

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 21:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 04:41:09 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	5.492	16670533	91443404	52.049	55.716
28)	SA Decachlor...	10.415	11.331	24558977	86737846	48.297	48.506
Target Compounds							
2)	A alpha-BHC	5.349	6.055	21621828	130.7E6	52.454	58.105
3)	MA gamma-BHC...	5.772	6.444	21447422	120.3E6	51.416	56.358
4)	MA Heptachlor	6.184	7.103	21972004	123.0E6	48.697	52.490
5)	MB Aldrin	6.509	7.471	21042804	116.8E6	50.930	55.730
6)	B beta-BHC	6.152	6.680	10878199	55380234	52.833	53.129
7)	B delta-BHC	6.414	6.948	21362995	118.6E6	53.188	55.082
8)	B Heptachlo...	7.086	7.927	21616948	107.6E6	50.158	53.882
9)	A Endosulfan I	7.489	8.326	20749401	96804740	50.581	53.032
10)	B gamma-Chl...	7.364	8.193	22137808	107.3E6	50.624	52.545m
11)	B alpha-Chl...	7.433	8.276	22234420	106.3E6	50.312	53.151m
12)	B 4,4'-DDE	7.647	8.461	18340977	94418721	51.112	52.678
13)	MA Dieldrin	7.776	8.612	21410573	96032123	51.391	52.057
14)	MA Endrin	8.067	8.846	19117419	73627610	49.271	47.828
15)	B Endosulfa...	8.377	9.068	19658803	77098195	50.294	50.200m
16)	A 4,4'-DDD	8.232	8.987	17596194	77589475	54.186	53.154m
17)	MA 4,4'-DDT	8.494	9.307	16052014	69832408	42.445	42.723
18)	B Endrin al...	8.565	9.201	15476105	59779257	48.937	48.747m
19)	B Endosulfa...	8.795	9.440	21172279	78566732	50.121m	49.850
20)	A Methoxychlor	9.089	9.786	10671512	36480034	41.599	40.485
21)	B Endrin ke...	9.316	9.928	25822852	84593483	52.783	51.250
22)	Mirex	9.504	10.404	22491999	65395915	47.697	48.140

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

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 ALS Vial : 4 Sample Multiplier: 1

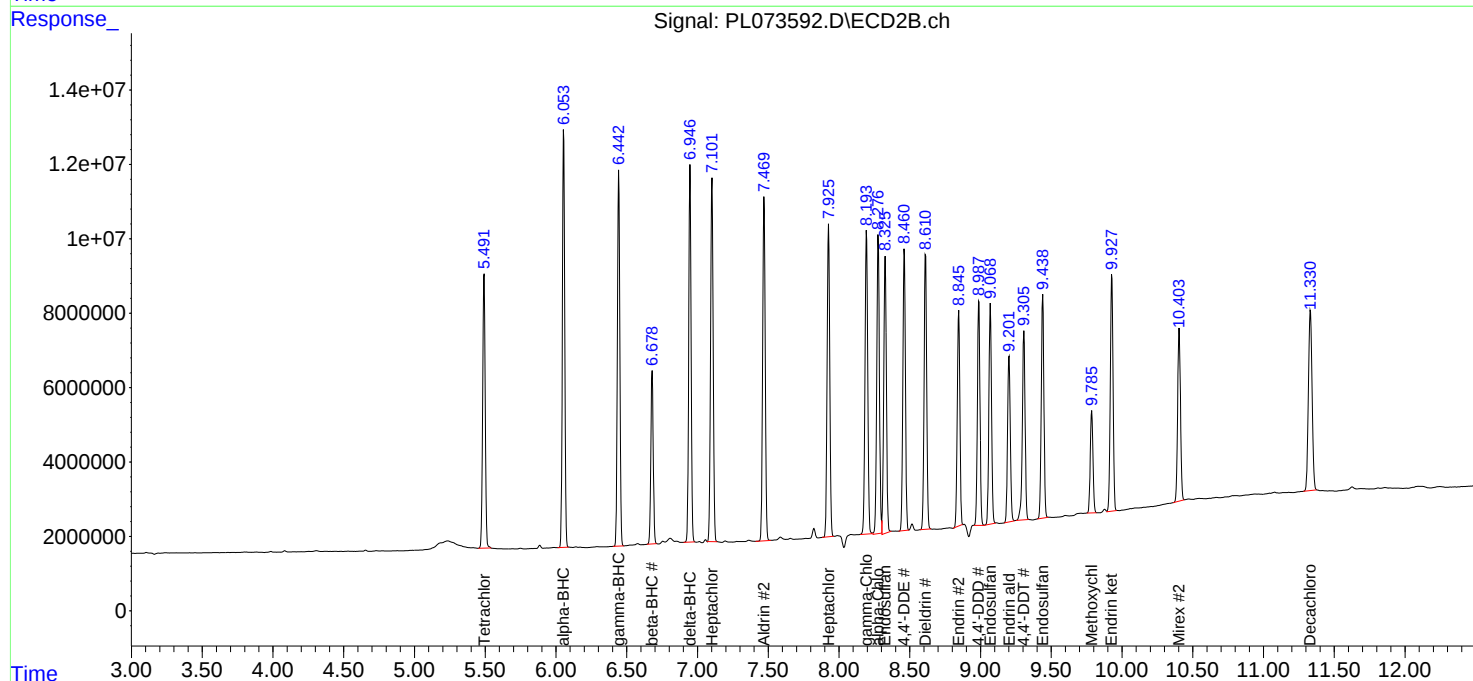
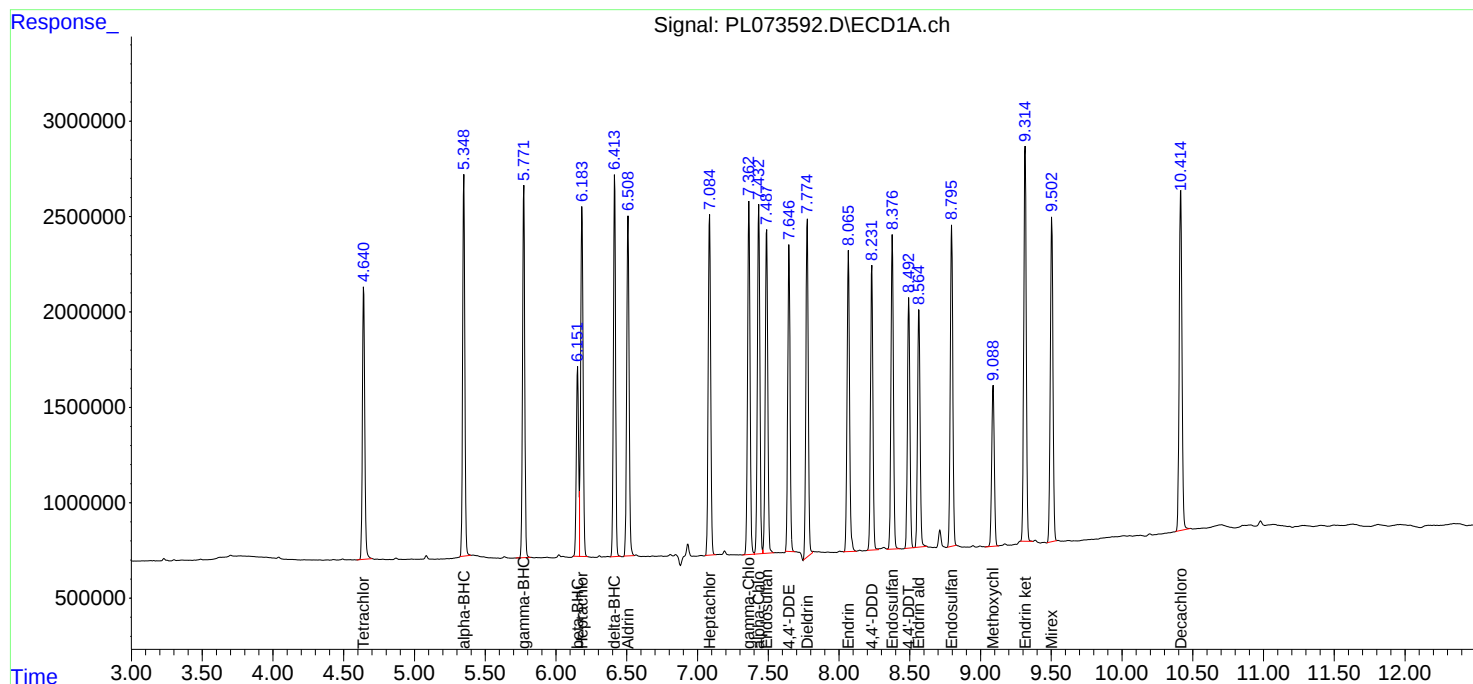
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

