

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 12:22
 Operator : AR\AJ
 Sample : Q3245-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 13-1MS

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 04:46:55 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	62616717	92138846	13.831m	14.012
28)	SA Decachlor...	8.997	7.981	45268090	67515849	13.834	11.862
Target Compounds							
2)	A alpha-BHC	3.973	3.328	237.1E6	337.9E6	33.935	33.936
3)	MA gamma-BHC...	4.301	3.660	230.1E6	311.7E6	34.796	33.464
4)	MA Heptachlor	4.891	4.007	221.8E6	300.5E6	33.249	32.296
5)	MB Aldrin	5.230	4.287	217.2E6	290.4E6	34.285	33.456m
6)	B beta-BHC	4.488	3.955	98181324	132.4E6	36.014	32.603
7)	B delta-BHC	4.732	4.188	219.0E6	303.6E6	36.096m	33.029
8)	B Heptachlo...	5.649	4.791	203.2E6	271.2E6	35.355	34.197
9)	A Endosulfan I	6.031	5.161	185.6E6	250.9E6	35.822	32.657
10)	B gamma-Chl...	5.904	5.042	204.0E6	290.2E6	36.084	33.231
11)	B alpha-Chl...	5.984	5.107	201.3E6	277.4E6	35.436	33.420
12)	B 4,4'-DDE	6.154	5.295	174.6E6	255.7E6	36.650	33.267
13)	MA Dieldrin	6.303	5.425	196.0E6	271.6E6	35.744	33.220
14)	MA Endrin	6.530	5.700	163.7E6	240.0E6	35.489	31.961
15)	B Endosulfa...	6.744	5.992	163.9E6	234.4E6	33.333	32.973
16)	A 4,4'-DDD	6.664	5.847	147.6E6	214.3E6	39.150	33.222
17)	MA 4,4'-DDT	6.977	6.099	136.7E6	196.1E6	32.339	28.329
18)	B Endrin al...	6.872	6.170	123.0E6	171.7E6	39.885	32.175
19)	B Endosulfa...	7.105	6.393	151.4E6	224.2E6	37.081	32.733
20)	A Methoxychlor	7.450	6.671	69135053	107.2E6	33.152	28.440
21)	B Endrin ke...	7.585	6.897	162.1E6	238.2E6	38.181	31.628
22)	Mirex	8.062	7.087	127.1E6	189.3E6	35.808	31.657

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 12:22
Operator : AR\AJ
Sample : Q3245-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

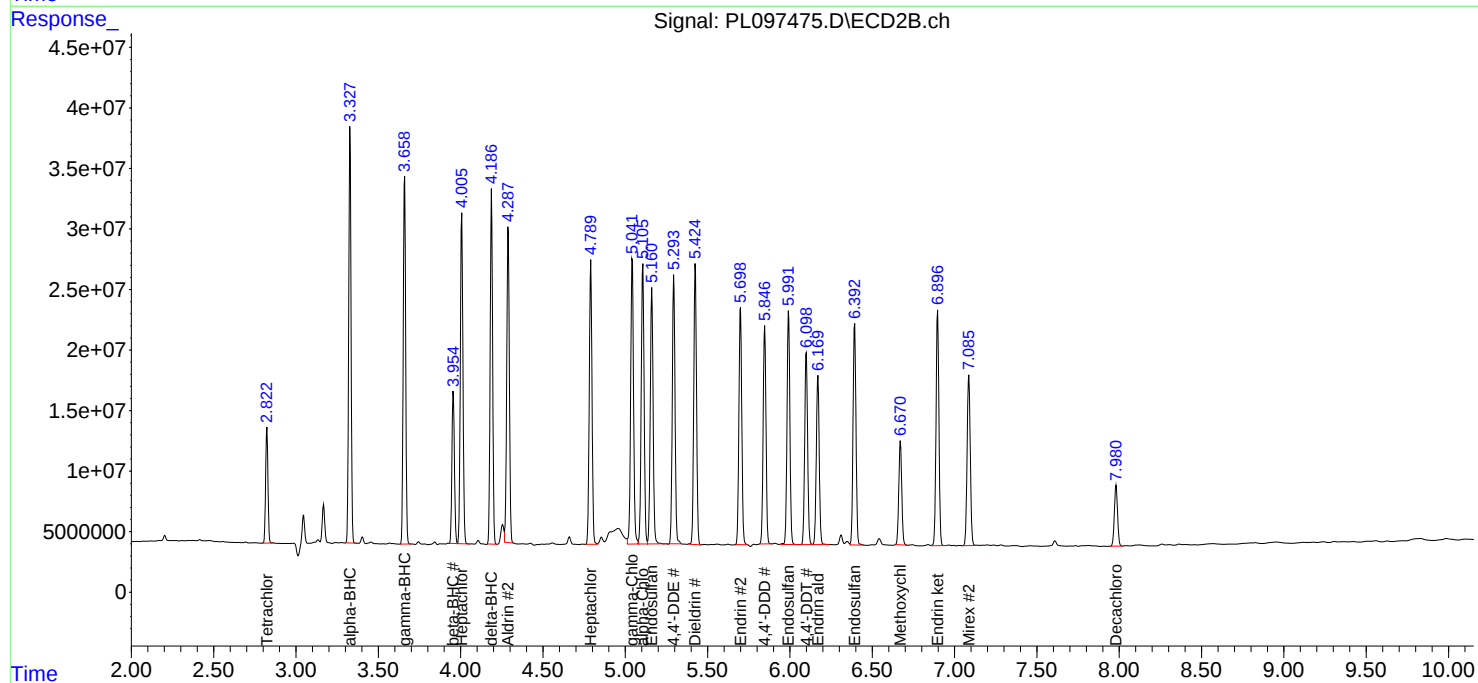
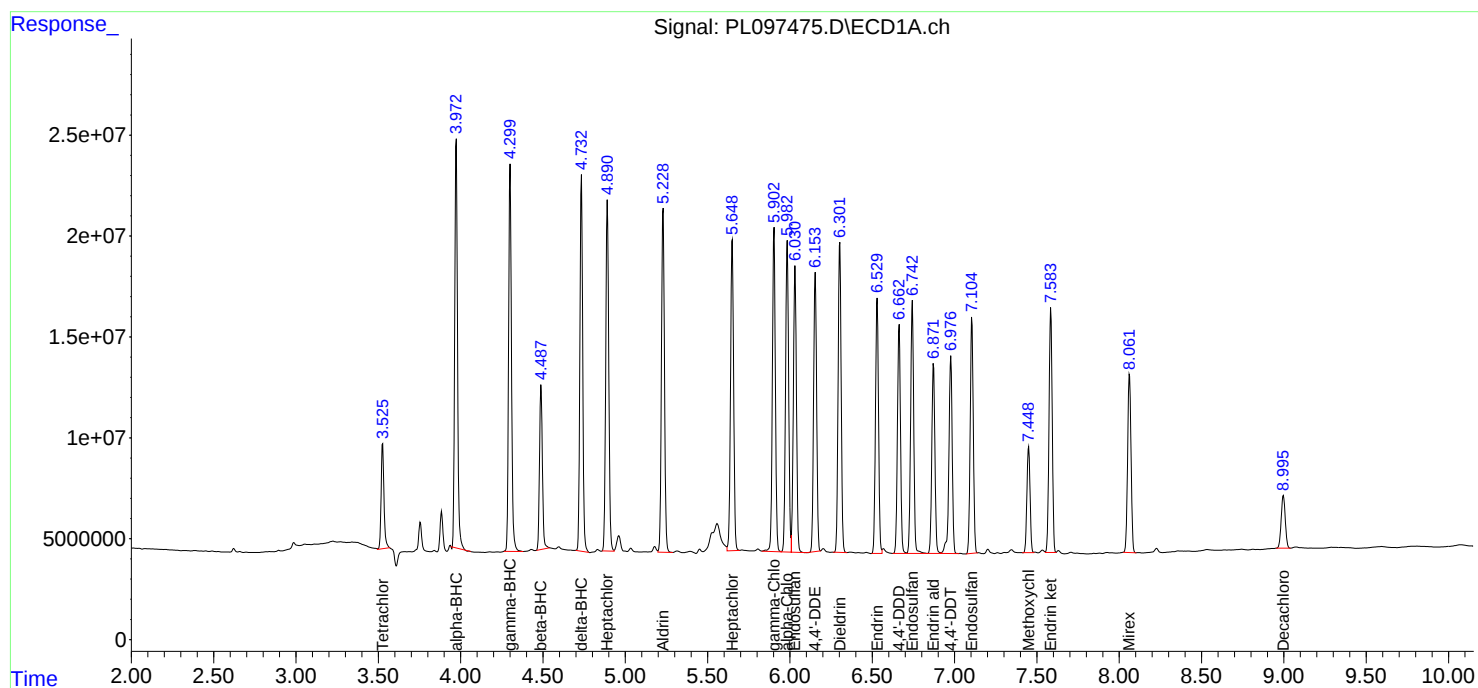
Instrument :
ECD_L
ClientSampleId :
13-1MS

