

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
 Data File : PL096050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 14:29
 Operator : AR\AJ
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:32:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 14:04:36 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...	3.570	2.883	55845753	69447153	17.186m	17.111
28)	SA Decachlor...	9.113	8.065	35811174	52232160	14.650	10.986 #
Target Compounds							
2)	A alpha-BHC	4.022	3.392	226.2E6	289.3E6	45.292	47.426
3)	MA gamma-BHC...	4.353	3.725	205.4E6	265.3E6	44.039	45.634
4)	MA Heptachlor	4.951	4.077	165.8E6	242.6E6	40.213	42.099
5)	MB Aldrin	5.293	4.362	187.8E6	242.1E6	42.171	44.136
6)	B beta-BHC	4.541	4.021	88120307	112.5E6	44.476	43.676
7)	B delta-BHC	4.789	4.256	195.7E6	256.5E6	43.024	44.351
8)	B Heptachlo...	5.714	4.864	164.7E6	216.1E6	41.756	42.107
9)	A Endosulfan I	6.097	5.237	151.0E6	203.7E6	40.401	36.814
10)	B gamma-Chl...	5.968	5.117	166.3E6	223.5E6	41.142	41.111
11)	B alpha-Chl...	6.050	5.182	162.7E6	221.7E6	40.368	38.892
12)	B 4,4'-DDE	6.221	5.369	149.8E6	211.9E6	40.276	39.113
13)	MA Dieldrin	6.371	5.503	158.2E6	211.7E6	39.700	39.005
14)	MA Endrin	6.598	5.779	125.6E6	180.7E6	39.641	38.056
15)	B Endosulfa...	6.812	6.070	133.9E6	180.7E6	38.521	36.683
16)	A 4,4'-DDD	6.732	5.923	121.9E6	169.7E6	40.532	37.087
17)	MA 4,4'-DDT	7.047	6.176	98096359	152.5E6	34.462	32.360m
18)	B Endrin al...	6.941	6.248	90929797	124.5E6	36.687	33.934
19)	B Endosulfa...	7.175	6.473	115.8E6	156.4E6	37.446	33.338
20)	A Methoxychlor	7.523	6.750	47148644	76722812	32.929	29.809
21)	B Endrin ke...	7.658	6.979	128.6E6	180.1E6	38.334	32.559
22)	Mirex	8.141	7.172	95978991	138.4E6	38.042	31.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061325\
Data File : PL096050.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 14:29
Operator : AR\AJ
Sample : Q2310-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

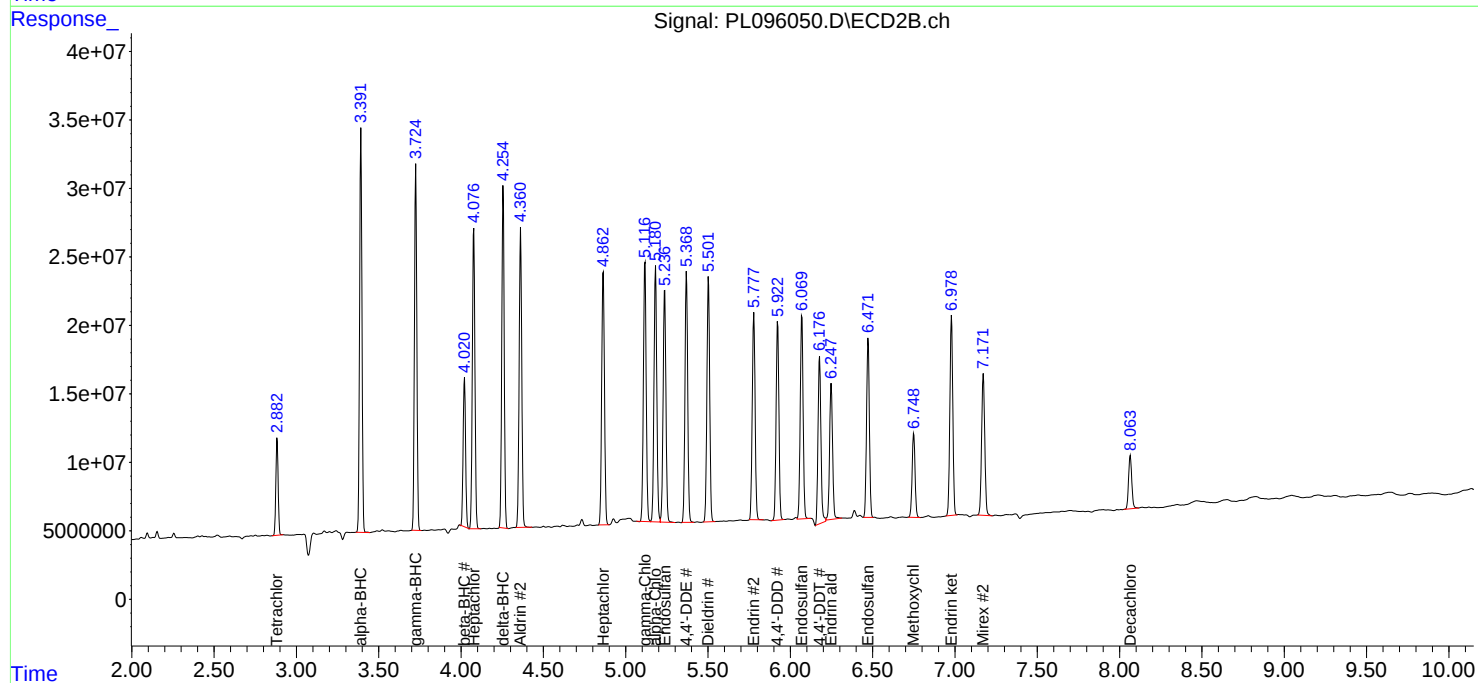
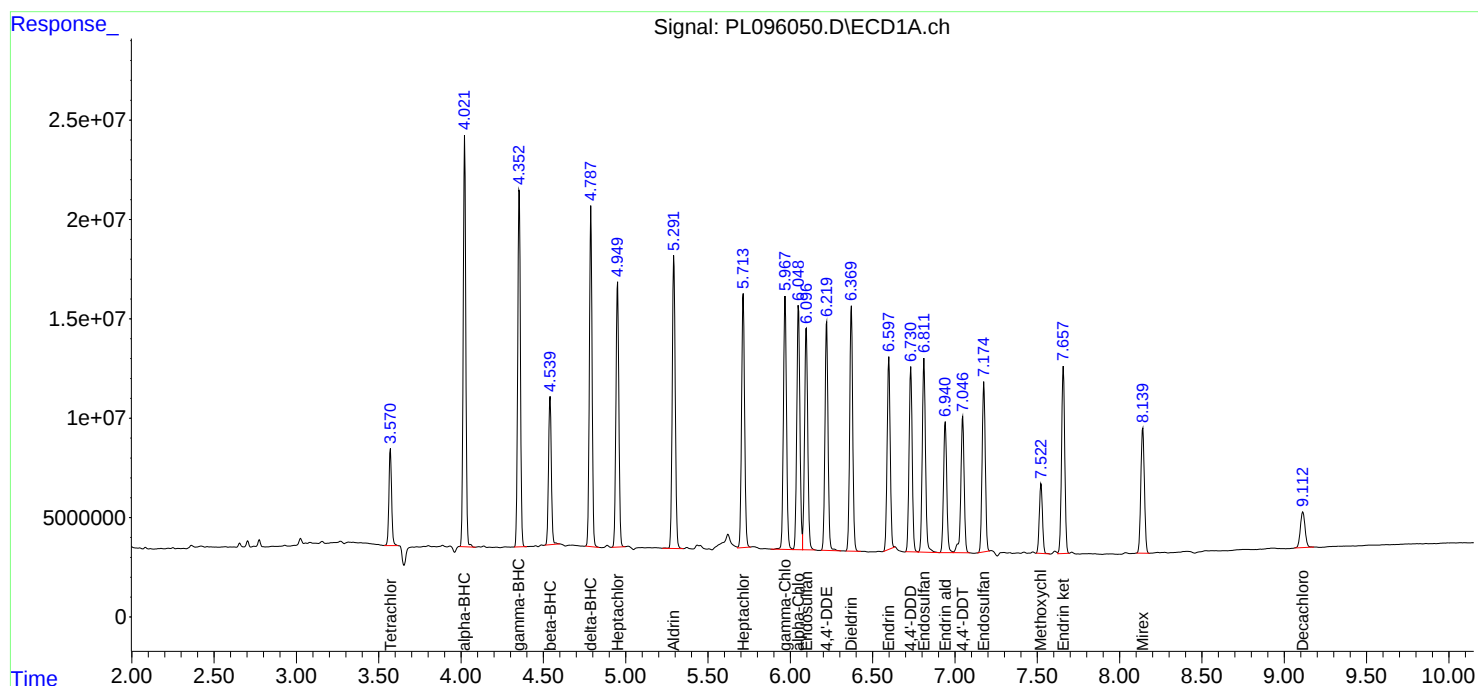
Instrument :
ECD_L
ClientSampleId :
TP-7MS

