

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
 Data File : PL073742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 21:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 04:07:38 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	5.490	16713023	89288144	52.182	54.403
28)	SA Decachlor...	10.415	11.332	24539722	85424399	48.259	47.772
Target Compounds							
2)	A alpha-BHC	5.349	6.054	21933539	127.6E6	53.211	56.729
3)	MA gamma-BHC...	5.773	6.443	21731455	118.1E6	52.097	55.316
4)	MA Heptachlor	6.184	7.102	22304144	118.1E6	49.433	50.407
5)	MB Aldrin	6.510	7.470	21162044	112.4E6	51.219	53.642
6)	B beta-BHC	6.153	6.679	11066240	53950261	53.747	51.757
7)	B delta-BHC	6.415	6.947	21747987	115.8E6	54.147	53.782
8)	B Heptachlo...	7.086	7.927	21979200	102.3E6	50.998	51.210
9)	A Endosulfan I	7.489	8.327	21105109	92572463	51.448	50.714
10)	B gamma-Chl...	7.364	8.193	22379156	101.6E6	51.175	49.758m
11)	B alpha-Chl...	7.433	8.277	22597277	101.3E6	51.133	50.629
12)	B 4,4'-DDE	7.647	8.462	18792602	90070907	52.371	50.252
13)	MA Dieldrin	7.776	8.612	21260394	92726940	51.030	50.266
14)	MA Endrin	8.067	8.846	19494225	72470944	50.242	47.077
15)	B Endosulfa...	8.377	9.070	20075225	74604564	51.359	48.576
16)	A 4,4'-DDD	8.233	8.989	17967829	78012910	55.330	53.444
17)	MA 4,4'-DDT	8.494	9.307	17141433	68772573	45.326	42.075
18)	B Endrin al...	8.566	9.201	15665889	56884977	49.537	46.387m
19)	B Endosulfa...	8.796	9.440	21742190	77146864	51.470m	48.949
20)	A Methoxychlor	9.089	9.787	11234720	36725321	43.794	40.757
21)	B Endrin ke...	9.316	9.928	26236932	82980607	53.630	50.273
22)	Mirex	9.504	10.405	23155110	64489876	49.103	47.473

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032922\
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 Acq On : 29 Mar 2022 21:24
 Operator : AR\AJ
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

