

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2021 00:10
 Operator : AR\AJ
 Sample : M4693-02MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 UT-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:55:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.567	5.501	9773255	28693660	19.953	22.757
28)	SA Decachlor...	10.327	11.390	7795368	15019980	11.408	11.231
Target Compounds							
2)	A alpha-BHC	5.272	6.081	36472956	105.8E6	54.485	57.476
3)	MA gamma-BHC...	5.695	6.477	35673537	98421091	53.182	56.758
4)	MA Heptachlor	6.102	7.123	36821053	94668352	51.318	58.283
5)	MB Aldrin	6.426	7.493	32941582	88744145	51.514	54.651
6)	B beta-BHC	6.078	6.733	16339198	43982149	50.300	51.332
7)	B delta-BHC	6.337	6.998	35707735	102.3E6	53.954	61.158m
8)	B Heptachlo...	7.001	7.959	33666997	85589399	51.783m	56.155
9)	A Endosulfan I	7.405	8.364	32137518	80502596	52.464	55.958
10)	B gamma-Chl...	7.280	8.229	34125659	85335690	51.408	55.114
11)	B alpha-Chl...	7.350	8.309	33852280	83958474	50.801	55.201
12)	B 4,4'-DDE	7.564	8.499	30392181	82472664	52.164	55.894
13)	MA Dieldrin	7.691	8.652	32848926	82709740	52.625	56.762m
14)	MA Endrin	7.982	8.892	29302825	67366981	51.683	58.160
15)	B Endosulfa...	8.293	9.127	29121826	69578453	48.108	56.968
16)	A 4,4'-DDD	8.150	9.039	28226770	67059524	55.554	55.724
17)	MA 4,4'-DDT	8.410	9.355	26287533	65264431	47.798	51.733
18)	B Endrin al...	8.482	9.262	22726775	51289870	50.024	53.037
19)	B Endosulfa...	8.713	9.499	31514383	67322297	51.086	54.318
20)	A Methoxychlor	9.004	9.842	16696152	31925646	45.638m	47.171
21)	B Endrin ke...	9.230	9.995	38363897	75006474	53.651	52.251
22)	Mirex	9.414	10.459	30174698	51560347	49.134	49.501

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
Data File : PL071044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2021 00:10
Operator : AR\AJ
Sample : M4693-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

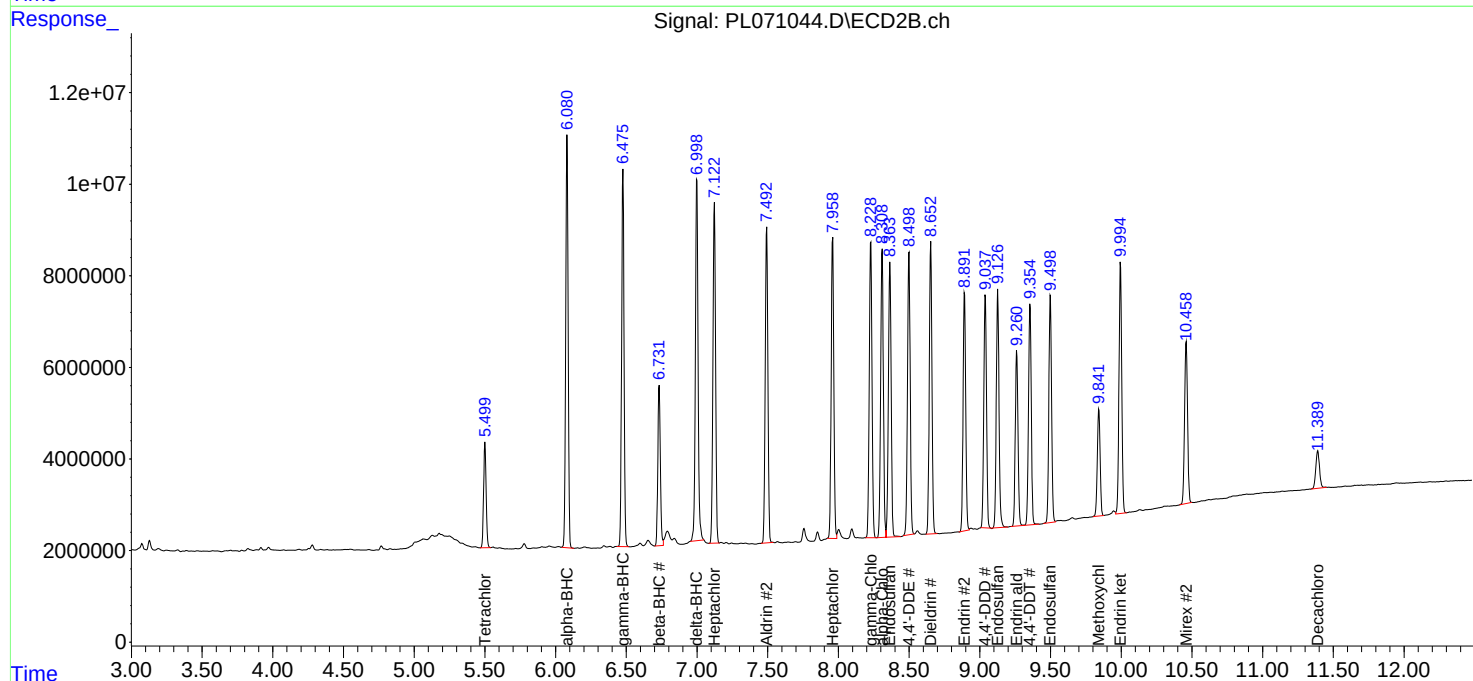
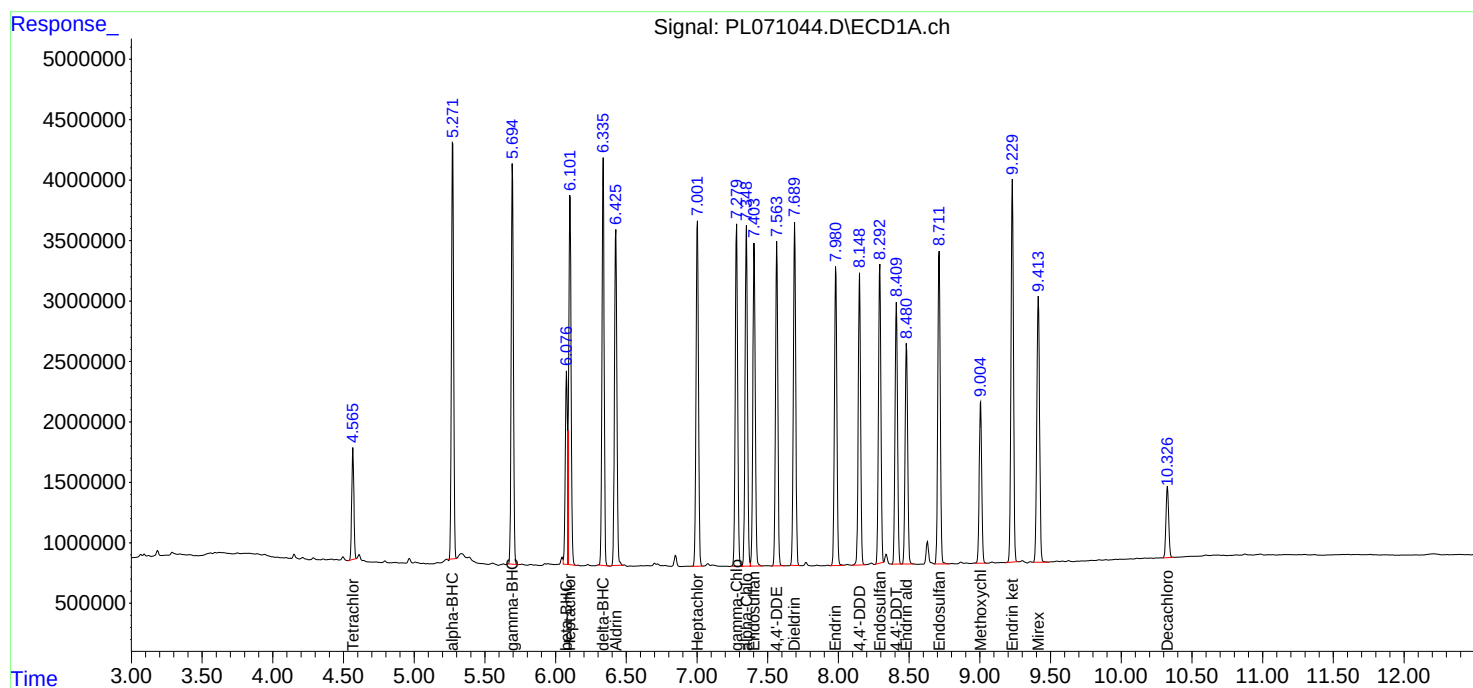
Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

