

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
 Data File : PL074752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2022 15:36
 Operator : AR\AJ
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 06:45:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.648	4.653	11018695	27455140	21.702	20.004
28)	SA Decachlor...	11.647	10.404	9357680	21915627	20.954	21.352
Target Compounds							
2)	A alpha-BHC	6.231	5.355	47189647	115.8E6	68.976	68.789
3)	MA gamma-BHC...	6.629	5.775	44109555	108.3E6	68.334	65.532
4)	MA Heptachlor	7.285	6.186	41435763	95486180	64.204	62.909
5)	MB Aldrin	7.658	6.510	42592316	102.1E6	68.755	68.032
6)	B beta-BHC	6.880	6.152	19272245	47441218	64.574	59.752
7)	B delta-BHC	7.151	6.413	41923961	102.8E6	66.860	65.771
8)	B Heptachlo...	8.126	7.084	38697729	92061405	68.040	66.146
9)	A Endosulfan I	8.535	7.486	37627916	83197057	65.270	66.497
10)	B gamma-Chl...	8.397	7.361	37625637	94409611	72.741	68.125
11)	B alpha-Chl...	8.479	7.430	40785091	92071547	66.806	68.109
12)	B 4,4'-DDE	8.664	7.642	34246794	83399465	73.978	70.876
13)	MA Dieldrin	8.826	7.771	38179139	91488973	72.638	71.817
14)	MA Endrin	9.066	8.062	28323573	74025854	68.636	70.080
15)	B Endosulfa...	9.300	8.371	32643281	77862436	74.256	68.929
16)	A 4,4'-DDD	9.206	8.225	31080702	69884640	68.744	70.939
17)	MA 4,4'-DDT	9.526	8.486	28337727	69016886	61.653	68.981
18)	B Endrin al...	9.435	8.558	27028150	59068452	76.368	73.957m
19)	B Endosulfa...	9.673	8.790	30941119	80043822	68.458	73.533
20)	A Methoxychlor	10.012	9.079	14949670	36478726	61.041	62.422m
21)	B Endrin ke...	10.175	9.308	35789405	84205647	69.787m	75.528
22)	Mirex	10.650	9.498	26520705	62912979	65.725	64.953

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051722\
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 Acq On : 17 May 2022 15:36
 Operator : AR\AJ
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

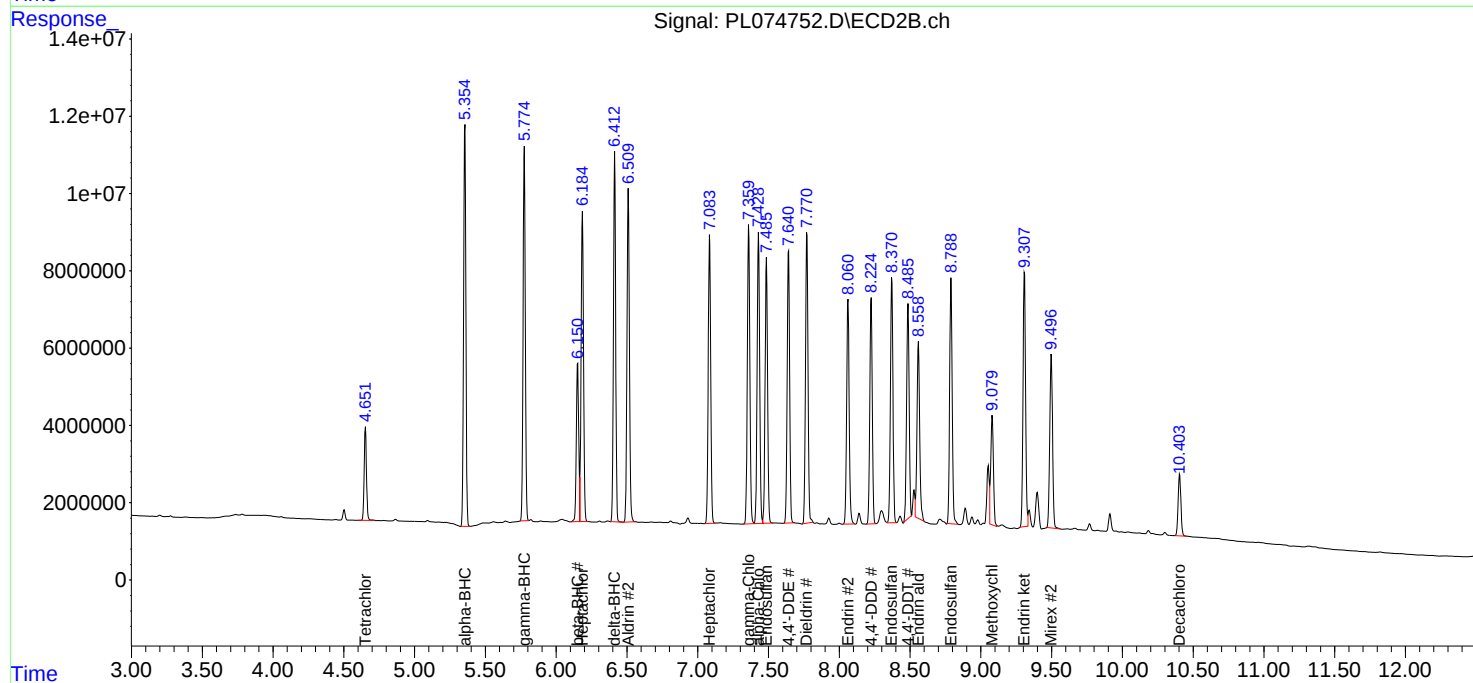
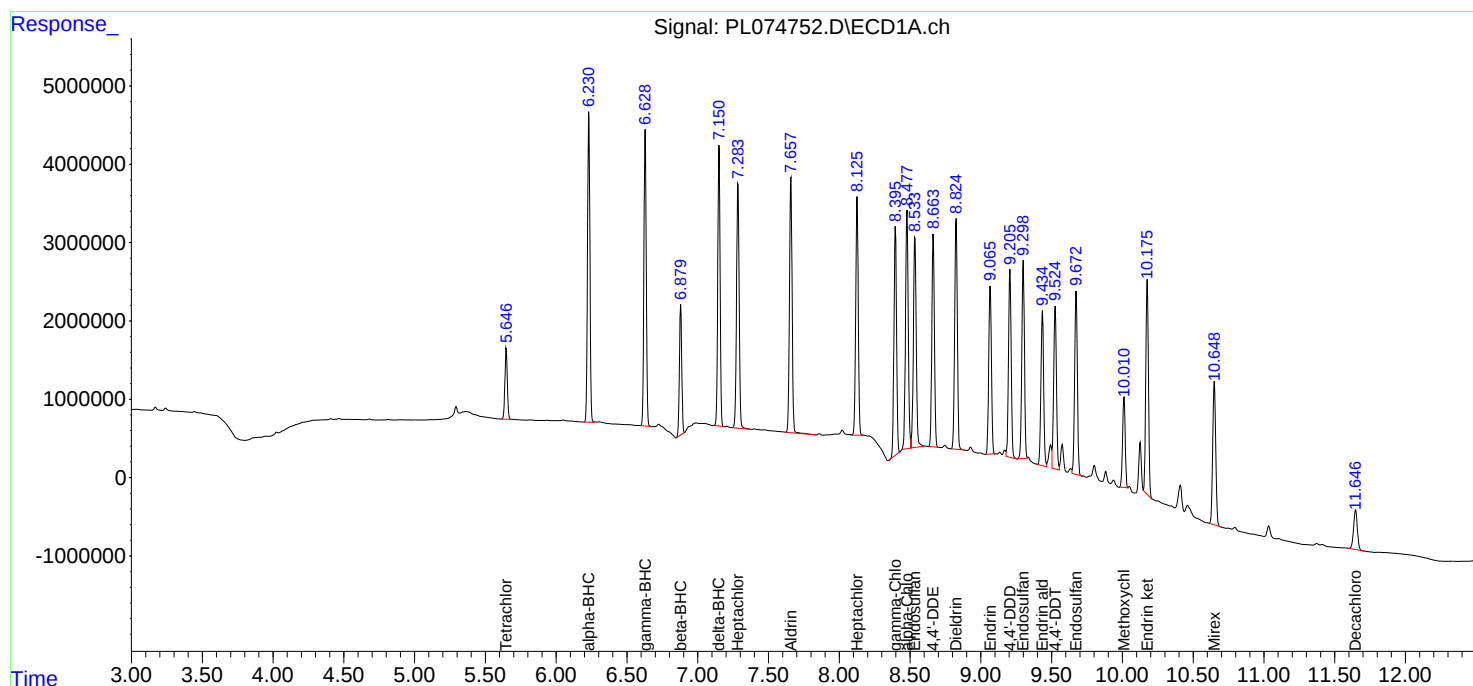
Instrument :
 ECD_L
 ClientSampleId :
 P003-SS003-1218-01MSD

