

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 21:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:18:30 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...	5.645	4.650	24077561	65379352	47.421	47.635
28)	SA Decachlor...	11.645	10.403	22685799	58104078	50.798	56.609
Target Compounds							
2)	A alpha-BHC	6.229	5.353	33537743	88354362	49.021	52.501
3)	MA gamma-BHC...	6.628	5.773	31970139	85534172	49.528	51.764
4)	MA Heptachlor	7.283	6.184	32146795	82126309	49.811	54.107
5)	MB Aldrin	7.657	6.508	29940821	78886724	48.332	52.575
6)	B beta-BHC	6.879	6.150	14892416	39966748	49.899	50.338
7)	B delta-BHC	7.150	6.412	30981419	83788427	49.409	53.584
8)	B Heptachlo...	8.125	7.082	28396182	73952958	49.928	53.135
9)	A Endosulfan I	8.533	7.484	28446376	67937630	49.343	54.300
10)	B gamma-Chl...	8.395	7.358	26625835	74451093	51.476	53.723
11)	B alpha-Chl...	8.477	7.428	30050874	73861713	49.223	54.638
12)	B 4,4'-DDE	8.662	7.640	23727349	65203902	51.255	55.412
13)	MA Dieldrin	8.824	7.770	26178869	70713627	49.807	55.509
14)	MA Endrin	9.065	8.060	21606402	58966907	52.359	55.824
15)	B Endosulfa...	9.299	8.369	22278871	59023487	50.679	52.251
16)	A 4,4'-DDD	9.204	8.224	20428910	54788285	45.184	55.615
17)	MA 4,4'-DDT	9.522	8.485	22678800	58523736	49.341m	58.494
18)	B Endrin al...	9.433	8.557	18492068	44611064	52.249	55.856
19)	B Endosulfa...	9.672	8.787	22826199	59586559	50.504	54.740
20)	A Methoxychlor	10.010	9.078	12982429	33955714	53.008	58.104
21)	B Endrin ke...	10.175	9.306	26147476	65713307	50.986	58.942
22)	Mirex	10.648	9.496	20775117	55232458	51.486	57.023

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 21:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

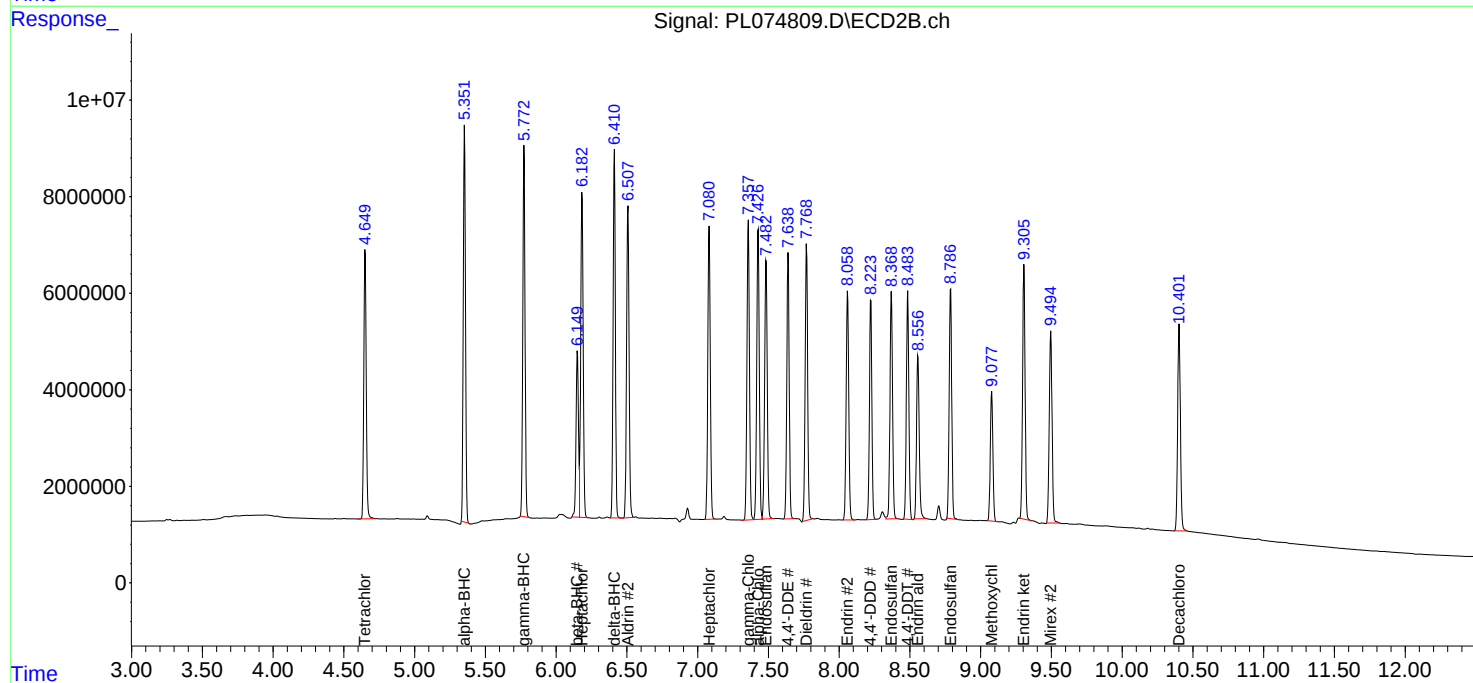
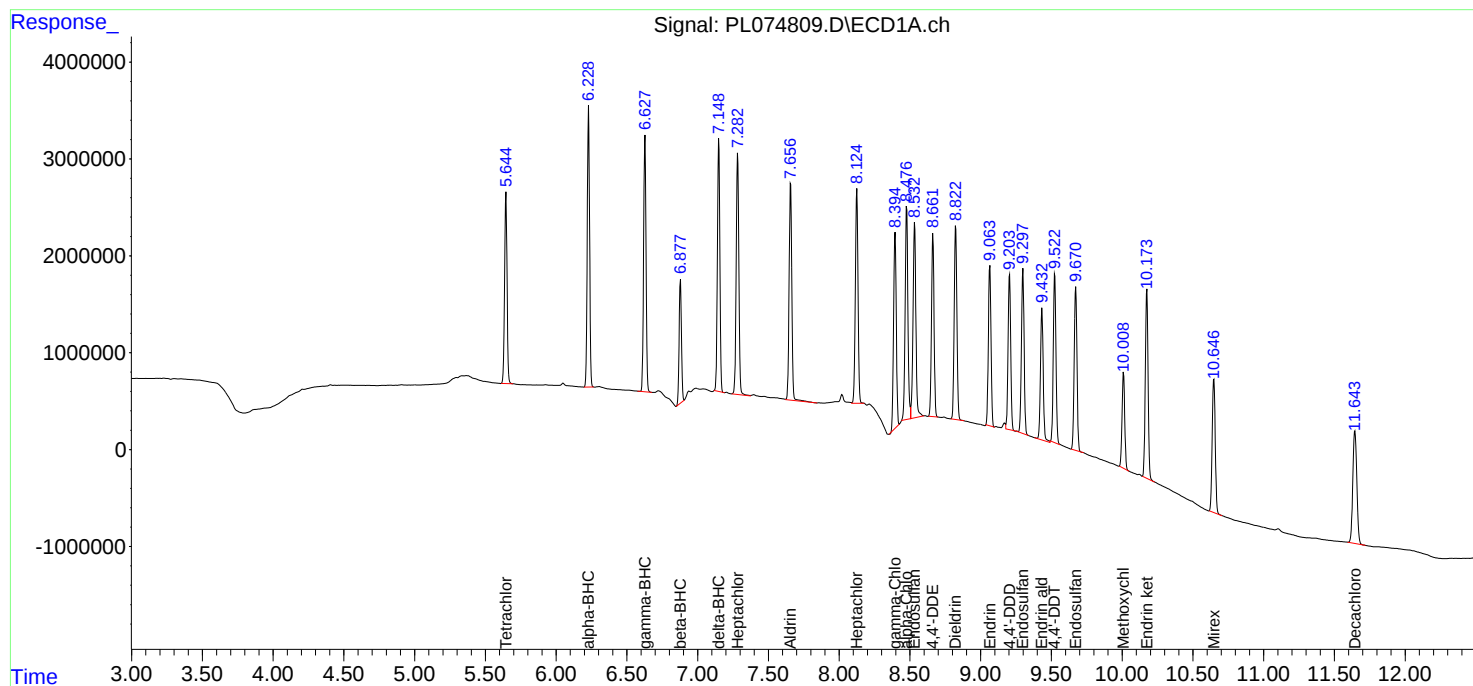
APPROVED