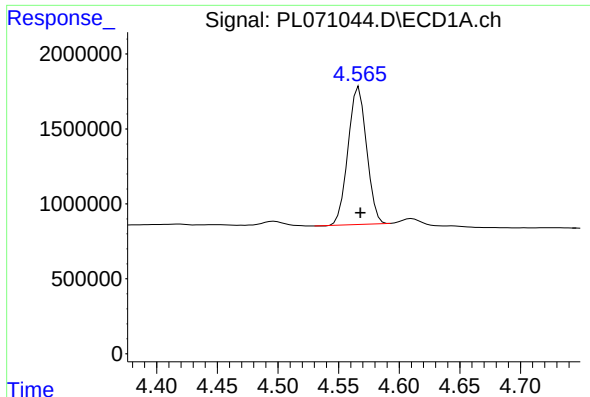
Manual Integrations
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Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 00:55:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
QLast Update : Thu Nov 04 19:28:07 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





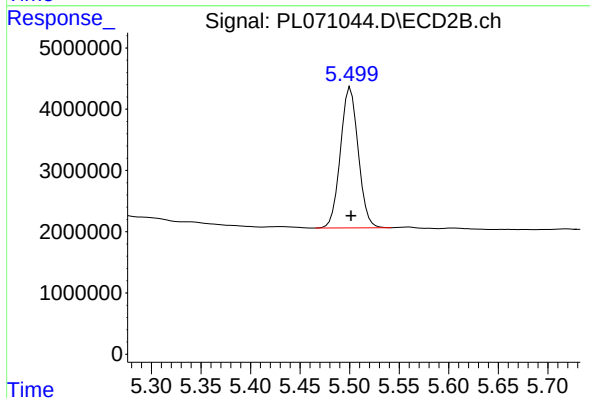
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 9773255
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

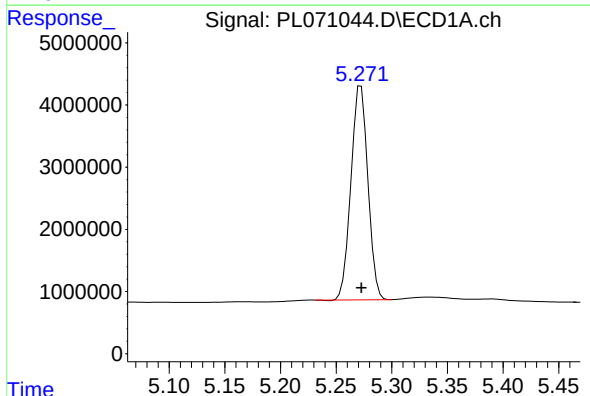
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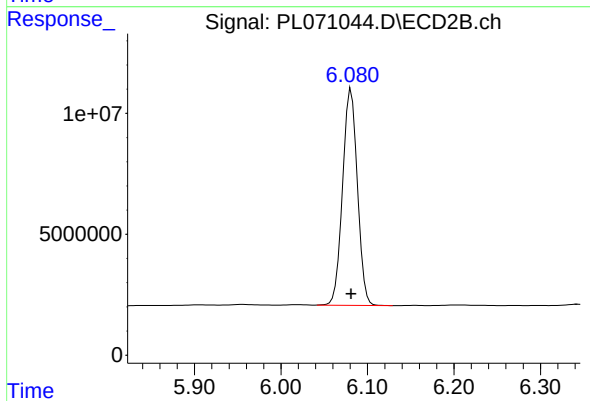
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 28693660
Conc: 22.76 ng/ml



