

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 21:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:40:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.558	5.494	23661071	65734679	51.220	53.502
28)	SA Decachlor...	10.320	11.388	35693234	63474250	49.366	53.564
Target Compounds							
2)	A alpha-BHC	5.265	6.076	32700882	95962037	52.960	55.041
3)	MA gamma-BHC...	5.688	6.472	31743808	88423417	52.149	54.664
4)	MA Heptachlor	6.094	7.118	35667410	89481932	52.247	55.842
5)	MB Aldrin	6.417	7.488	32515090	84316936	51.642	54.729
6)	B beta-BHC	6.073	6.731	13790275	38725682	50.968	54.199
7)	B delta-BHC	6.331	6.997	33274914	89025745	53.211	57.993
8)	B Heptachlo...	6.995	7.956	31362319	75614506	51.413	54.113
9)	A Endosulfan I	7.398	8.361	29106678	68355761	51.395	55.188
10)	B gamma-Chl...	7.273	8.226	31774700	75543259	51.246	55.245
11)	B alpha-Chl...	7.342	8.306	31752212	73953791	51.279	55.568
12)	B 4,4'-DDE	7.557	8.496	29164648	70808677	52.602	56.257
13)	MA Dieldrin	7.684	8.650	31117610	71968298	51.594	54.854
14)	MA Endrin	7.975	8.889	28164167	60441137	53.294	58.401
15)	B Endosulfa...	8.287	9.126	29429232	63904249	50.912	56.907
16)	A 4,4'-DDD	8.143	9.037	24943120	55450212	51.799	57.678
17)	MA 4,4'-DDT	8.403	9.352	25536262	56123541	53.506	59.514m
18)	B Endrin al...	8.476	9.261	22801341	47076370	50.249	55.476
19)	B Endosulfa...	8.707	9.498	29552358	58510919	50.540	56.323
20)	A Methoxychlor	9.000	9.841	16279074	29226056	52.598	59.352
21)	B Endrin ke...	9.226	9.995	35037037	62762077	50.559	55.615
22)	Mirex	9.407	10.458	30171266	46318108	50.296	53.916

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071928.D
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 Acq On : 10 Jan 2022 21:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

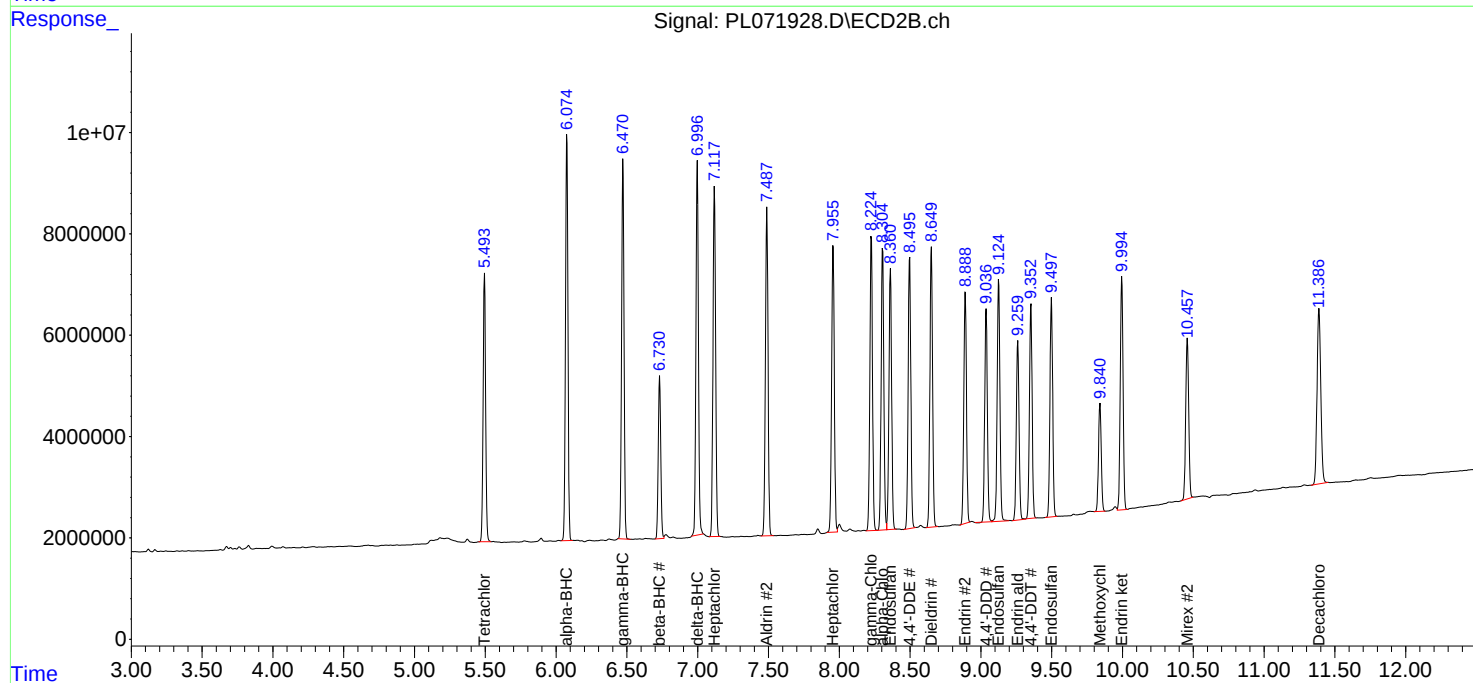
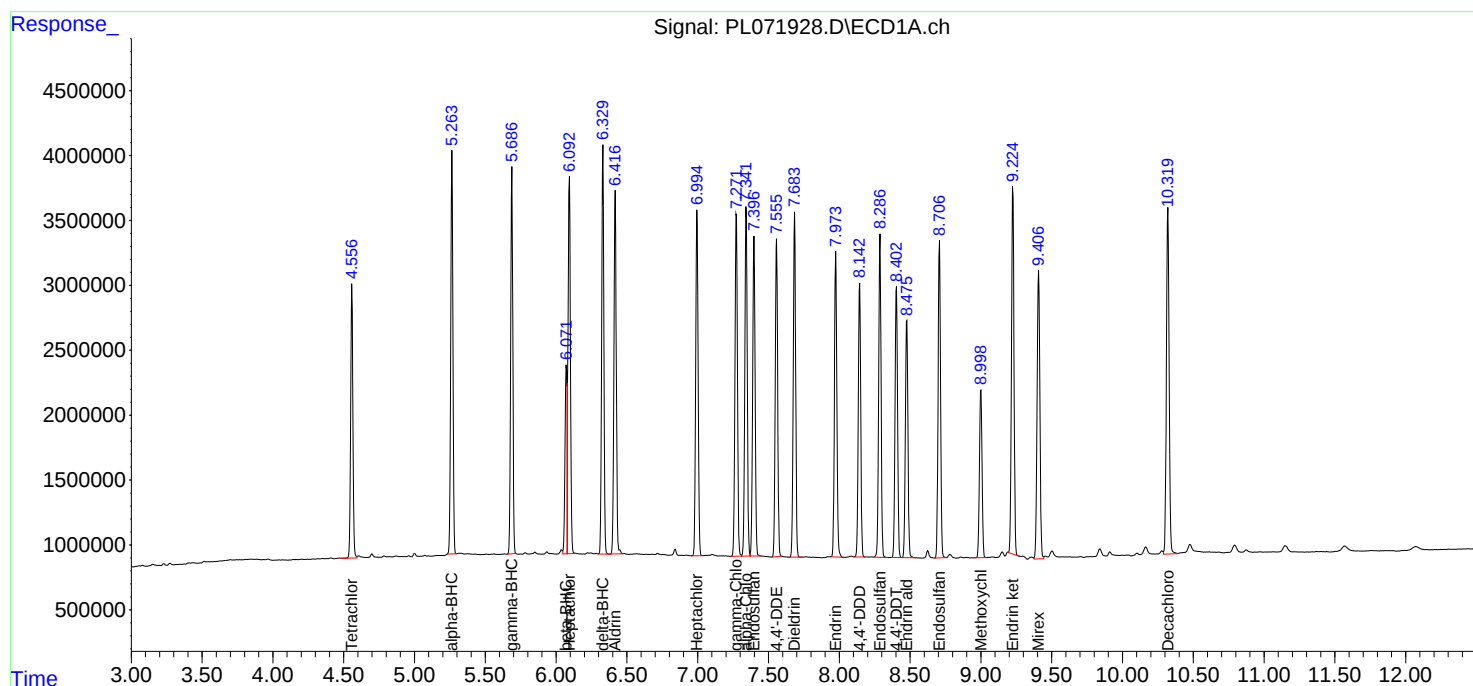
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