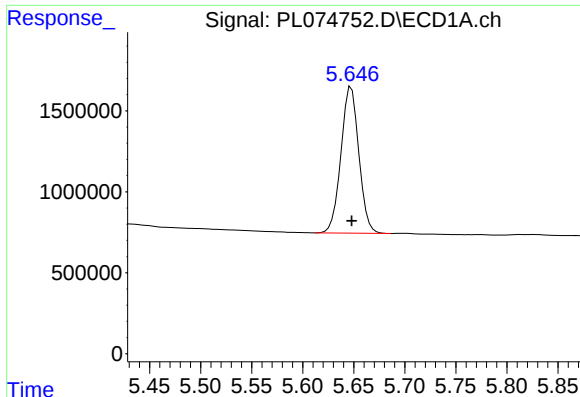
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
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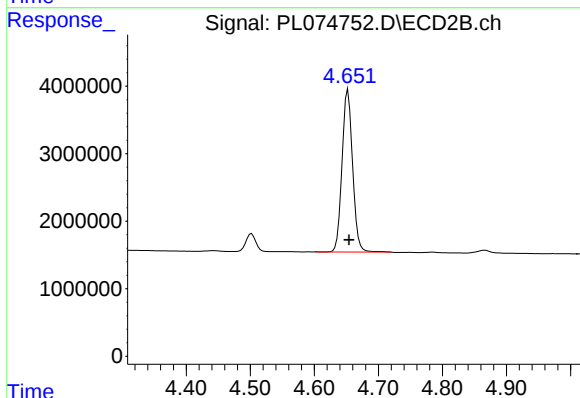
#1 Tetrachloro-m-xylene

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 11018695
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

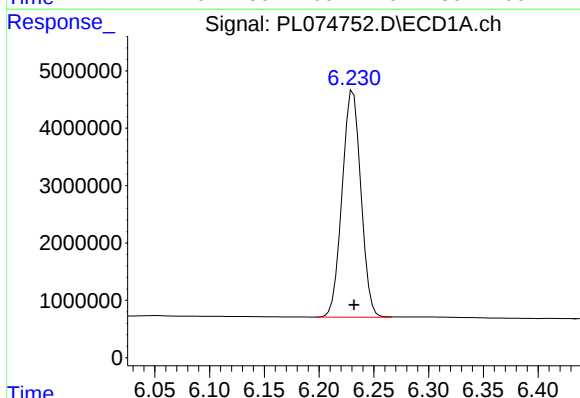
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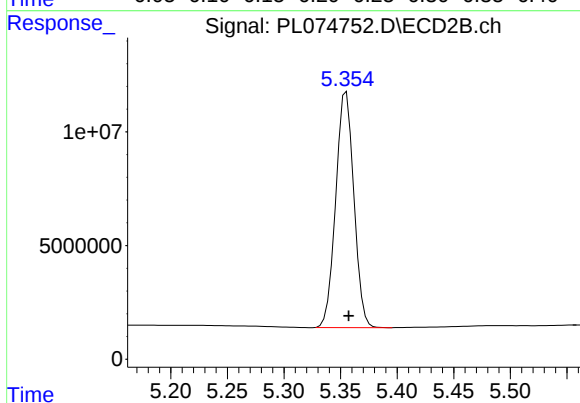
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 27455140
Conc: 20.00 ng/ml



