

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 23:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 00:34:30 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...	4.633	5.490	16141375	89250916	49.956	50.057
28)	SA Decachlor...	10.401	11.333	23662825	85817124	45.503m	48.586
Target Compounds							
2)	A alpha-BHC	5.340	6.053	21643001	127.8E6	51.572	50.759
3)	MA gamma-BHC...	5.764	6.442	21632919	118.4E6	51.581	50.007
4)	MA Heptachlor	6.175	7.101	23390049	130.2E6	51.925	49.902
5)	MB Aldrin	6.499	7.469	21615568	116.9E6	52.080	49.776
6)	B beta-BHC	6.145	6.679	10361105	54153834	50.708	48.050
7)	B delta-BHC	6.406	6.947	21676671	121.3E6	52.401	49.672
8)	B Heptachlo...	7.076	7.925	22010878	112.8E6	51.315	50.104
9)	A Endosulfan I	7.479	8.326	21329313	99935982	52.007	50.763
10)	B gamma-Chl...	7.353	8.194	22600667	109.7E6	51.530	49.202
11)	B alpha-Chl...	7.423	8.277	22816616	107.5E6	51.648	49.958
12)	B 4,4'-DDE	7.635	8.461	19263309	100.8E6	52.803m	50.591
13)	MA Dieldrin	7.764	8.611	21738616	98649591	50.605m	49.195
14)	MA Endrin	8.056	8.846	20084531	87009634	49.441	51.374
15)	B Endosulfa...	8.367	9.070	19992589	80677741	48.507	46.440
16)	A 4,4'-DDD	8.222	8.987	16718465	76556310	51.772	49.757m
17)	MA 4,4'-DDT	8.484	9.307	18140260	82213051	49.076	46.378
18)	B Endrin al...	8.556	9.201	16153533	64416759	49.925	49.873m
19)	B Endosulfa...	8.787	9.440	20775333	79046438	48.652	47.495
20)	A Methoxychlor	9.079	9.787	11288272	41958291	45.468	43.623
21)	B Endrin ke...	9.304	9.929	24449839	84545337	50.045m	48.843
22)	Mirex	9.492	10.405	21939722	65675620	47.040	47.681

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 23:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

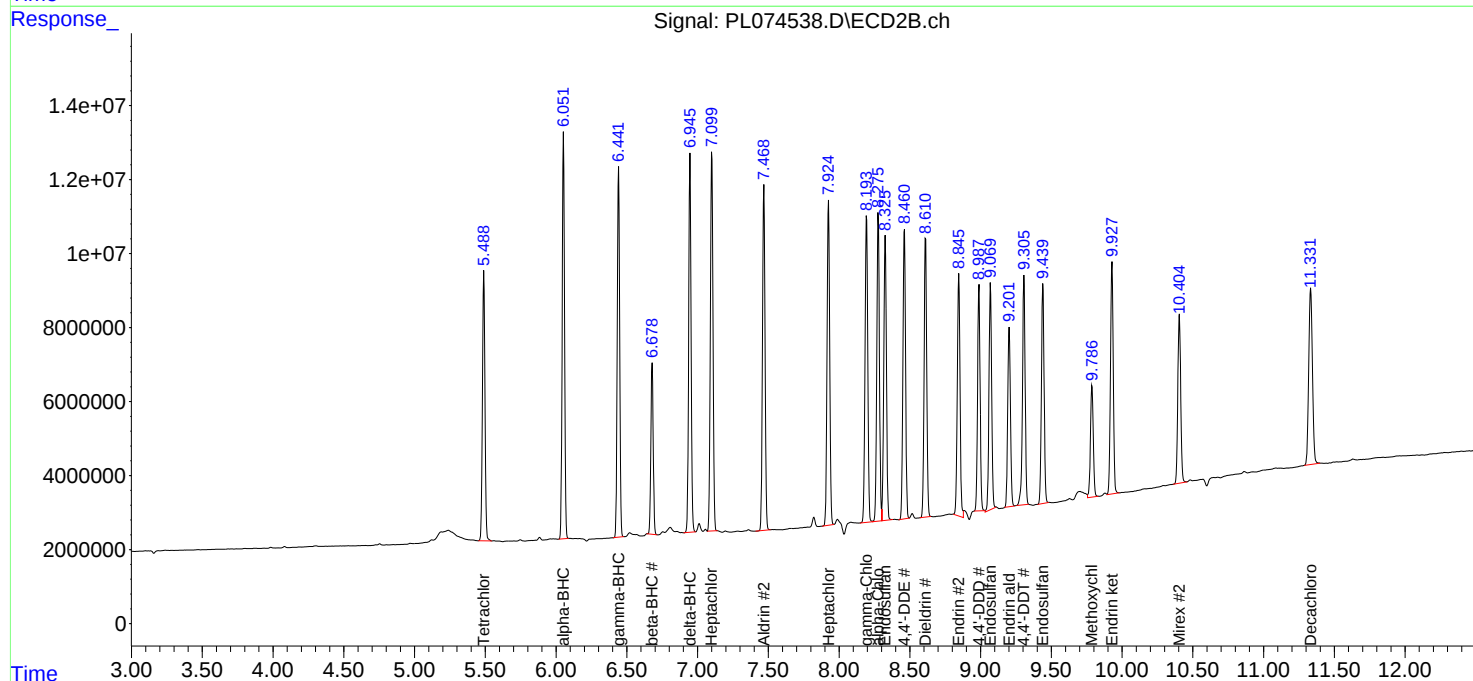
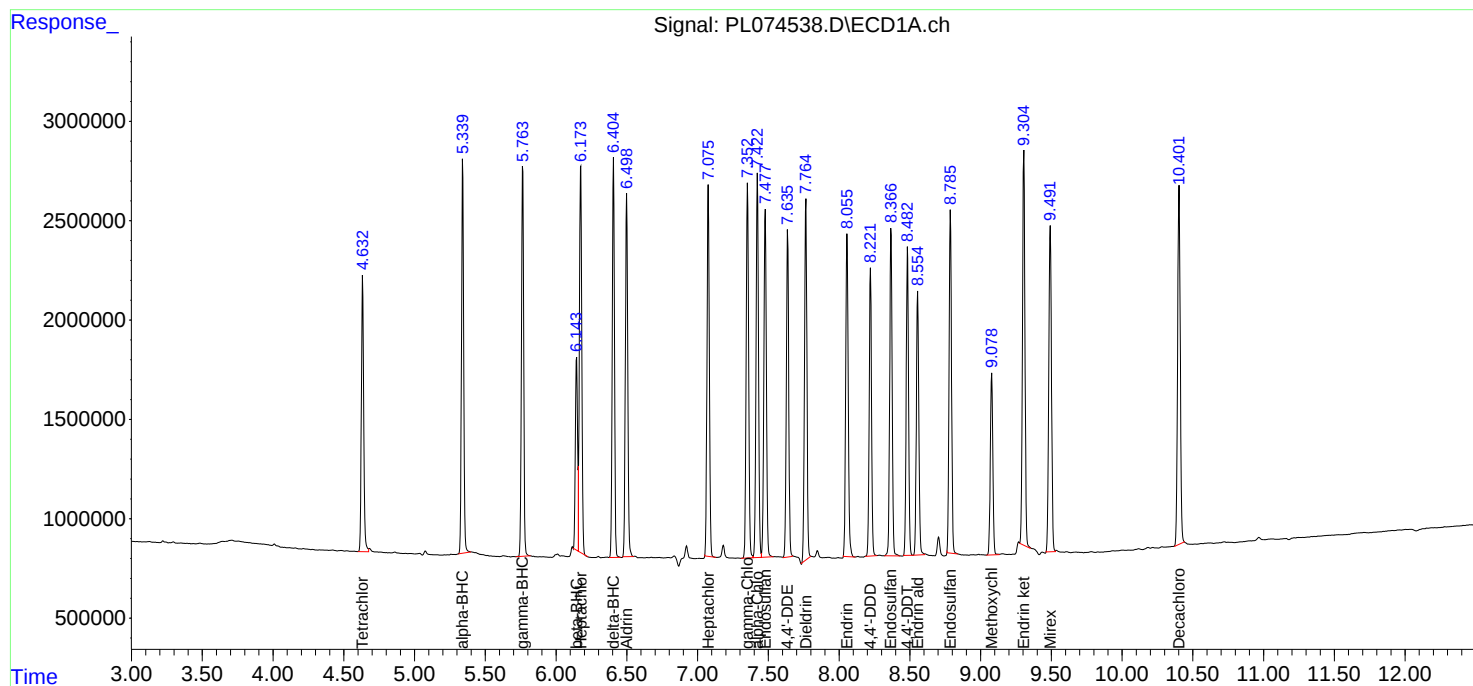
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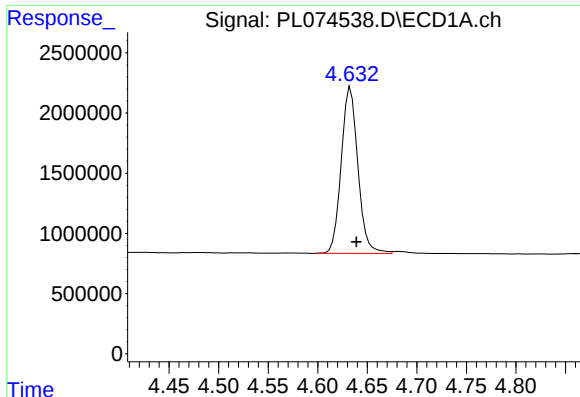
Reviewed By :Abdul Mirza 05/05/2022