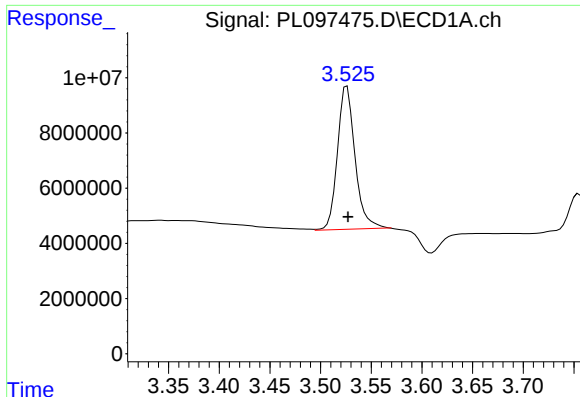
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:46:55 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





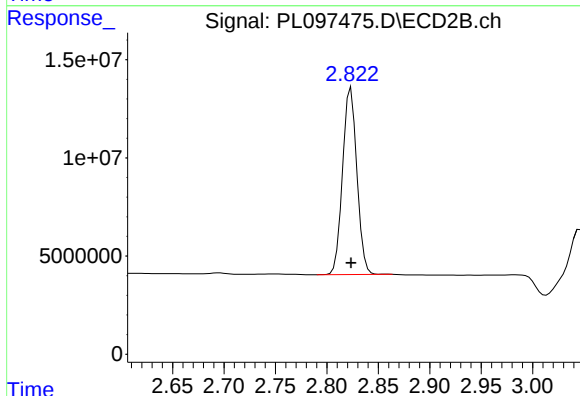
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 62616717
Conc: 13.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

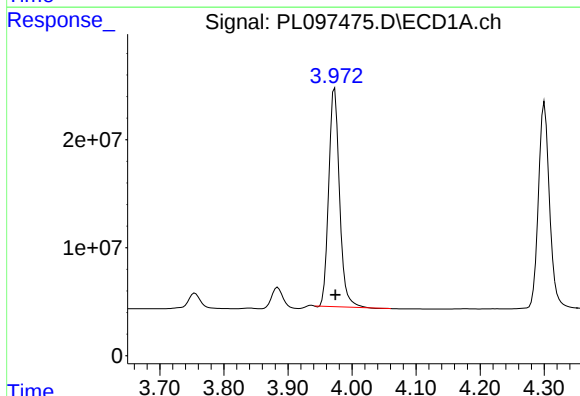
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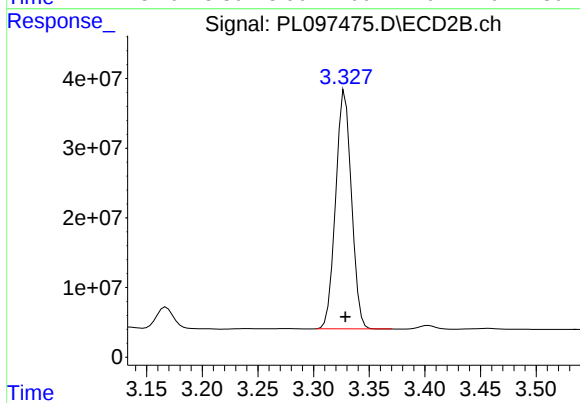
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 92138846
Conc: 14.01 ng/ml