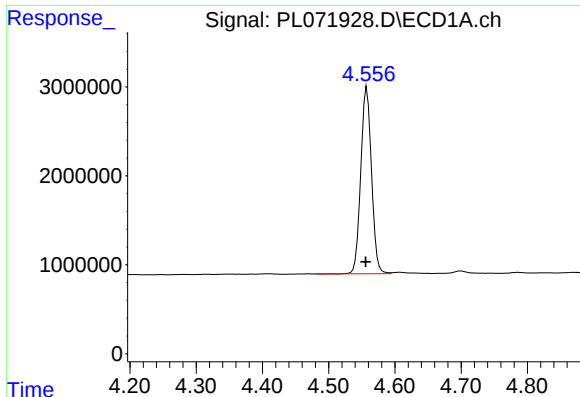
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:40:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
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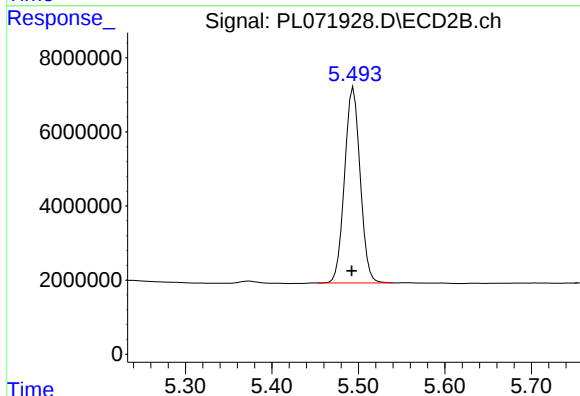
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 23661071
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

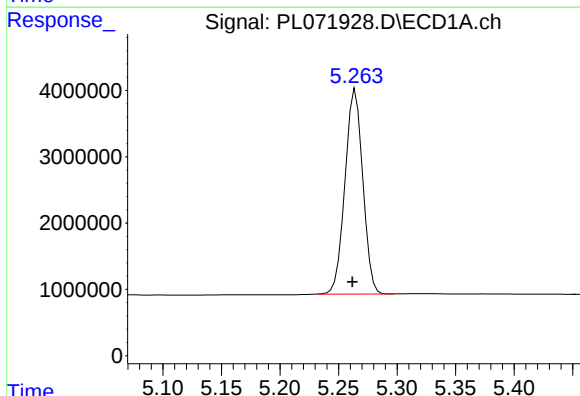
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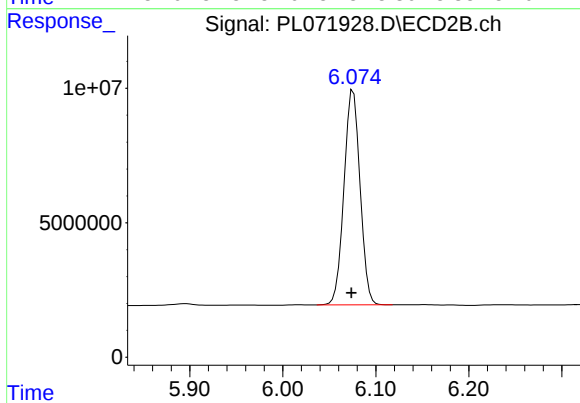
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 65734679
Conc: 53.50 ng/ml