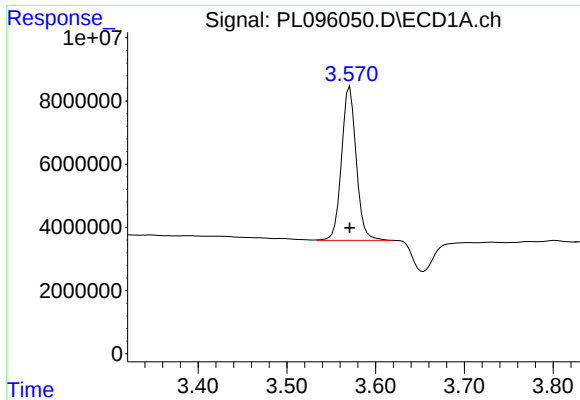
Manual Integrations
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Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:32:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 14:04:36 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





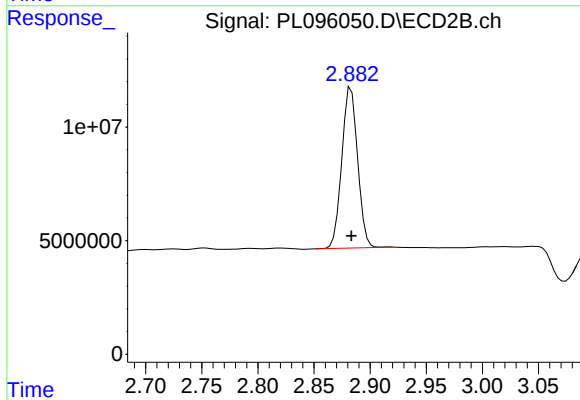
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.001 min
Response: 55845753
Conc: 17.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

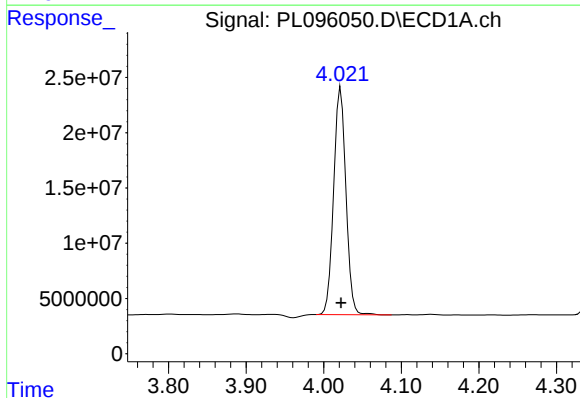
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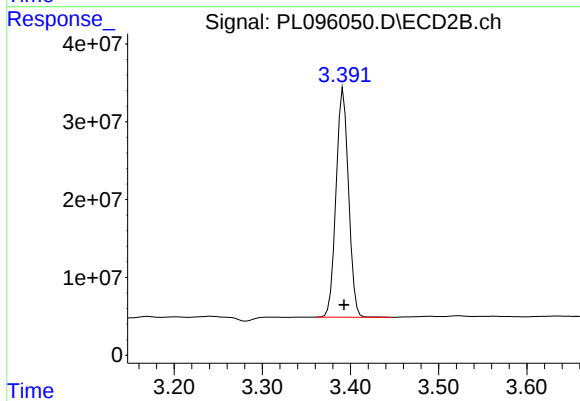
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 69447153
Conc: 17.11 ng/ml



