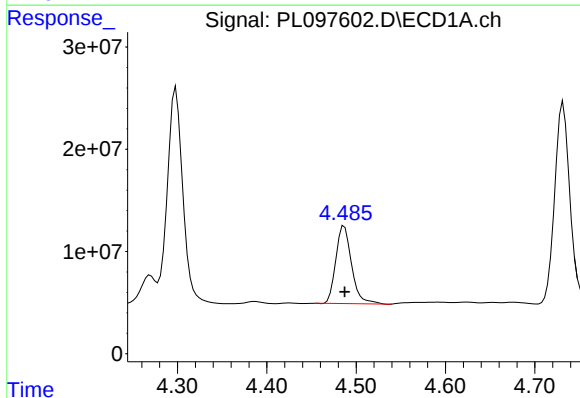
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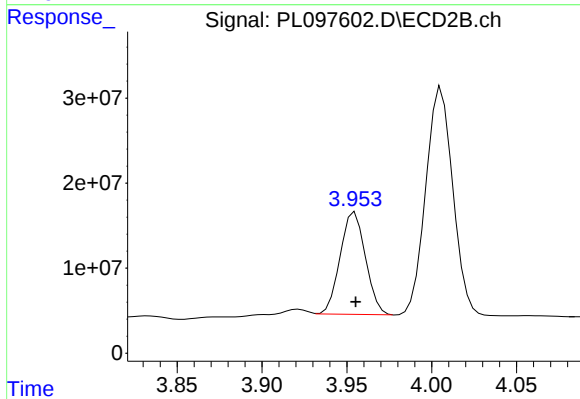
#5 Aldrin

R.T.: 4.286 min
Delta R.T.: -0.002 min
Response: 290343955
Conc: 33.48 ng/ml m



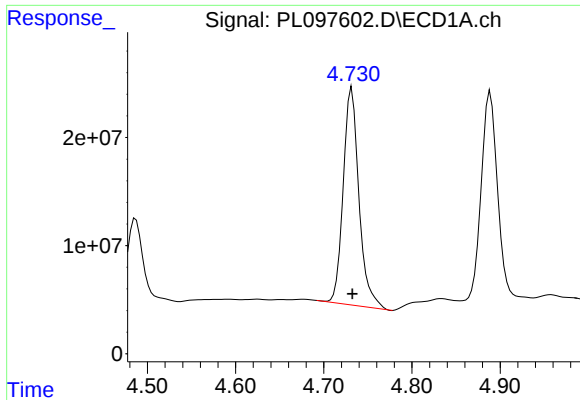
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 92854017
Conc: 35.91 ng/ml



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 124733327
Conc: 31.35 ng/ml m



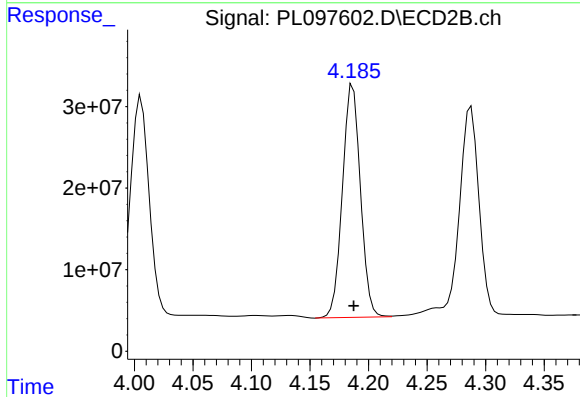
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 249556608
Conc: 41.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

