

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 10:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 14:54:43 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...	4.639	5.491	17365618	95596882	53.745	53.617
28)	SA Decachlor...	10.411	11.335	25276597	91342122	48.606	51.714
Target Compounds							
2)	A alpha-BHC	5.347	6.054	21985446	137.6E6	52.388	54.627
3)	MA gamma-BHC...	5.770	6.443	21651784	128.4E6	51.626	54.234
4)	MA Heptachlor	6.181	7.103	23229425	133.8E6	51.568	51.287
5)	MB Aldrin	6.506	7.471	22116316	130.7E6	53.286	55.637
6)	B beta-BHC	6.151	6.681	10553504	56095277	51.650	49.773
7)	B delta-BHC	6.412	6.948	22114038	129.5E6	53.458	53.008
8)	B Heptachlo...	7.083	7.927	22129256	115.5E6	51.591	51.311
9)	A Endosulfan I	7.486	8.327	20860938	105.4E6	50.865	53.516
10)	B gamma-Chl...	7.361	8.195	22403868	117.5E6	51.082	52.681
11)	B alpha-Chl...	7.431	8.278	22670502	114.7E6	51.317	53.271
12)	B 4,4'-DDE	7.644	8.462	19193711	110.5E6	52.612	55.478
13)	MA Dieldrin	7.773	8.612	22332390	112.8E6	51.988	56.270
14)	MA Endrin	8.064	8.847	21434605	98854706	52.764	58.367
15)	B Endosulfa...	8.375	9.071	22482693	93740426	54.548	53.960
16)	A 4,4'-DDD	8.230	8.990	16708898	85080883	51.742	55.298
17)	MA 4,4'-DDT	8.491	9.309	19731452	93442846	53.380	52.713
18)	B Endrin al...	8.564	9.204	18221222	73623610	56.316	57.001
19)	B Endosulfa...	8.794	9.442	22508383	89480257	52.710	53.764
20)	A Methoxychlor	9.087	9.787	12980506	48115030	52.284	50.024m
21)	B Endrin ke...	9.314	9.930	25888302	91147819	52.990	52.658
22)	Mirex	9.500	10.407	23296064	67766708	49.948	49.199

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074044.D
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 Acq On : 14 Apr 2022 10:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

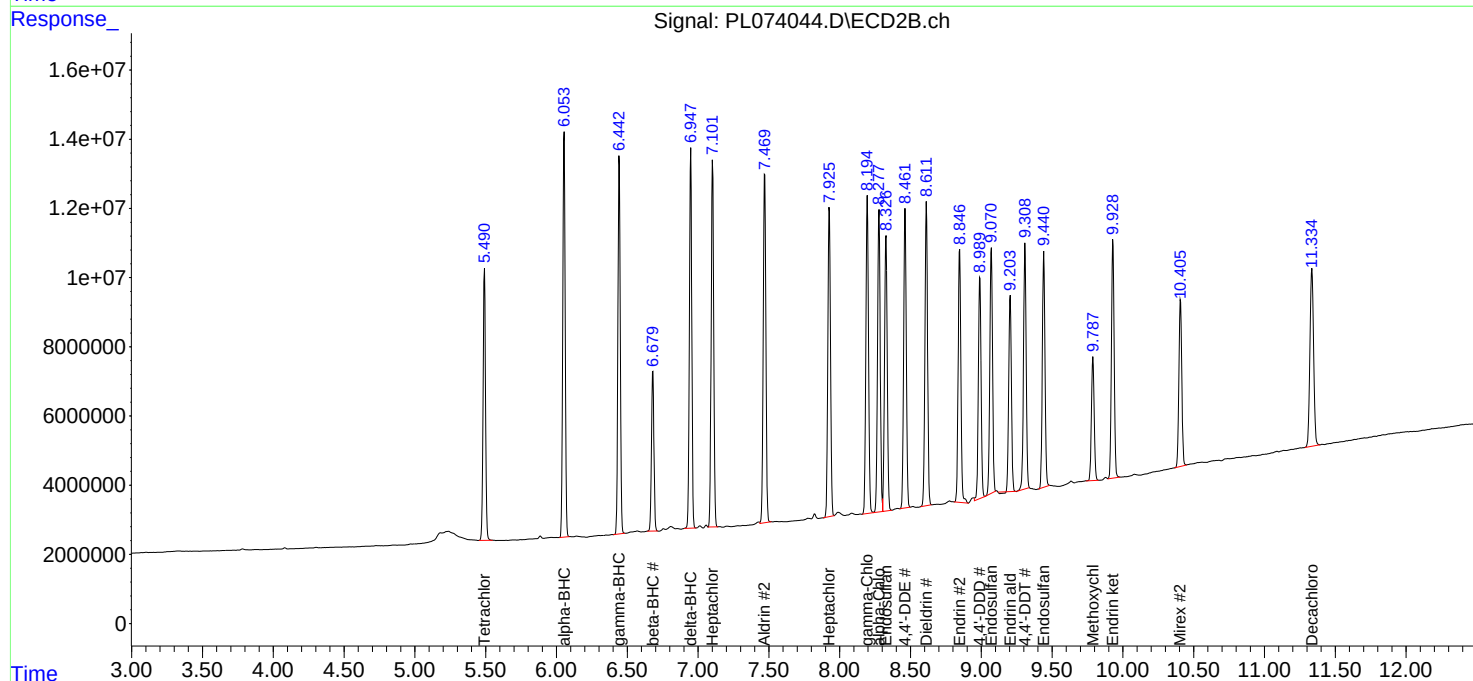
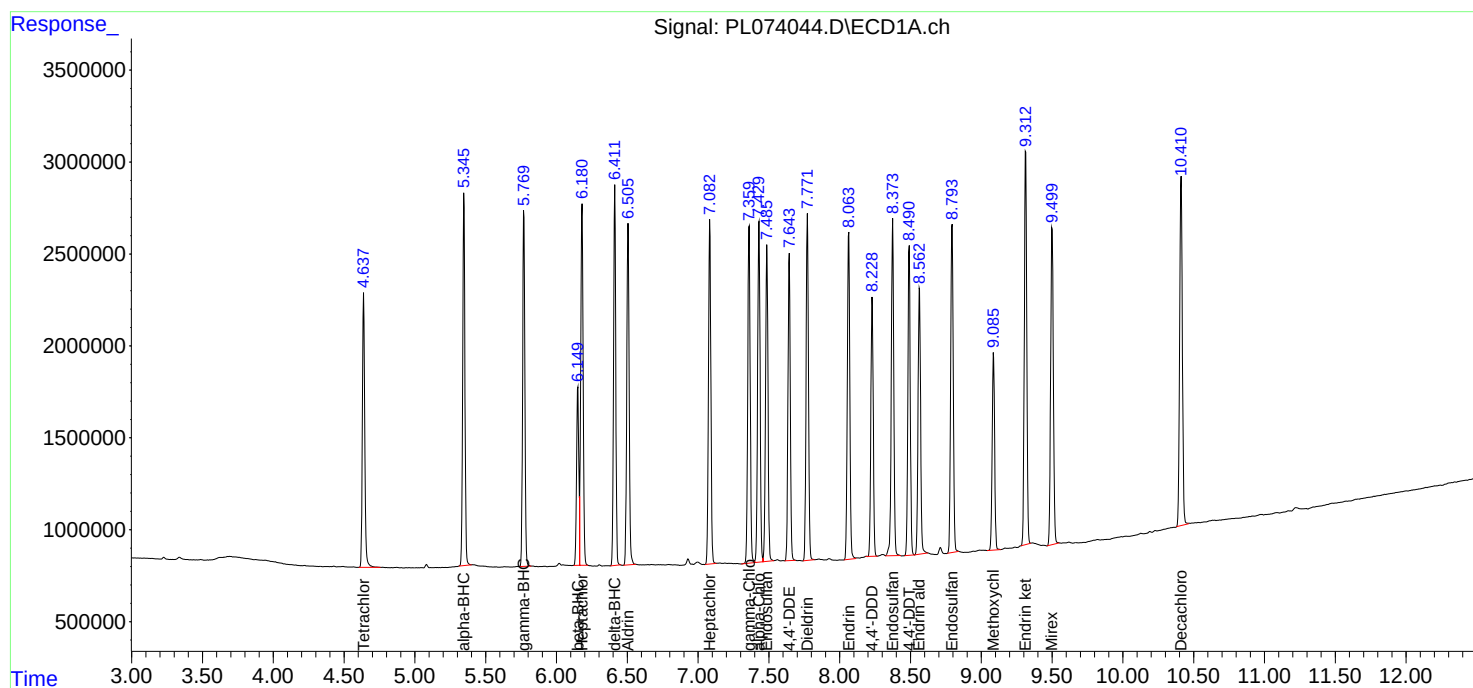
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