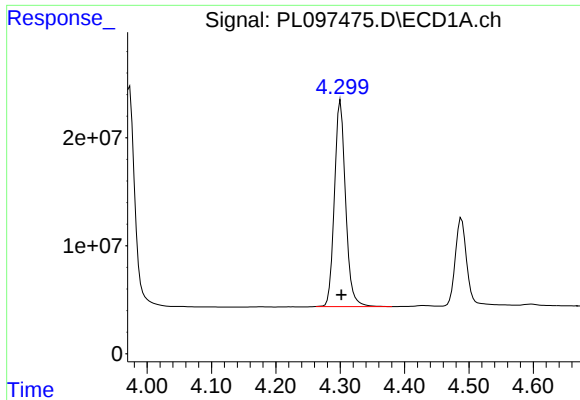
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 237118285
Conc: 33.93 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 337915594
Conc: 33.94 ng/ml



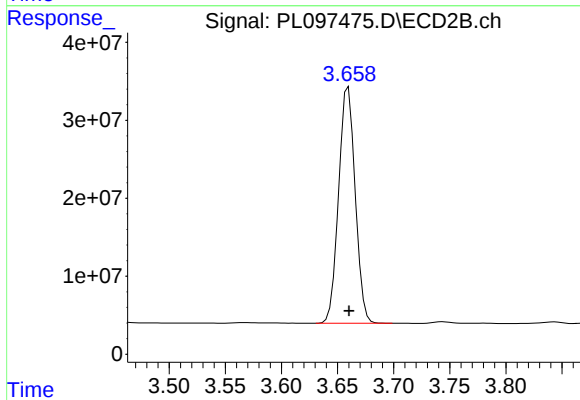
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 230111267
Conc: 34.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

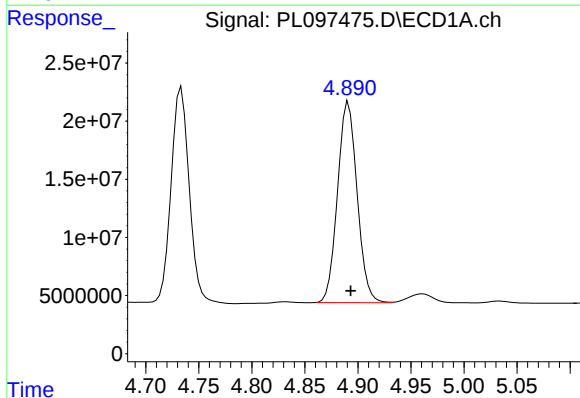
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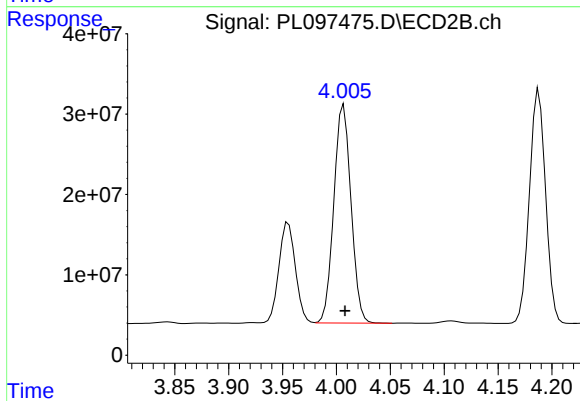
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 311708405
Conc: 33.46 ng/ml



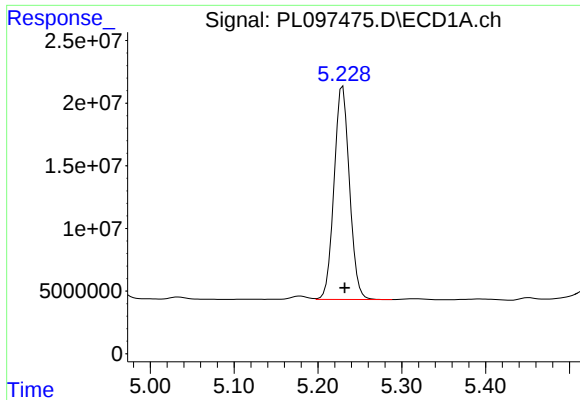
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 221772156
Conc: 33.25 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 300517747
Conc: 32.30 ng/ml



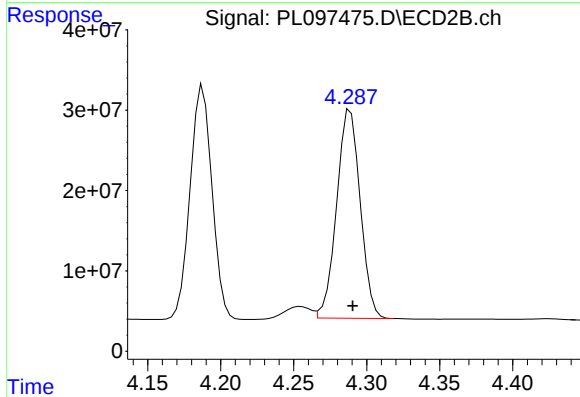
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 217156078
Conc: 34.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