Supervised By :mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 00:34:30 2022
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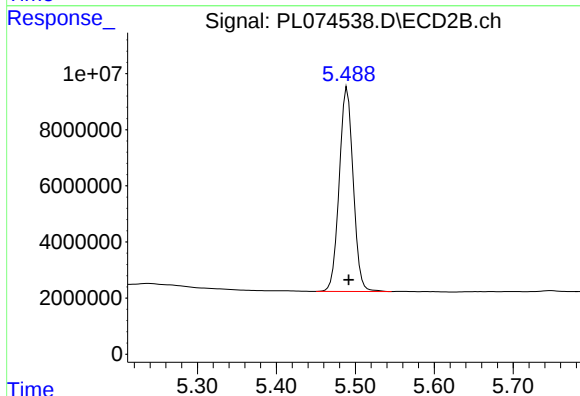
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 16141375
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

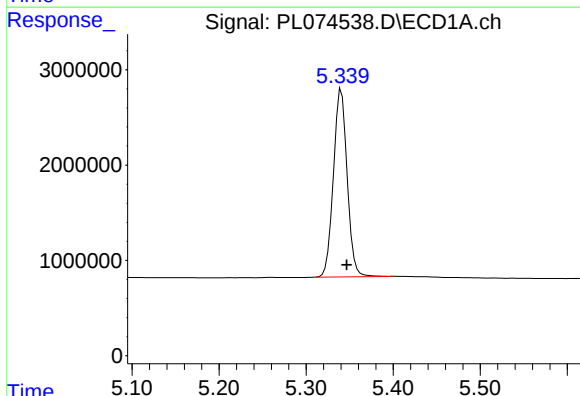
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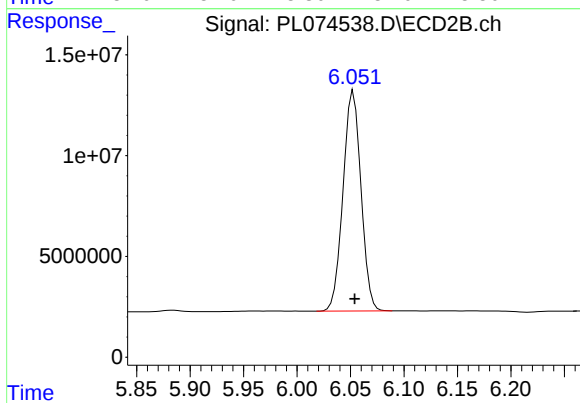
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 89250916
Conc: 50.06 ng/ml



