

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 09:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/22/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:18:36 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	5.489	15045447	84182575	46.975	51.292
28)	SA Decachlor...	10.423	11.333	23223499	79046190	45.671	44.205
Target Compounds							
2)	A alpha-BHC	5.359	6.052	19608667	119.7E6	47.570	53.204
3)	MA gamma-BHC...	5.781	6.441	19657699	111.3E6	47.125	52.142
4)	MA Heptachlor	6.193	7.101	20672650	117.3E6	45.817	50.047
5)	MB Aldrin	6.518	7.470	19330564	109.3E6	46.786	52.191
6)	B beta-BHC	6.161	6.678	10050275	49841474	48.812	47.815
7)	B delta-BHC	6.423	6.945	19232556	108.9E6	47.884	50.589
8)	B Heptachlo...	7.095	7.926	19767672	100.9E6	45.867	50.541
9)	A Endosulfan I	7.498	8.327	18951660	91167861	46.199	49.944
10)	B gamma-Chl...	7.372	8.194	20142972	102.7E6	46.062	50.277
11)	B alpha-Chl...	7.442	8.277	20307648	100.3E6	45.952	50.130
12)	B 4,4'-DDE	7.656	8.461	16809069	91335662	46.843	50.958
13)	MA Dieldrin	7.784	8.611	19492800	92743626	46.788	50.275
14)	MA Endrin	8.075	8.846	17587810	72614396	45.329	47.170
15)	B Endosulfa...	8.385	9.070	18087137	74235211	46.273	48.335
16)	A 4,4'-DDD	8.241	8.989	15401321	72380369	47.427	49.585
17)	MA 4,4'-DDT	8.502	9.307	16317134	75588673	43.146	46.245
18)	B Endrin al...	8.574	9.202	14224836	57559529	44.980	46.937m
19)	B Endosulfa...	8.805	9.440	19398364	75393438	45.922	47.836
20)	A Methoxychlor	9.097	9.787	10488556	38589794	40.886	42.826
21)	B Endrin ke...	9.324	9.929	23618117	80484829	48.277	48.761
22)	Mirex	9.512	10.405	21090022	64337144	44.724	47.360

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073515.D
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 Acq On : 21 Mar 2022 09:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

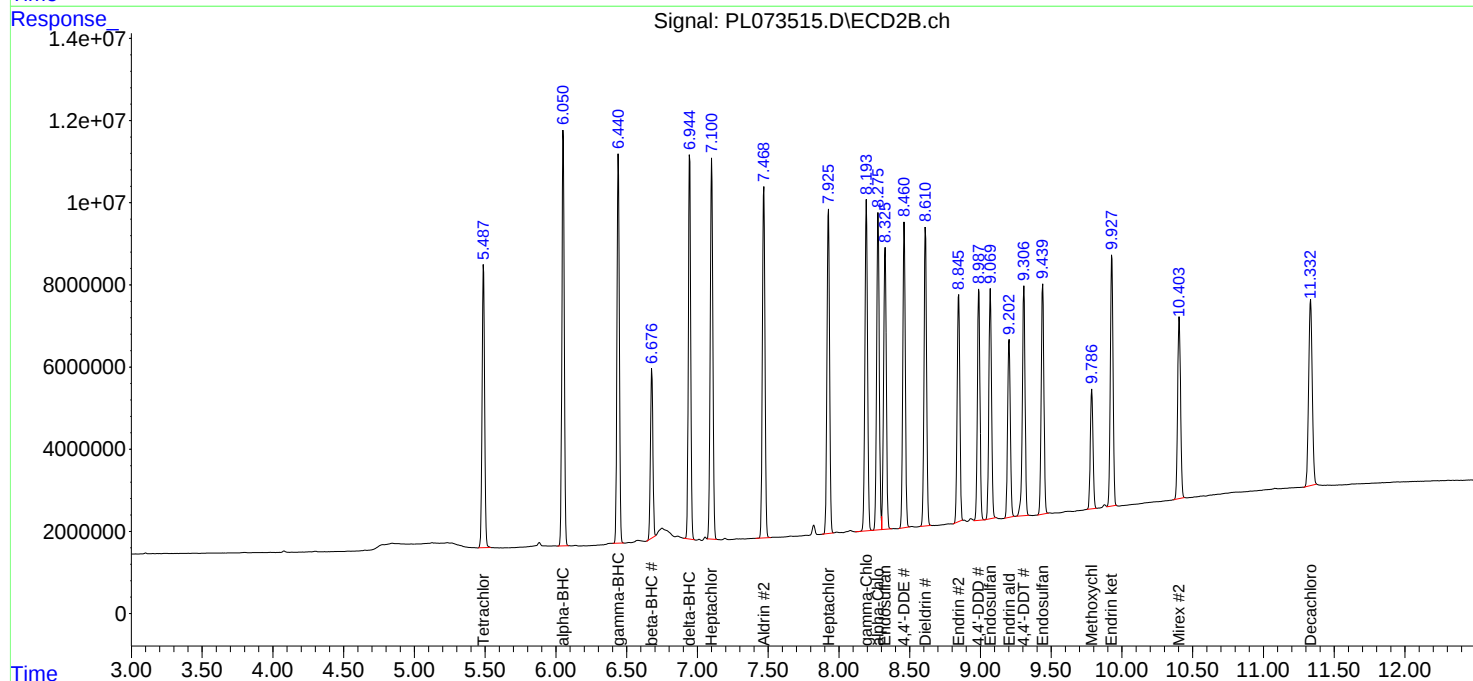
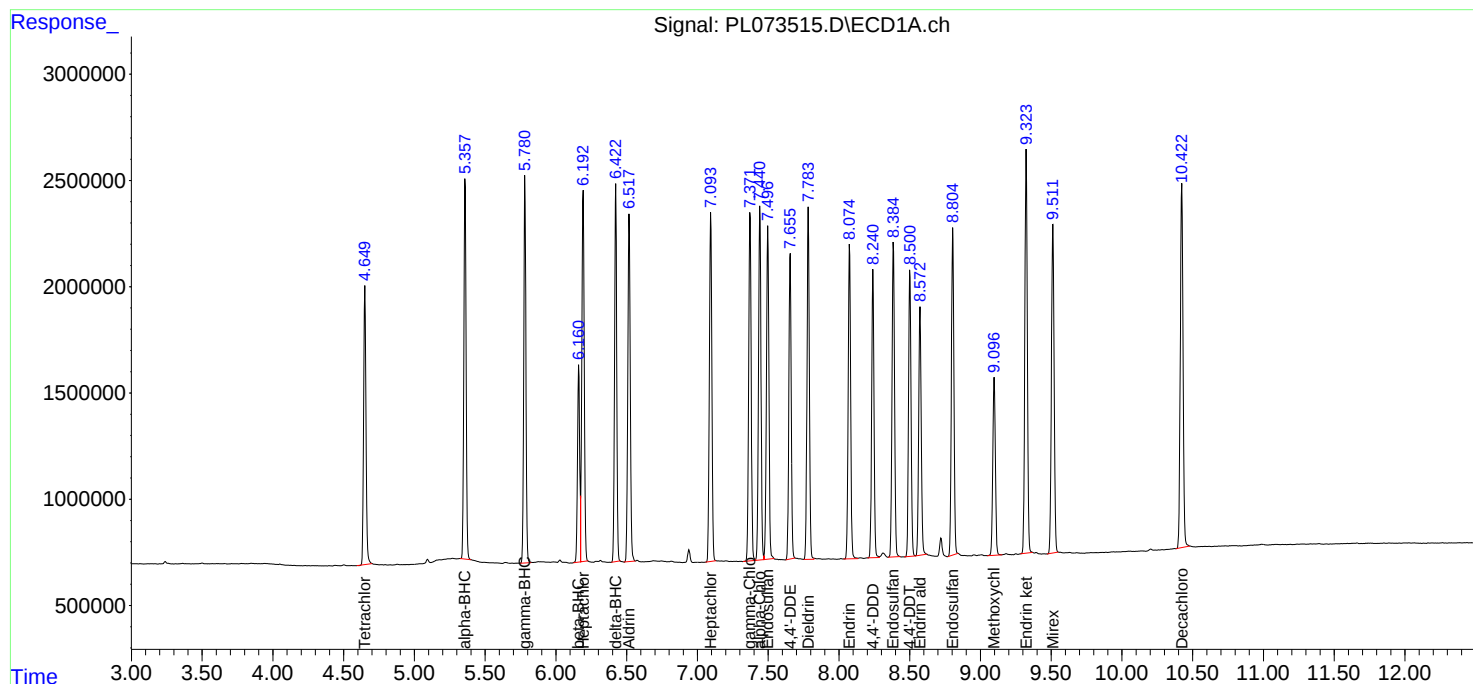
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

