

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
 Data File : PL073716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 10:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/30/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 01:00:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.650	5.488	16158683	88136050	50.451	53.701
28)	SA Decachlor...	10.422	11.335	25094681	84557581	49.351	47.287
Target Compounds							
2)	A alpha-BHC	5.357	6.051	21012485	125.4E6	50.976	55.752
3)	MA gamma-BHC...	5.781	6.441	20885393	116.3E6	50.068	54.477
4)	MA Heptachlor	6.192	7.101	21553580	118.9E6	47.770	50.755
5)	MB Aldrin	6.517	7.469	20499936	112.4E6	49.616	53.673
6)	B beta-BHC	6.161	6.678	10837639	53729092	52.636	51.545
7)	B delta-BHC	6.422	6.946	20850814	115.5E6	51.913	53.639
8)	B Heptachlo...	7.093	7.925	21134232	104.7E6	49.038	52.405
9)	A Endosulfan I	7.496	8.326	20221653	95327006	49.295	52.223
10)	B gamma-Chl...	7.371	8.193	21613520	106.6E6	49.425	52.210m
11)	B alpha-Chl...	7.441	8.277	21701293	104.7E6	49.105	52.364
12)	B 4,4'-DDE	7.655	8.461	18158286	94593817	50.603	52.776
13)	MA Dieldrin	7.783	8.612	20565860	95331656	49.363	51.678
14)	MA Endrin	8.074	8.846	18968970	75039875	48.889	48.746
15)	B Endosulfa...	8.384	9.070	19514373	78103866	49.925	50.854
16)	A 4,4'-DDD	8.239	8.989	16972953	78710811	52.267	53.922
17)	MA 4,4'-DDT	8.501	9.308	17098308	74965453	45.212	45.864
18)	B Endrin al...	8.573	9.202	15430669	61331297	48.793	50.013m
19)	B Endosulfa...	8.804	9.441	21137606	79221361	50.039	50.265
20)	A Methoxychlor	9.096	9.788	11043608	38834300	43.049	43.098
21)	B Endrin ke...	9.322	9.930	25867276	85800361	52.874	51.982
22)	Mirex	9.510	10.407	22956600	66721423	48.682	49.116

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
 Data File : PL073716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 10:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

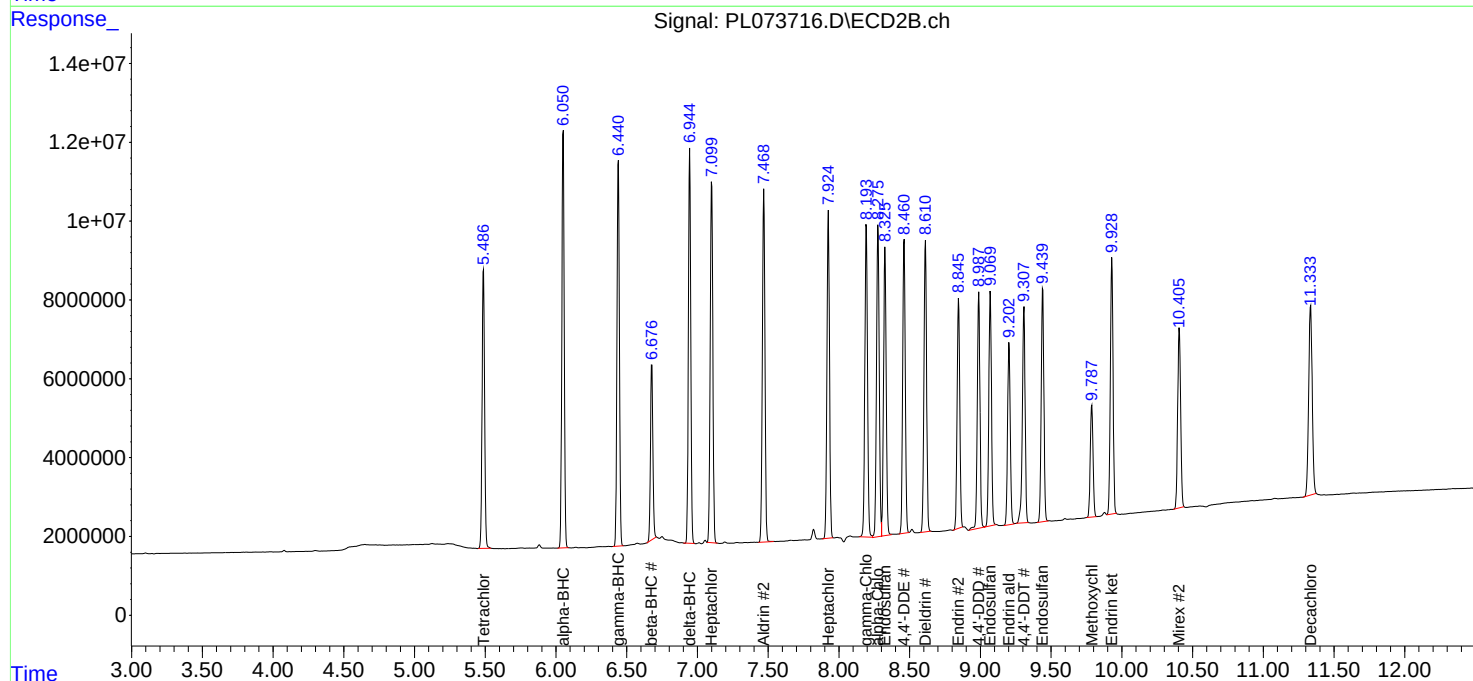
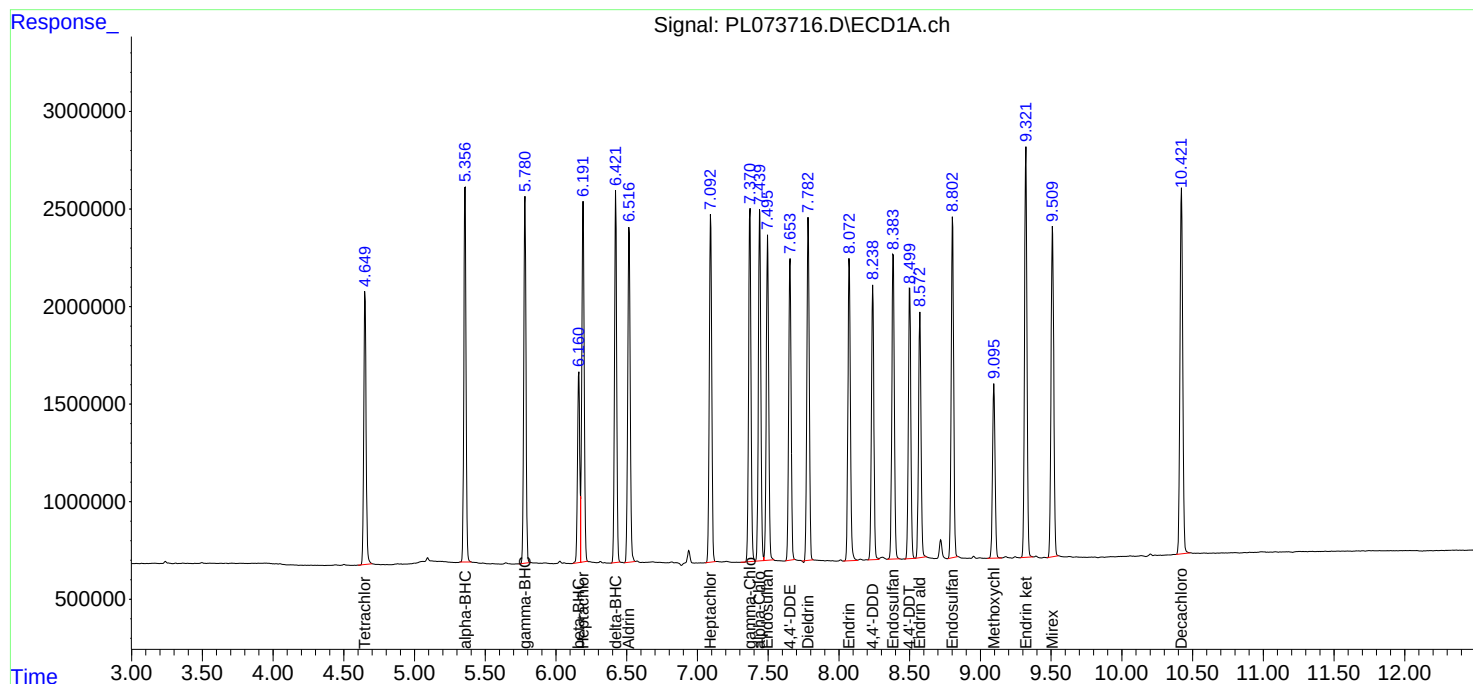
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