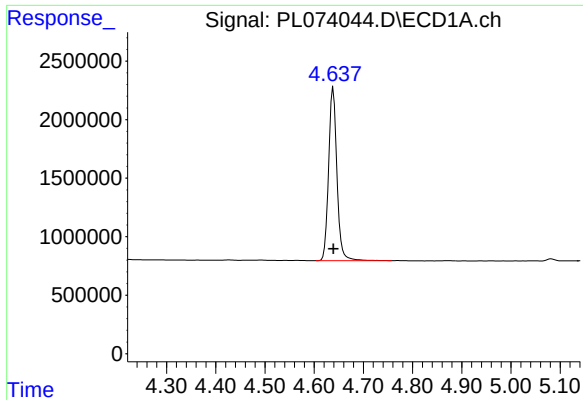
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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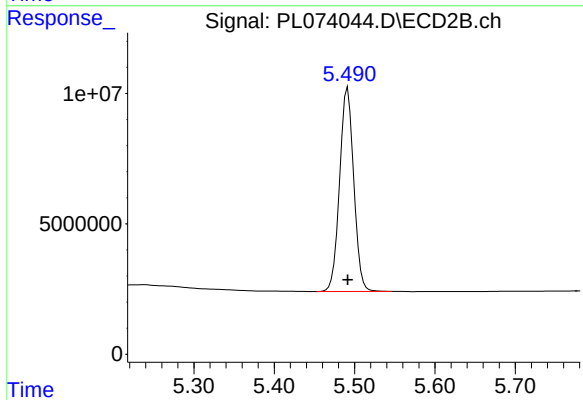
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 17365618
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

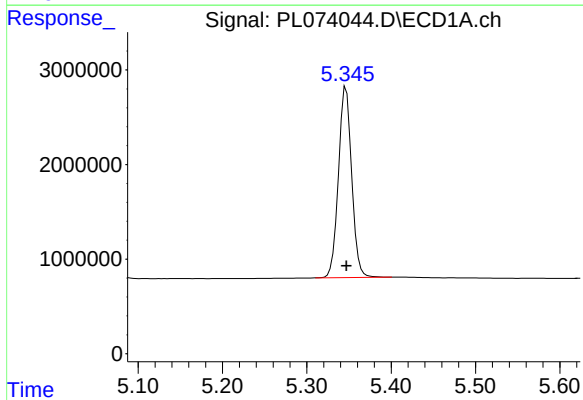
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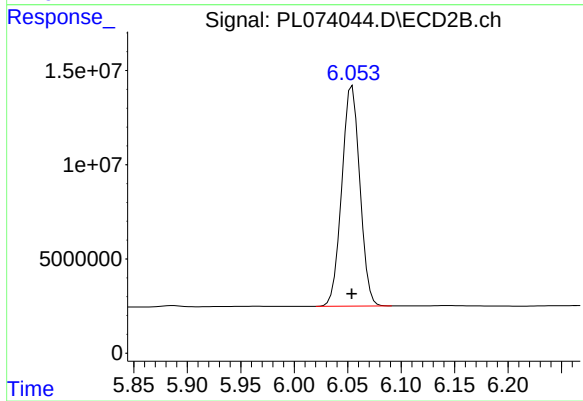
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 95596882
Conc: 53.62 ng/ml



