

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 14:58
 Operator : AR\AJ
 Sample : N1870-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WP

Manual Integrations
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Reviewed By : Abdul Mirza 03/15/2022
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:00:21 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...	4.641	5.489	6692815	35711163	20.896	21.759
28)	SA Decachlor...	10.417	11.327	11212301	37948910	22.050	21.222
Target Compounds							
2)	A alpha-BHC	5.350	6.052	175.9E6	874.3E6	426.680	388.627
3)	MA gamma-BHC...	5.773	6.441	954.3E6	3985.6E6	2287.818	1866.737
4)	MA Heptachlor	6.185	7.100	441.8E6	1961.2E6	979.162	837.002
5)	MB Aldrin	6.511	7.468	484.3E6	2140.9E6	1172.175	1021.916
6)	B beta-BHC	6.154	6.677	217.5E6	1002.7E6	1056.145	961.966
7)	B delta-BHC	6.415	6.944	493.6E6	2125.4E6	1228.996	986.913m
8)	B Heptachlo...	7.087	7.924	59823551	273.0E6	138.808	136.660
9)	A Endosulfan I	7.491	8.324	150.9E6	650.4E6	367.766	356.309
10)	B gamma-Chl...	7.365	8.192	118.0E6	534.1E6	269.815	261.517
11)	B alpha-Chl...	7.435	8.275	145.7E6	643.7E6	329.774	321.831
12)	B 4,4'-DDE	7.650	8.459	376.4E6	1627.7E6	1049.010	908.127
13)	MA Dieldrin	7.777	8.609	572.9E6	2246.6E6	1375.205	1217.850
14)	MA Endrin	8.068	8.844	266.1E6	998.1E6	685.763	648.366
15)	B Endosulfa...	8.379	9.068	536.2E6	1990.6E6	1371.689	1296.124
16)	A 4,4'-DDD	8.235	8.986	347.7E6	1411.6E6	1070.592	967.066
17)	MA 4,4'-DDT	8.496	9.305	131.9E6	524.5E6	348.731	320.914
18)	B Endrin al...	8.567	9.199	425.4E6	1624.0E6	1345.054	1324.324m
19)	B Endosulfa...	8.799	9.438	472.4E6	1748.7E6	1118.305	1109.554
20)	A Methoxychlor	9.092	9.784	412.3E6	1527.7E6	1607.351	1695.452
21)	B Endrin ke...	9.317	9.926	430.2E6	1423.9E6	879.375	862.668

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 14:58
 Operator : AR\AJ
 Sample : N1870-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