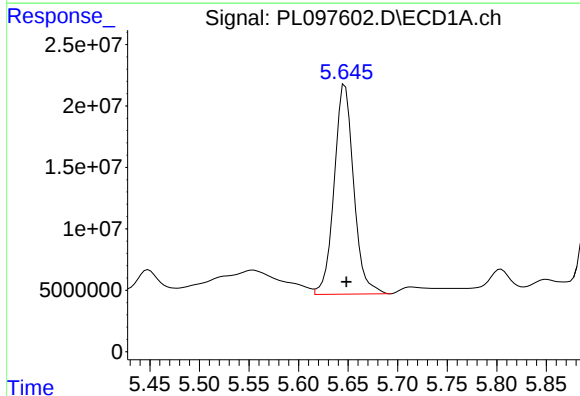
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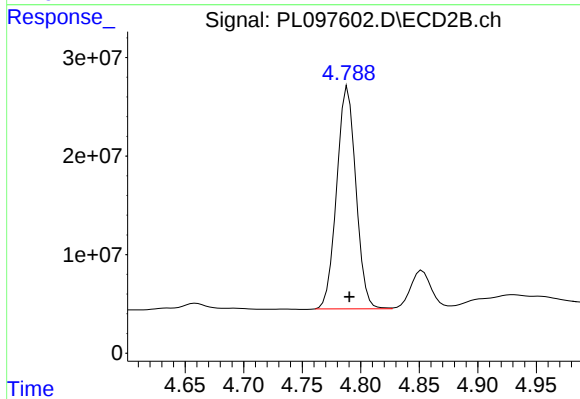
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 306569631
Conc: 33.94 ng/ml



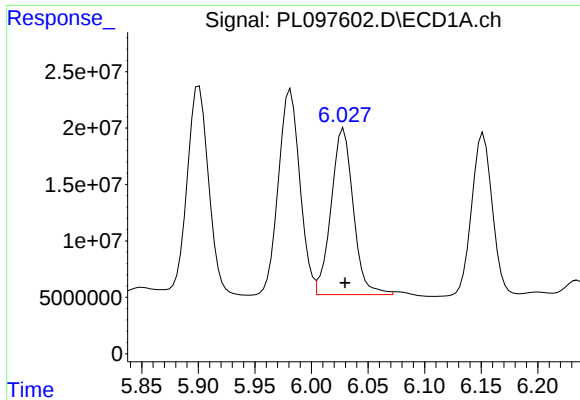
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 233999023
Conc: 40.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 257770243
Conc: 32.64 ng/ml



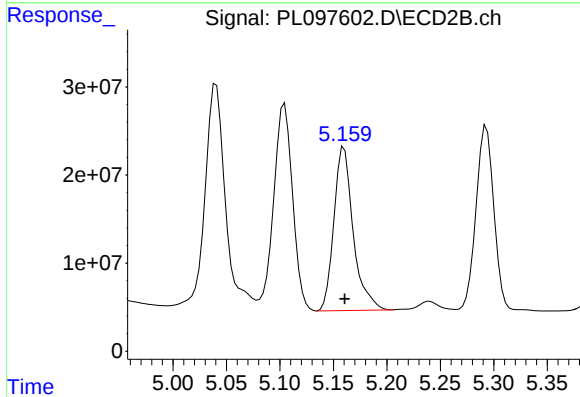
#9 Endosulfan I

R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 200120637
Conc: 40.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

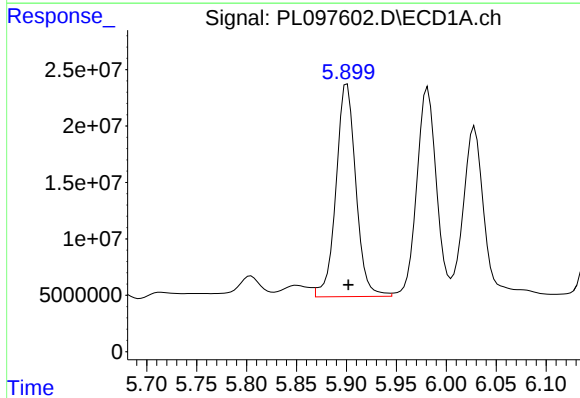
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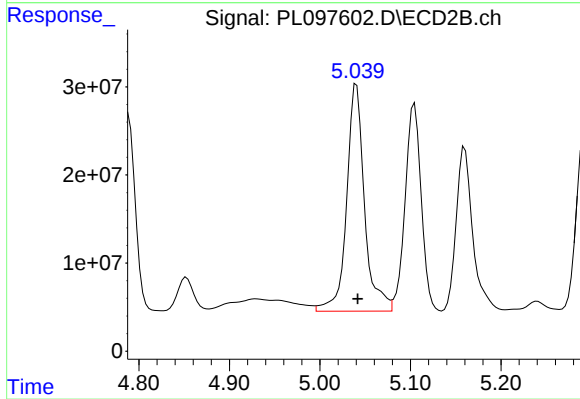
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 233361926
Conc: 31.65 ng/ml



