

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030222\
 Data File : PL073074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 10:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/03/2022
 Supervised By : Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:31:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.649	5.490	16996053	80767277	53.037	55.656
28)	SA Decachlor...	10.427	11.329	25809570	83374173	55.141m	52.851
Target Compounds							
2)	A alpha-BHC	5.358	6.053	22789011	114.6E6	54.079	58.097
3)	MA gamma-BHC...	5.781	6.442	22763220	106.6E6	51.478	57.026
4)	MA Heptachlor	6.194	7.101	23448915	109.3E6	51.086	54.655
5)	MB Aldrin	6.520	7.469	23635339	106.0E6	53.293	57.933
6)	B beta-BHC	6.161	6.677	11416240	48661517	51.262	53.961
7)	B delta-BHC	6.423	6.945	23426729	108.4E6	53.646	57.278
8)	B Heptachlo...	7.097	7.925	23507143	97249269	50.455	55.248
9)	A Endosulfan I	7.500	8.325	22096253	86429243	49.817	53.355
10)	B gamma-Chl...	7.375	8.193	24050294	97836471	50.644	54.789
11)	B alpha-Chl...	7.444	8.276	24196479	96041267	50.556	54.552
12)	B 4,4'-DDE	7.659	8.460	20483180	86104624	52.698	55.071
13)	MA Dieldrin	7.786	8.610	23499310	90658648	52.441m	56.132
14)	MA Endrin	8.077	8.845	20942194	70279683	52.742	53.091
15)	B Endosulfa...	8.388	9.068	22970976	80266854	52.962	58.002
16)	A 4,4'-DDD	8.244	8.987	18573526	73426938	53.330	55.214
17)	MA 4,4'-DDT	8.506	9.305	19658856	70887203	51.659	51.679
18)	B Endrin al...	8.577	9.201	15614339	52714953	48.637	48.443
19)	B Endosulfa...	8.808	9.438	23021018	74506616	52.371	52.551
20)	A Methoxychlor	9.102	9.785	12943369	40550837	51.822	51.796
21)	B Endrin ke...	9.327	9.926	27225142	81655988	54.916	55.692
22)	Mirex	9.517	10.403	24333585	65316116	43.127	44.476

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

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 Acq On : 02 Mar 2022 10:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

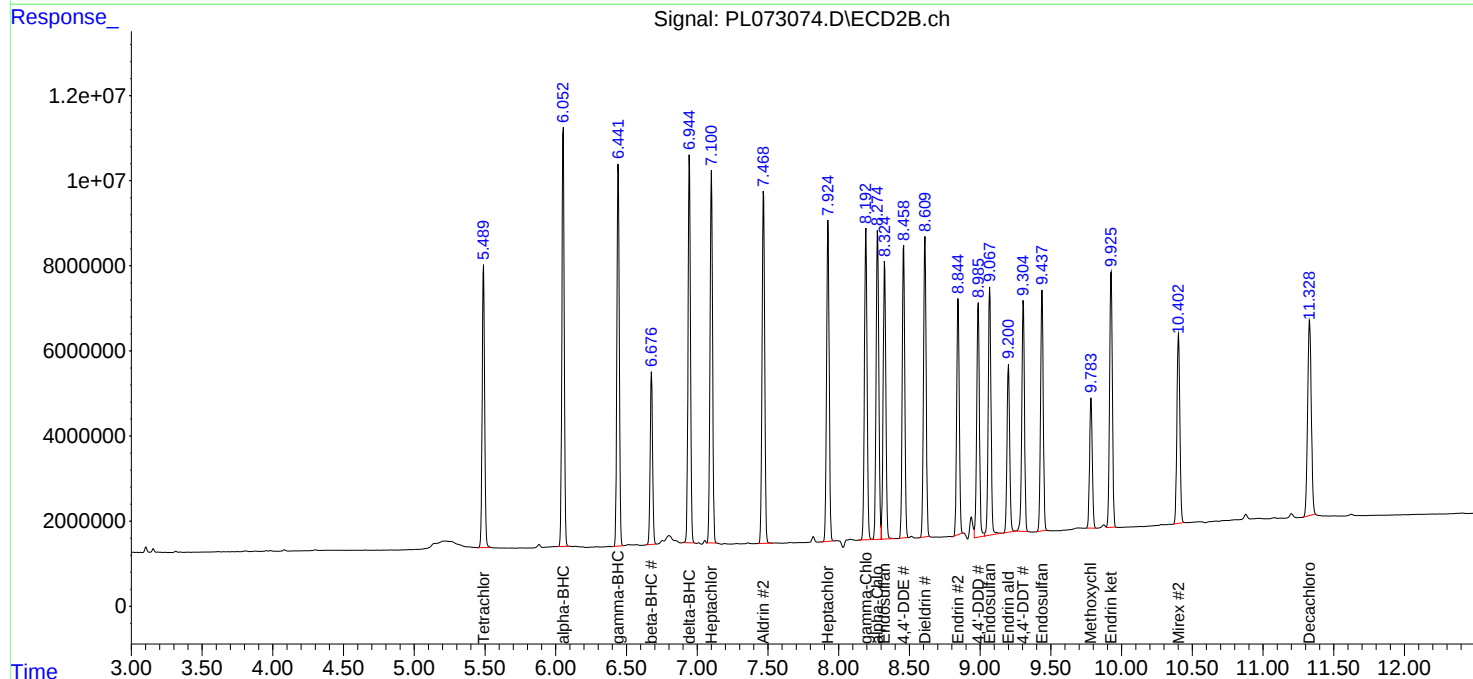
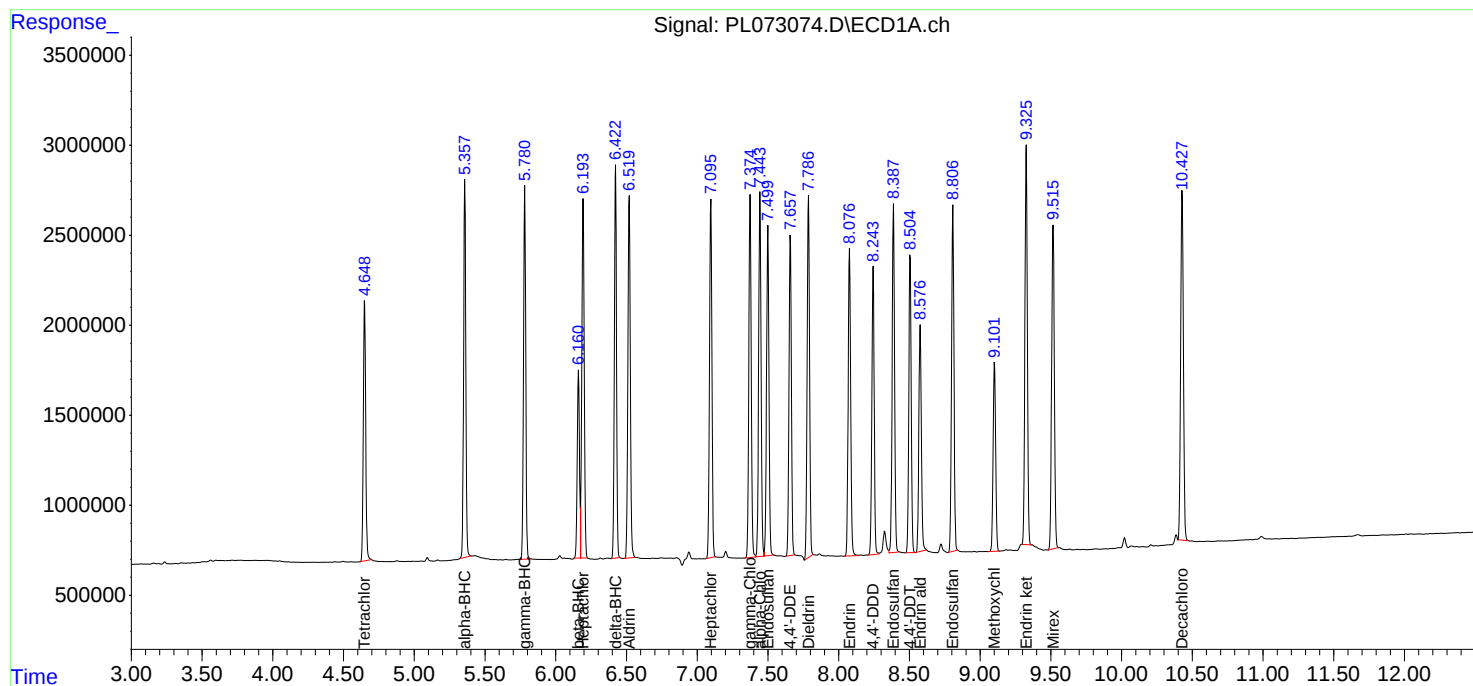
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