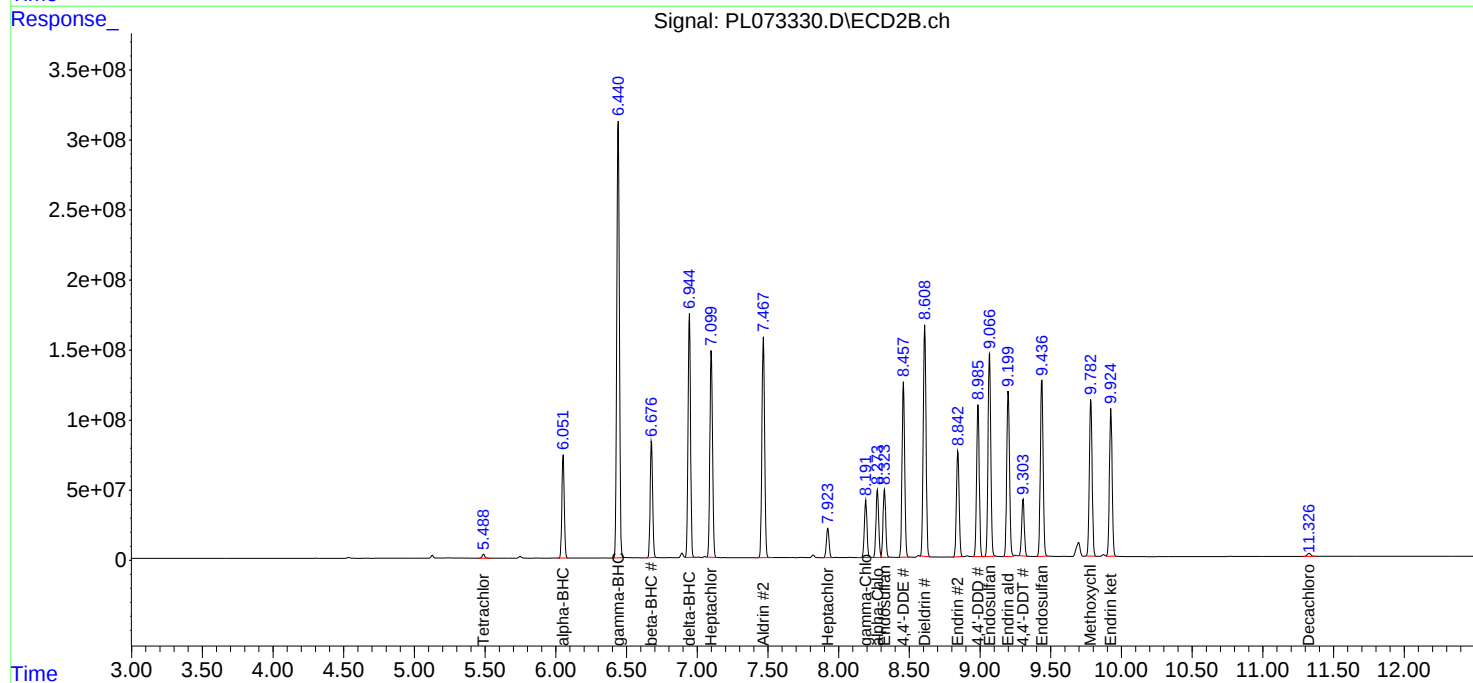
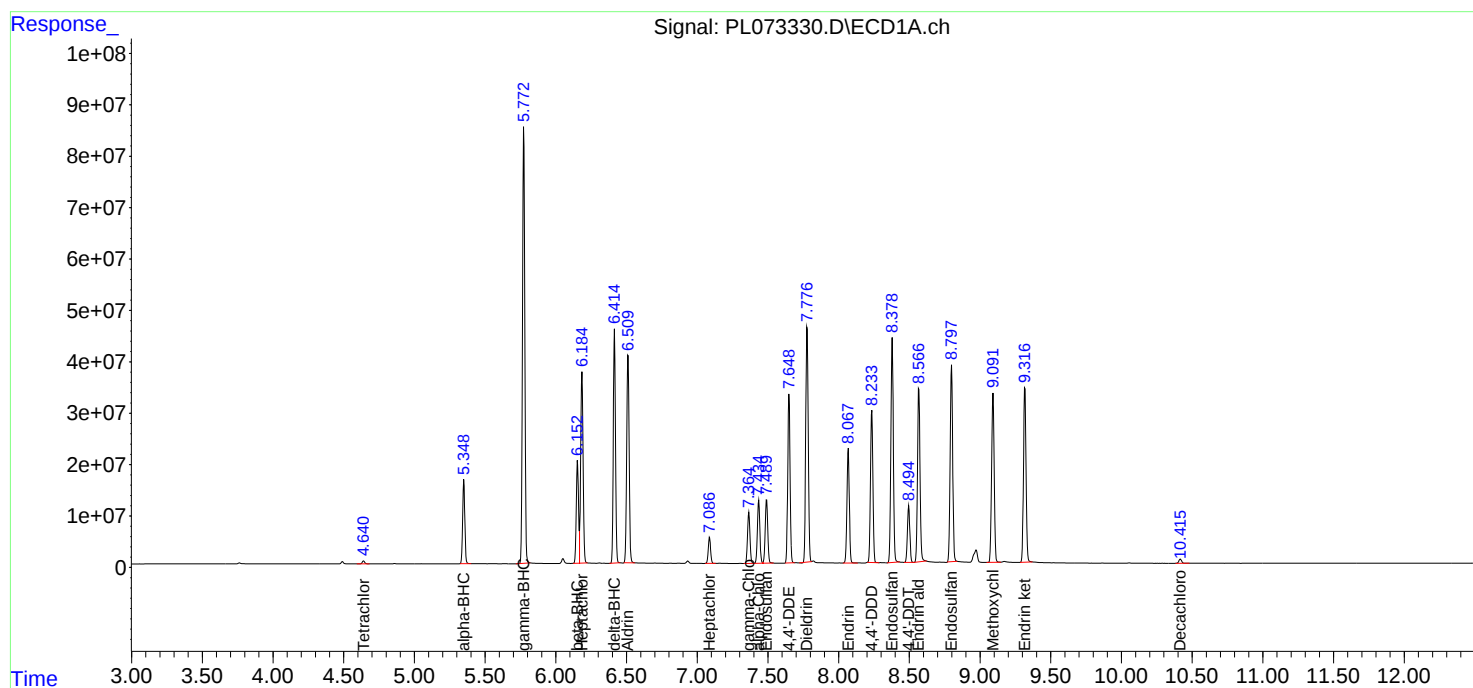
Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WP

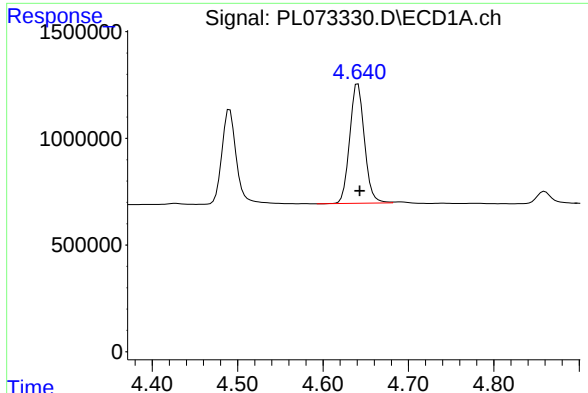
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:00:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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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





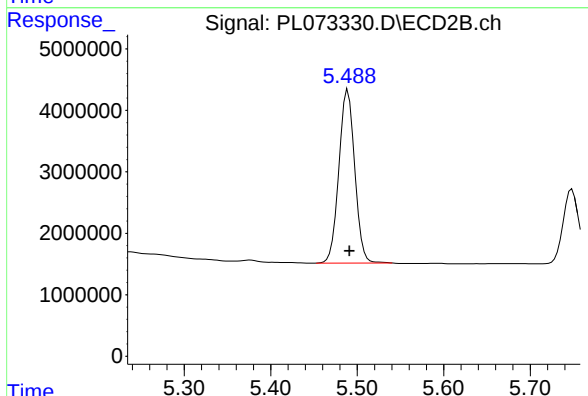
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6692815
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

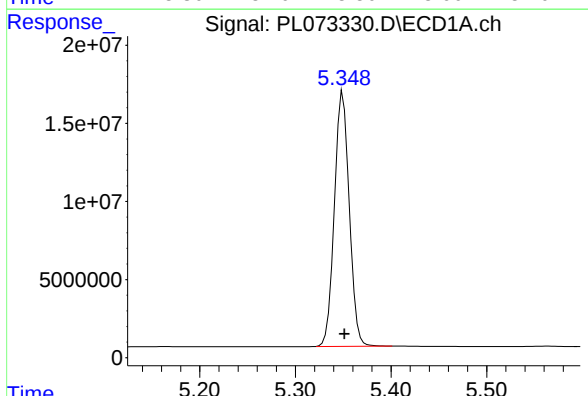
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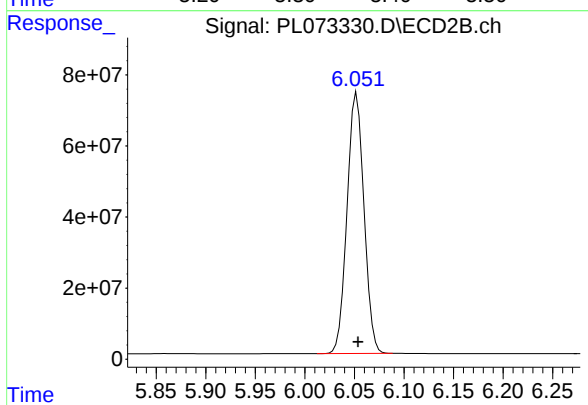
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35711163
Conc: 21.76 ng/ml