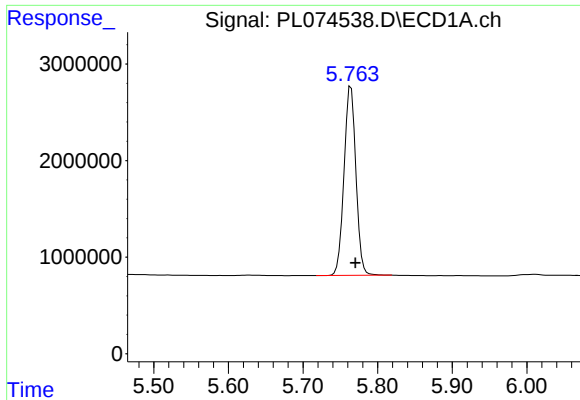
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.006 min
Response: 21643001
Conc: 51.57 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 127816139
Conc: 50.76 ng/ml



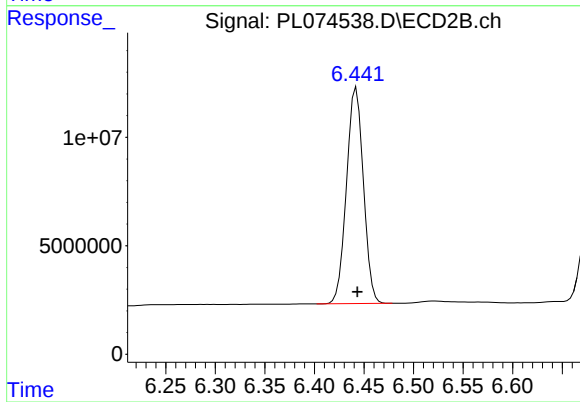
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 21632919
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

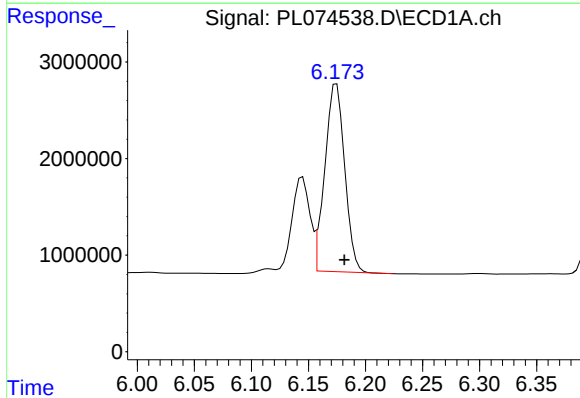
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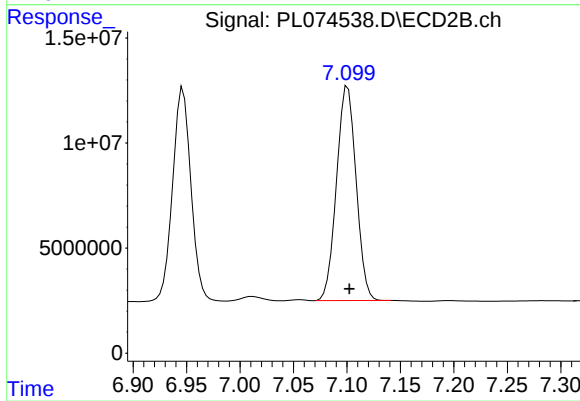
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 118372651
Conc: 50.01 ng/ml



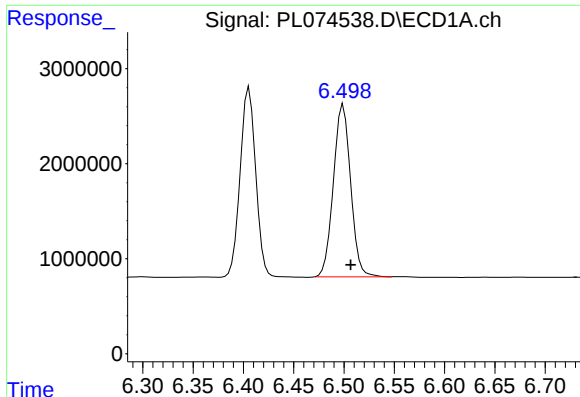
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.007 min
Response: 23390049
Conc: 51.92 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 130164075
Conc: 49.90 ng/ml



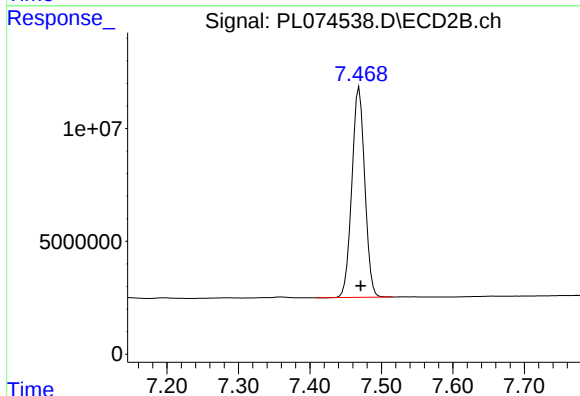
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 21615568
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