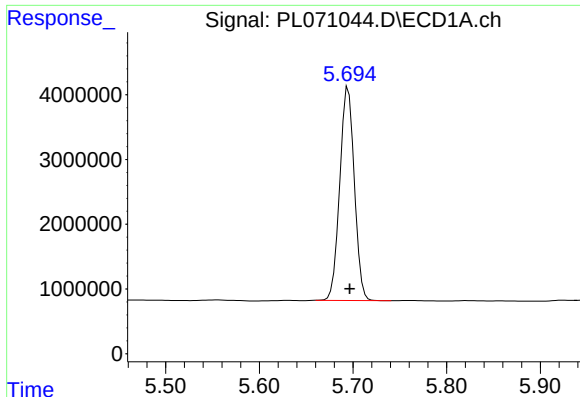
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 36472956
Conc: 54.49 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 105801457
Conc: 57.48 ng/ml



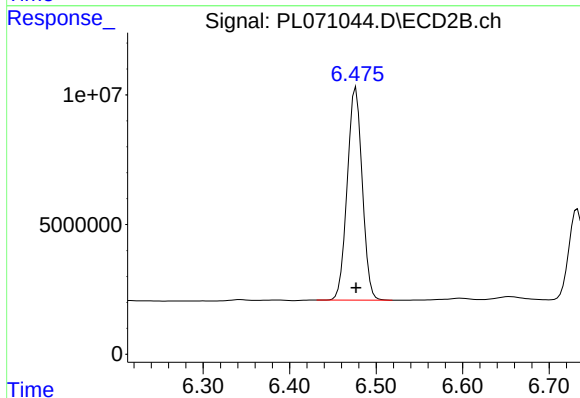
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 35673537
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

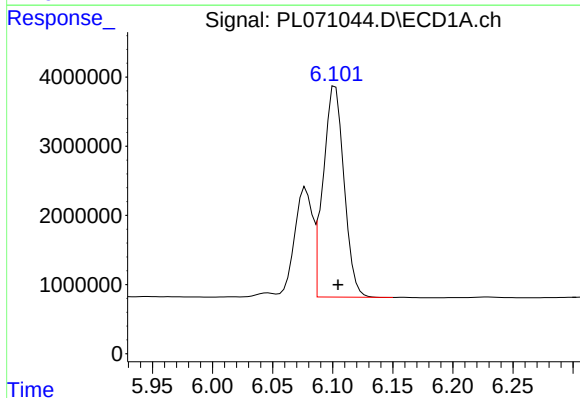
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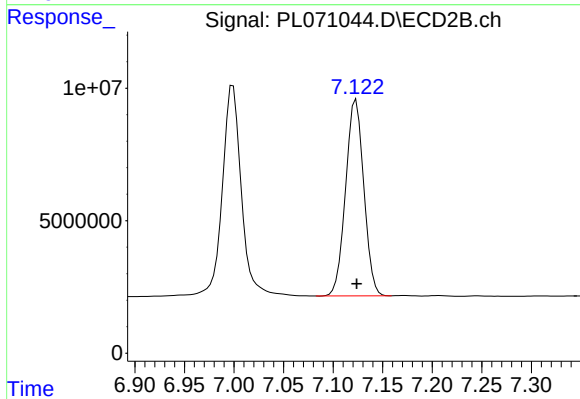
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 98421091
Conc: 56.76 ng/ml



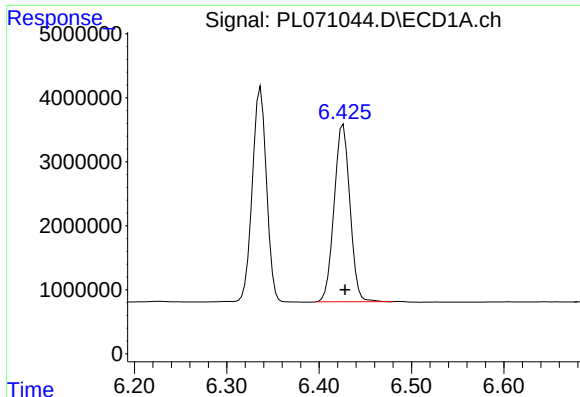
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 36821053
Conc: 51.32 ng/ml



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 94668352
Conc: 58.28 ng/ml



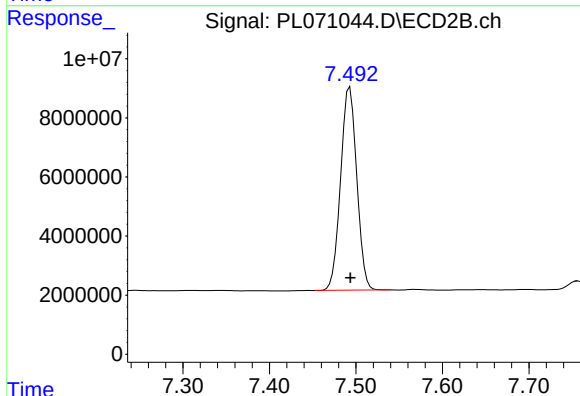
#5 Aldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 32941582
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