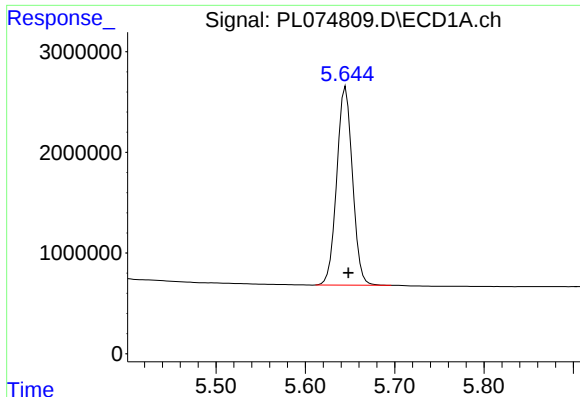
Reviewed By :Abdul Mirza 05/19/2022

Supervised By :mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:18:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





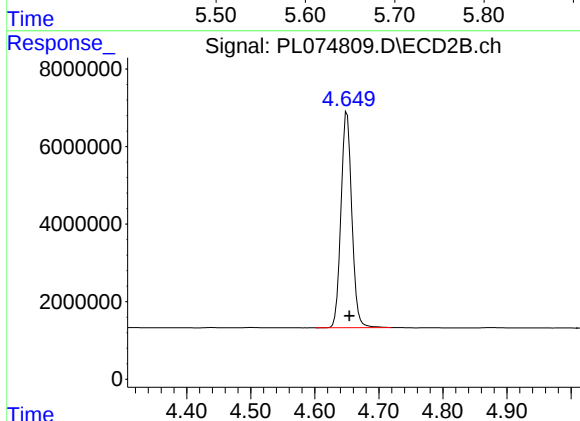
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 24077561
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

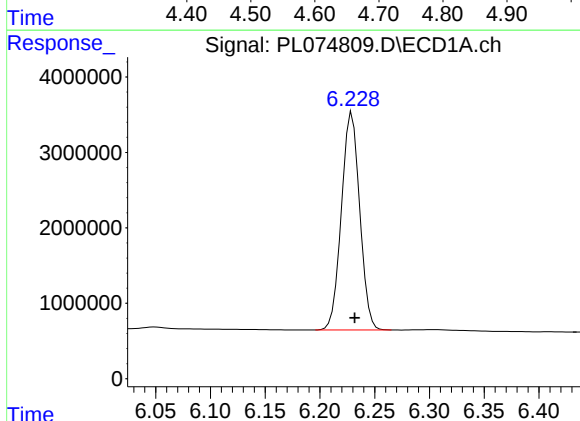
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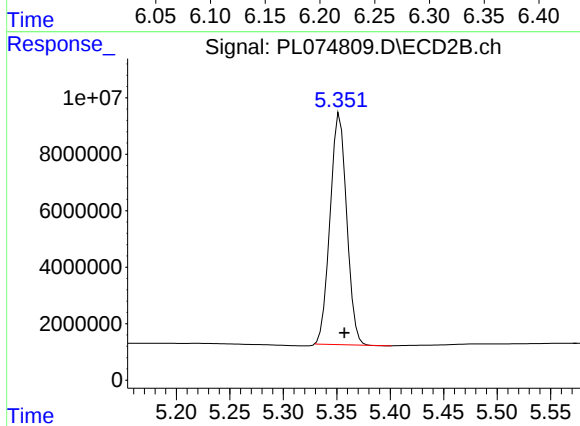
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 65379352
Conc: 47.63 ng/ml