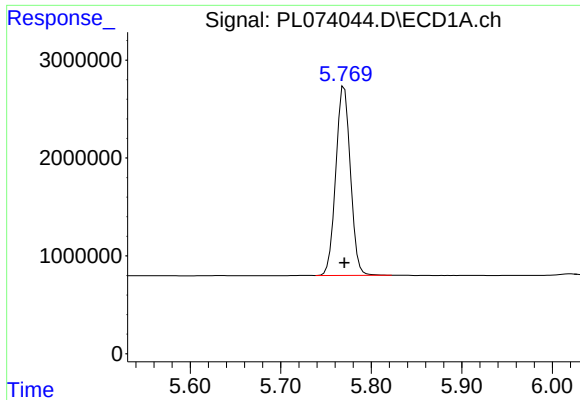
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 21985446
Conc: 52.39 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 137554726
Conc: 54.63 ng/ml



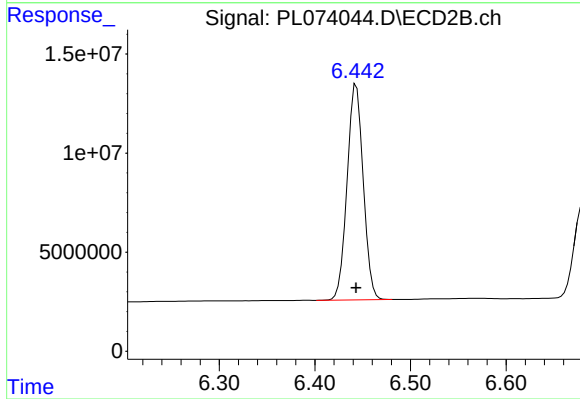
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 21651784
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

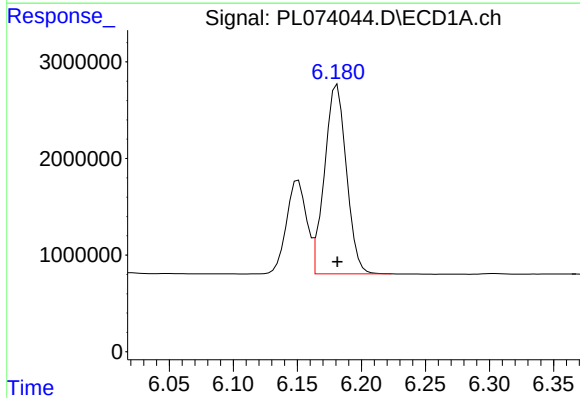
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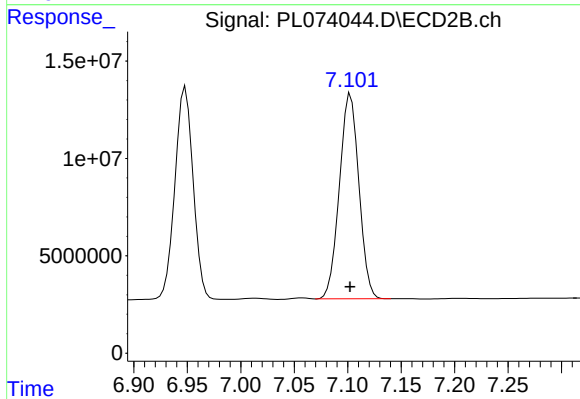
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 128377770
Conc: 54.23 ng/ml



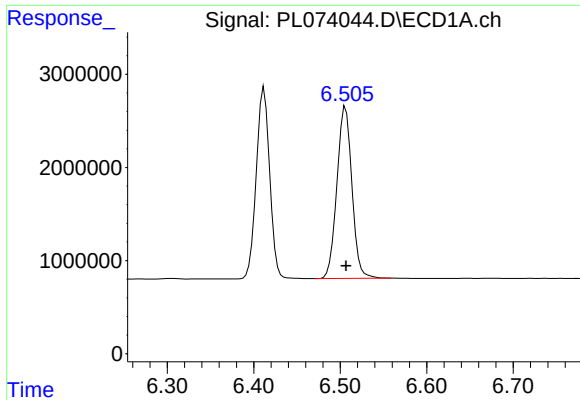
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 23229425
Conc: 51.57 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 133777252
Conc: 51.29 ng/ml



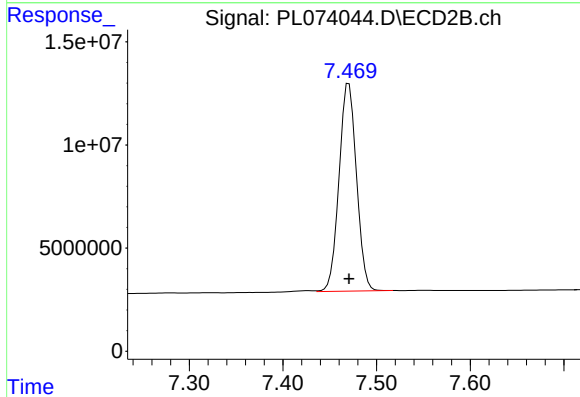
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 22116316
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