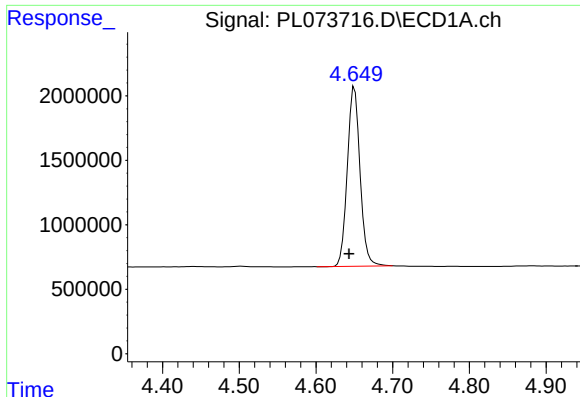
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 01:00:04 2022
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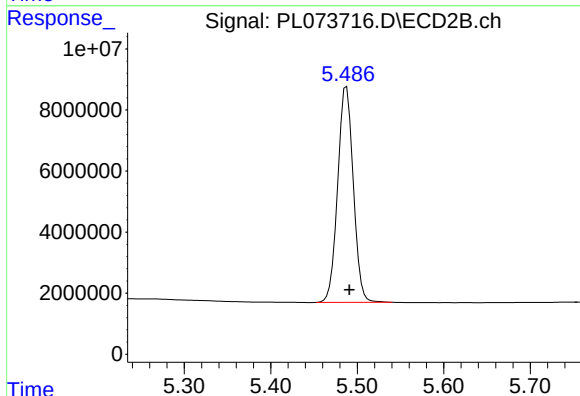
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: 0.007 min
Response: 16158683
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

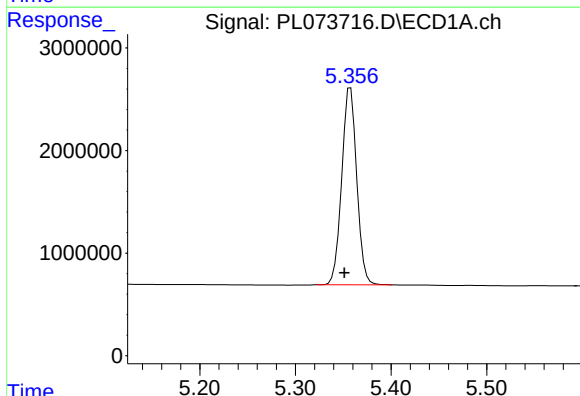
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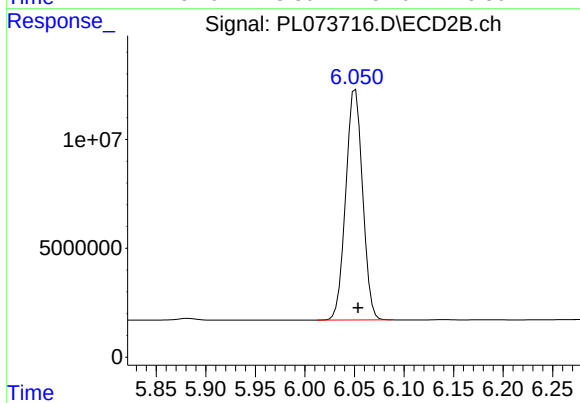
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 88136050
Conc: 53.70 ng/ml