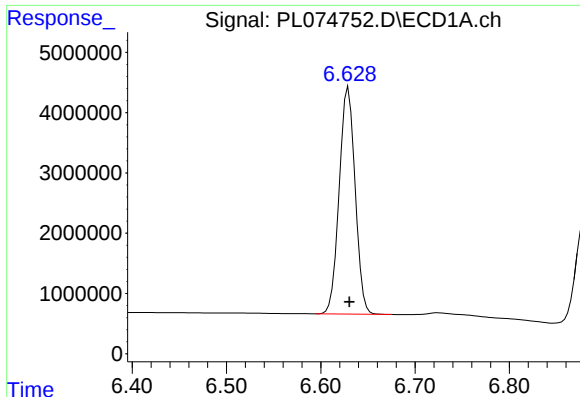
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 47189647
Conc: 68.98 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 115765212
Conc: 68.79 ng/ml



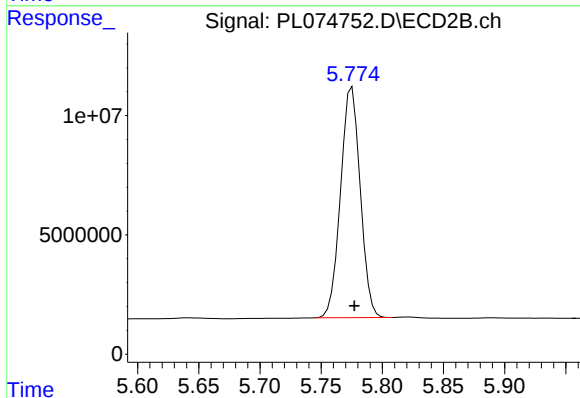
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 44109555
Conc: 68.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

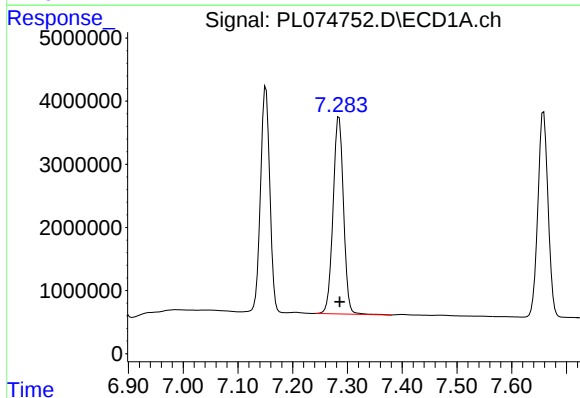
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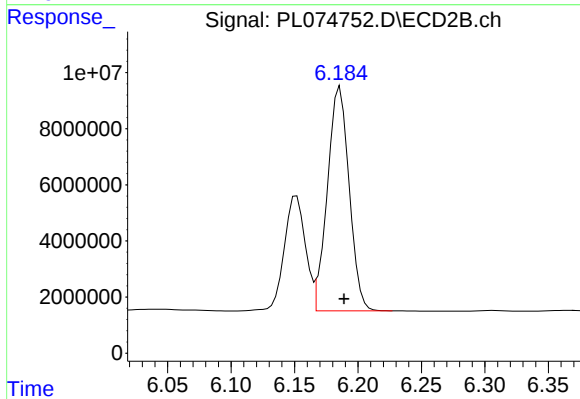
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 108285192
Conc: 65.53 ng/ml



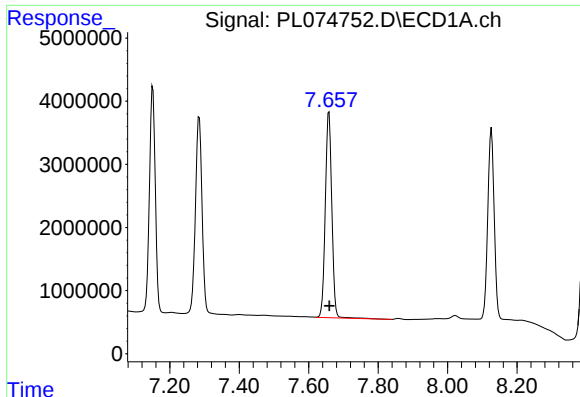
#4 Heptachlor

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 41435763
Conc: 64.20 ng/ml



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 95486180
Conc: 62.91 ng/ml



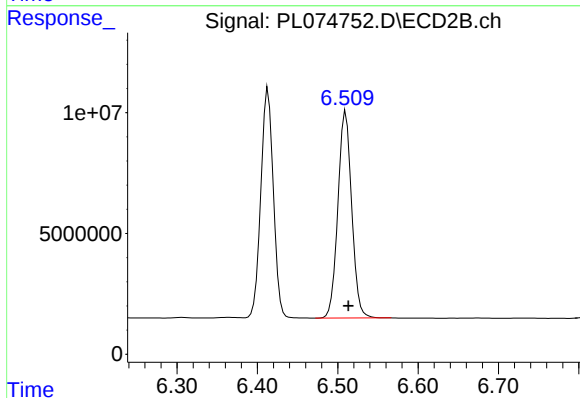
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 42592316
Conc: 68.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