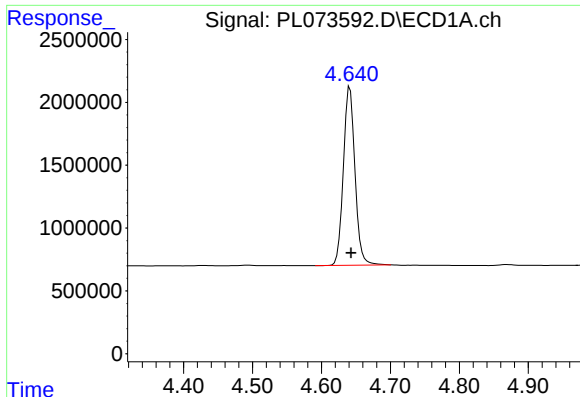
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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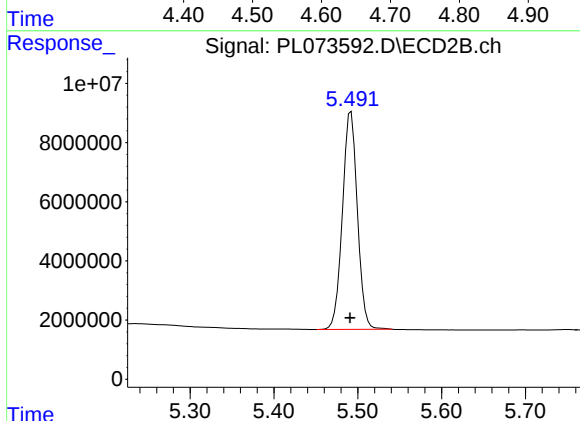
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 16670533
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

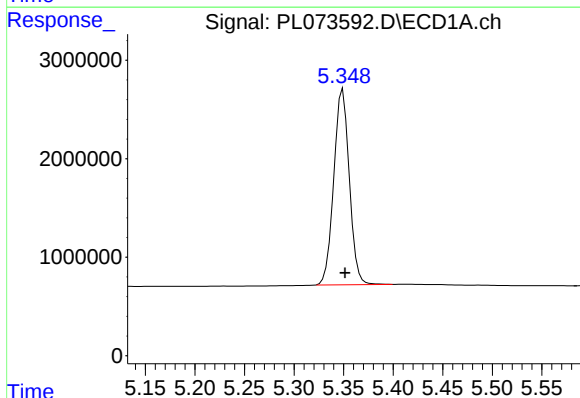
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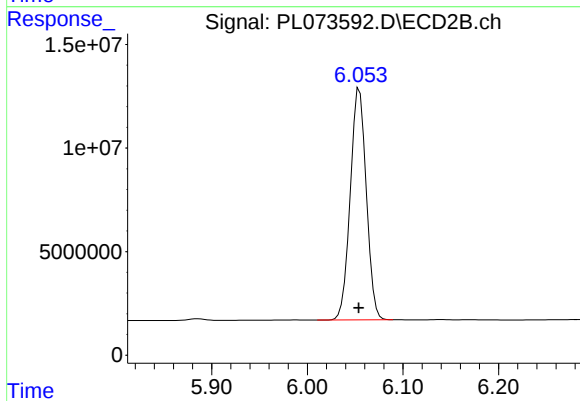
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 91443404
Conc: 55.72 ng/ml