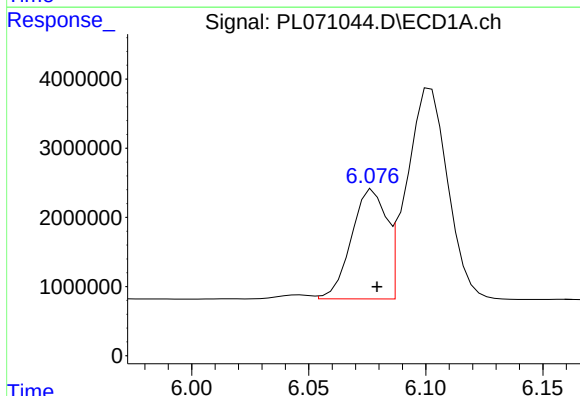
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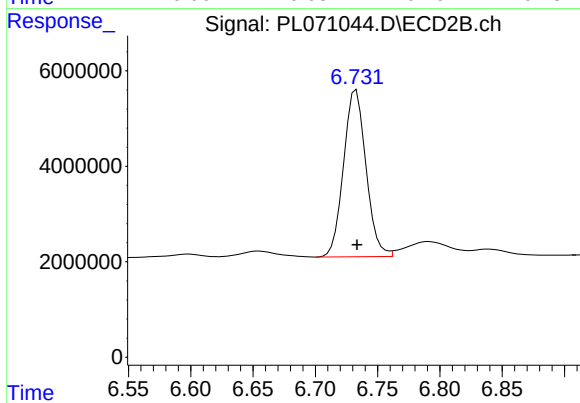
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 88744145
Conc: 54.65 ng/ml



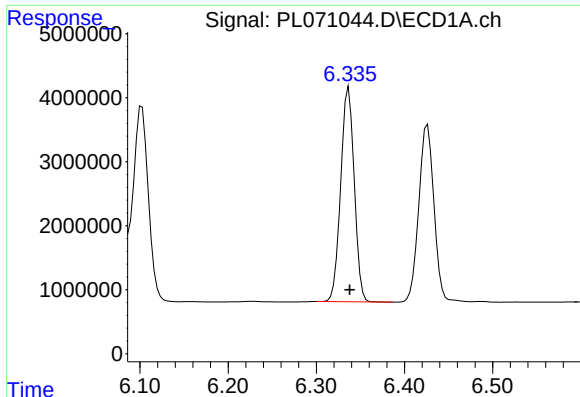
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 16339198
Conc: 50.30 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 43982149
Conc: 51.33 ng/ml



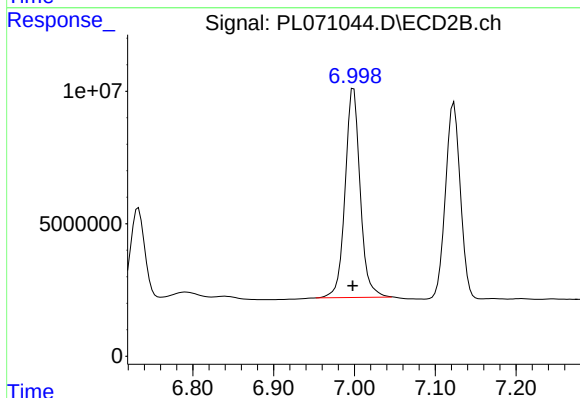
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 35707735
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

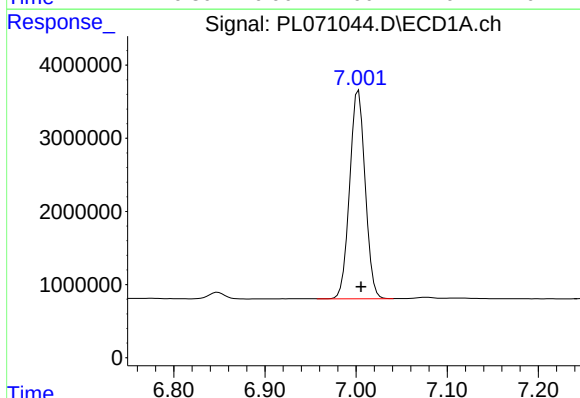
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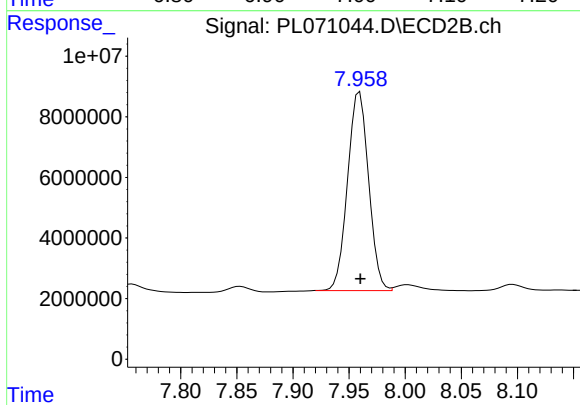
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 102272500
Conc: 61.16 ng/ml m



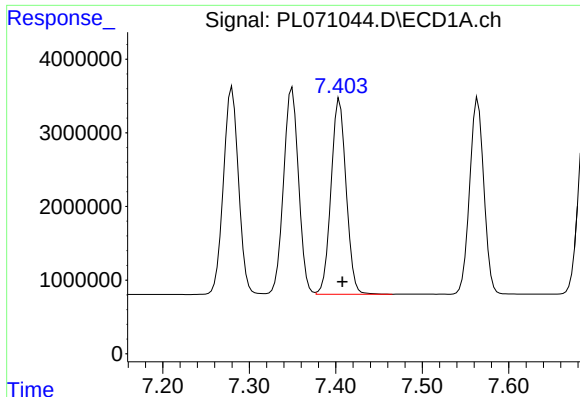
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 33666997
Conc: 51.78 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 85589399
Conc: 56.16 ng/ml



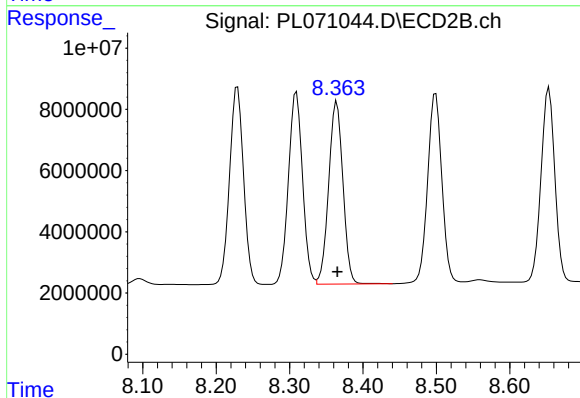
#9 Endosulfan I

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 32137518
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