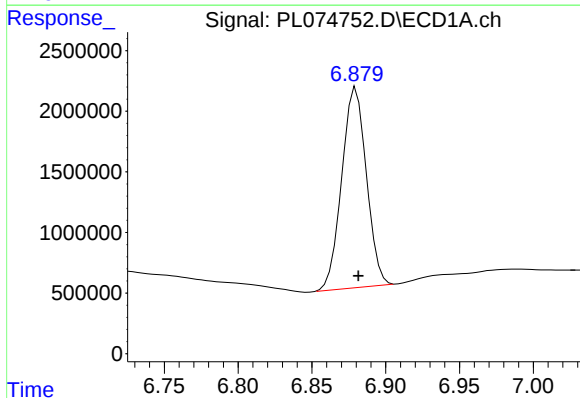
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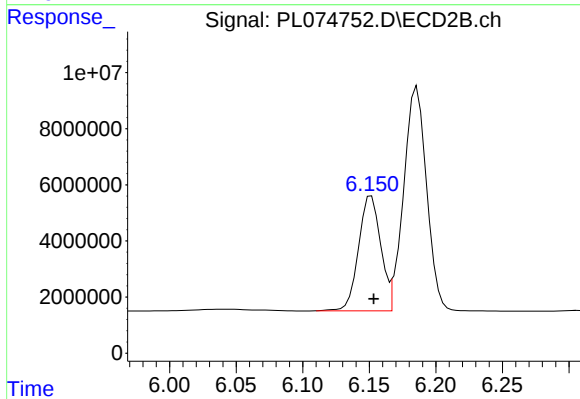
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 102080058
Conc: 68.03 ng/ml



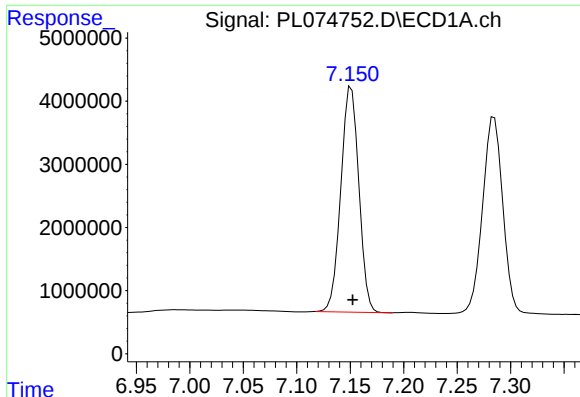
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 19272245
Conc: 64.57 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 47441218
Conc: 59.75 ng/ml



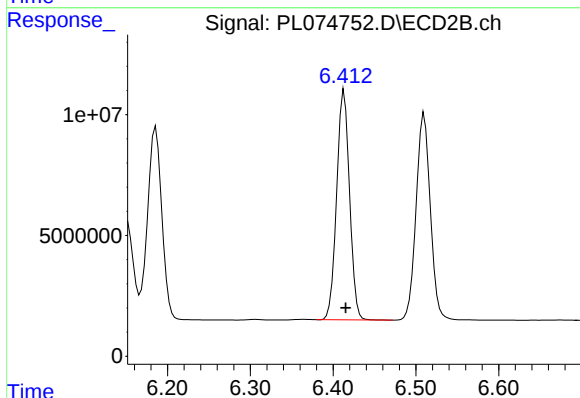
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.001 min
Response: 41923961
Conc: 66.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

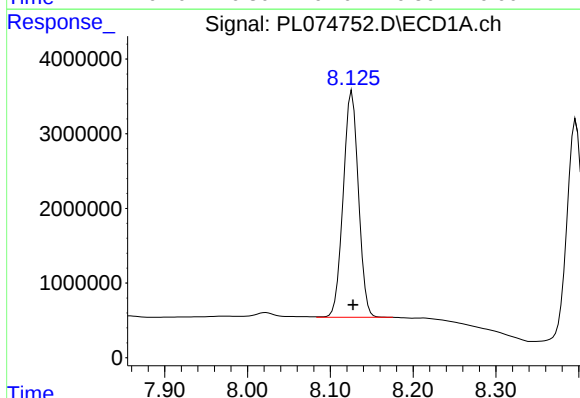
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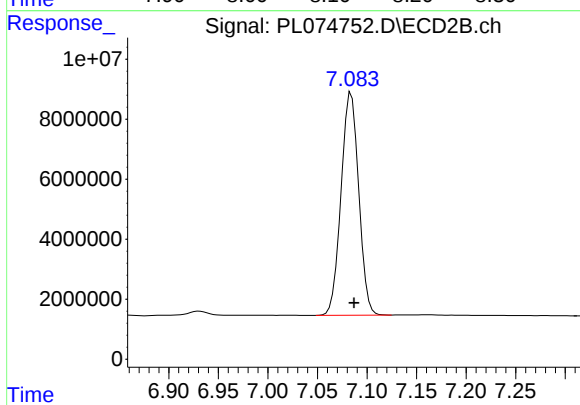
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 102845708
Conc: 65.77 ng/ml



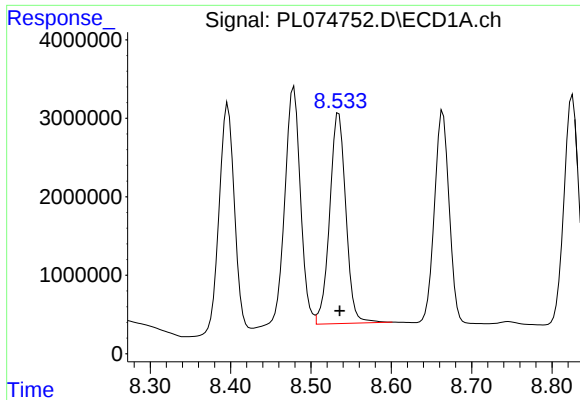
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 38697729
Conc: 68.04 ng/ml



#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 92061405
Conc: 66.15 ng/ml



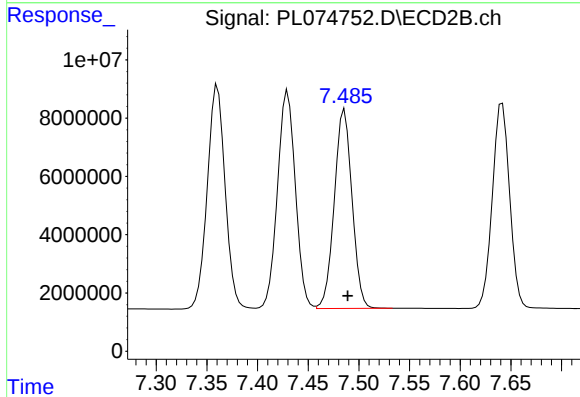
#9 Endosulfan I

R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 37627916
Conc: 65.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