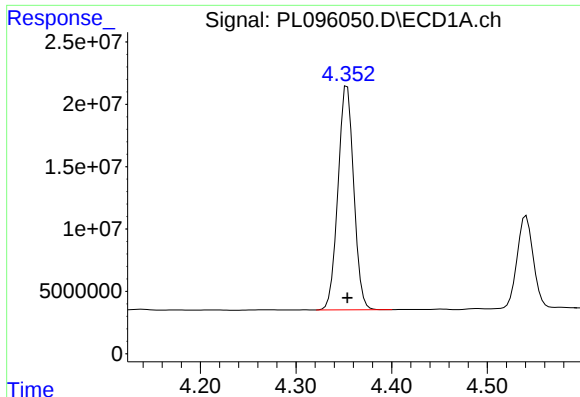
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 226239529
Conc: 45.29 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 289304190
Conc: 47.43 ng/ml



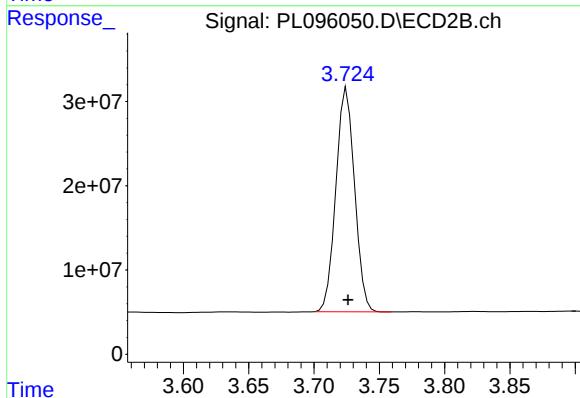
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 205416925
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

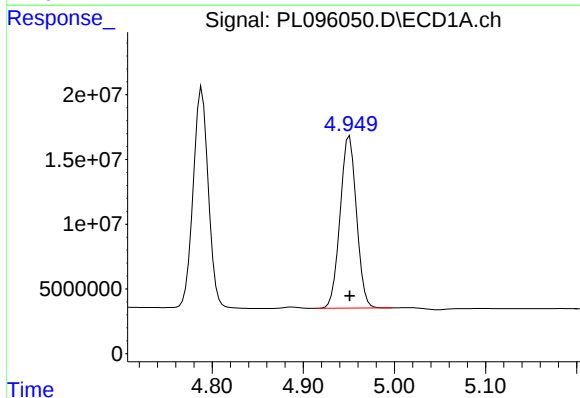
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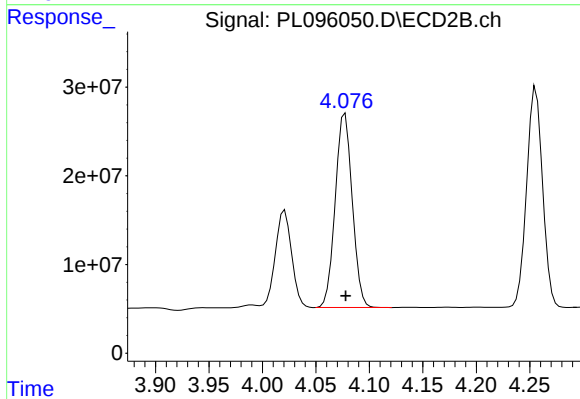
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 265323505
Conc: 45.63 ng/ml



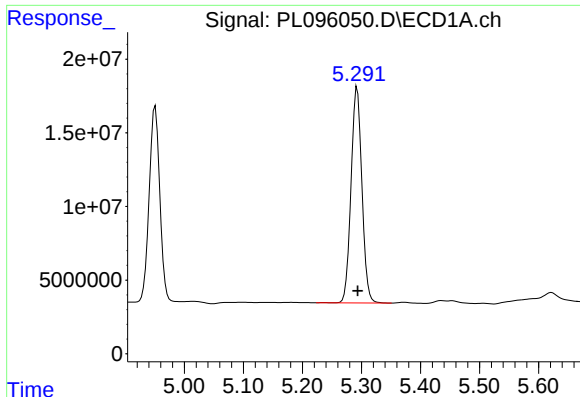
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 165787384
Conc: 40.21 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 242603783
Conc: 42.10 ng/ml



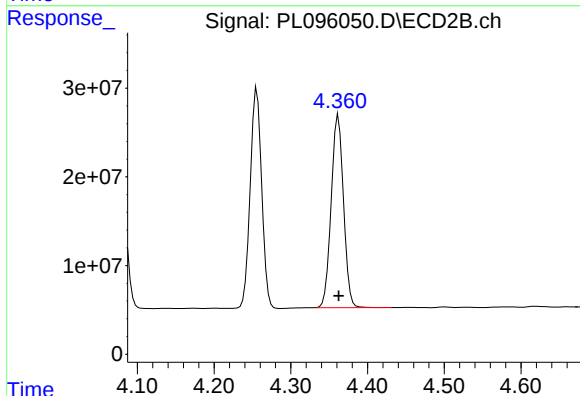
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 187810299
Conc: 42.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