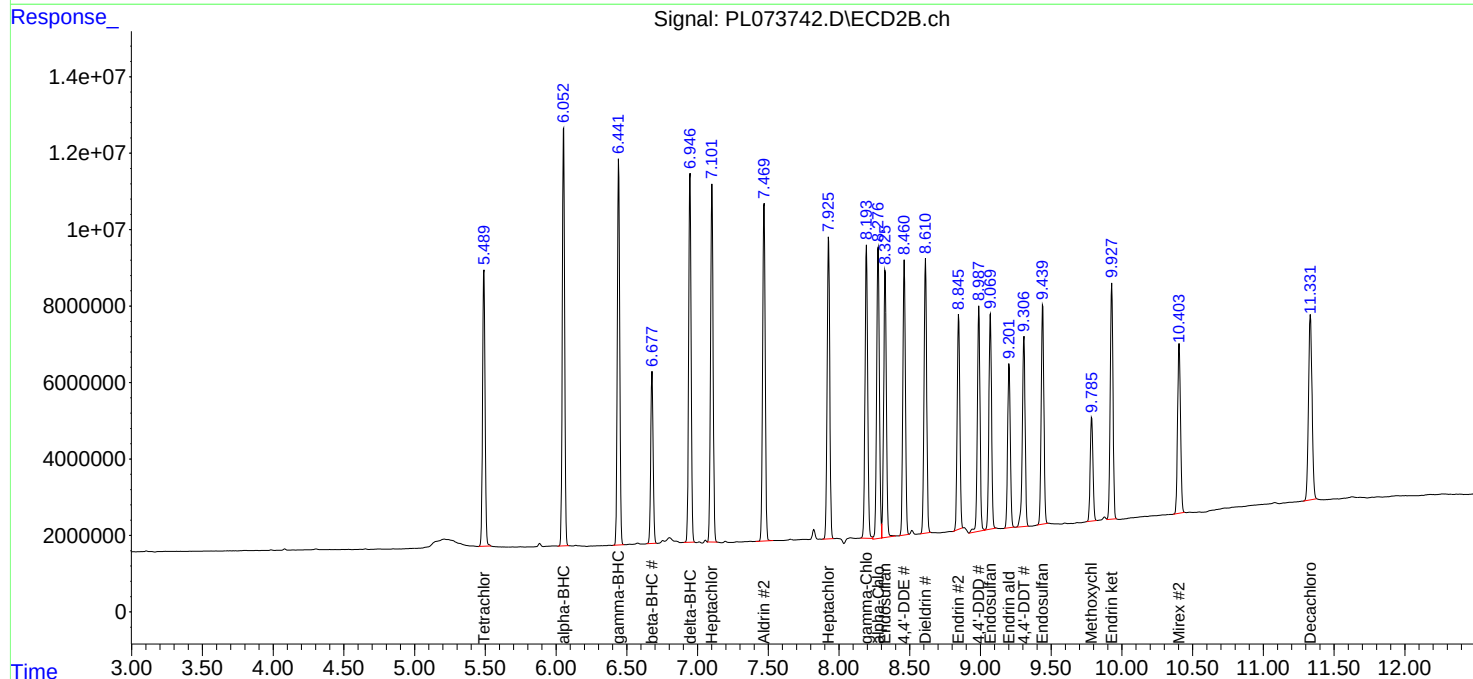
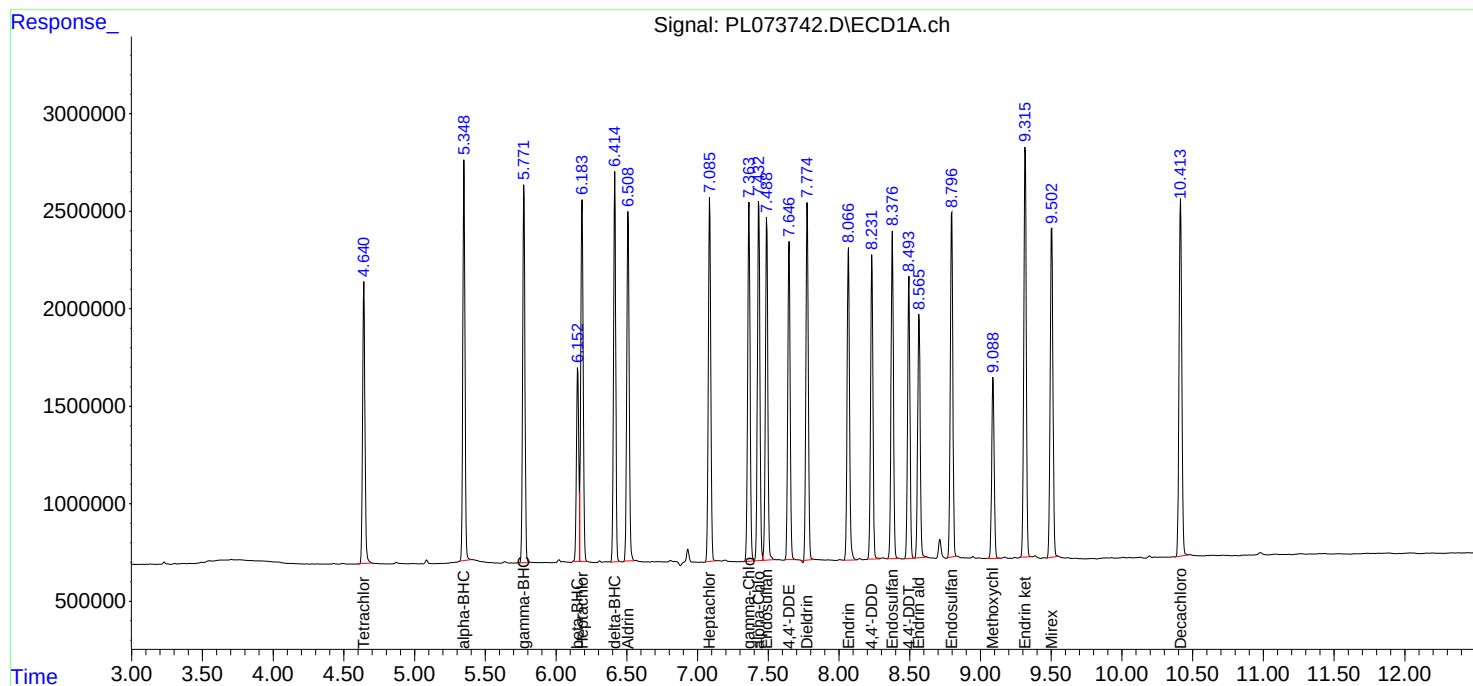
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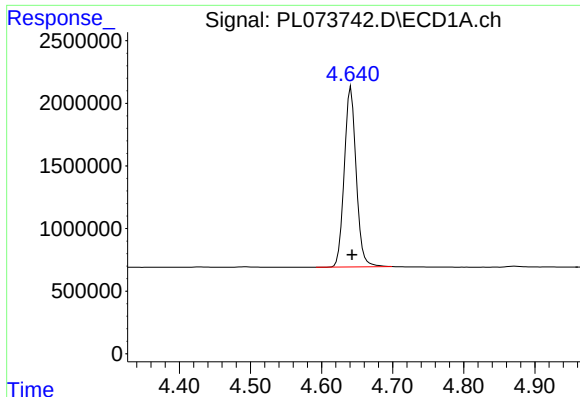
Reviewed By :Abdul Mirza 03/30/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 04:07:38 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





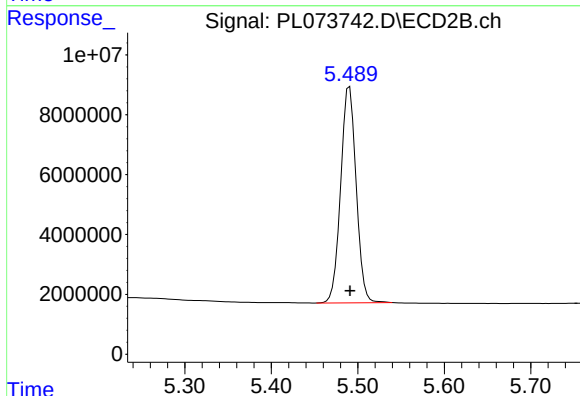
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 16713023
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

