

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 16:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2022
 Supervised By :mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:53:10 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...	4.632	5.488	16355725	89477344	50.620	50.184
28)	SA Decachlor...	10.400	11.329	26174736	93573874	50.333m	52.977
Target Compounds							
2)	A alpha-BHC	5.339	6.051	21612155	129.5E6	51.499	51.424
3)	MA gamma-BHC...	5.763	6.441	21664539	122.2E6	51.656	51.610
4)	MA Heptachlor	6.174	7.100	23419692	133.7E6	51.991	51.273
5)	MB Aldrin	6.498	7.468	21722055	123.7E6	52.336	52.672
6)	B beta-BHC	6.144	6.678	10311611	55646779	50.466	49.375
7)	B delta-BHC	6.405	6.945	21801240	124.1E6	52.702	50.830
8)	B Heptachlo...	7.075	7.924	22166738	116.7E6	51.678	51.833
9)	A Endosulfan I	7.478	8.324	21740556	106.7E6	53.010	54.175
10)	B gamma-Chl...	7.352	8.192	22969216	116.5E6	52.371	52.225
11)	B alpha-Chl...	7.422	8.275	23241722	114.5E6	52.610	53.214
12)	B 4,4'-DDE	7.634	8.460	19653632	109.7E6	53.872m	55.101
13)	MA Dieldrin	7.763	8.609	22141446	107.7E6	51.543m	53.695
14)	MA Endrin	8.055	8.844	20496431	93159524	50.455	55.005
15)	B Endosulfa...	8.367	9.068	20838736	88230873	50.560	50.788
16)	A 4,4'-DDD	8.221	8.987	16963412	87906983	52.530	57.134
17)	MA 4,4'-DDT	8.482	9.305	19147639	92815101	51.801	52.359
18)	B Endrin al...	8.555	9.201	16833225	68120453	52.026	52.740
19)	B Endosulfa...	8.785	9.439	21527967	87935365	50.414	52.835
20)	A Methoxychlor	9.077	9.786	11907082	46851043	47.961	48.709
21)	B Endrin ke...	9.304	9.927	25903052	93574896	53.020m	54.060
22)	Mirex	9.492	10.403	23475842	72507785	50.334	52.641

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

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 Acq On : 03 May 2022 16:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

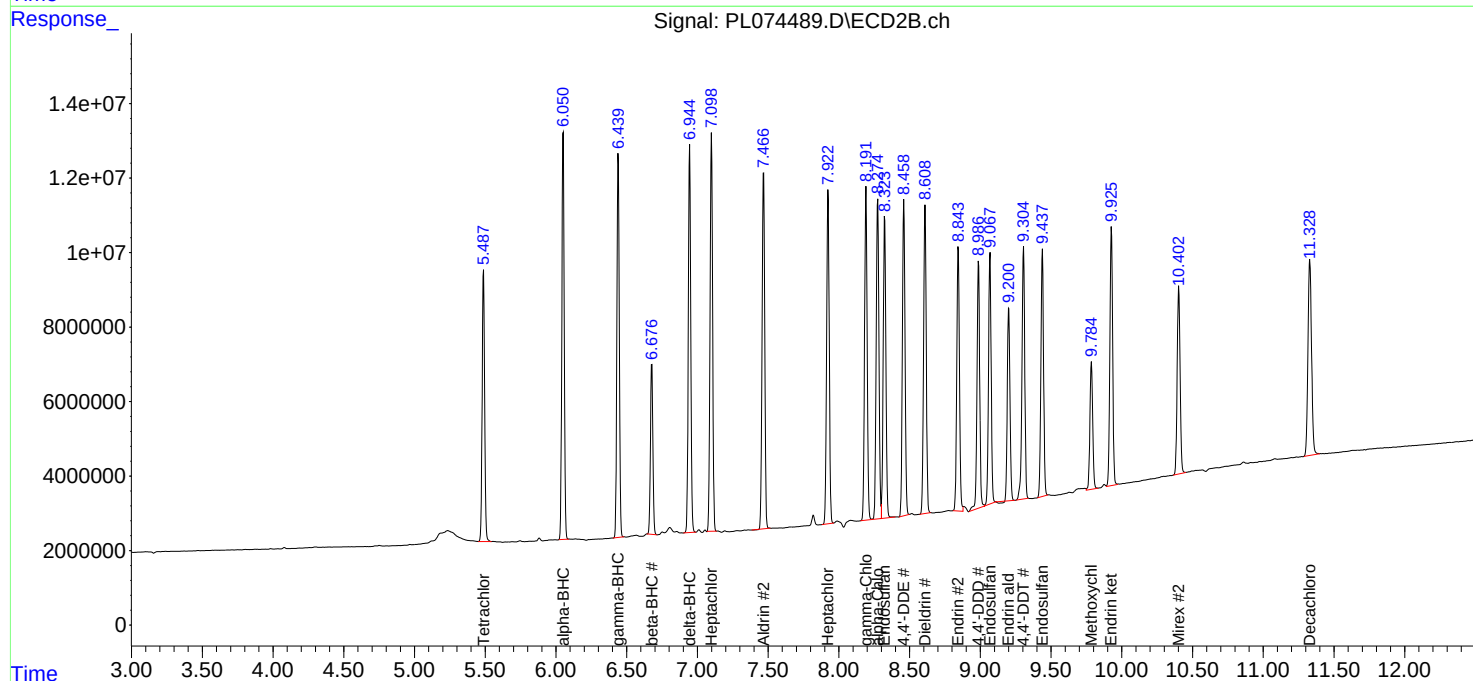
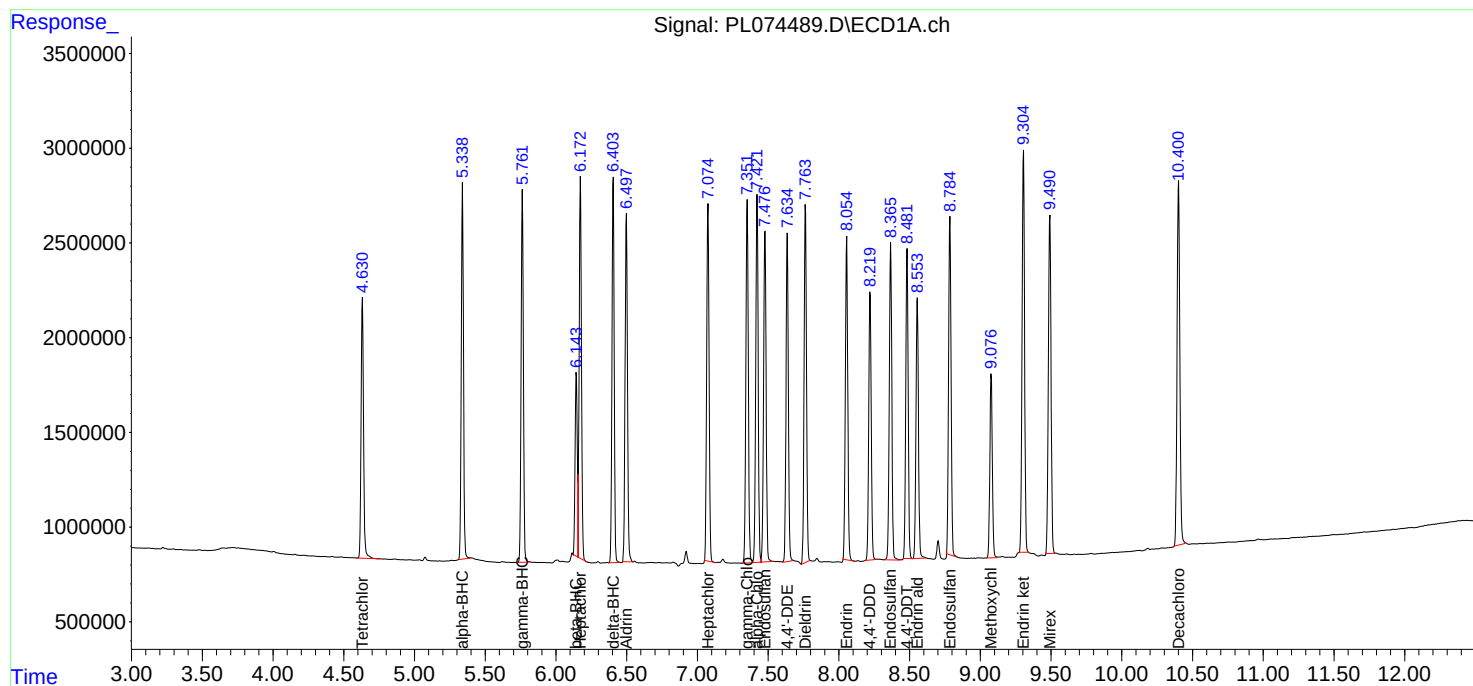
APPROVED