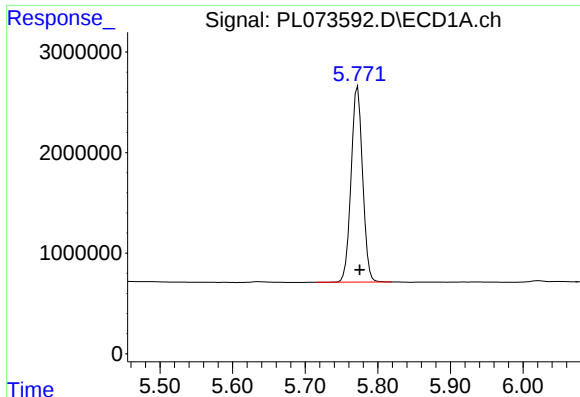
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21621828
Conc: 52.45 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 130716165
Conc: 58.11 ng/ml



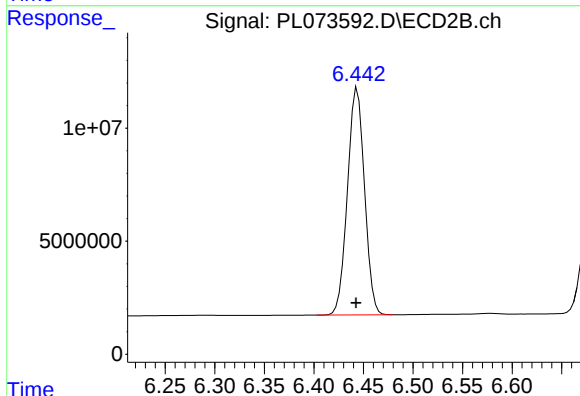
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 21447422
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

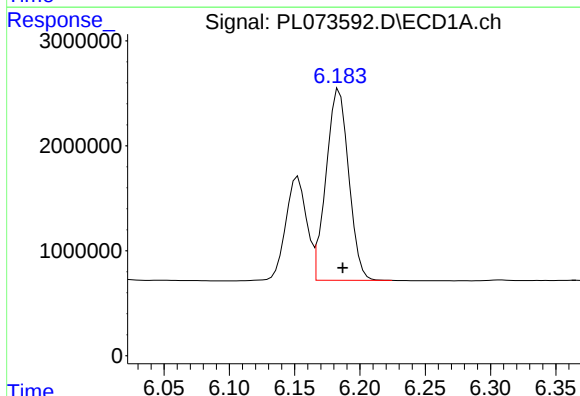
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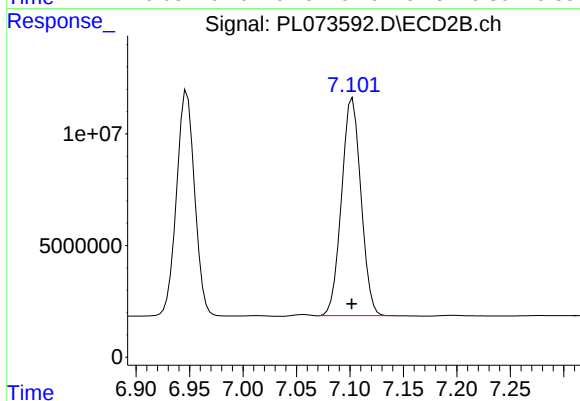
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 120329848
Conc: 56.36 ng/ml



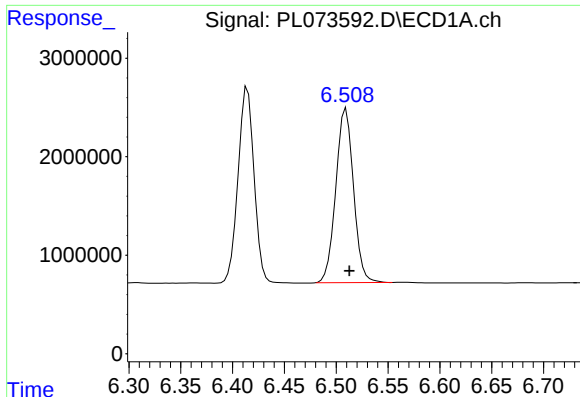
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21972004
Conc: 48.70 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 122989384
Conc: 52.49 ng/ml



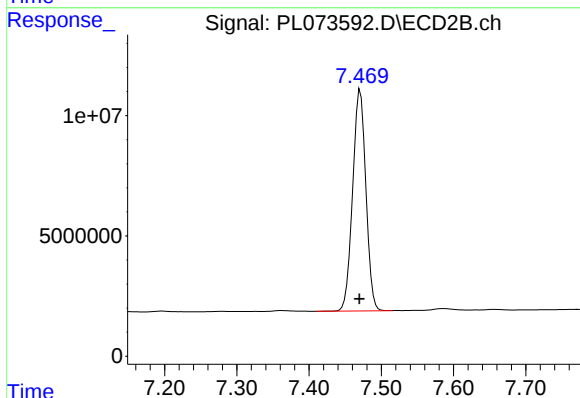
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 21042804
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