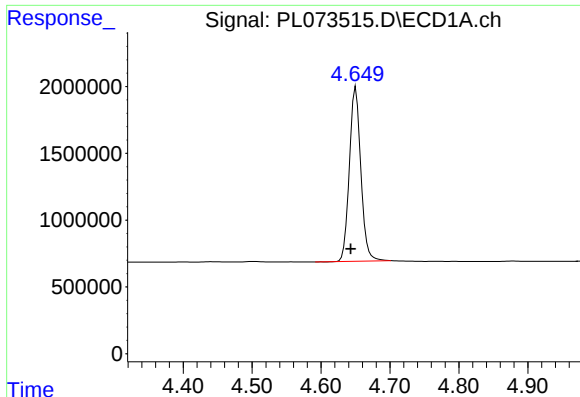
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:18:36 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





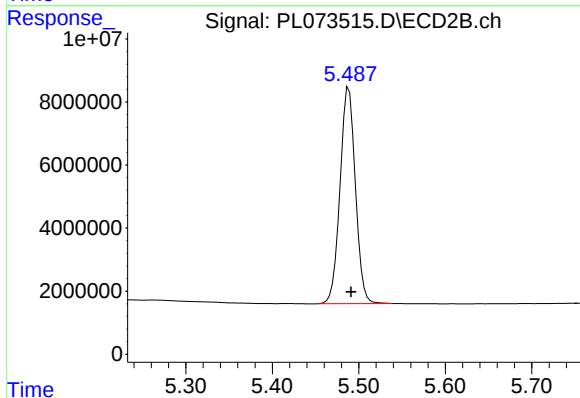
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: 0.007 min
Response: 15045447
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

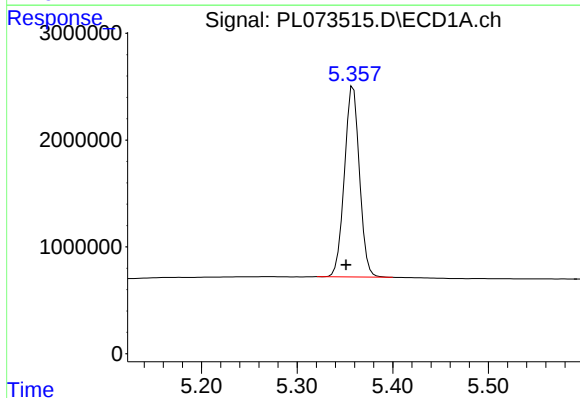
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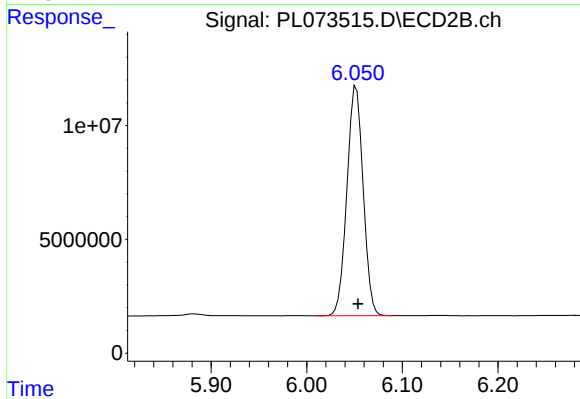
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 84182575
Conc: 51.29 ng/ml