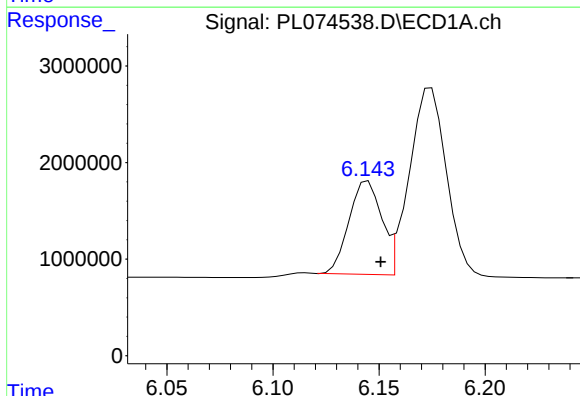
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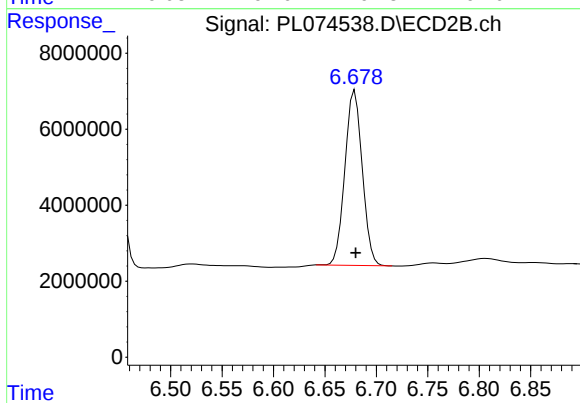
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 116903496
Conc: 49.78 ng/ml



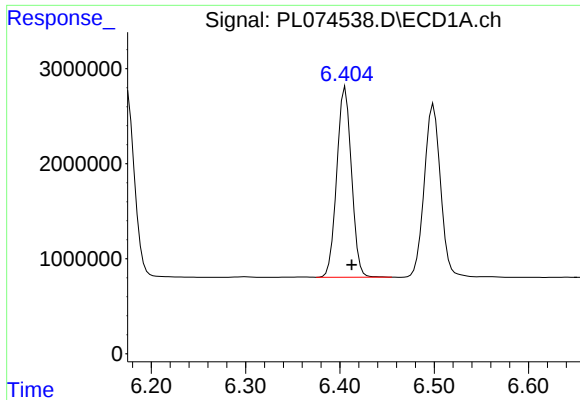
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10361105
Conc: 50.71 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 54153834
Conc: 48.05 ng/ml



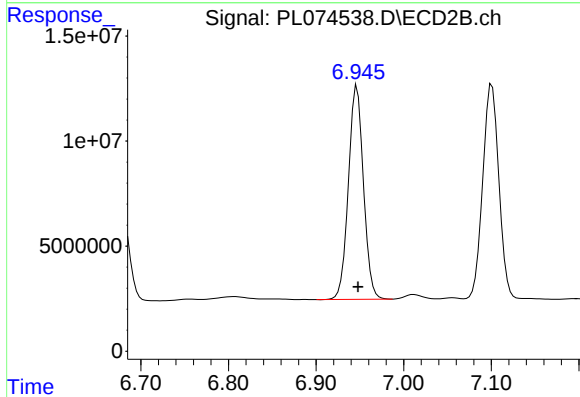
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 21676671
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

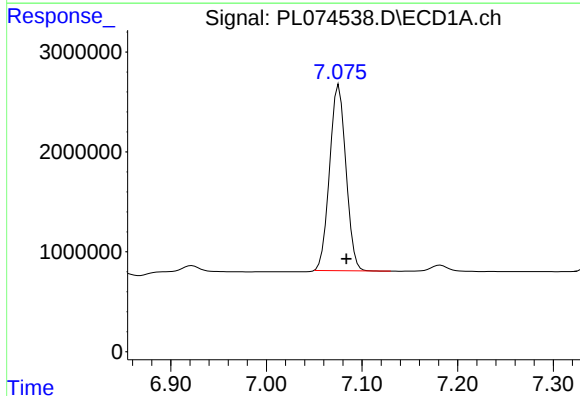
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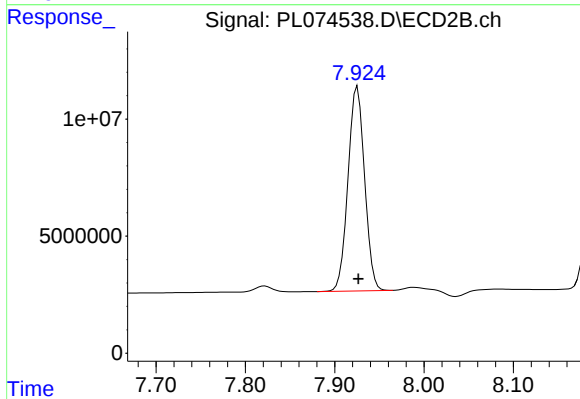
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 121312230
Conc: 49.67 ng/ml



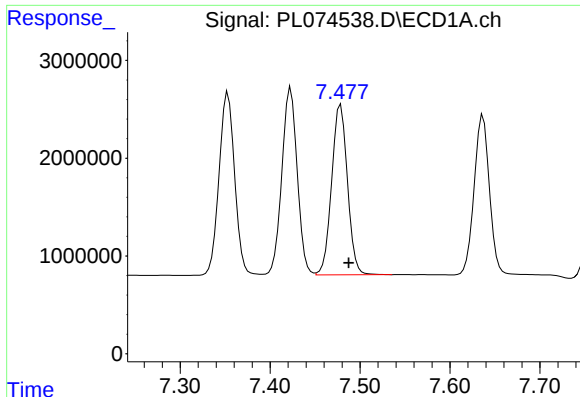
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 22010878
Conc: 51.31 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 112811302
Conc: 50.10 ng/ml



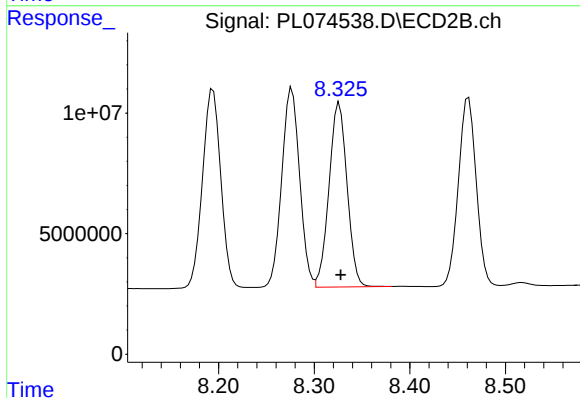
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 21329313
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

