

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110821\
 Data File : PL070860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 04:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2021
 Supervised By : mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 05:20:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.568	5.502	25754406	69444233	52.581	55.077
28)	SA Decachlor...	10.330	11.392	32950189	72536464	48.222	54.238
Target Compounds							
2)	A alpha-BHC	5.274	6.082	36212024	104.5E6	54.096	56.776
3)	MA gamma-BHC...	5.696	6.477	35248370	98268763	52.548	56.670
4)	MA Heptachlor	6.104	7.124	36337362	96404564	50.644	59.352
5)	MB Aldrin	6.428	7.494	34234054	93480692	53.535	57.568
6)	B beta-BHC	6.078	6.734	17002709	44793489	52.343	52.279
7)	B delta-BHC	6.338	7.000	35548917	97618615	53.714	58.375
8)	B Heptachlo...	7.005	7.961	33490147	88240187	51.511	57.894
9)	A Endosulfan I	7.407	8.366	32105142	82732886	52.411	57.509
10)	B gamma-Chl...	7.282	8.230	34300159	92004098	51.671	59.420
11)	B alpha-Chl...	7.352	8.310	34338811	87516823	51.532	57.540
12)	B 4,4'-DDE	7.567	8.500	30628402	85470176	52.569	57.926
13)	MA Dieldrin	7.693	8.654	32678083	85471539	52.351	58.658
14)	MA Endrin	7.984	8.893	26074517	62029395	45.989	53.552
15)	B Endosulfa...	8.295	9.128	29936368	71771641	49.454	58.764
16)	A 4,4'-DDD	8.152	9.038	28694579	70626573	56.475	58.688m
17)	MA 4,4'-DDT	8.413	9.356	25458503	64359818	46.290	51.015
18)	B Endrin al...	8.484	9.262	23880630	56687593	52.564	58.619
19)	B Endosulfa...	8.714	9.500	31445795	70238379	50.975	56.671
20)	A Methoxychlor	9.008	9.843	15774582	32096088	43.119	47.423
21)	B Endrin ke...	9.232	9.996	40973227	83514848	57.301	58.179
22)	Mirex	9.416	10.461	30758434	57443100	50.084	55.149

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

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 Acq On : 09 Nov 2021 04:55
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ECD_L

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PSTDCCC050

Manual Integrations

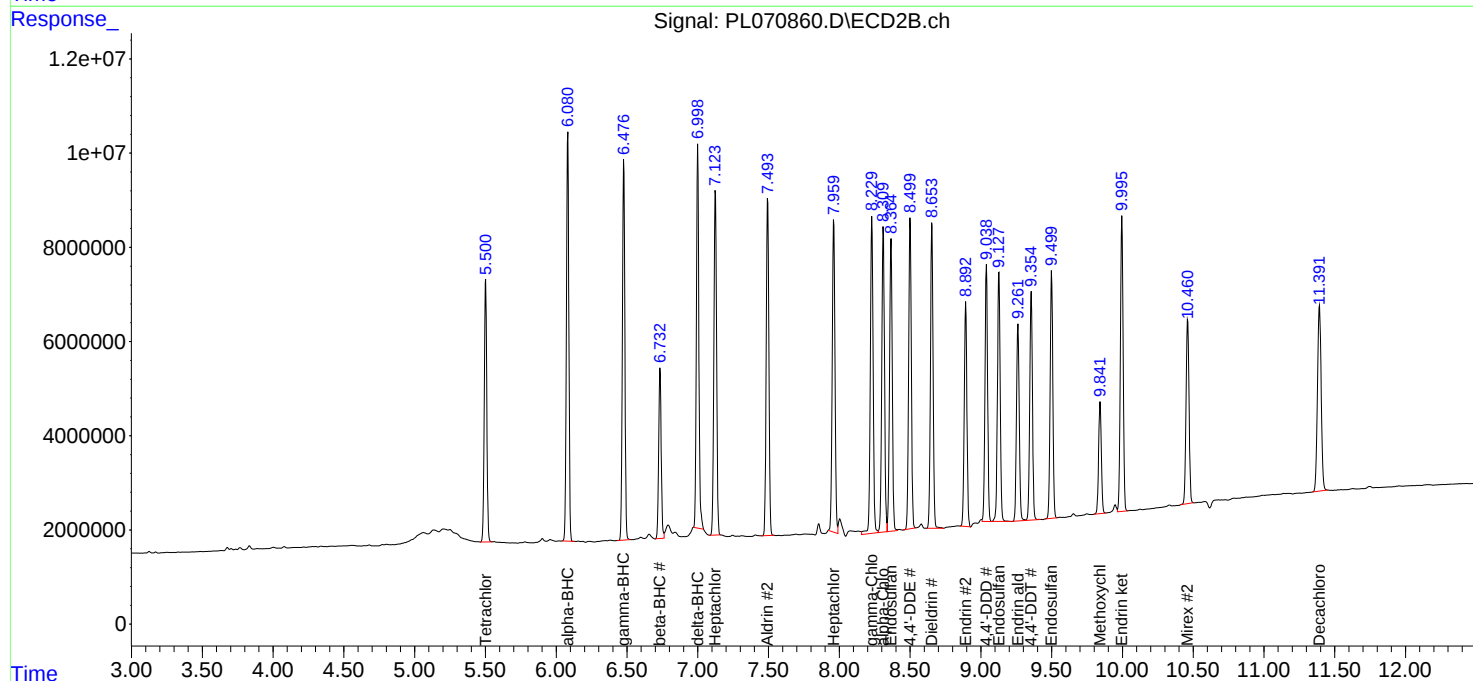
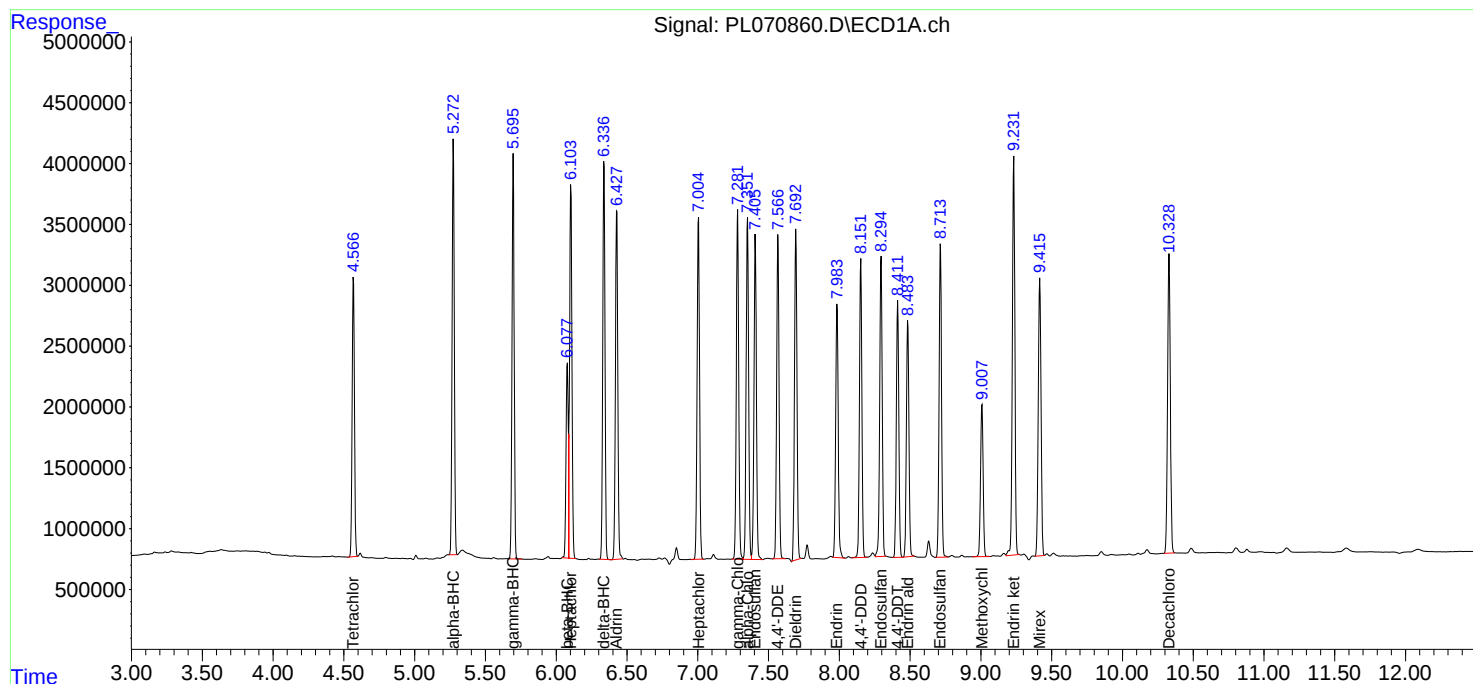
APPROVED