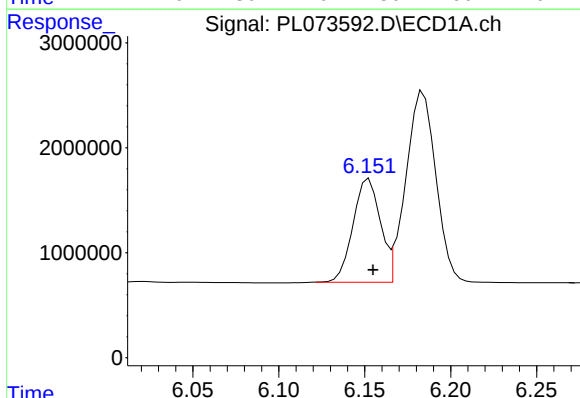
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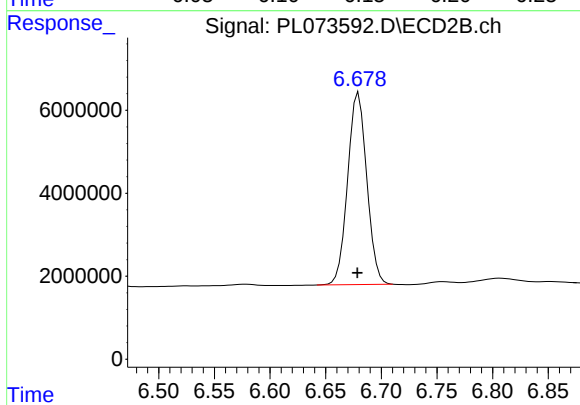
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 116753647
Conc: 55.73 ng/ml



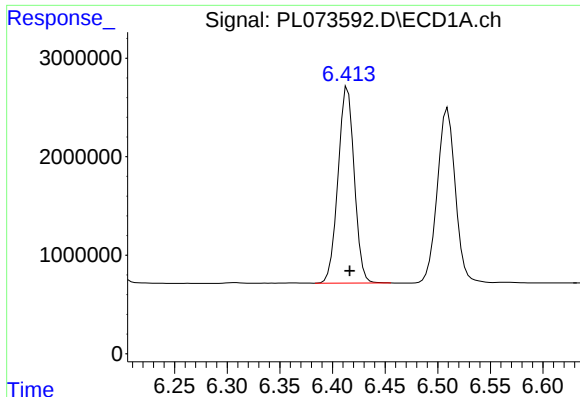
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 10878199
Conc: 52.83 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 55380234
Conc: 53.13 ng/ml



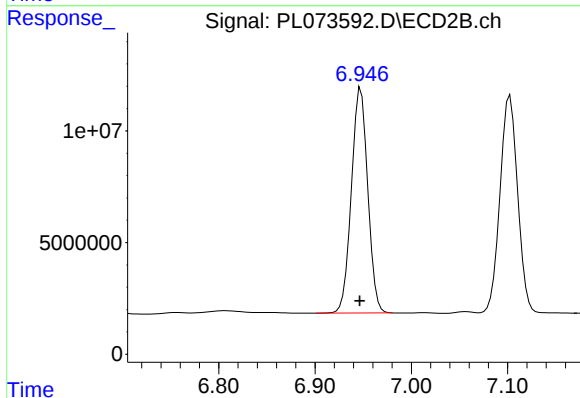
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 21362995
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

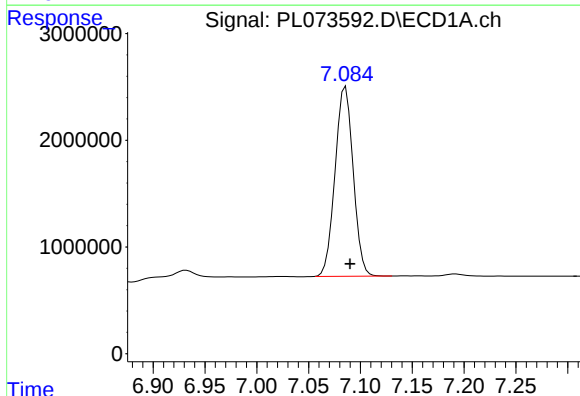
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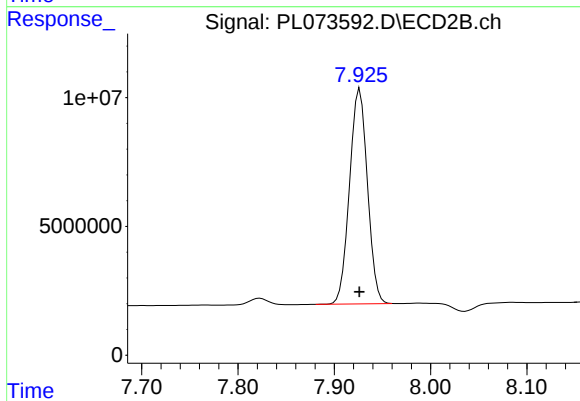
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 118622087
Conc: 55.08 ng/ml



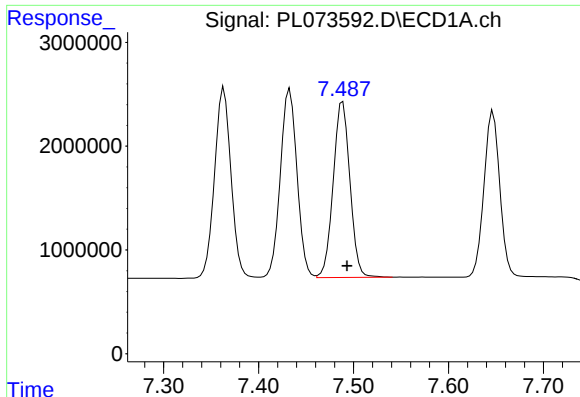
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 21616948
Conc: 50.16 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 107619682
Conc: 53.88 ng/ml



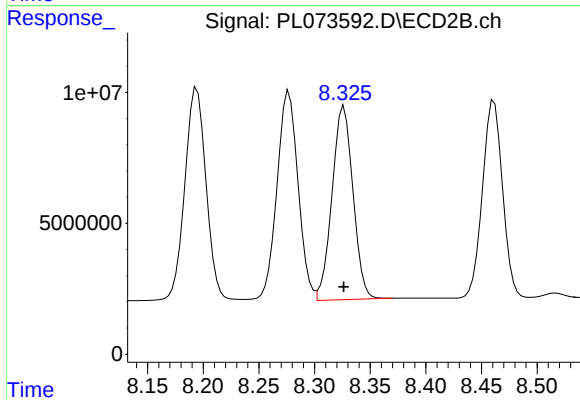
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 20749401
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