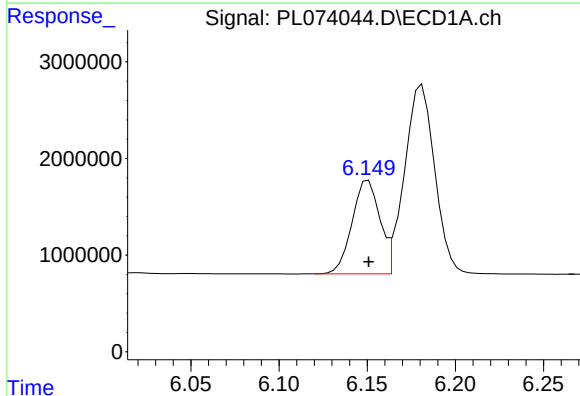
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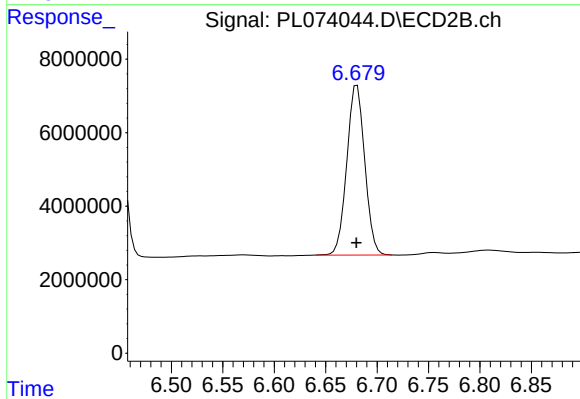
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 130667935
Conc: 55.64 ng/ml



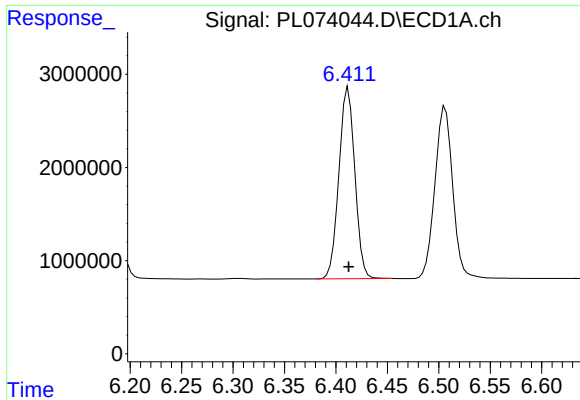
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 10553504
Conc: 51.65 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 56095277
Conc: 49.77 ng/ml



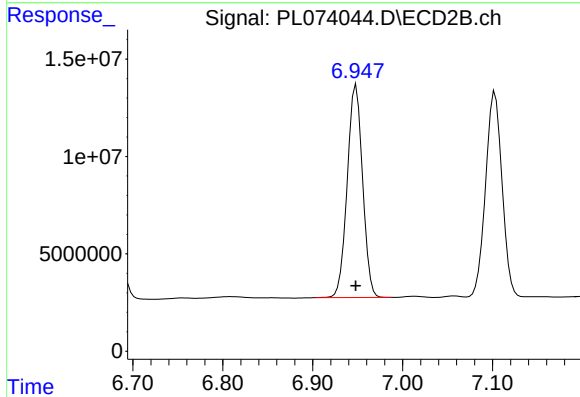
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 22114038
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

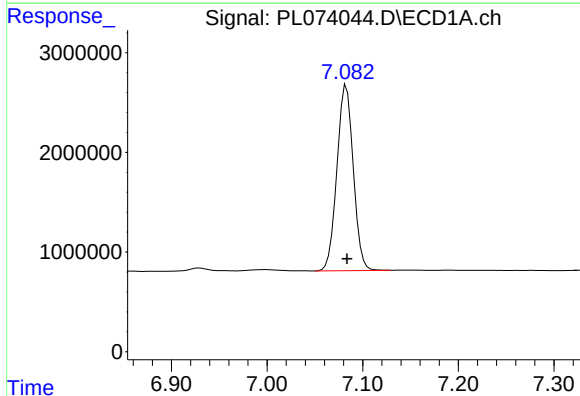
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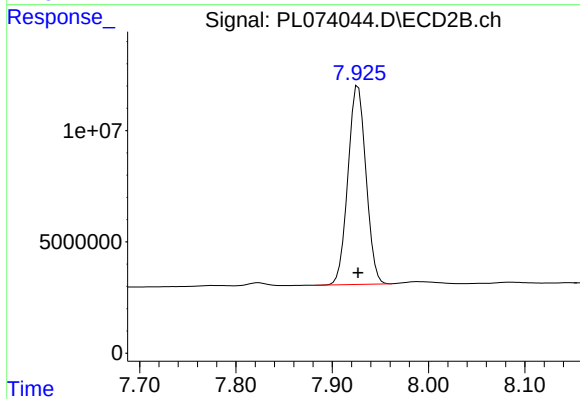
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 129458934
Conc: 53.01 ng/ml



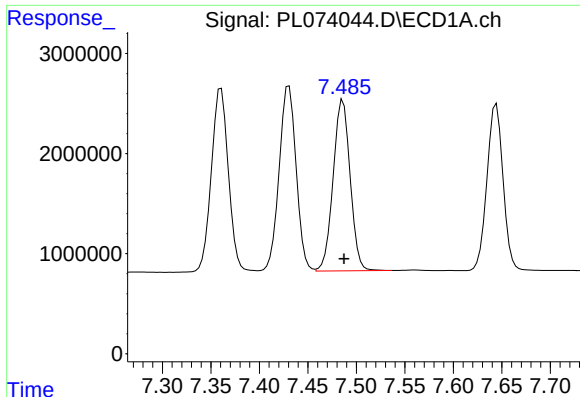
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 22129256
Conc: 51.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 115530914
Conc: 51.31 ng/ml



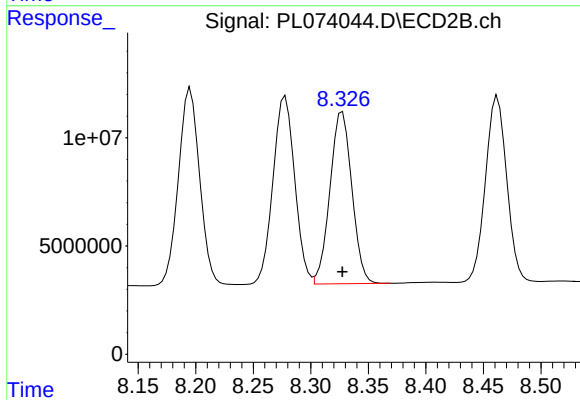
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 20860938
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