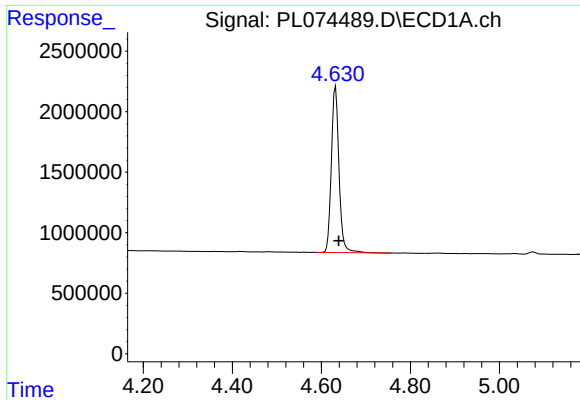
Reviewed By :Abdul Mirza 05/04/2022

Supervised By :mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:53:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





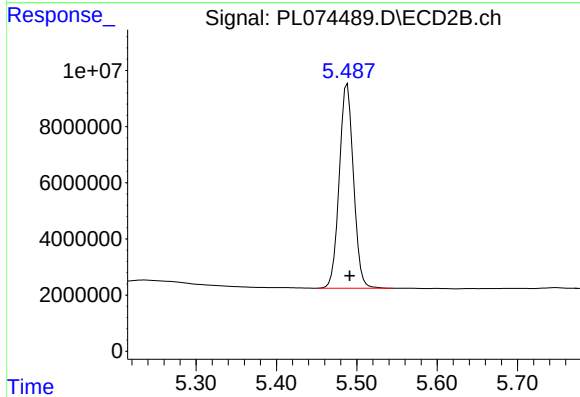
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 16355725
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

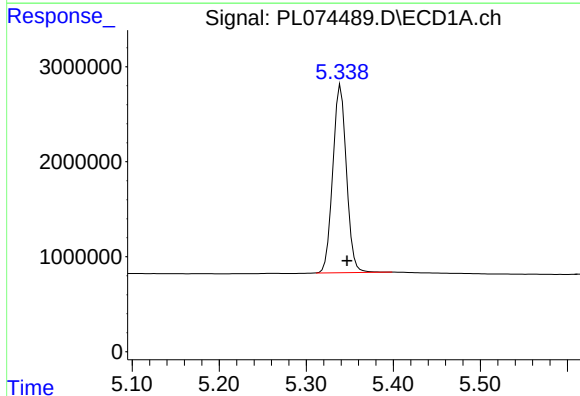
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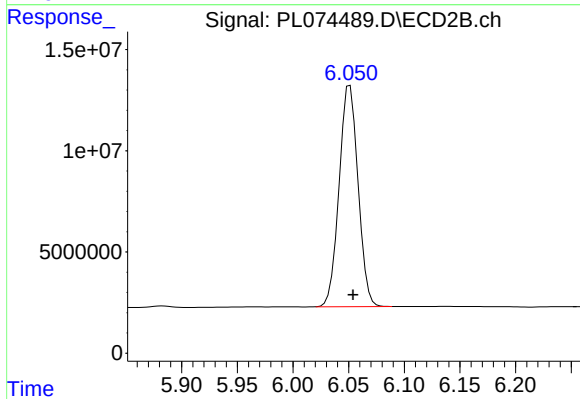
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 89477344
Conc: 50.18 ng/ml



