

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2022 00:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2022
 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:09:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.635	5.490	18937096	101.6E6	58.609	56.956
28)	SA Decachlor...	10.402	11.332	28443701	104.7E6	54.696m	59.263
Target Compounds							
2)	A alpha-BHC	5.343	6.053	24299445	148.7E6	57.902	59.057
3)	MA gamma-BHC...	5.766	6.443	23850113	139.5E6	56.867	58.928
4)	MA Heptachlor	6.177	7.101	24909881	146.6E6	55.299	56.208
5)	MB Aldrin	6.502	7.469	23161971	138.6E6	55.805	59.009
6)	B beta-BHC	6.146	6.679	11865506	63883386	58.071	56.683
7)	B delta-BHC	6.408	6.947	23918584	140.7E6	57.820	57.625
8)	B Heptachlo...	7.077	7.925	23901524	129.5E6	55.723	57.537
9)	A Endosulfan I	7.481	8.326	23112362	118.8E6	56.355	60.321
10)	B gamma-Chl...	7.355	8.194	24377014	130.0E6	55.580	58.295
11)	B alpha-Chl...	7.425	8.276	24586239	127.4E6	55.653	59.196
12)	B 4,4'-DDE	7.638	8.461	20603211	122.8E6	56.475	61.663
13)	MA Dieldrin	7.766	8.611	23510016	120.6E6	54.729m	60.129
14)	MA Endrin	8.058	8.845	21908727	101.6E6	53.931	59.971
15)	B Endosulfa...	8.369	9.070	22196562	98117860	53.854	56.479
16)	A 4,4'-DDD	8.224	8.987	18993062	97079580	58.816	63.096m
17)	MA 4,4'-DDT	8.485	9.306	18647798	94512819	50.449	53.317
18)	B Endrin al...	8.558	9.202	17392019	74034640	53.753	57.319
19)	B Endosulfa...	8.789	9.439	23793167	98532269	55.719	59.203
20)	A Methoxychlor	9.079	9.787	12113786	47902227	48.793	49.802
21)	B Endrin ke...	9.306	9.928	28781216	106.7E6	58.911m	61.648
22)	Mirex	9.493	10.404	25502865	79950203	54.680	58.044

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
Data File : PL074359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2022 00:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

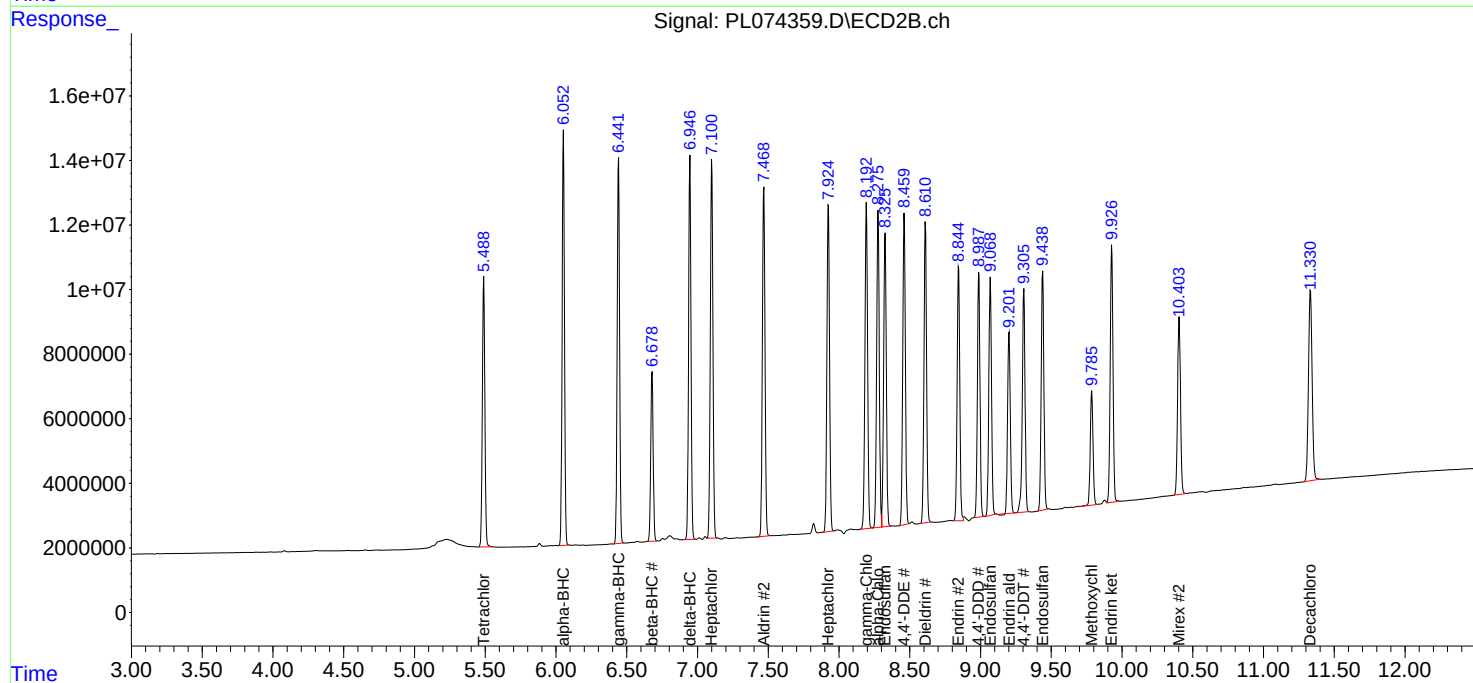
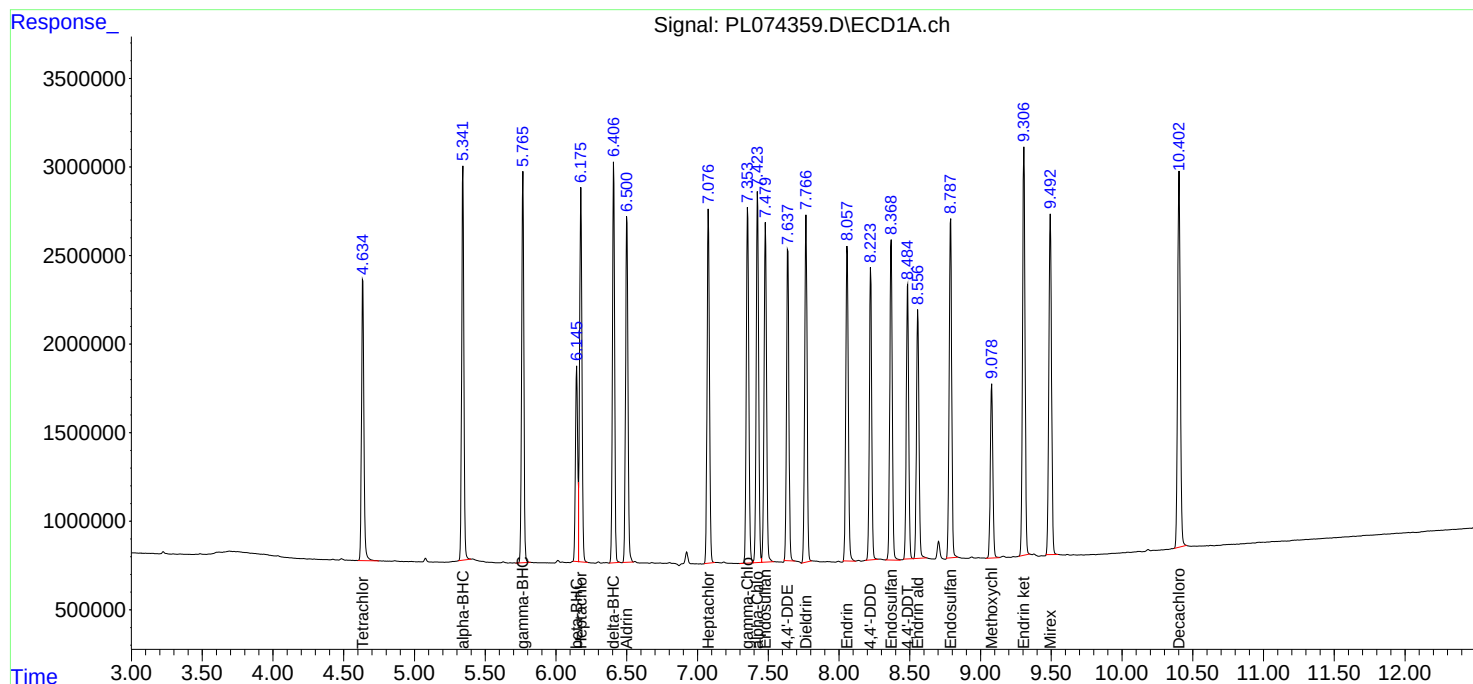
Instrument :
ECD_L
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PSTDCCC050