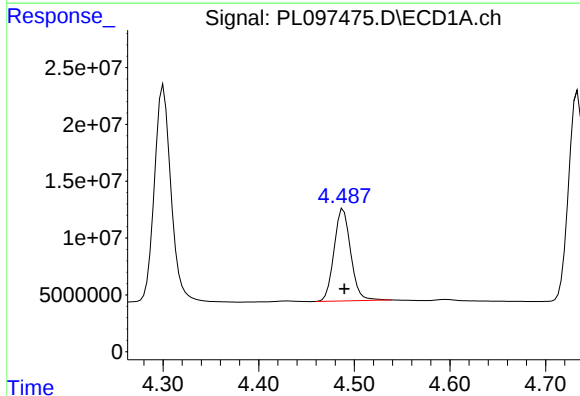
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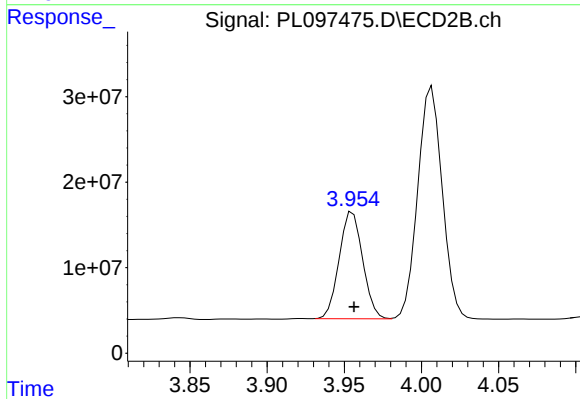
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 290372700
Conc: 33.46 ng/ml m



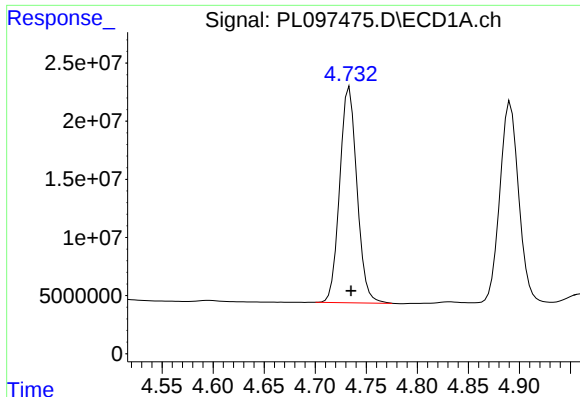
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 98181324
Conc: 36.01 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 132433404
Conc: 32.60 ng/ml



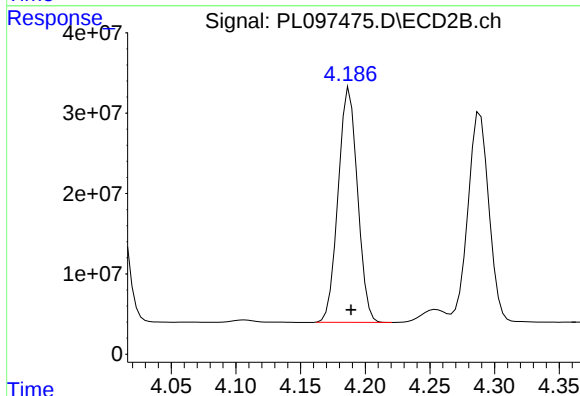
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 219045669
Conc: 36.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

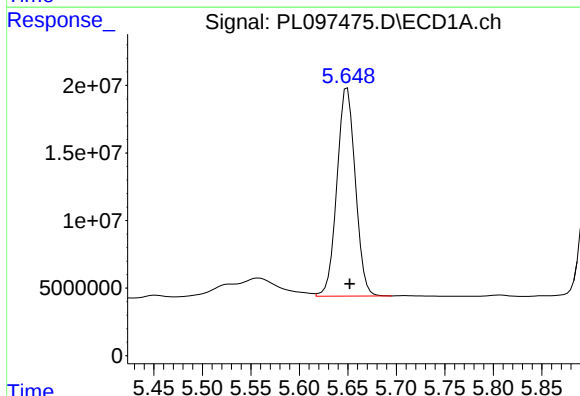
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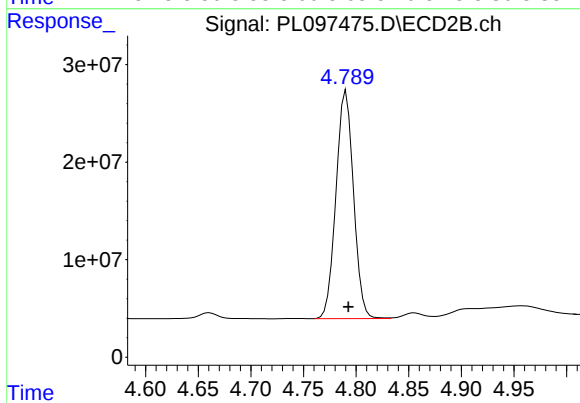
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 303610226
Conc: 33.03 ng/ml



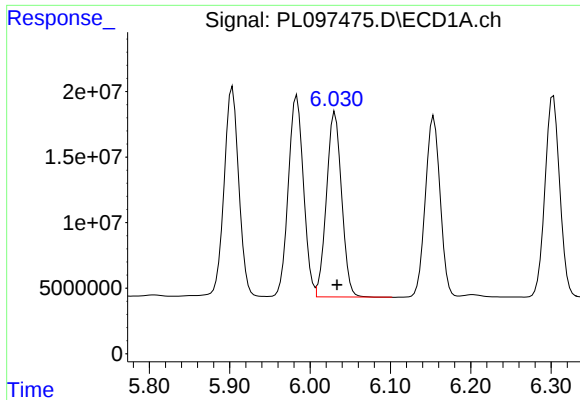
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 203183540
Conc: 35.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 271238044
Conc: 34.20 ng/ml



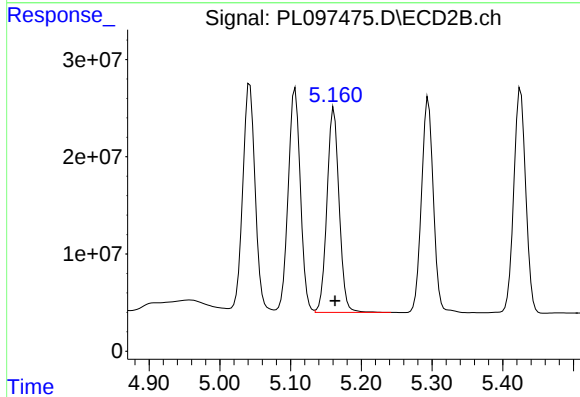
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 185604158
Conc: 35.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