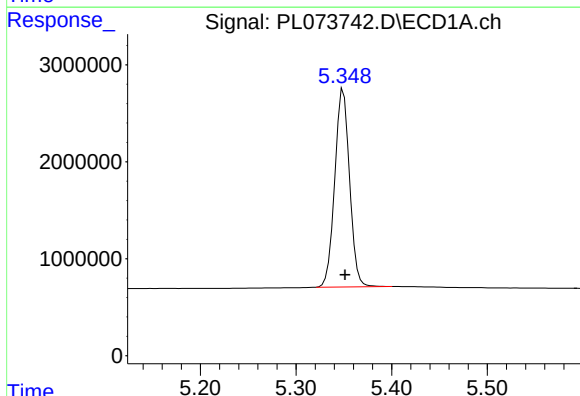
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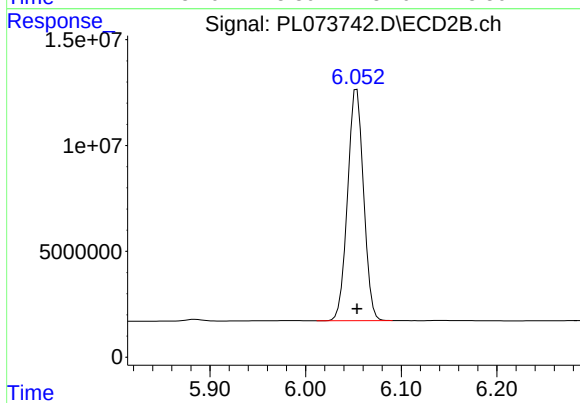
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 89288144
Conc: 54.40 ng/ml



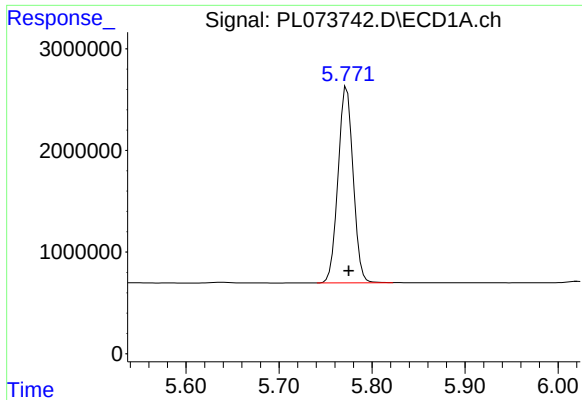
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21933539
Conc: 53.21 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 127619906
Conc: 56.73 ng/ml



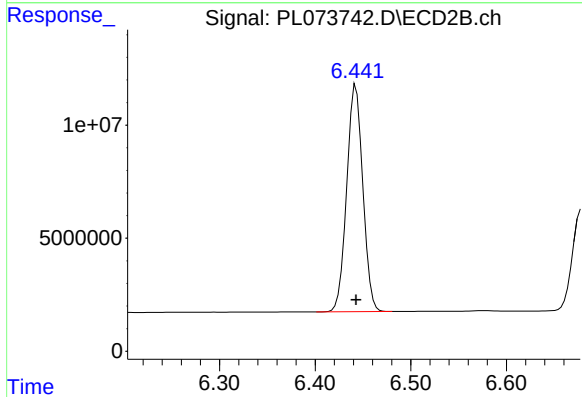
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21731455
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

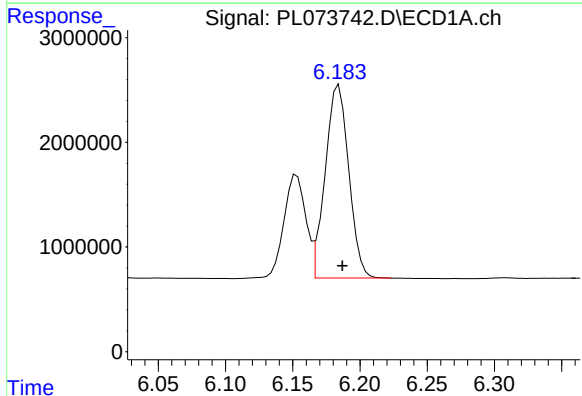
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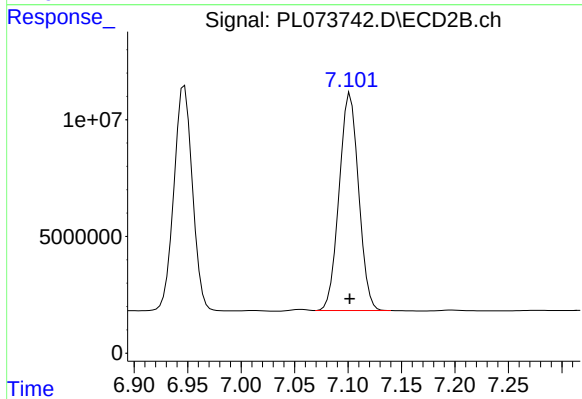
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 118103354
Conc: 55.32 ng/ml



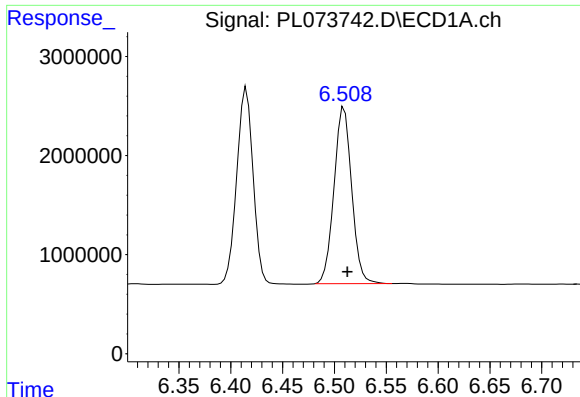
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 22304144
Conc: 49.43 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 118109043
Conc: 50.41 ng/ml