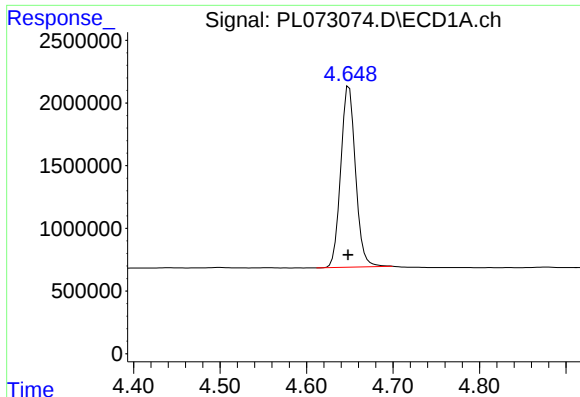
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/03/2022
 Supervised By :Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:31:08 2022
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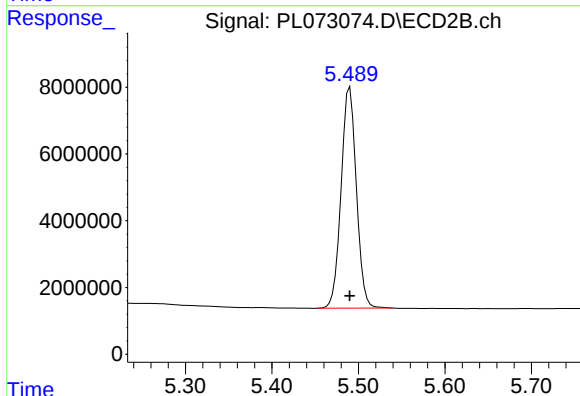
#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: 0.001 min
Response: 16996053
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

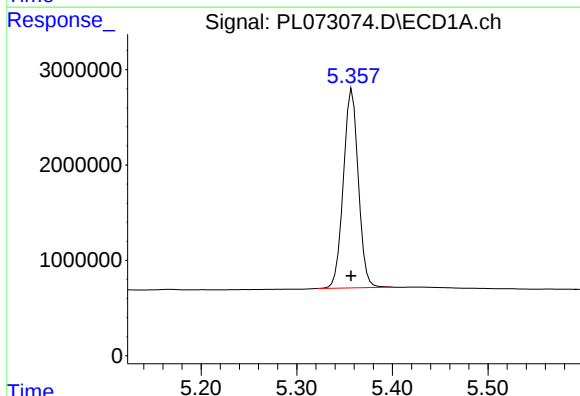
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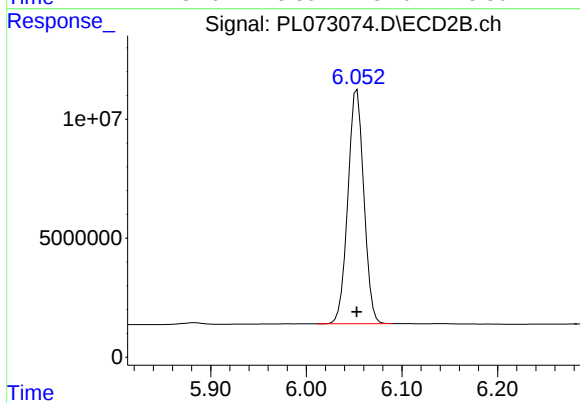
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 80767277
Conc: 55.66 ng/ml