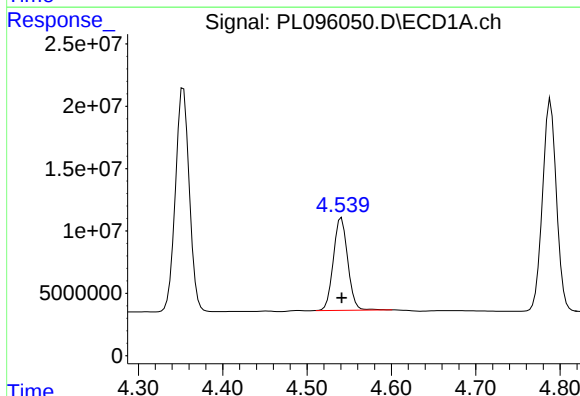
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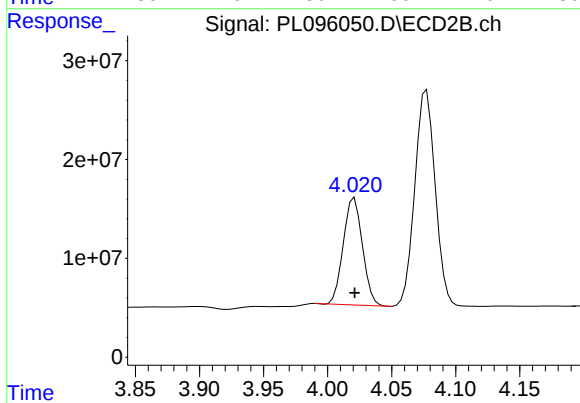
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 242121043
Conc: 44.14 ng/ml



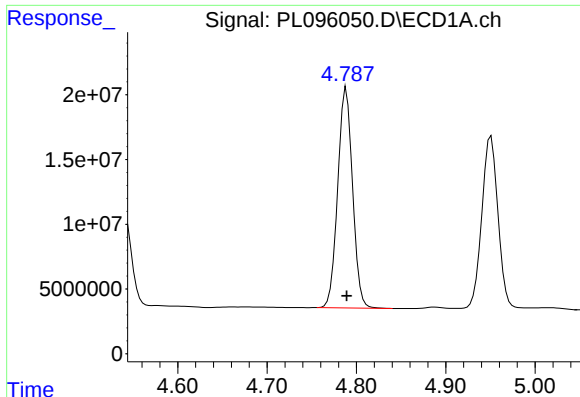
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 88120307
Conc: 44.48 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 112474184
Conc: 43.68 ng/ml



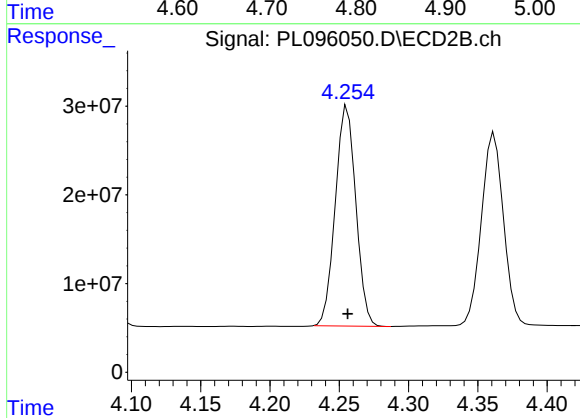
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 195730022
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

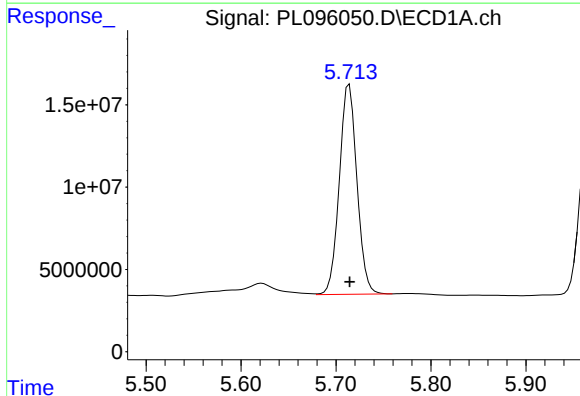
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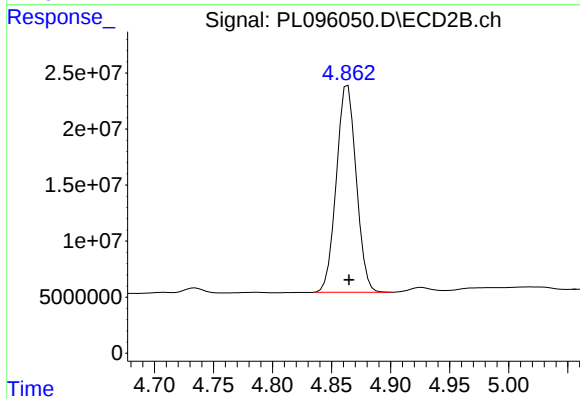
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 256498577
Conc: 44.35 ng/ml



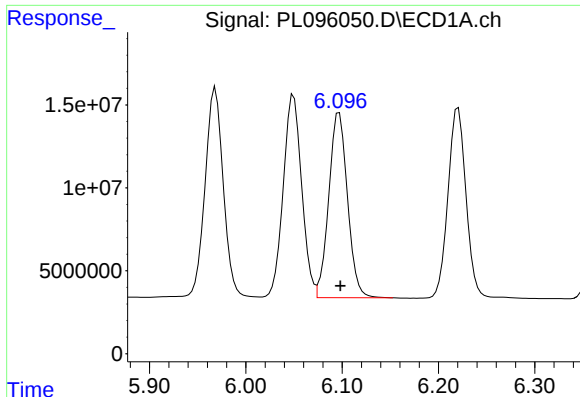
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 164709865
Conc: 41.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 216110161
Conc: 42.11 ng/ml



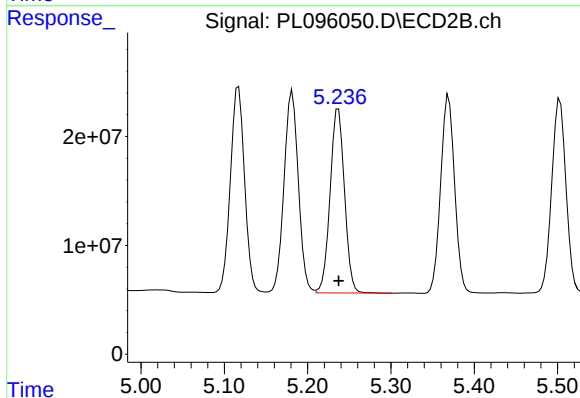
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 151031130
Conc: 40.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