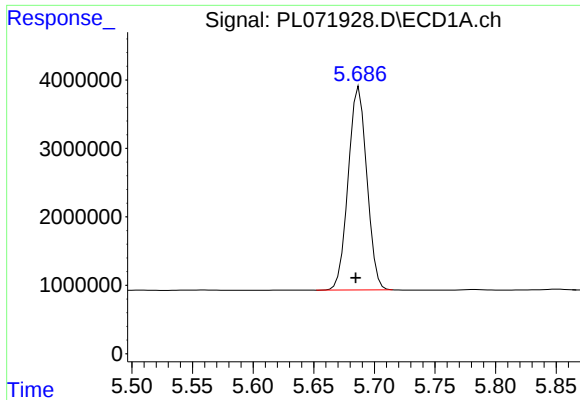
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 32700882
Conc: 52.96 ng/ml



#2 alpha-BHC

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 95962037
Conc: 55.04 ng/ml



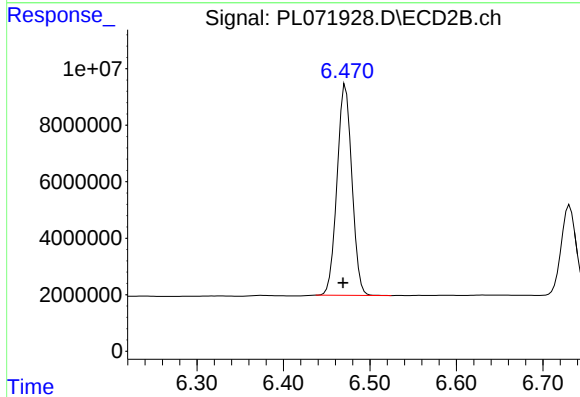
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 31743808
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

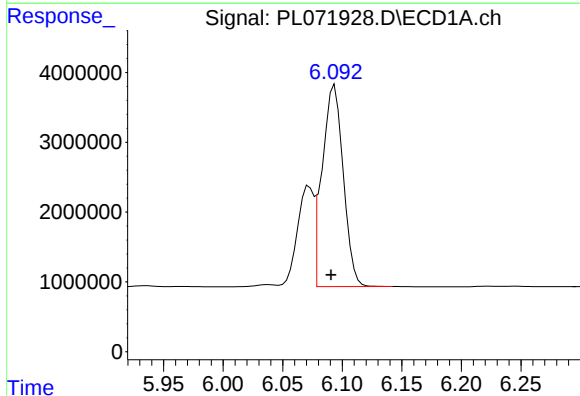
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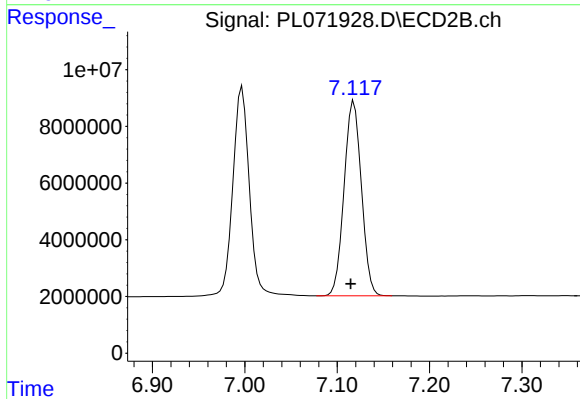
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 88423417
Conc: 54.66 ng/ml



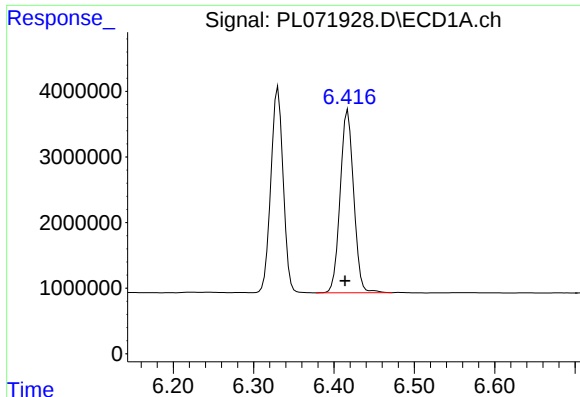
#4 Heptachlor

R.T.: 6.094 min
Delta R.T.: 0.003 min
Response: 35667410
Conc: 52.25 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.003 min
Response: 89481932
Conc: 55.84 ng/ml



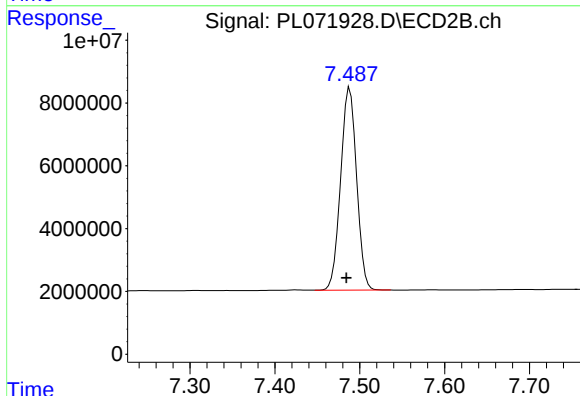
#5 Aldrin

R.T.: 6.417 min
Delta R.T.: 0.003 min
Response: 32515090
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

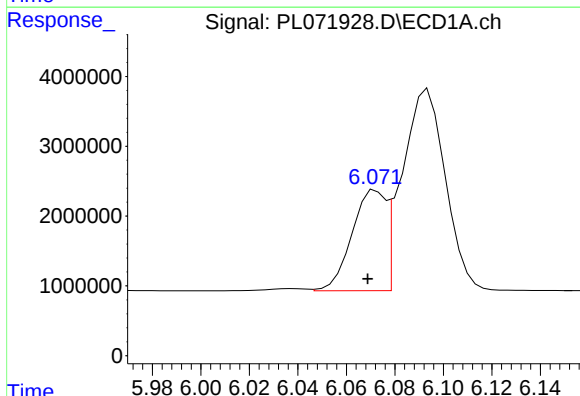
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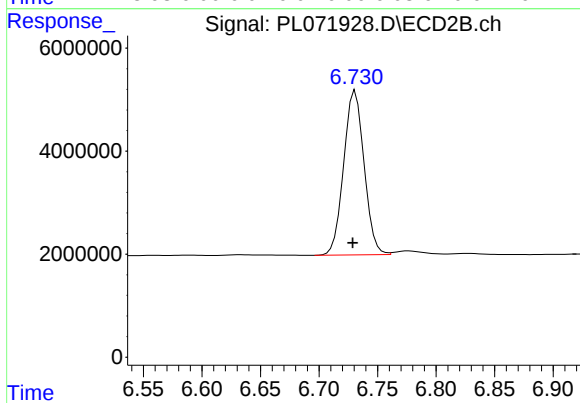
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 84316936
Conc: 54.73 ng/ml