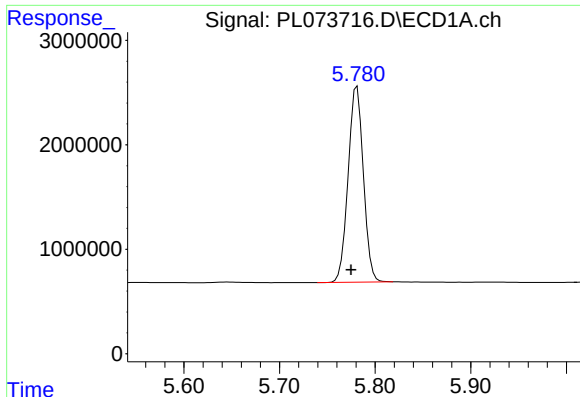
#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.006 min
Response: 21012485
Conc: 50.98 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 125423323
Conc: 55.75 ng/ml



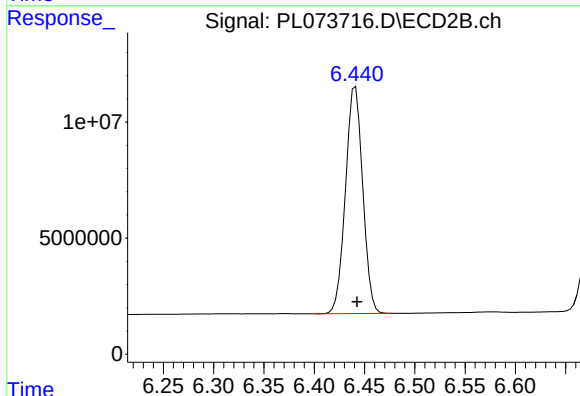
#3 gamma-BHC (Lindane)

R.T.: 5.781 min
Delta R.T.: 0.006 min
Response: 20885393
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

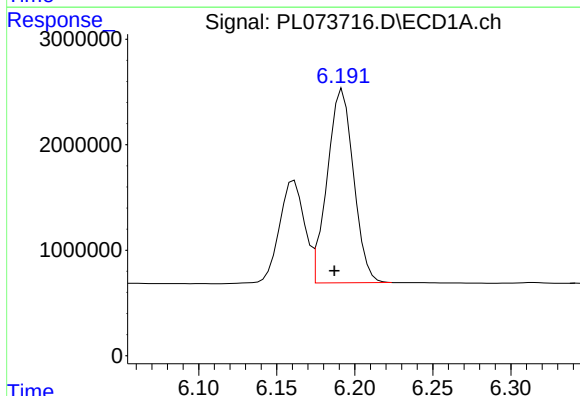
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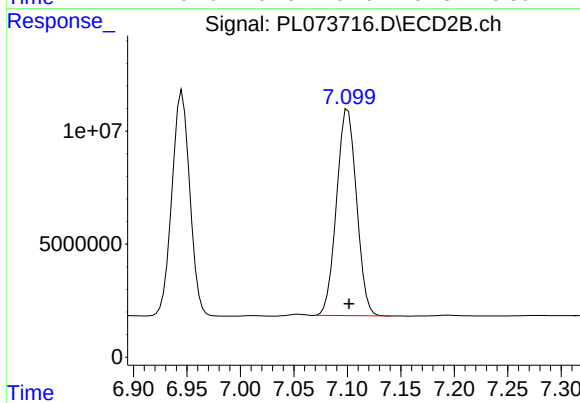
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 116312766
Conc: 54.48 ng/ml



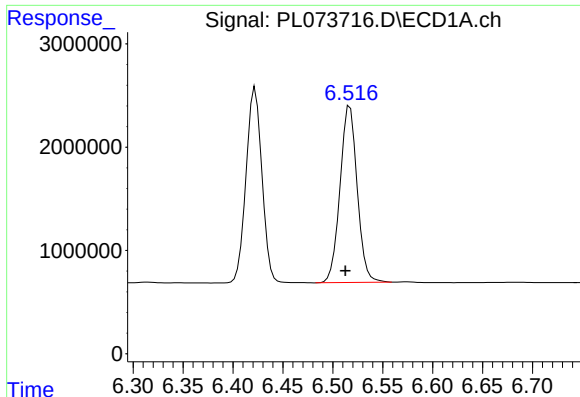
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 21553580
Conc: 47.77 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 118922792
Conc: 50.75 ng/ml



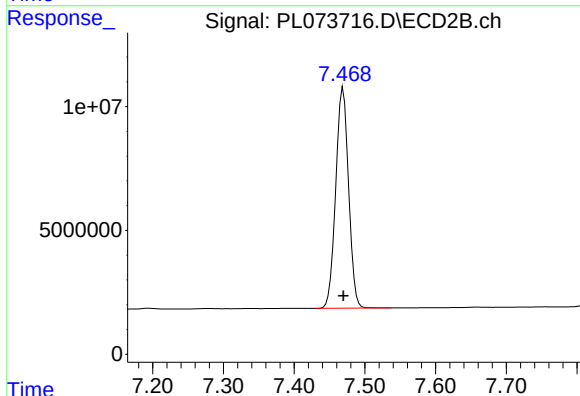
#5 Aldrin

R.T.: 6.517 min
Delta R.T.: 0.005 min
Response: 20499936
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

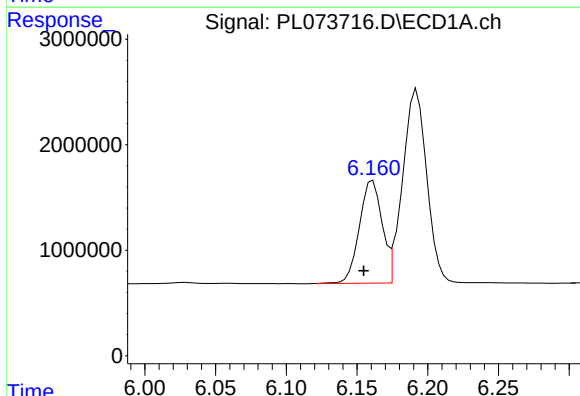
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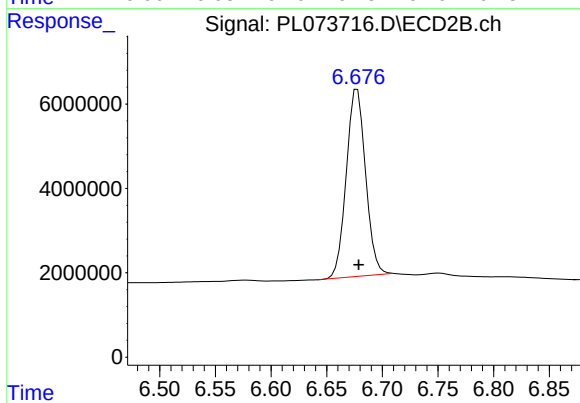
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 112442967
Conc: 53.67 ng/ml