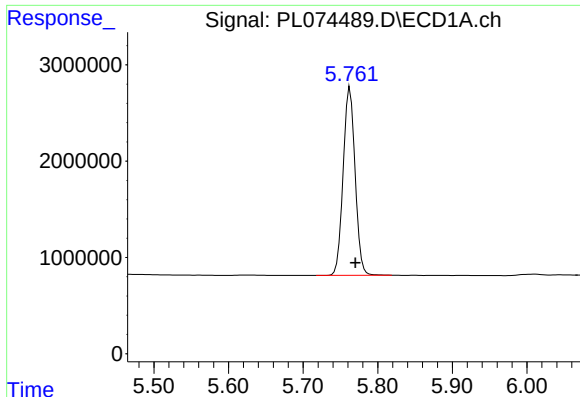
#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.007 min
Response: 21612155
Conc: 51.50 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 129490757
Conc: 51.42 ng/ml



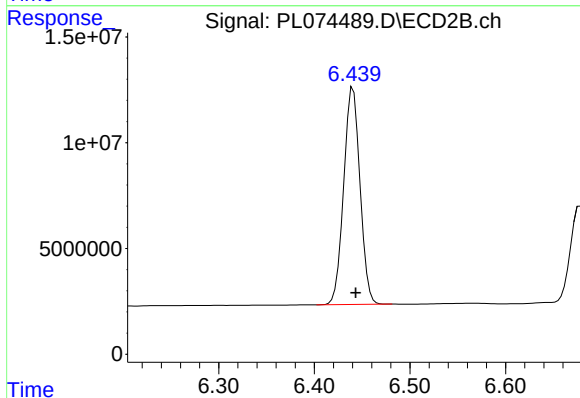
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.007 min
Response: 21664539
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

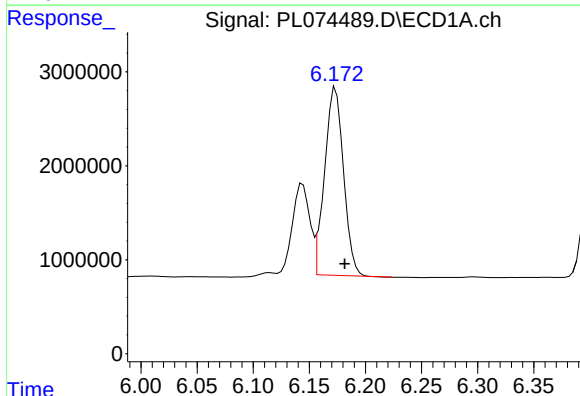
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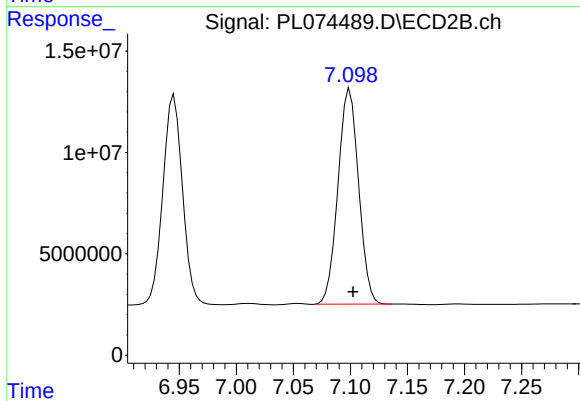
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 122166482
Conc: 51.61 ng/ml



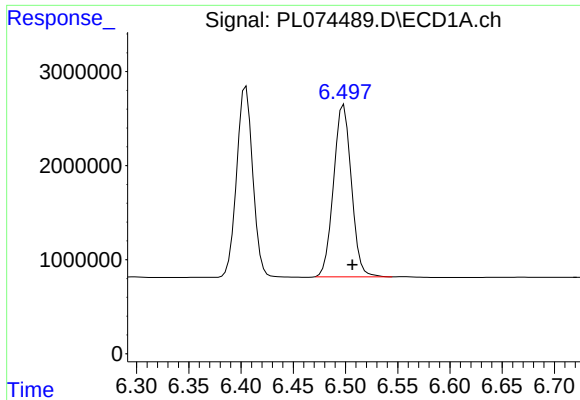
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.008 min
Response: 23419692
Conc: 51.99 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 133741920
Conc: 51.27 ng/ml



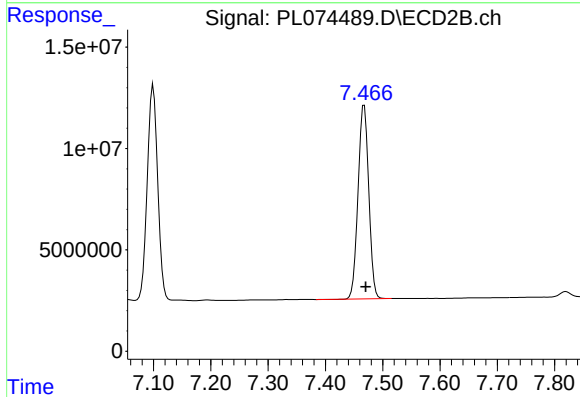
#5 Aldrin

R.T.: 6.498 min
Delta R.T.: -0.008 min
Response: 21722055
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

