

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 09:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:31:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.641	5.492	15085869	88337884	47.101	53.824
28) SA Decachlor...	10.417	11.337	22335825	76836501	43.925	42.969
Target Compounds						
2) A alpha-BHC	5.350	6.056	19595770	126.3E6	47.539	56.127
3) MA gamma-BHC...	5.773	6.445	19959448	117.5E6	47.849	55.025
4) MA Heptachlor	6.184	7.104	20615754	126.2E6	45.691	53.872
5) MB Aldrin	6.510	7.472	18933466	114.3E6	45.825	54.556
6) B beta-BHC	6.154	6.681	9742590	53272263	47.318	51.107
7) B delta-BHC	6.415	6.949	19173973	116.5E6	47.738	54.113
8) B Heptachlo...	7.087	7.928	19329380	105.5E6	44.850	52.808
9) A Endosulfan I	7.490	8.329	18488854	94412985	45.071	51.722
10) B gamma-Chl...	7.365	8.195	19691227	105.9E6	45.029	51.866m
11) B alpha-Chl...	7.435	8.279	19891179	103.6E6	45.010	51.795
12) B 4,4'-DDE	7.649	8.464	16375425	94744658	45.635	52.860
13) MA Dieldrin	7.777	8.614	18707838	95760472	44.903	51.910
14) MA Endrin	8.069	8.847	18308589	80248543	47.187	52.129m
15) B Endosulfa...	8.379	9.073	17392831	75611335	44.497	49.231
16) A 4,4'-DDD	8.234	8.991	14714884	77273272	45.313	52.937
17) MA 4,4'-DDT	8.495	9.310	17007208	82711852	44.971	50.603
18) B Endrin al...	8.568	9.204	14125237	60191315	44.665	49.083m
19) B Endosulfa...	8.799	9.443	18658361	75928921	44.170	48.176
20) A Methoxychlor	9.092	9.789	11114938	41904869	43.327	46.505
21) B Endrin ke...	9.318	9.931	21853042	78391411	44.669	47.493
22) Mirex	9.506	10.408	20386026	62994696	43.231	46.372

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
Data File : PL073772.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2022 09:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

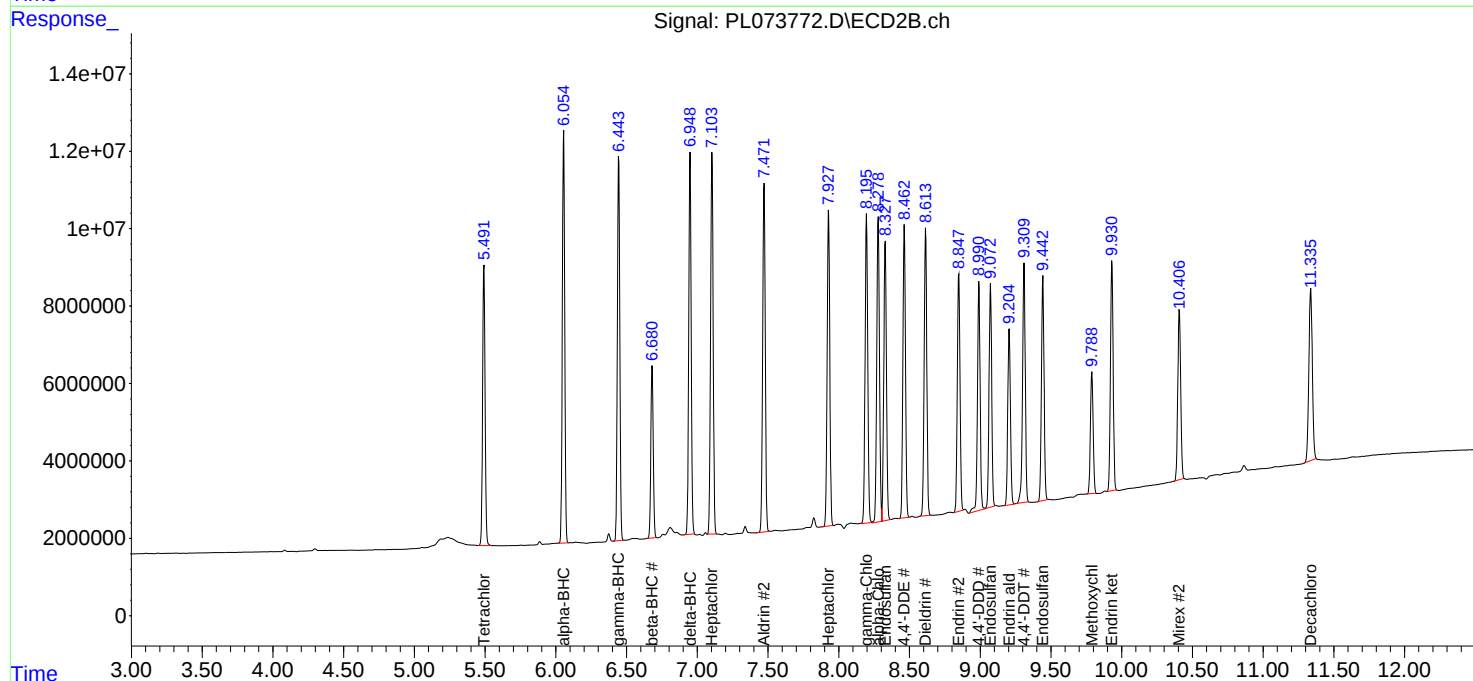
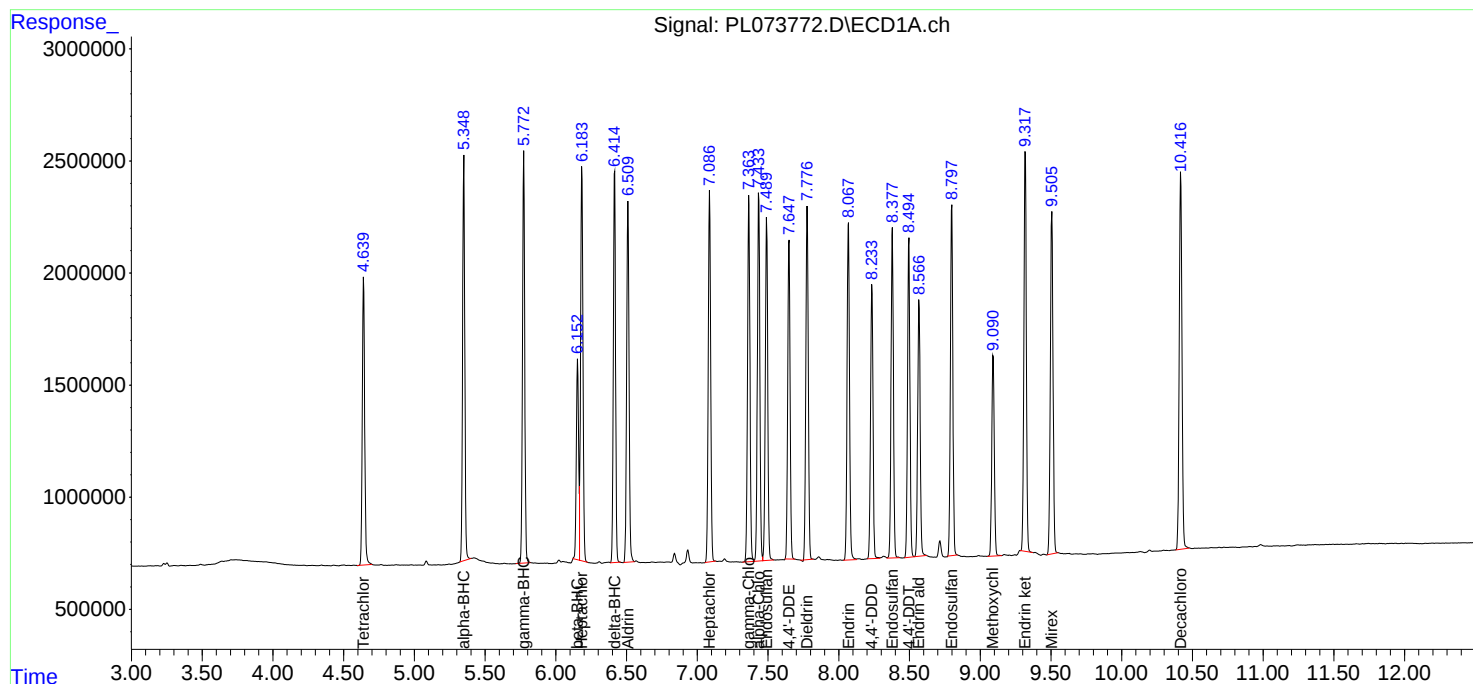
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