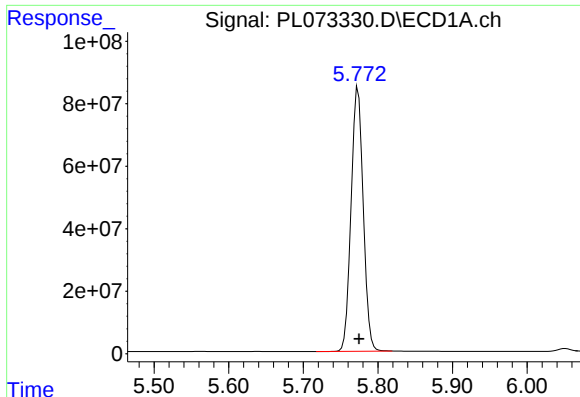
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 175878530
Conc: 426.68 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 874276106
Conc: 388.63 ng/ml



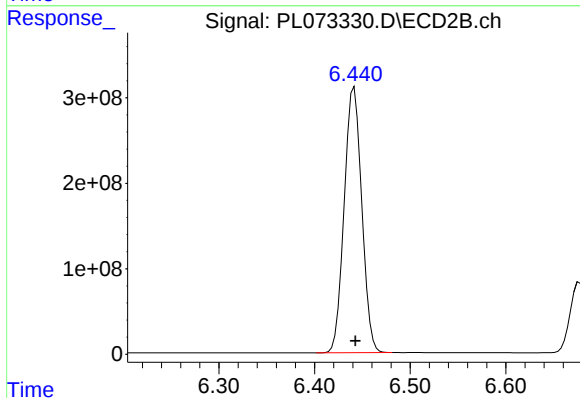
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 954332901
Conc: 2287.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

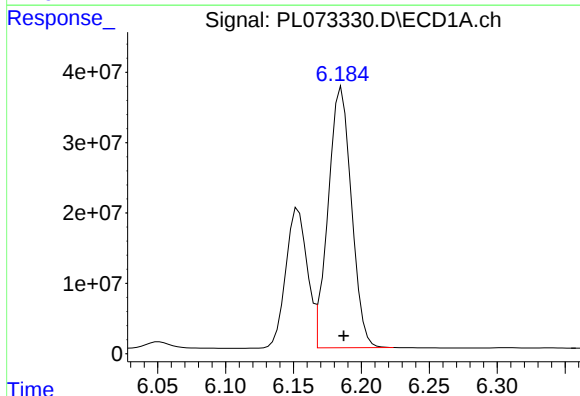
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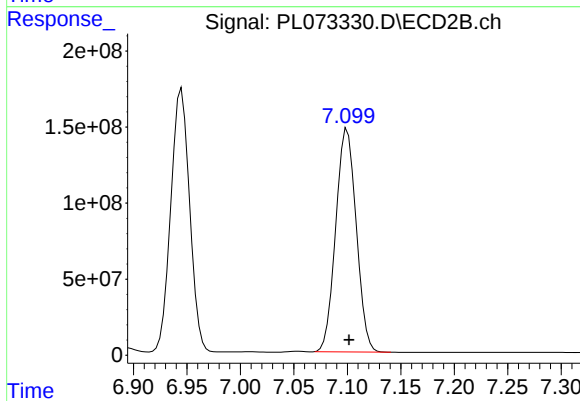
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.001 min
Response: 3985636840
Conc: 1866.74 ng/ml



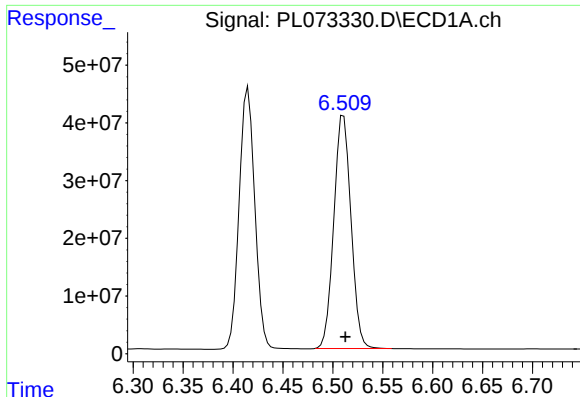
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 441797340
Conc: 979.16 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 1961172262
Conc: 837.00 ng/ml



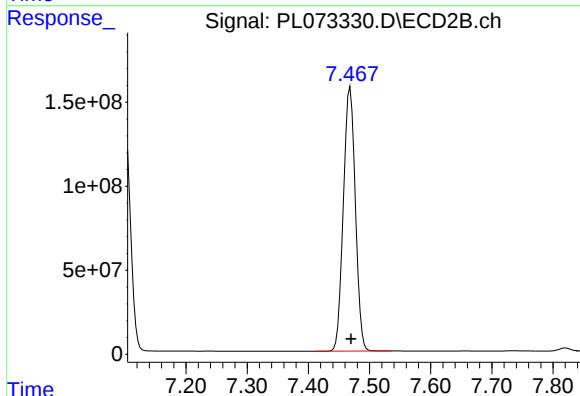
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 484306888
Conc: 1172.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