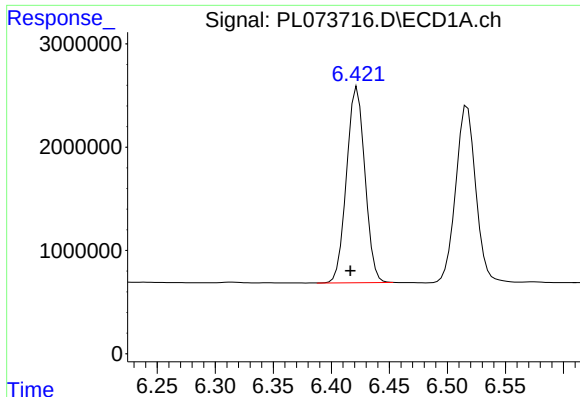
#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.006 min
Response: 10837639
Conc: 52.64 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 53729092
Conc: 51.54 ng/ml



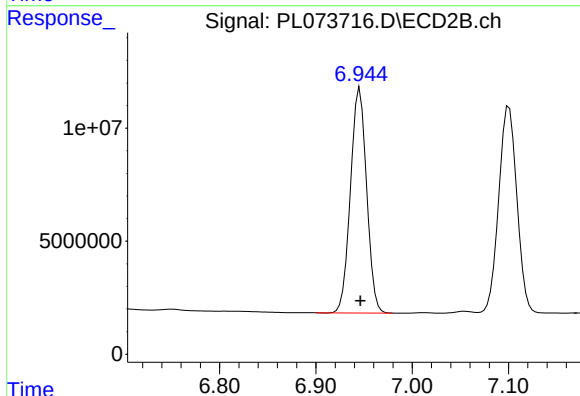
#7 delta-BHC

R.T.: 6.422 min
Delta R.T.: 0.006 min
Response: 20850814
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

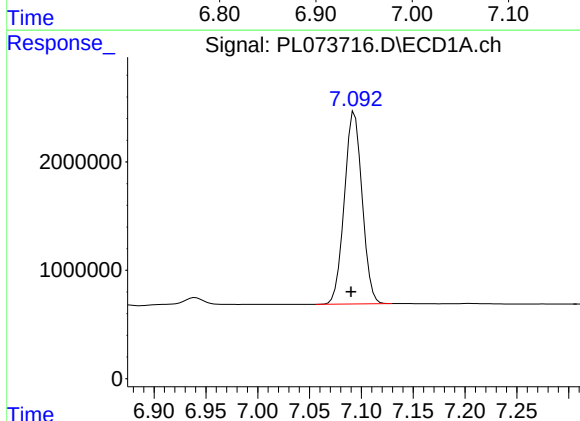
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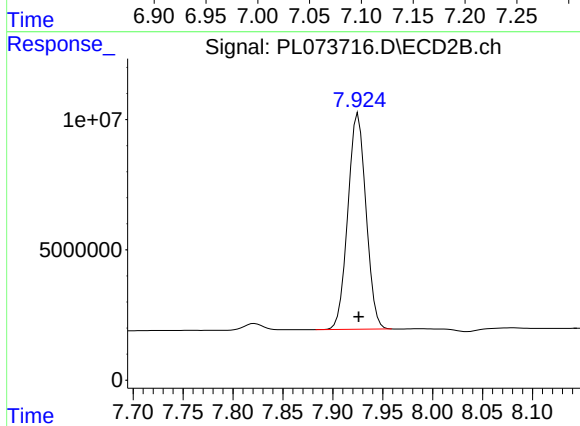
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 115513866
Conc: 53.64 ng/ml



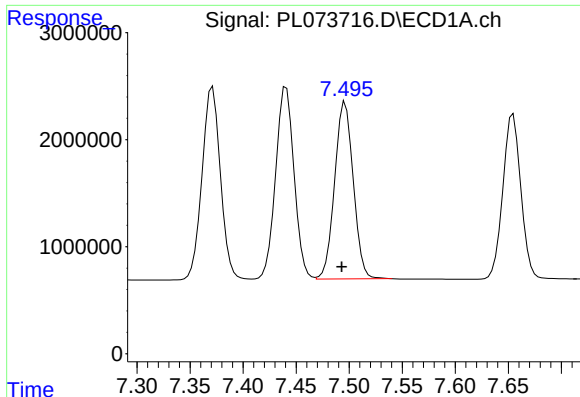
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 21134232
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 104668458
Conc: 52.40 ng/ml



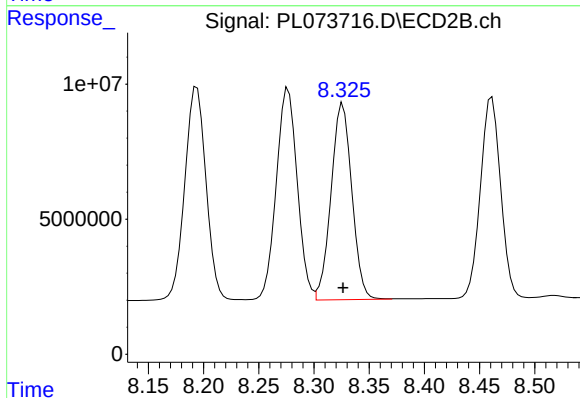
#9 Endosulfan I

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 20221653
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