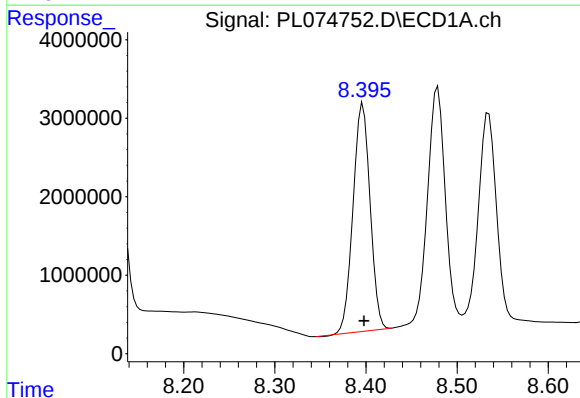
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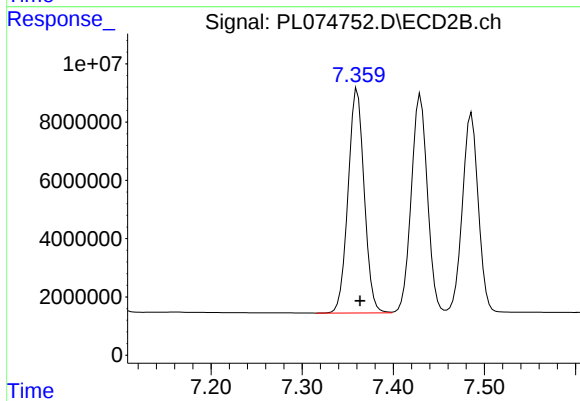
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 83197057
Conc: 66.50 ng/ml



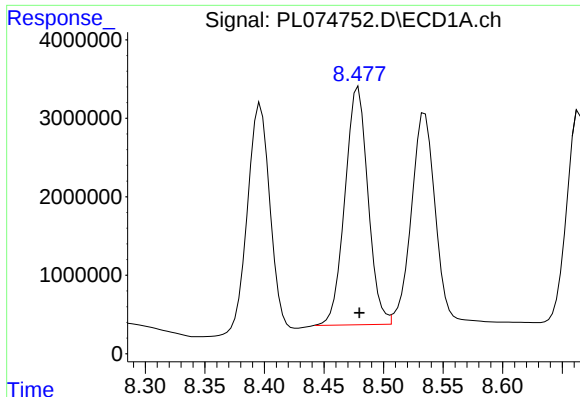
#10 gamma-Chlordane

R.T.: 8.397 min
Delta R.T.: -0.001 min
Response: 37625637
Conc: 72.74 ng/ml



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 94409611
Conc: 68.12 ng/ml



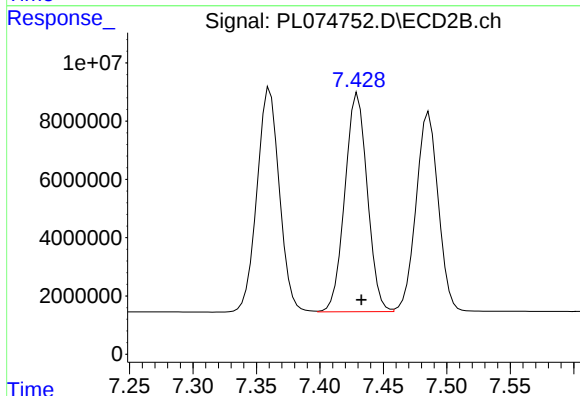
#11 alpha-Chlordane

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 40785091
Conc: 66.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

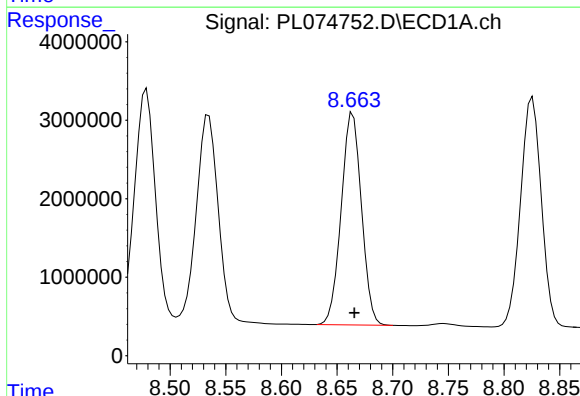
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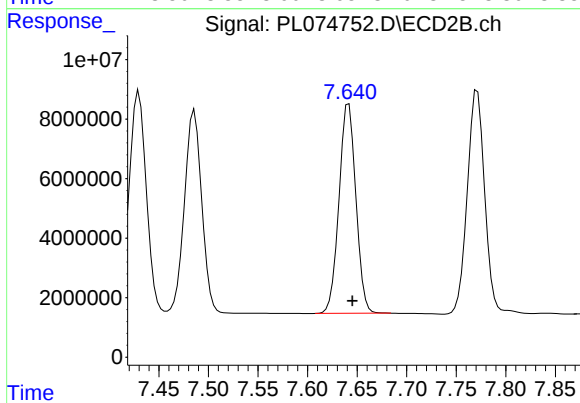
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 92071547
Conc: 68.11 ng/ml



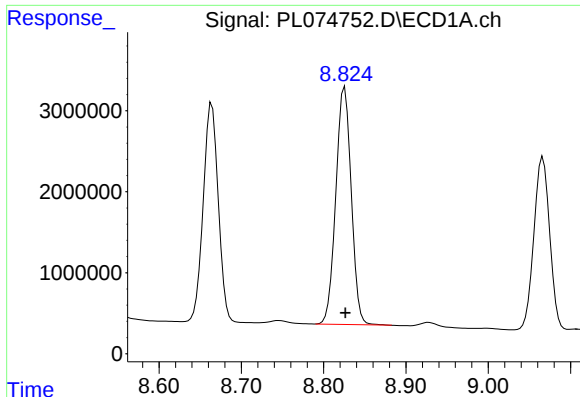
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.001 min
Response: 34246794
Conc: 73.98 ng/ml