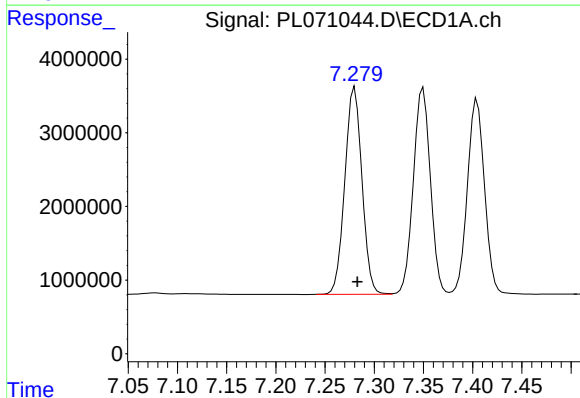
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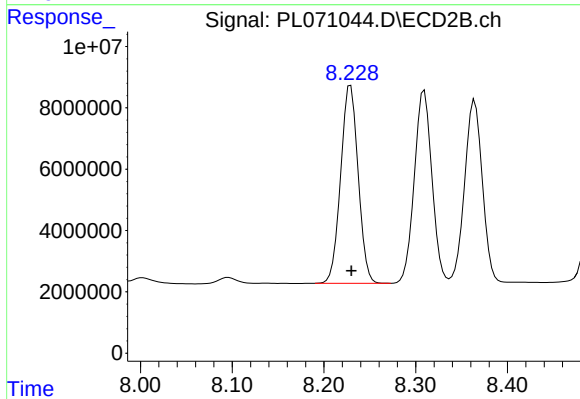
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 80502596
Conc: 55.96 ng/ml



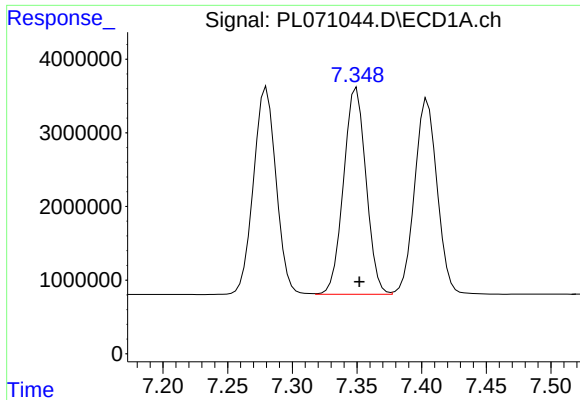
#10 gamma-Chlordane

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 34125659
Conc: 51.41 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 85335690
Conc: 55.11 ng/ml



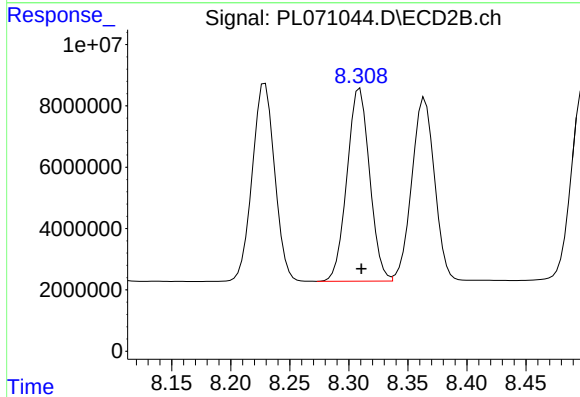
#11 alpha-Chlordane

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 33852280
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

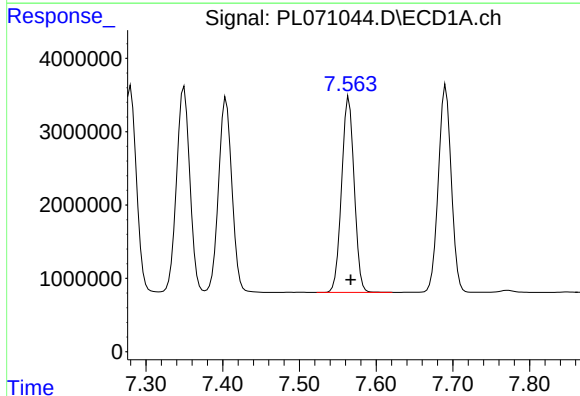
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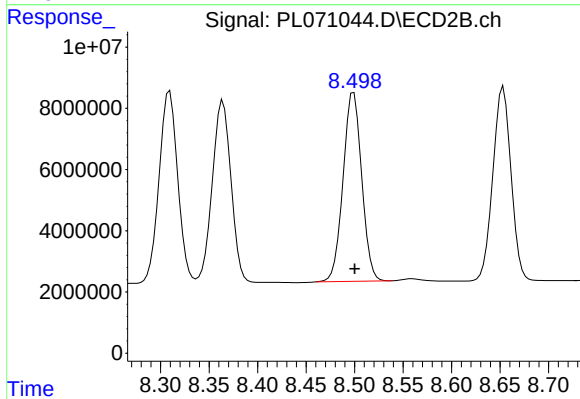
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.001 min
Response: 83958474
Conc: 55.20 ng/ml



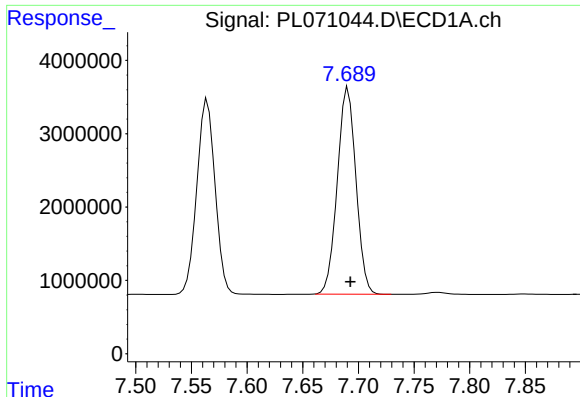
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: -0.003 min
Response: 30392181
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 82472664
Conc: 55.89 ng/ml