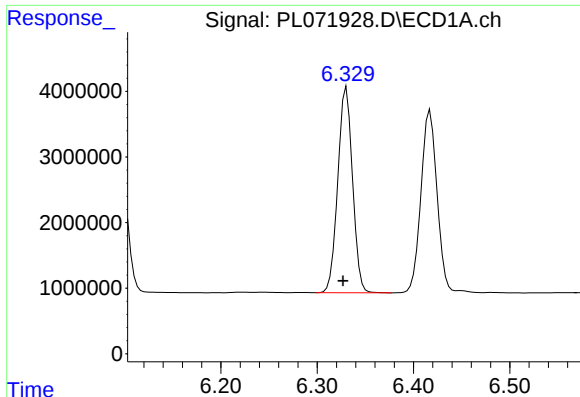
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 13790275
Conc: 50.97 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 38725682
Conc: 54.20 ng/ml



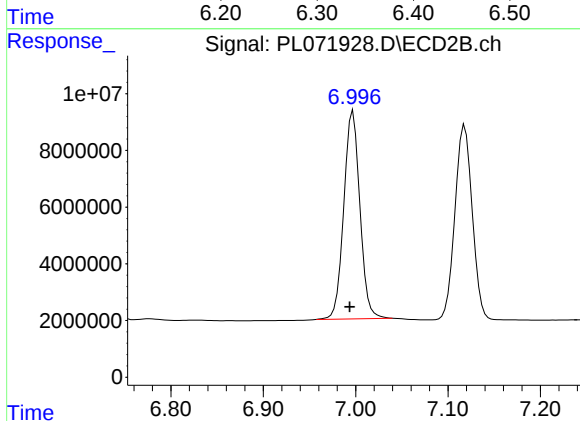
#7 delta-BHC

R.T.: 6.331 min
Delta R.T.: 0.004 min
Response: 33274914
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

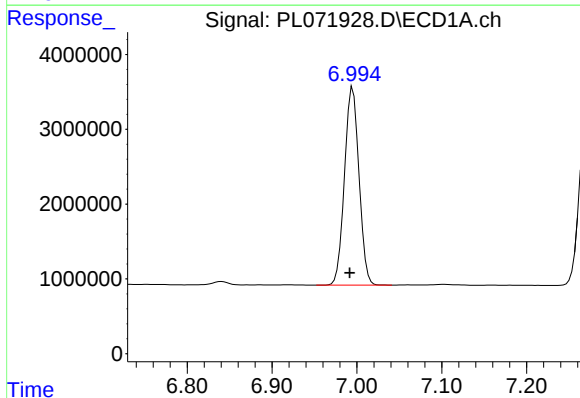
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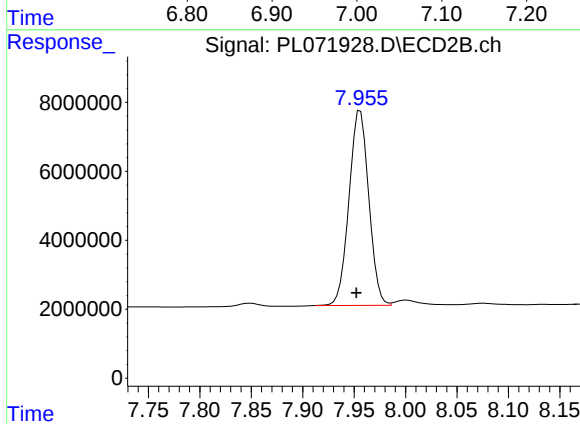
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.003 min
Response: 89025745
Conc: 57.99 ng/ml



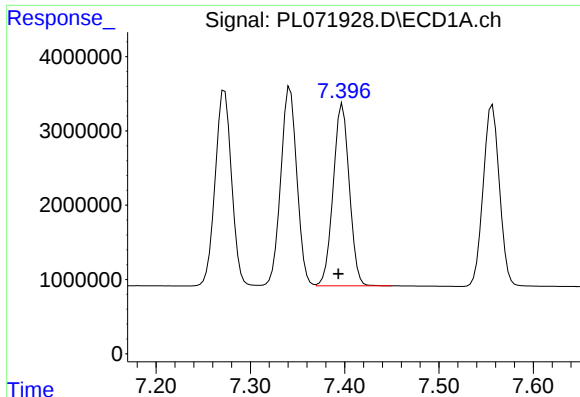
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.004 min
Response: 31362319
Conc: 51.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 75614506
Conc: 54.11 ng/ml



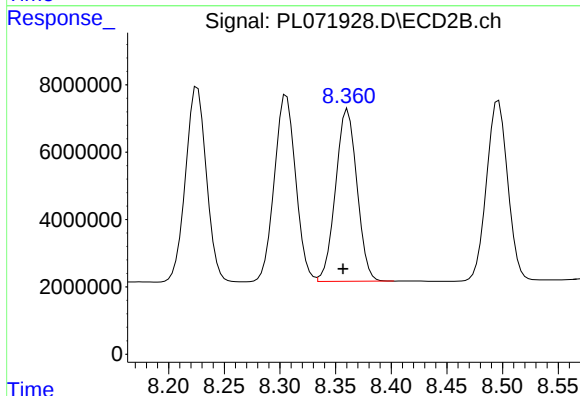
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: 0.004 min
Response: 29106678
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