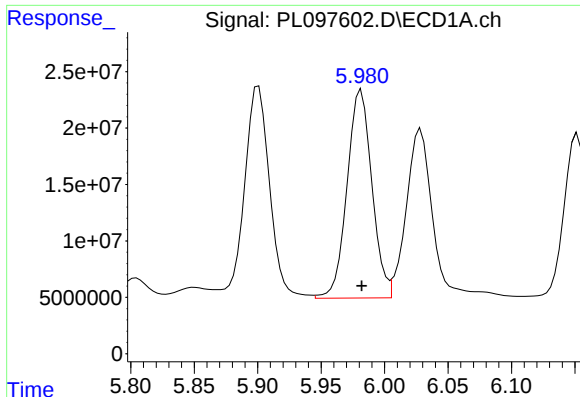
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 261246268
Conc: 48.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 354438687
Conc: 40.77 ng/ml



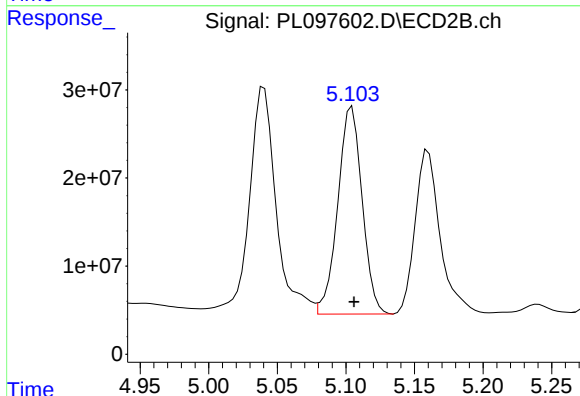
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 251249989
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

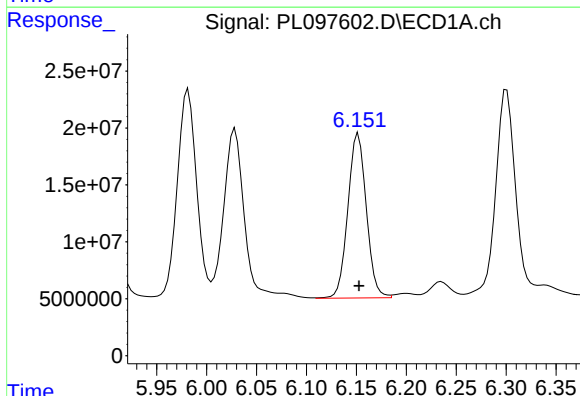
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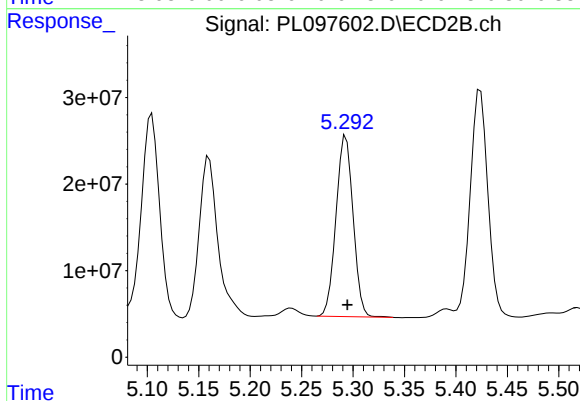
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.002 min
Response: 291255975
Conc: 34.98 ng/ml