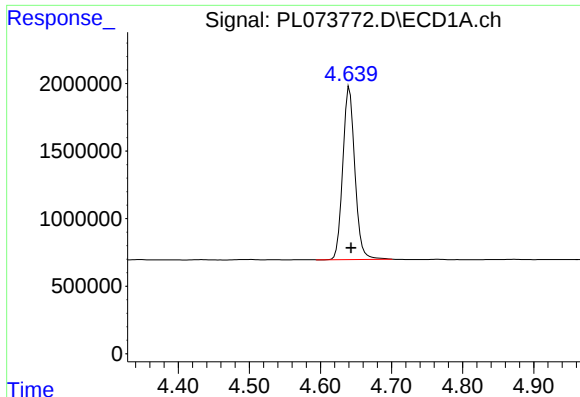
Manual Integrations
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Reviewed By :Abdul Mirza 04/04/2022
Supervised By :mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 23:31:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 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





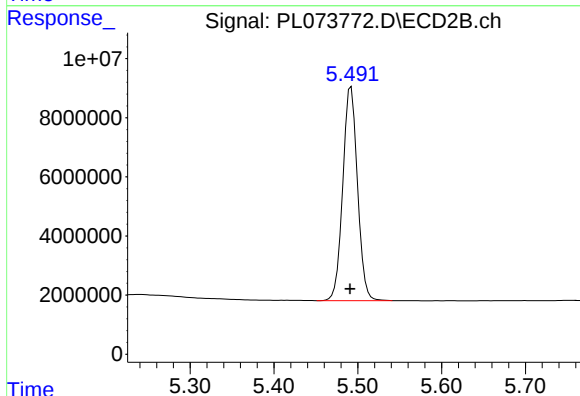
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 15085869
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

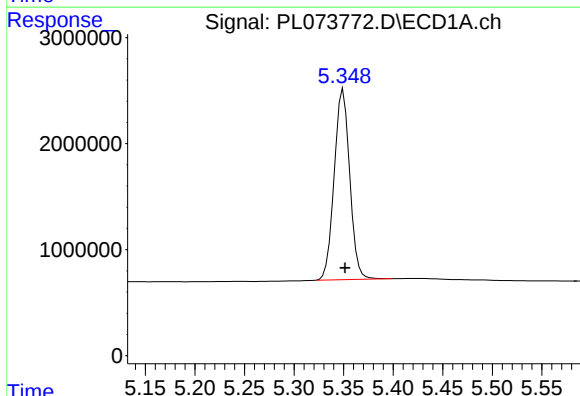
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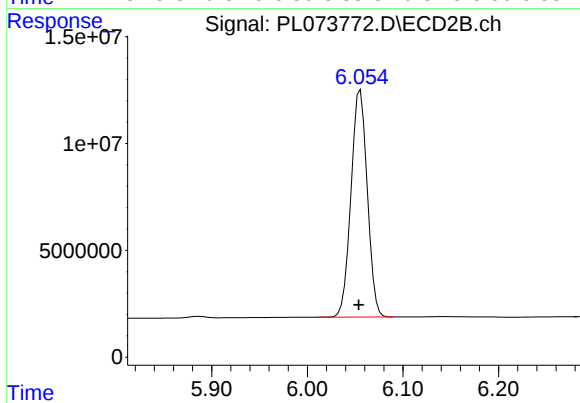
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 88337884
Conc: 53.82 ng/ml