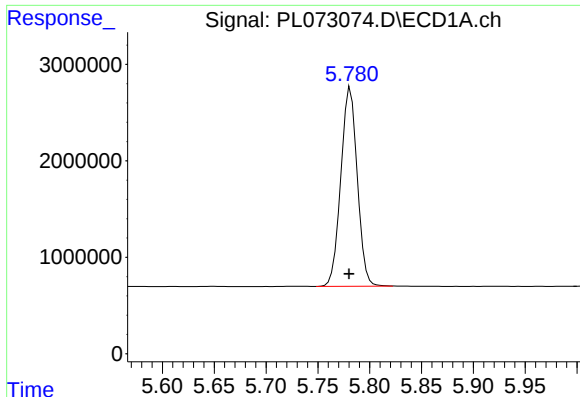
#2 alpha-BHC

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 22789011
Conc: 54.08 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 114585437
Conc: 58.10 ng/ml



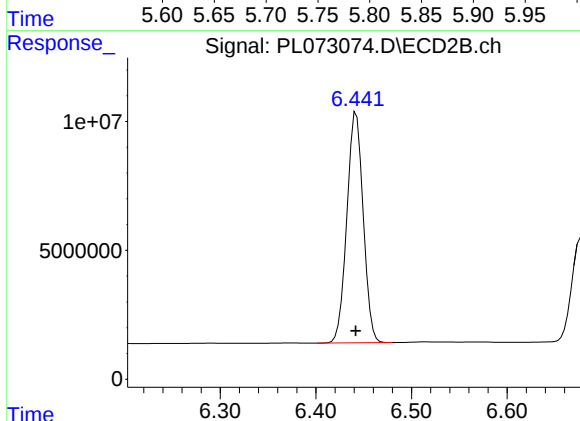
#3 gamma-BHC (Lindane)

R.T.: 5.781 min
Delta R.T.: 0.001 min
Response: 22763220
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

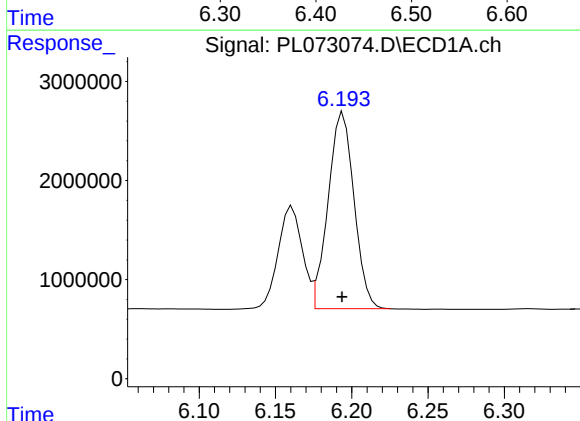
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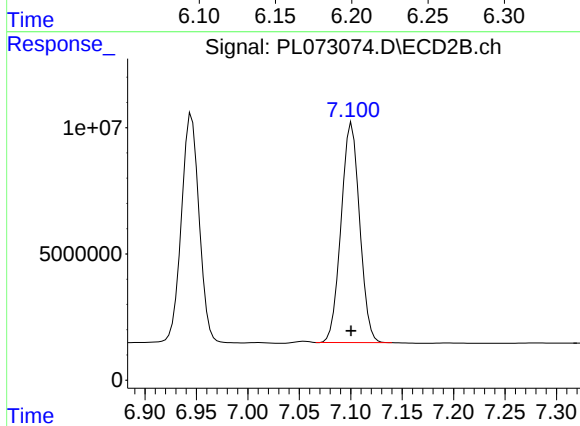
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 106620362
Conc: 57.03 ng/ml



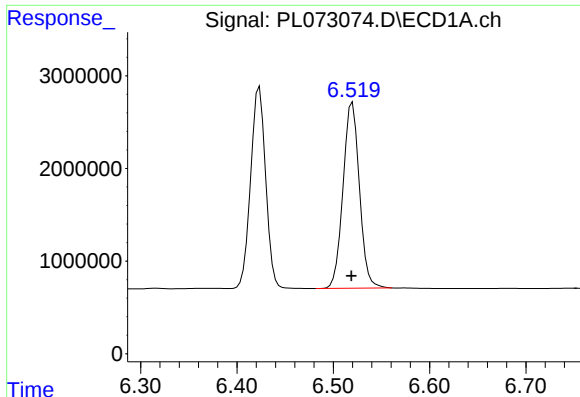
#4 Heptachlor

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 23448915
Conc: 51.09 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 109253994
Conc: 54.65 ng/ml



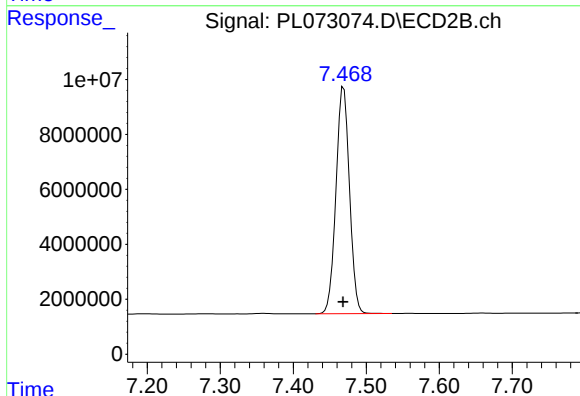
#5 Aldrin

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 23635339
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

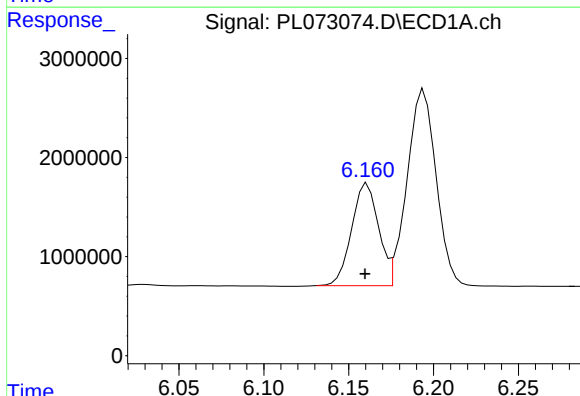
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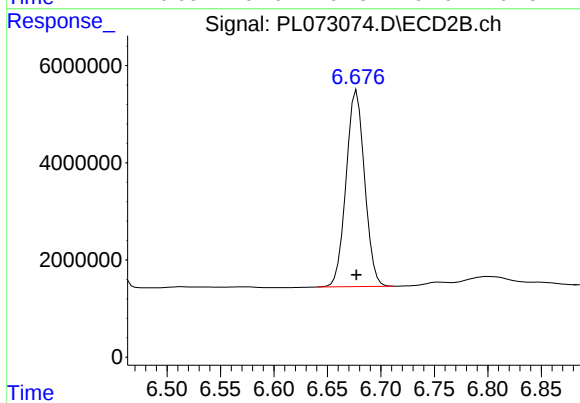
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 106023024
Conc: 57.93 ng/ml