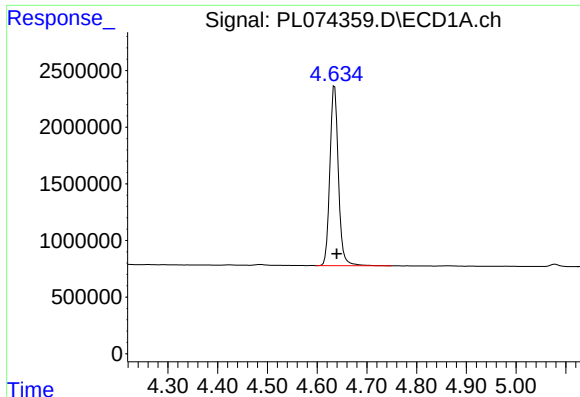
Manual Integrations
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Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:09:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
Response via : Initial Calibration
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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





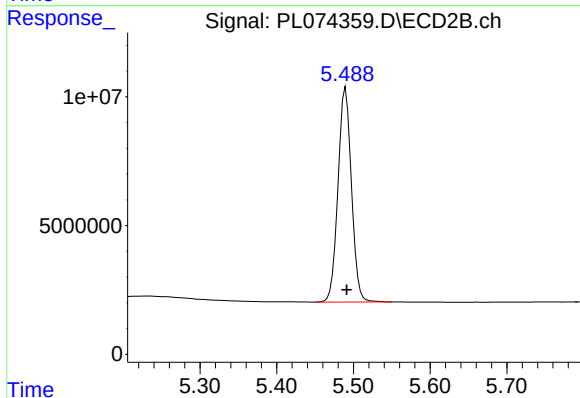
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 18937096
Conc: 58.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

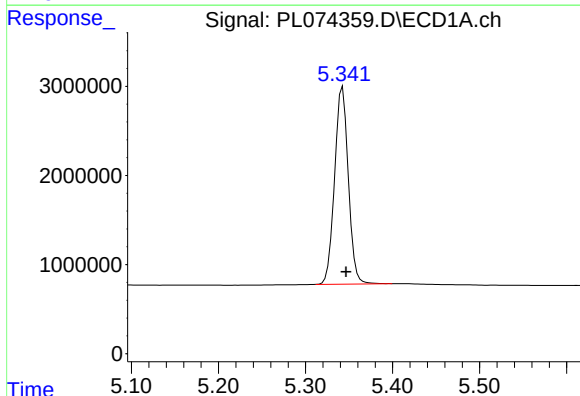
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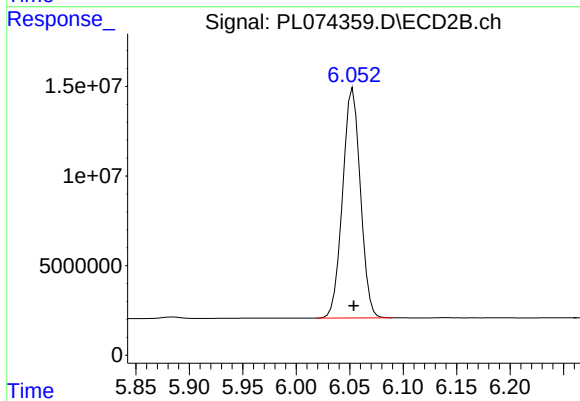
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 101550679
Conc: 56.96 ng/ml