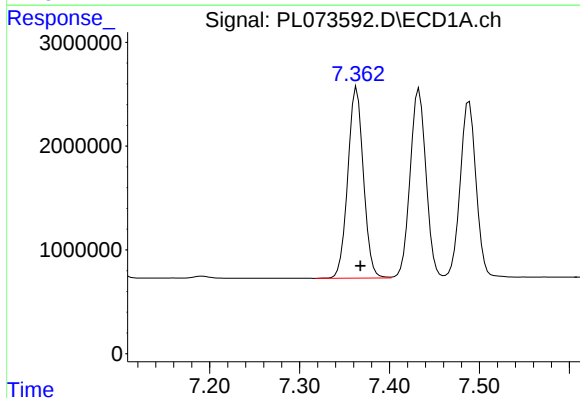
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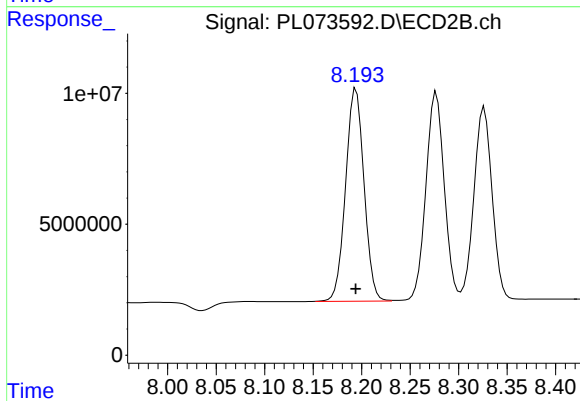
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 96804740
Conc: 53.03 ng/ml



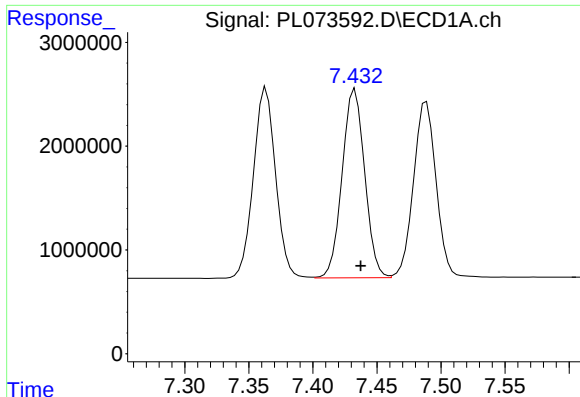
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22137808
Conc: 50.62 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 107318681
Conc: 52.55 ng/ml m



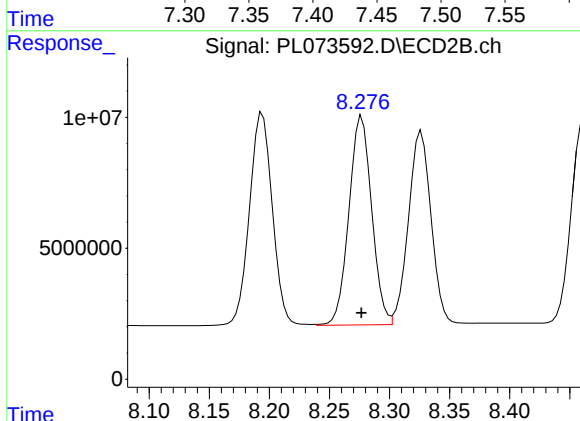
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 22234420
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

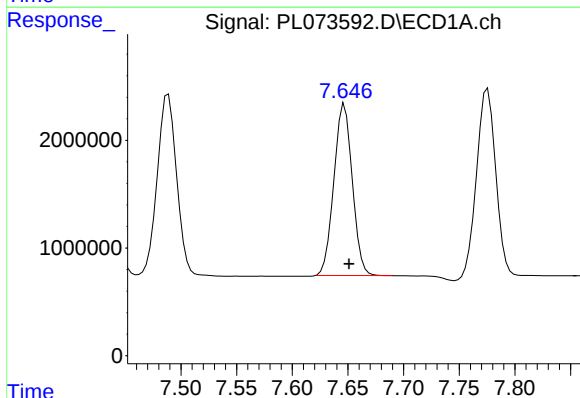
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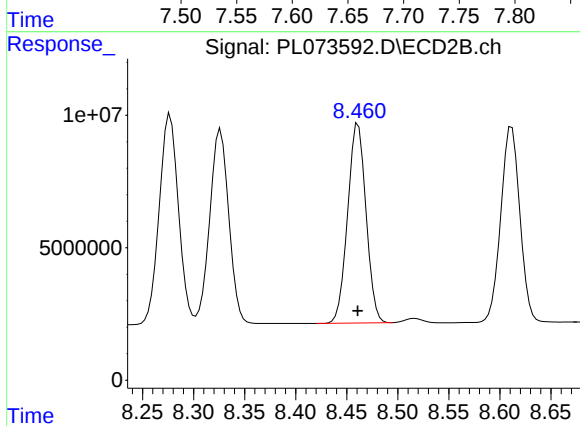
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 106301696
Conc: 53.15 ng/ml m



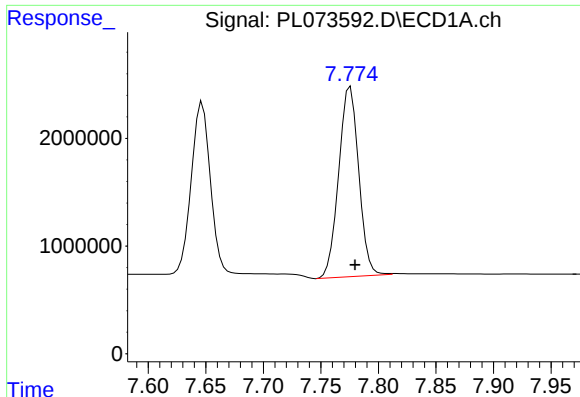
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 18340977
Conc: 51.11 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 94418721
Conc: 52.68 ng/ml