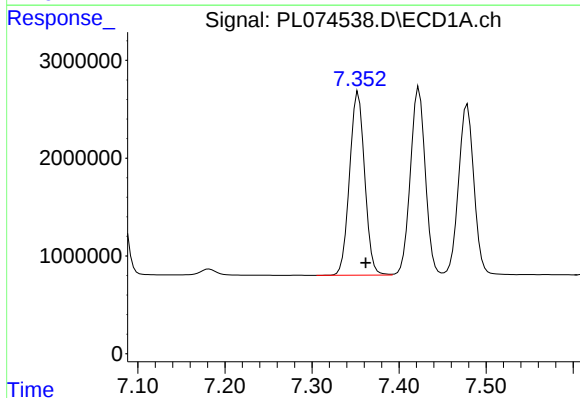
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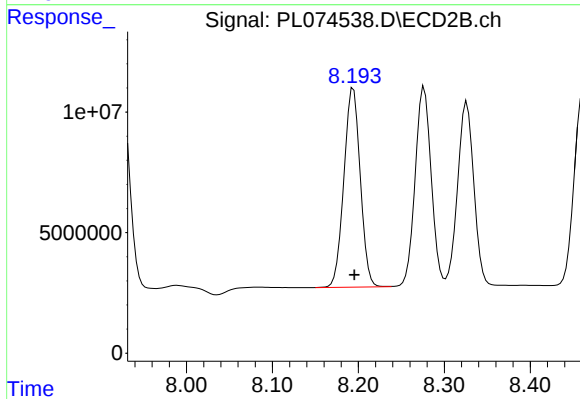
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 99935982
Conc: 50.76 ng/ml



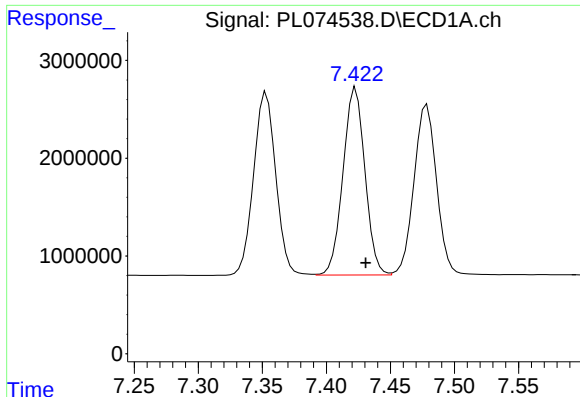
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 22600667
Conc: 51.53 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 109738876
Conc: 49.20 ng/ml



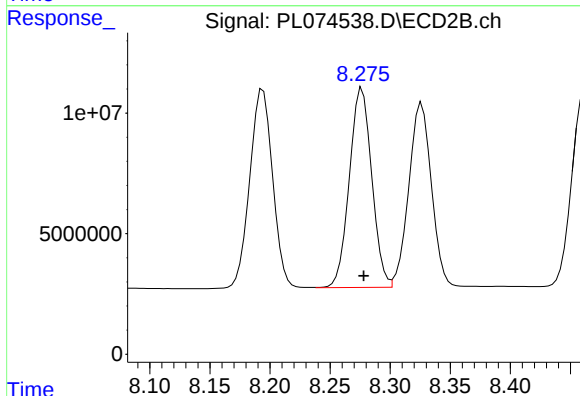
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 22816616
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

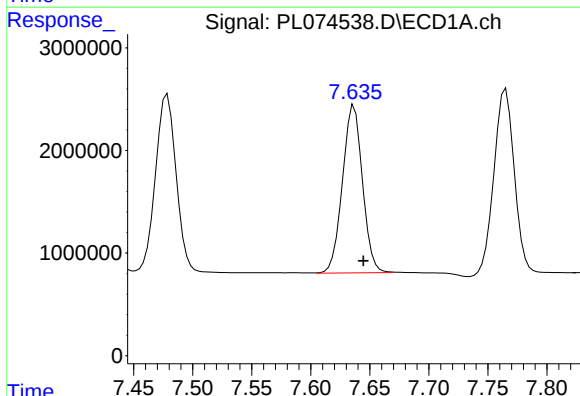
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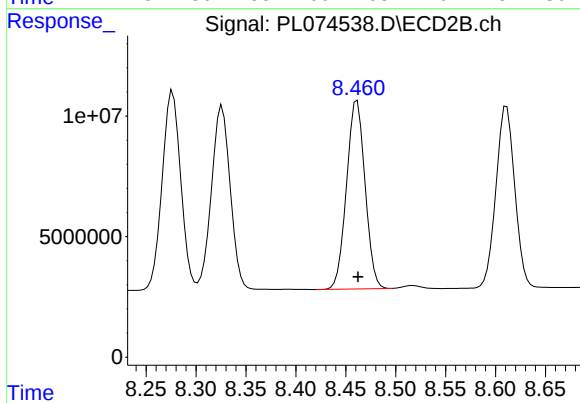
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 107539038
Conc: 49.96 ng/ml



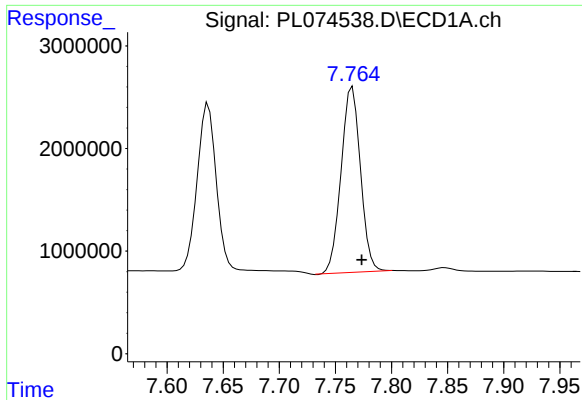
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 19263309
Conc: 52.80 ng/ml m