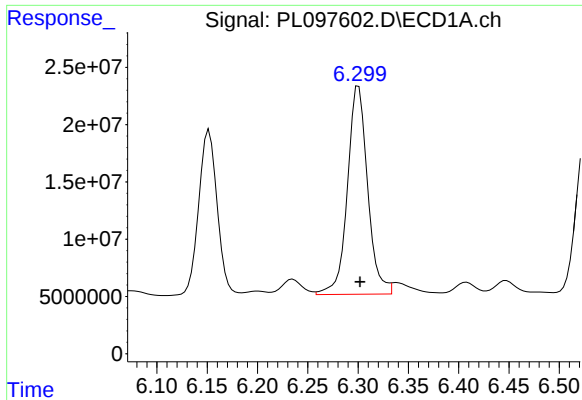
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 185721454
Conc: 39.88 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.001 min
Response: 241337021
Conc: 31.79 ng/ml



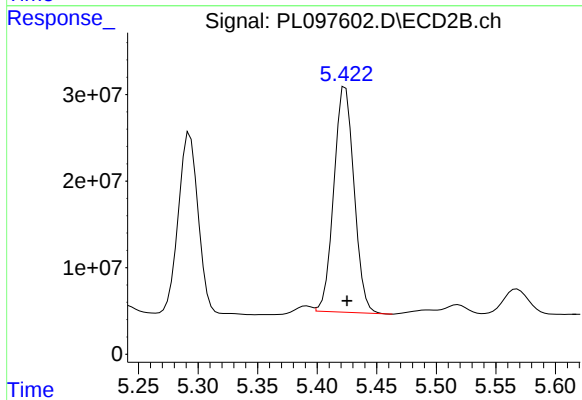
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 253916402
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

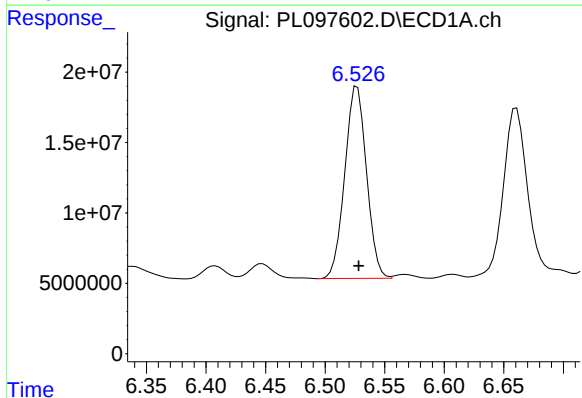
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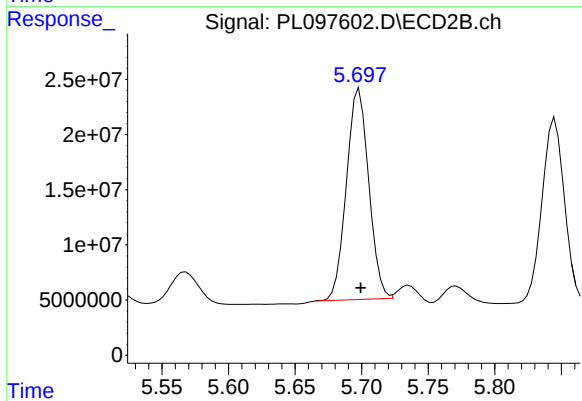
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 307338463
Conc: 37.17 ng/ml