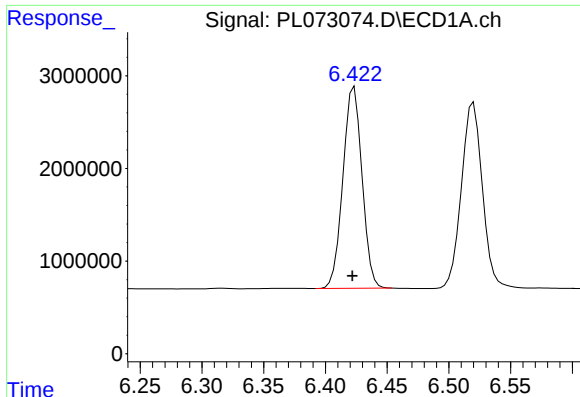
#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 11416240
Conc: 51.26 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 48661517
Conc: 53.96 ng/ml



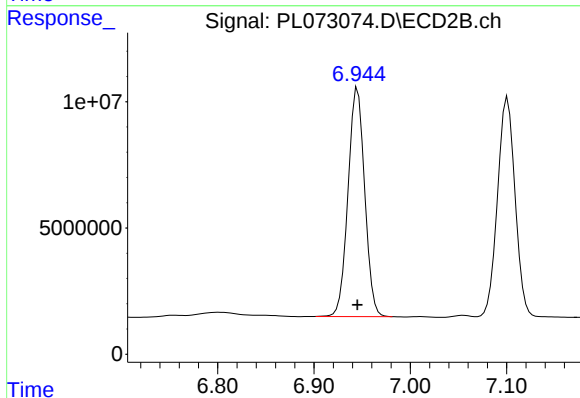
#7 delta-BHC

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 23426729
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

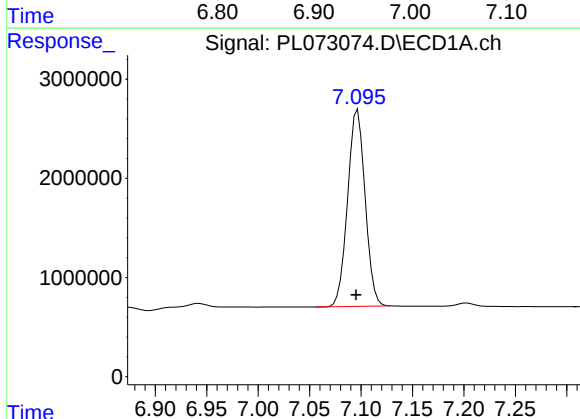
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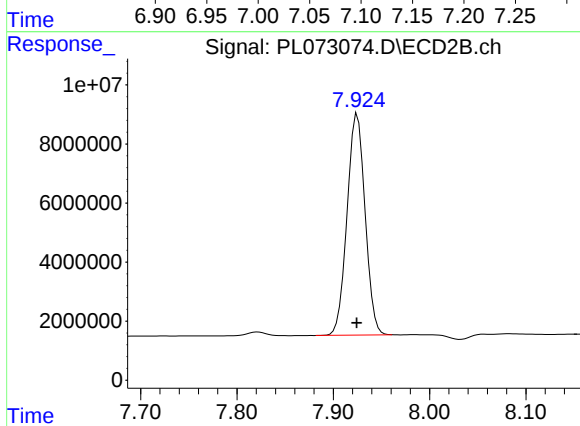
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 108400760
Conc: 57.28 ng/ml



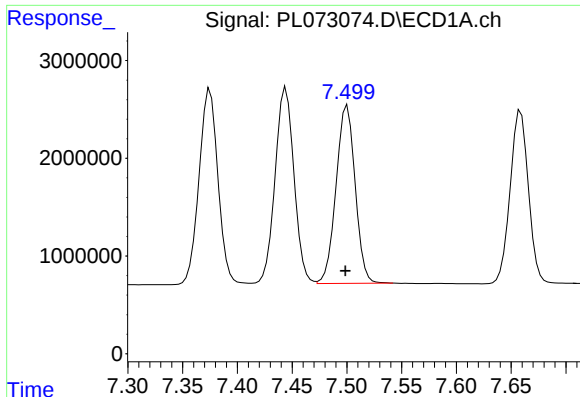
#8 Heptachlor epoxide

R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 23507143
Conc: 50.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 97249269
Conc: 55.25 ng/ml



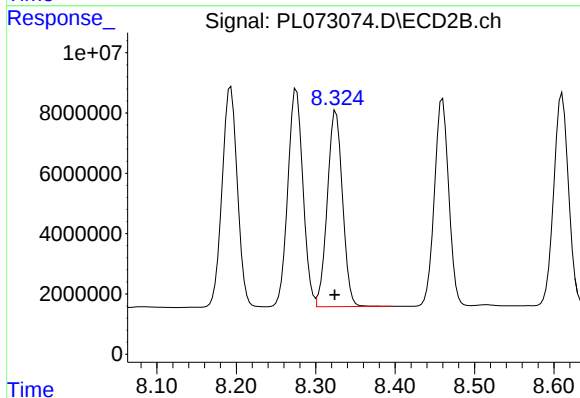
#9 Endosulfan I

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 22096253
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