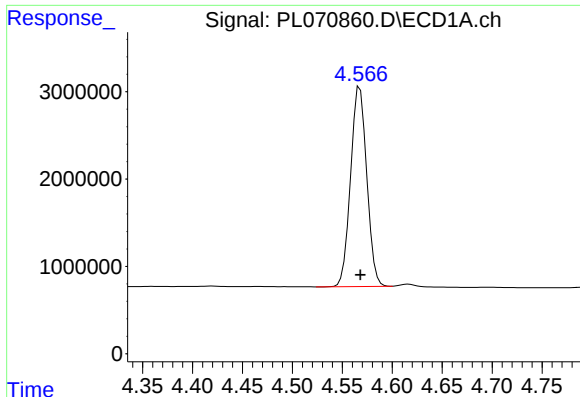
Reviewed By :Abdul Mirza 11/09/2021

Supervised By :mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
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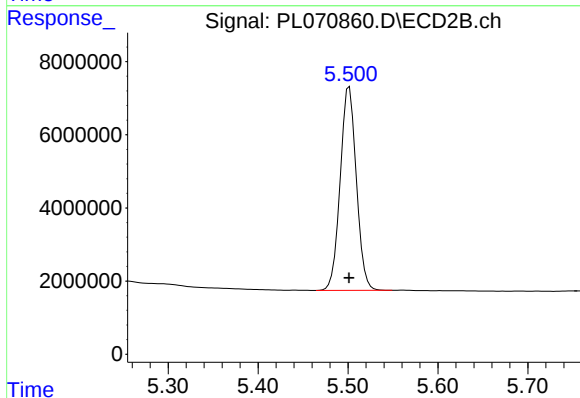
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 25754406
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

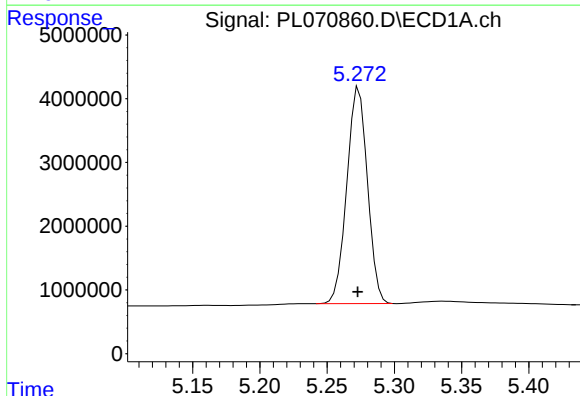
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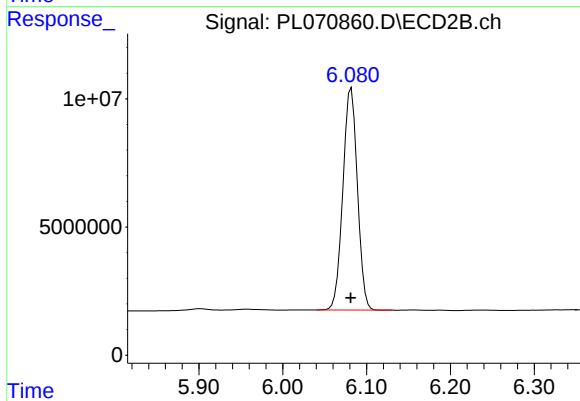
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 69444233
Conc: 55.08 ng/ml