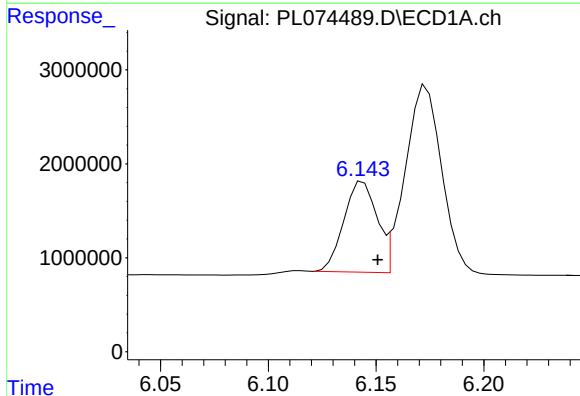
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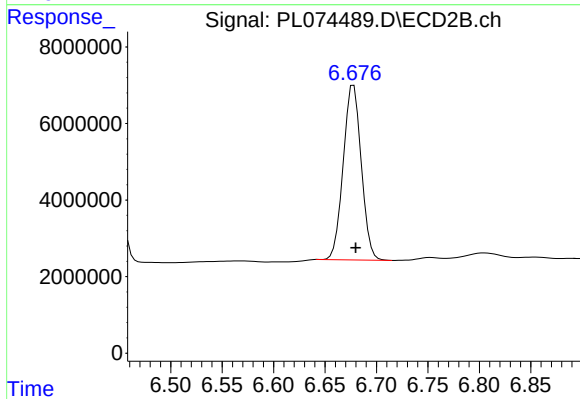
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 123704951
Conc: 52.67 ng/ml



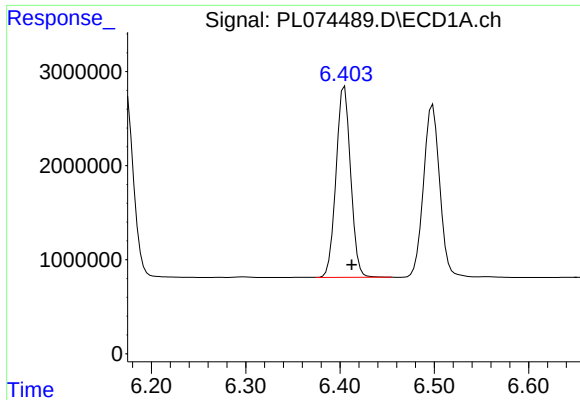
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 10311611
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 55646779
Conc: 49.38 ng/ml



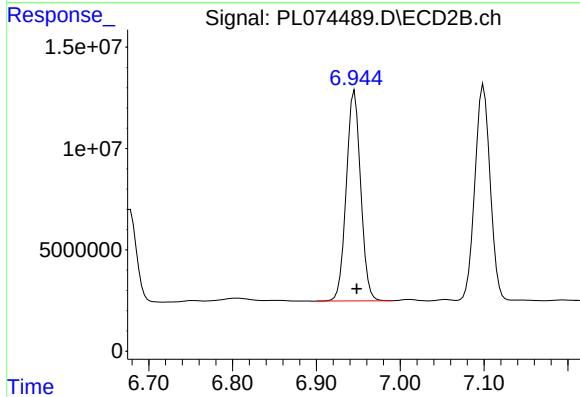
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 21801240
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

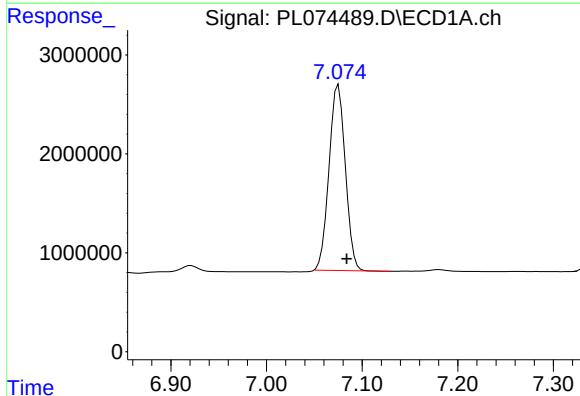
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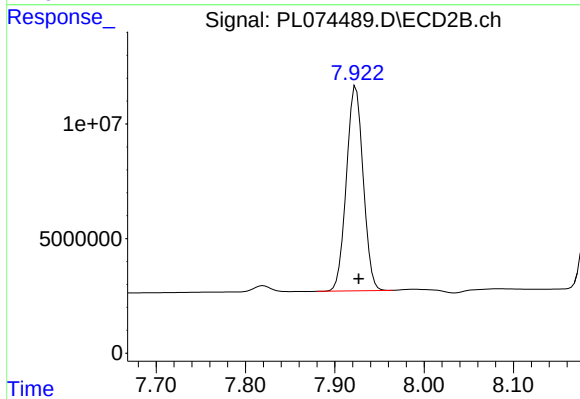
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 124140748
Conc: 50.83 ng/ml



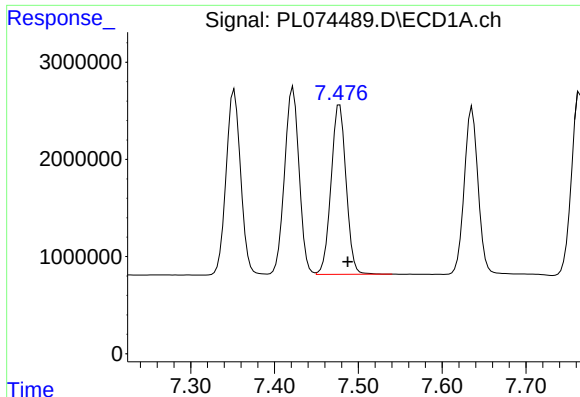
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: -0.009 min
Response: 22166738
Conc: 51.68 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 116705821
Conc: 51.83 ng/ml



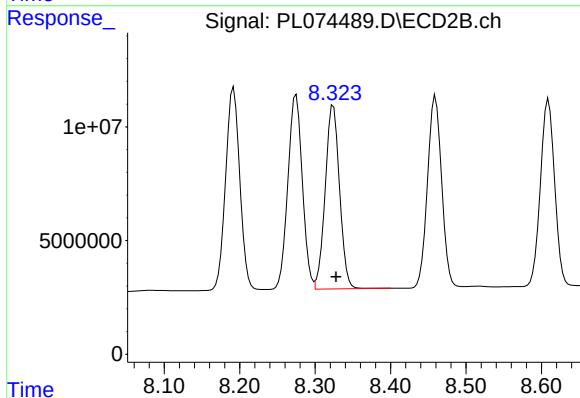
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 21740556
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