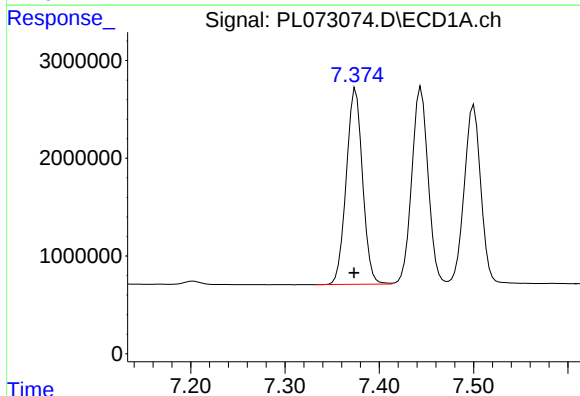
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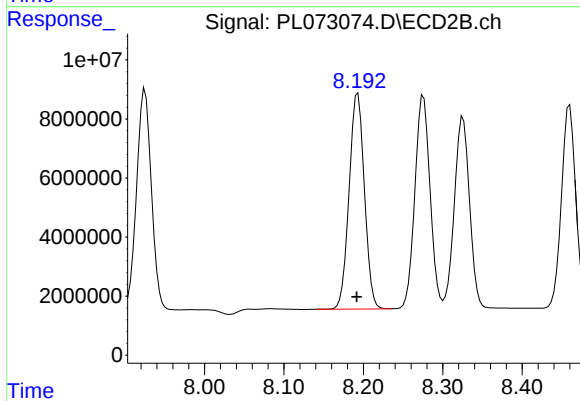
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 86429243
Conc: 53.35 ng/ml



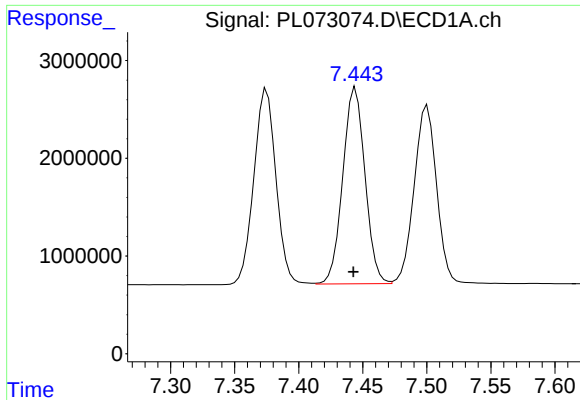
#10 gamma-Chlordane

R.T.: 7.375 min
Delta R.T.: 0.002 min
Response: 24050294
Conc: 50.64 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.002 min
Response: 97836471
Conc: 54.79 ng/ml



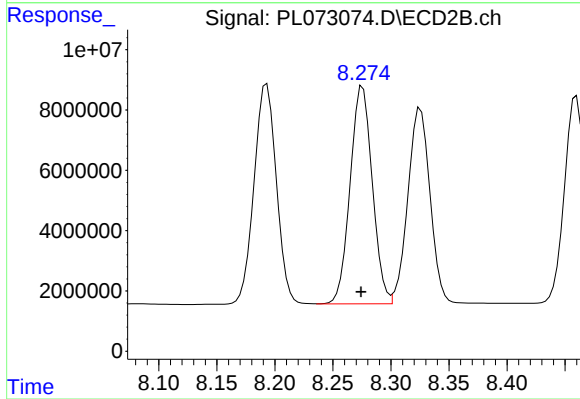
#11 alpha-Chlordane

R.T.: 7.444 min
Delta R.T.: 0.002 min
Response: 24196479
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

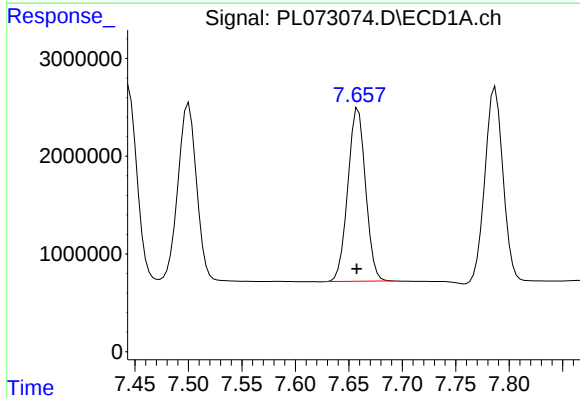
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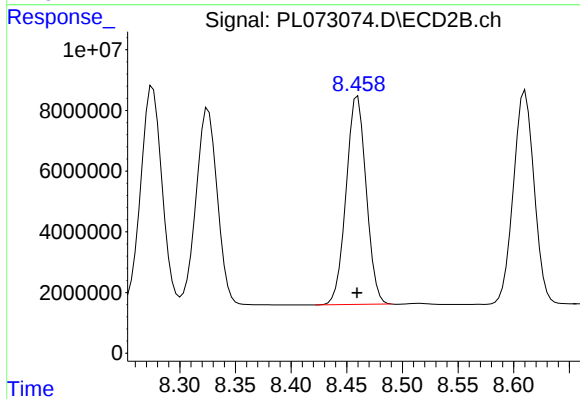
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.001 min
Response: 96041267
Conc: 54.55 ng/ml



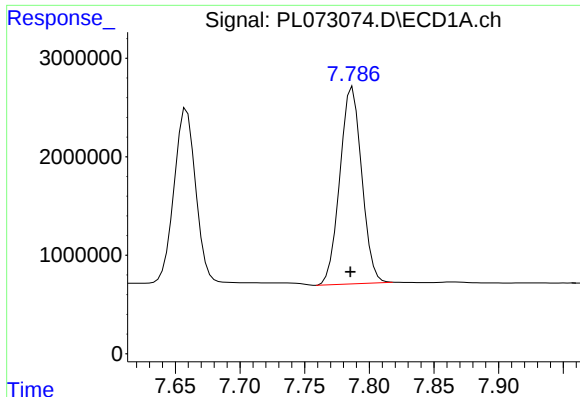
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: 0.002 min
Response: 20483180
Conc: 52.70 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 86104624
Conc: 55.07 ng/ml