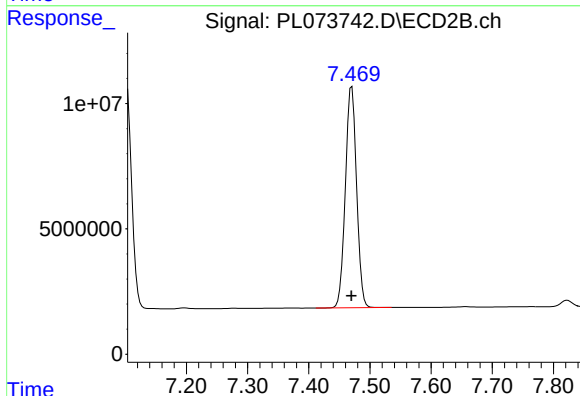
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 21162044
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

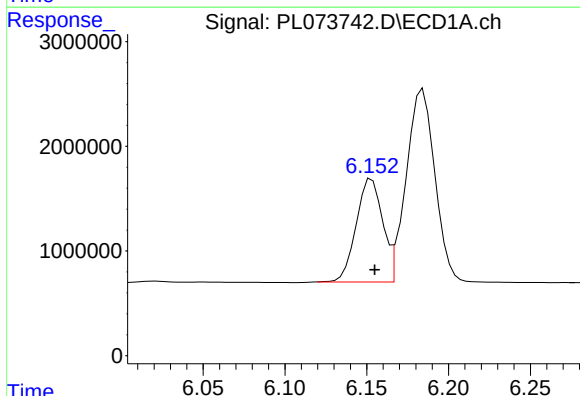
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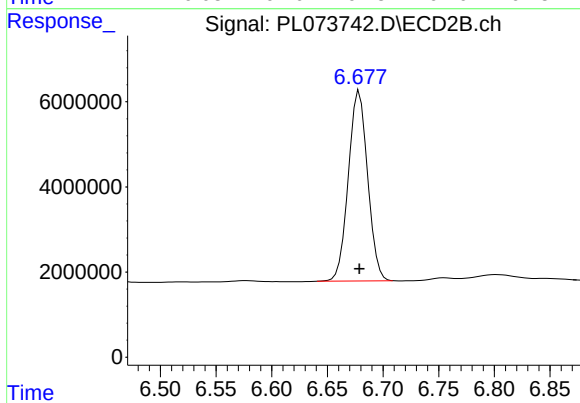
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 112378937
Conc: 53.64 ng/ml



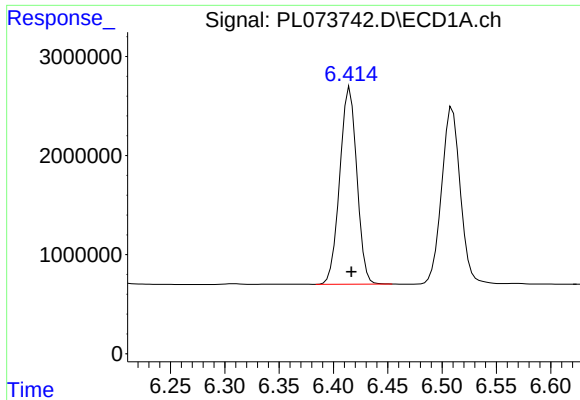
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 11066240
Conc: 53.75 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 53950261
Conc: 51.76 ng/ml



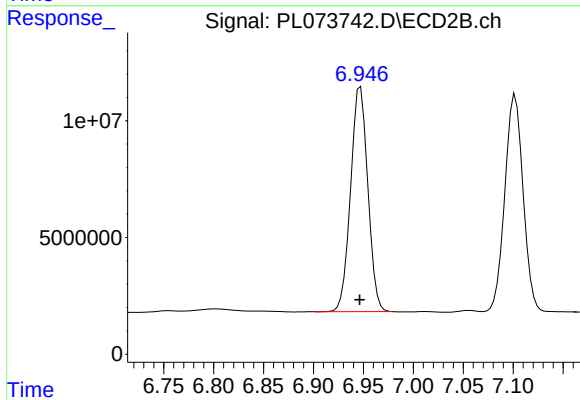
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21747987
Conc: 54.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

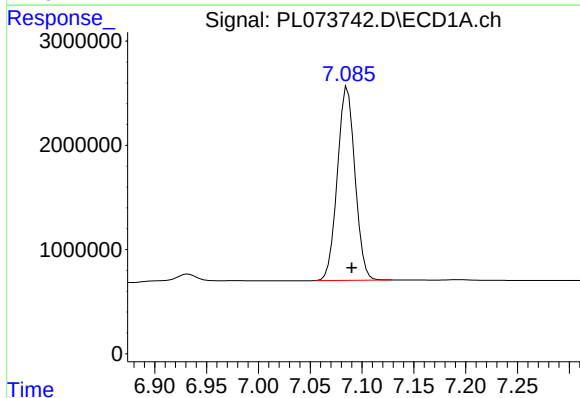
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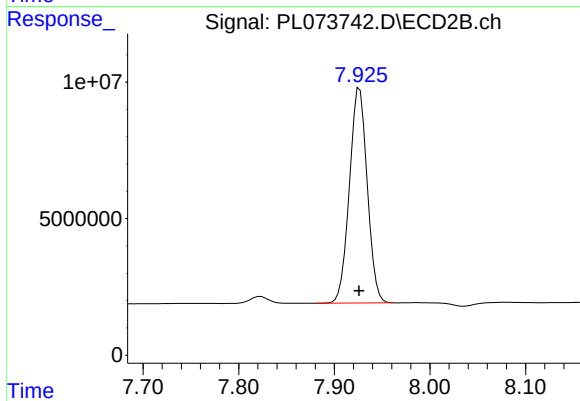
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 115823423
Conc: 53.78 ng/ml