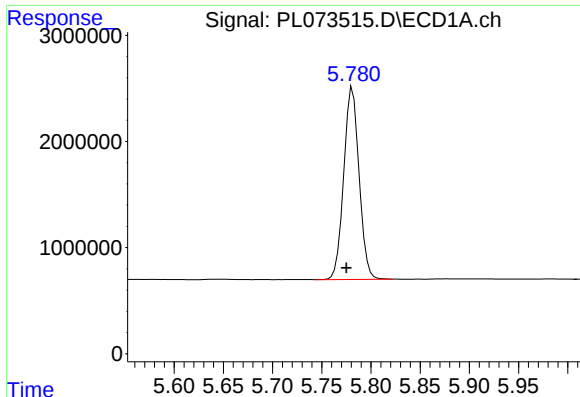
#2 alpha-BHC

R.T.: 5.359 min
Delta R.T.: 0.007 min
Response: 19608667
Conc: 47.57 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 119691108
Conc: 53.20 ng/ml



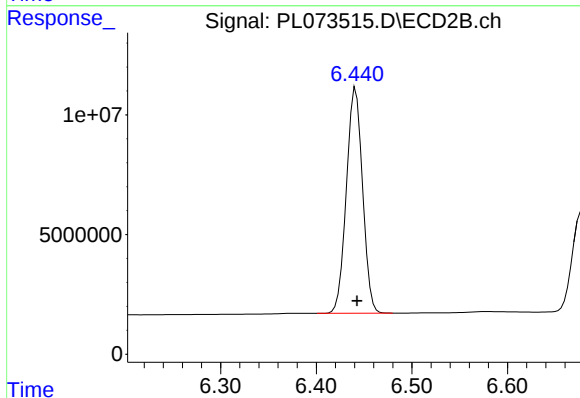
#3 gamma-BHC (Lindane)

R.T.: 5.781 min
Delta R.T.: 0.006 min
Response: 19657699
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

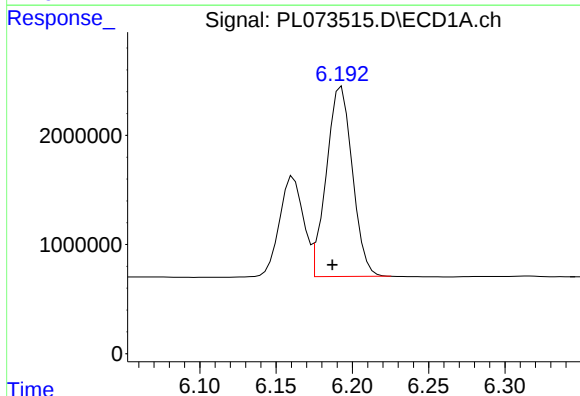
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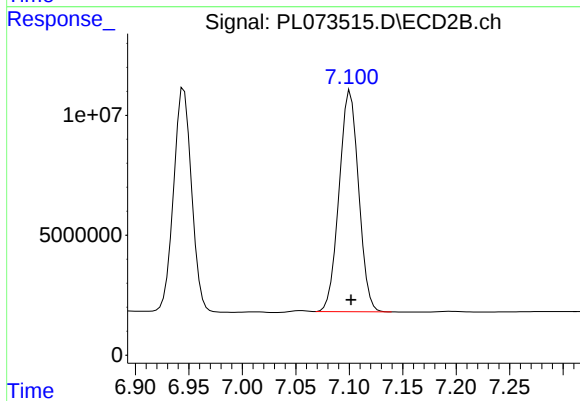
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.001 min
Response: 111326478
Conc: 52.14 ng/ml



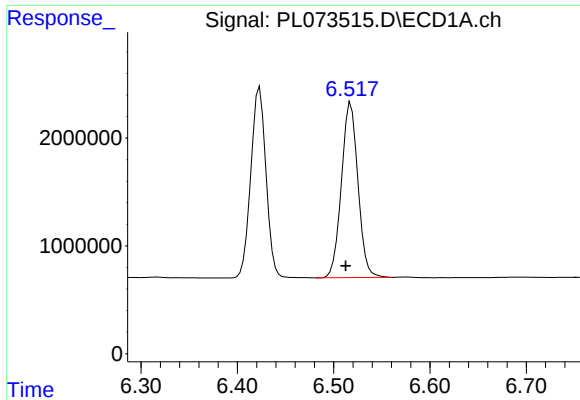
#4 Heptachlor

R.T.: 6.193 min
Delta R.T.: 0.006 min
Response: 20672650
Conc: 45.82 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 117265625
Conc: 50.05 ng/ml



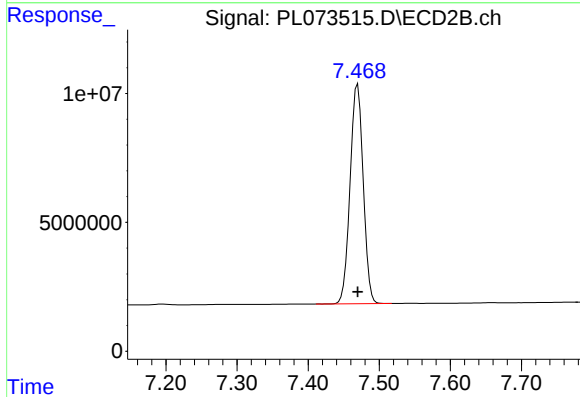
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: 0.005 min
Response: 19330564
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

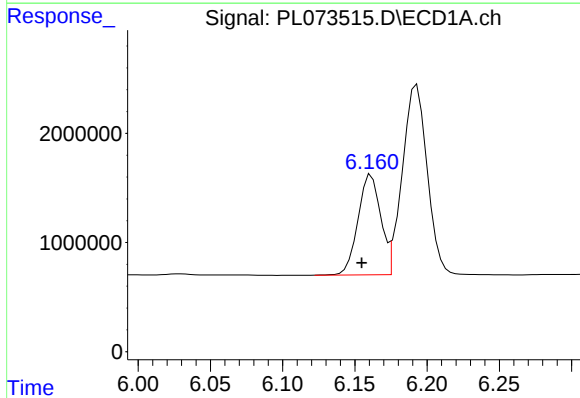
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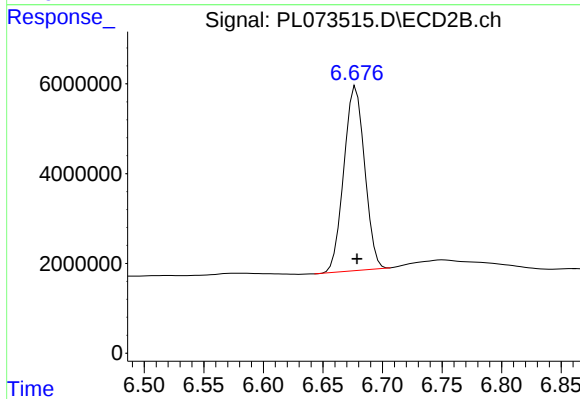
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 109338432
Conc: 52.19 ng/ml