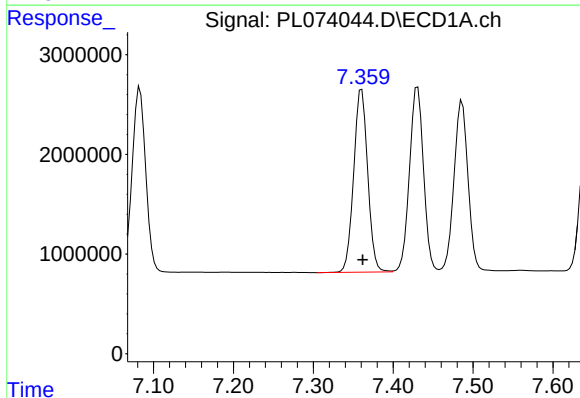
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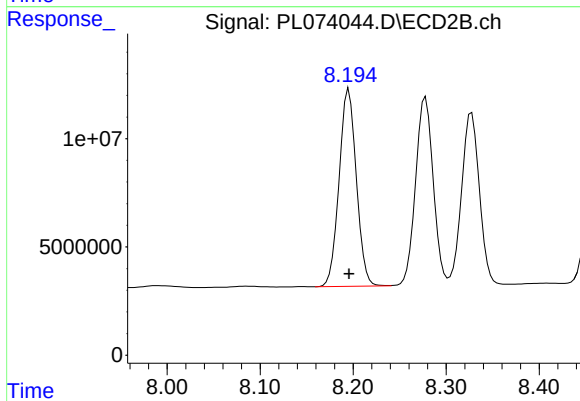
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 105355529
Conc: 53.52 ng/ml



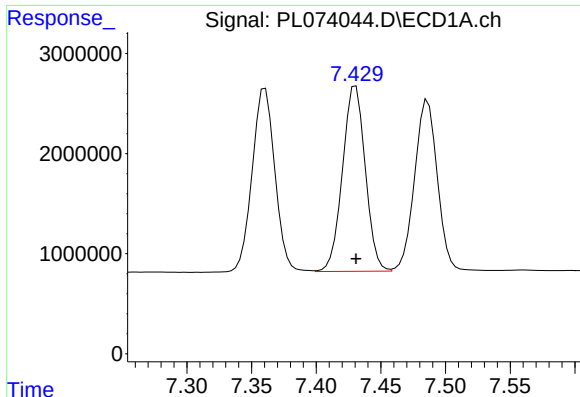
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 22403868
Conc: 51.08 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 117496786
Conc: 52.68 ng/ml



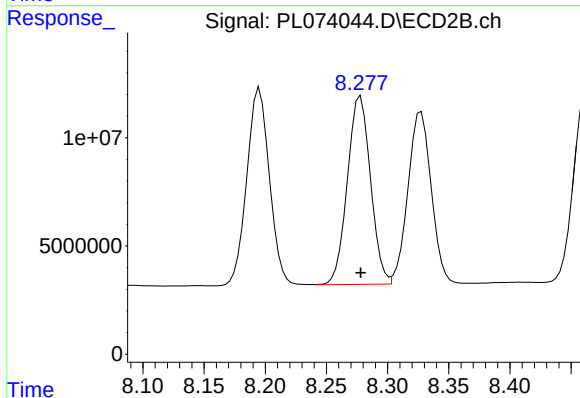
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 22670502
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

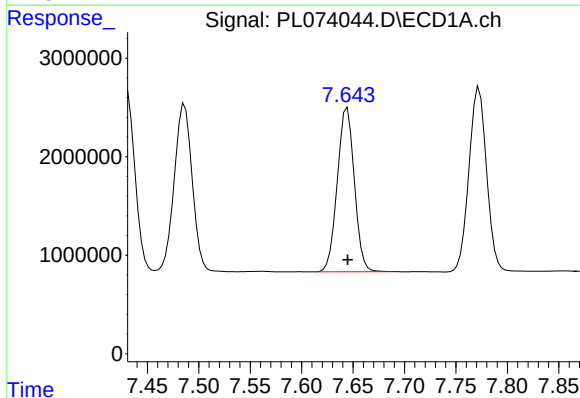
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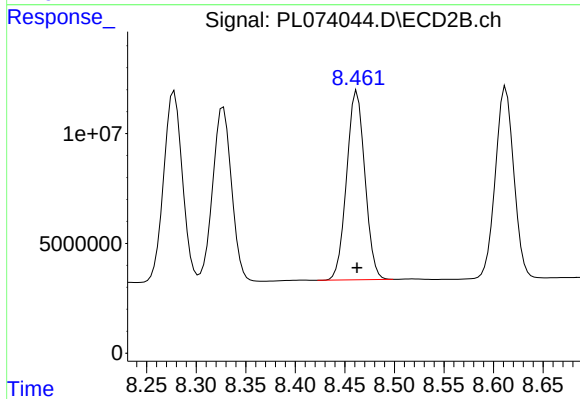
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 114670690
Conc: 53.27 ng/ml



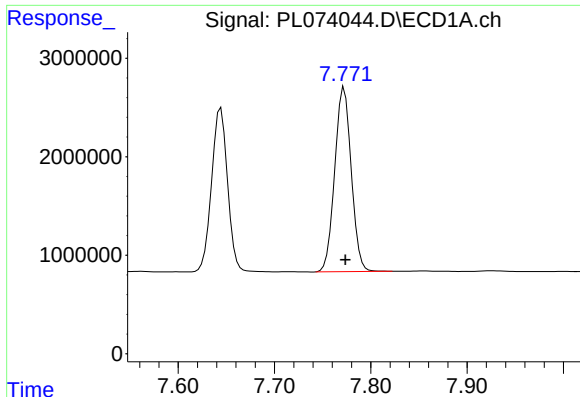
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 19193711
Conc: 52.61 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 110495321
Conc: 55.48 ng/ml