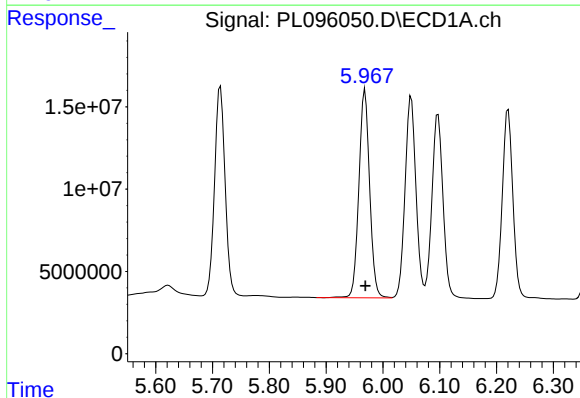
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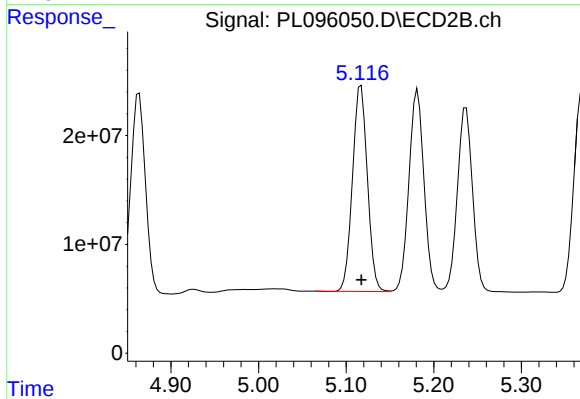
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 203671273
Conc: 36.81 ng/ml



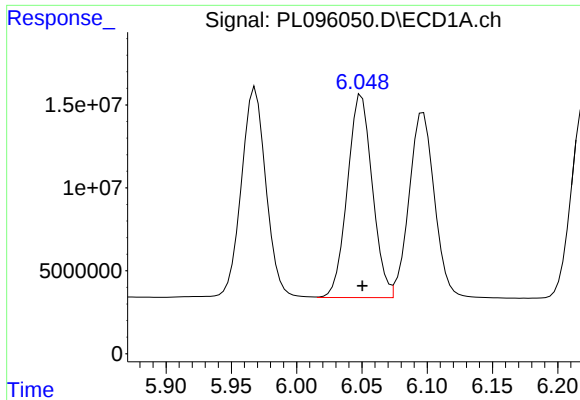
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 166307400
Conc: 41.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 223528872
Conc: 41.11 ng/ml



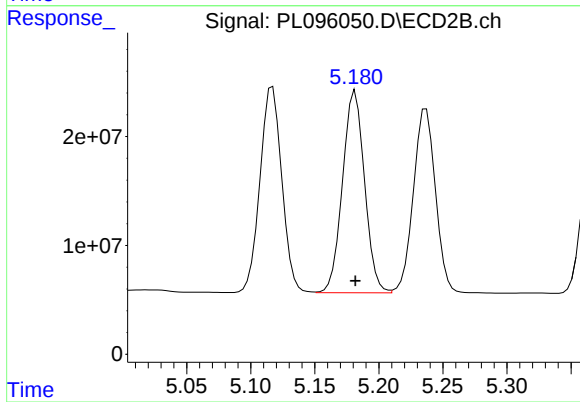
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 162673518
Conc: 40.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

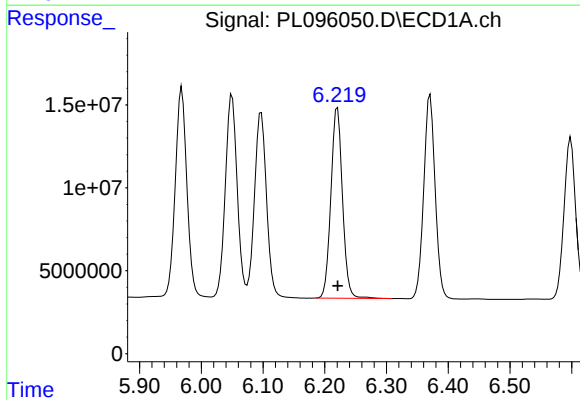
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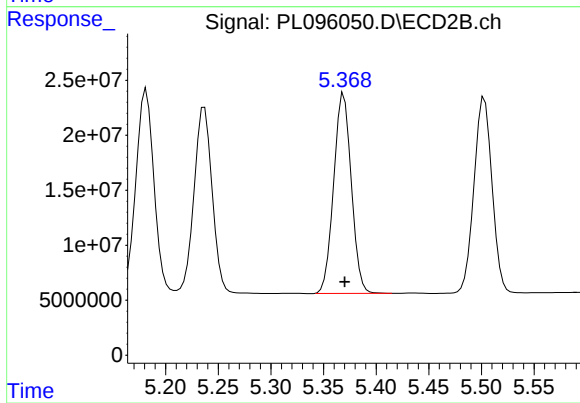
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 221655694
Conc: 38.89 ng/ml



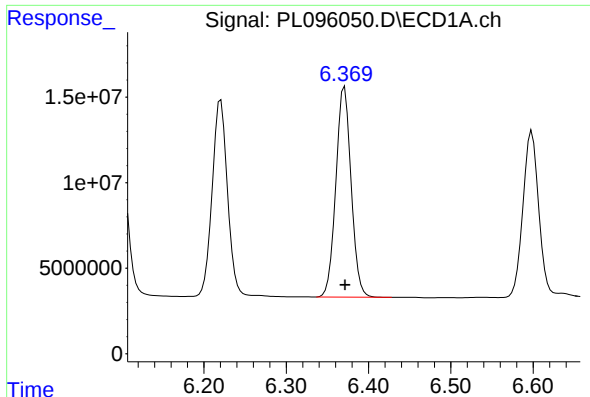
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 149833177
Conc: 40.28 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 211908421
Conc: 39.11 ng/ml