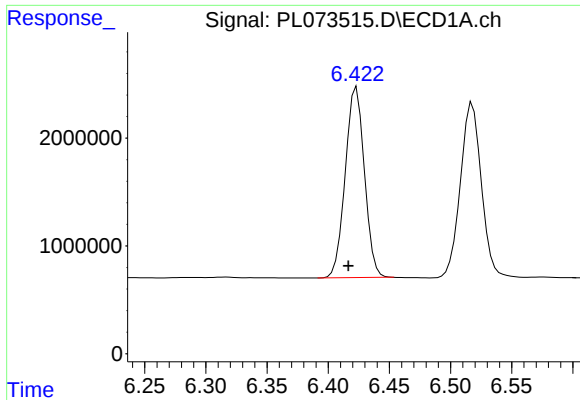
#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.007 min
Response: 10050275
Conc: 48.81 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 49841474
Conc: 47.82 ng/ml



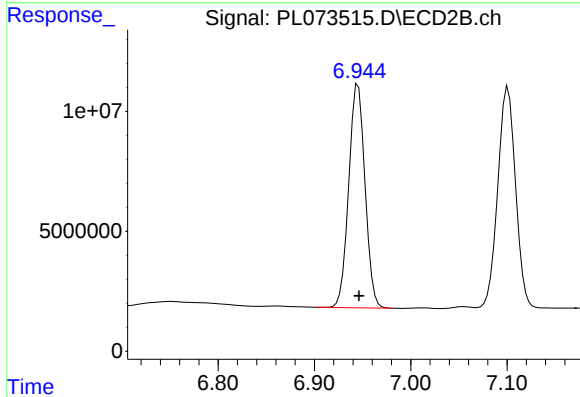
#7 delta-BHC

R.T.: 6.423 min
Delta R.T.: 0.007 min
Response: 19232556
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

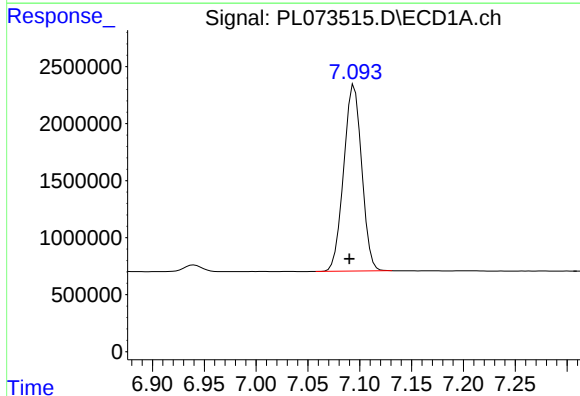
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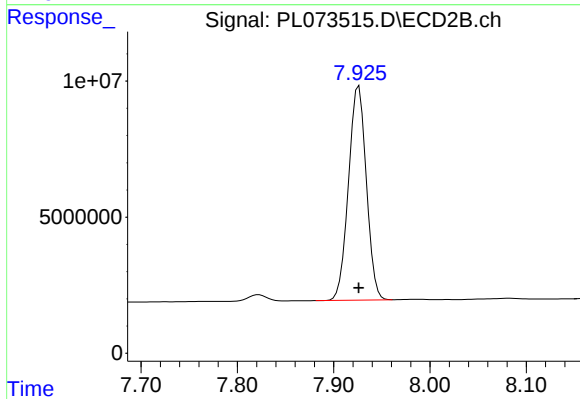
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 108946892
Conc: 50.59 ng/ml



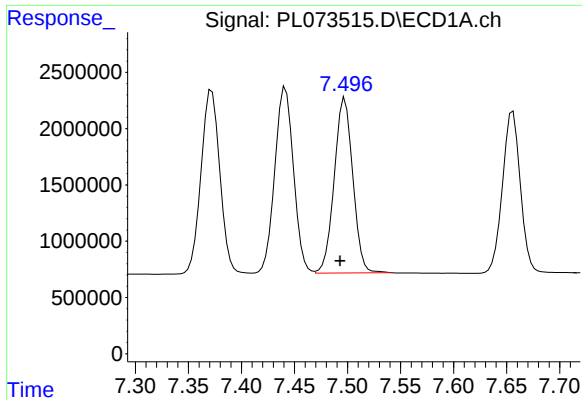
#8 Heptachlor epoxide

R.T.: 7.095 min
Delta R.T.: 0.004 min
Response: 19767672
Conc: 45.87 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 100945702
Conc: 50.54 ng/ml



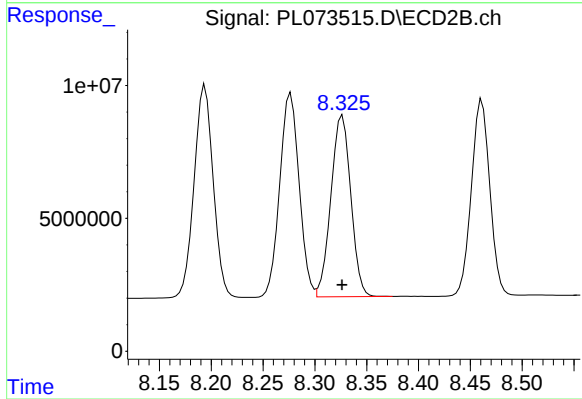
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 18951660
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