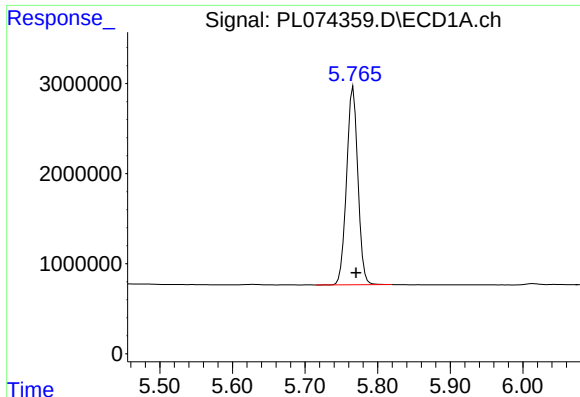
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 24299445
Conc: 57.90 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 148709616
Conc: 59.06 ng/ml



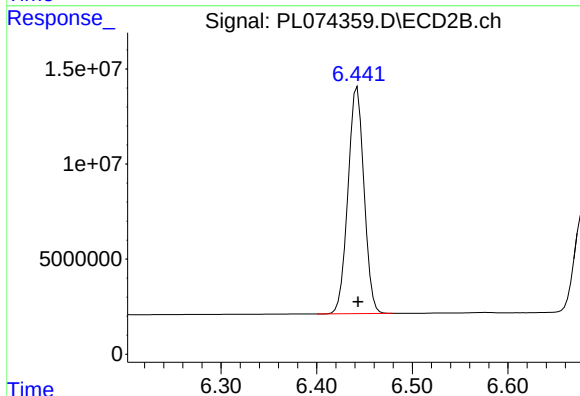
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 23850113
Conc: 56.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

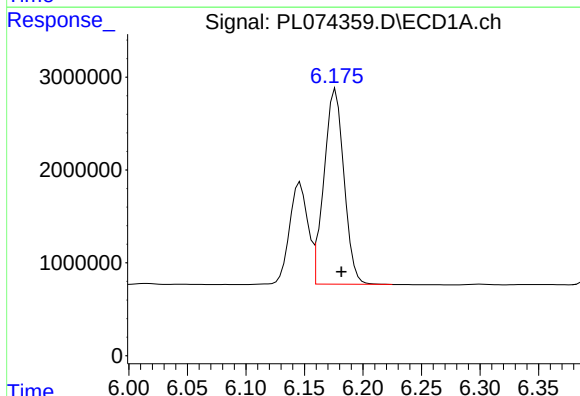
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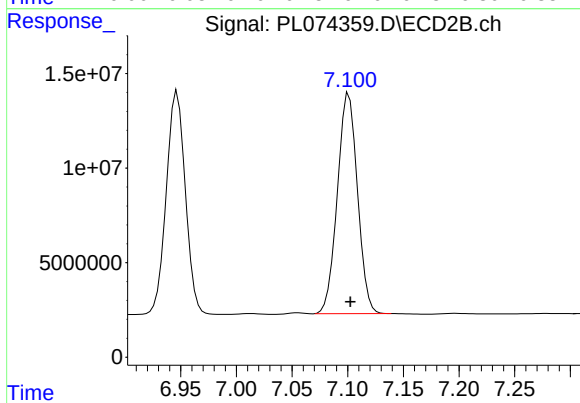
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 139488850
Conc: 58.93 ng/ml



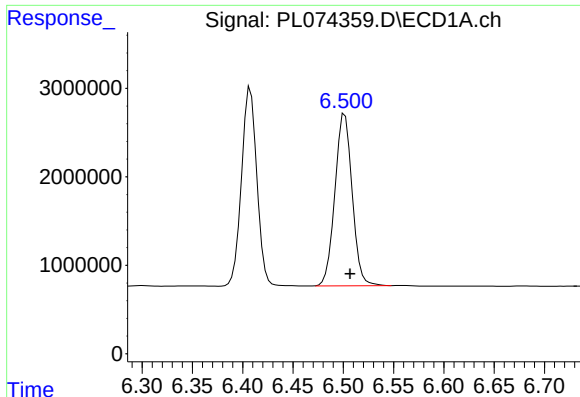
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 24909881
Conc: 55.30 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 146614354
Conc: 56.21 ng/ml



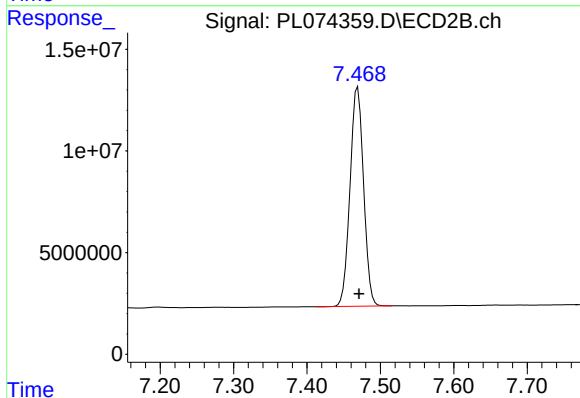
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 23161971
Conc: 55.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