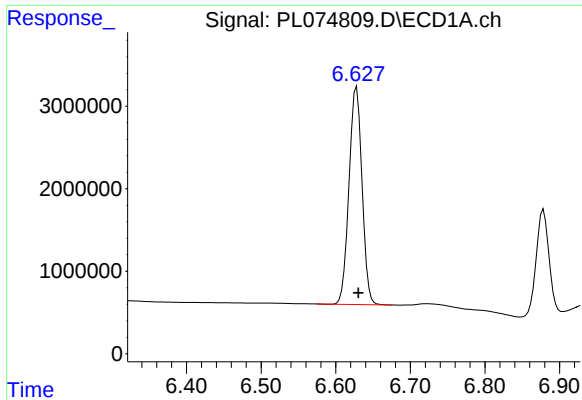
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 33537743
Conc: 49.02 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 88354362
Conc: 52.50 ng/ml



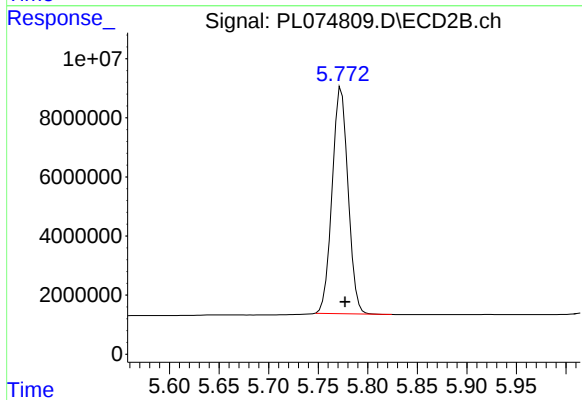
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 31970139
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

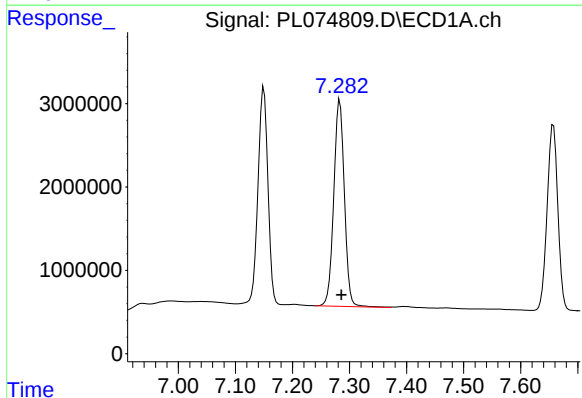
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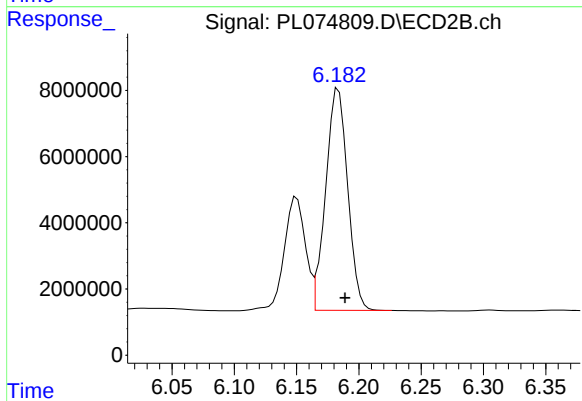
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 85534172
Conc: 51.76 ng/ml



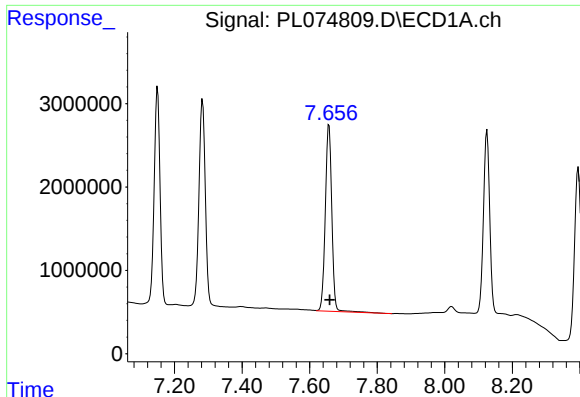
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 32146795
Conc: 49.81 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 82126309
Conc: 54.11 ng/ml



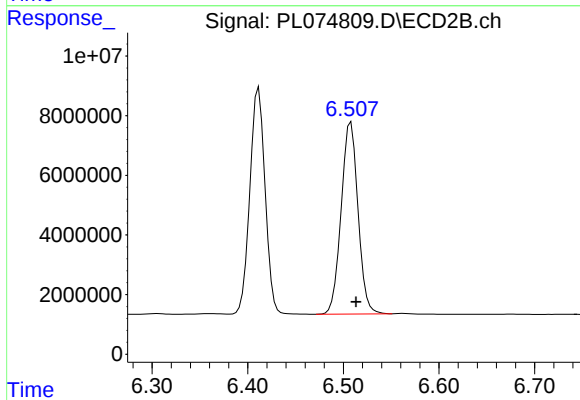
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 29940821
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