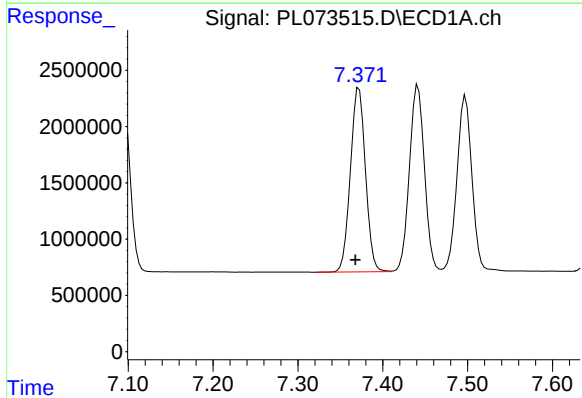
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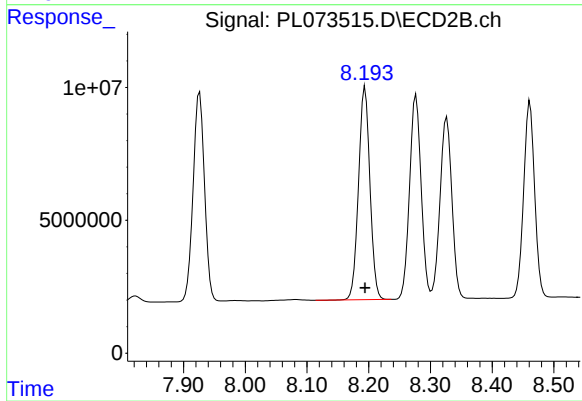
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 91167861
Conc: 49.94 ng/ml



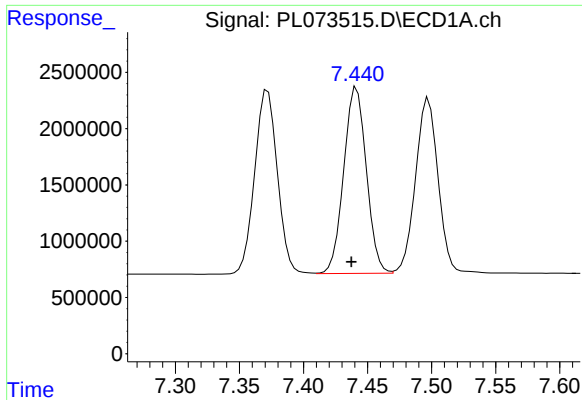
#10 gamma-Chlordane

R.T.: 7.372 min
Delta R.T.: 0.004 min
Response: 20142972
Conc: 46.06 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 102686660
Conc: 50.28 ng/ml



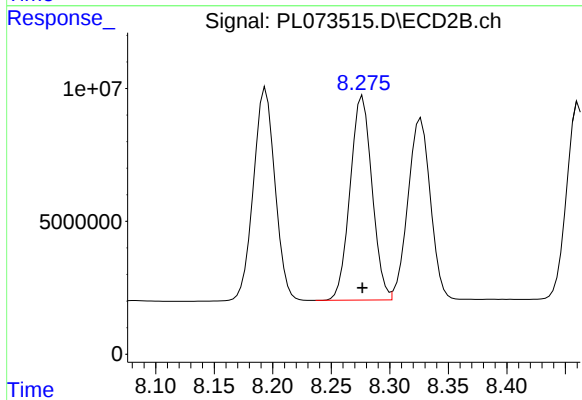
#11 alpha-Chlordane

R.T.: 7.442 min
Delta R.T.: 0.004 min
Response: 20307648
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

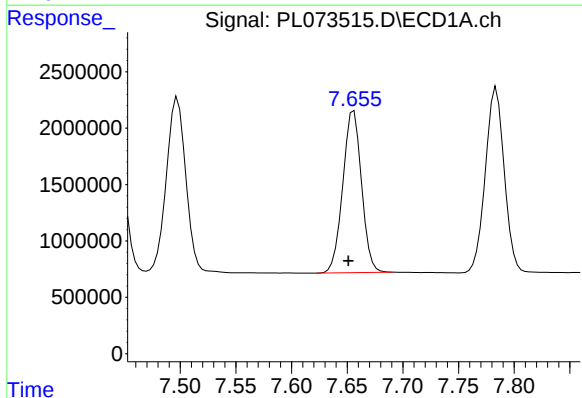
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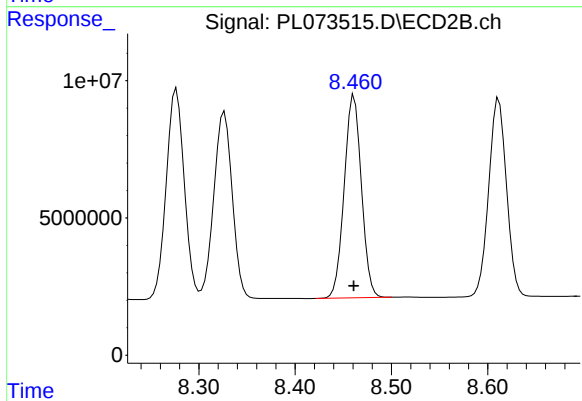
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 100260972
Conc: 50.13 ng/ml



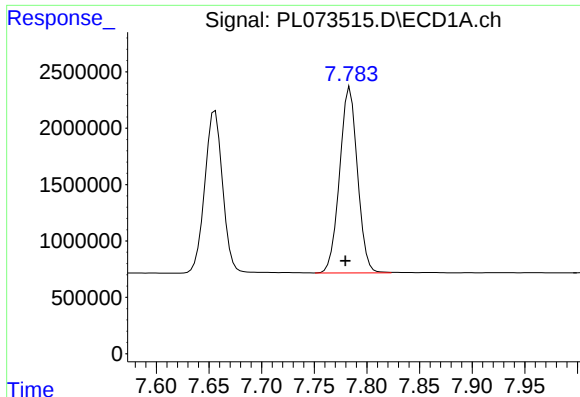
#12 4,4'-DDE

R.T.: 7.656 min
Delta R.T.: 0.005 min
Response: 16809069
Conc: 46.84 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 91335662
Conc: 50.96 ng/ml