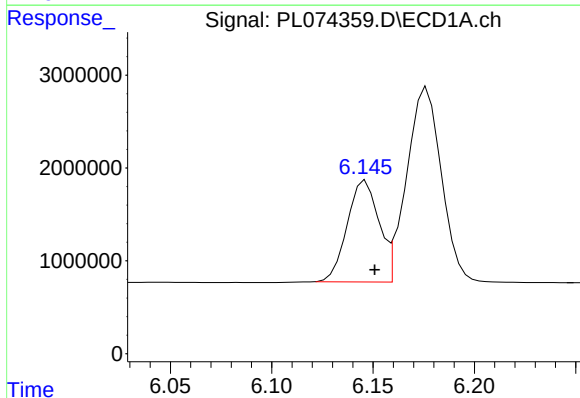
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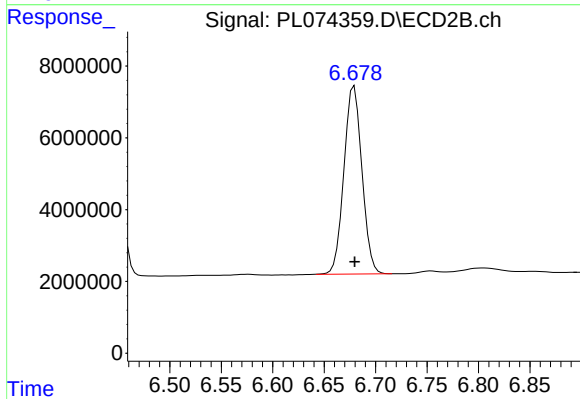
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 138589408
Conc: 59.01 ng/ml



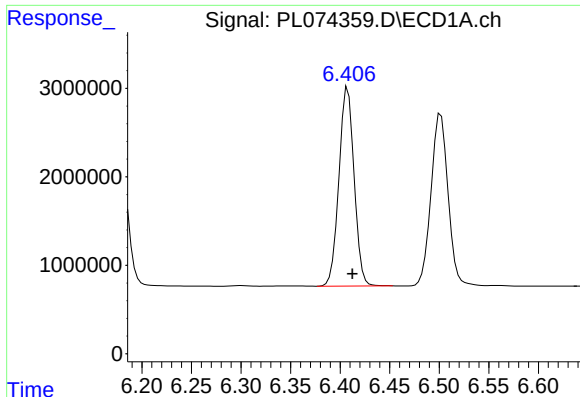
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 11865506
Conc: 58.07 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 63883386
Conc: 56.68 ng/ml



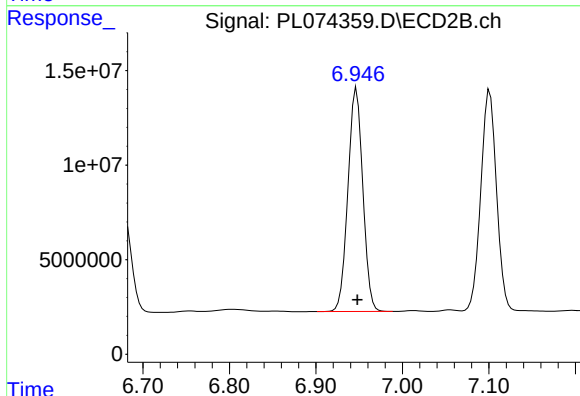
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 23918584
Conc: 57.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

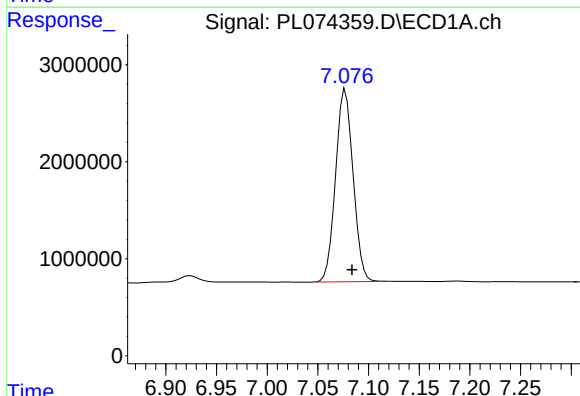
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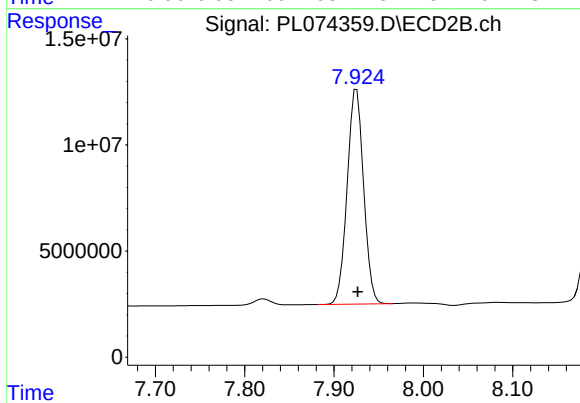
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 140736649
Conc: 57.63 ng/ml



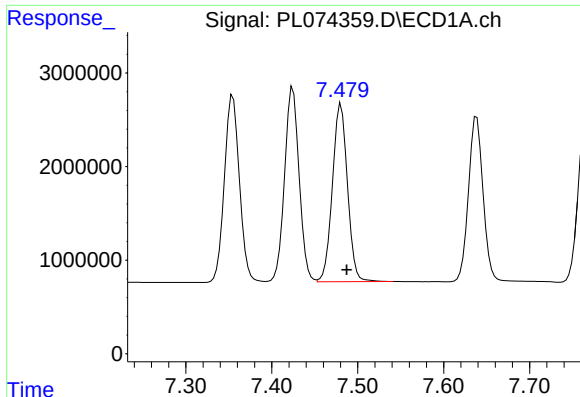
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 23901524
Conc: 55.72 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 129548680
Conc: 57.54 ng/ml



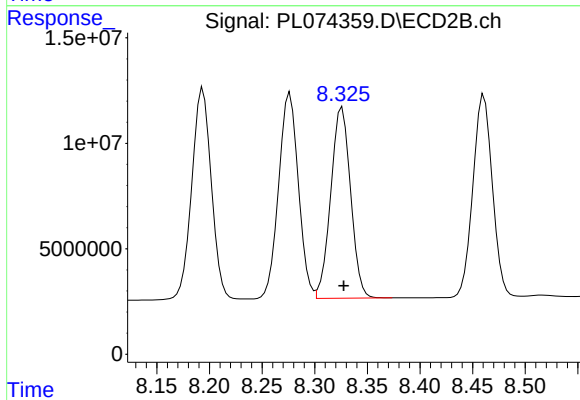
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.007 min
Response: 23112362
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