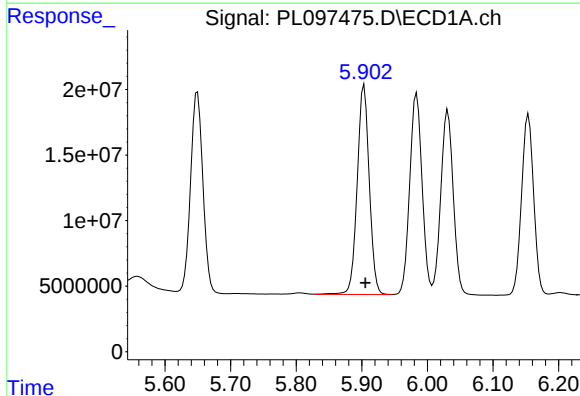
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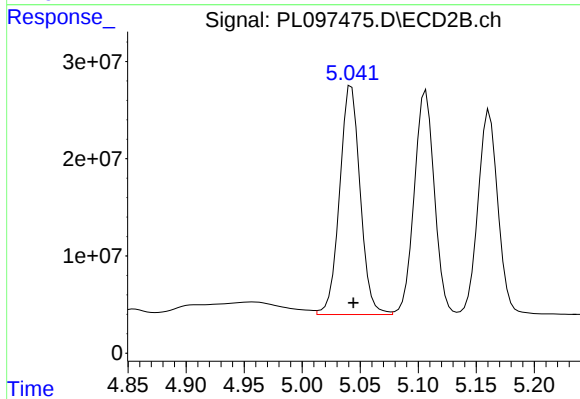
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 250927455
Conc: 32.66 ng/ml



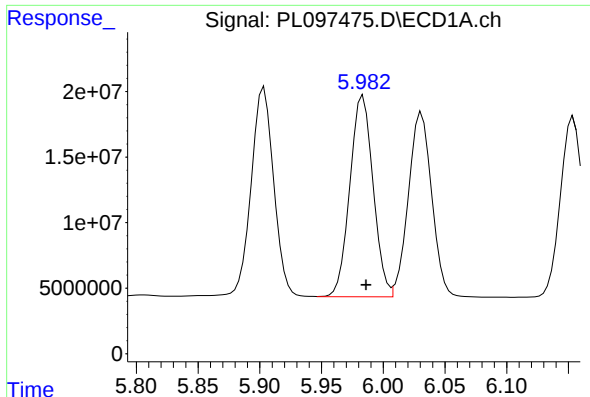
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 204004314
Conc: 36.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 290237631
Conc: 33.23 ng/ml



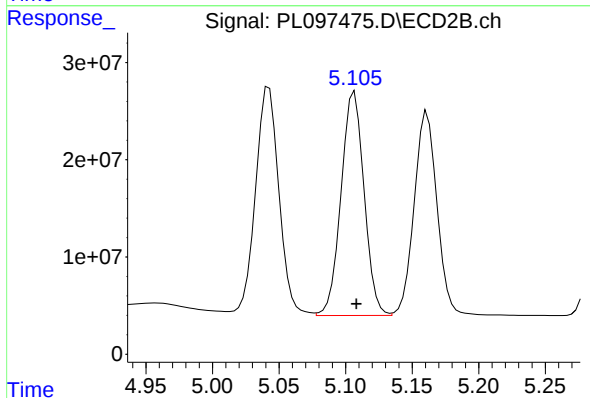
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.003 min
Response: 201273692
Conc: 35.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

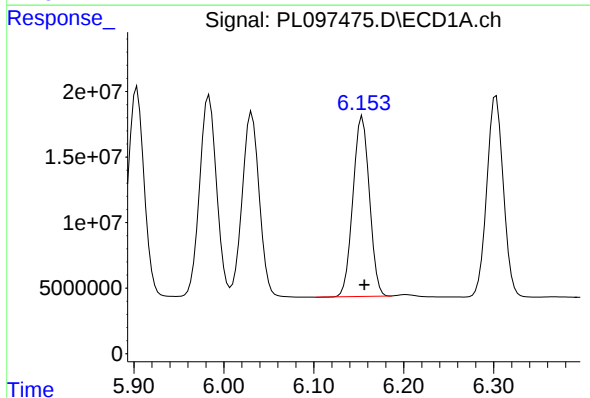
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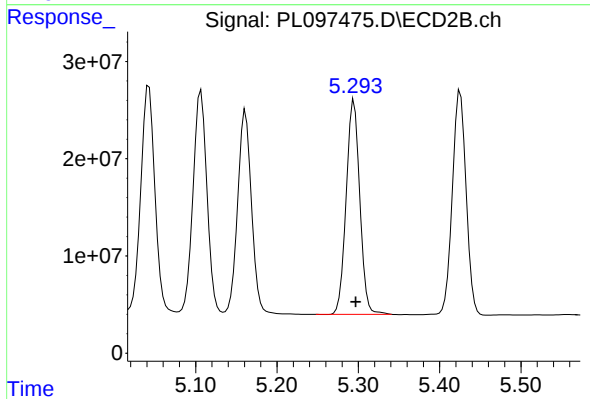
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 277400379
Conc: 33.42 ng/ml



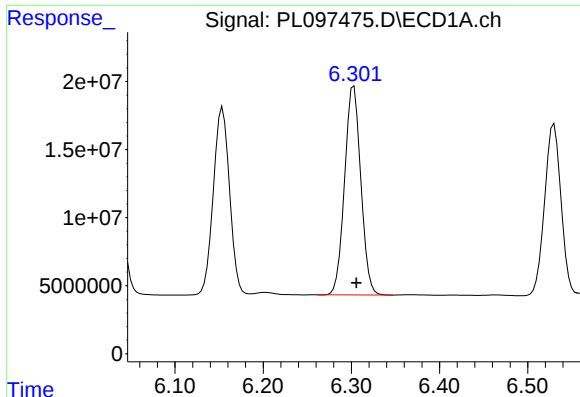
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 174627581
Conc: 36.65 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 255650394
Conc: 33.27 ng/ml