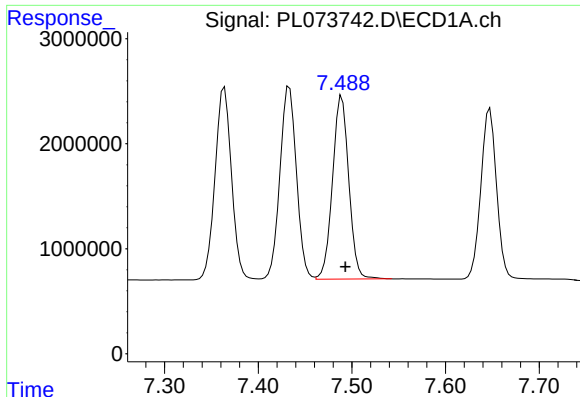
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 21979200
Conc: 51.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 102281873
Conc: 51.21 ng/ml



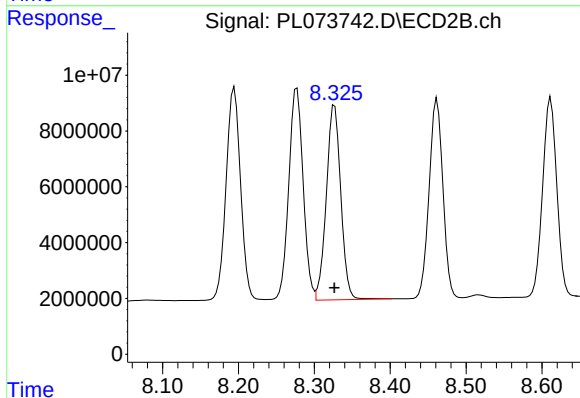
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 21105109
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

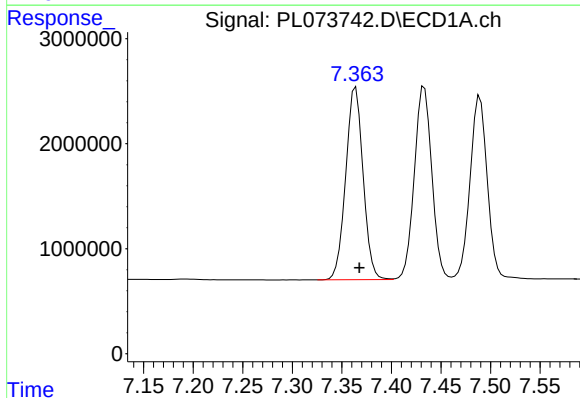
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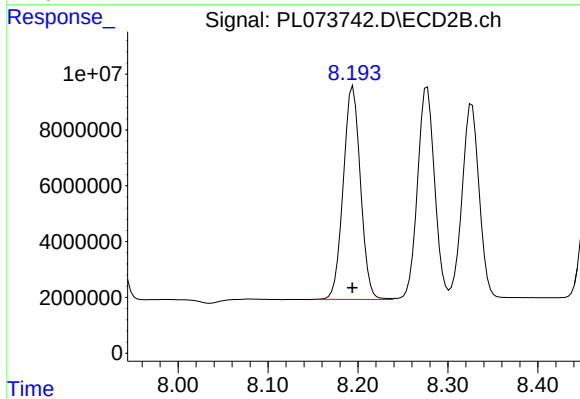
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 92572463
Conc: 50.71 ng/ml



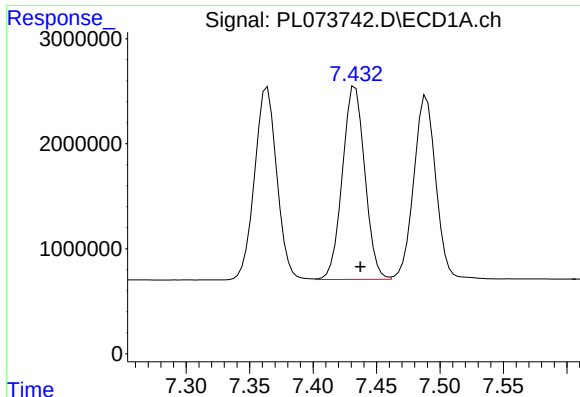
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22379156
Conc: 51.18 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 101627035
Conc: 49.76 ng/ml m



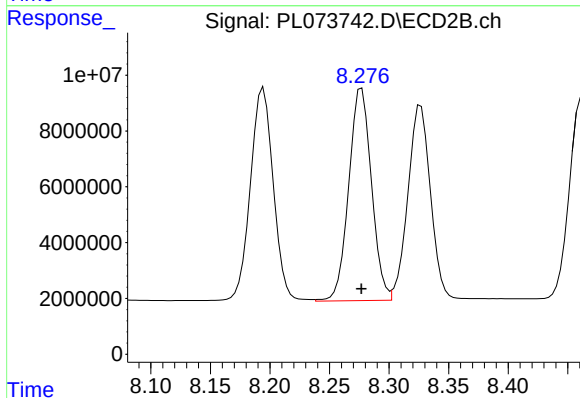
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 22597277
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