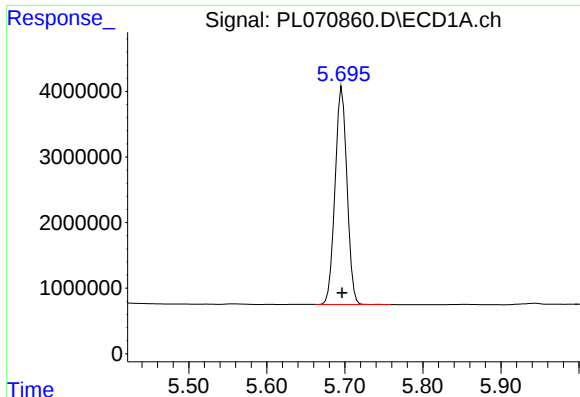
#2 alpha-BHC

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 36212024
Conc: 54.10 ng/ml



#2 alpha-BHC

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 104514361
Conc: 56.78 ng/ml



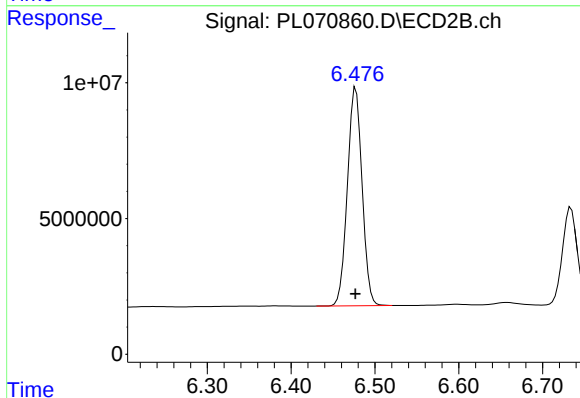
#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 35248370
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

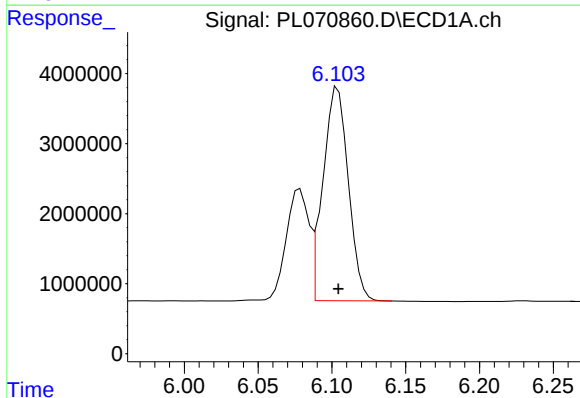
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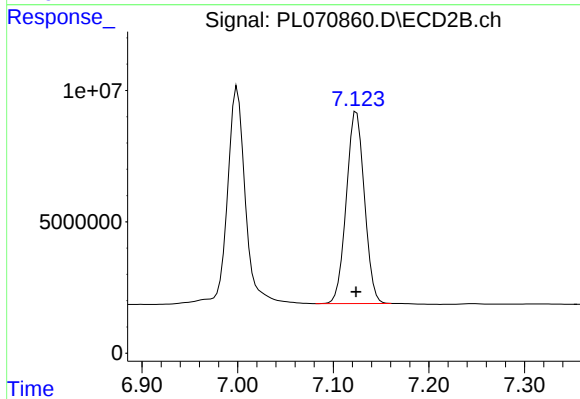
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 98268763
Conc: 56.67 ng/ml



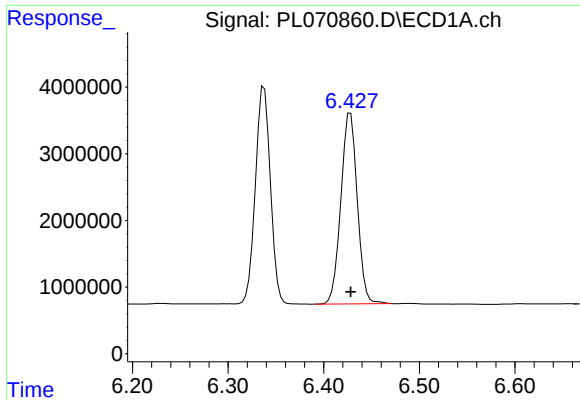
#4 Heptachlor

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 36337362
Conc: 50.64 ng/ml



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 96404564
Conc: 59.35 ng/ml



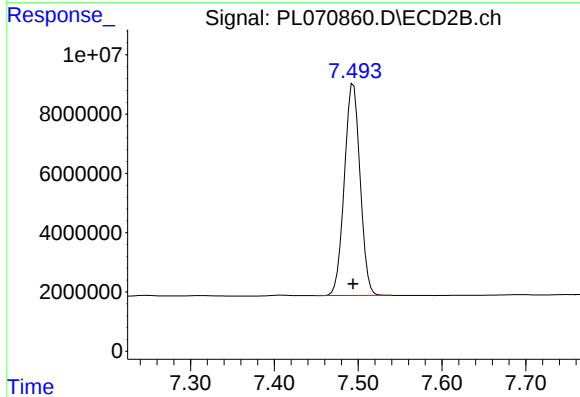
#5 Aldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 34234054
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

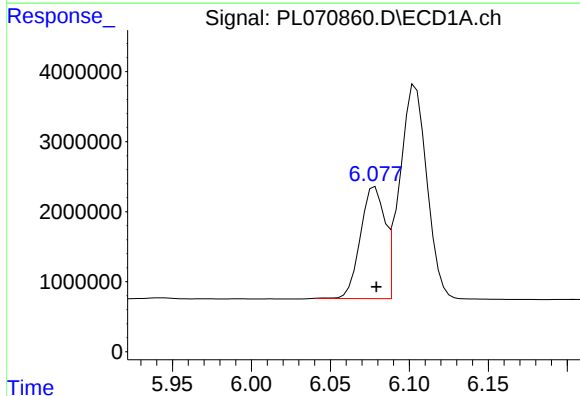
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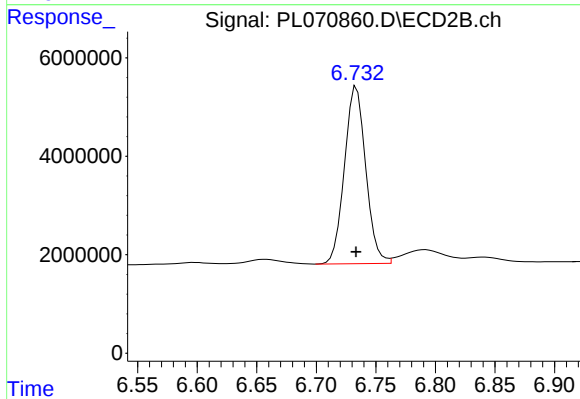
#5 Aldrin