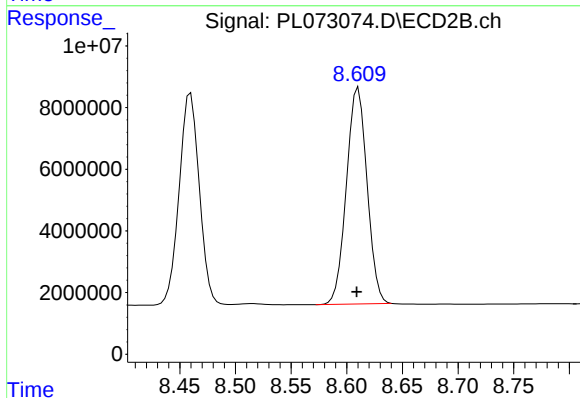
#13 Dieldrin

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 23499310
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

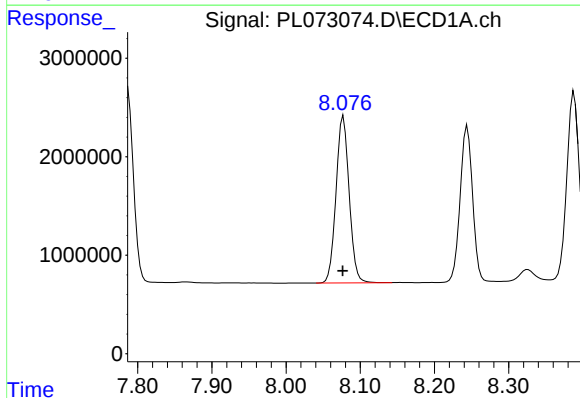
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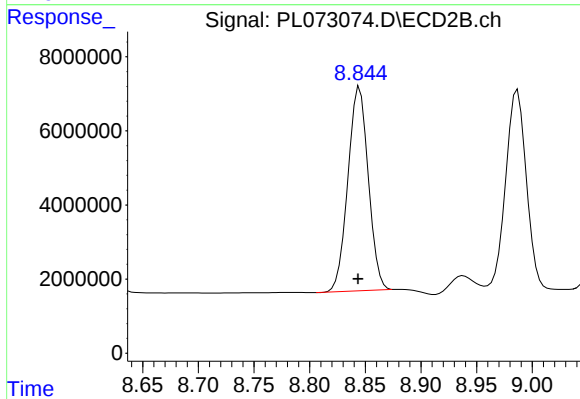
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 90658648
Conc: 56.13 ng/ml



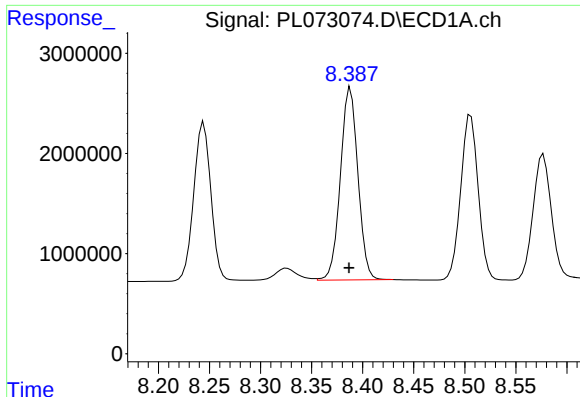
#14 Endrin

R.T.: 8.077 min
Delta R.T.: 0.001 min
Response: 20942194
Conc: 52.74 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 70279683
Conc: 53.09 ng/ml



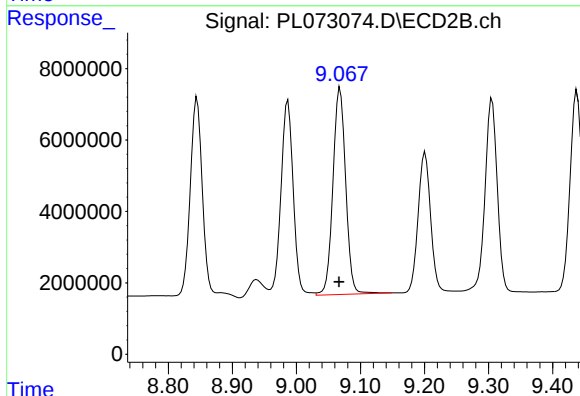
#15 Endosulfan II

R.T.: 8.388 min
Delta R.T.: 0.002 min
Response: 22970976
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

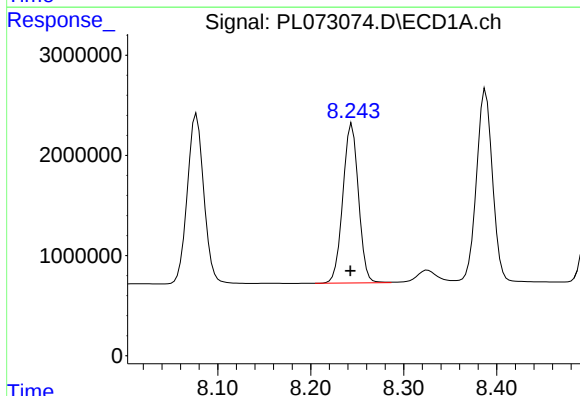
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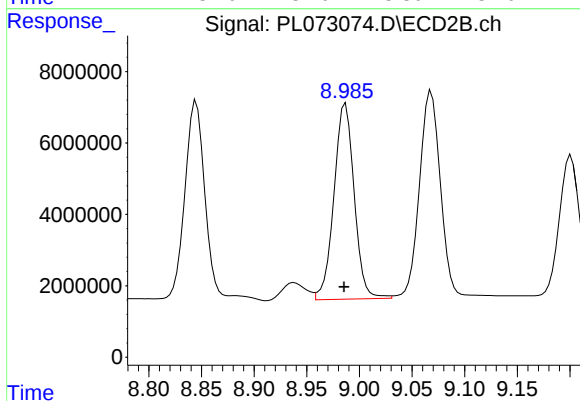
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.001 min
Response: 80266854
Conc: 58.00 ng/ml