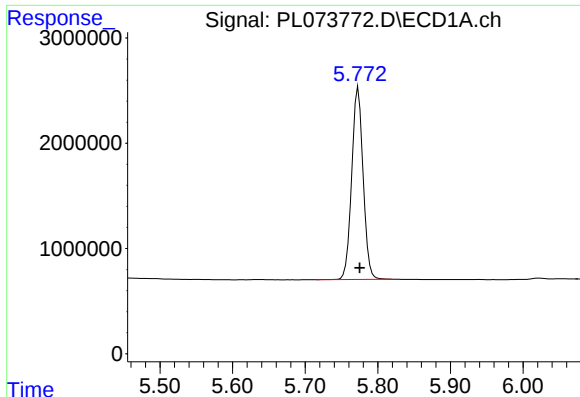
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 19595770
Conc: 47.54 ng/ml



#2 alpha-BHC

R.T.: 6.056 min
Delta R.T.: 0.002 min
Response: 126266859
Conc: 56.13 ng/ml



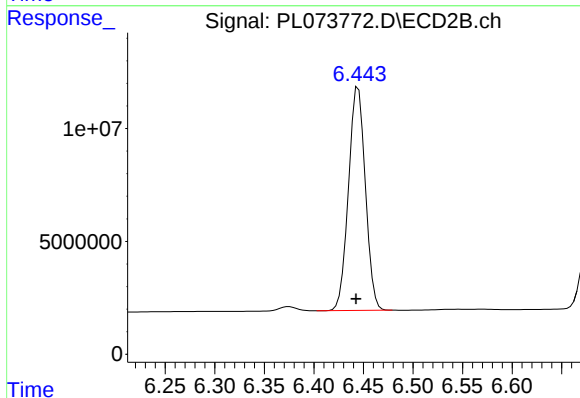
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 19959448
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

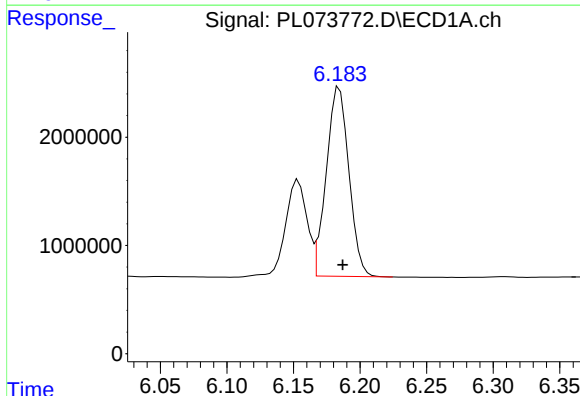
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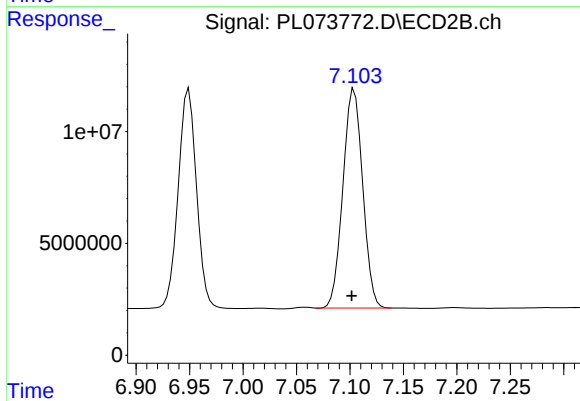
#3 gamma-BHC (Lindane)

R.T.: 6.445 min
Delta R.T.: 0.002 min
Response: 117483255
Conc: 55.03 ng/ml



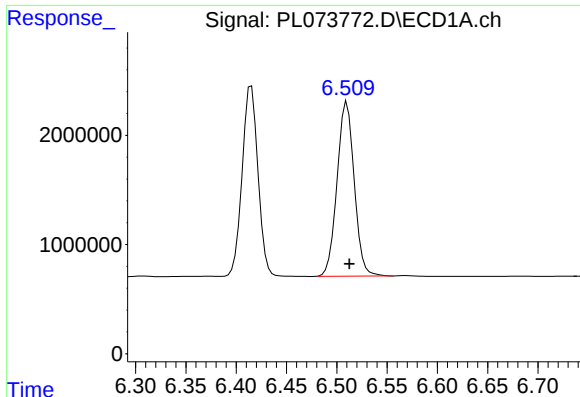
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.002 min
Response: 20615754
Conc: 45.69 ng/ml



#4 Heptachlor

R.T.: 7.104 min
Delta R.T.: 0.003 min
Response: 126227346
Conc: 53.87 ng/ml



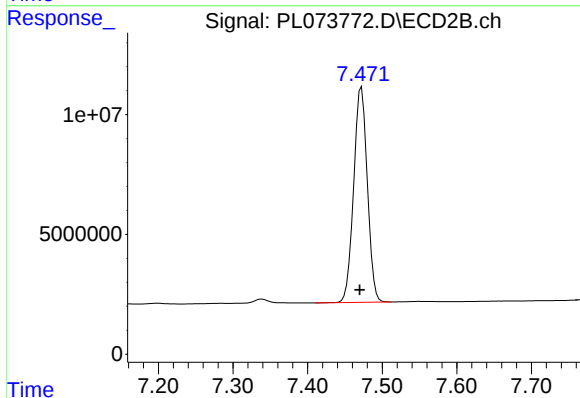
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 18933466
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

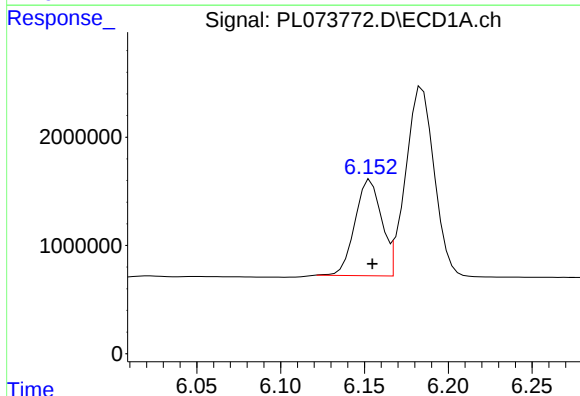
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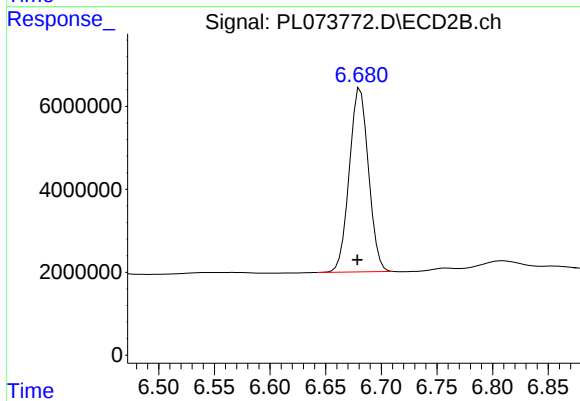
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 114294525
Conc: 54.56 ng/ml