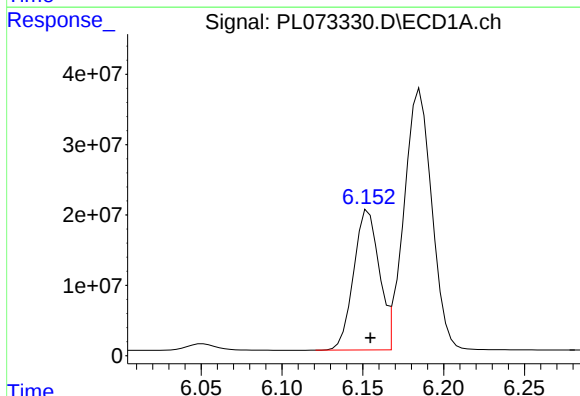
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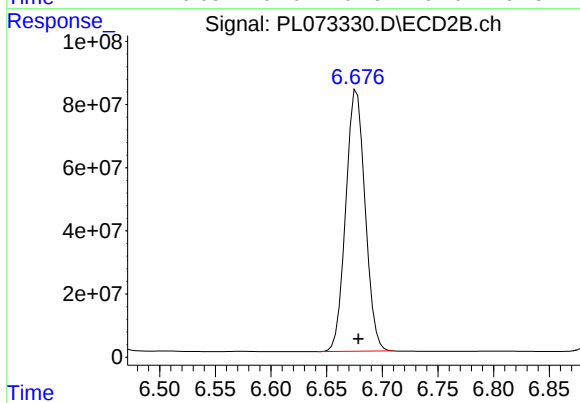
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 2140893021
Conc: 1021.92 ng/ml



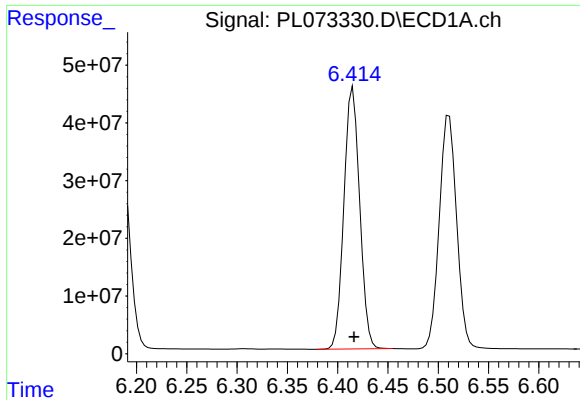
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 217455987
Conc: 1056.15 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 1002729202
Conc: 961.97 ng/ml



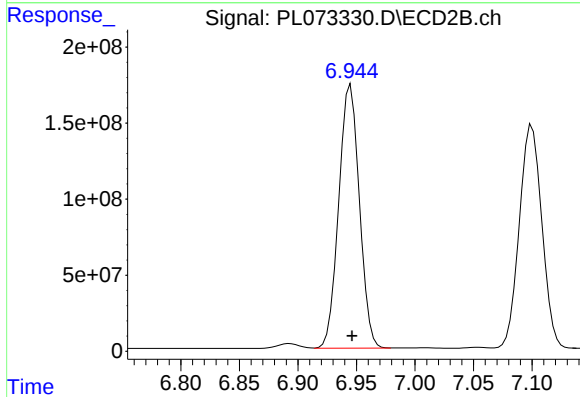
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 493623585
Conc: 1229.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

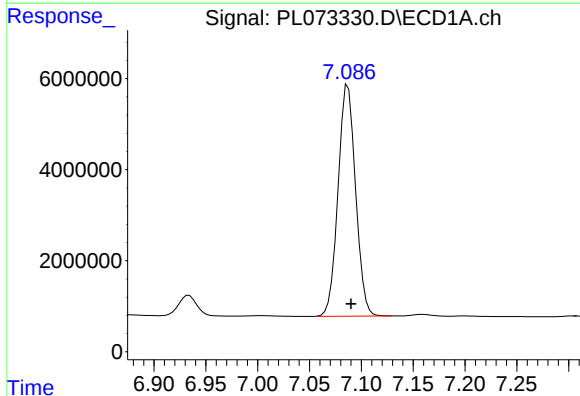
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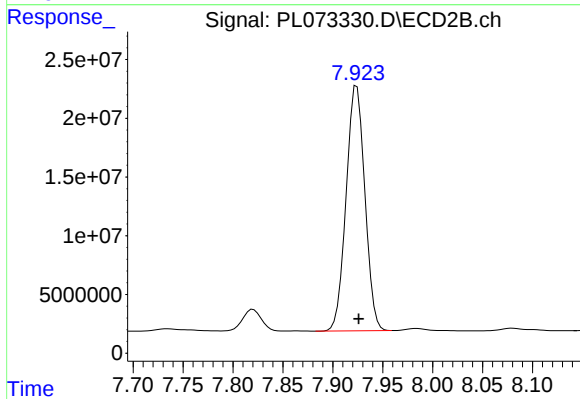
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2125377239
Conc: 986.91 ng/ml m



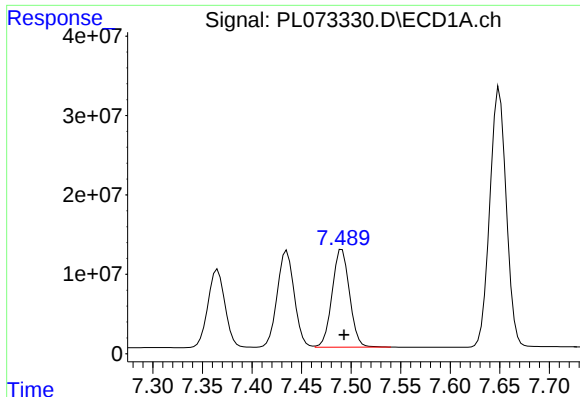
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 59823551
Conc: 138.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 272952963
Conc: 136.66 ng/ml