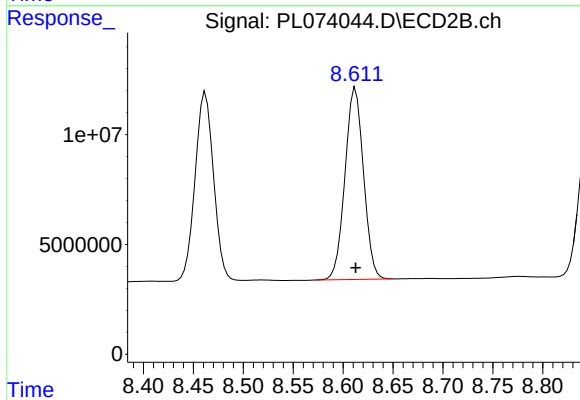
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 22332390
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

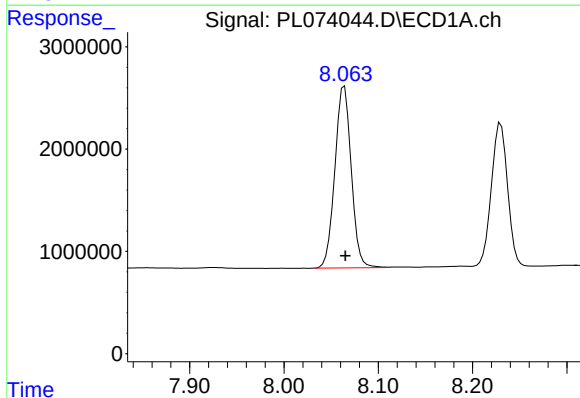
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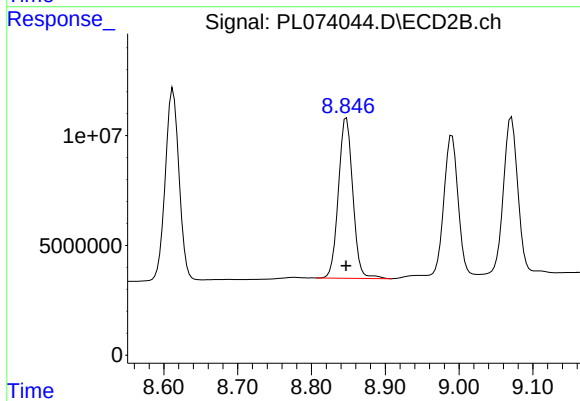
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 112837389
Conc: 56.27 ng/ml



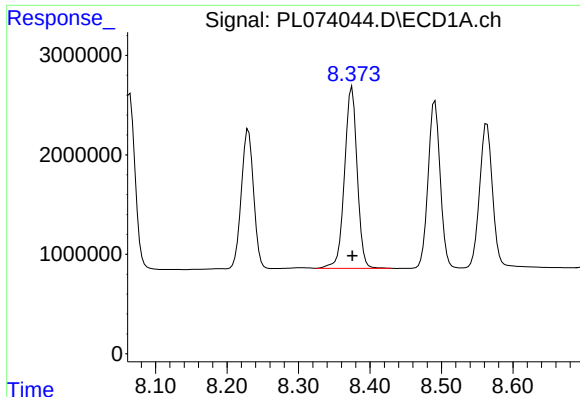
#14 Endrin

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 21434605
Conc: 52.76 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 98854706
Conc: 58.37 ng/ml



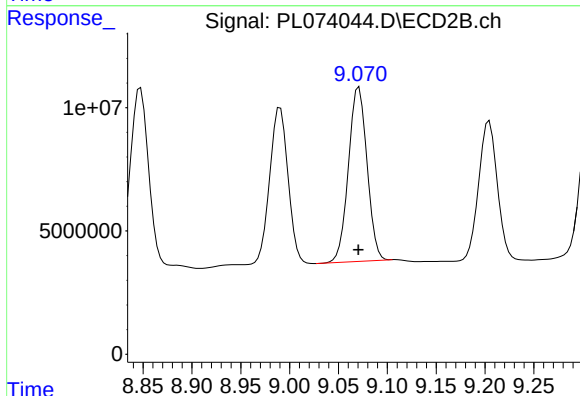
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 22482693
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

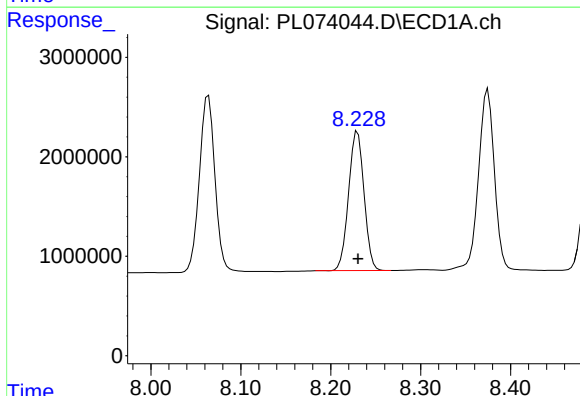
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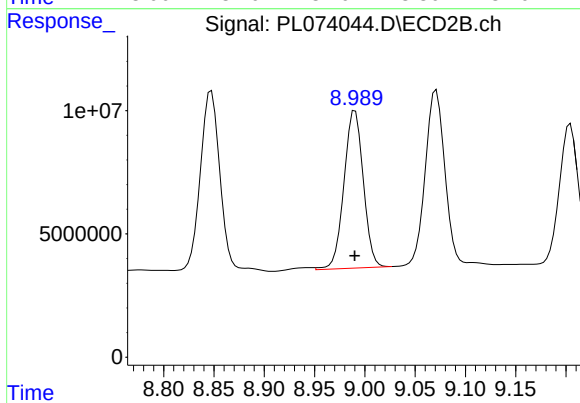
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 93740426
Conc: 53.96 ng/ml