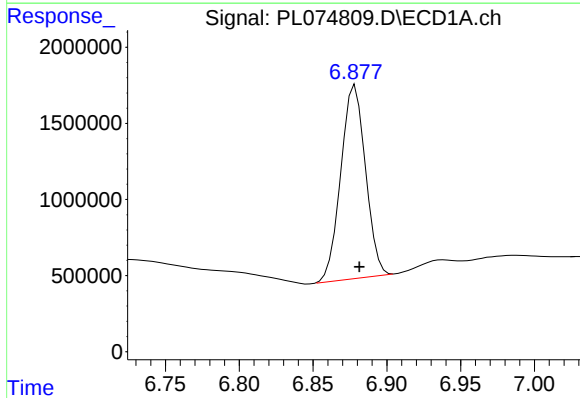
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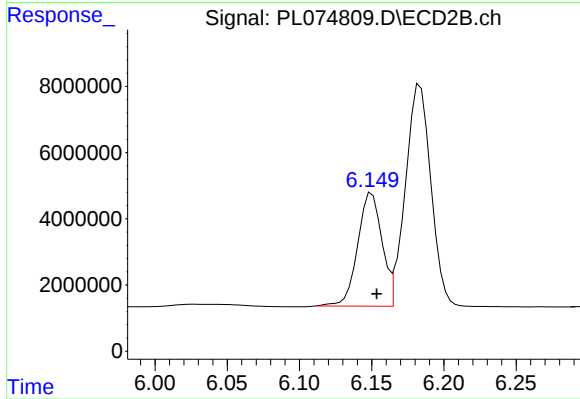
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 78886724
Conc: 52.57 ng/ml



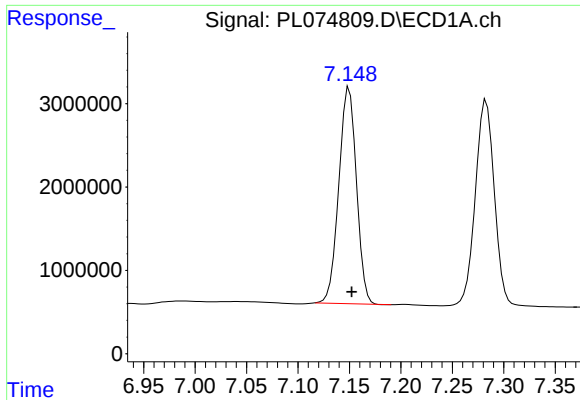
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 14892416
Conc: 49.90 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 39966748
Conc: 50.34 ng/ml



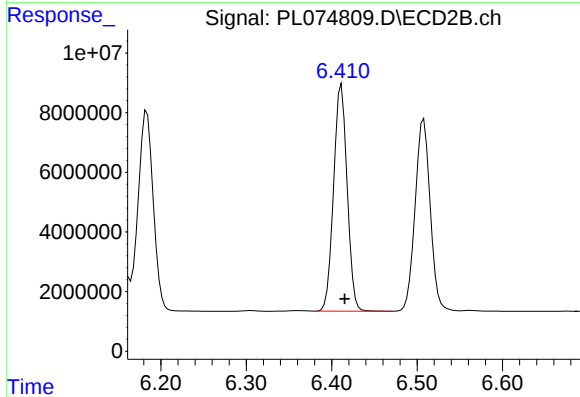
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 30981419
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

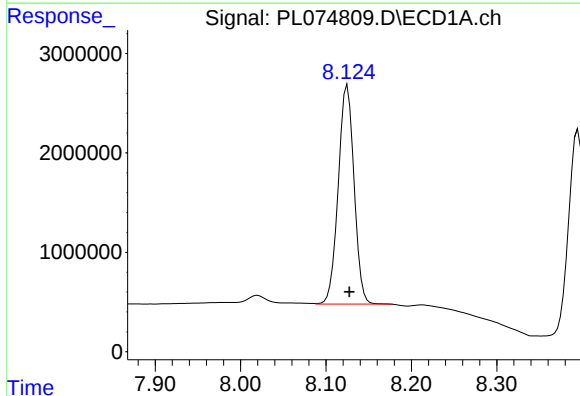
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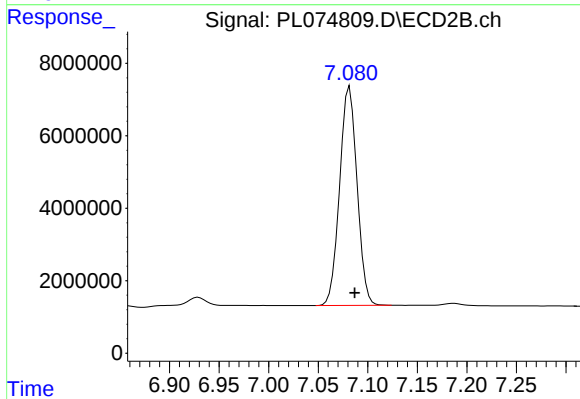
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 83788427
Conc: 53.58 ng/ml



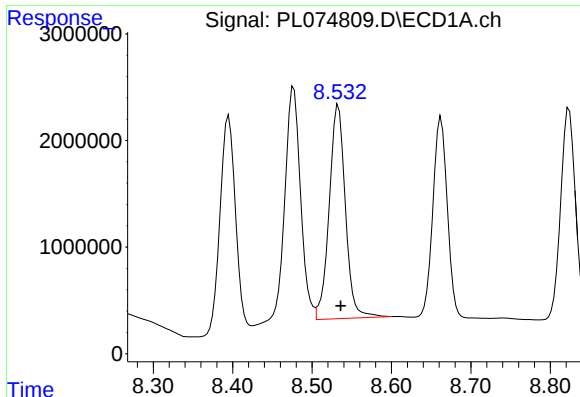
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 28396182
Conc: 49.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 73952958
Conc: 53.14 ng/ml



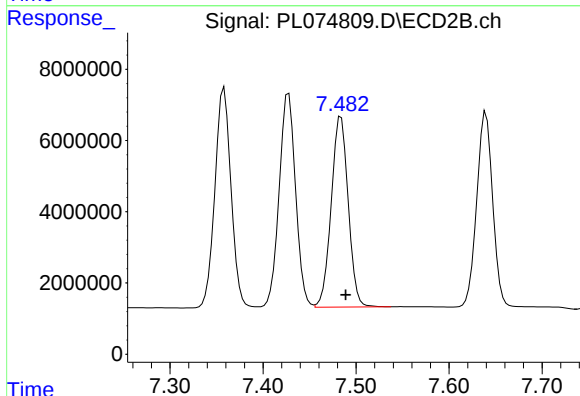
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 28446376
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