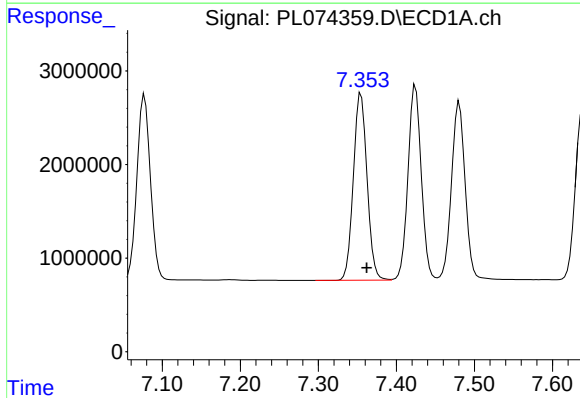
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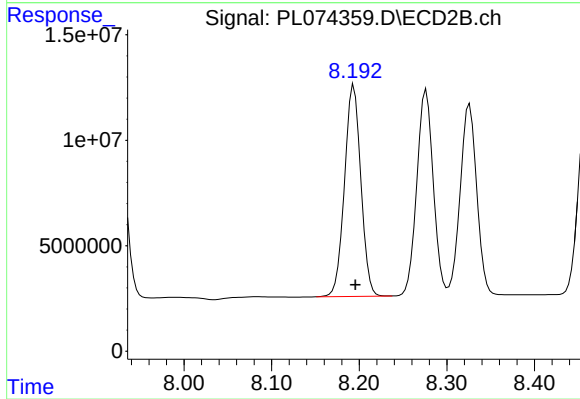
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 118751950
Conc: 60.32 ng/ml



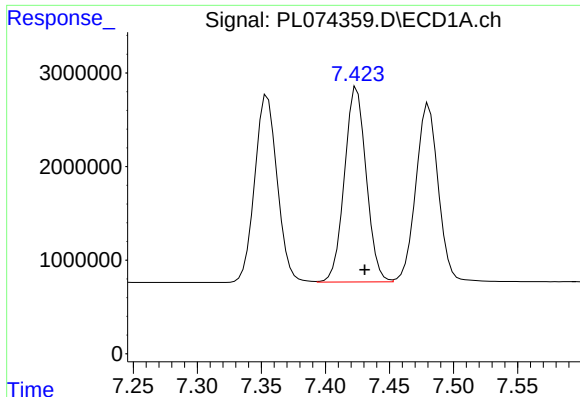
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 24377014
Conc: 55.58 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 130017410
Conc: 58.29 ng/ml



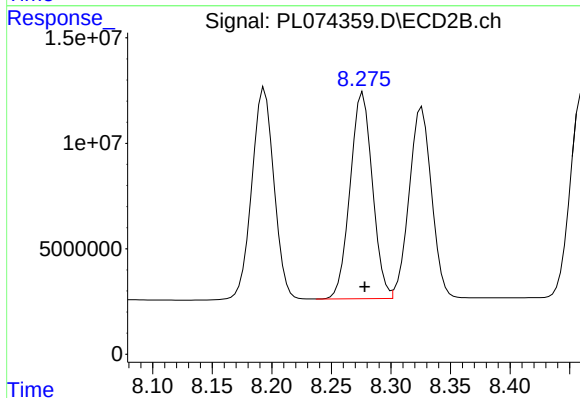
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 24586239
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

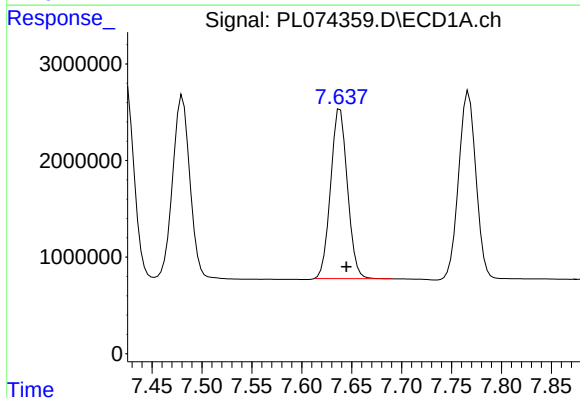
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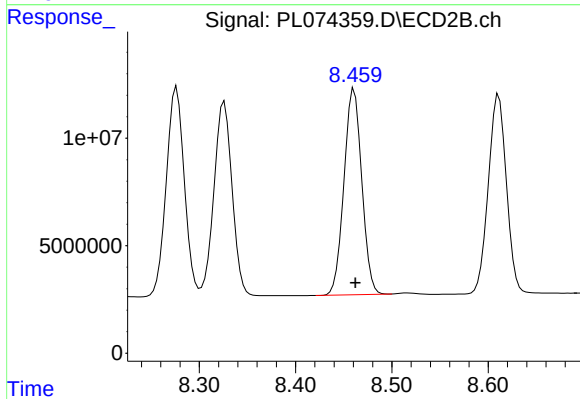
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 127424281
Conc: 59.20 ng/ml



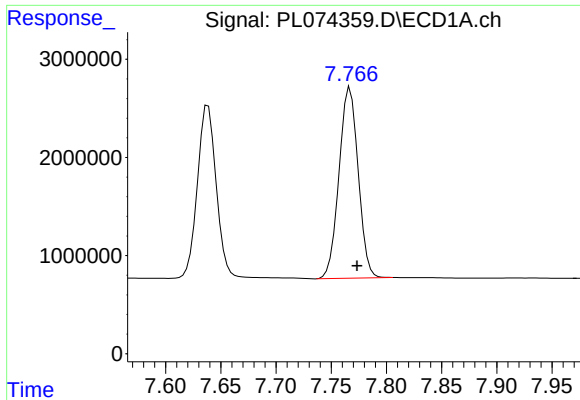
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 20603211
Conc: 56.48 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 122814157
Conc: 61.66 ng/ml