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 93480692
Conc: 57.57 ng/ml



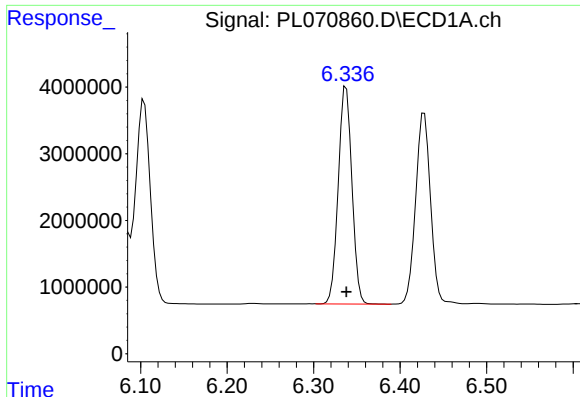
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 17002709
Conc: 52.34 ng/ml



#6 beta-BHC

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 44793489
Conc: 52.28 ng/ml



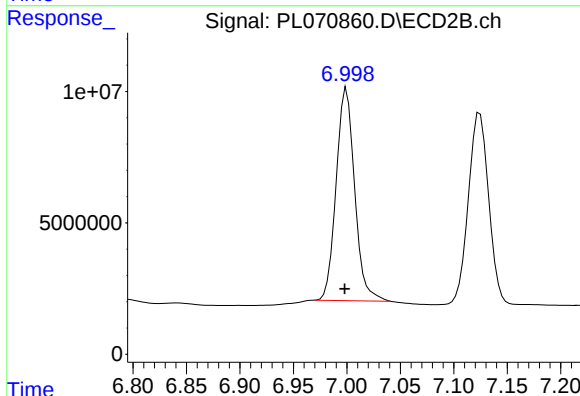
#7 delta-BHC

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 35548917
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

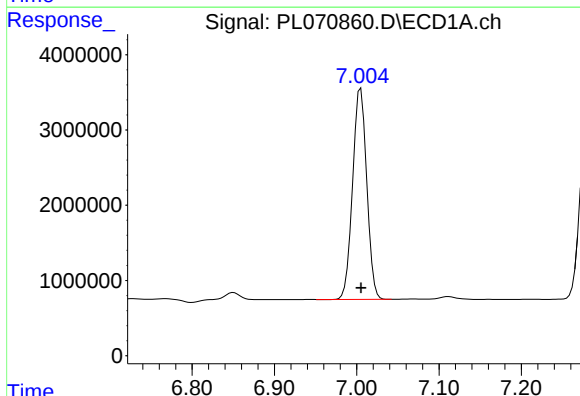
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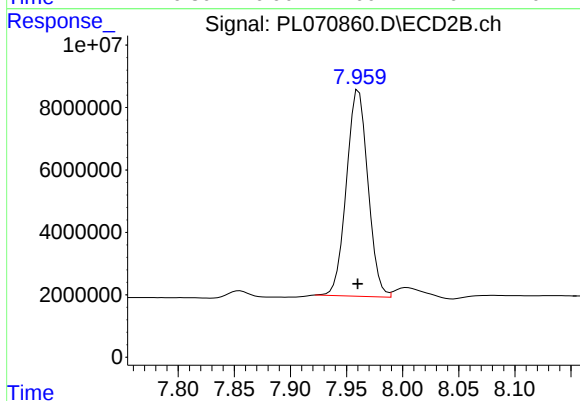
#7 delta-BHC

R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 97618615
Conc: 58.38 ng/ml



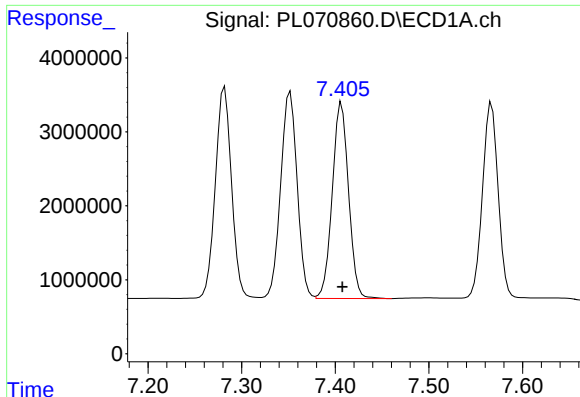
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 33490147
Conc: 51.51 ng/ml



#8 Heptachlor epoxide

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 88240187
Conc: 57.89 ng/ml



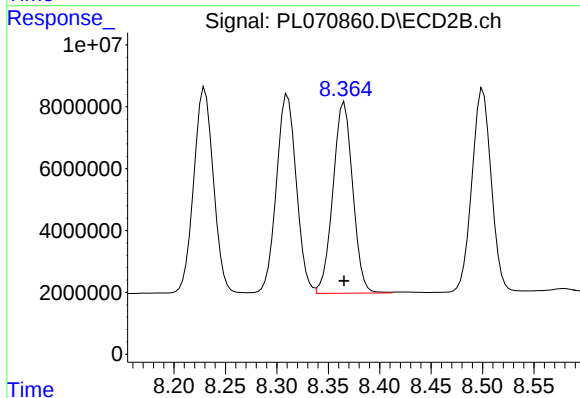
#9 Endosulfan I

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 32105142
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