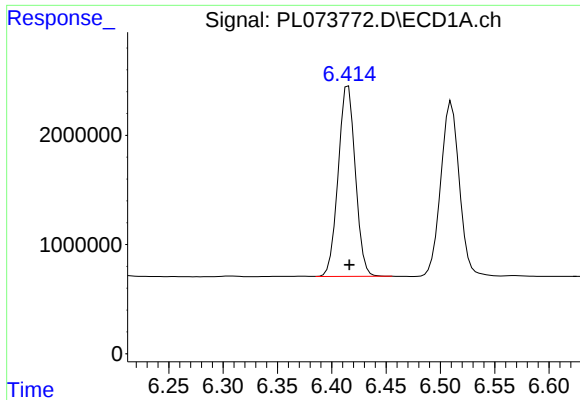
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 9742590
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 53272263
Conc: 51.11 ng/ml



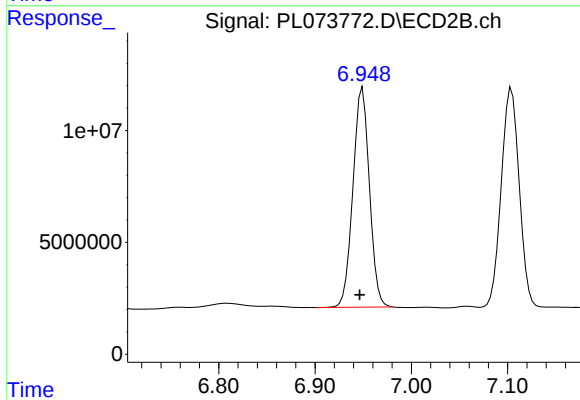
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 19173973
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

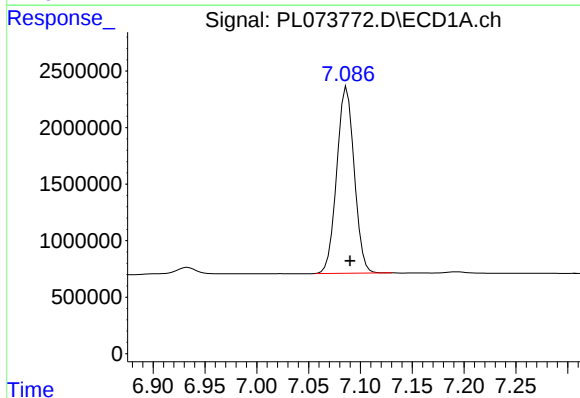
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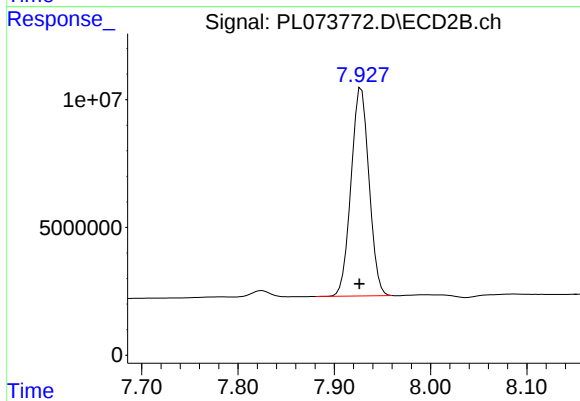
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.003 min
Response: 116536729
Conc: 54.11 ng/ml



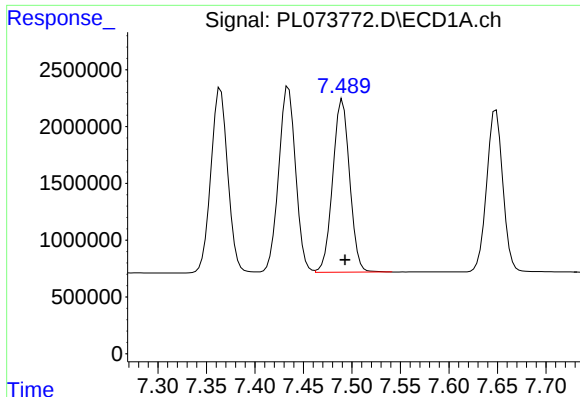
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 19329380
Conc: 44.85 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 105474413
Conc: 52.81 ng/ml



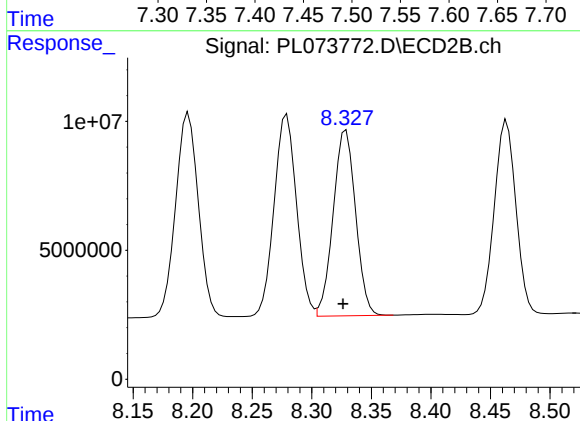
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 18488854
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