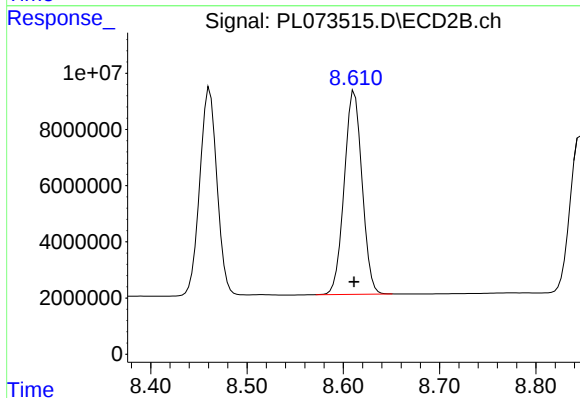
#13 Dieldrin

R.T.: 7.784 min
Delta R.T.: 0.004 min
Response: 19492800
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

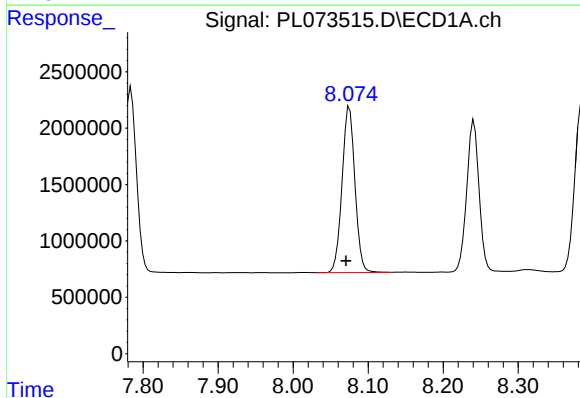
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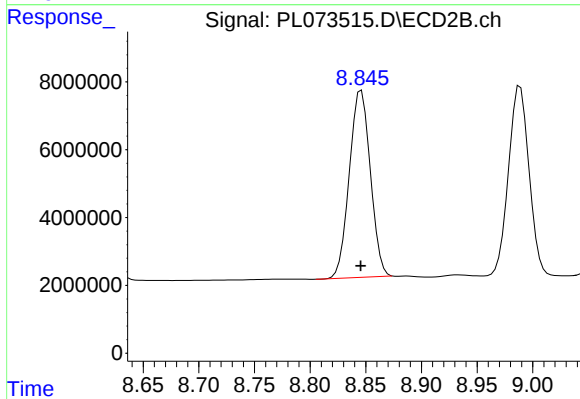
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 92743626
Conc: 50.27 ng/ml



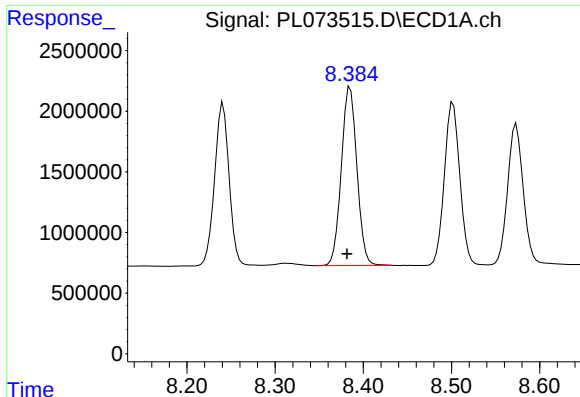
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.004 min
Response: 17587810
Conc: 45.33 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 72614396
Conc: 47.17 ng/ml



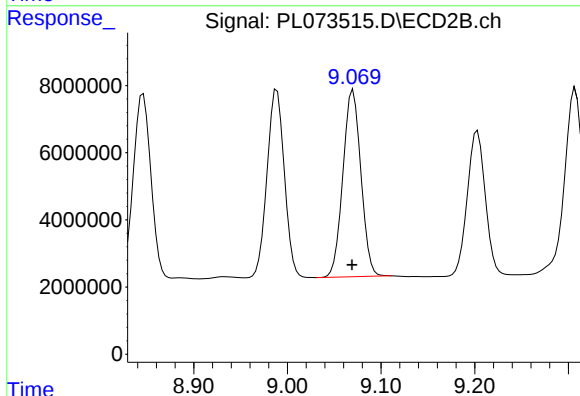
#15 Endosulfan II

R.T.: 8.385 min
Delta R.T.: 0.004 min
Response: 18087137
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

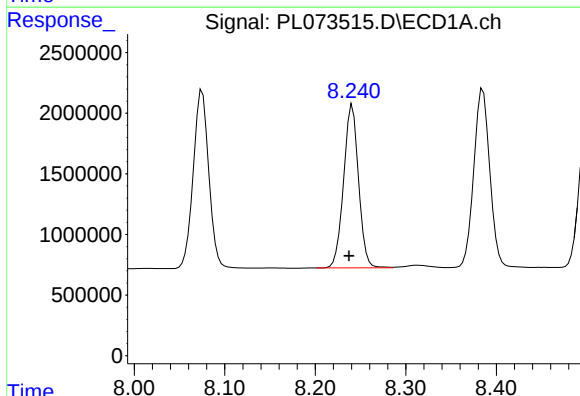
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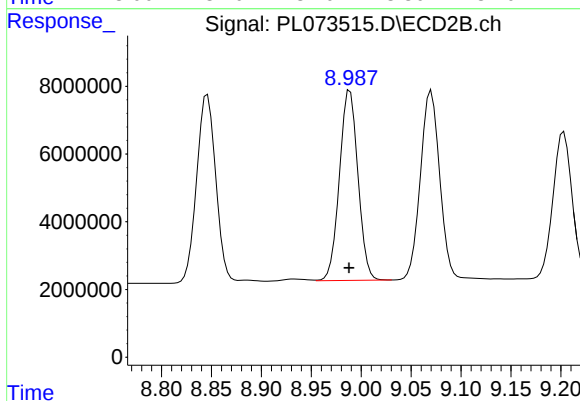
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 74235211
Conc: 48.34 ng/ml