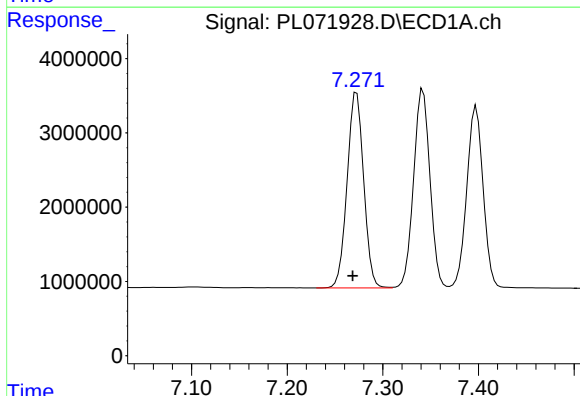
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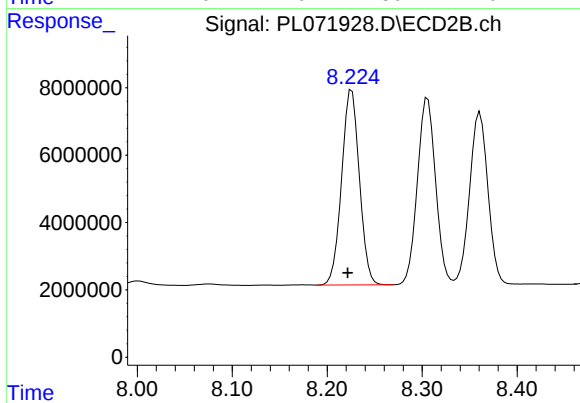
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: 0.004 min
Response: 68355761
Conc: 55.19 ng/ml



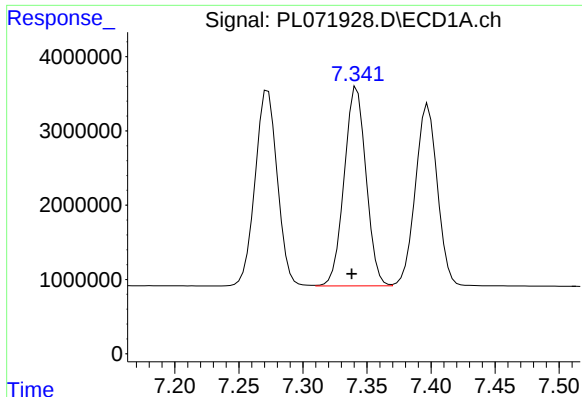
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: 0.004 min
Response: 31774700
Conc: 51.25 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: 0.004 min
Response: 75543259
Conc: 55.25 ng/ml



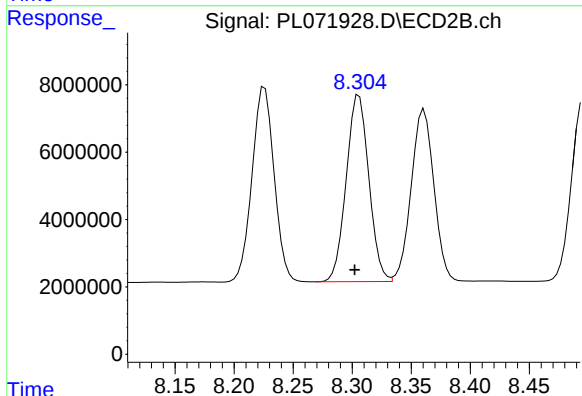
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: 0.004 min
Response: 31752212
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

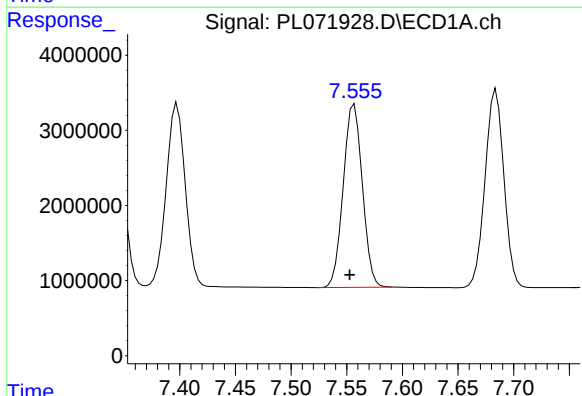
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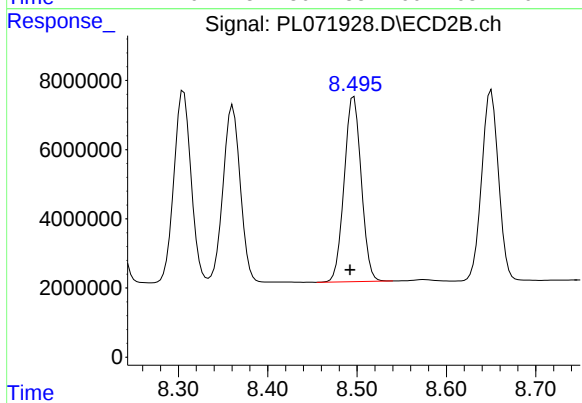
#11 alpha-Chlordane

R.T.: 8.306 min
Delta R.T.: 0.004 min
Response: 73953791
Conc: 55.57 ng/ml



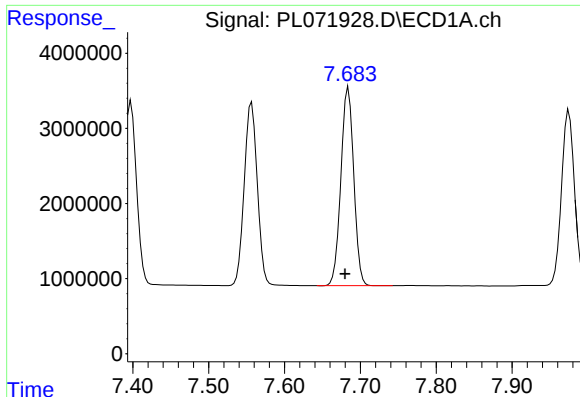
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 29164648
Conc: 52.60 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.004 min
Response: 70808677
Conc: 56.26 ng/ml