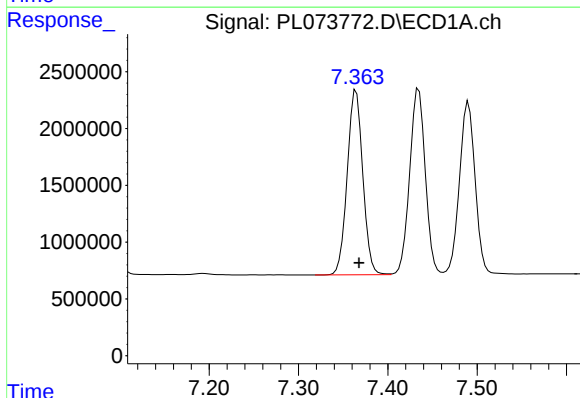
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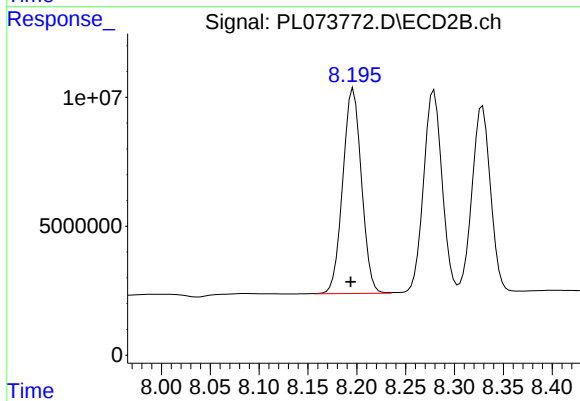
#9 Endosulfan I

R.T.: 8.329 min
Delta R.T.: 0.002 min
Response: 94412985
Conc: 51.72 ng/ml



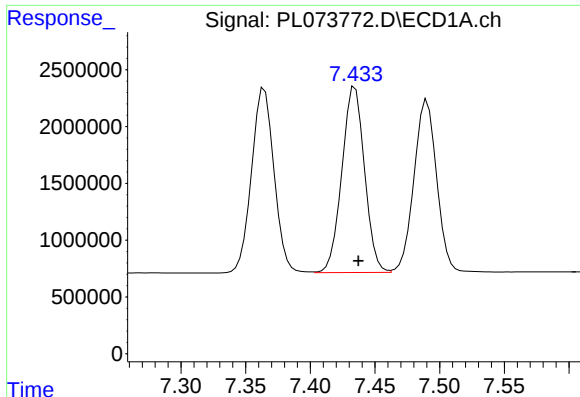
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 19691227
Conc: 45.03 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 105930886
Conc: 51.87 ng/ml m



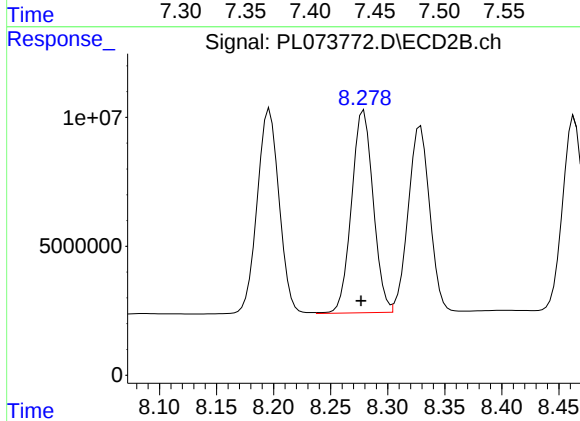
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 19891179
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

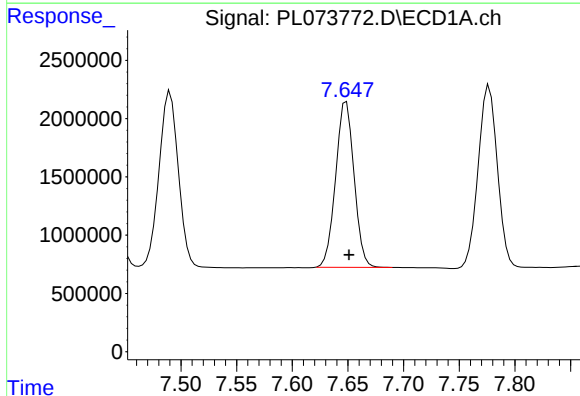
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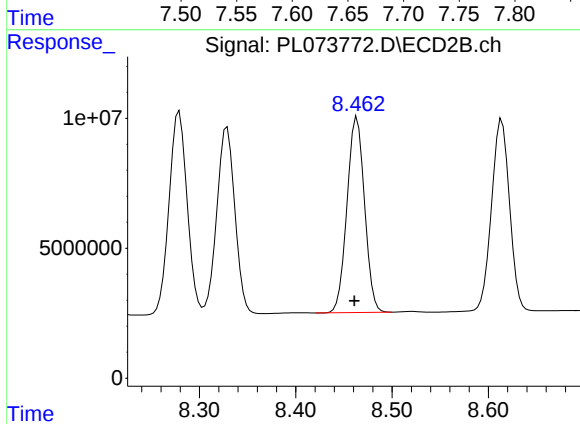
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 103590586
Conc: 51.80 ng/ml



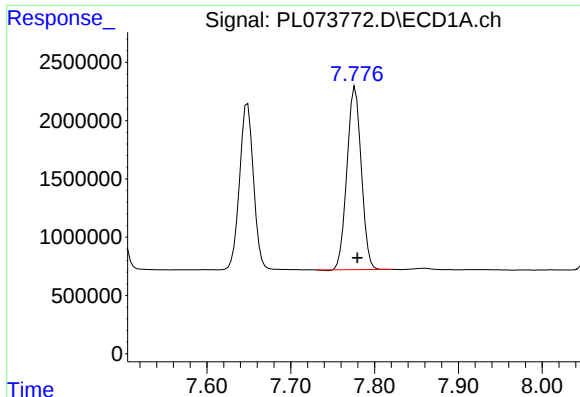
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 16375425
Conc: 45.63 ng/ml