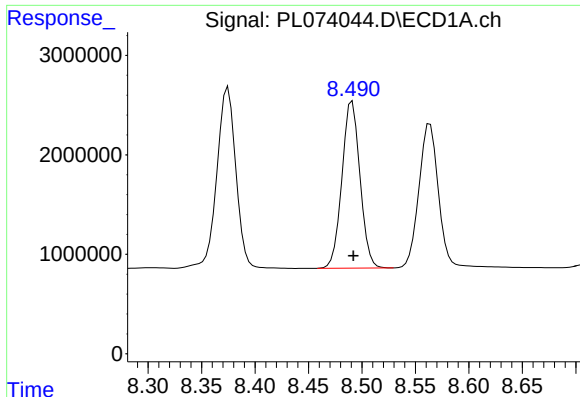
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 16708898
Conc: 51.74 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 85080883
Conc: 55.30 ng/ml



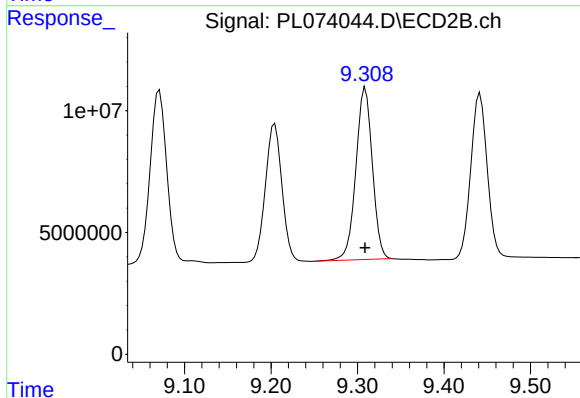
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 19731452
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

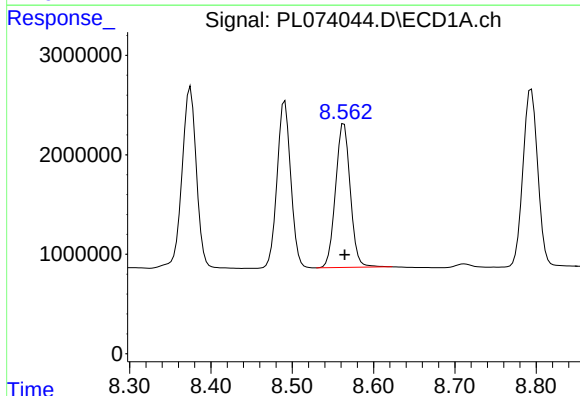
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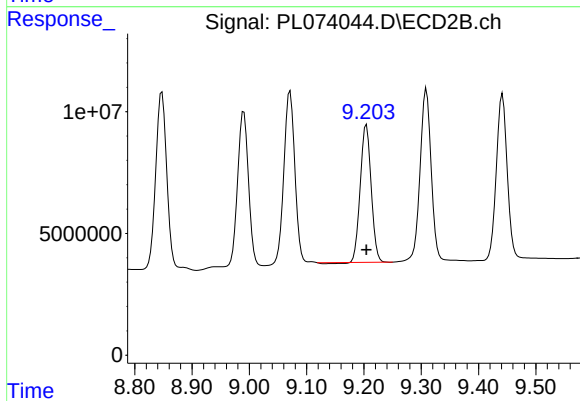
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 93442846
Conc: 52.71 ng/ml



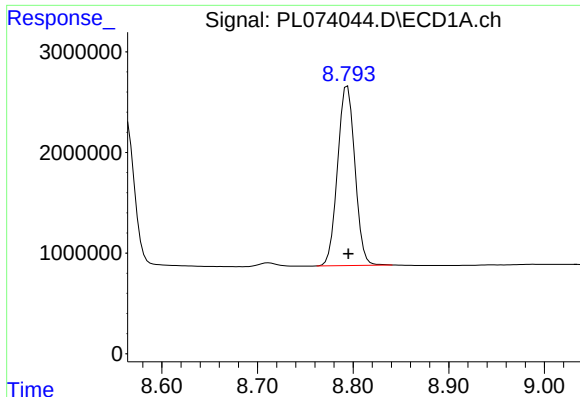
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 18221222
Conc: 56.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 73623610
Conc: 57.00 ng/ml



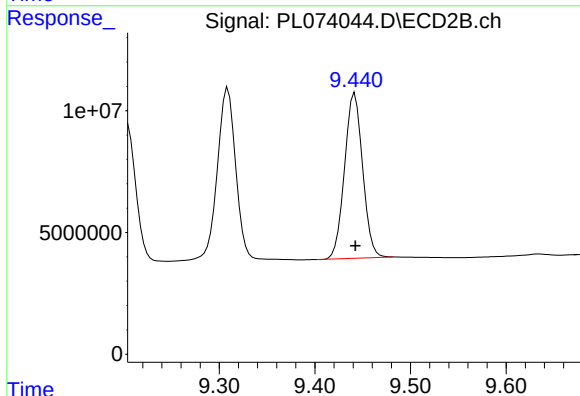
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 22508383
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

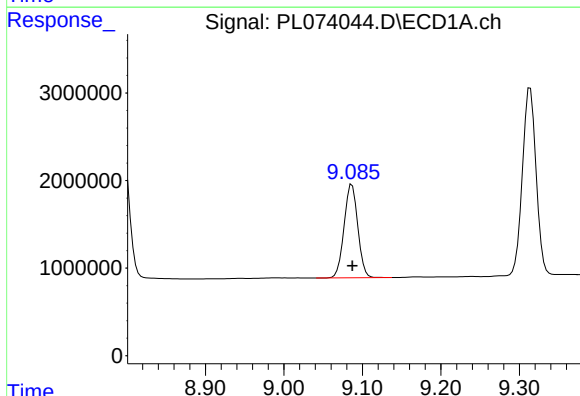
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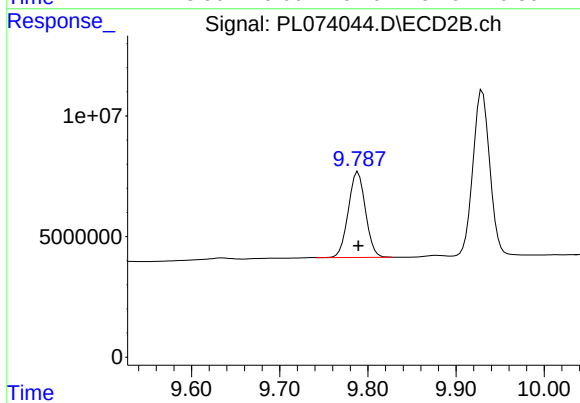
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 89480257
Conc: 53.76 ng/ml