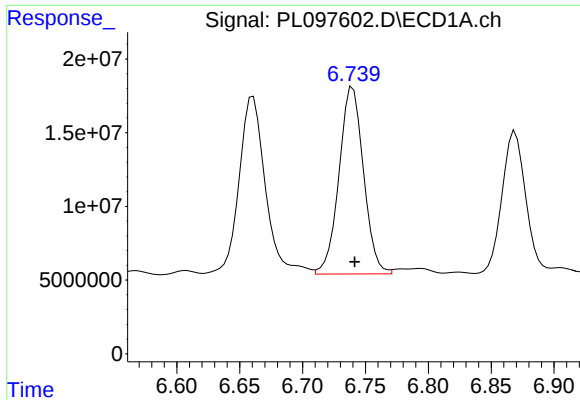
#14 Endrin

R.T.: 6.527 min
Delta R.T.: -0.001 min
Response: 173129318
Conc: 38.69 ng/ml



#14 Endrin

R.T.: 5.698 min
Delta R.T.: -0.001 min
Response: 223167047
Conc: 30.15 ng/ml



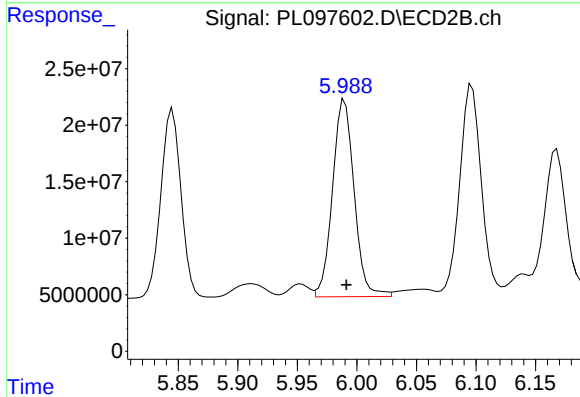
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 172023551
Conc: 35.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

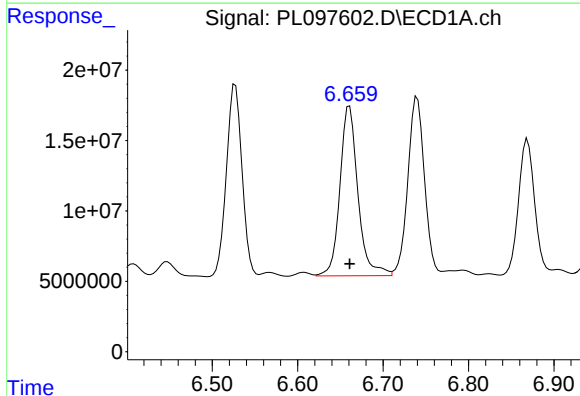
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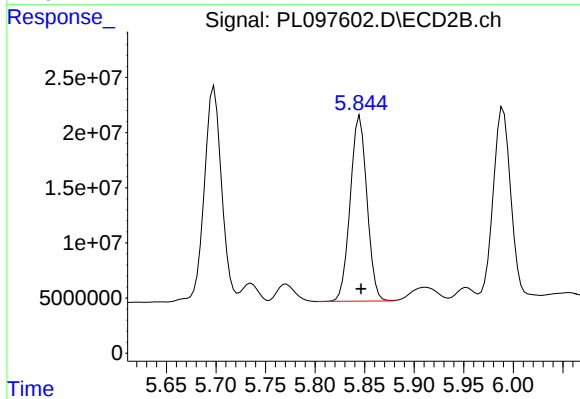
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.002 min
Response: 220176275
Conc: 31.89 ng/ml



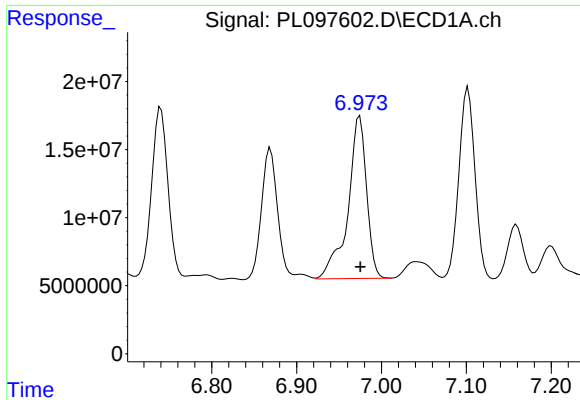
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 176682804
Conc: 46.82 ng/ml