#12 4,4'-DDE

R.T.: 8.464 min
Delta R.T.: 0.003 min
Response: 94744658
Conc: 52.86 ng/ml



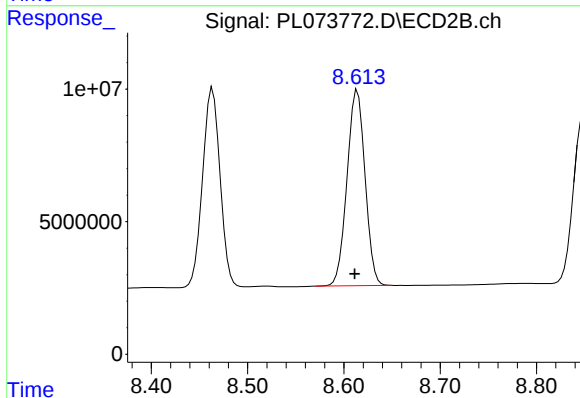
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 18707838
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

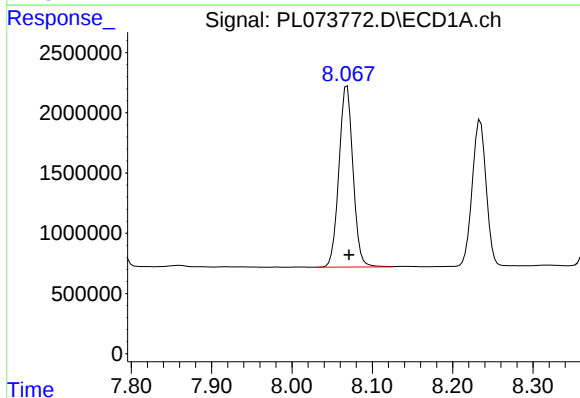
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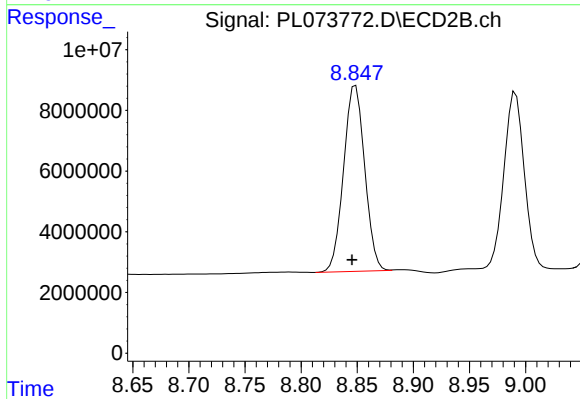
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 95760472
Conc: 51.91 ng/ml



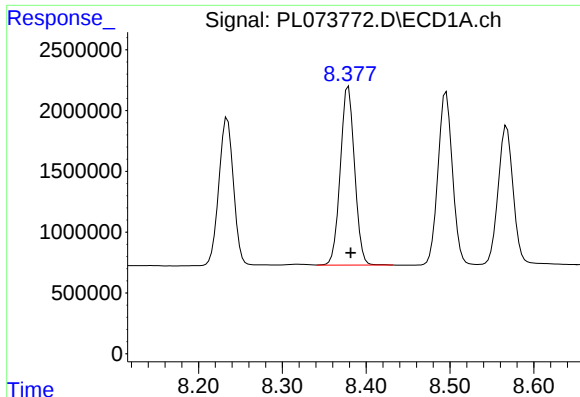
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 18308589
Conc: 47.19 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 80248543
Conc: 52.13 ng/ml m



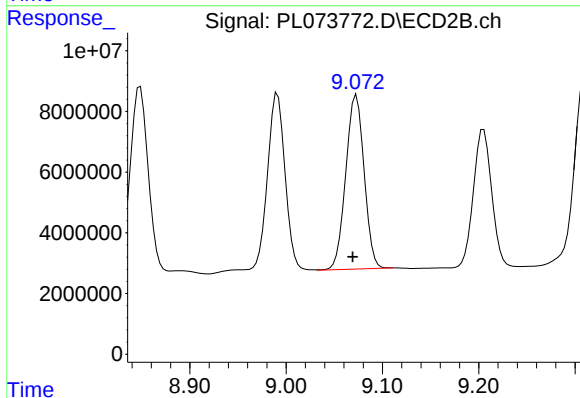
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 17392831
Conc: 44.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

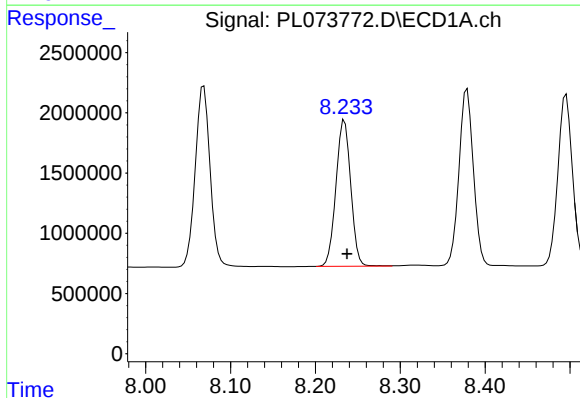
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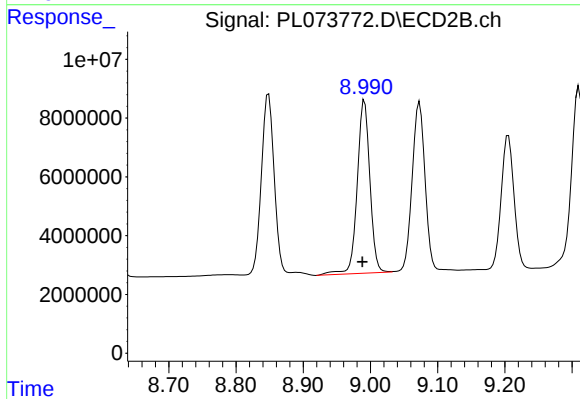
#15 Endosulfan II

R.T.: 9.073 min
Delta R.T.: 0.004 min
Response: 75611335
Conc: 49.23 ng/ml



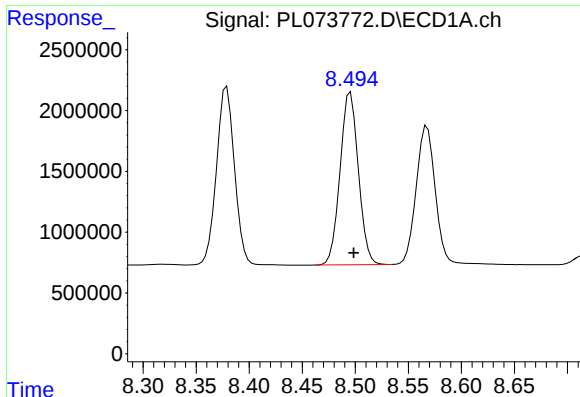
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 14714884
Conc: 45.31 ng/ml