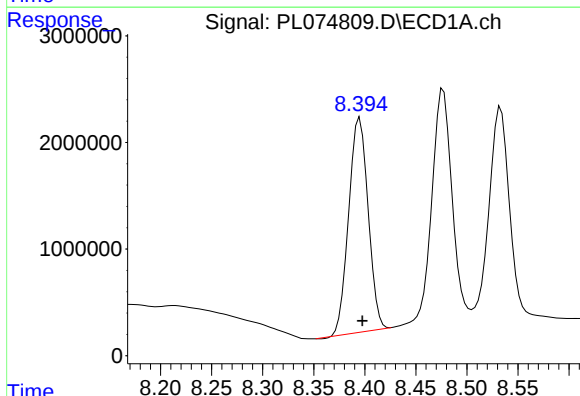
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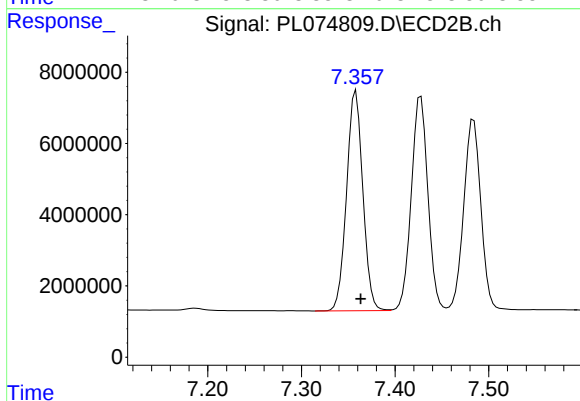
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 67937630
Conc: 54.30 ng/ml



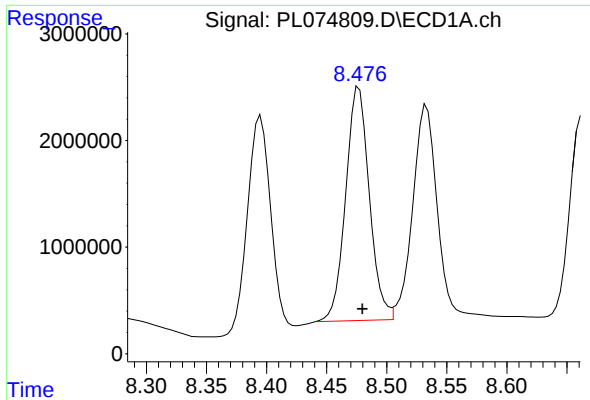
#10 gamma-Chlordane

R.T.: 8.395 min
Delta R.T.: -0.003 min
Response: 26625835
Conc: 51.48 ng/ml



#10 gamma-Chlordane

R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 74451093
Conc: 53.72 ng/ml



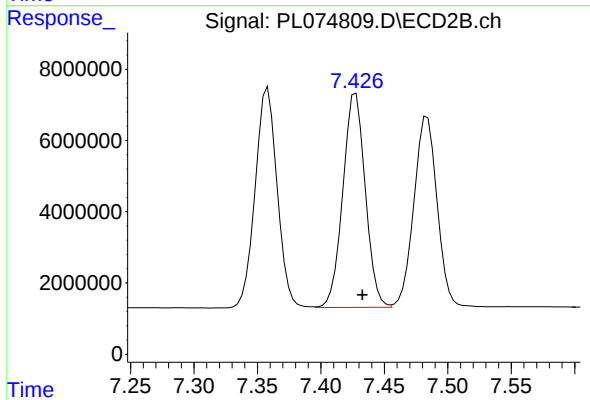
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 30050874
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

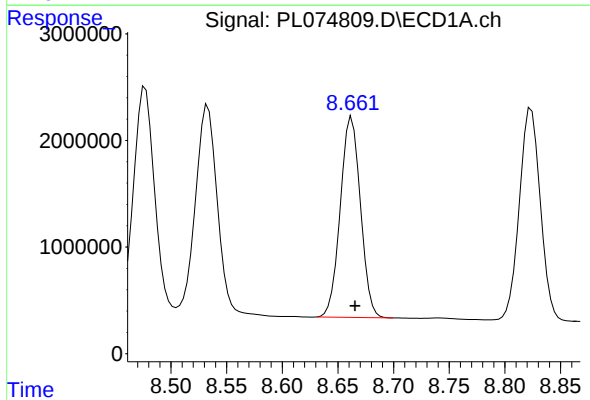
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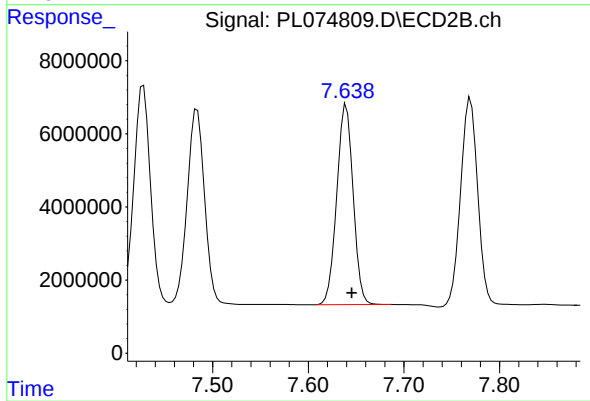
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 73861713
Conc: 54.64 ng/ml



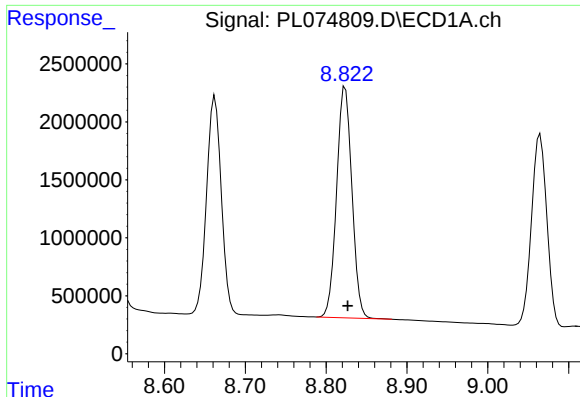
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 23727349
Conc: 51.25 ng/ml