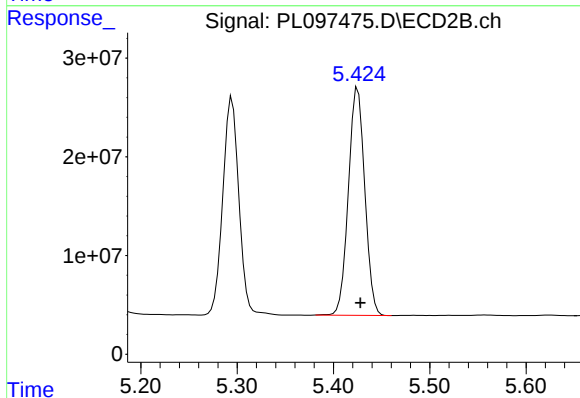
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 195955144
Conc: 35.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

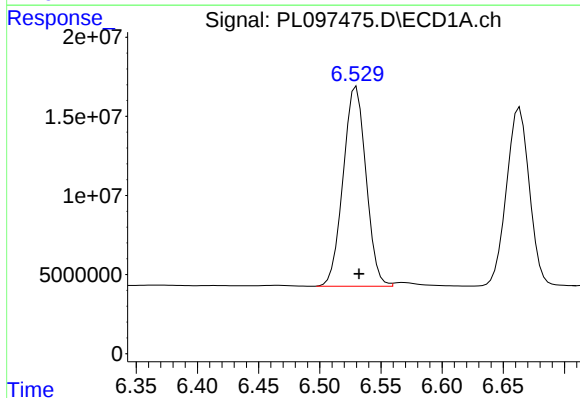
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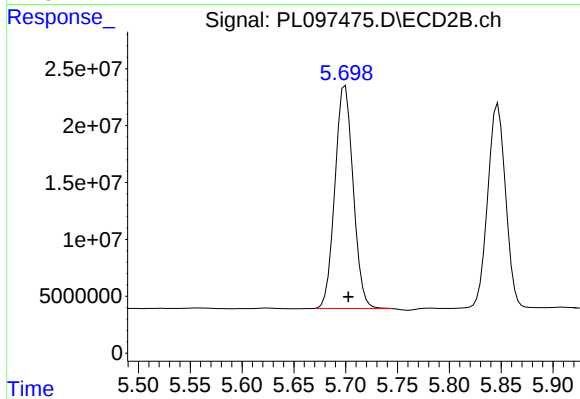
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 271635046
Conc: 33.22 ng/ml



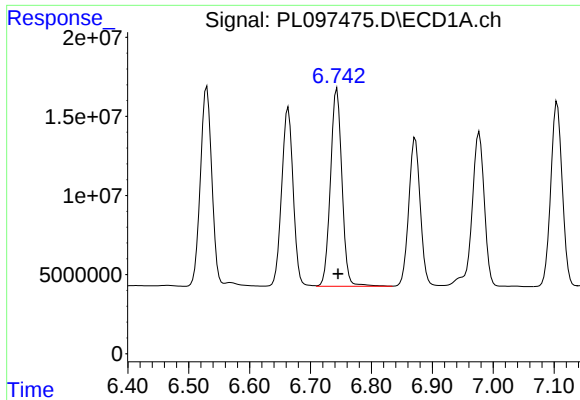
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 163715086
Conc: 35.49 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 240045084
Conc: 31.96 ng/ml



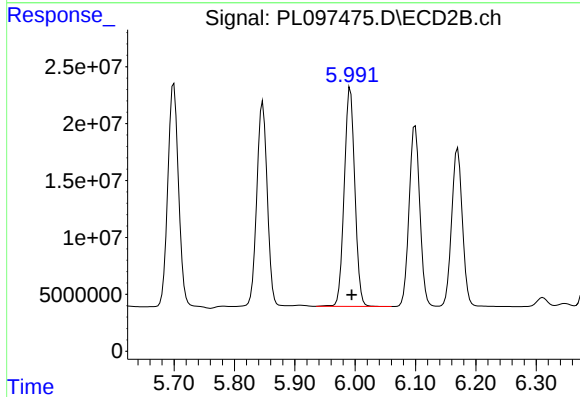
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 163942411
Conc: 33.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

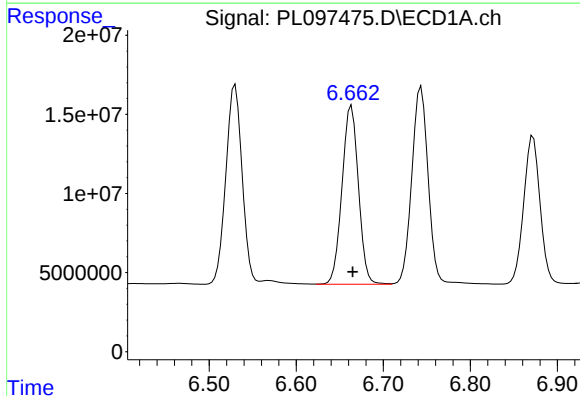
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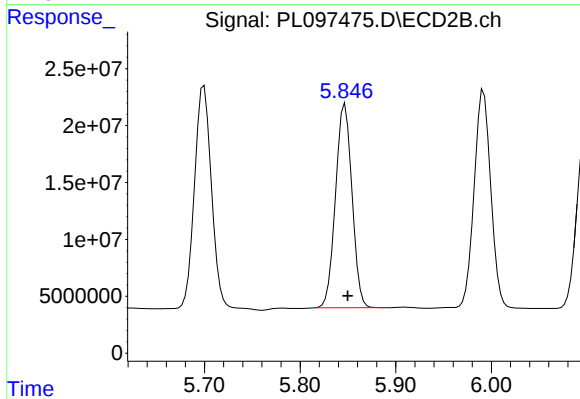
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 234412141
Conc: 32.97 ng/ml