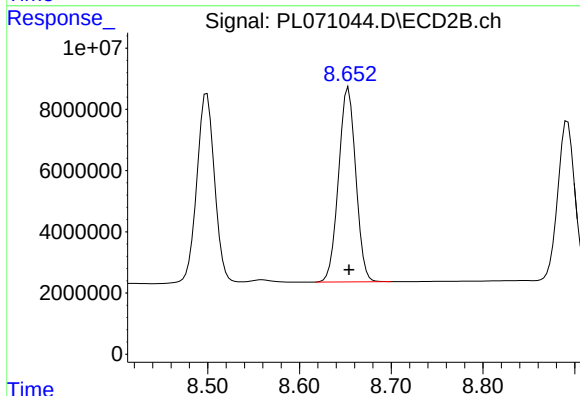
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 32848926
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

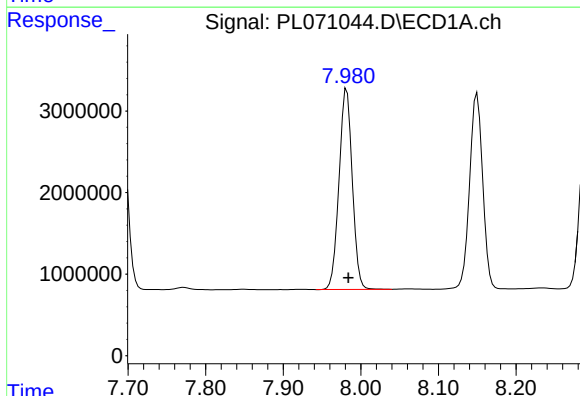
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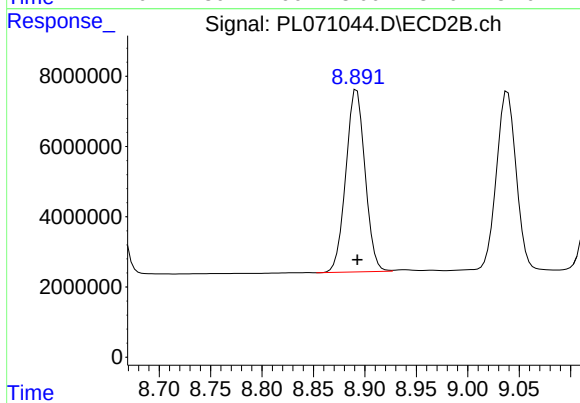
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 82709740
Conc: 56.76 ng/ml m



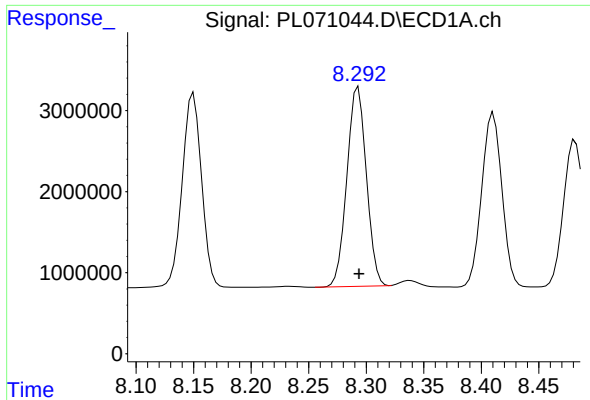
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 29302825
Conc: 51.68 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 67366981
Conc: 58.16 ng/ml



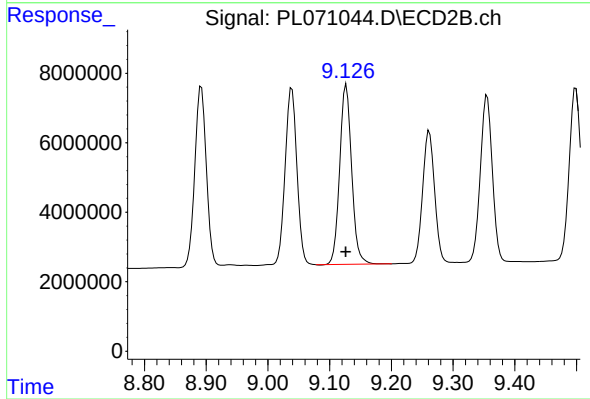
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 29121826
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

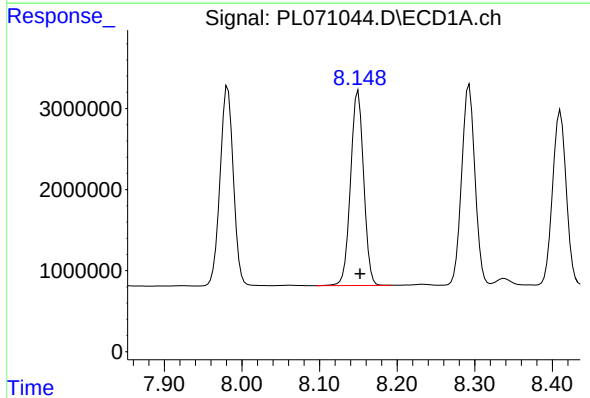
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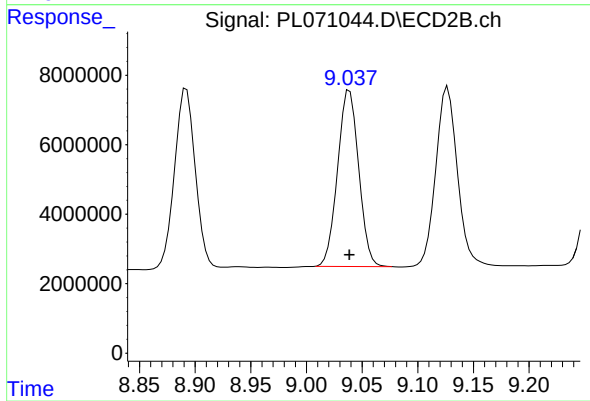
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 69578453
Conc: 56.97 ng/ml