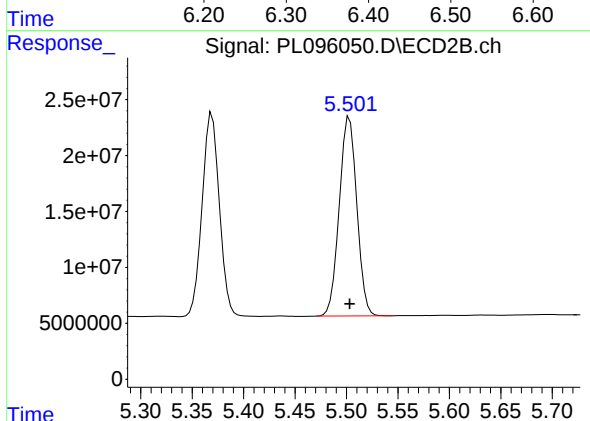
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 158222219
Conc: 39.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

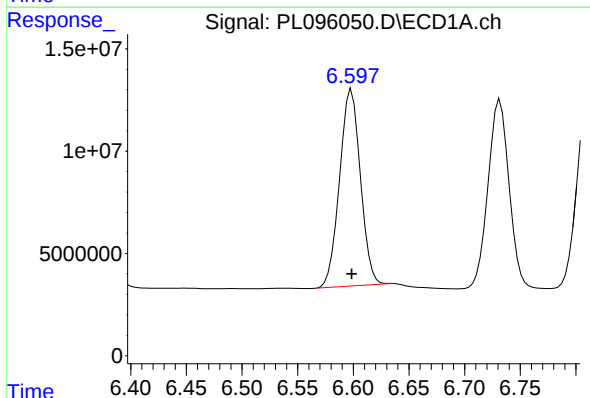
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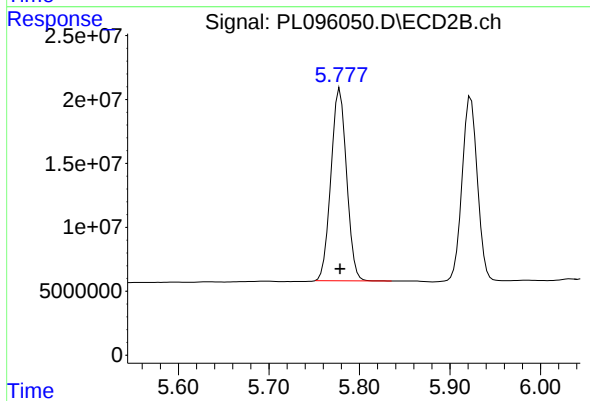
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 211660836
Conc: 39.01 ng/ml



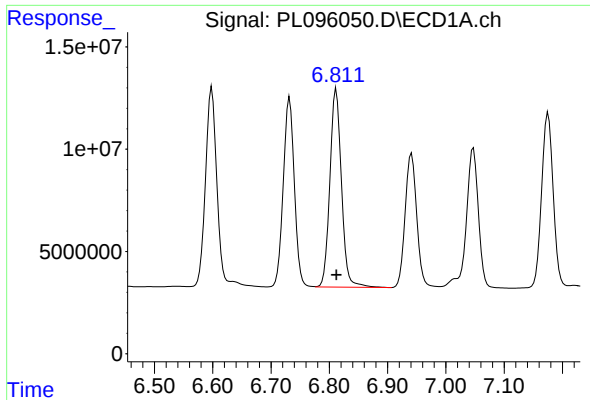
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 125553230
Conc: 39.64 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 180746129
Conc: 38.06 ng/ml



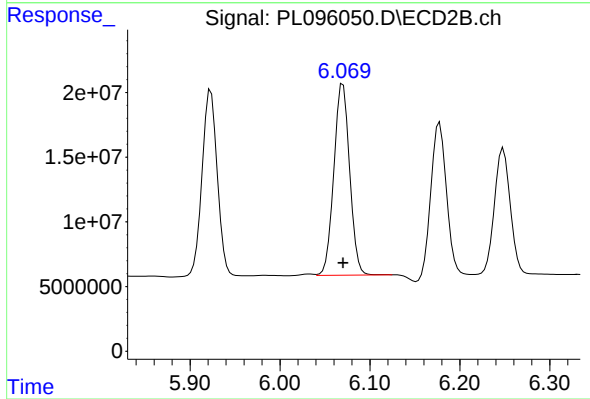
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 133875435
Conc: 38.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

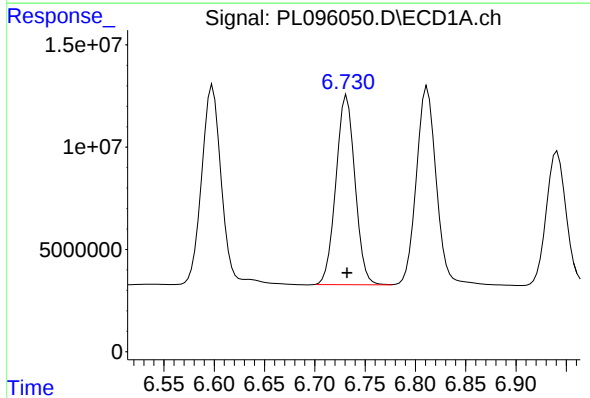
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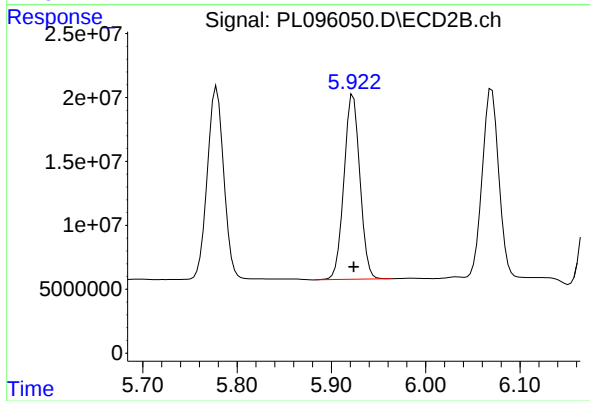
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 180673140
Conc: 36.68 ng/ml