#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 65203902
Conc: 55.41 ng/ml



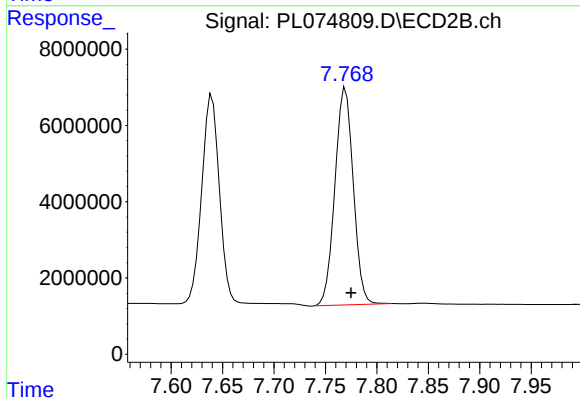
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 26178869
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

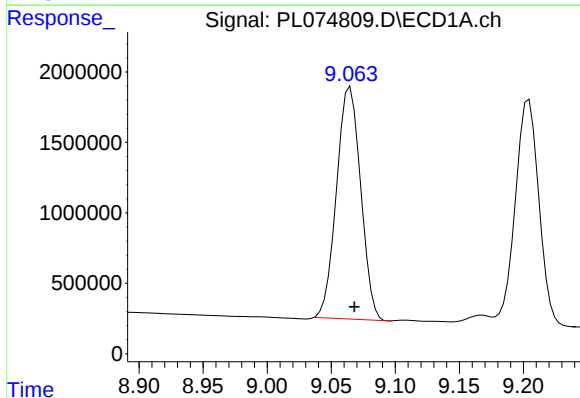
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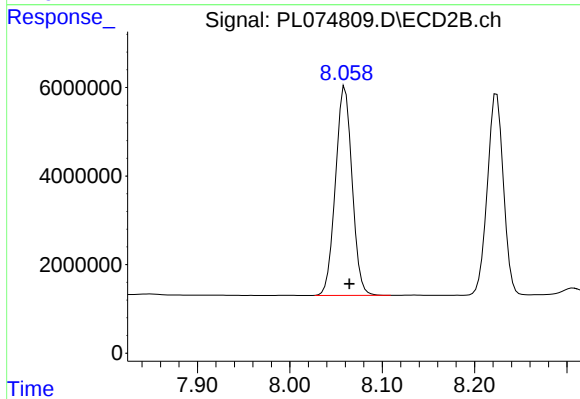
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 70713627
Conc: 55.51 ng/ml



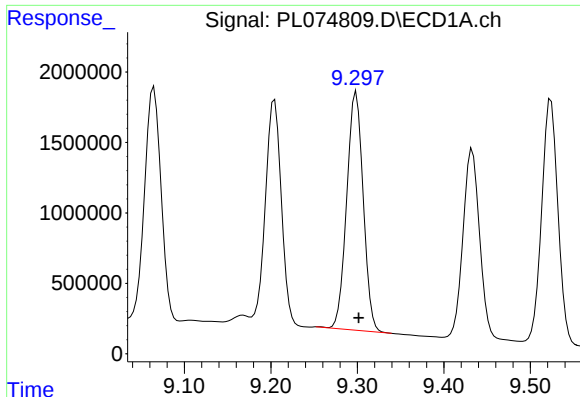
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 21606402
Conc: 52.36 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 58966907
Conc: 55.82 ng/ml



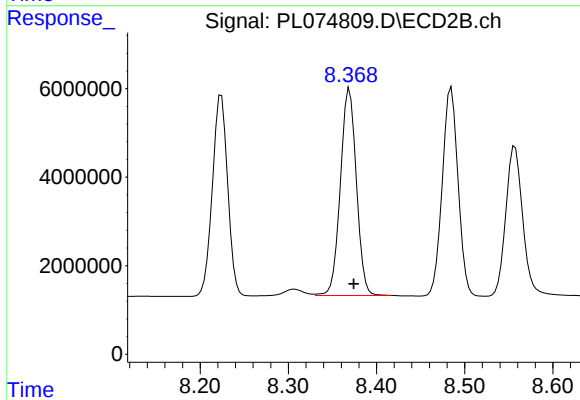
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 22278871
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

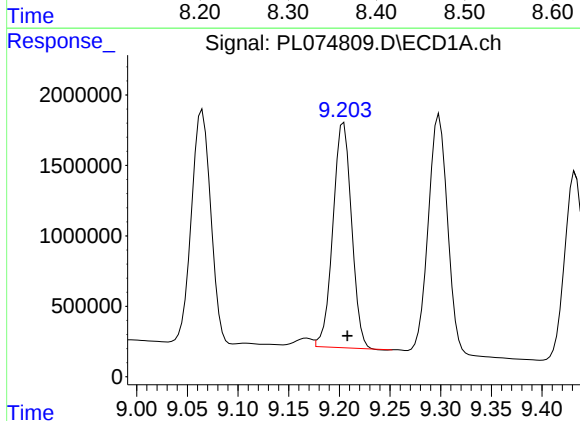
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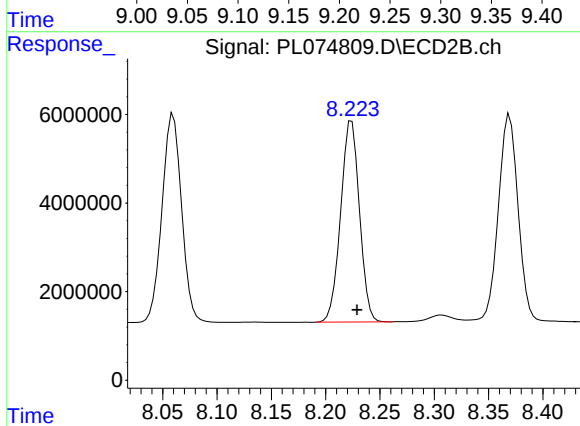
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 59023487
Conc: 52.25 ng/ml