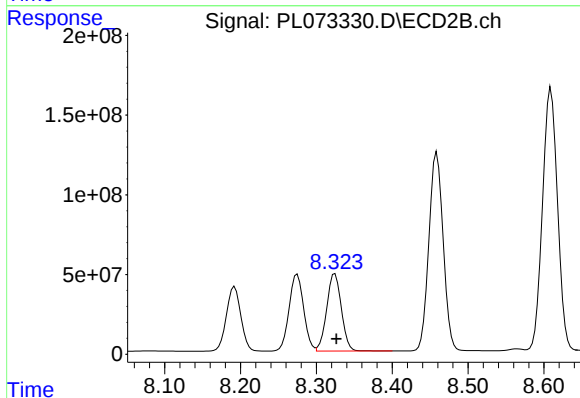
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 150864392
Conc: 367.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

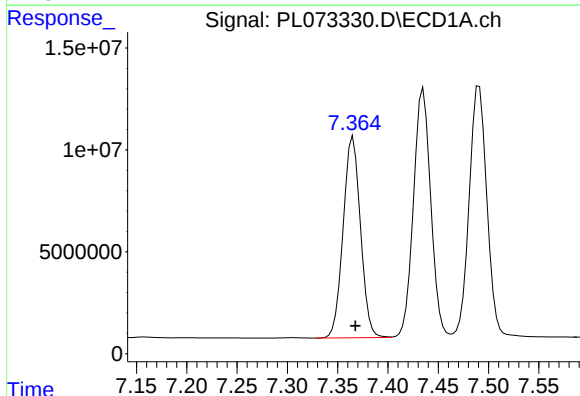
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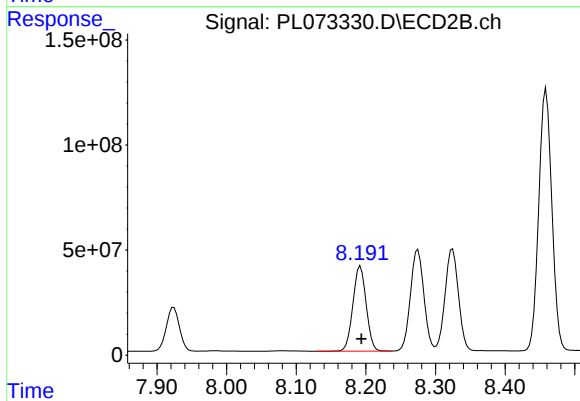
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 650404961
Conc: 356.31 ng/ml



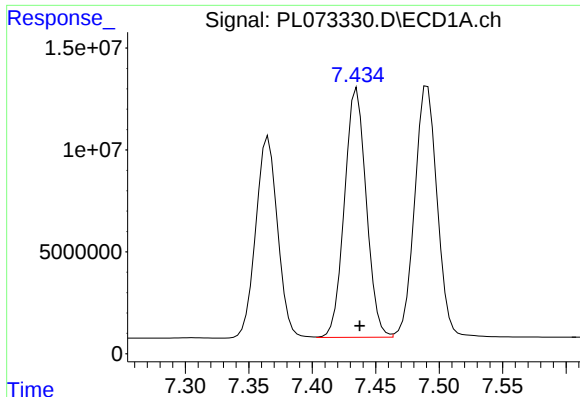
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 117990607
Conc: 269.81 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.002 min
Response: 534124812
Conc: 261.52 ng/ml



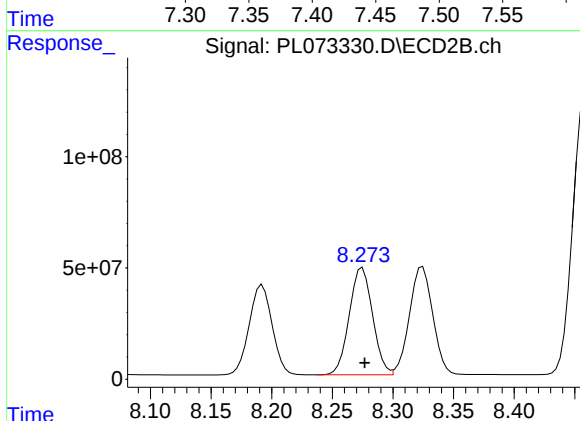
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 145737844
Conc: 329.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

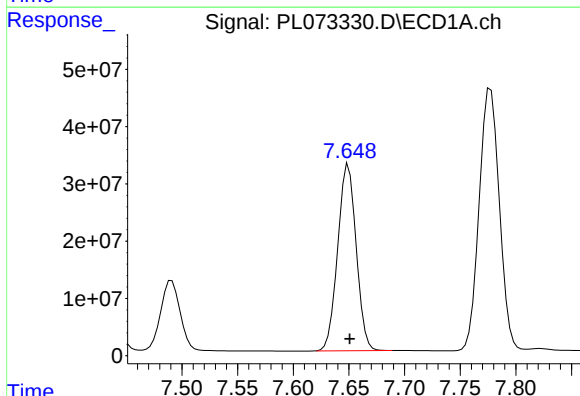
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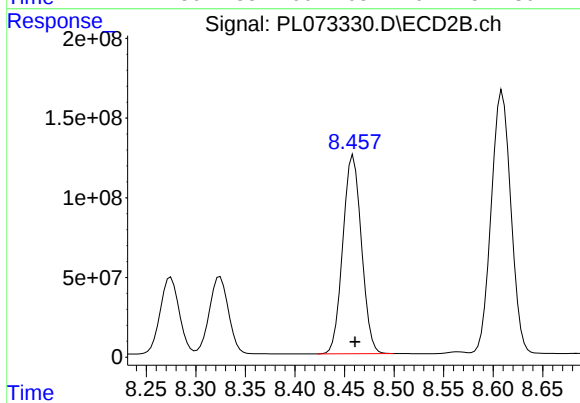
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 643664591
Conc: 321.83 ng/ml