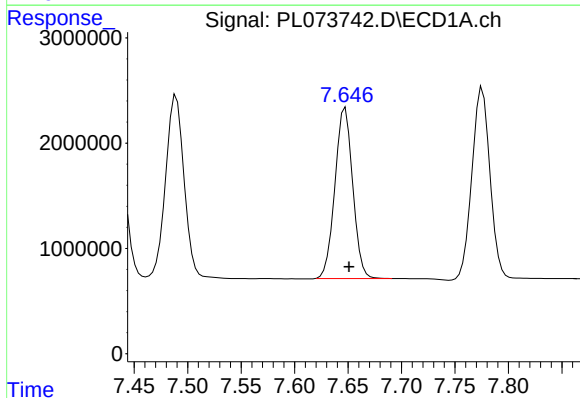
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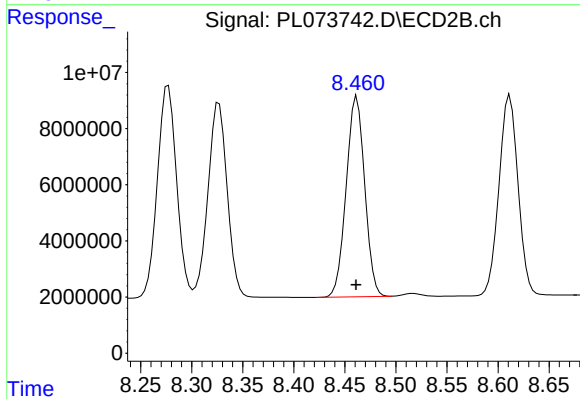
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 101259345
Conc: 50.63 ng/ml



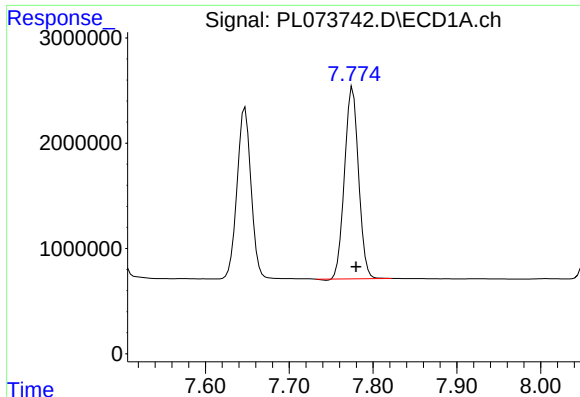
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 18792602
Conc: 52.37 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 90070907
Conc: 50.25 ng/ml



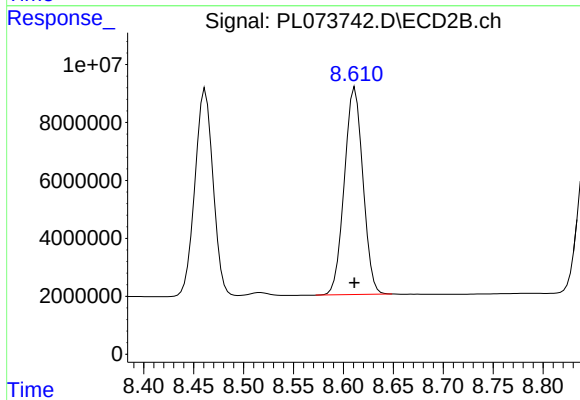
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 21260394
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

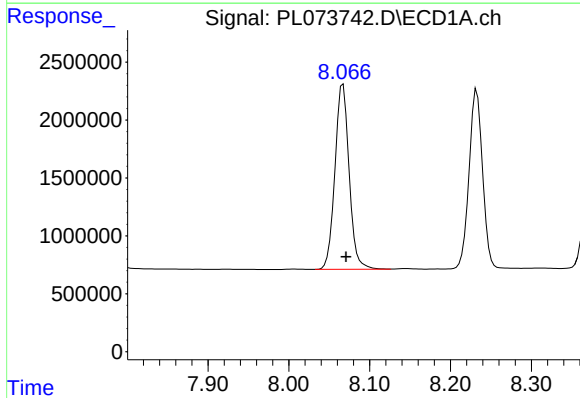
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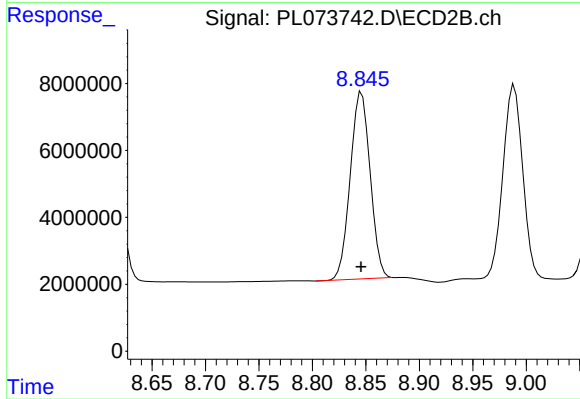
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 92726940
Conc: 50.27 ng/ml



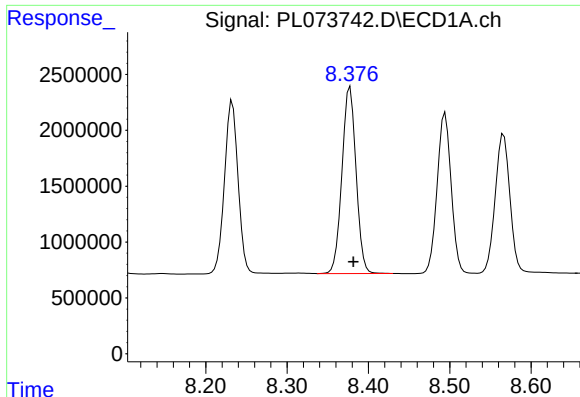
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 19494225
Conc: 50.24 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 72470944
Conc: 47.08 ng/ml



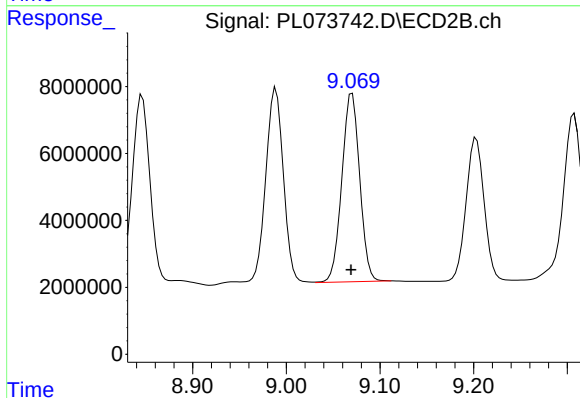
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 20075225
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