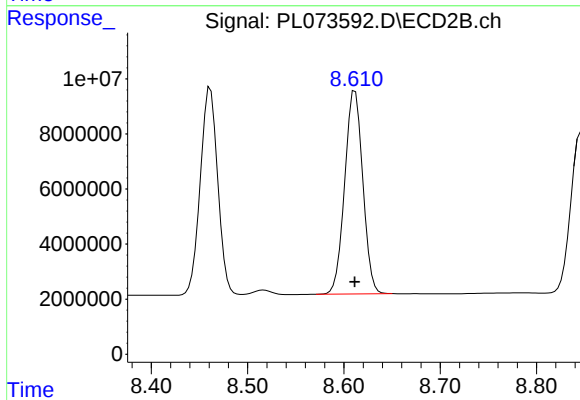
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 21410573
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

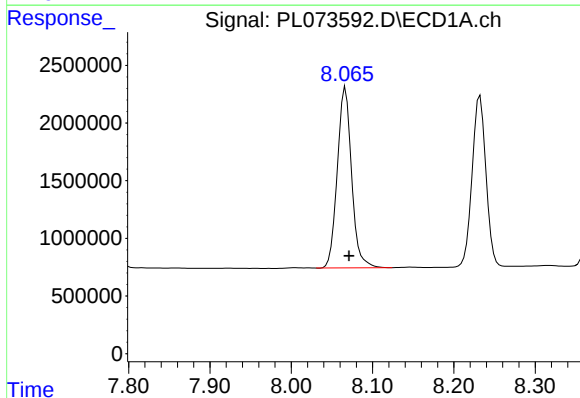
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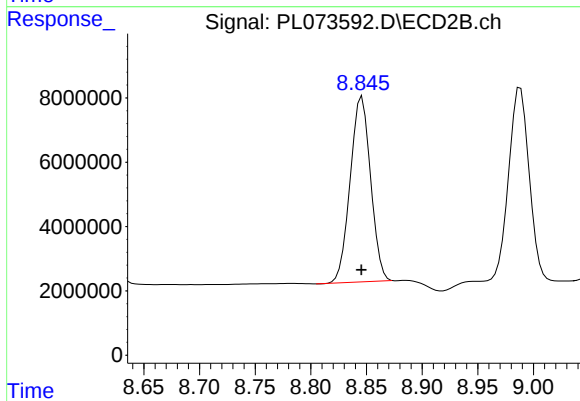
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 96032123
Conc: 52.06 ng/ml



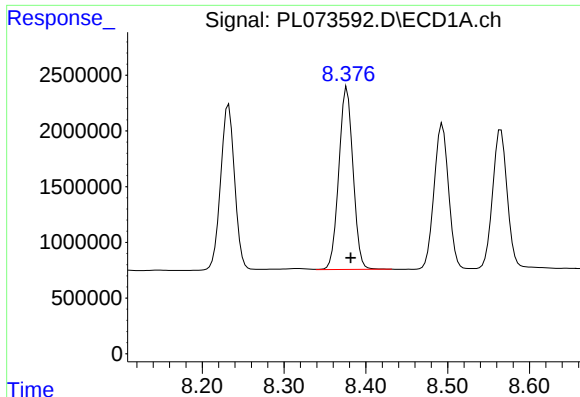
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 19117419
Conc: 49.27 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 73627610
Conc: 47.83 ng/ml



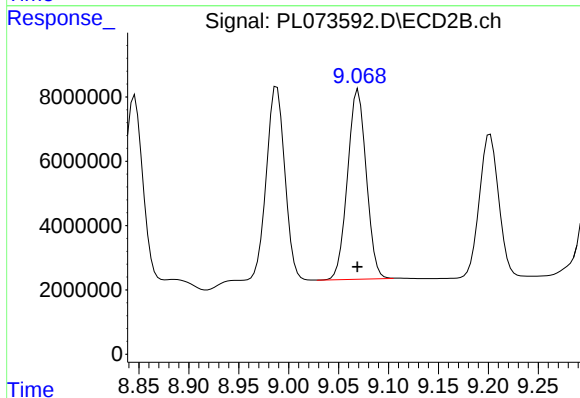
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 19658803
Conc: 50.29 ng/ml

Instrument :
ECD_L
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PSTDCCC050

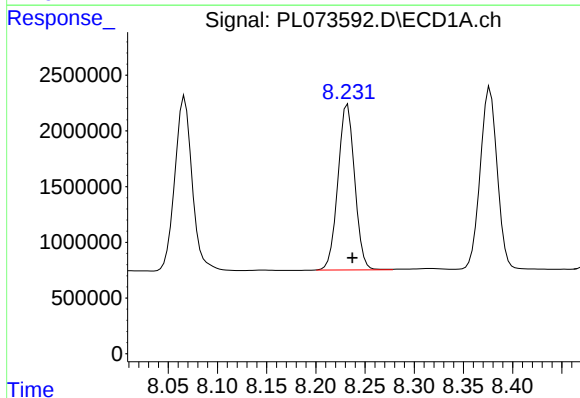
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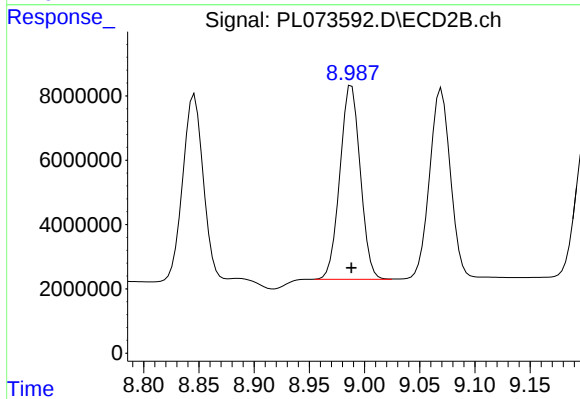
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 77098195
Conc: 50.20 ng/ml m