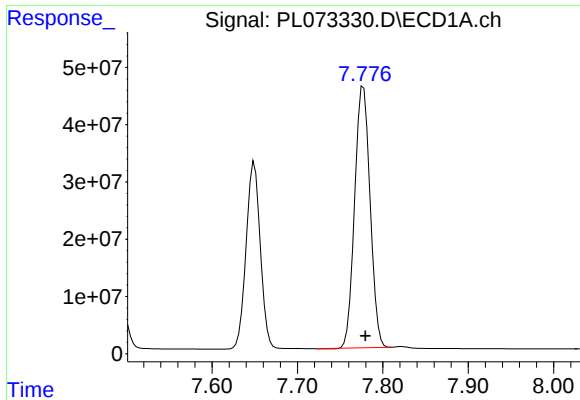
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 376424741
Conc: 1049.01 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 1627705842
Conc: 908.13 ng/ml



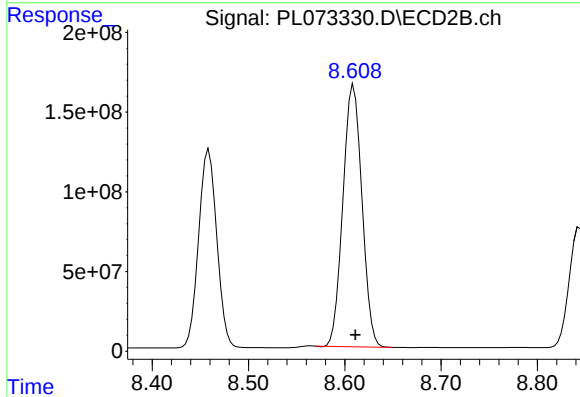
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 572942954
Conc: 1375.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

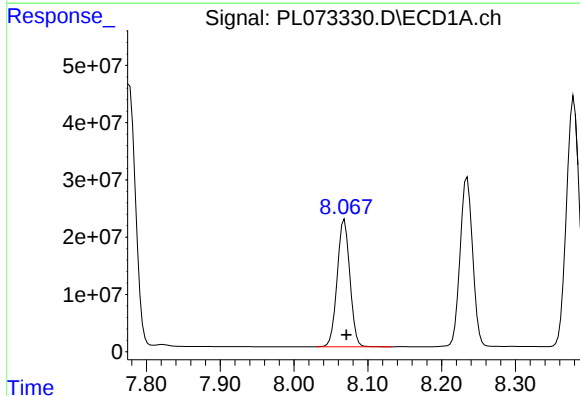
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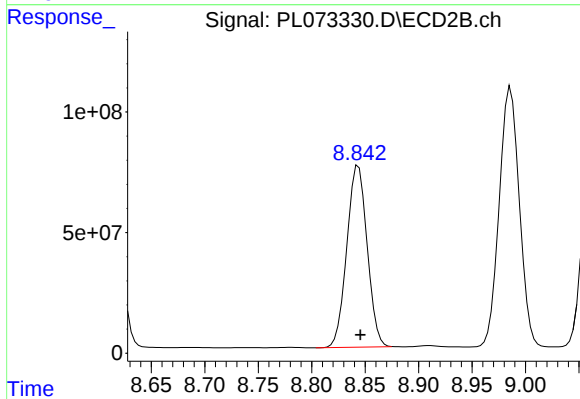
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 2246611820
Conc: 1217.85 ng/ml



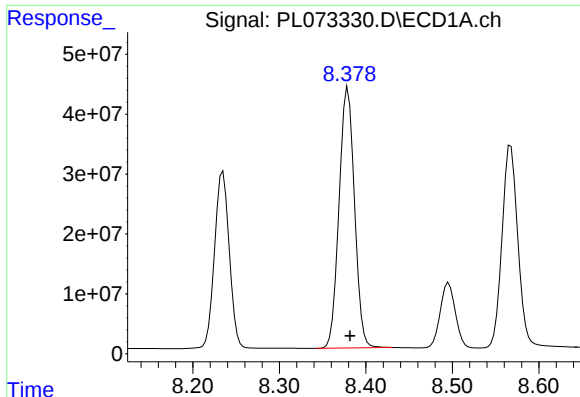
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 266078904
Conc: 685.76 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.002 min
Response: 998105923
Conc: 648.37 ng/ml



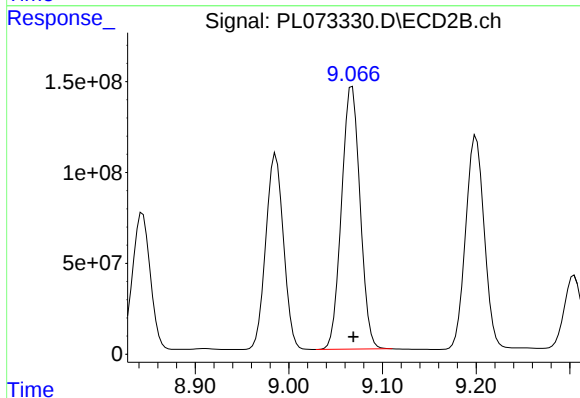
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 536161372
Conc: 1371.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