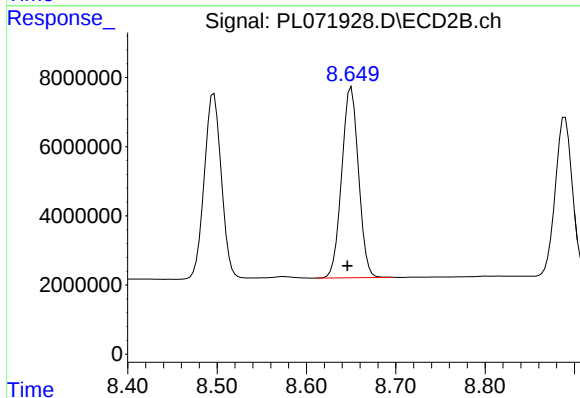
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: 0.004 min
Response: 31117610
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

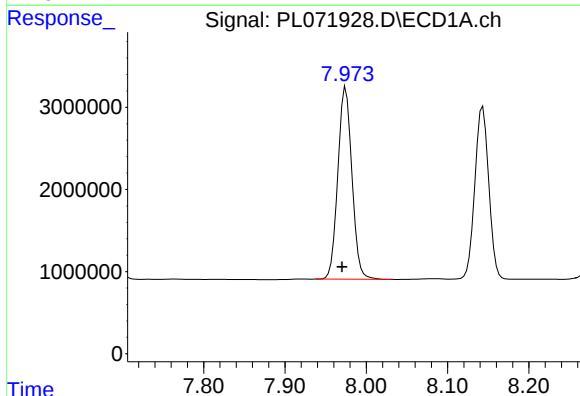
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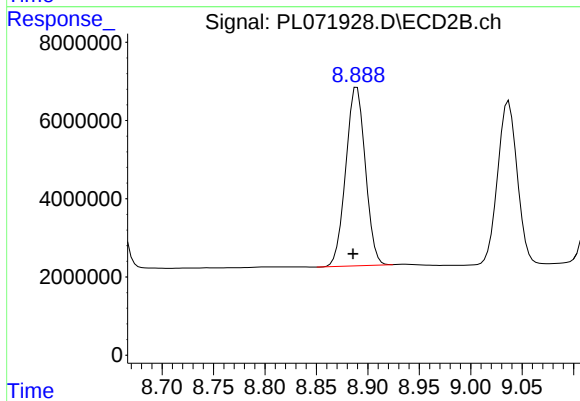
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: 0.004 min
Response: 71968298
Conc: 54.85 ng/ml



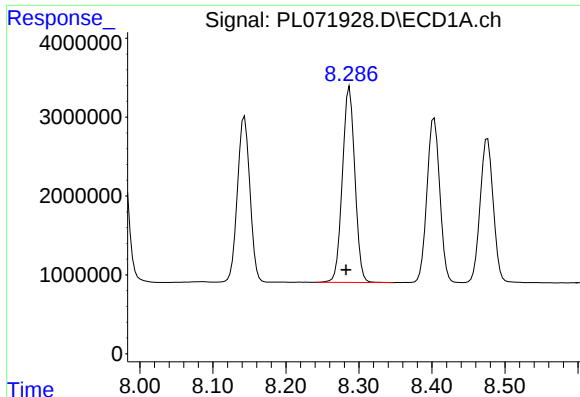
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.004 min
Response: 28164167
Conc: 53.29 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.004 min
Response: 60441137
Conc: 58.40 ng/ml



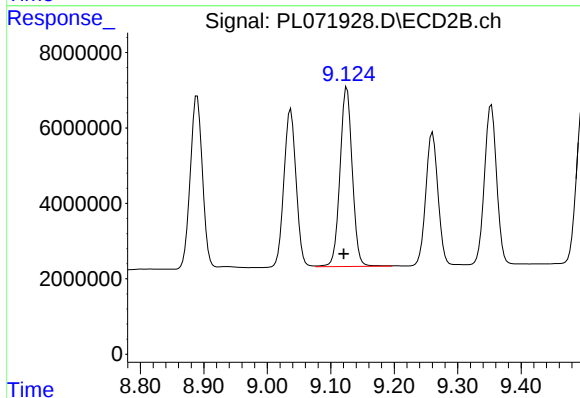
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: 0.005 min
Response: 29429232
Conc: 50.91 ng/ml

Instrument :
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ClientSampleId :
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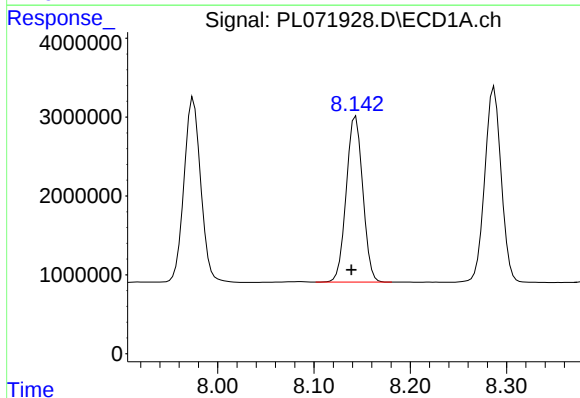
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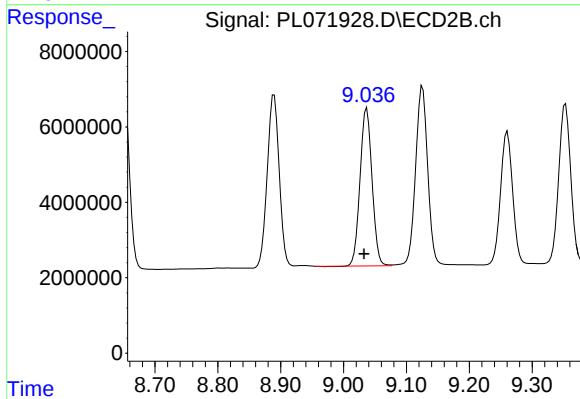
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: 0.005 min
Response: 63904249
Conc: 56.91 ng/ml