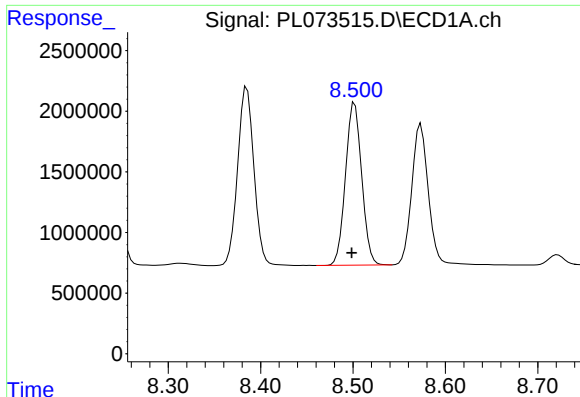
#16 4,4'-DDD

R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 15401321
Conc: 47.43 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 72380369
Conc: 49.59 ng/ml



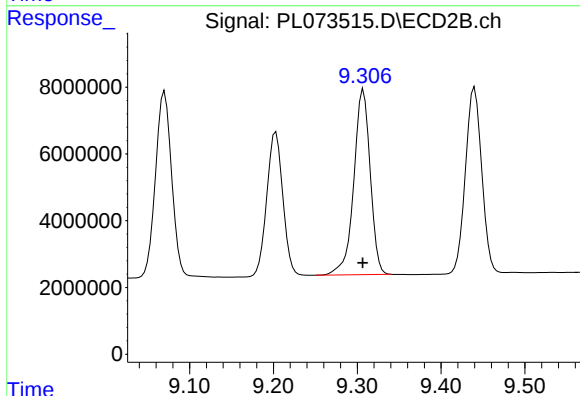
#17 4,4'-DDT

R.T.: 8.502 min
Delta R.T.: 0.003 min
Response: 16317134
Conc: 43.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

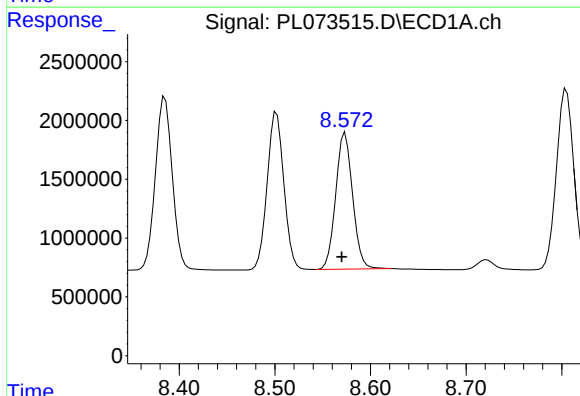
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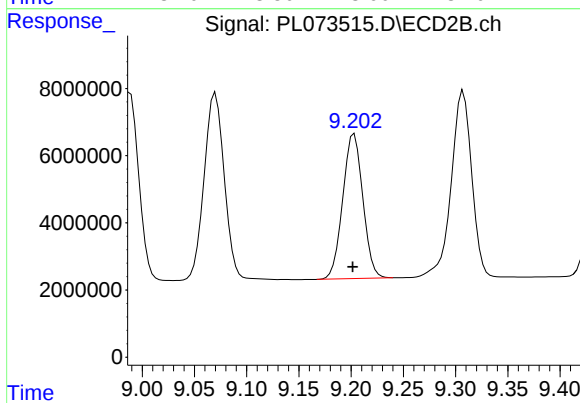
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 75588673
Conc: 46.24 ng/ml



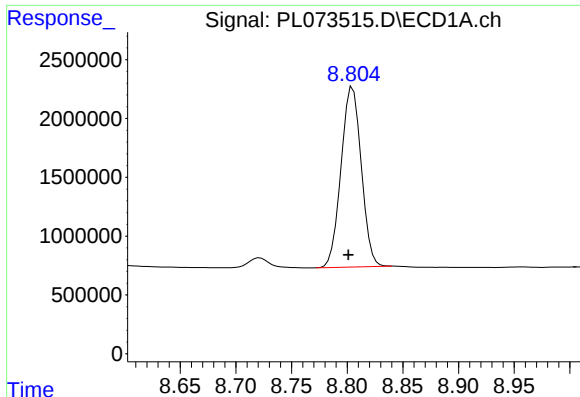
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.004 min
Response: 14224836
Conc: 44.98 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 57559529
Conc: 46.94 ng/ml m



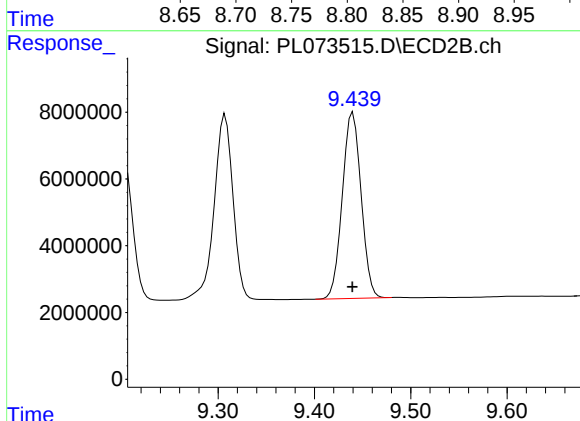
#19 Endosulfan Sulfate

R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 19398364
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

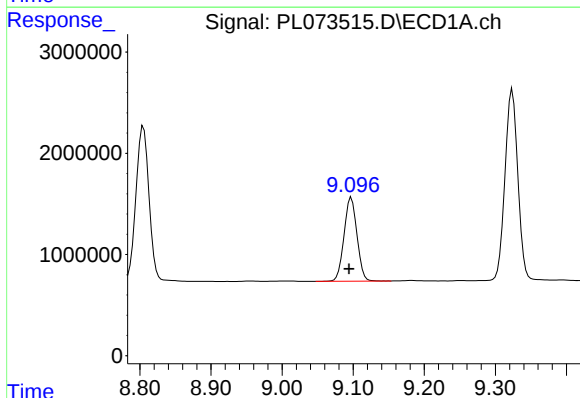
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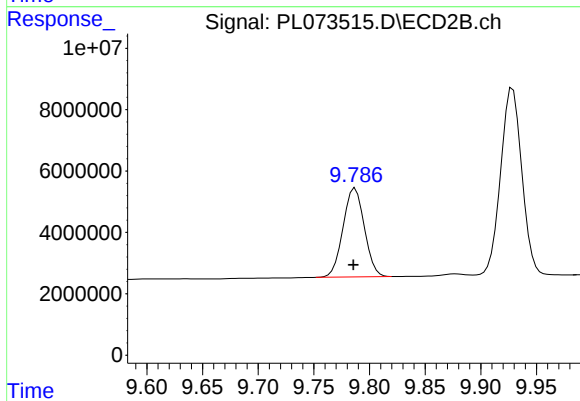
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 75393438
Conc: 47.84 ng/ml