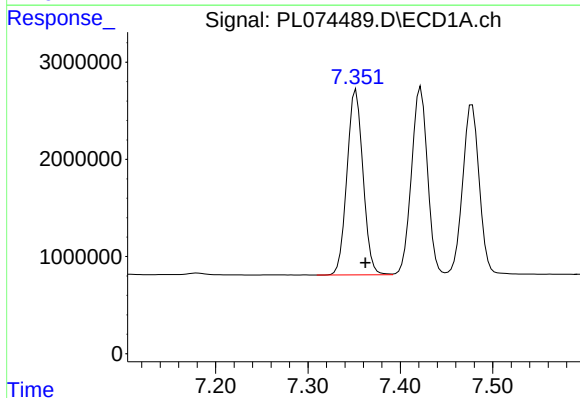
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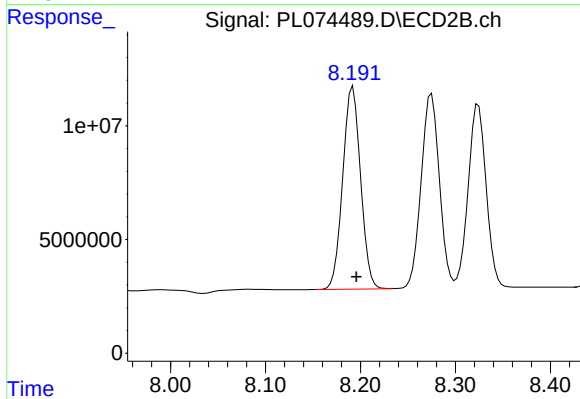
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 106652037
Conc: 54.17 ng/ml



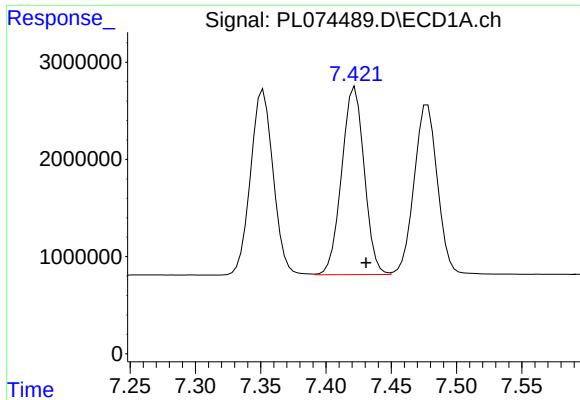
#10 gamma-Chlordane

R.T.: 7.352 min
Delta R.T.: -0.010 min
Response: 22969216
Conc: 52.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 116480135
Conc: 52.22 ng/ml



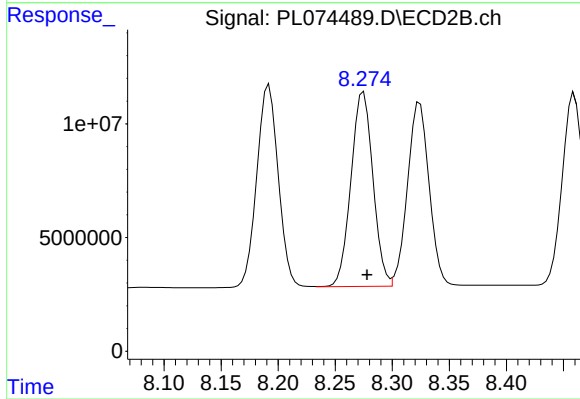
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.008 min
Response: 23241722
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

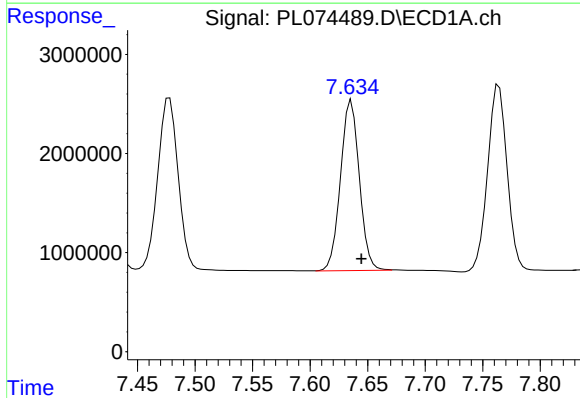
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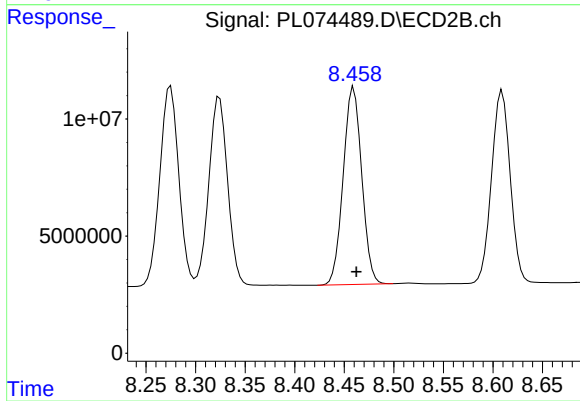
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 114547511
Conc: 53.21 ng/ml



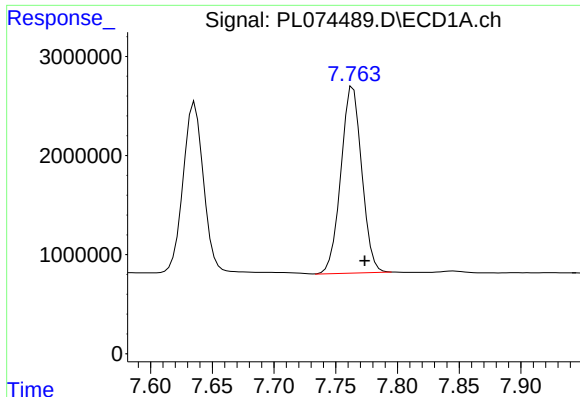
#12 4,4'-DDE

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 19653632
Conc: 53.87 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 109744313
Conc: 55.10 ng/ml