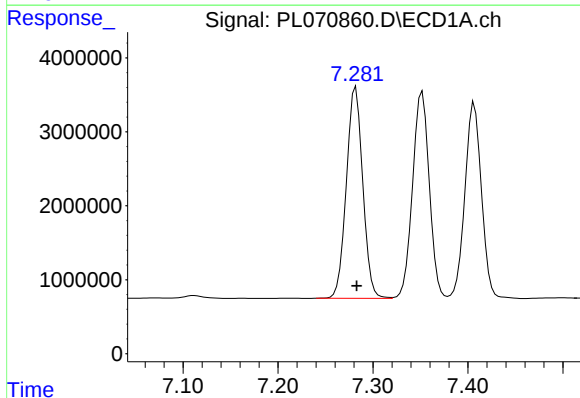
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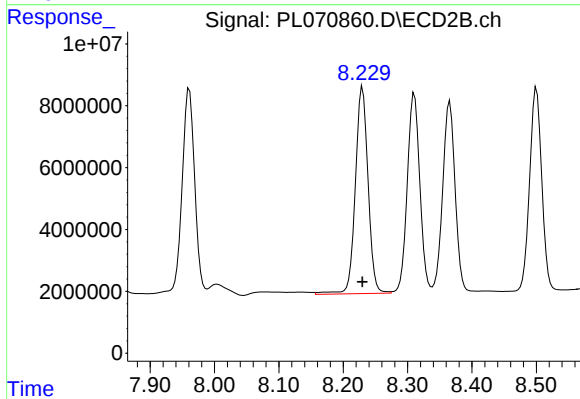
#9 Endosulfan I

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 82732886
Conc: 57.51 ng/ml



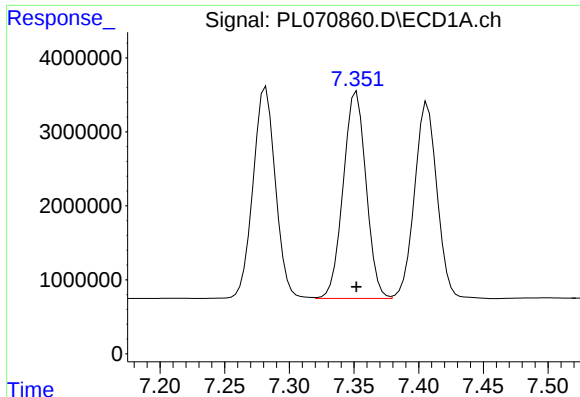
#10 gamma-Chlordane

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 34300159
Conc: 51.67 ng/ml



#10 gamma-Chlordane

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 92004098
Conc: 59.42 ng/ml



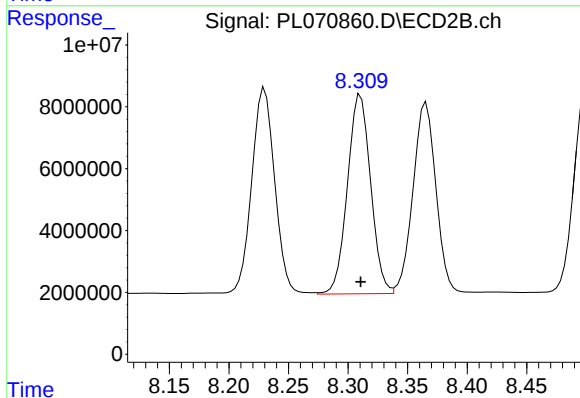
#11 alpha-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 34338811
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

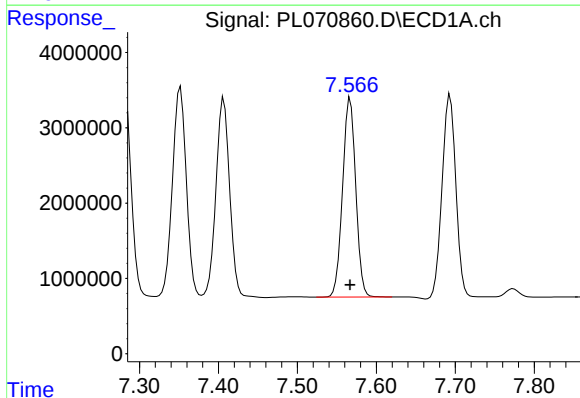
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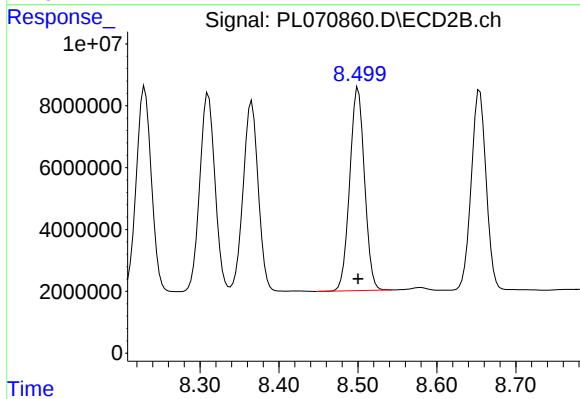
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 87516823
Conc: 57.54 ng/ml



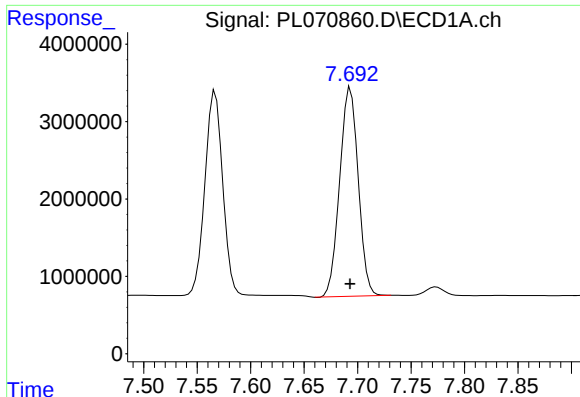
#12 4,4'-DDE

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 30628402
Conc: 52.57 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 85470176
Conc: 57.93 ng/ml