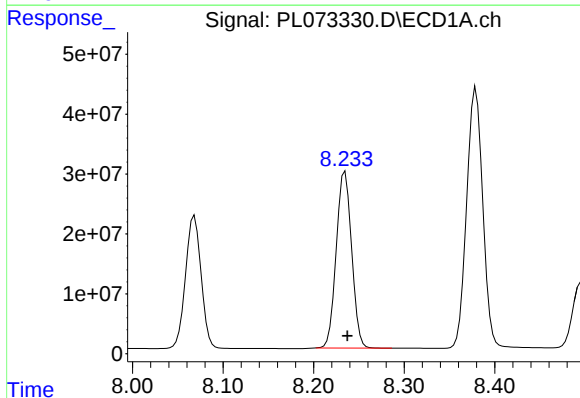
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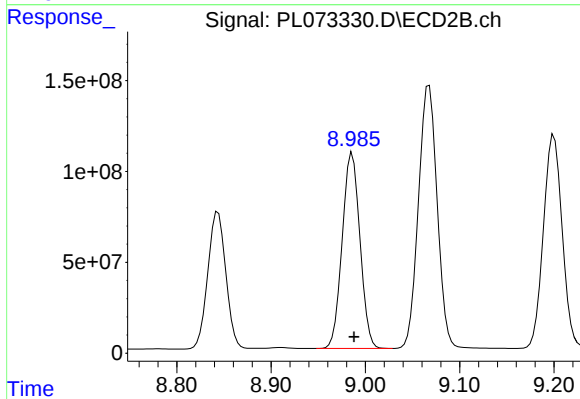
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.001 min
Response: 1990631398
Conc: 1296.12 ng/ml



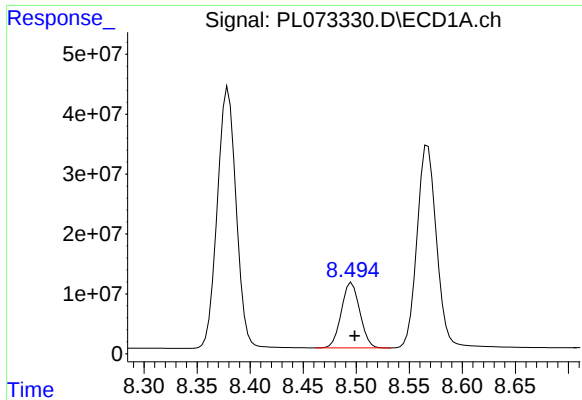
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 347662194
Conc: 1070.59 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 1411636411
Conc: 967.07 ng/ml



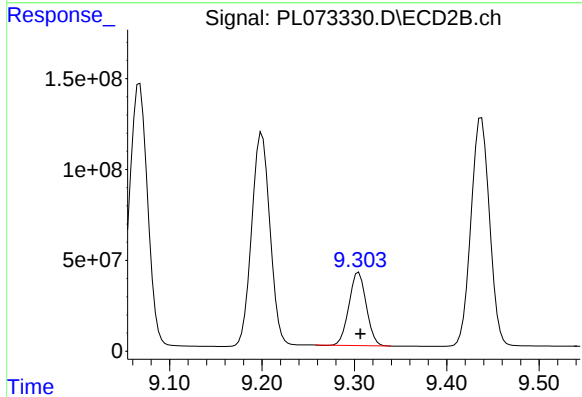
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 131884171
Conc: 348.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

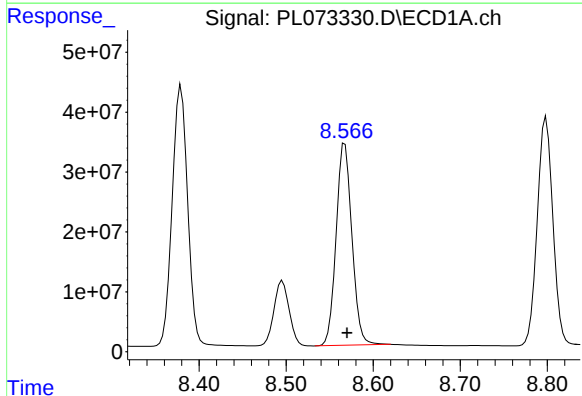
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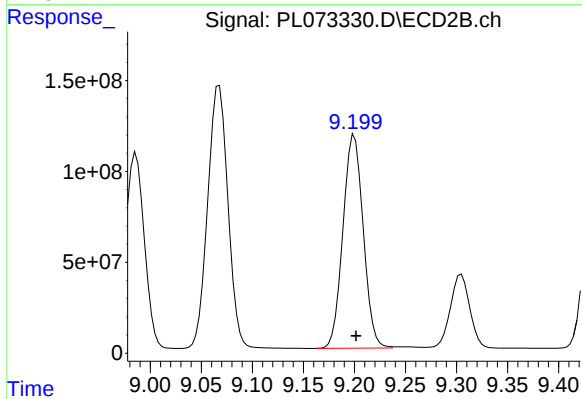
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.002 min
Response: 524543540
Conc: 320.91 ng/ml



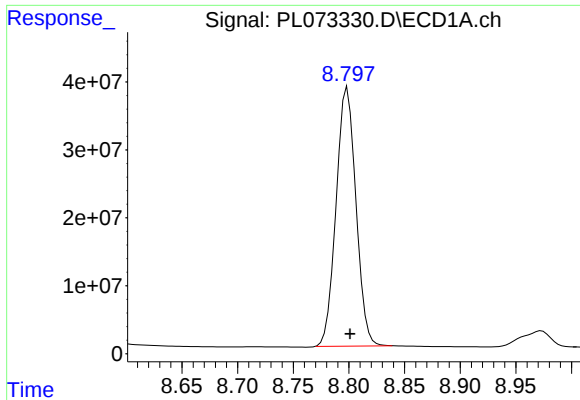
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.002 min
Response: 425370688
Conc: 1345.05 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: -0.003 min
Response: 1624033677
Conc: 1324.32 ng/ml m