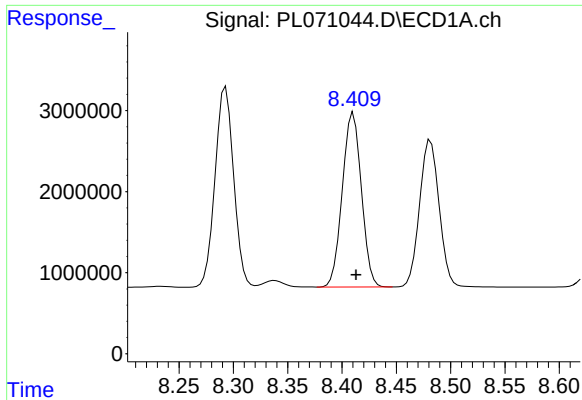
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 28226770
Conc: 55.55 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 67059524
Conc: 55.72 ng/ml



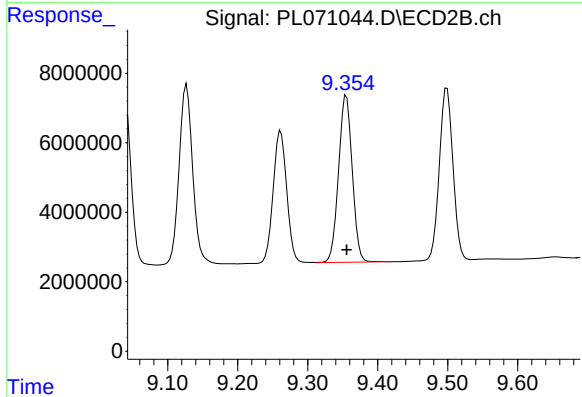
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 26287533
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

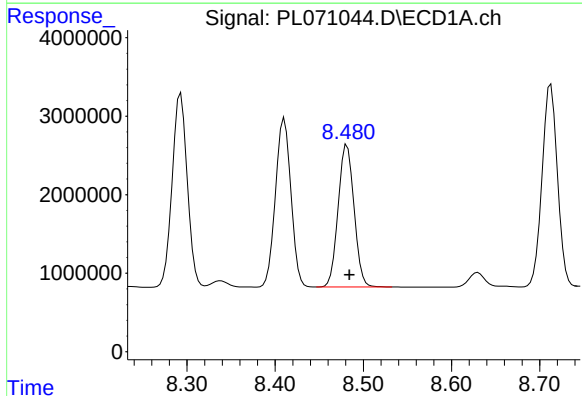
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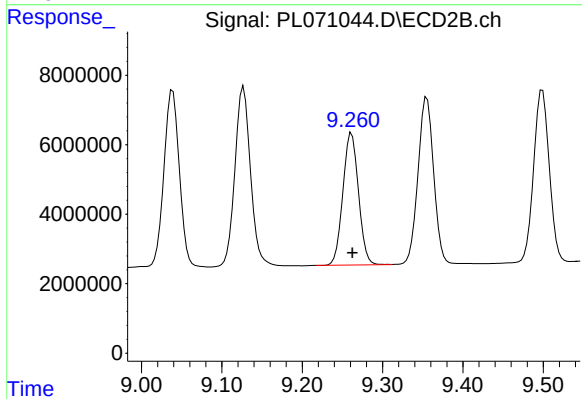
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 65264431
Conc: 51.73 ng/ml



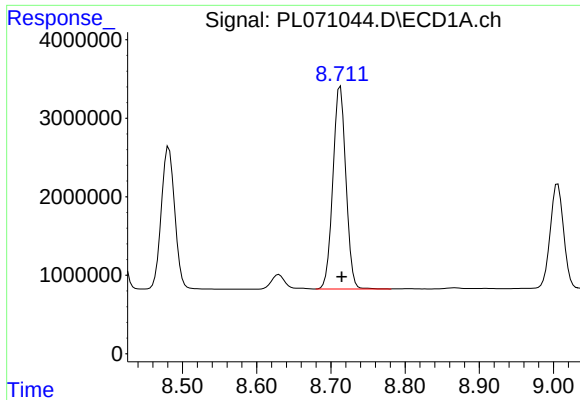
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: -0.003 min
Response: 22726775
Conc: 50.02 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 51289870
Conc: 53.04 ng/ml



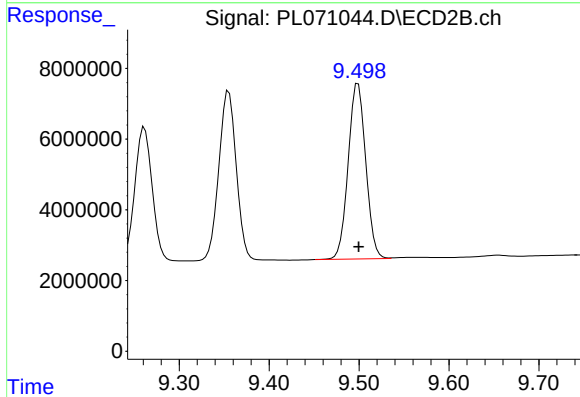
#19 Endosulfan Sulfate

R.T.: 8.713 min
Delta R.T.: -0.002 min
Response: 31514383
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

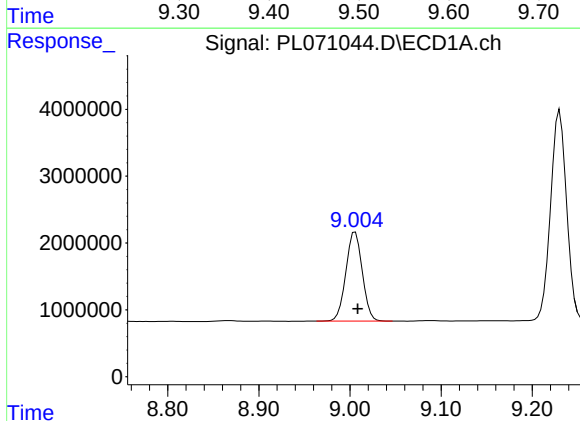
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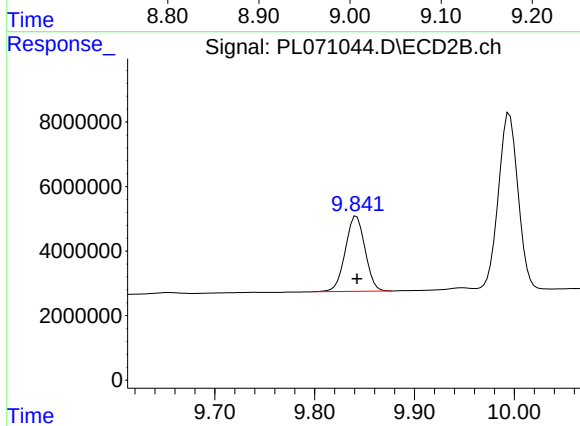
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 67322297
Conc: 54.32 ng/ml