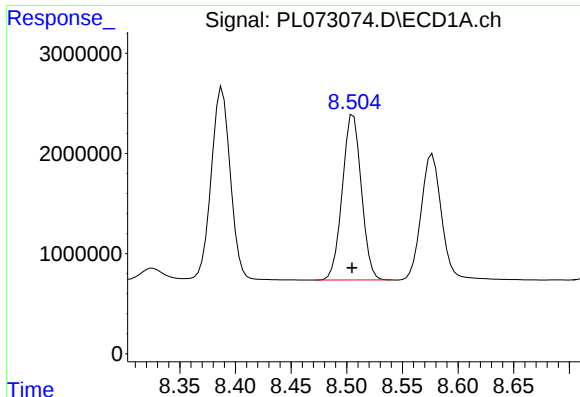
#16 4,4'-DDD

R.T.: 8.244 min
Delta R.T.: 0.002 min
Response: 18573526
Conc: 53.33 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.001 min
Response: 73426938
Conc: 55.21 ng/ml



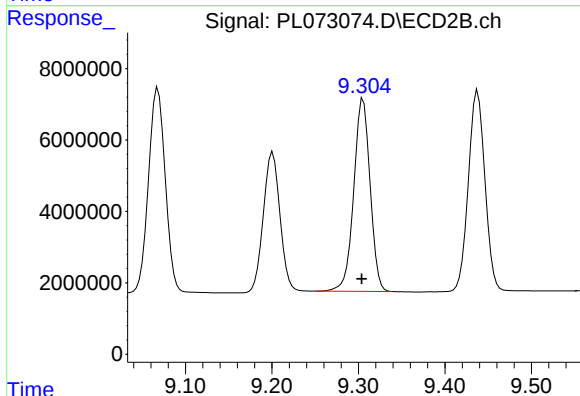
#17 4,4'-DDT

R.T.: 8.506 min
Delta R.T.: 0.001 min
Response: 19658856
Conc: 51.66 ng/ml

Instrument :
ECD_L
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PSTDCCC050

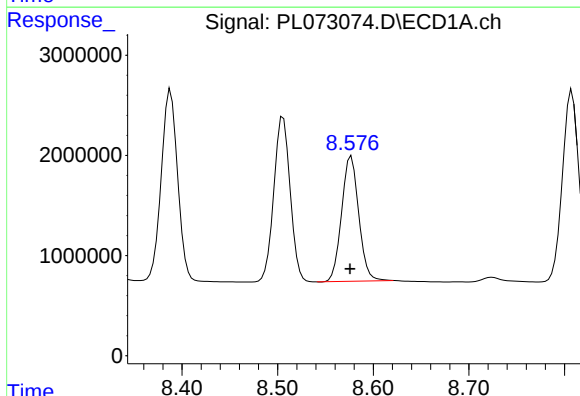
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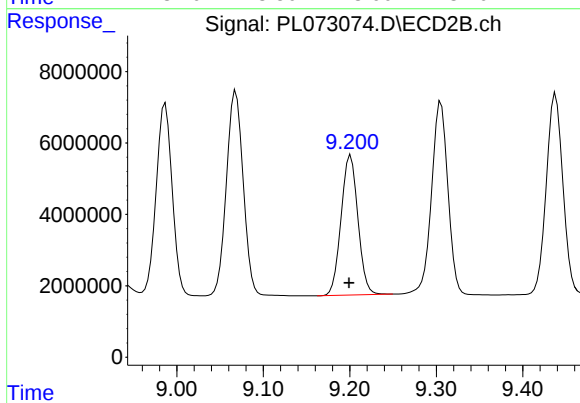
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: 0.001 min
Response: 70887203
Conc: 51.68 ng/ml



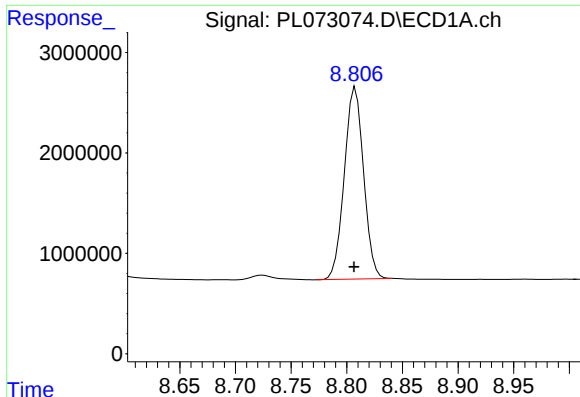
#18 Endrin aldehyde

R.T.: 8.577 min
Delta R.T.: 0.001 min
Response: 15614339
Conc: 48.64 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.002 min
Response: 52714953
Conc: 48.44 ng/ml



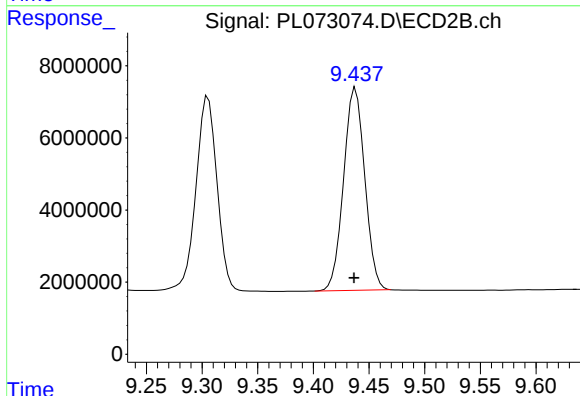
#19 Endosulfan Sulfate

R.T.: 8.808 min
Delta R.T.: 0.001 min
Response: 23021018
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

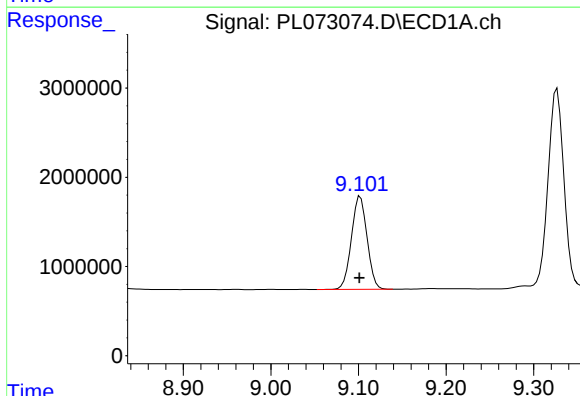
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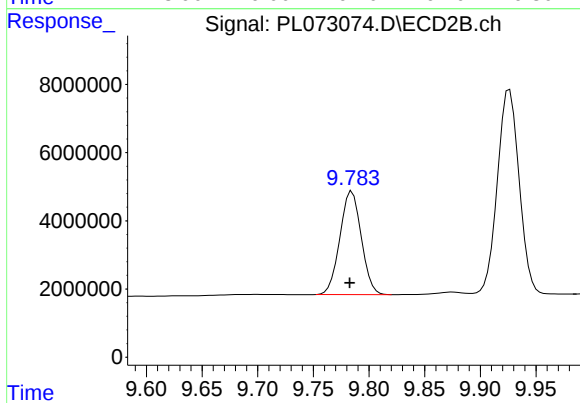
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: 0.001 min
Response: 74506616
Conc: 52.55 ng/ml