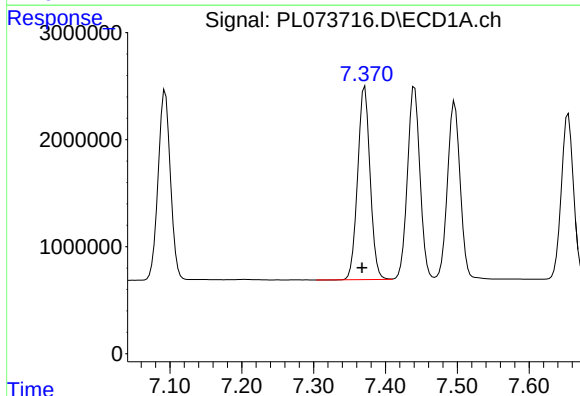
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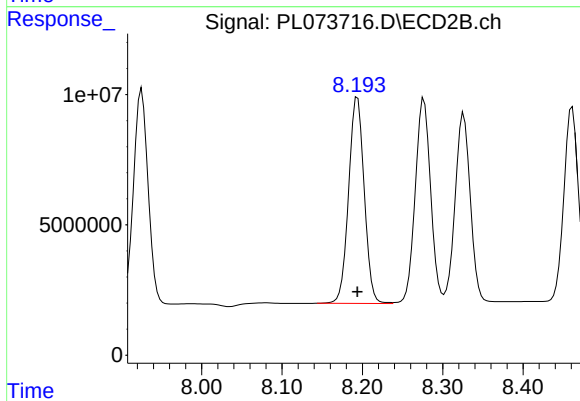
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 95327006
Conc: 52.22 ng/ml



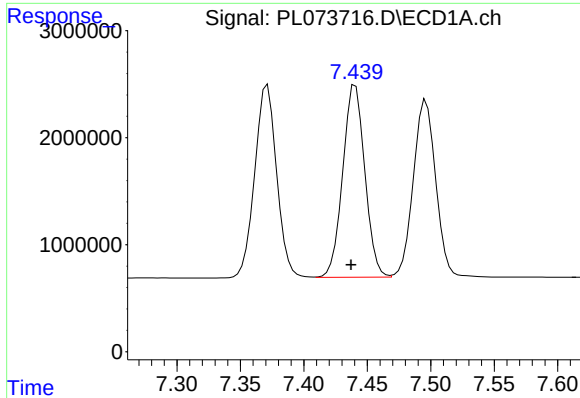
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.004 min
Response: 21613520
Conc: 49.42 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.001 min
Response: 106634448
Conc: 52.21 ng/ml m



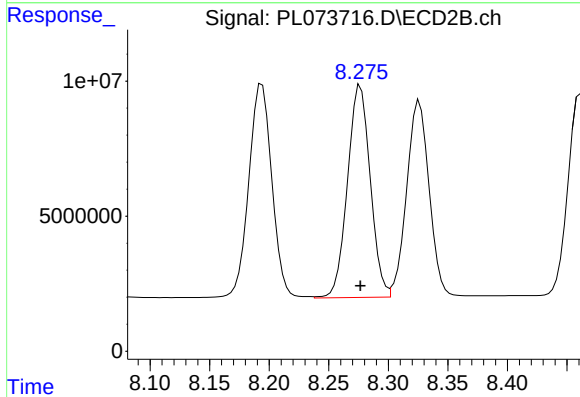
#11 alpha-Chlordane

R.T.: 7.441 min
Delta R.T.: 0.003 min
Response: 21701293
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

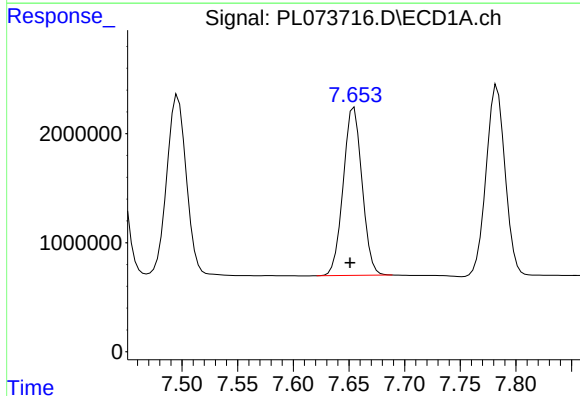
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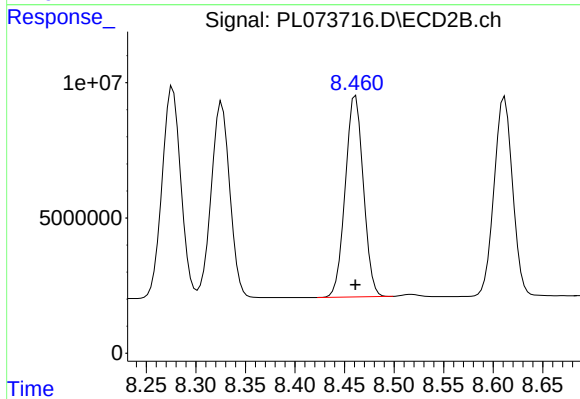
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 104729339
Conc: 52.36 ng/ml



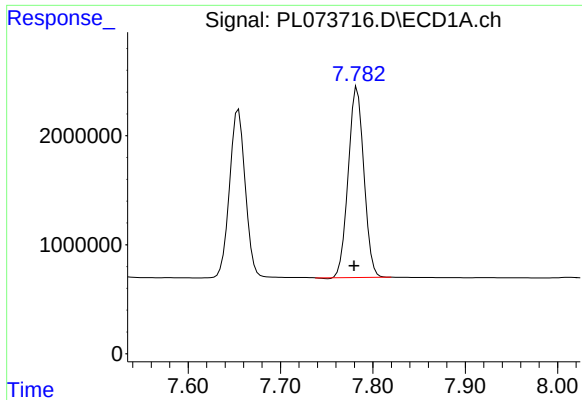
#12 4,4'-DDE

R.T.: 7.655 min
Delta R.T.: 0.004 min
Response: 18158286
Conc: 50.60 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 94593817
Conc: 52.78 ng/ml