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 100762677
Conc: 50.59 ng/ml



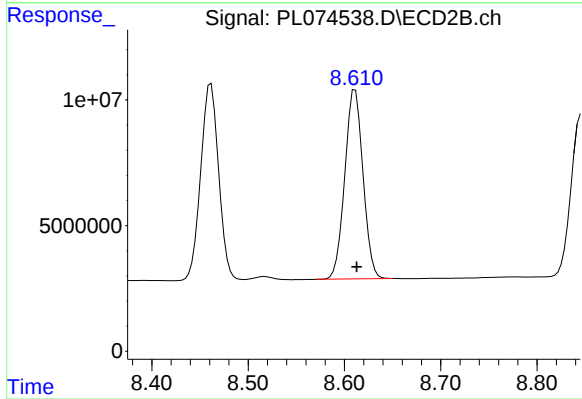
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 21738616
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

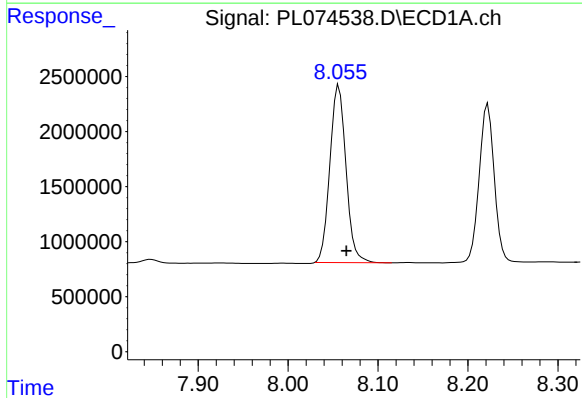
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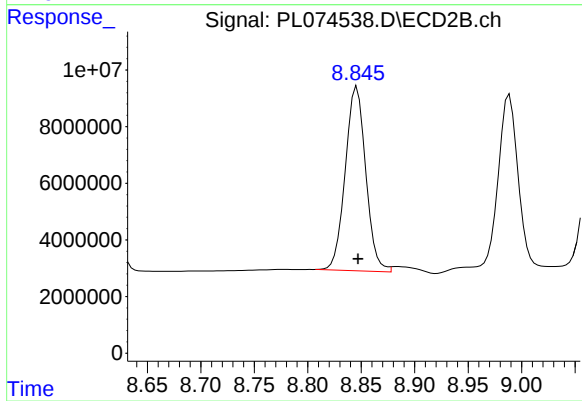
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 98649591
Conc: 49.19 ng/ml



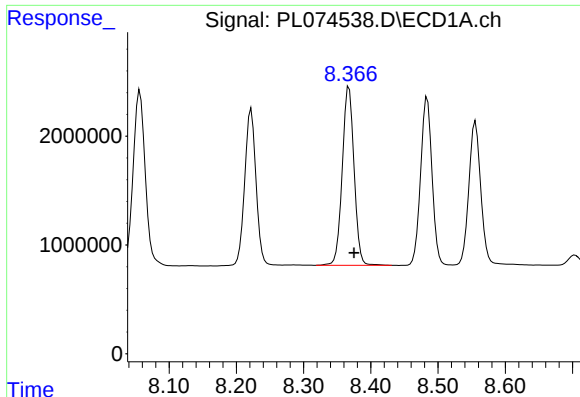
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.008 min
Response: 20084531
Conc: 49.44 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 87009634
Conc: 51.37 ng/ml



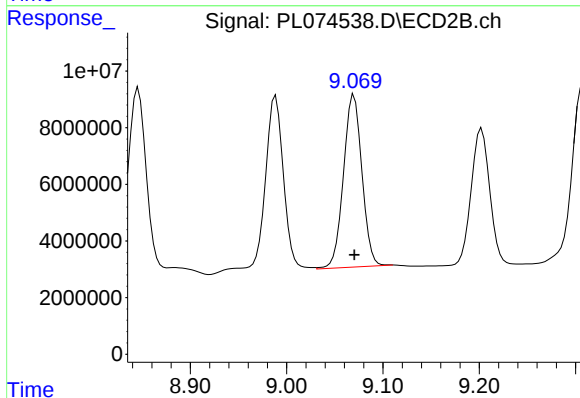
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 19992589
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

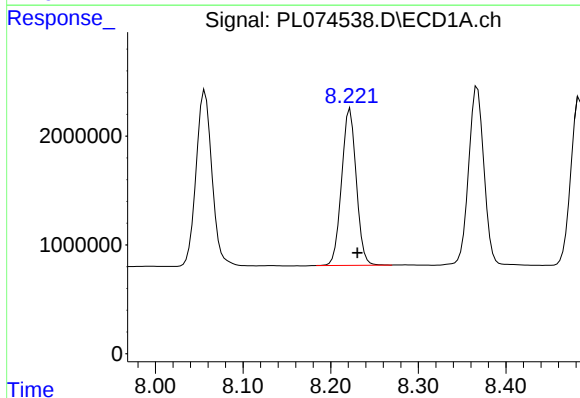
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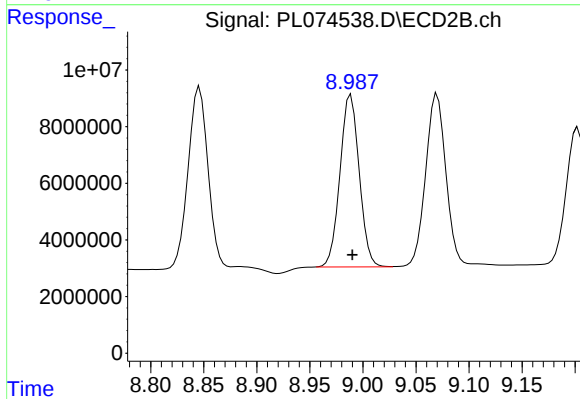
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 80677741
Conc: 46.44 ng/ml