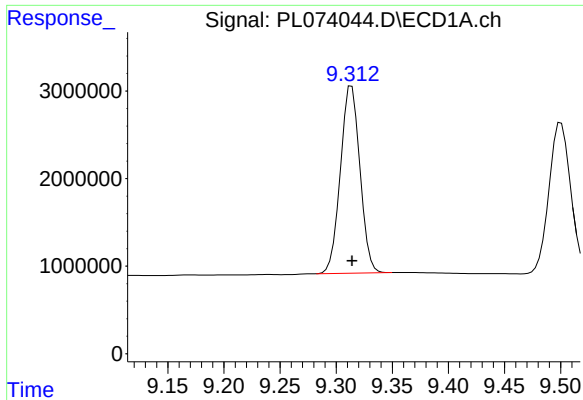
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 12980506
Conc: 52.28 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 48115030
Conc: 50.02 ng/ml m



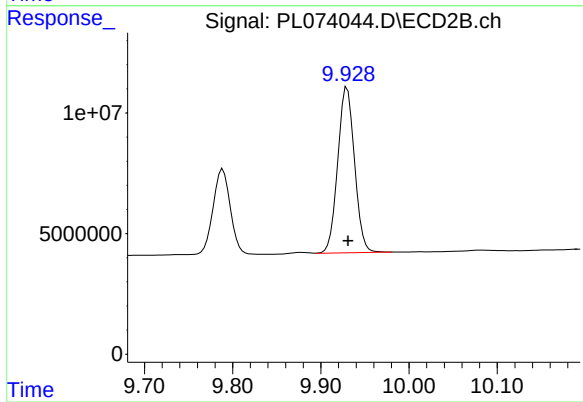
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 25888302
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

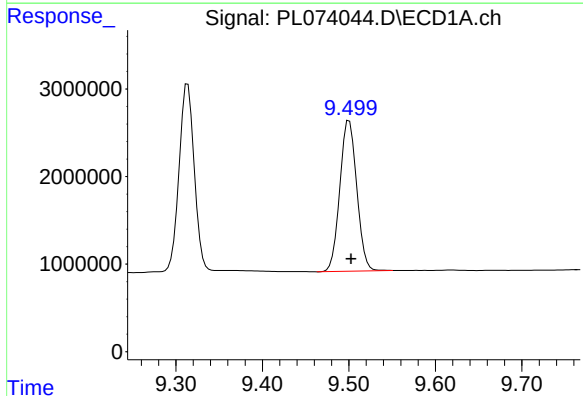
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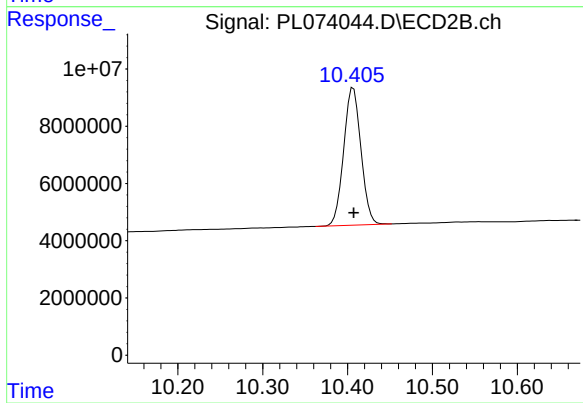
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 91147819
Conc: 52.66 ng/ml



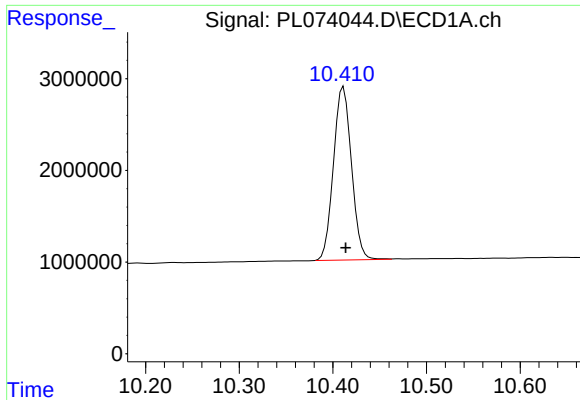
#22 Mirex

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 23296064
Conc: 49.95 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 67766708
Conc: 49.20 ng/ml



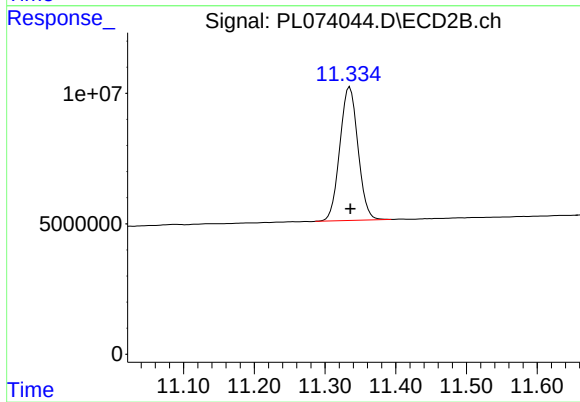
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.002 min
Response: 25276597
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 91342122
Conc: 51.71 ng/ml