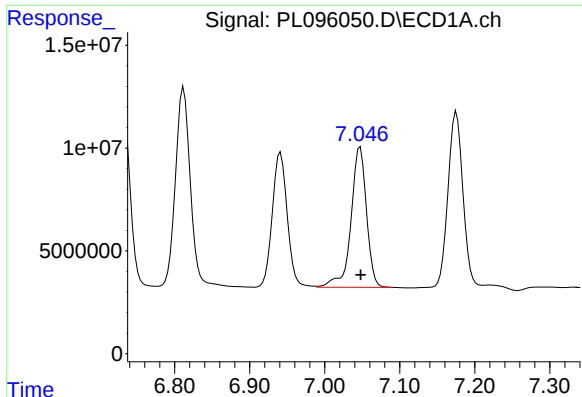
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 121869129
Conc: 40.53 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 169729333
Conc: 37.09 ng/ml



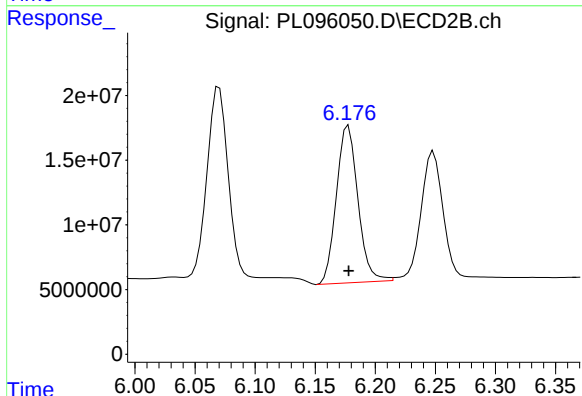
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 98096359
Conc: 34.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

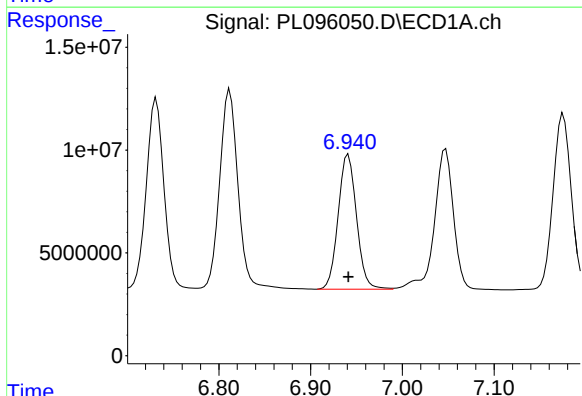
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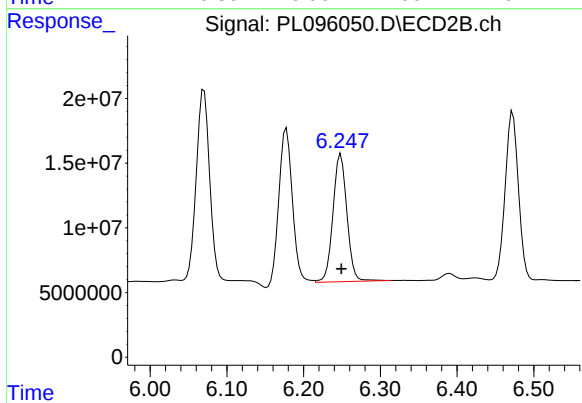
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 152525046
Conc: 32.36 ng/ml m



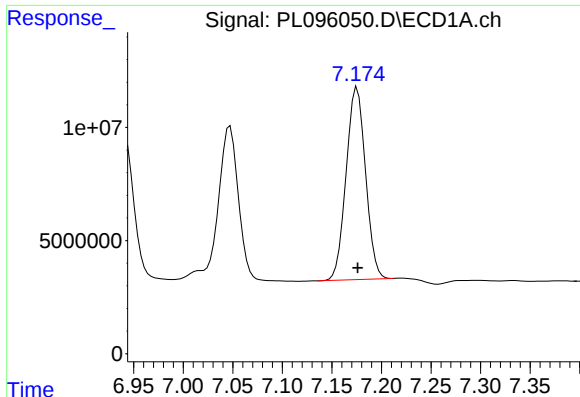
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 90929797
Conc: 36.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 124539730
Conc: 33.93 ng/ml



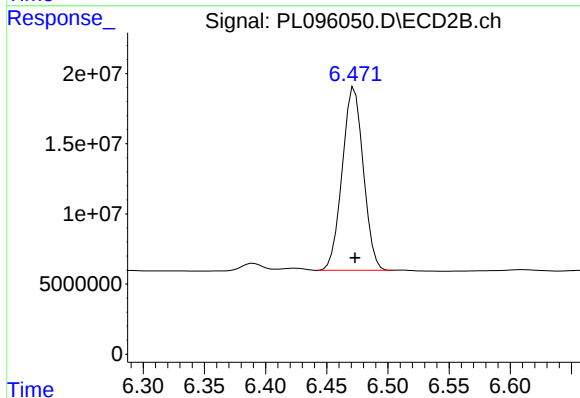
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 115814117
Conc: 37.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