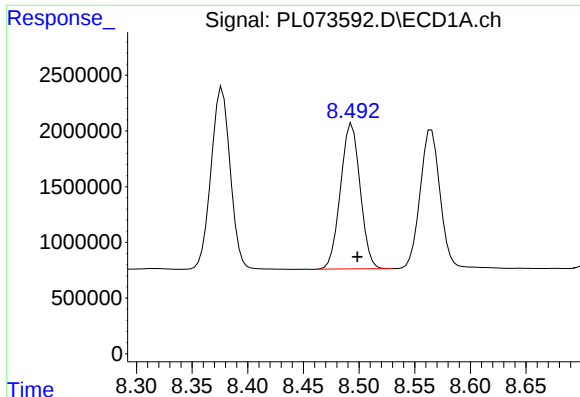
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 17596194
Conc: 54.19 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 77589475
Conc: 53.15 ng/ml m



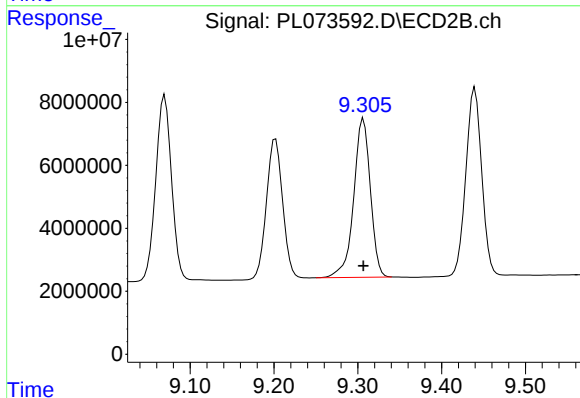
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 16052014
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

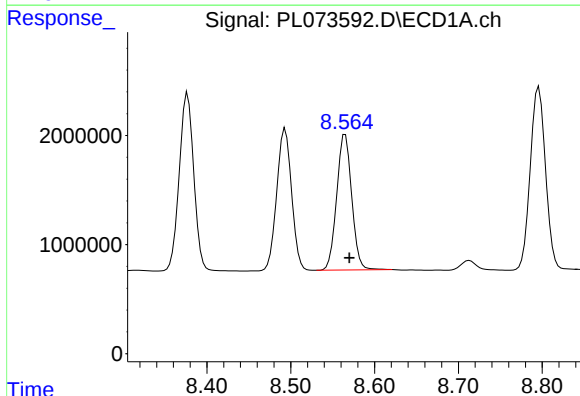
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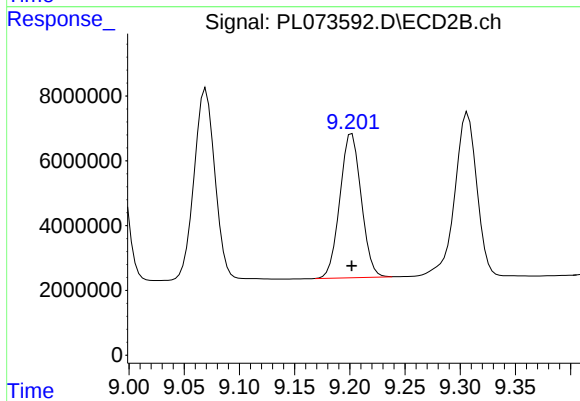
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 69832408
Conc: 42.72 ng/ml



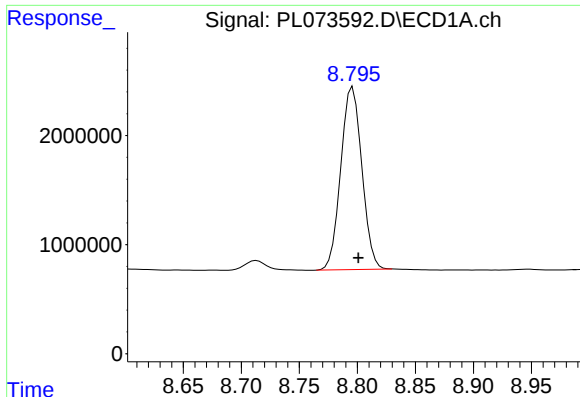
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 15476105
Conc: 48.94 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.001 min
Response: 59779257
Conc: 48.75 ng/ml m



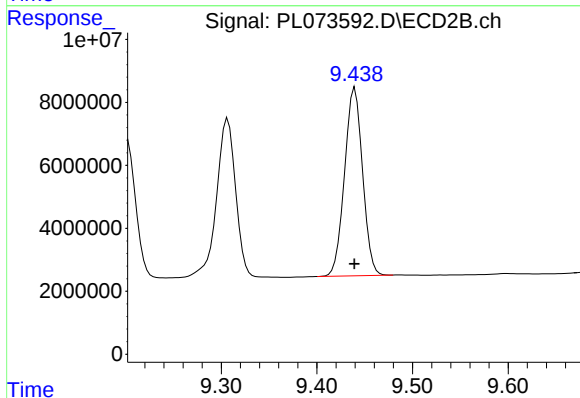
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: -0.006 min
Response: 21172279
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

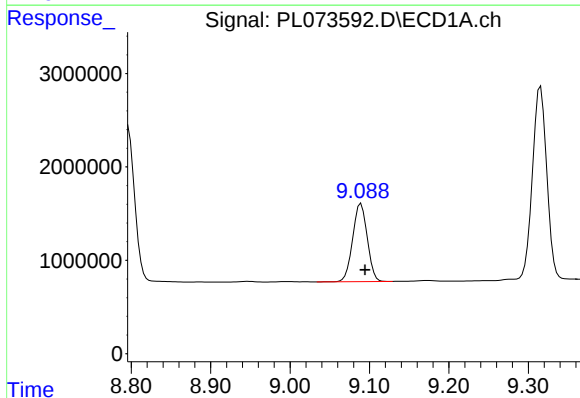
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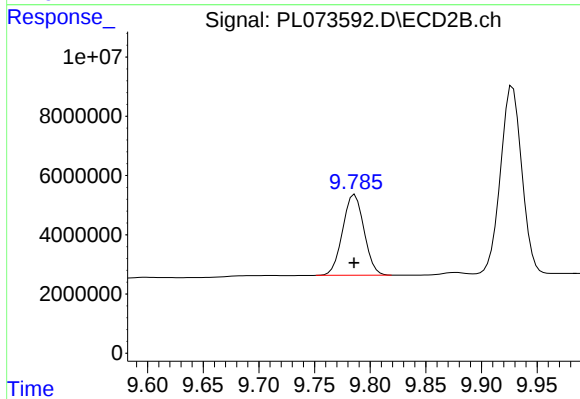
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 78566732
Conc: 49.85 ng/ml