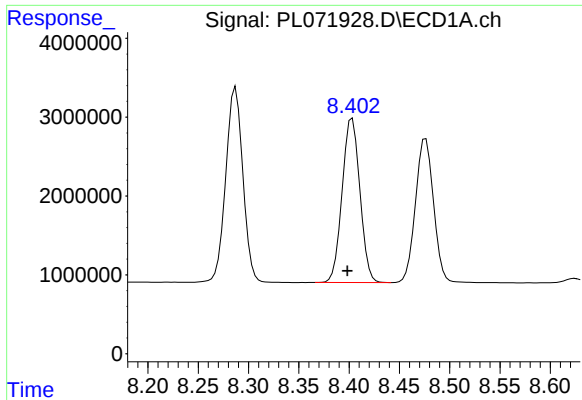
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 24943120
Conc: 51.80 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.004 min
Response: 55450212
Conc: 57.68 ng/ml



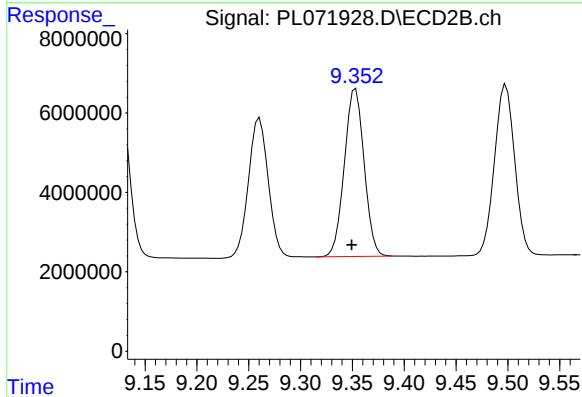
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 25536262
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

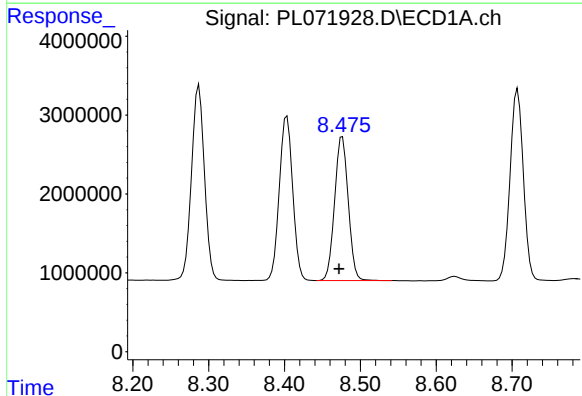
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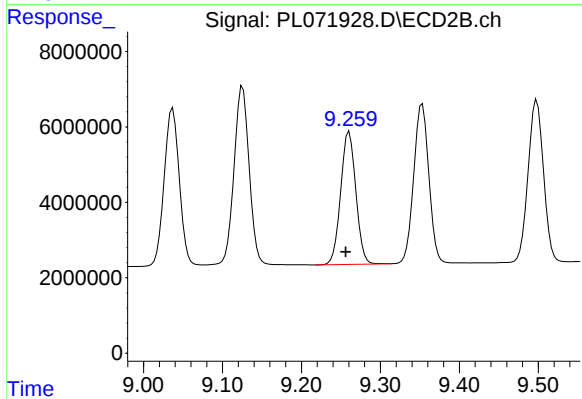
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.003 min
Response: 56123541
Conc: 59.51 ng/ml m



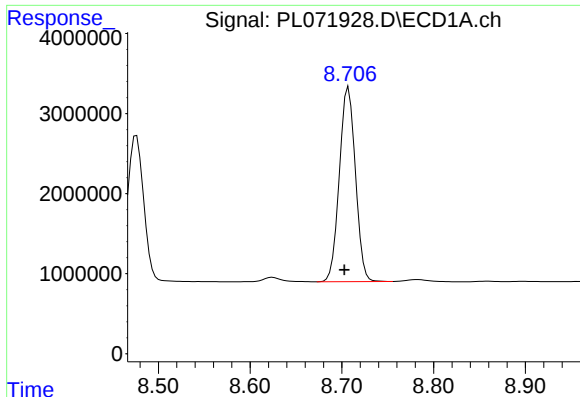
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.004 min
Response: 22801341
Conc: 50.25 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.004 min
Response: 47076370
Conc: 55.48 ng/ml



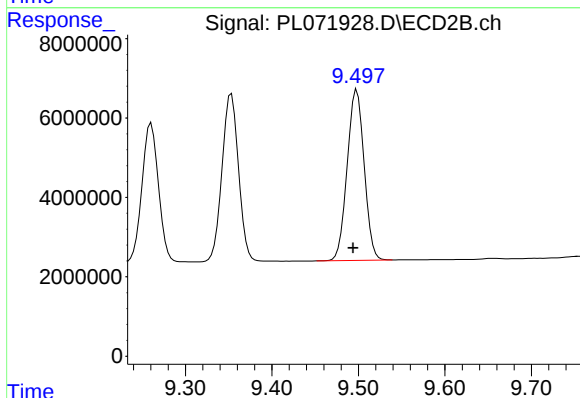
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: 0.005 min
Response: 29552358
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

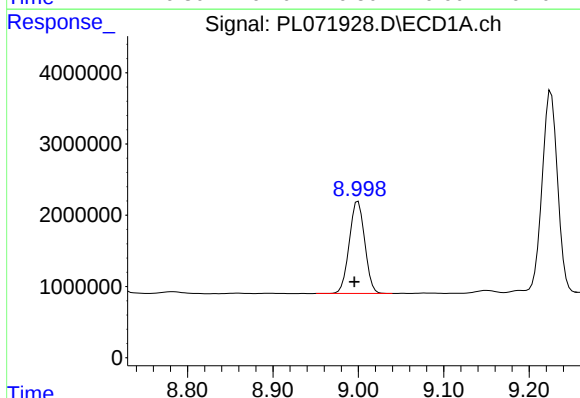
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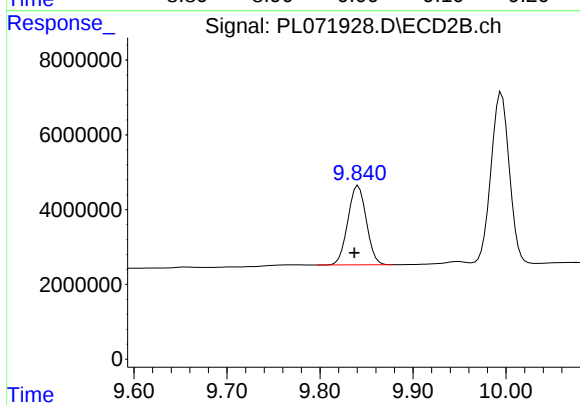
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: 0.004 min
Response: 58510919
Conc: 56.32 ng/ml