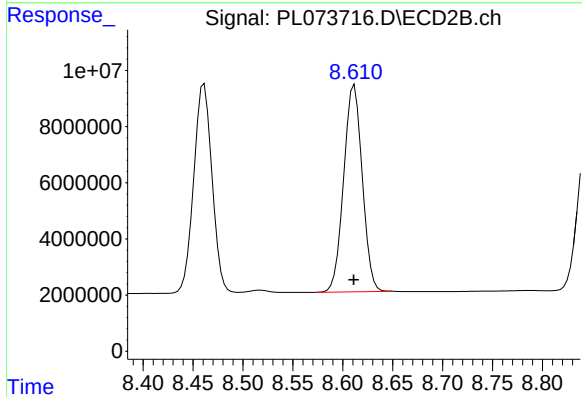
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 20565860
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

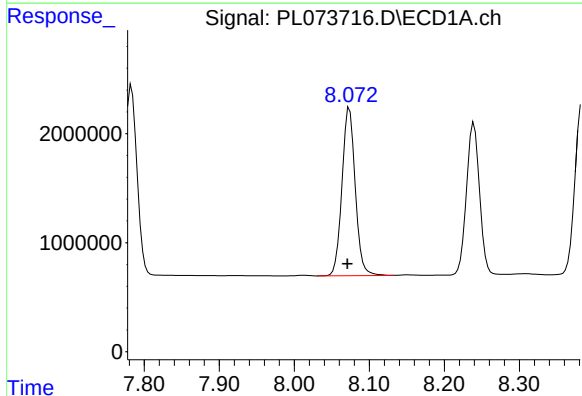
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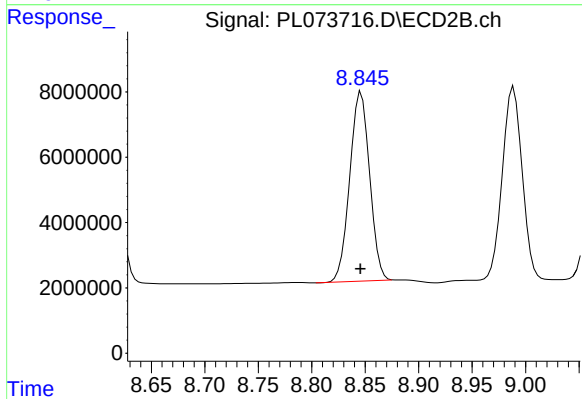
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 95331656
Conc: 51.68 ng/ml



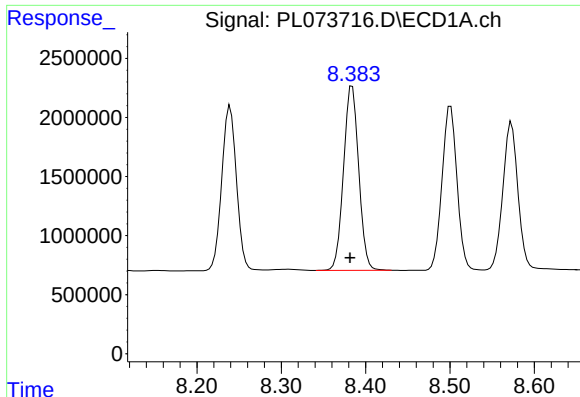
#14 Endrin

R.T.: 8.074 min
Delta R.T.: 0.003 min
Response: 18968970
Conc: 48.89 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 75039875
Conc: 48.75 ng/ml



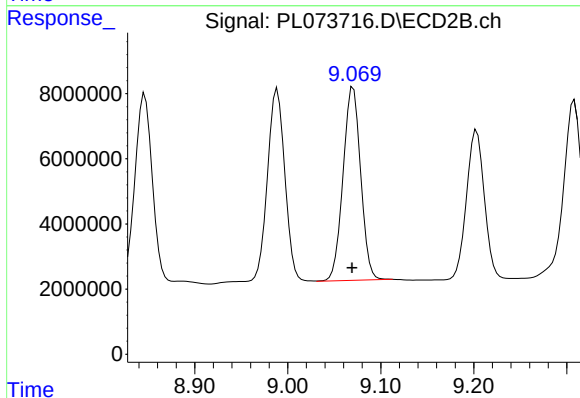
#15 Endosulfan II

R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 19514373
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

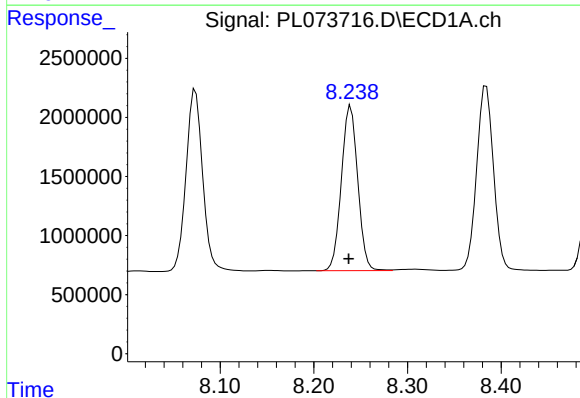
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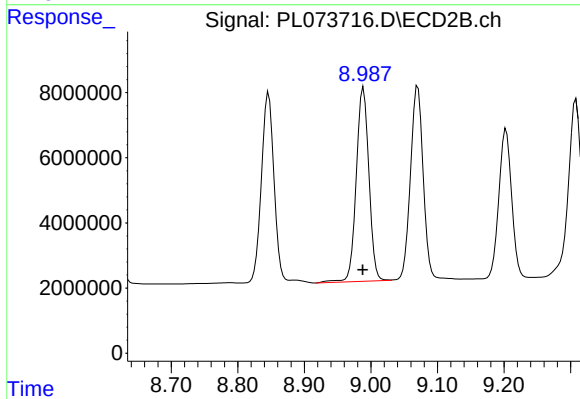
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 78103866
Conc: 50.85 ng/ml