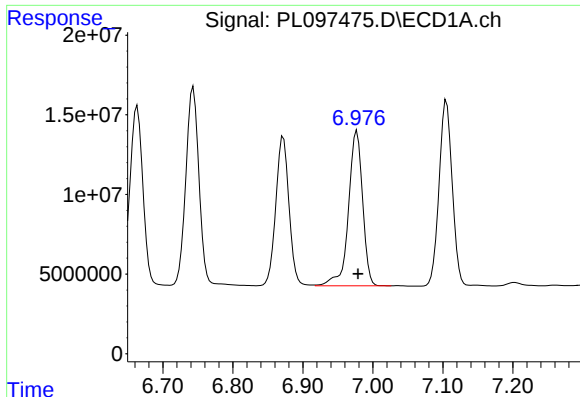
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 147615567
Conc: 39.15 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 214254270
Conc: 33.22 ng/ml



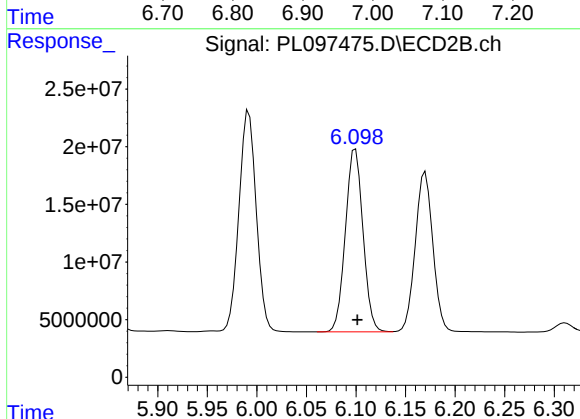
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 136702681
Conc: 32.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

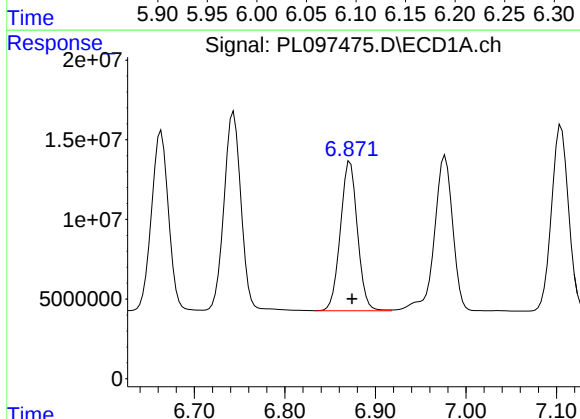
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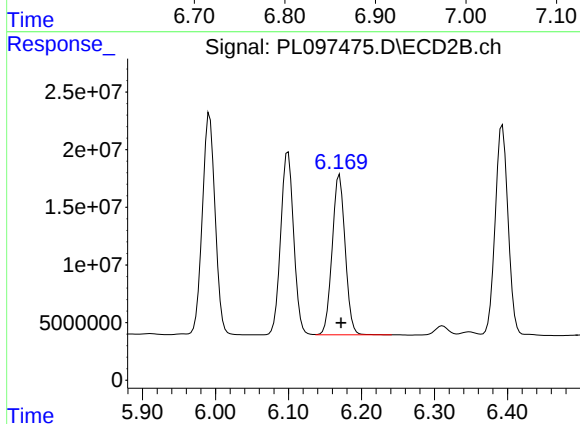
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 196053235
Conc: 28.33 ng/ml



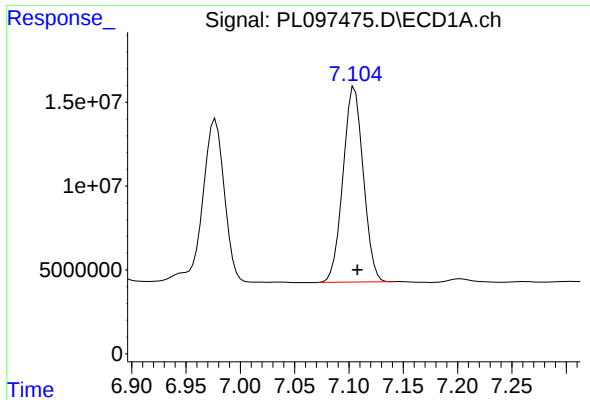
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 122956719
Conc: 39.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 171732440
Conc: 32.18 ng/ml



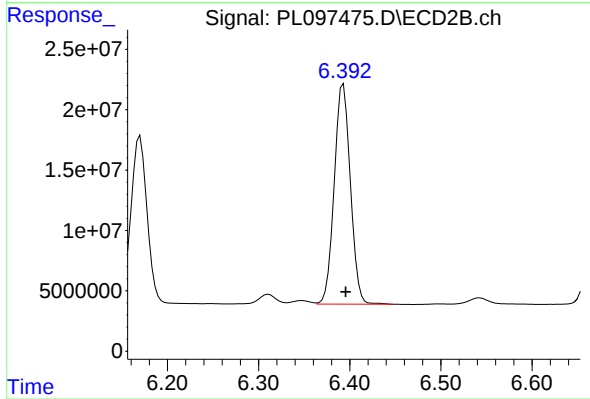
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 151390198
Conc: 37.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

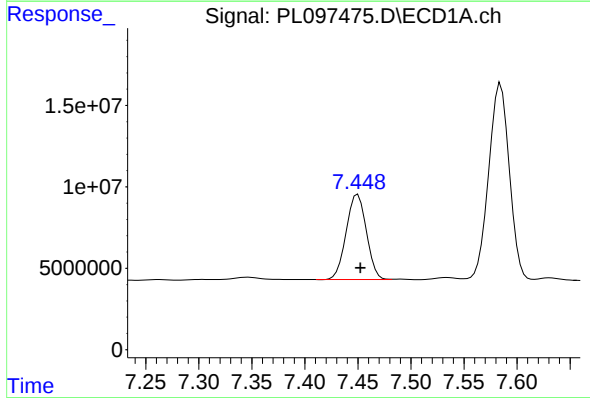
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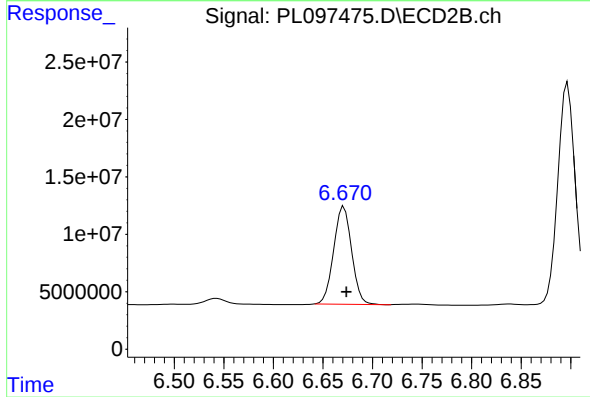
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 224213991
Conc: 32.73 ng/ml