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 197479689
Conc: 30.96 ng/ml



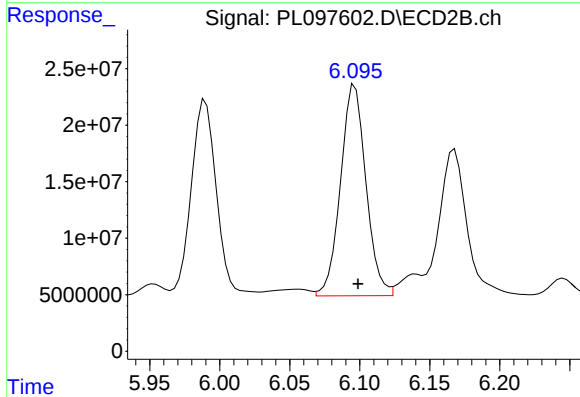
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 181990027
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

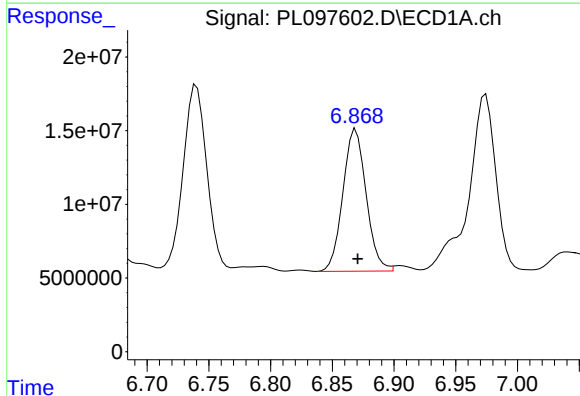
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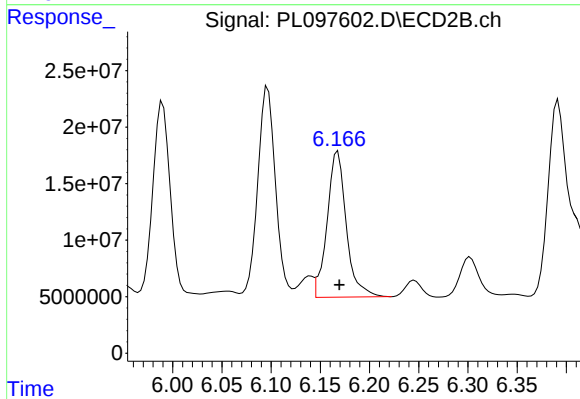
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 236175341
Conc: 35.44 ng/ml



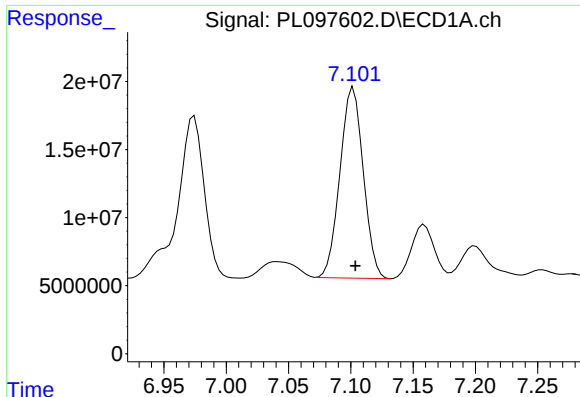
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 126264332
Conc: 38.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 175151737
Conc: 30.42 ng/ml