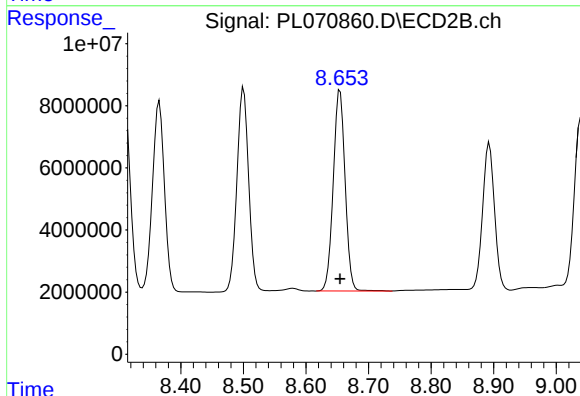
#13 Dieldrin

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 32678083
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

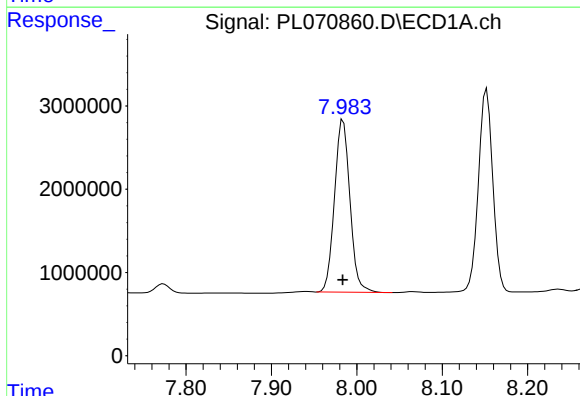
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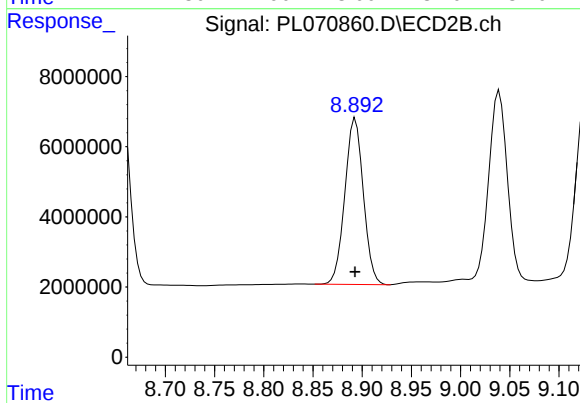
#13 Dieldrin

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 85471539
Conc: 58.66 ng/ml



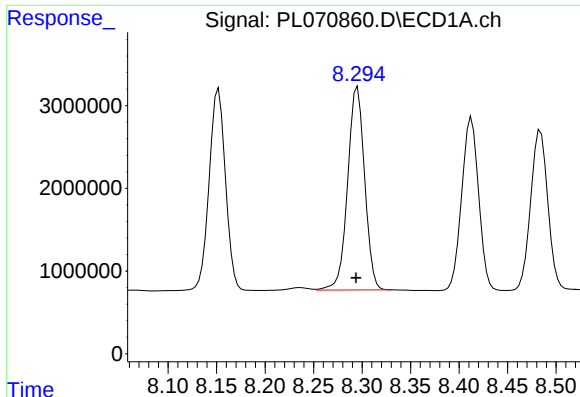
#14 Endrin

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 26074517
Conc: 45.99 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 62029395
Conc: 53.55 ng/ml



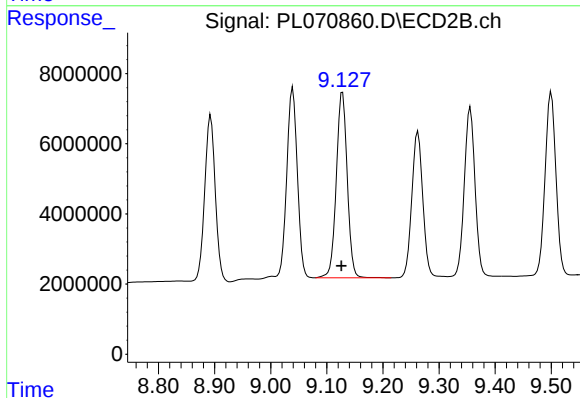
#15 Endosulfan II

R.T.: 8.295 min
Delta R.T.: 0.001 min
Response: 29936368
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

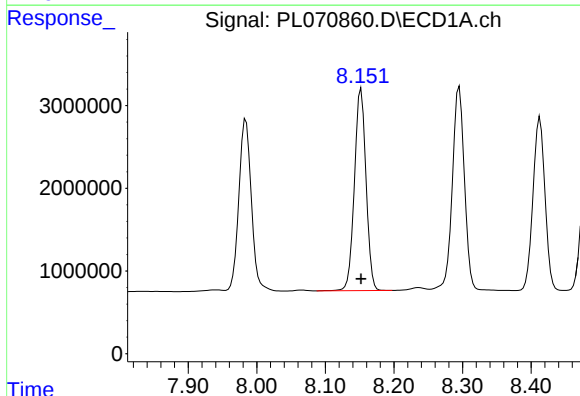
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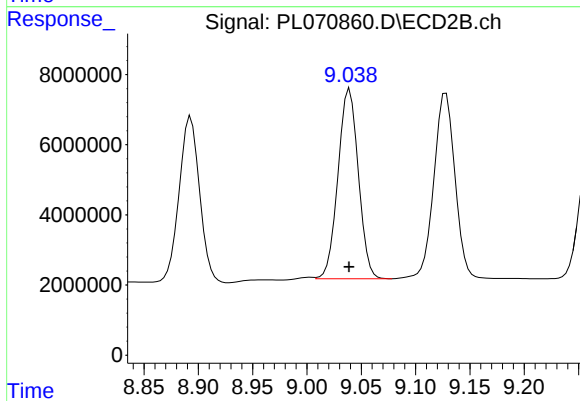
#15 Endosulfan II