#16 4,4'-DDD

R.T.: 8.991 min
Delta R.T.: 0.003 min
Response: 77273272
Conc: 52.94 ng/ml



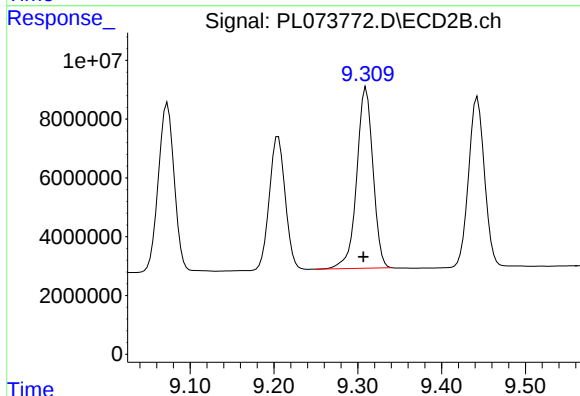
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 17007208
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

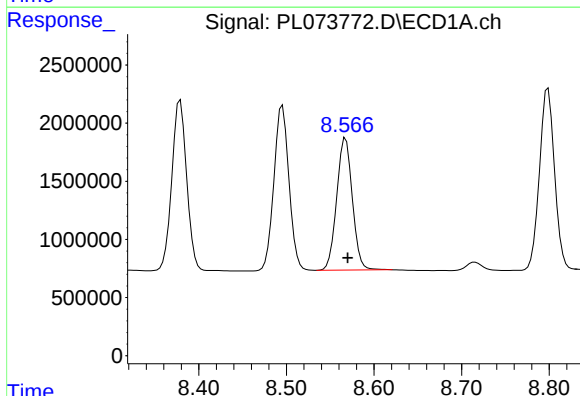
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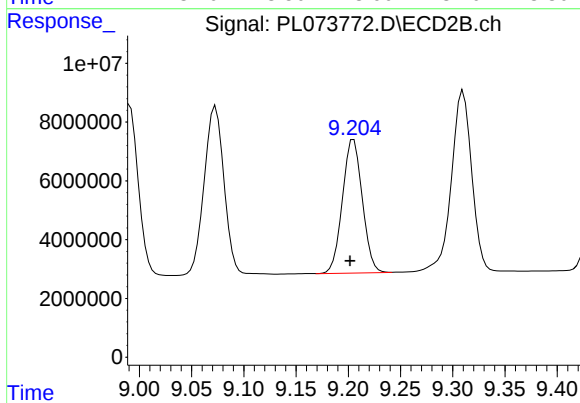
#17 4,4'-DDT

R.T.: 9.310 min
Delta R.T.: 0.004 min
Response: 82711852
Conc: 50.60 ng/ml



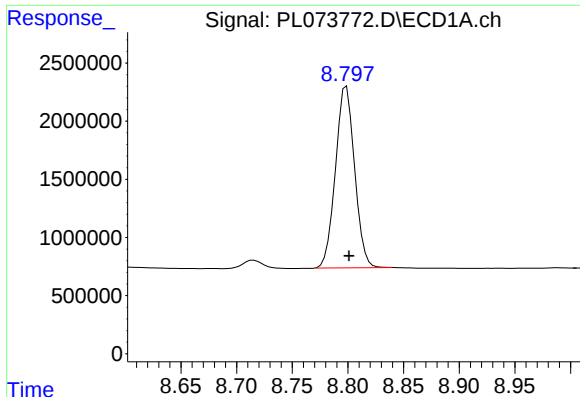
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 14125237
Conc: 44.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.002 min
Response: 60191315
Conc: 49.08 ng/ml m



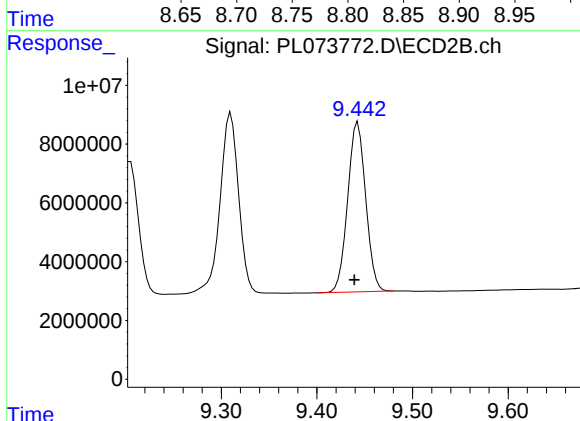
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 18658361
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

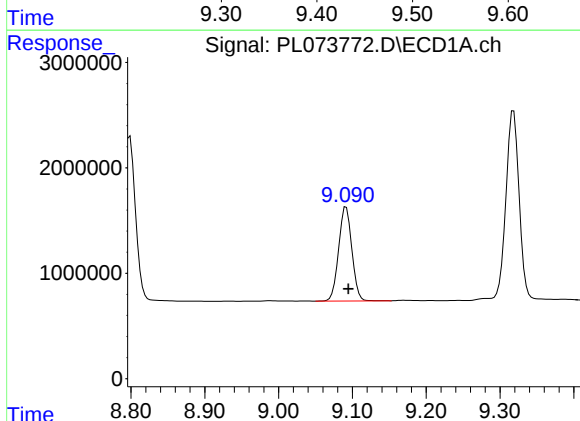
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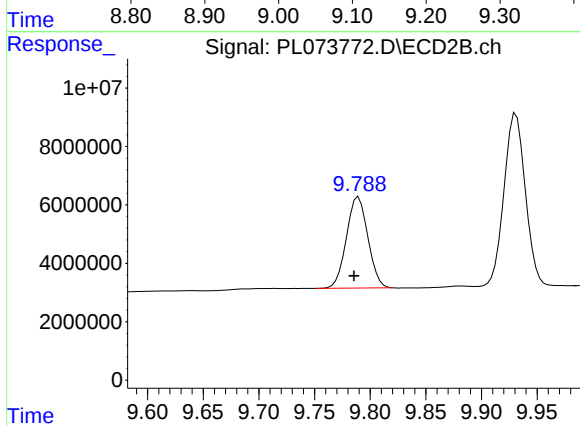
#19 Endosulfan Sulfate