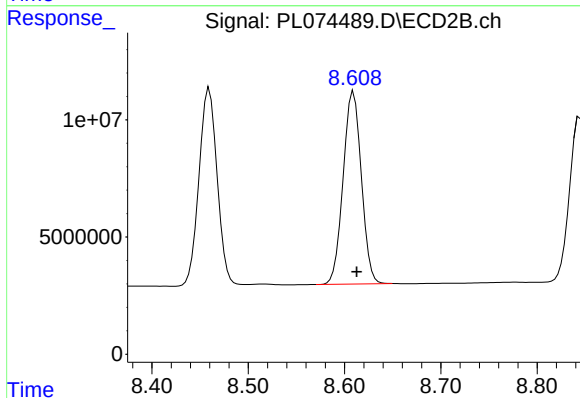
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.011 min
Response: 22141446
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

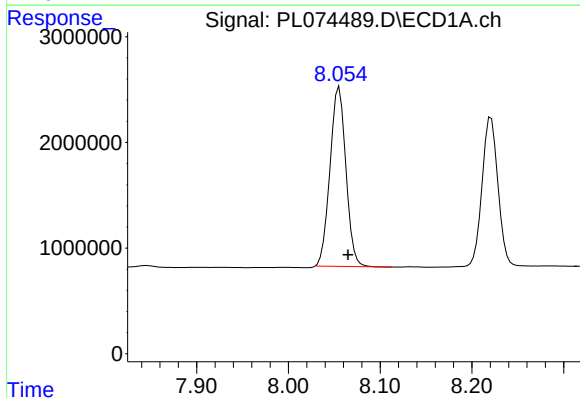
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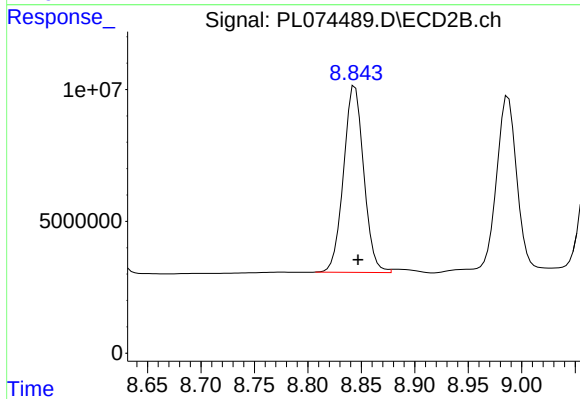
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 107673758
Conc: 53.70 ng/ml



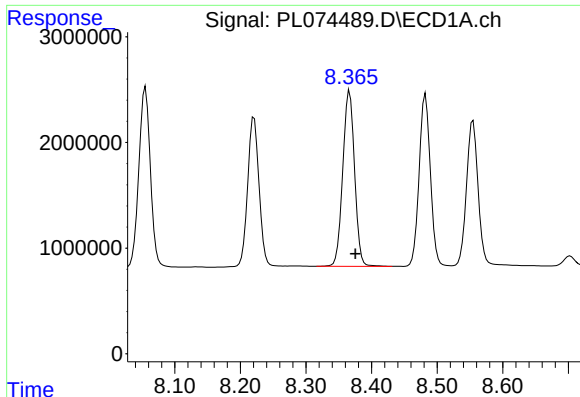
#14 Endrin

R.T.: 8.055 min
Delta R.T.: -0.010 min
Response: 20496431
Conc: 50.45 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 93159524
Conc: 55.00 ng/ml



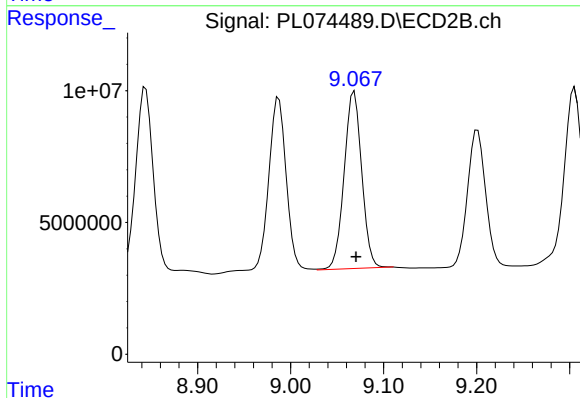
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.009 min
Response: 20838736
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

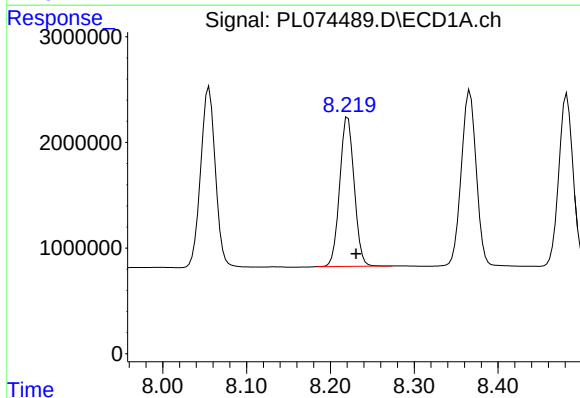
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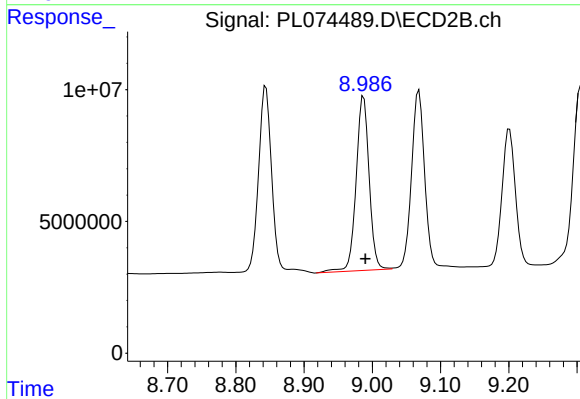
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 88230873
Conc: 50.79 ng/ml