R.T.: 9.128 min
Delta R.T.: 0.002 min
Response: 71771641
Conc: 58.76 ng/ml



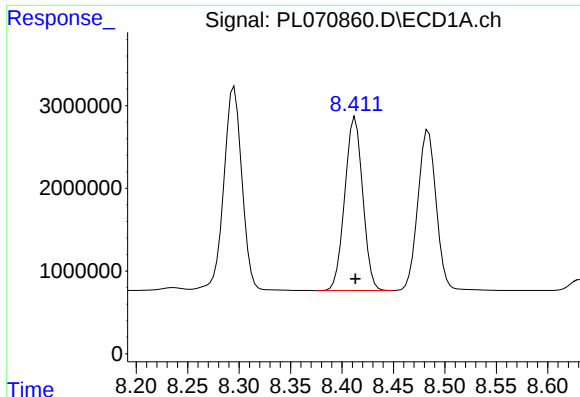
#16 4,4'-DDD

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 28694579
Conc: 56.47 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 70626573
Conc: 58.69 ng/ml m



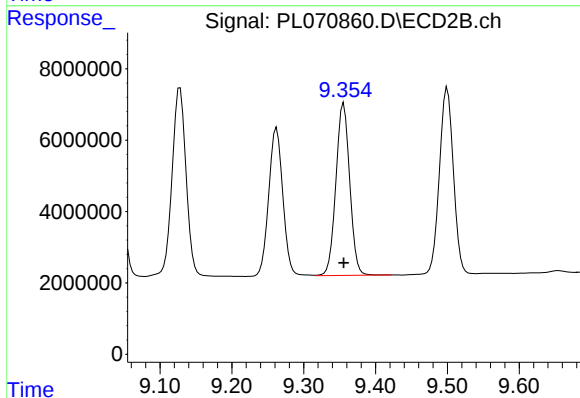
#17 4,4'-DDT

R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 25458503
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

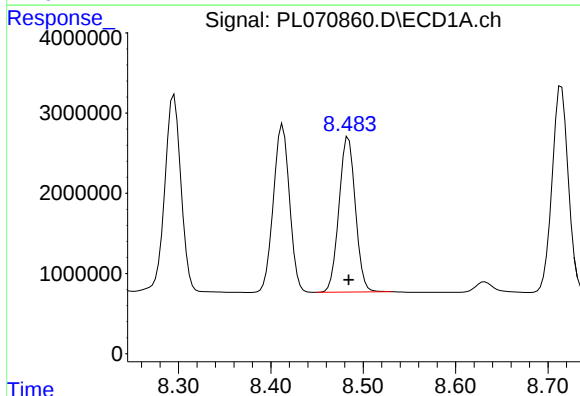
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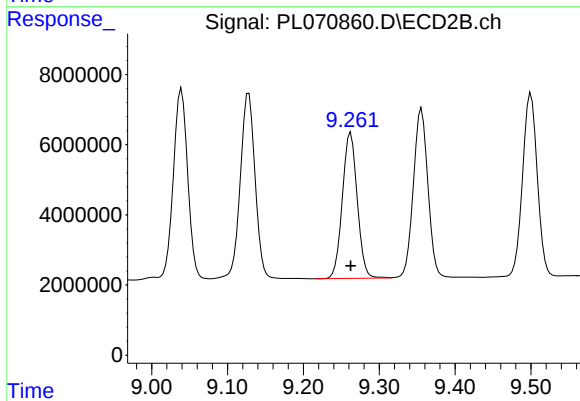
#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 64359818
Conc: 51.02 ng/ml



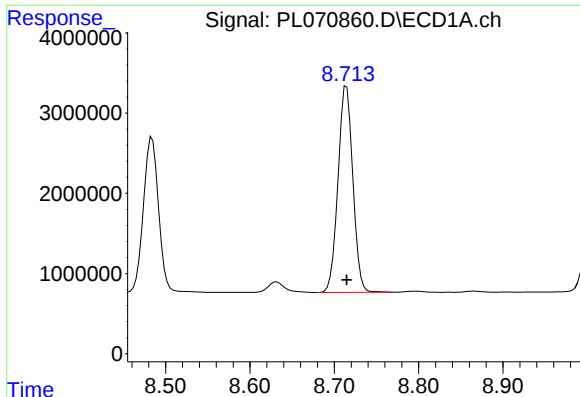
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 23880630
Conc: 52.56 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 56687593
Conc: 58.62 ng/ml



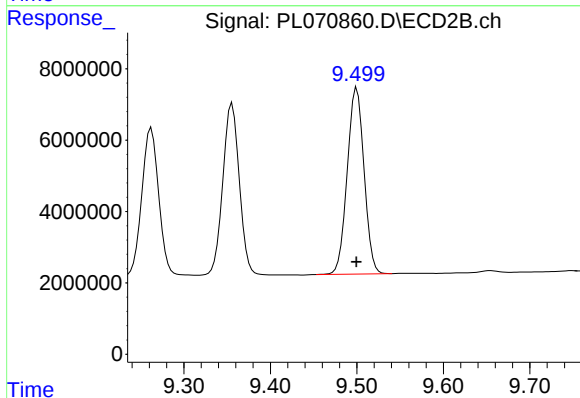
#19 Endosulfan Sulfate

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 31445795
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

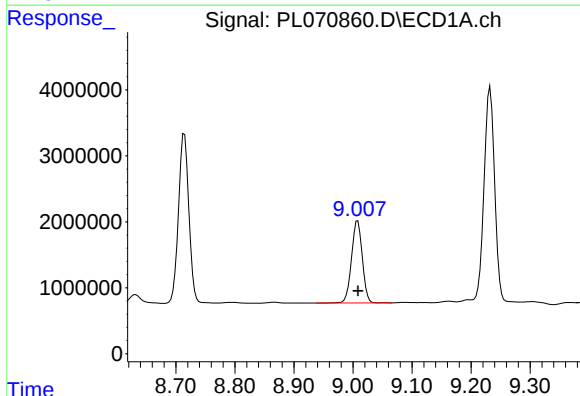
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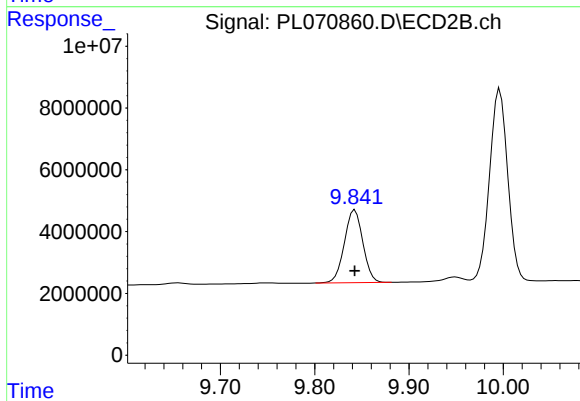
#19 Endosulfan Sulfate