R.T.: 9.443 min
Delta R.T.: 0.004 min
Response: 75928921
Conc: 48.18 ng/ml



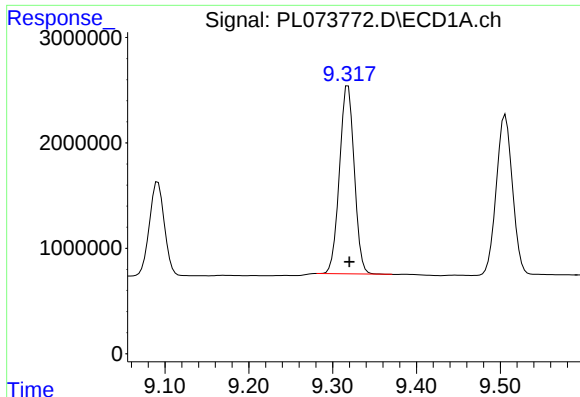
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 11114938
Conc: 43.33 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.004 min
Response: 41904869
Conc: 46.51 ng/ml



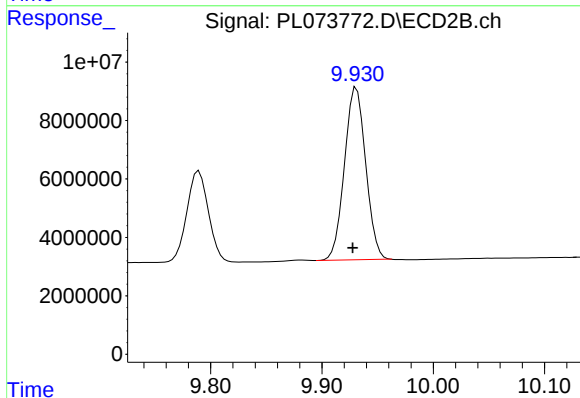
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 21853042
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

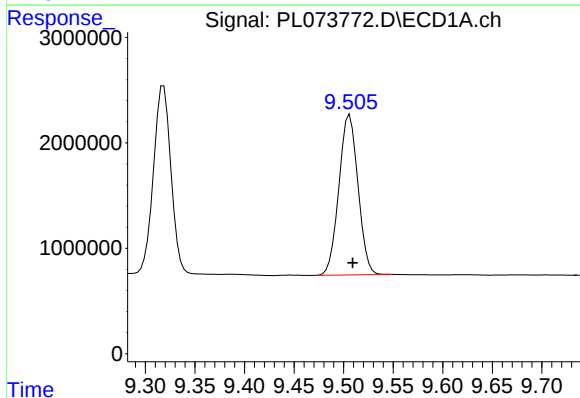
Manual Integrations
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Reviewed By :Abdul Mirza 04/04/2022
Supervised By :mohammad ahmed 04/04/2022



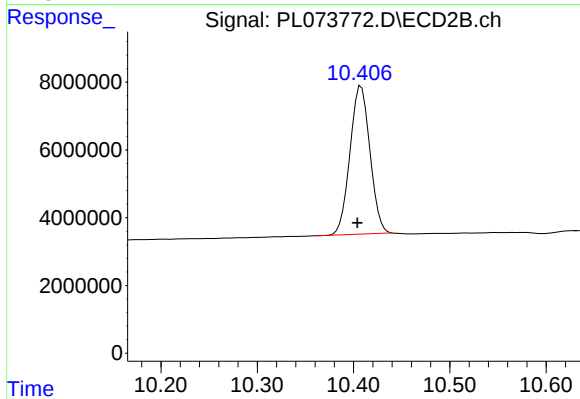
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.003 min
Response: 78391411
Conc: 47.49 ng/ml



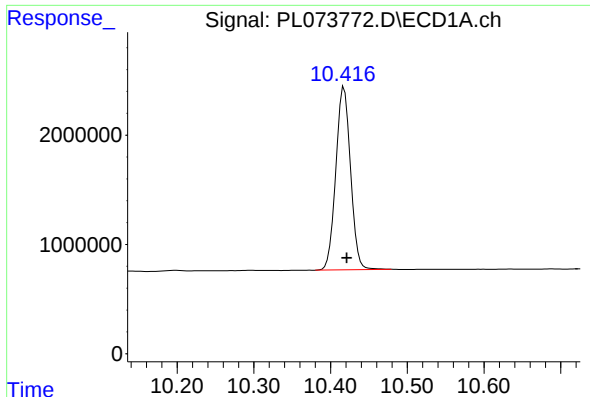
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 20386026
Conc: 43.23 ng/ml



#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.004 min
Response: 62994696
Conc: 46.37 ng/ml



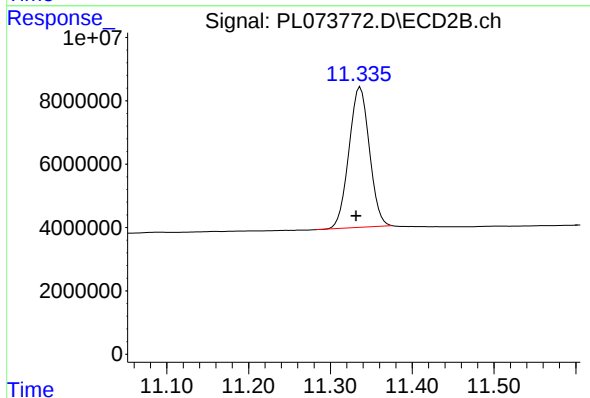
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 22335825
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.337 min
Delta R.T.: 0.005 min
Response: 76836501
Conc: 42.97 ng/ml