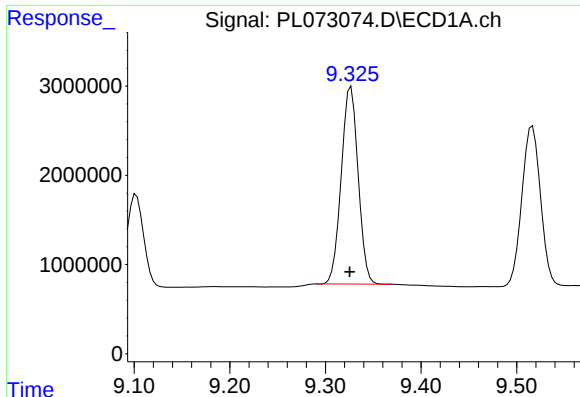
#20 Methoxychlor

R.T.: 9.102 min
Delta R.T.: 0.001 min
Response: 12943369
Conc: 51.82 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 40550837
Conc: 51.80 ng/ml



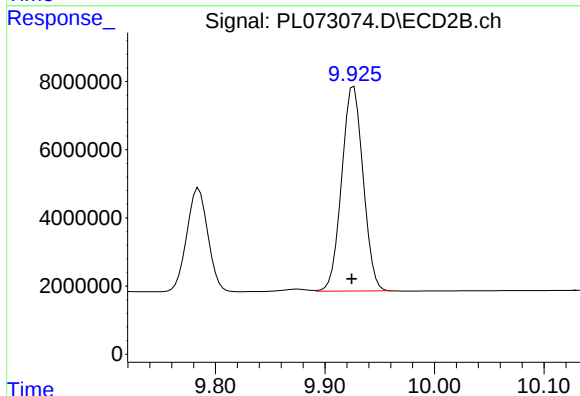
#21 Endrin ketone

R.T.: 9.327 min
Delta R.T.: 0.001 min
Response: 27225142
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

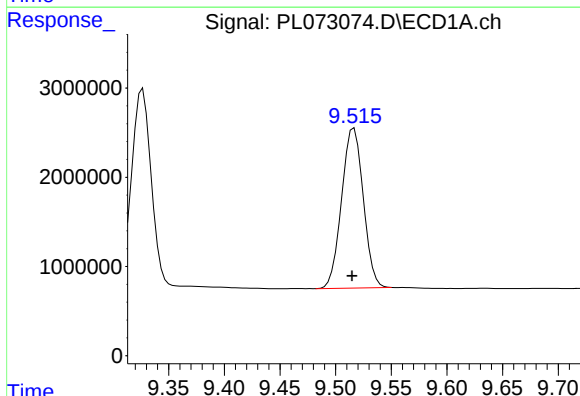
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APPROVED

Reviewed By :Abdul Mirza 03/03/2022
Supervised By :Ankita Jodhani 03/03/2022



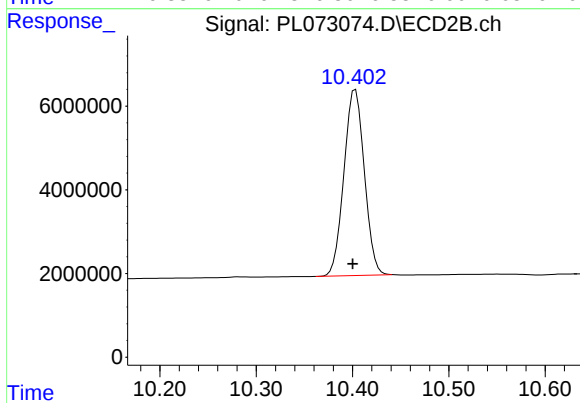
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 81655988
Conc: 55.69 ng/ml



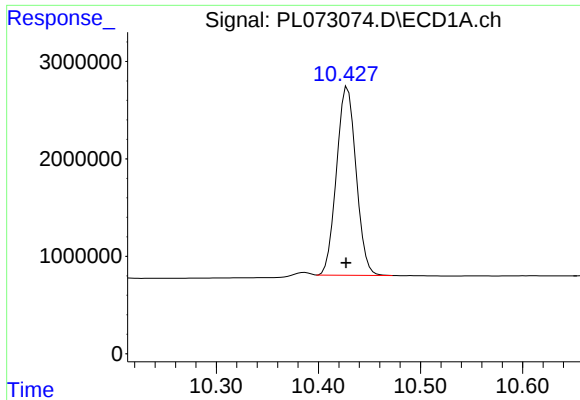
#22 Mirex

R.T.: 9.517 min
Delta R.T.: 0.002 min
Response: 24333585
Conc: 43.13 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: 0.003 min
Response: 65316116
Conc: 44.48 ng/ml



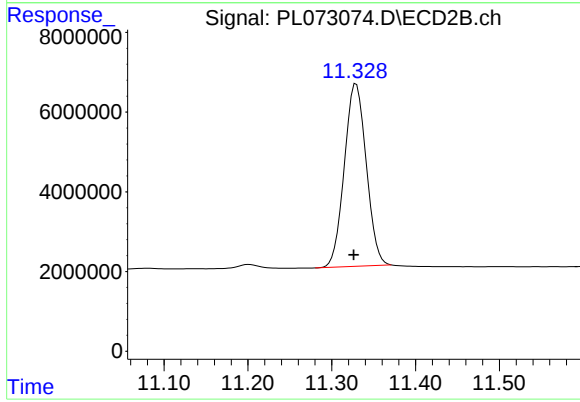
#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 25809570
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 83374173
Conc: 52.85 ng/ml