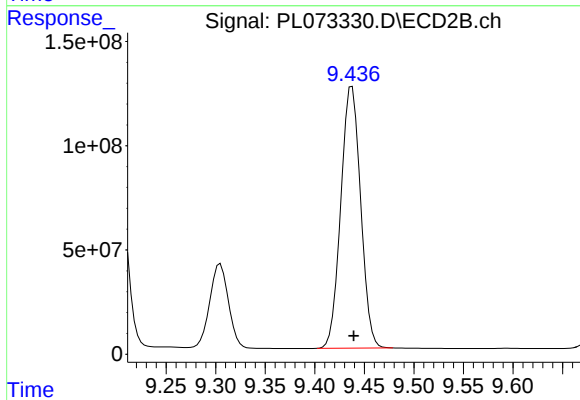
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 472397201
Conc: 1118.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

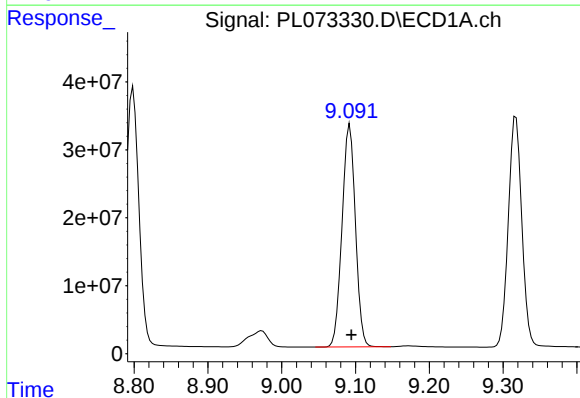
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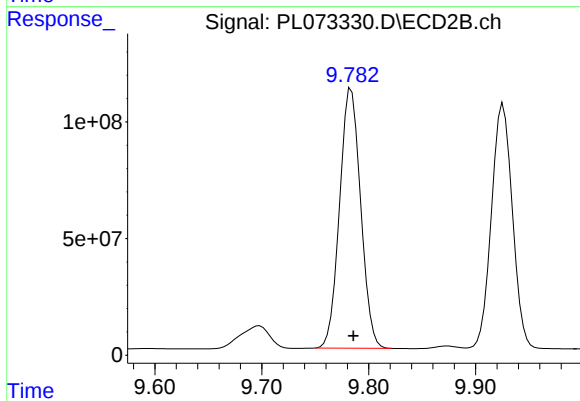
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.002 min
Response: 1748734522
Conc: 1109.55 ng/ml



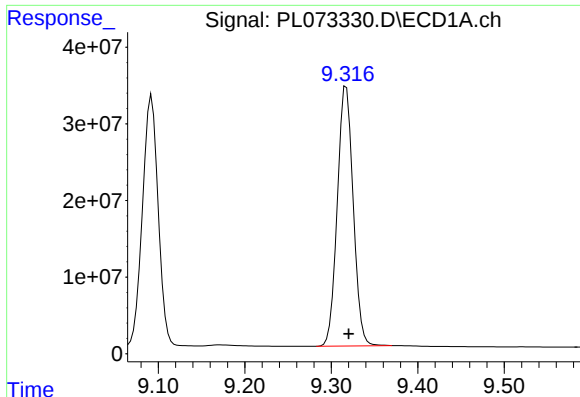
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 412341010
Conc: 1607.35 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.002 min
Response: 1527728223
Conc: 1695.45 ng/ml



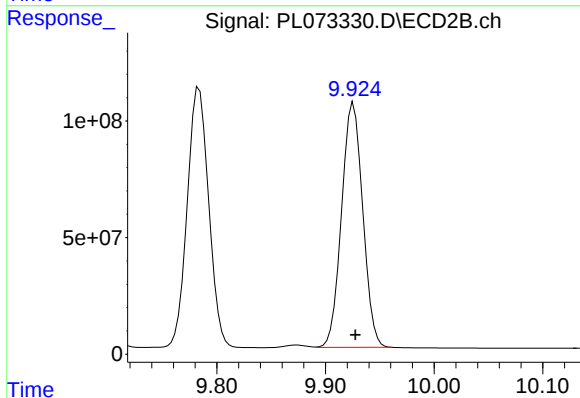
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 430211648
Conc: 879.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

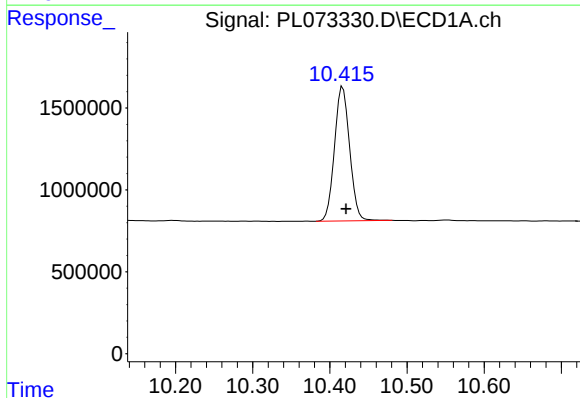
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/15/2022
Supervised By :Ankita Jodhani 03/15/2022



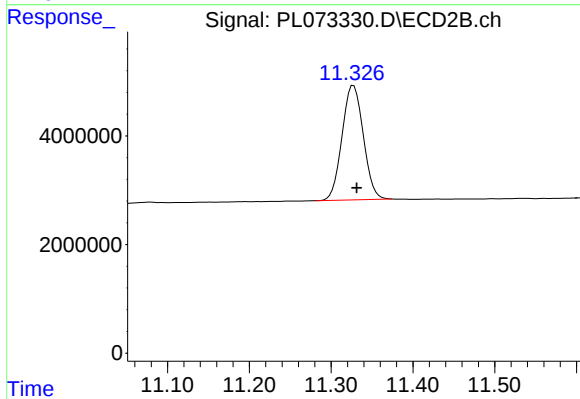
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 1423913172
Conc: 862.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 11212301
Conc: 22.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.327 min
Delta R.T.: -0.004 min
Response: 37948910
Conc: 21.22 ng/ml