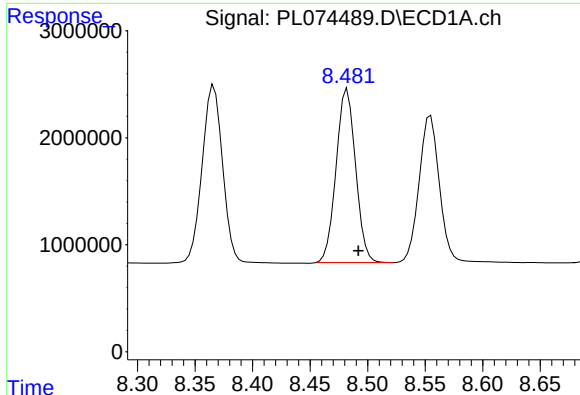
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 16963412
Conc: 52.53 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 87906983
Conc: 57.13 ng/ml



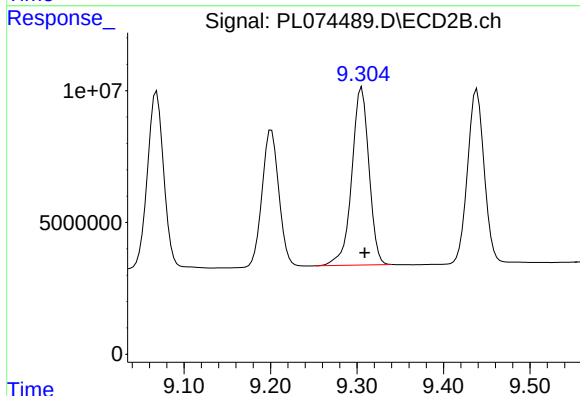
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 19147639
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

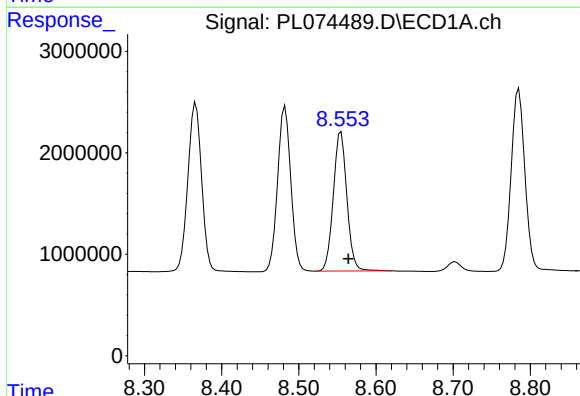
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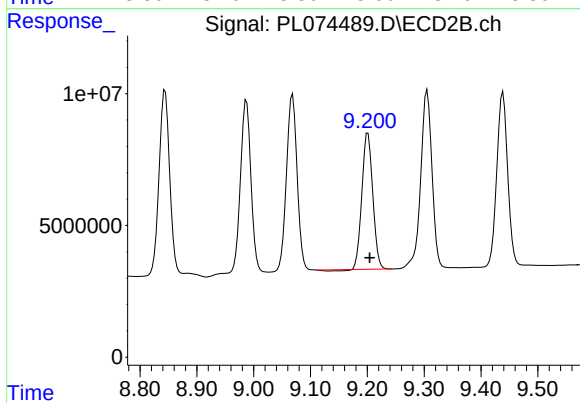
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.003 min
Response: 92815101
Conc: 52.36 ng/ml



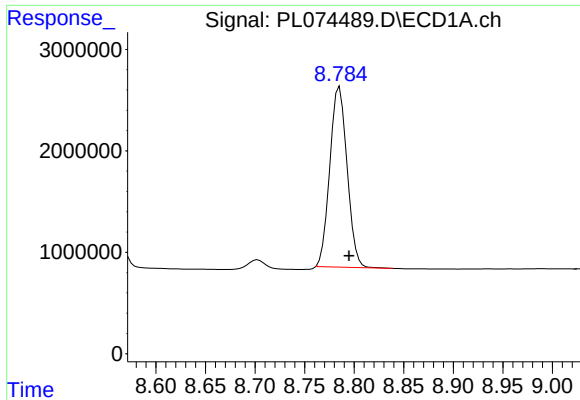
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.010 min
Response: 16833225
Conc: 52.03 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 68120453
Conc: 52.74 ng/ml



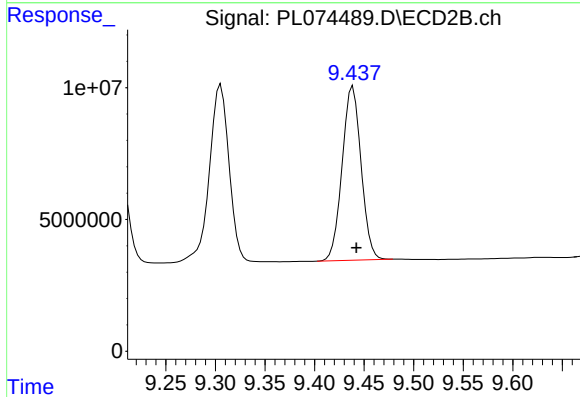
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 21527967
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

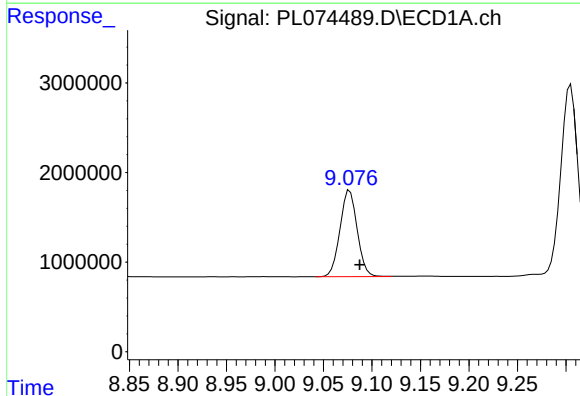
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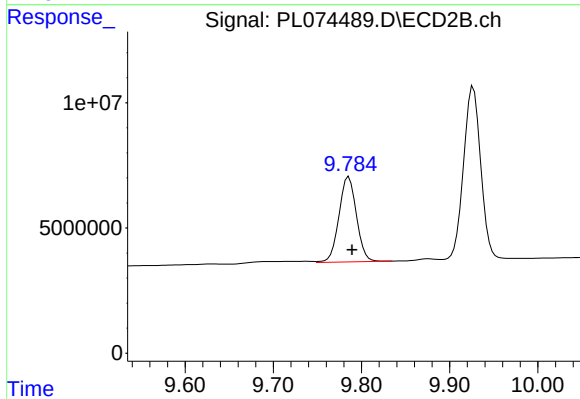
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 87935365
Conc: 52.84 ng/ml