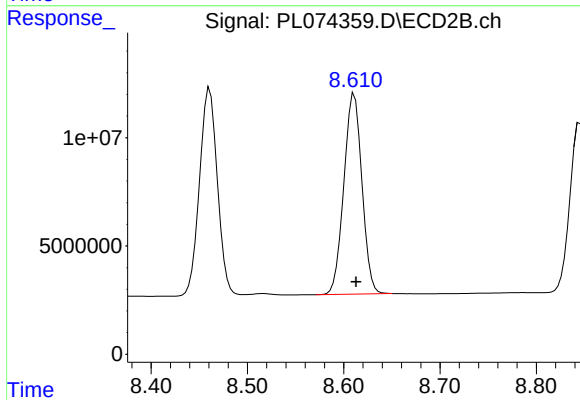
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 23510016
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

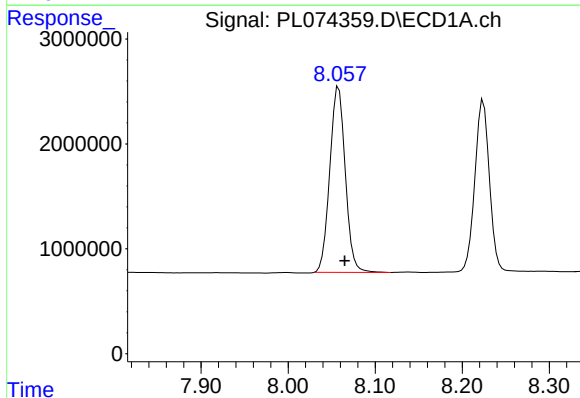
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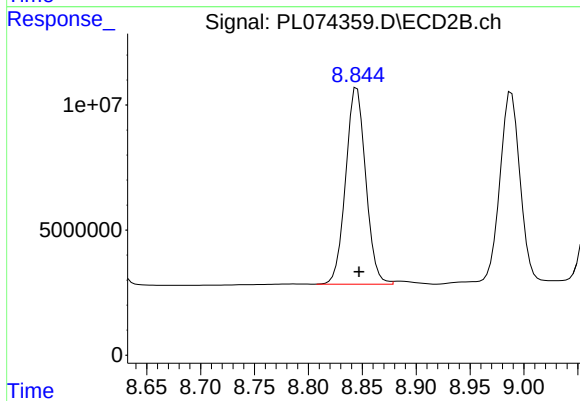
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 120576535
Conc: 60.13 ng/ml



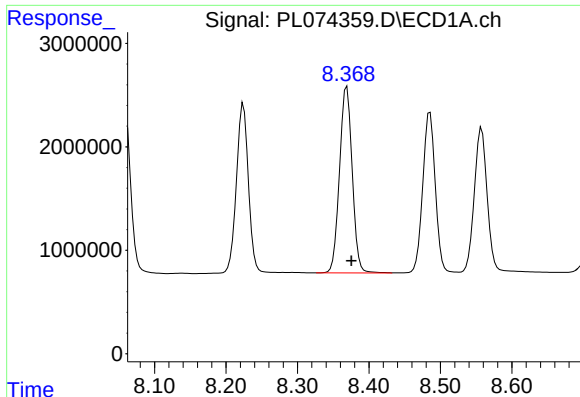
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 21908727
Conc: 53.93 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 101570640
Conc: 59.97 ng/ml



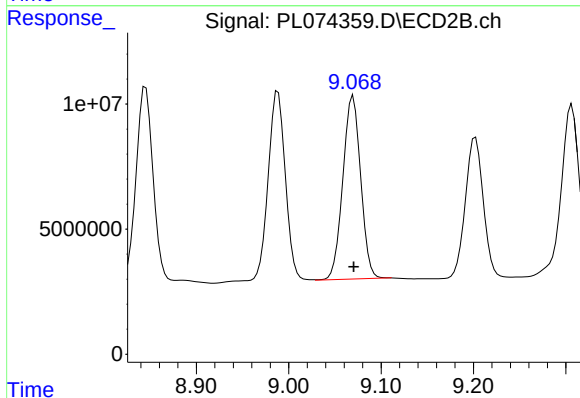
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 22196562
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

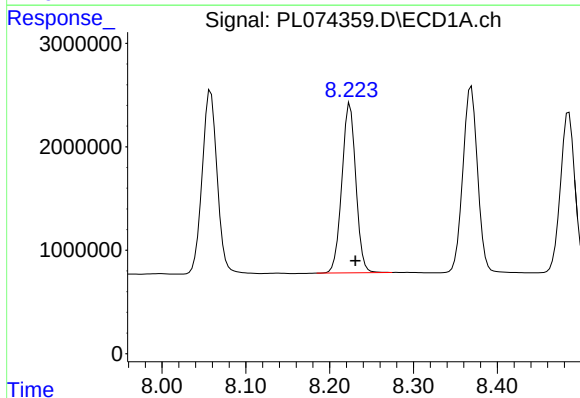
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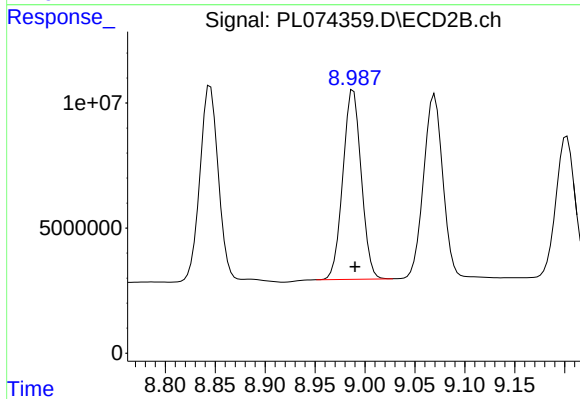
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 98117860
Conc: 56.48 ng/ml