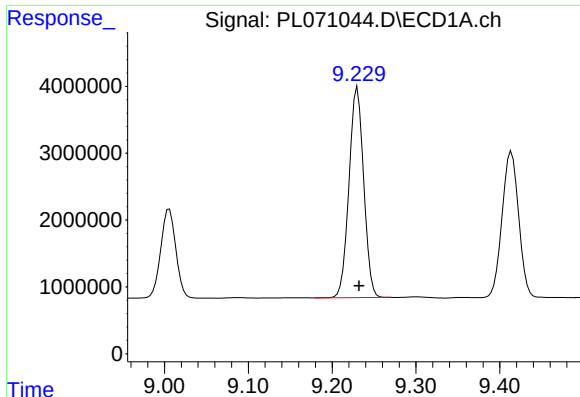
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.004 min
Response: 16696152
Conc: 45.64 ng/ml m



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 31925646
Conc: 47.17 ng/ml



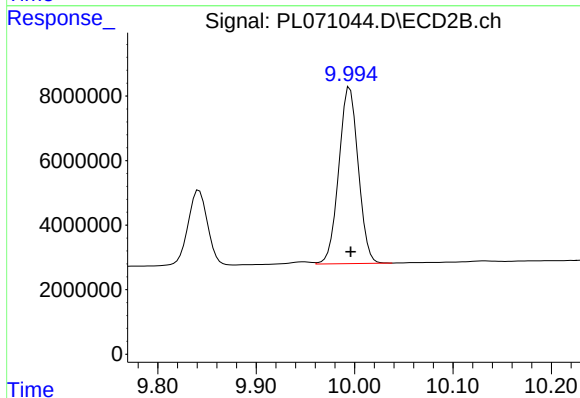
#21 Endrin ketone

R.T.: 9.230 min
Delta R.T.: -0.002 min
Response: 38363897
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

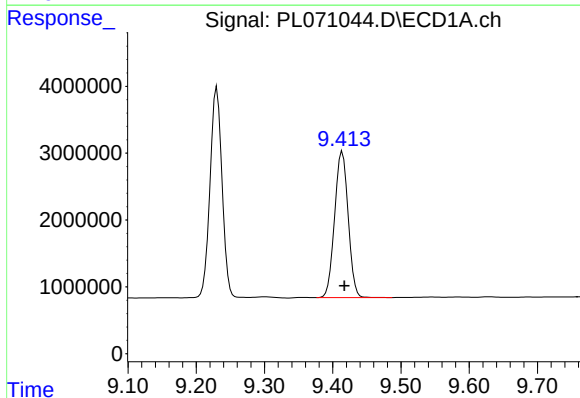
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Supervised By :mohammad ahmed 11/18/2021



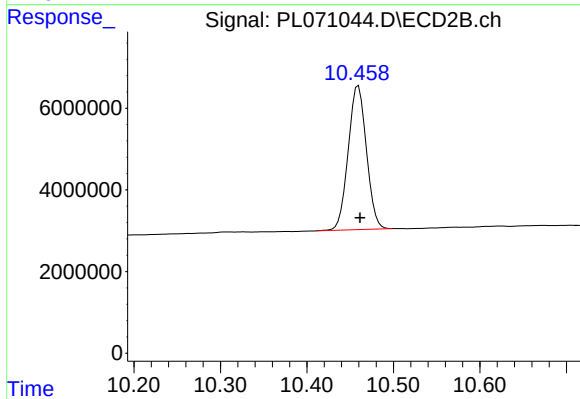
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 75006474
Conc: 52.25 ng/ml



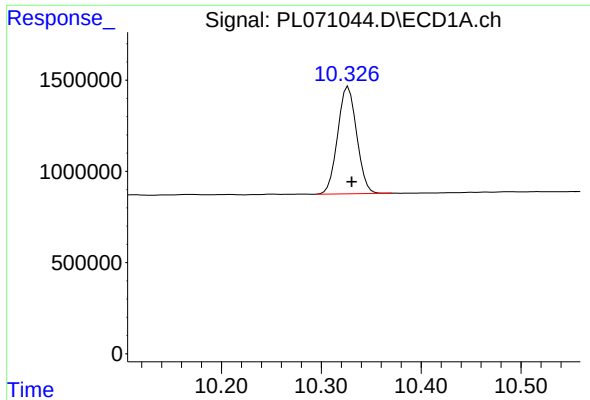
#22 Mirex

R.T.: 9.414 min
Delta R.T.: -0.003 min
Response: 30174698
Conc: 49.13 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.002 min
Response: 51560347
Conc: 49.50 ng/ml



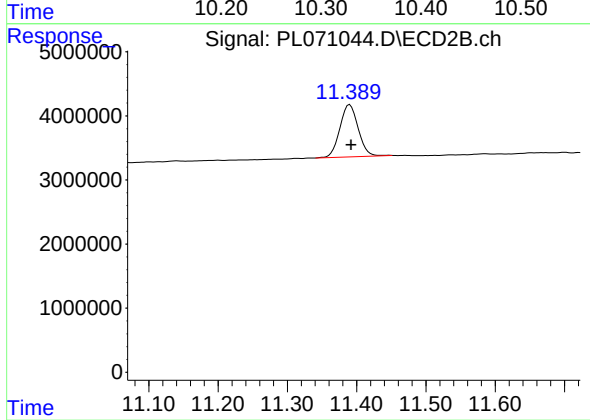
#28 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 7795368
Conc: 11.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 15019980
Conc: 11.23 ng/ml