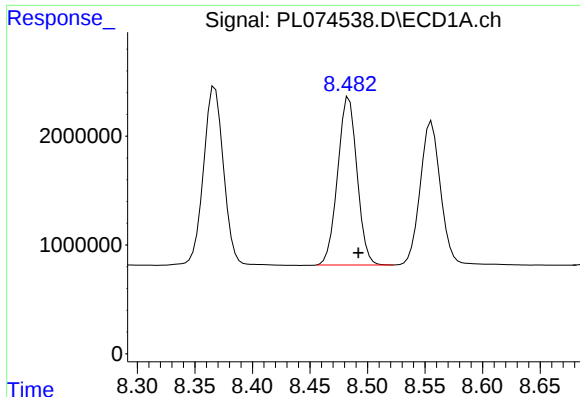
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 16718465
Conc: 51.77 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 76556310
Conc: 49.76 ng/ml m



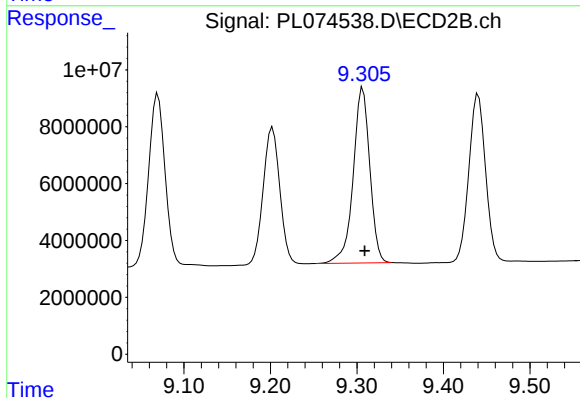
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18140260
Conc: 49.08 ng/ml

Instrument :
ECD_L
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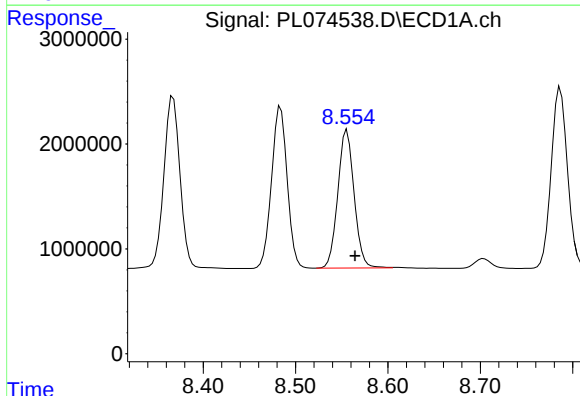
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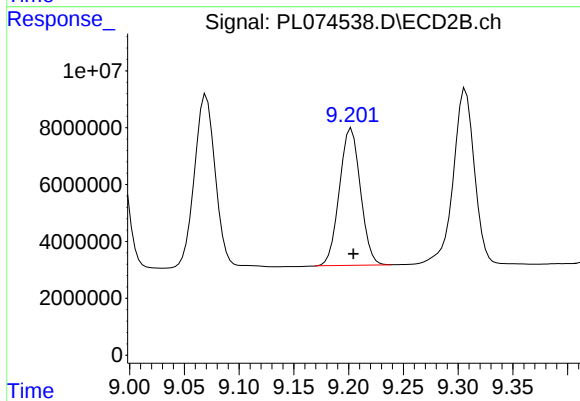
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 82213051
Conc: 46.38 ng/ml



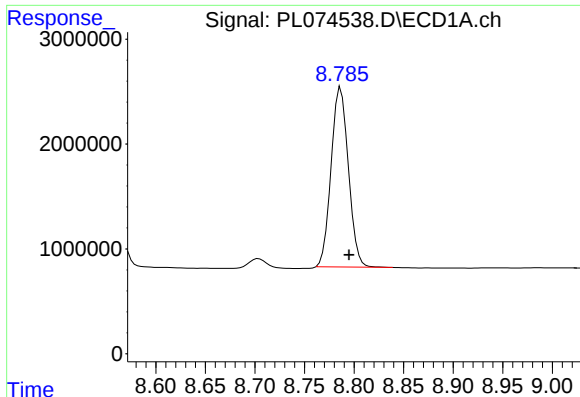
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.009 min
Response: 16153533
Conc: 49.93 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 64416759
Conc: 49.87 ng/ml m



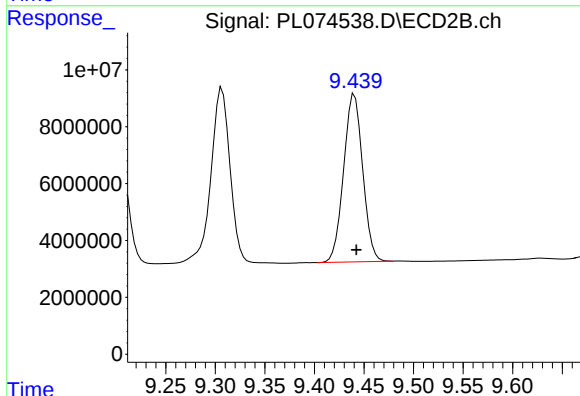
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 20775333
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

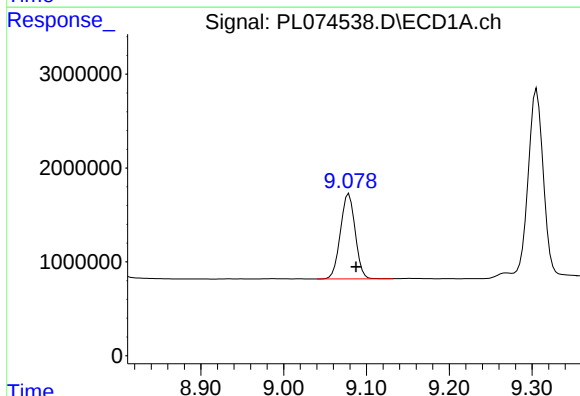
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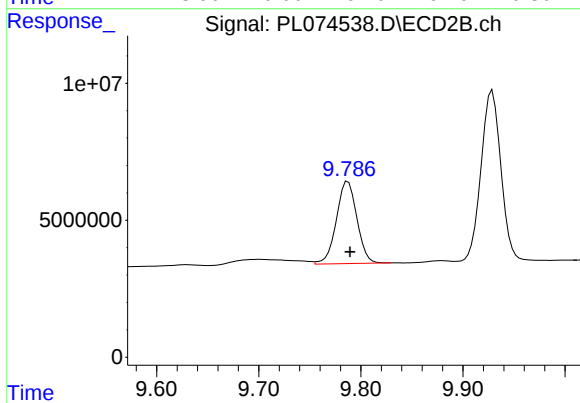
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 79046438
Conc: 47.49 ng/ml