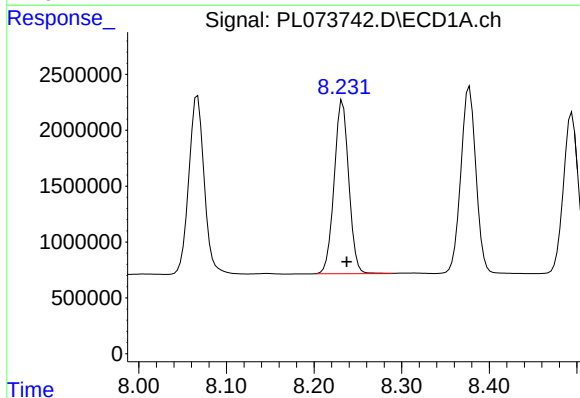
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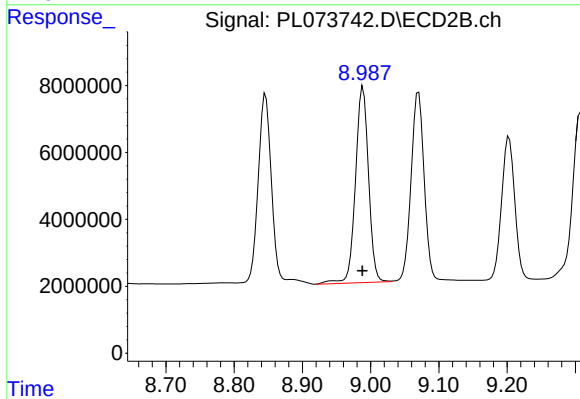
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 74604564
Conc: 48.58 ng/ml



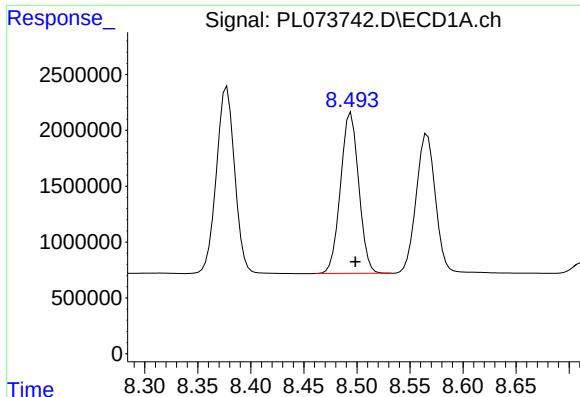
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 17967829
Conc: 55.33 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 78012910
Conc: 53.44 ng/ml



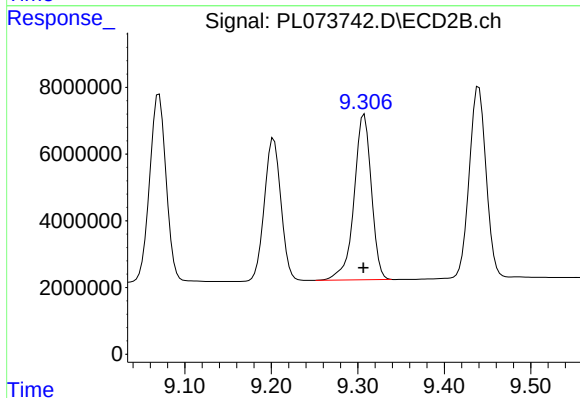
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.004 min
Response: 17141433
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

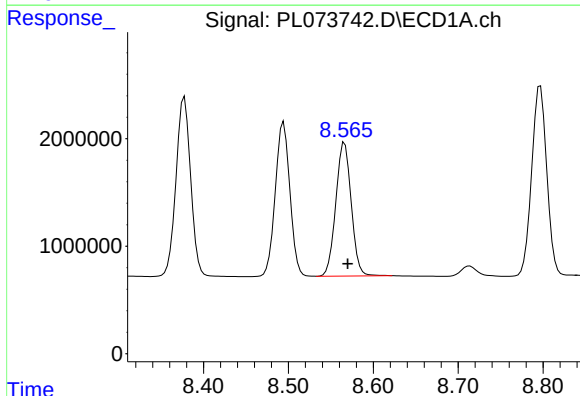
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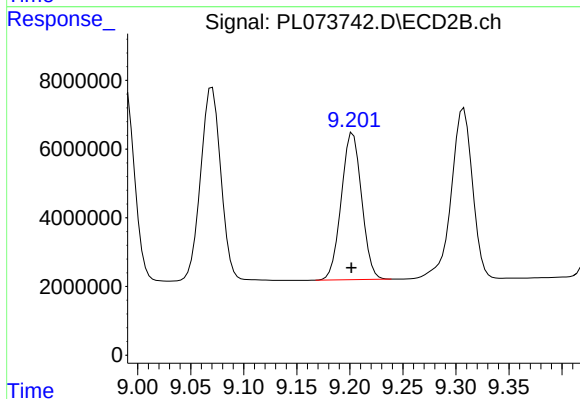
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 68772573
Conc: 42.07 ng/ml