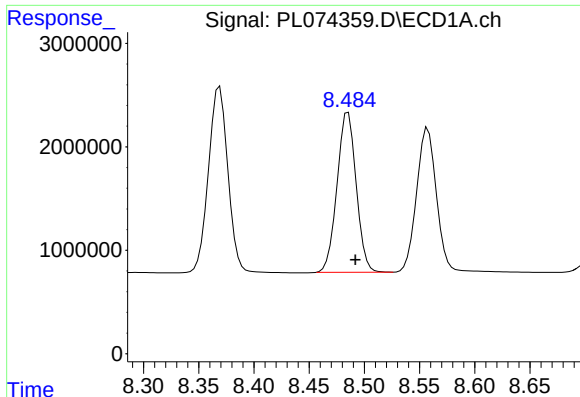
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 18993062
Conc: 58.82 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 97079580
Conc: 63.10 ng/ml m



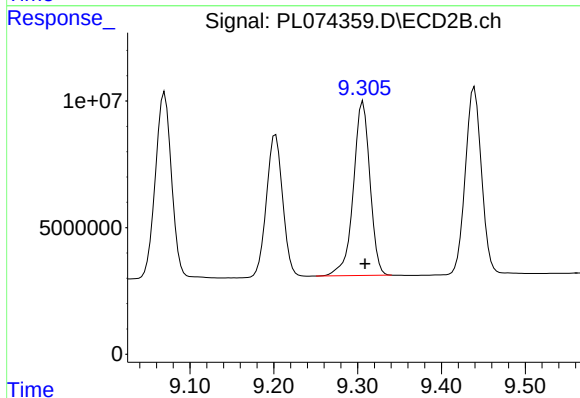
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 18647798
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

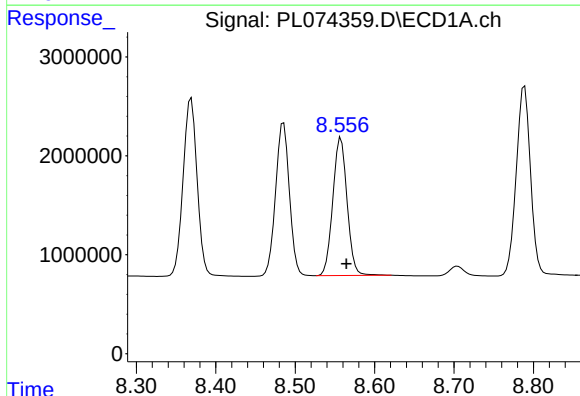
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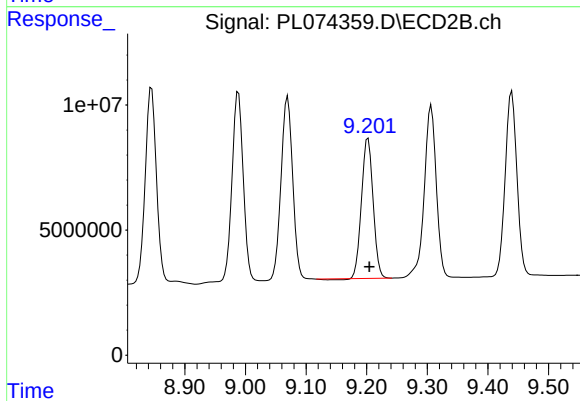
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 94512819
Conc: 53.32 ng/ml



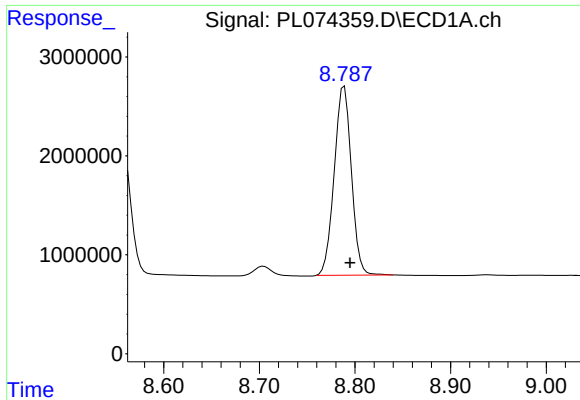
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 17392019
Conc: 53.75 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 74034640
Conc: 57.32 ng/ml



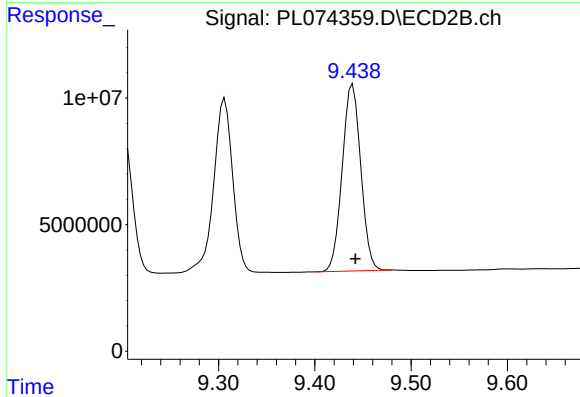
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 23793167
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

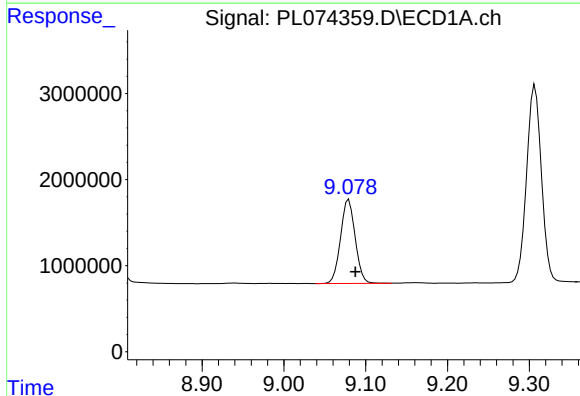
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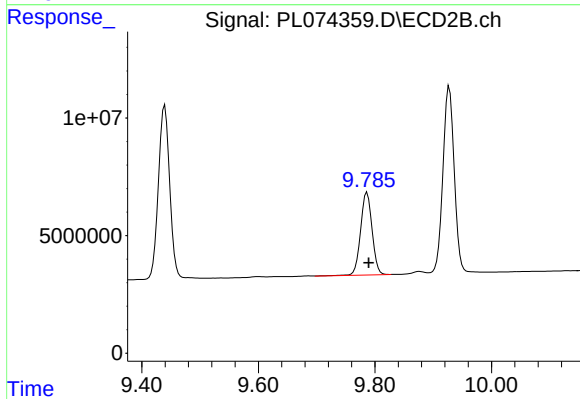
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 98532269
Conc: 59.20 ng/ml