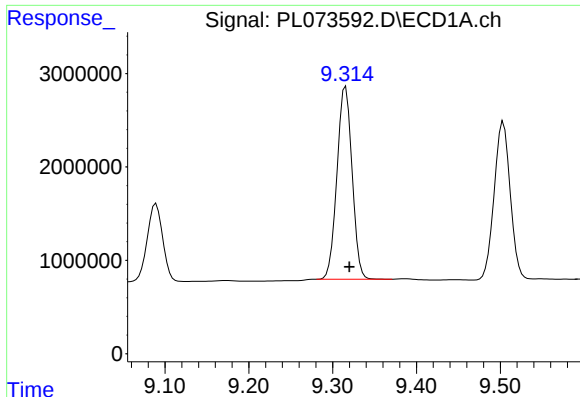
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 10671512
Conc: 41.60 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 36480034
Conc: 40.49 ng/ml



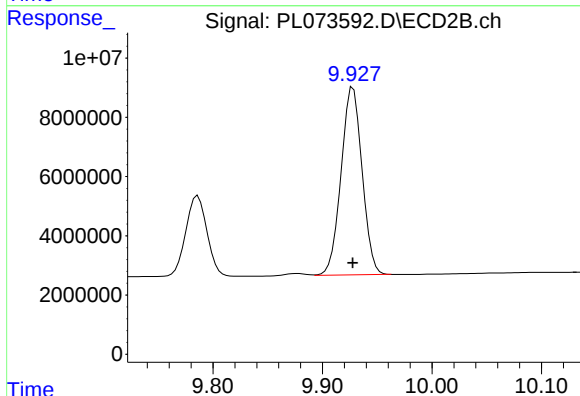
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 25822852
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

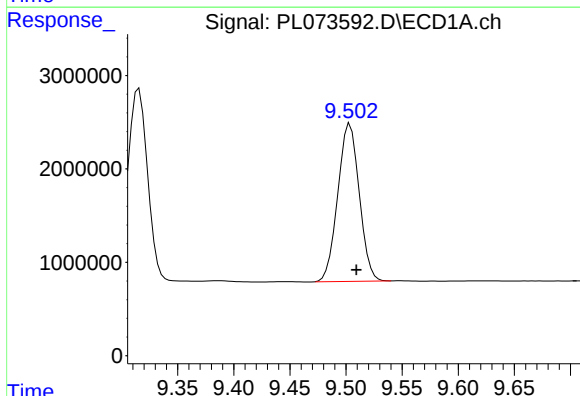
Manual Integrations
APPROVED

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



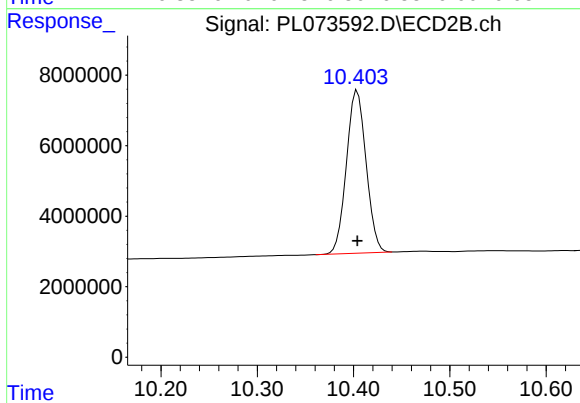
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 84593483
Conc: 51.25 ng/ml



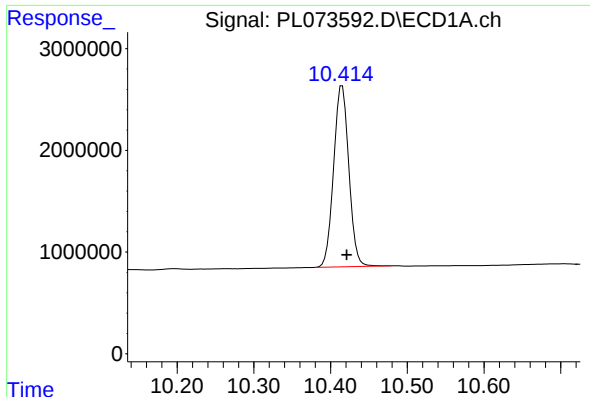
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 22491999
Conc: 47.70 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 65395915
Conc: 48.14 ng/ml



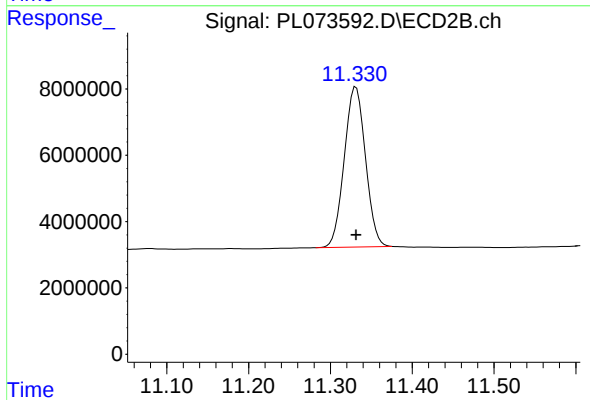
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 24558977
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 86737846
Conc: 48.51 ng/ml