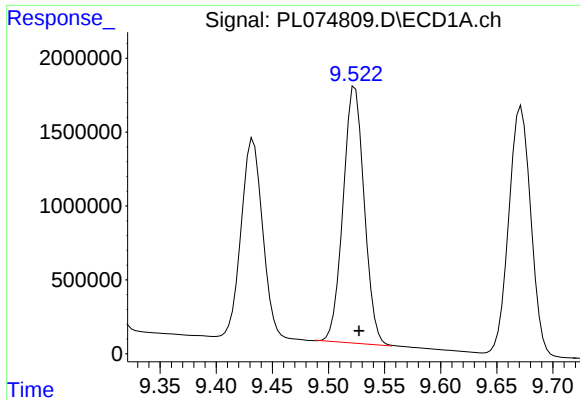
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: -0.003 min
Response: 20428910
Conc: 45.18 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 54788285
Conc: 55.61 ng/ml



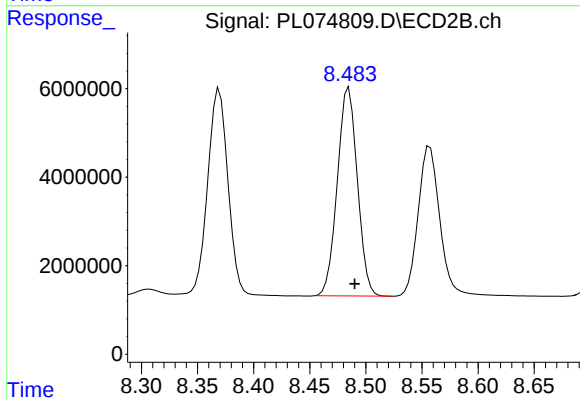
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: -0.005 min
Response: 22678800
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

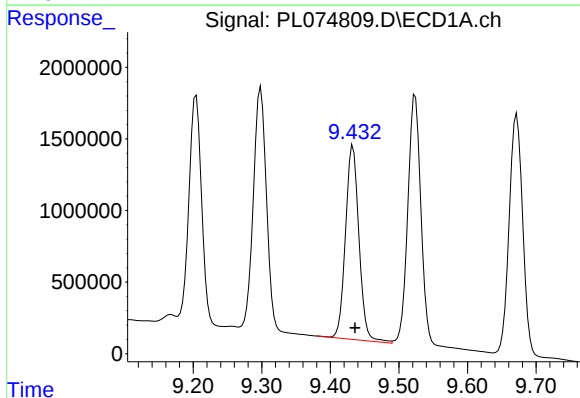
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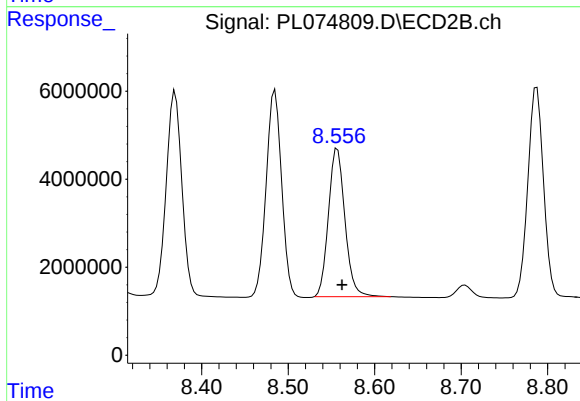
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 58523736
Conc: 58.49 ng/ml



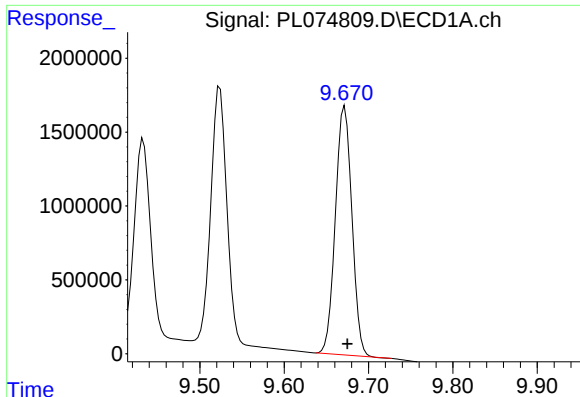
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 18492068
Conc: 52.25 ng/ml



#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 44611064
Conc: 55.86 ng/ml



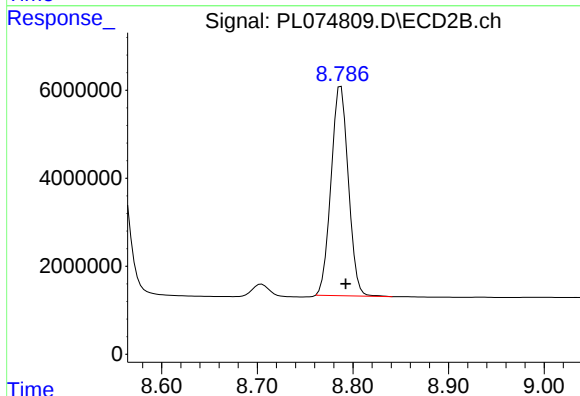
#19 Endosulfan Sulfate

R.T.: 9.672 min
Delta R.T.: -0.003 min
Response: 22826199
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