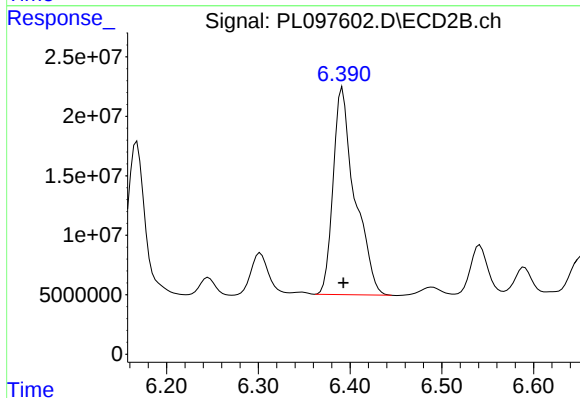
#19 Endosulfan Sulfate

R.T.: 7.101 min
Delta R.T.: -0.003 min
Response: 183327116
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

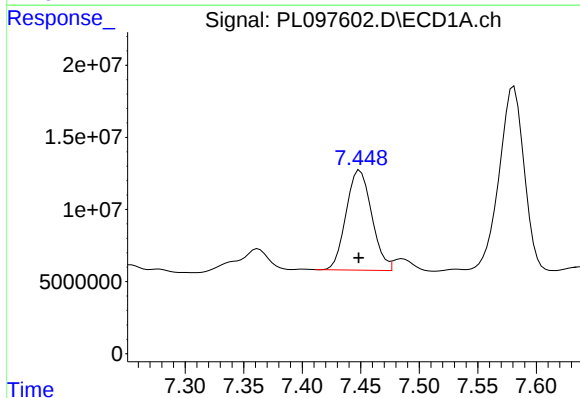
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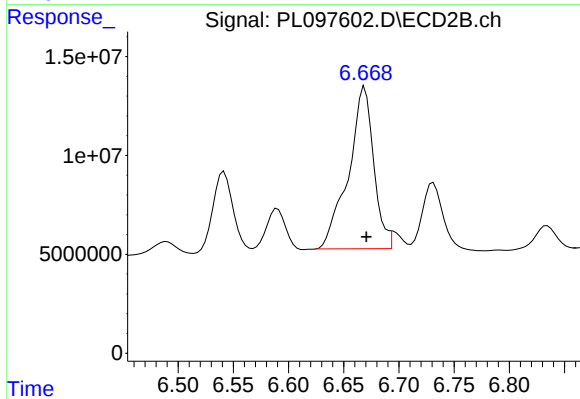
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 284819924
Conc: 42.78 ng/ml



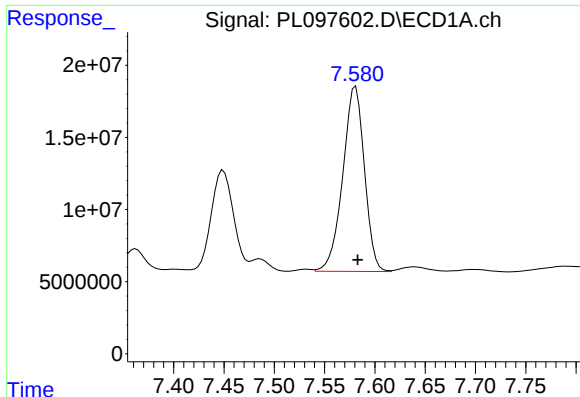
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.001 min
Response: 105654048
Conc: 50.58 ng/ml



#20 Methoxychlor

R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 130253215
Conc: 35.73 ng/ml m



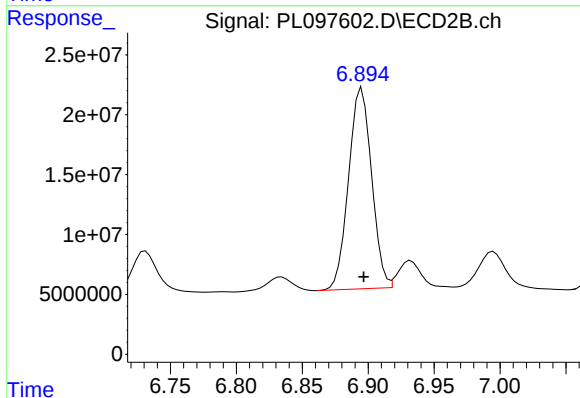
#21 Endrin ketone

R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 191372827
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