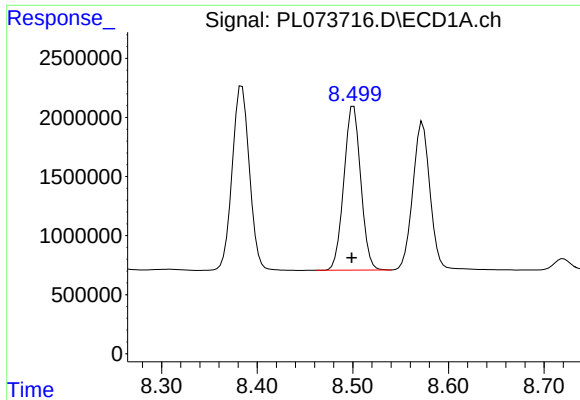
#16 4,4'-DDD

R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 16972953
Conc: 52.27 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 78710811
Conc: 53.92 ng/ml



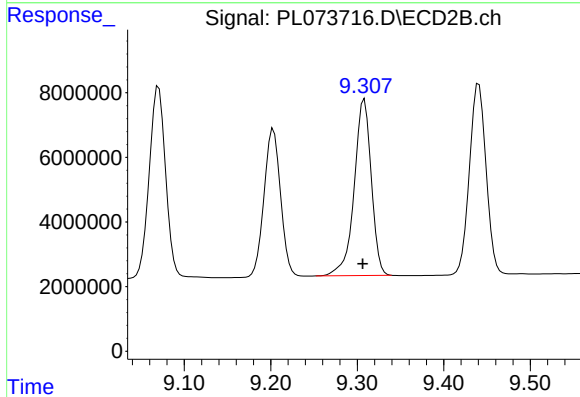
#17 4,4'-DDT

R.T.: 8.501 min
Delta R.T.: 0.002 min
Response: 17098308
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

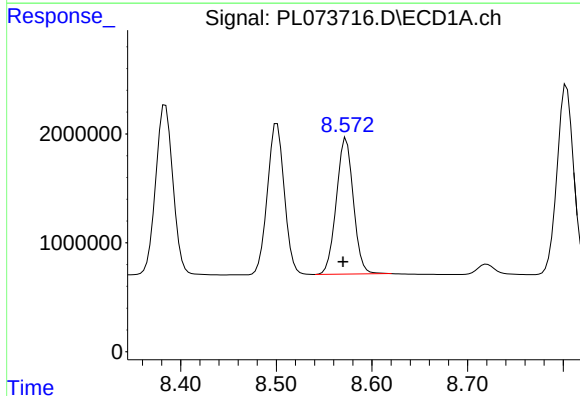
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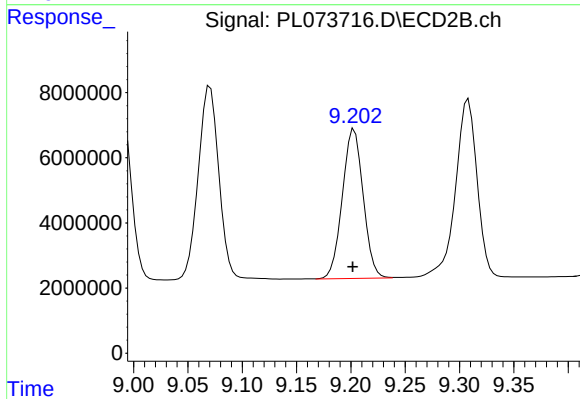
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 74965453
Conc: 45.86 ng/ml



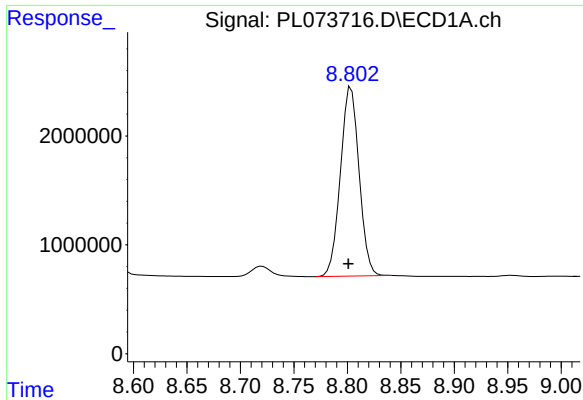
#18 Endrin aldehyde

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 15430669
Conc: 48.79 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 61331297
Conc: 50.01 ng/ml m



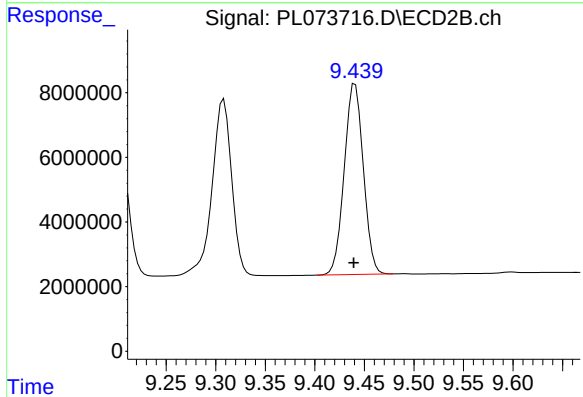
#19 Endosulfan Sulfate

R.T.: 8.804 min
Delta R.T.: 0.003 min
Response: 21137606
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

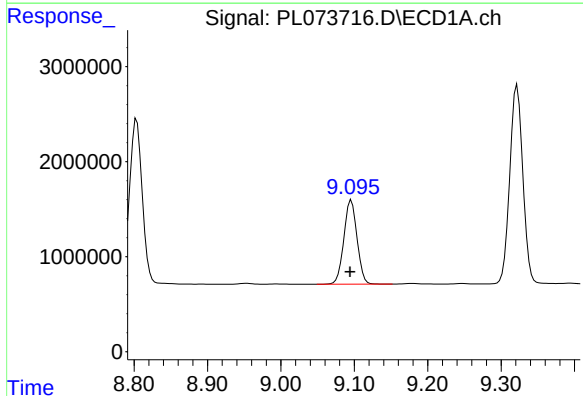
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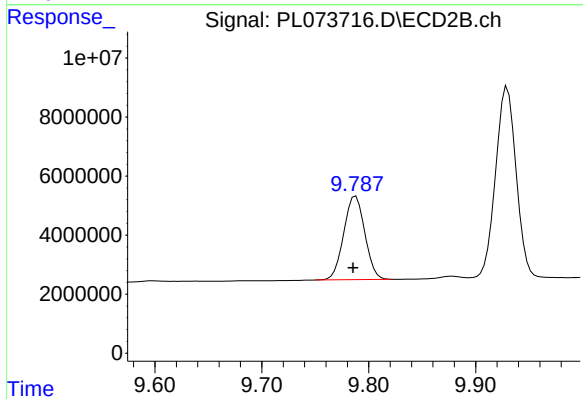
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 79221361
Conc: 50.27 ng/ml