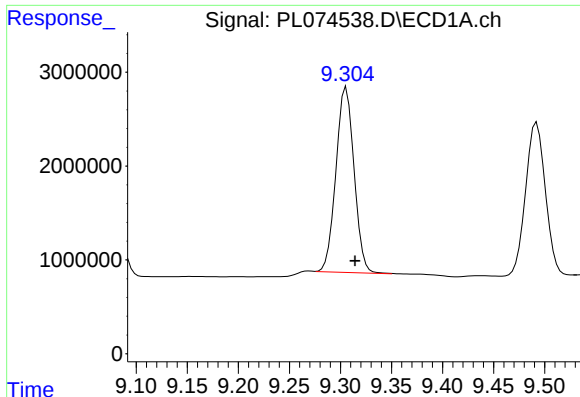
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 11288272
Conc: 45.47 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 41958291
Conc: 43.62 ng/ml



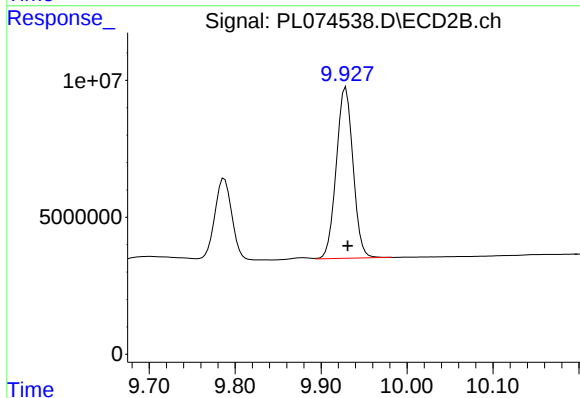
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 24449839
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

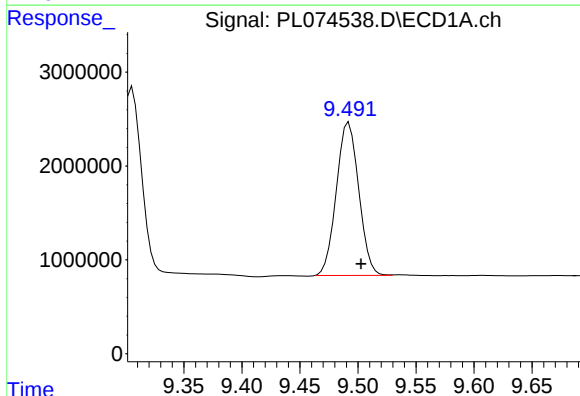
Manual Integrations
APPROVED

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



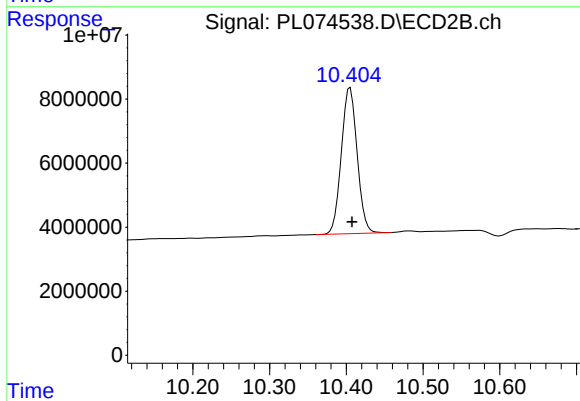
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 84545337
Conc: 48.84 ng/ml



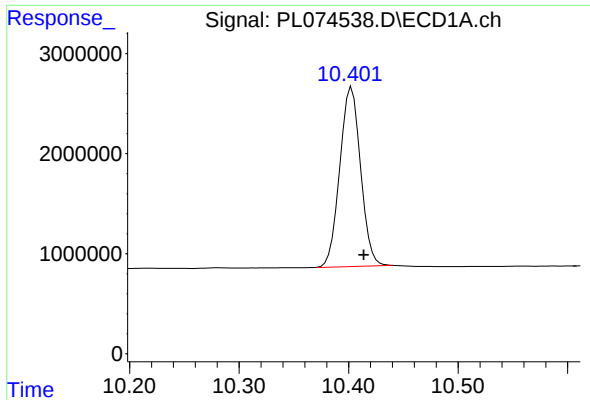
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 21939722
Conc: 47.04 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 65675620
Conc: 47.68 ng/ml



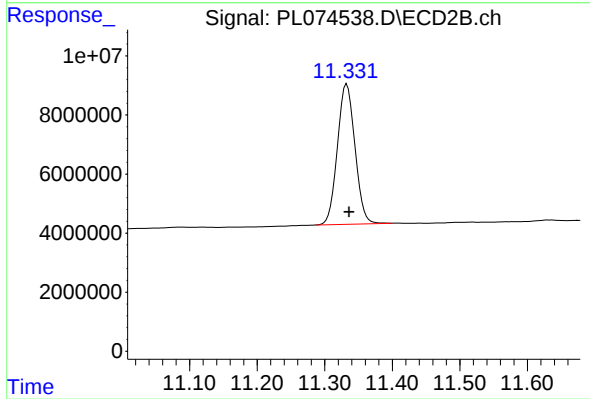
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.012 min
Response: 23662825
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 85817124
Conc: 48.59 ng/ml