#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.004 min
Response: 83399465
Conc: 70.88 ng/ml



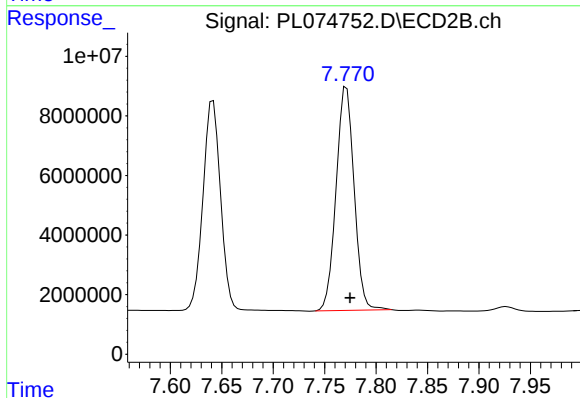
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 38179139
Conc: 72.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

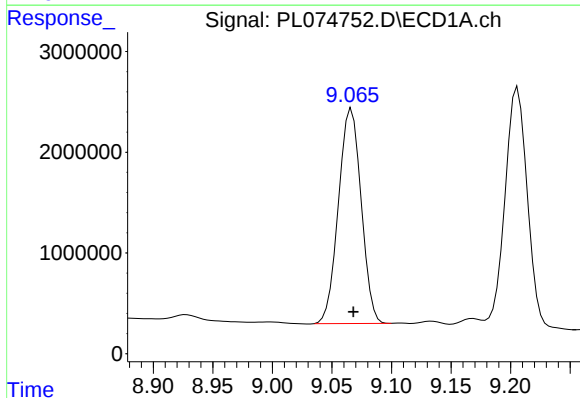
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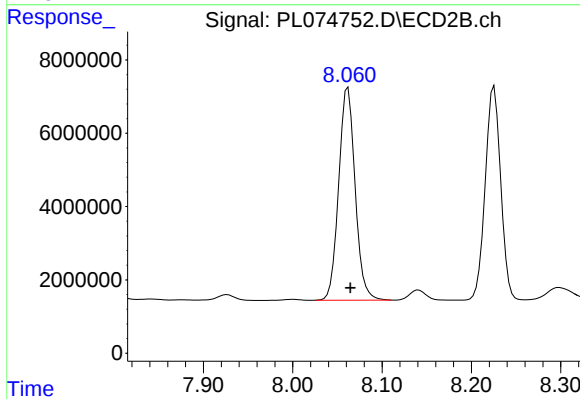
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 91488973
Conc: 71.82 ng/ml



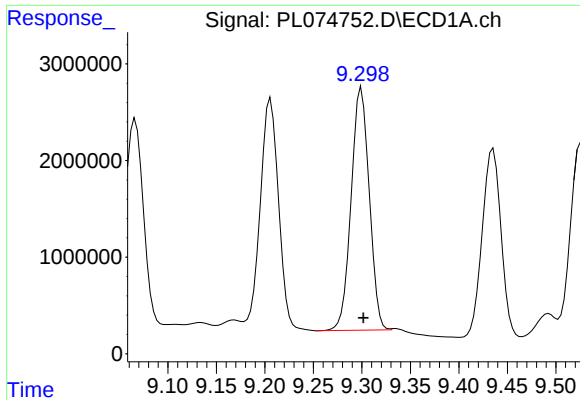
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 28323573
Conc: 68.64 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 74025854
Conc: 70.08 ng/ml



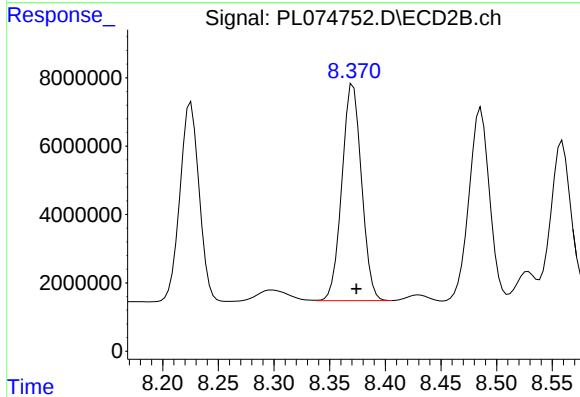
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 32643281
Conc: 74.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

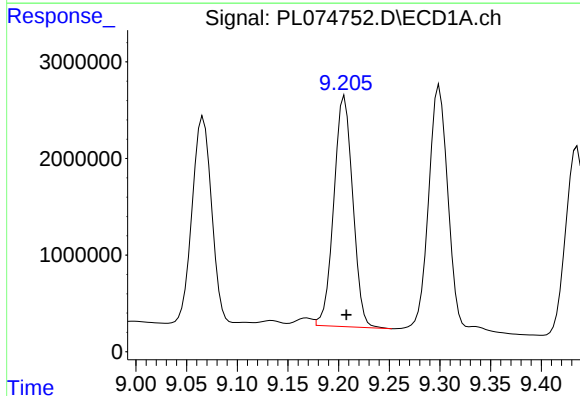
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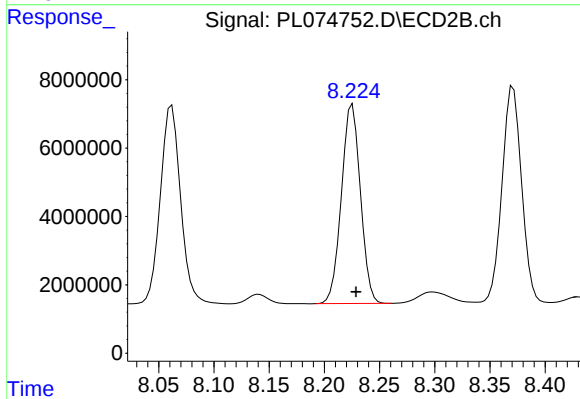
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 77862436
Conc: 68.93 ng/ml