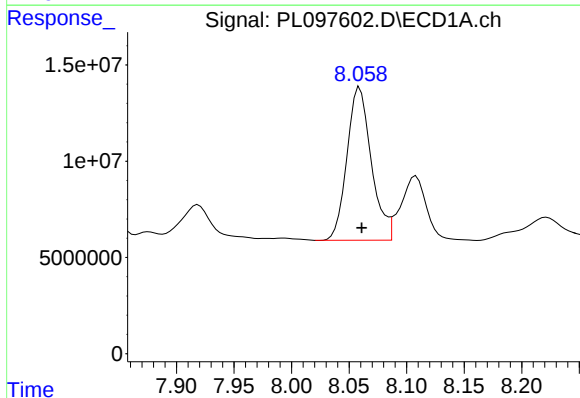
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



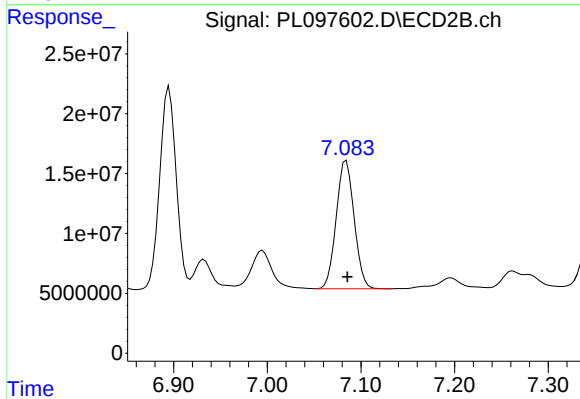
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 203480977
Conc: 25.76 ng/ml



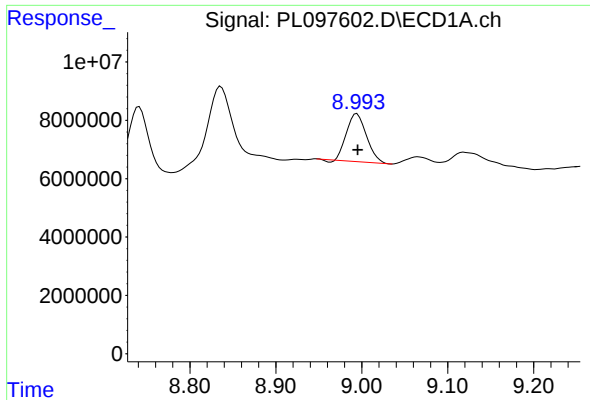
#22 Mirex

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 117301083
Conc: 37.75 ng/ml



#22 Mirex

R.T.: 7.084 min
Delta R.T.: -0.001 min
Response: 142699745
Conc: 26.67 ng/ml



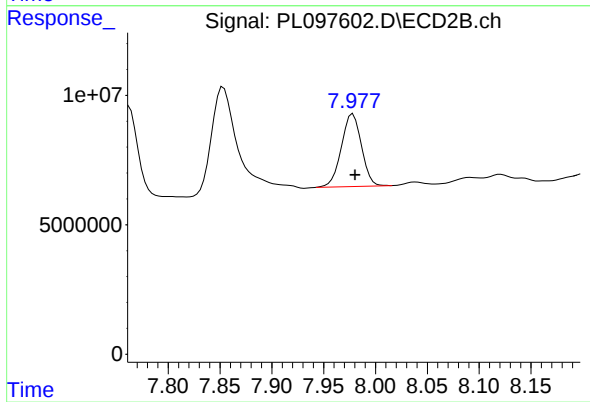
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: -0.001 min
Response: 26538482
Conc: 8.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-01-0-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 37876209
Conc: 7.30 ng/ml