R.T.: 9.500 min
Delta R.T.: 0.000 min
Response: 70238379
Conc: 56.67 ng/ml



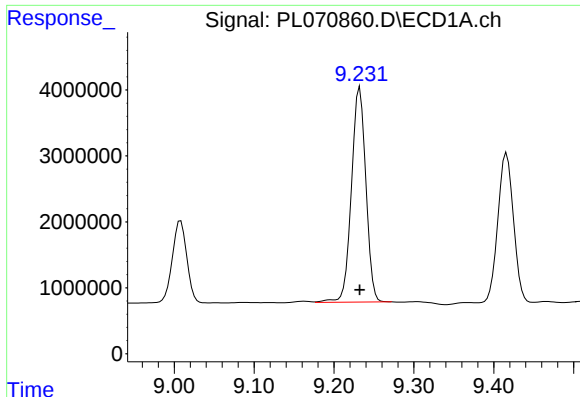
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 15774582
Conc: 43.12 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 32096088
Conc: 47.42 ng/ml



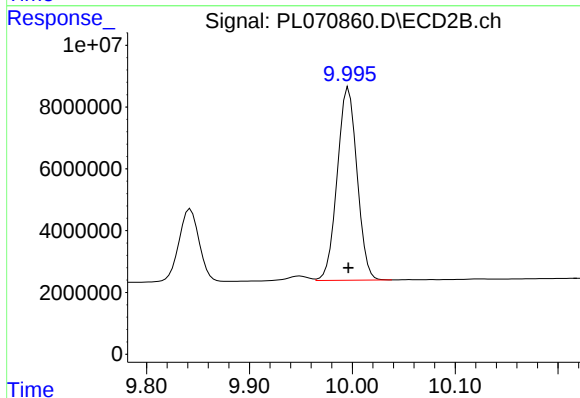
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 40973227
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

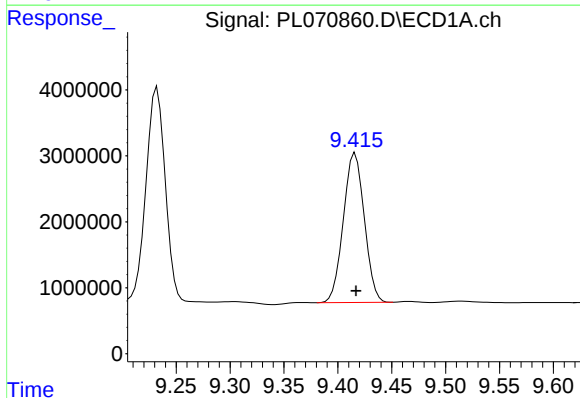
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



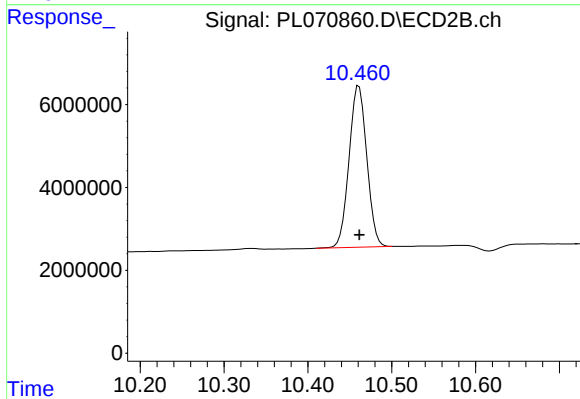
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 83514848
Conc: 58.18 ng/ml



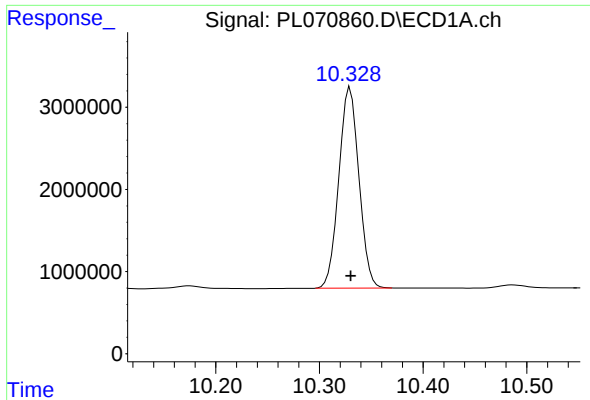
#22 Mirex

R.T.: 9.416 min
Delta R.T.: 0.000 min
Response: 30758434
Conc: 50.08 ng/ml



#22 Mirex

R.T.: 10.461 min
Delta R.T.: 0.000 min
Response: 57443100
Conc: 55.15 ng/ml



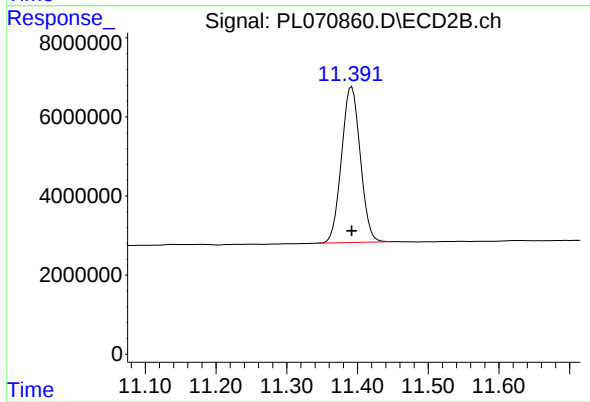
#28 Decachlorobiphenyl

R.T.: 10.330 min
Delta R.T.: 0.000 min
Response: 32950189
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 72536464
Conc: 54.24 ng/ml