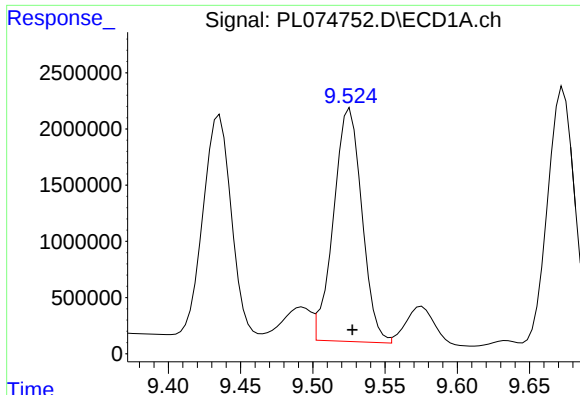
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 31080702
Conc: 68.74 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 69884640
Conc: 70.94 ng/ml



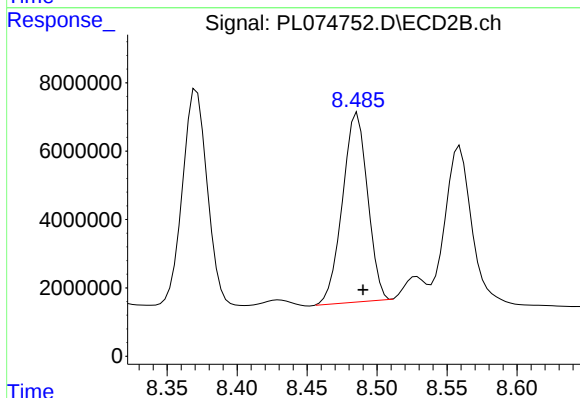
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: -0.002 min
Response: 28337727
Conc: 61.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

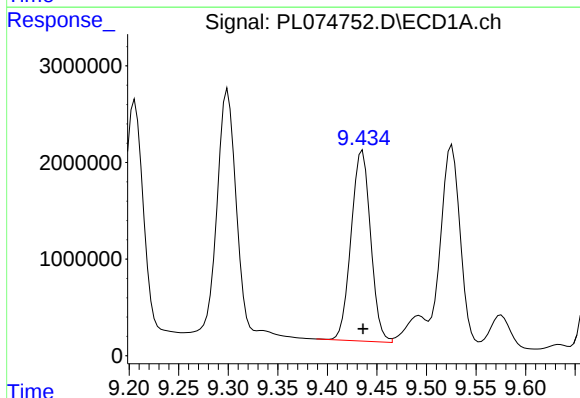
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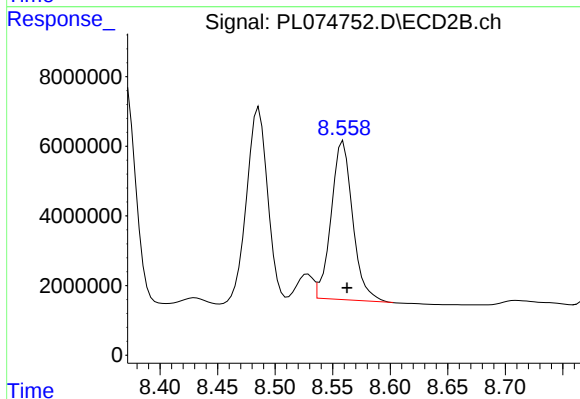
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 69016886
Conc: 68.98 ng/ml



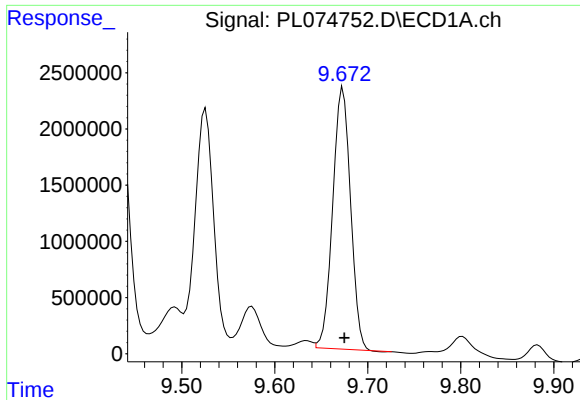
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 27028150
Conc: 76.37 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.005 min
Response: 59068452
Conc: 73.96 ng/ml m



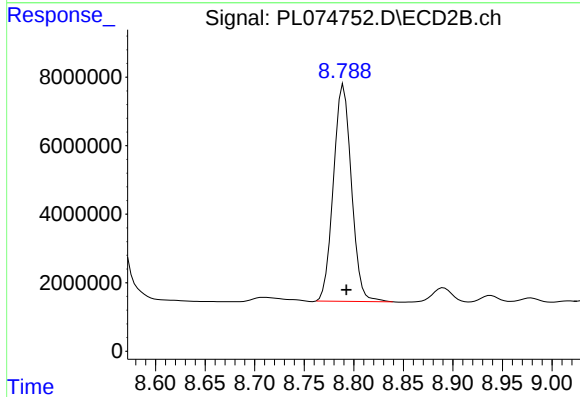
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 30941119
Conc: 68.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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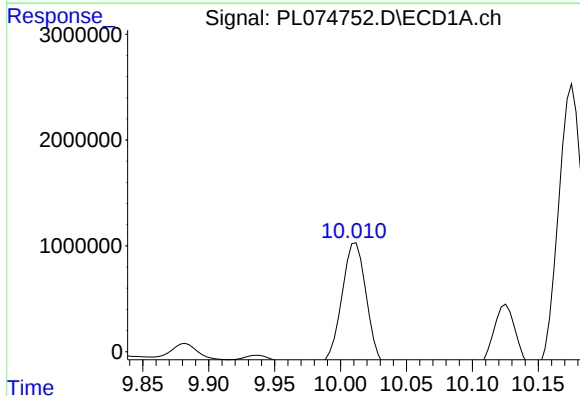
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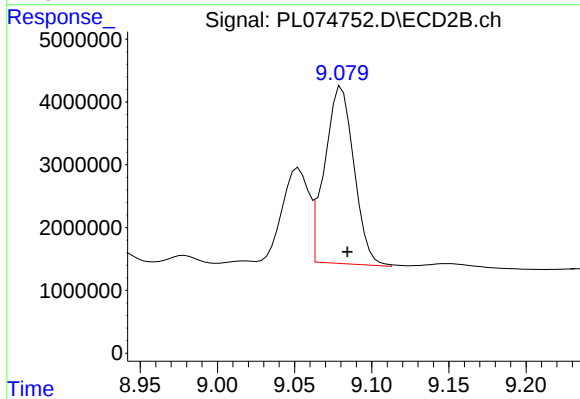
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 80043822
Conc: 73.53 ng/ml