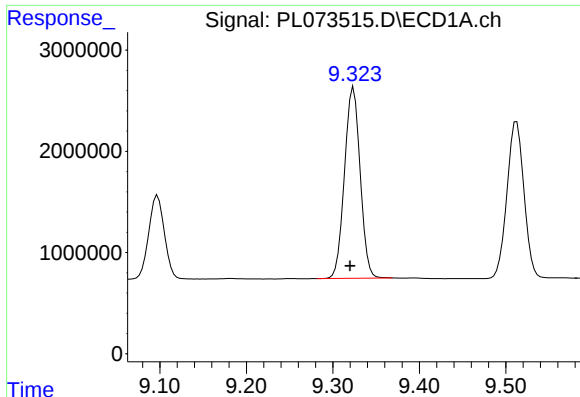
#20 Methoxychlor

R.T.: 9.097 min
Delta R.T.: 0.003 min
Response: 10488556
Conc: 40.89 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 38589794
Conc: 42.83 ng/ml



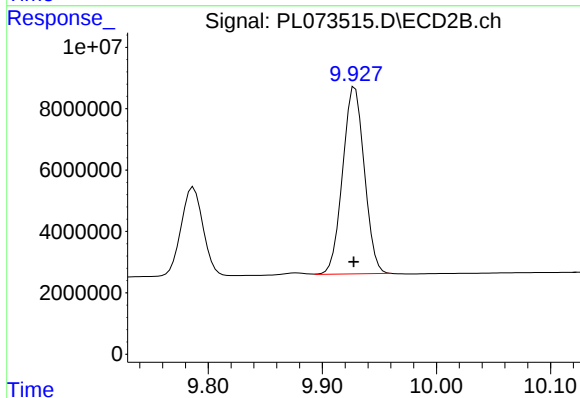
#21 Endrin ketone

R.T.: 9.324 min
Delta R.T.: 0.004 min
Response: 23618117
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

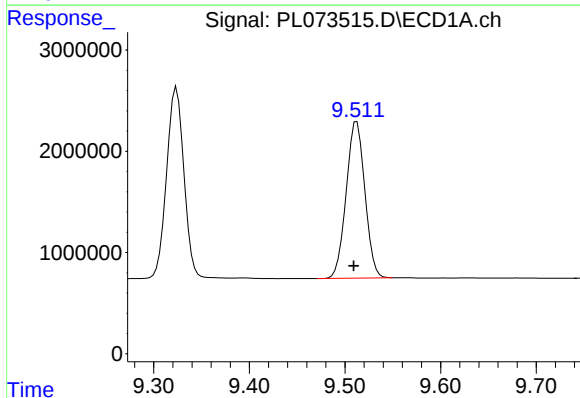
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



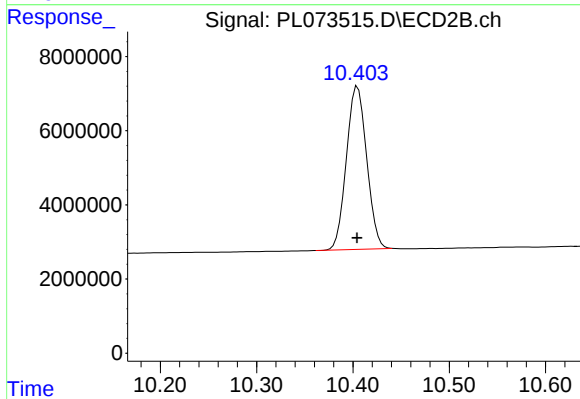
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 80484829
Conc: 48.76 ng/ml



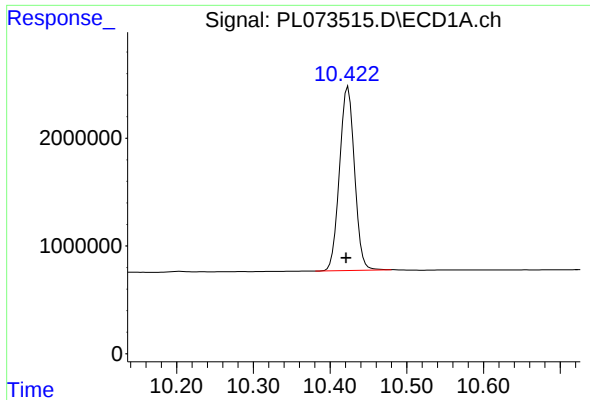
#22 Mirex

R.T.: 9.512 min
Delta R.T.: 0.003 min
Response: 21090022
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 64337144
Conc: 47.36 ng/ml



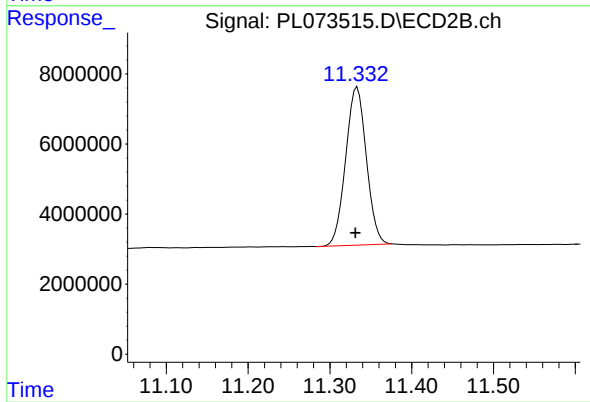
#28 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.002 min
Response: 23223499
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 79046190
Conc: 44.20 ng/ml