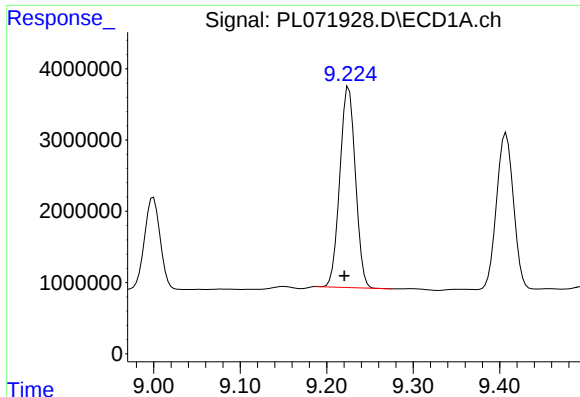
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 16279074
Conc: 52.60 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.004 min
Response: 29226056
Conc: 59.35 ng/ml



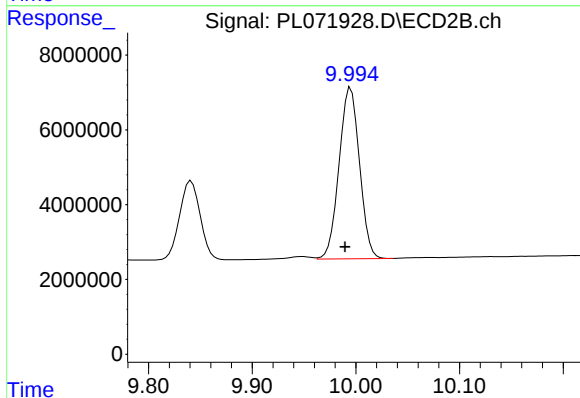
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: 0.005 min
Response: 35037037
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

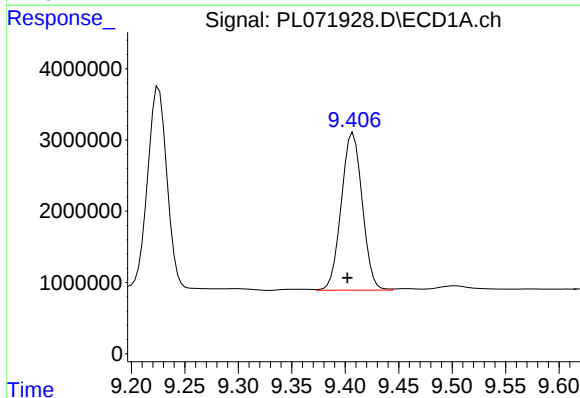
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



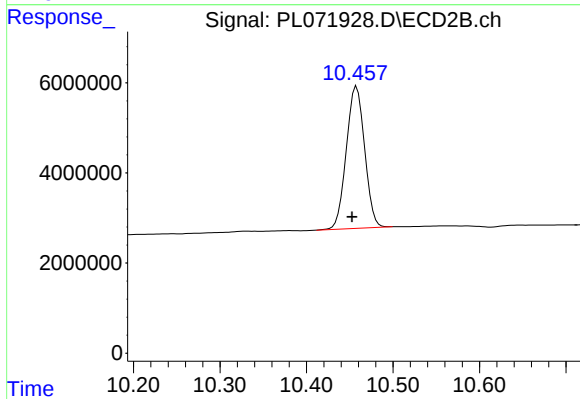
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 62762077
Conc: 55.61 ng/ml



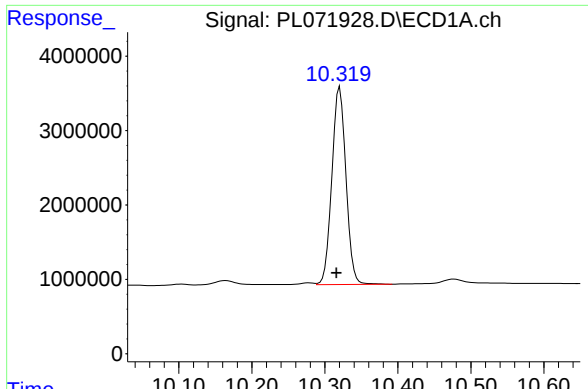
#22 Mirex

R.T.: 9.407 min
Delta R.T.: 0.005 min
Response: 30171266
Conc: 50.30 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: 0.005 min
Response: 46318108
Conc: 53.92 ng/ml



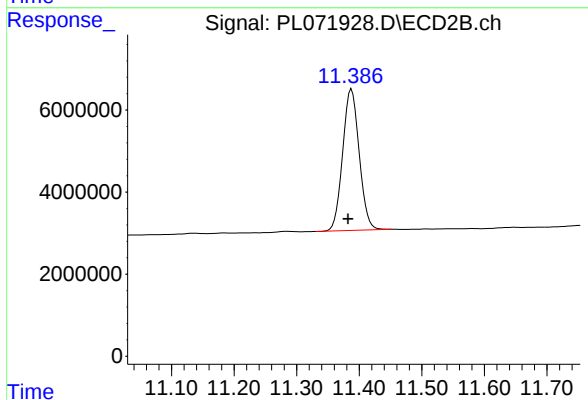
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.005 min
Response: 35693234
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 01/12/2022



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.006 min
Response: 63474250
Conc: 53.56 ng/ml