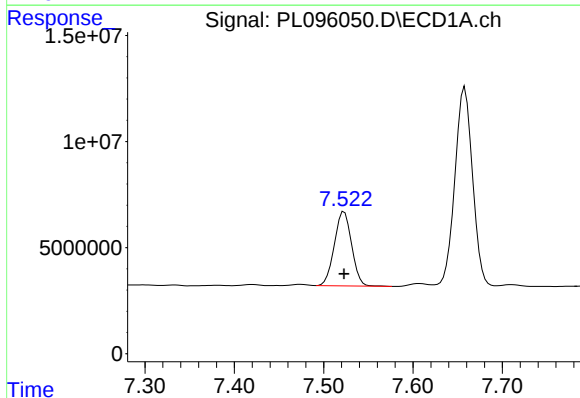
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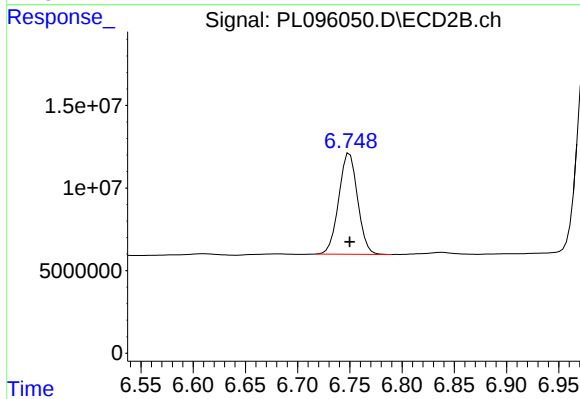
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 156356121
Conc: 33.34 ng/ml



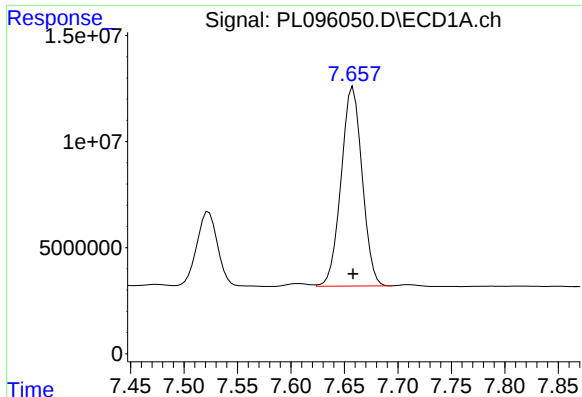
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 47148644
Conc: 32.93 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 76722812
Conc: 29.81 ng/ml



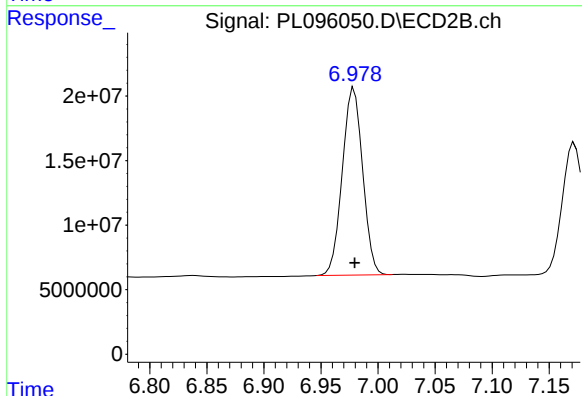
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 128617552
Conc: 38.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

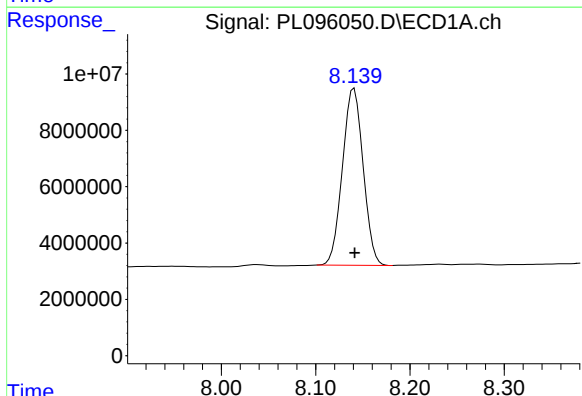
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



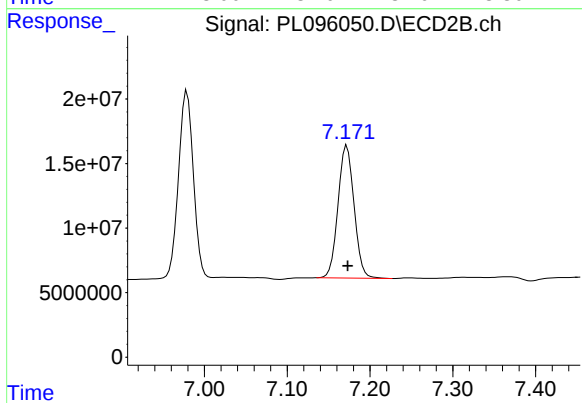
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 180139115
Conc: 32.56 ng/ml



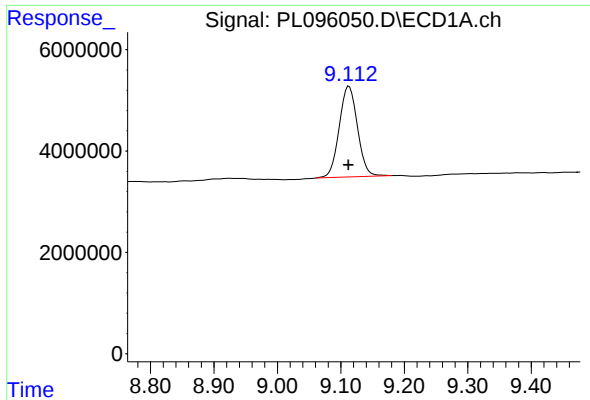
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 95978991
Conc: 38.04 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 138447371
Conc: 31.73 ng/ml



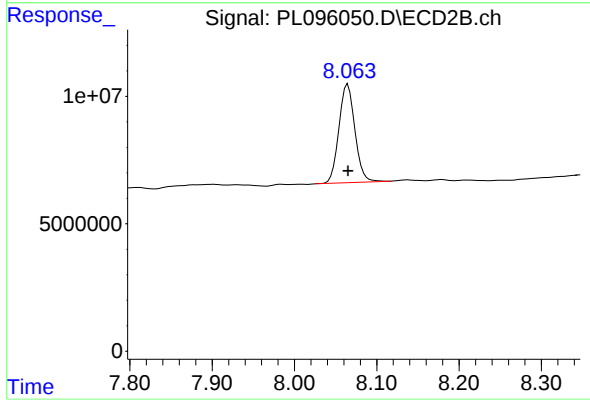
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 35811174
Conc: 14.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/17/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 52232160
Conc: 10.99 ng/ml