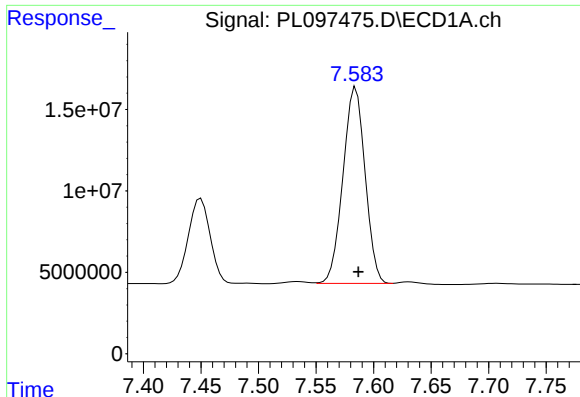
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 69135053
Conc: 33.15 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 107203071
Conc: 28.44 ng/ml



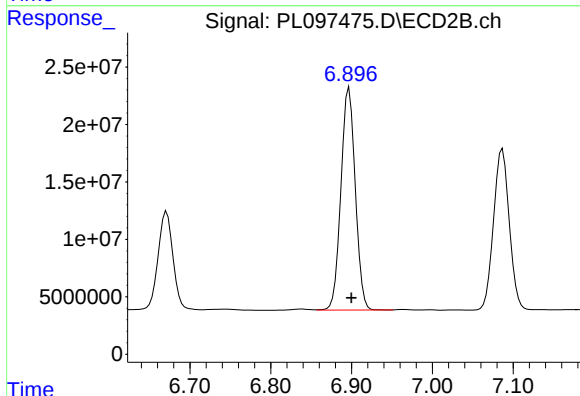
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 162052114
Conc: 38.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

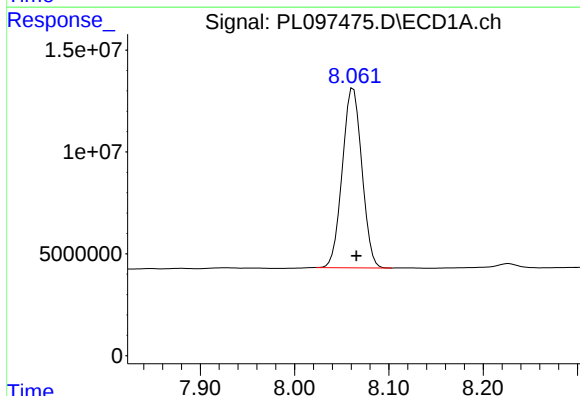
Manual Integrations
APPROVED

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



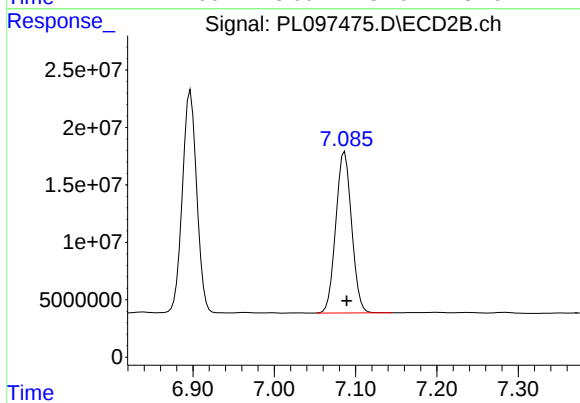
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 238170946
Conc: 31.63 ng/ml



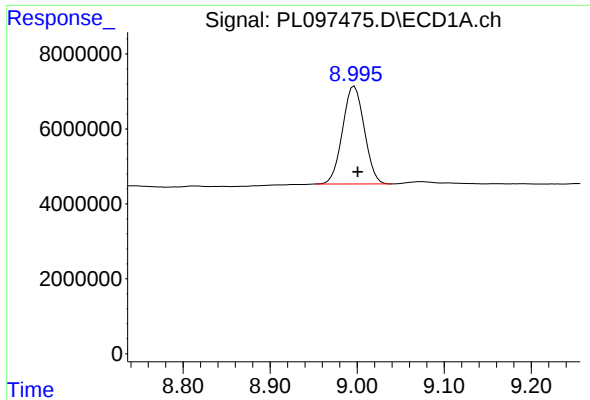
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 127128616
Conc: 35.81 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 189268316
Conc: 31.66 ng/ml



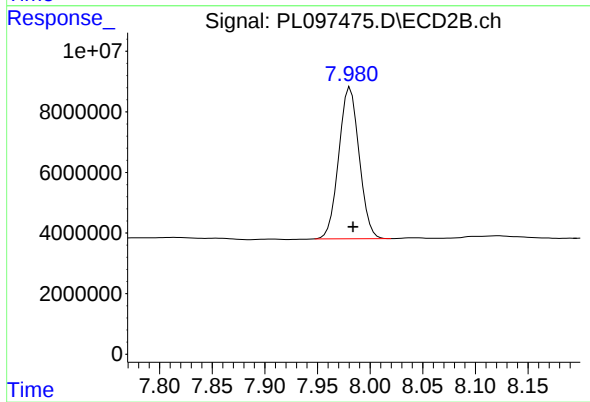
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 45268090
Conc: 13.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
13-1MS

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: 67515849
Conc: 11.86 ng/ml