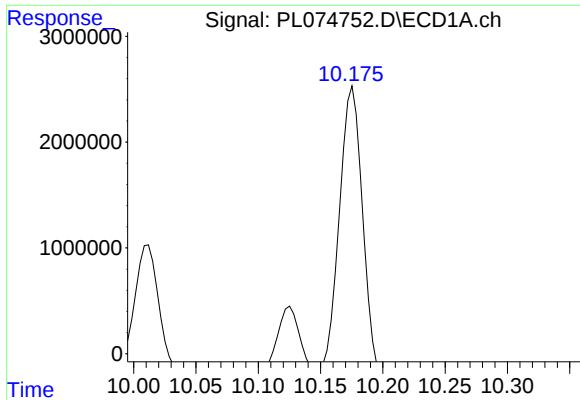
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.002 min
Response: 14949670
Conc: 61.04 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 36478726
Conc: 62.42 ng/ml m



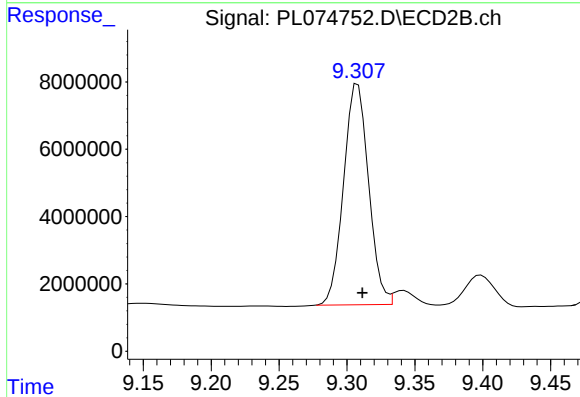
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 35789405
Conc: 69.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

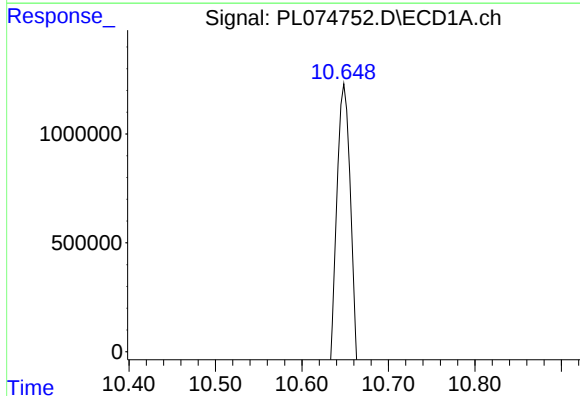
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2022
Supervised By :mohammad ahmed 05/19/2022



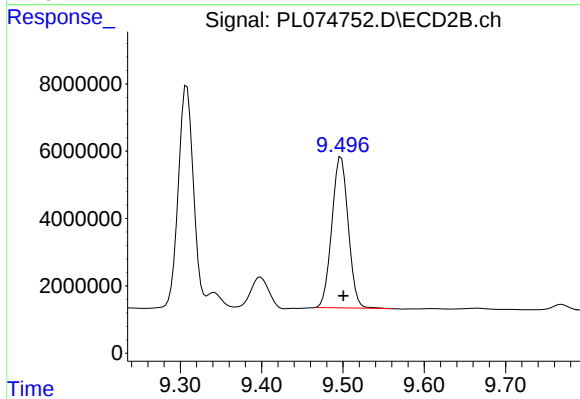
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.003 min
Response: 84205647
Conc: 75.53 ng/ml



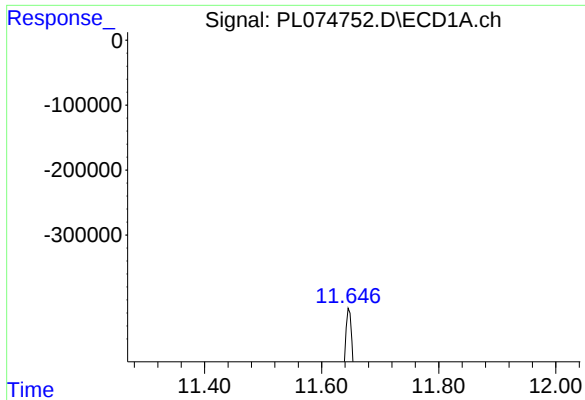
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 26520705
Conc: 65.73 ng/ml



#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 62912979
Conc: 64.95 ng/ml



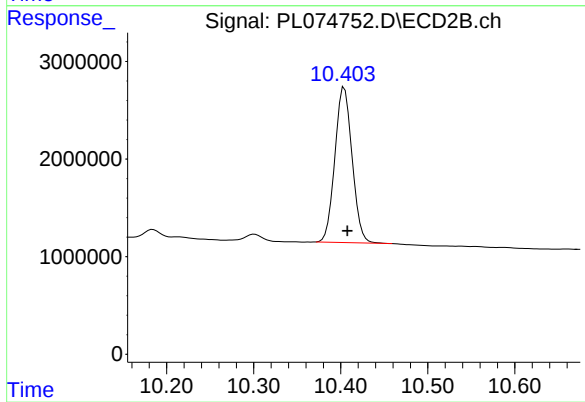
#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 9357680
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
P003-SS003-1218-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2022
Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 21915627
Conc: 21.35 ng/ml