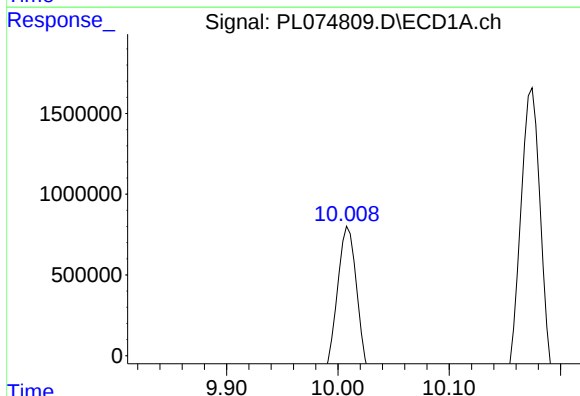
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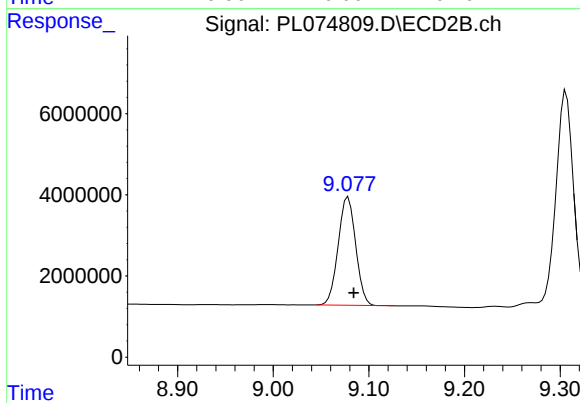
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.005 min
Response: 59586559
Conc: 54.74 ng/ml



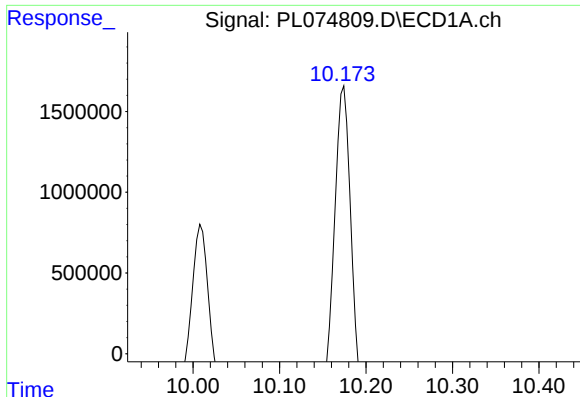
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.004 min
Response: 12982429
Conc: 53.01 ng/ml



#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 33955714
Conc: 58.10 ng/ml



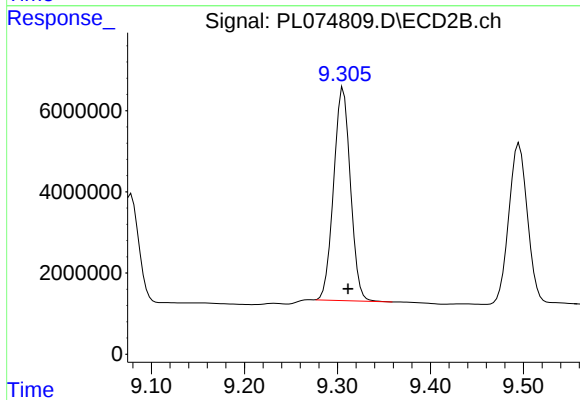
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 26147476
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

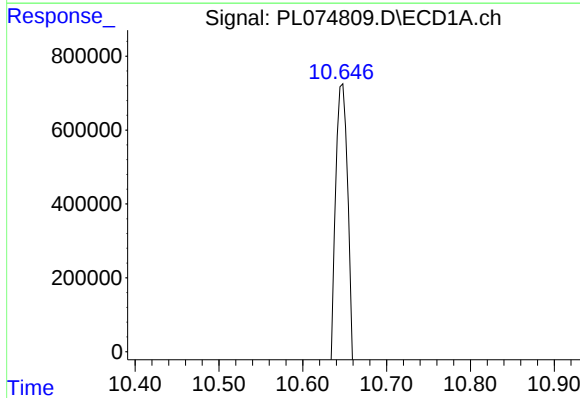
Manual Integrations
APPROVED

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



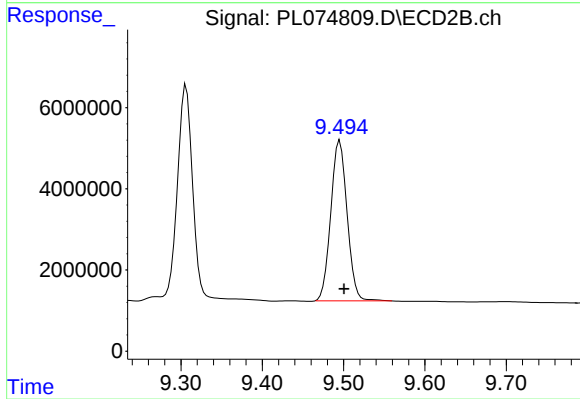
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.005 min
Response: 65713307
Conc: 58.94 ng/ml



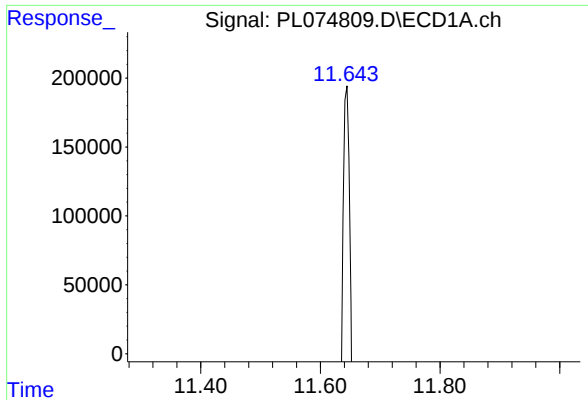
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 20775117
Conc: 51.49 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 55232458
Conc: 57.02 ng/ml



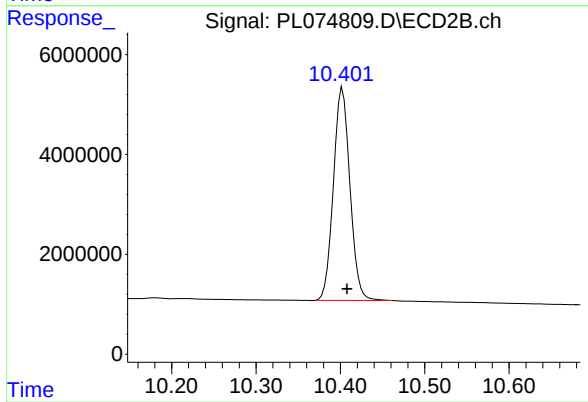
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 22685799
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 58104078
Conc: 56.61 ng/ml