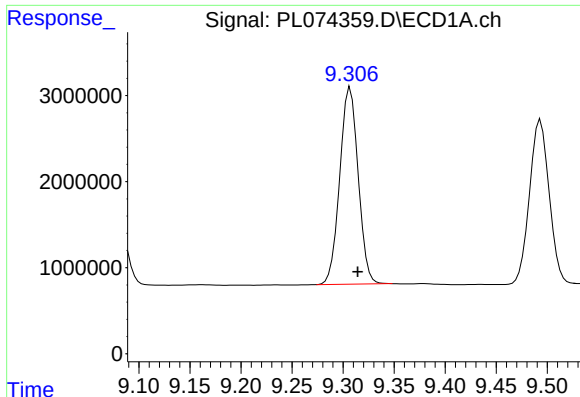
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 12113786
Conc: 48.79 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 47902227
Conc: 49.80 ng/ml



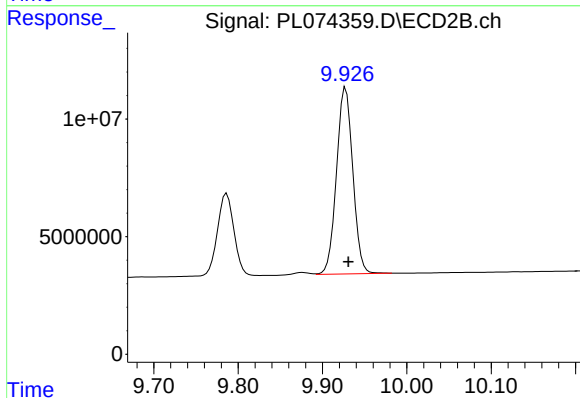
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.009 min
Response: 28781216
Conc: 58.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

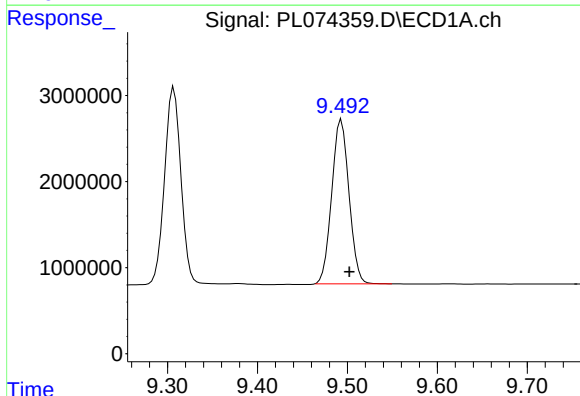
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Supervised By :mohammad ahmed 04/26/2022



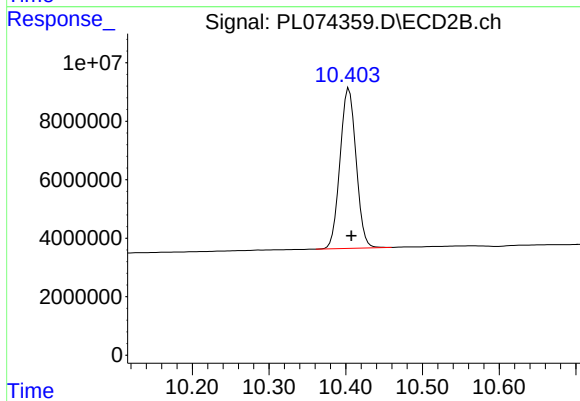
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 106708638
Conc: 61.65 ng/ml



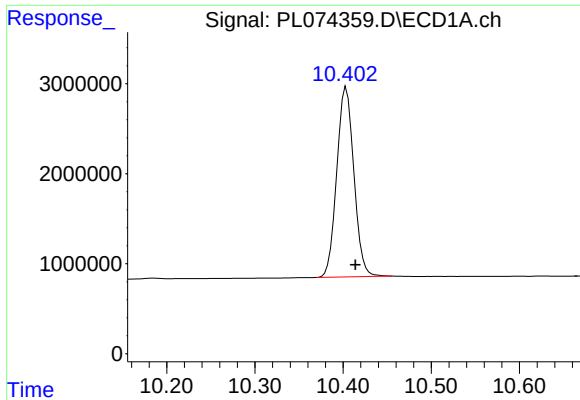
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 25502865
Conc: 54.68 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 79950203
Conc: 58.04 ng/ml



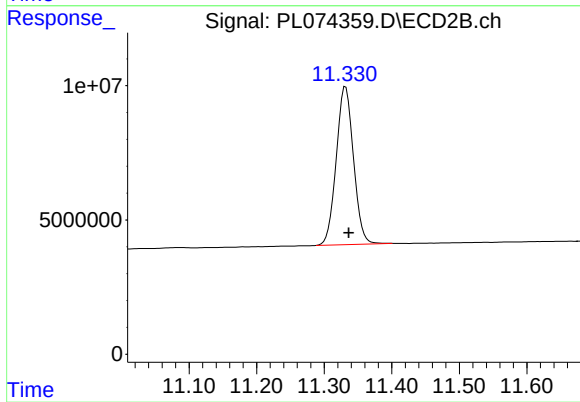
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 28443701
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 104675792
Conc: 59.26 ng/ml