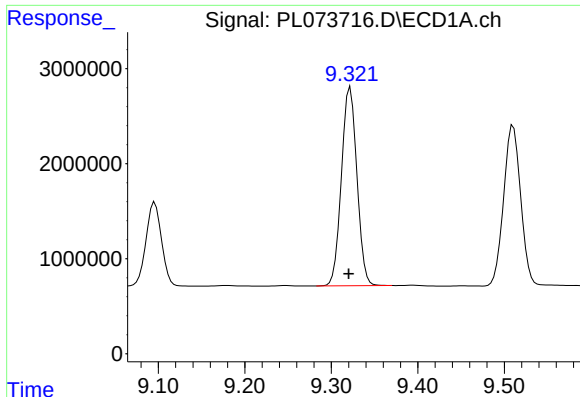
#20 Methoxychlor

R.T.: 9.096 min
Delta R.T.: 0.002 min
Response: 11043608
Conc: 43.05 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 38834300
Conc: 43.10 ng/ml



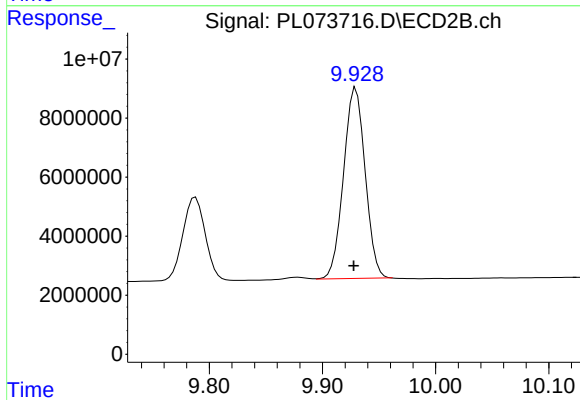
#21 Endrin ketone

R.T.: 9.322 min
Delta R.T.: 0.002 min
Response: 25867276
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

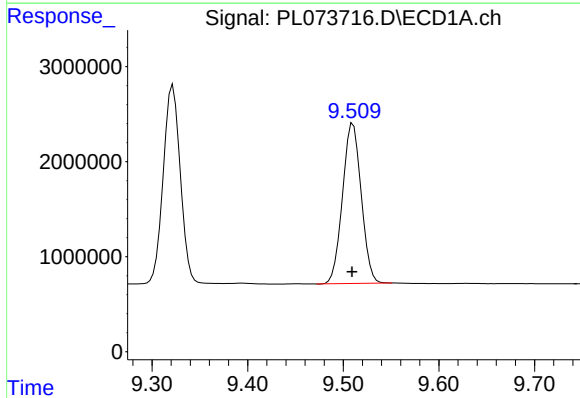
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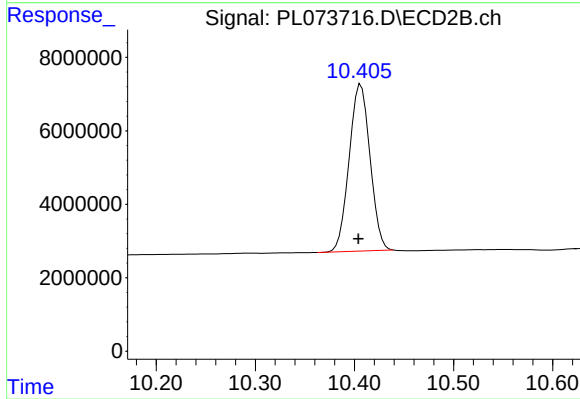
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 85800361
Conc: 51.98 ng/ml



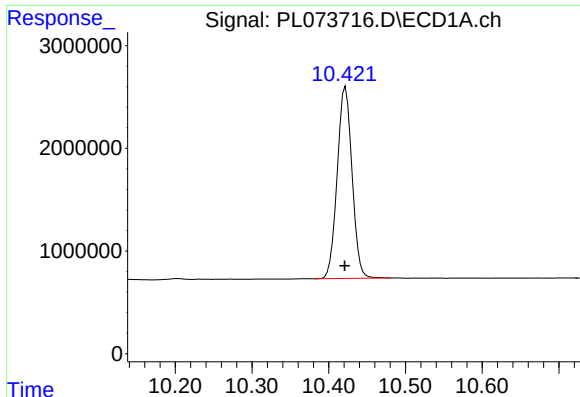
#22 Mirex

R.T.: 9.510 min
Delta R.T.: 0.001 min
Response: 22956600
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.002 min
Response: 66721423
Conc: 49.12 ng/ml



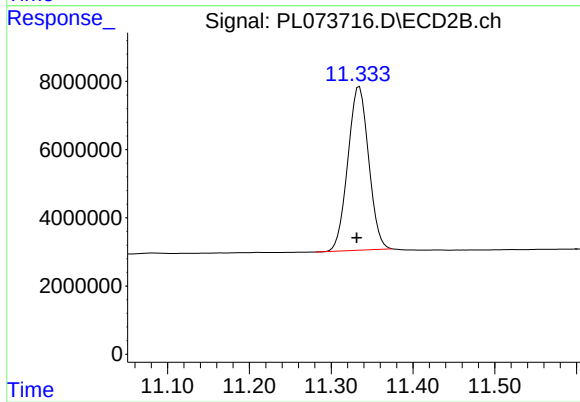
#28 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 25094681
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/30/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.003 min
Response: 84557581
Conc: 47.29 ng/ml