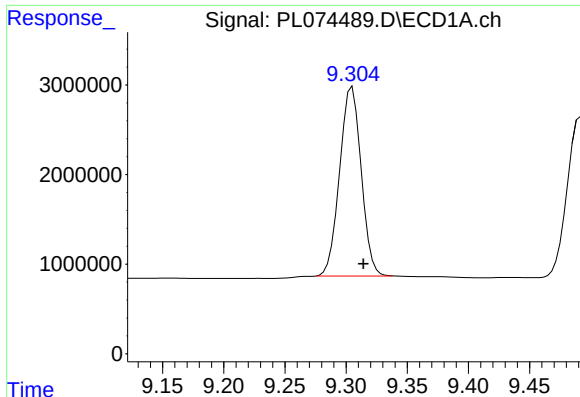
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 11907082
Conc: 47.96 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 46851043
Conc: 48.71 ng/ml



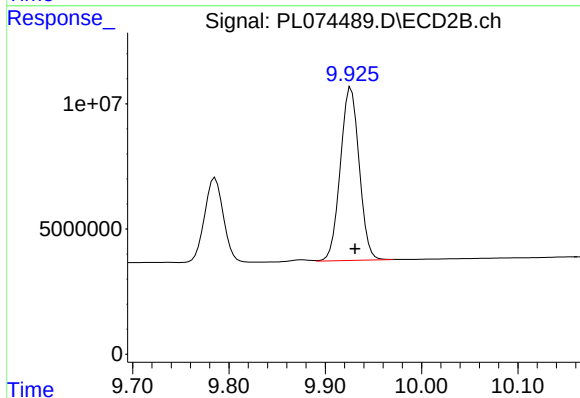
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 25903052
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

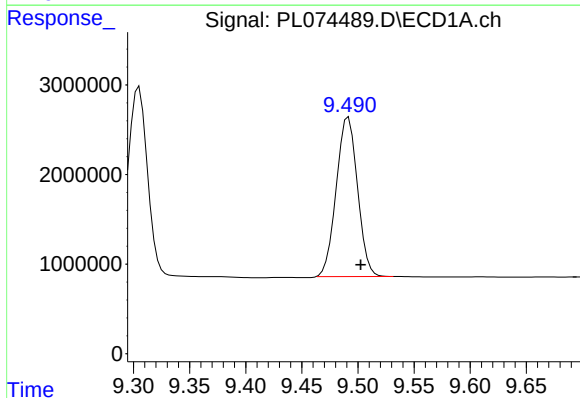
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Supervised By :mohammad ahmed 05/04/2022



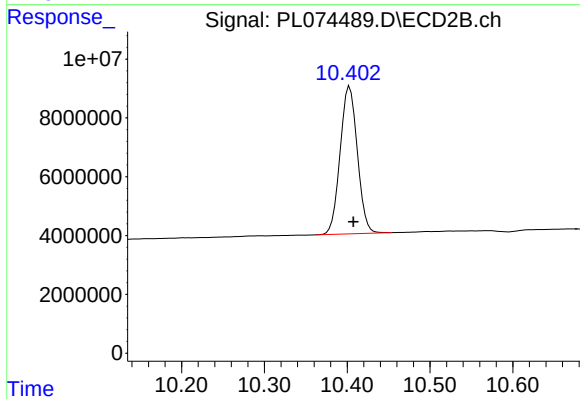
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 93574896
Conc: 54.06 ng/ml



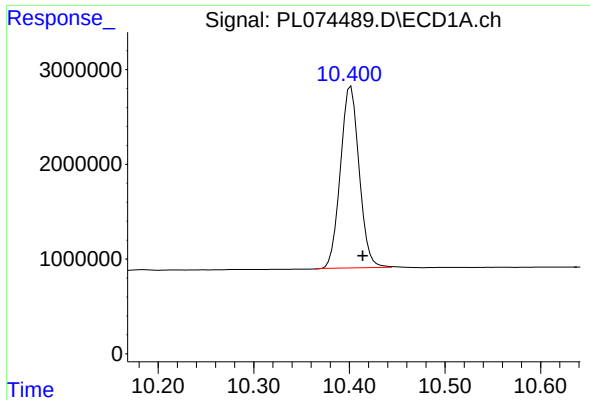
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.011 min
Response: 23475842
Conc: 50.33 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 72507785
Conc: 52.64 ng/ml



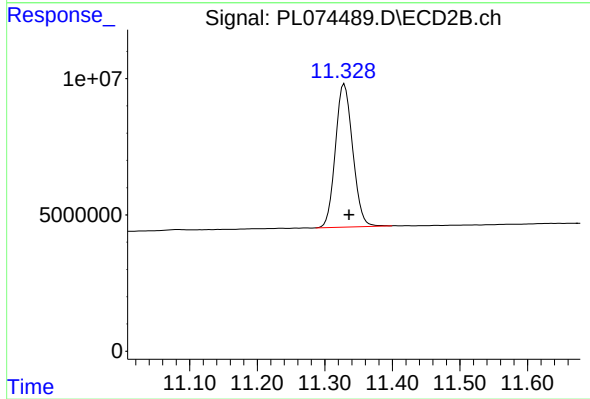
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 26174736
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 93573874
Conc: 52.98 ng/ml