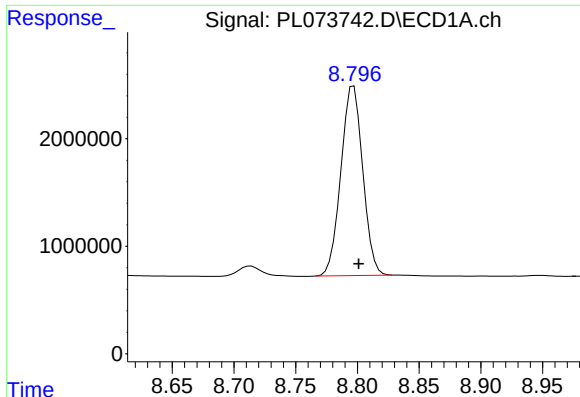
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 15665889
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 56884977
Conc: 46.39 ng/ml m



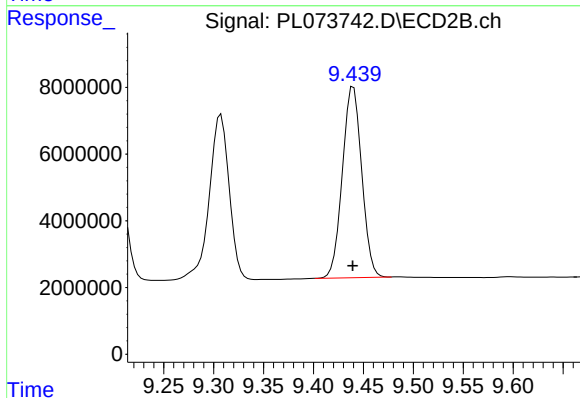
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 21742190
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

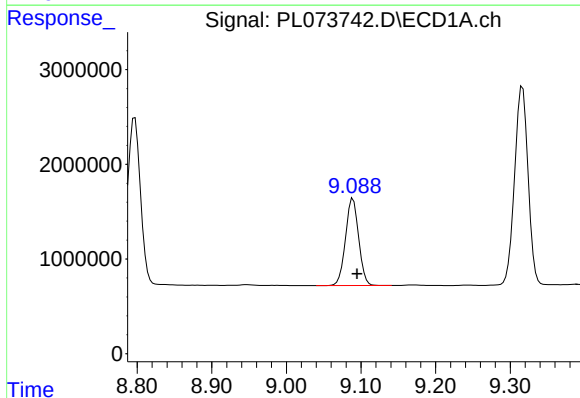
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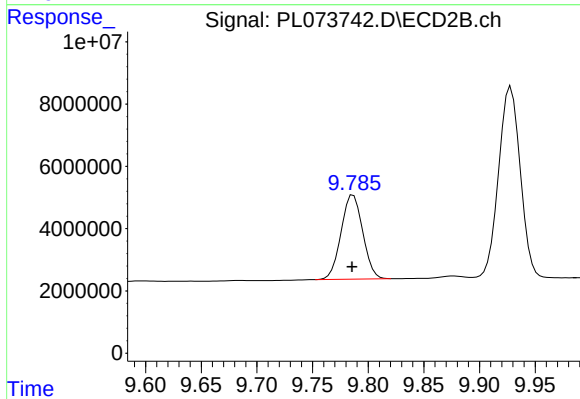
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 77146864
Conc: 48.95 ng/ml



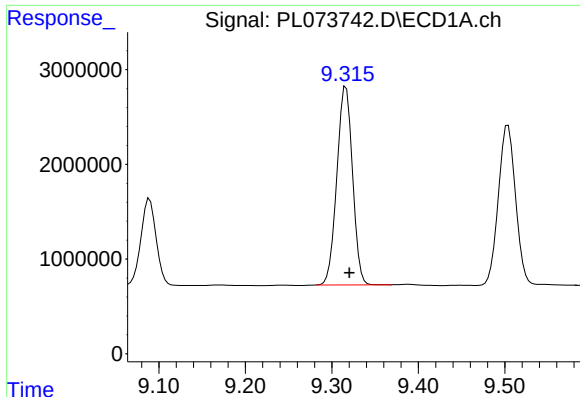
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 11234720
Conc: 43.79 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 36725321
Conc: 40.76 ng/ml



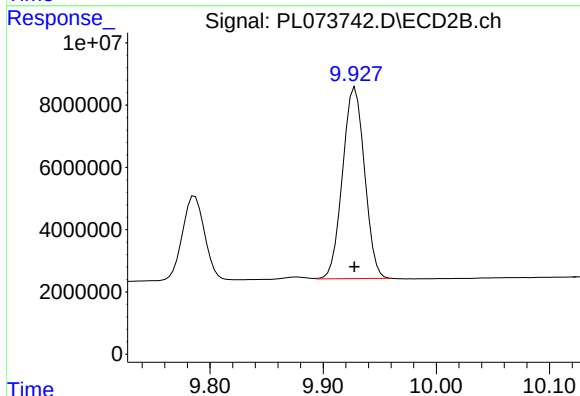
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 26236932
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

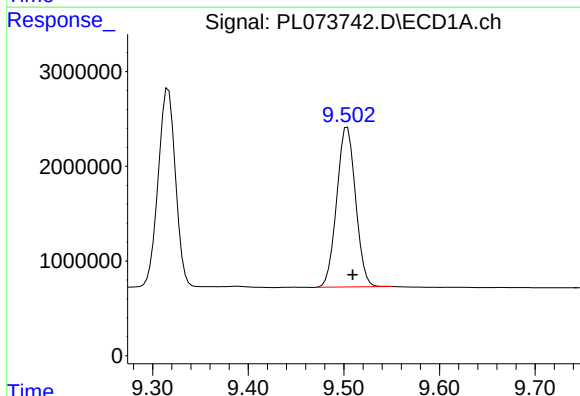
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Reviewed By :Abdul Mirza 03/30/2022
Supervised By :mohammad ahmed 03/30/2022



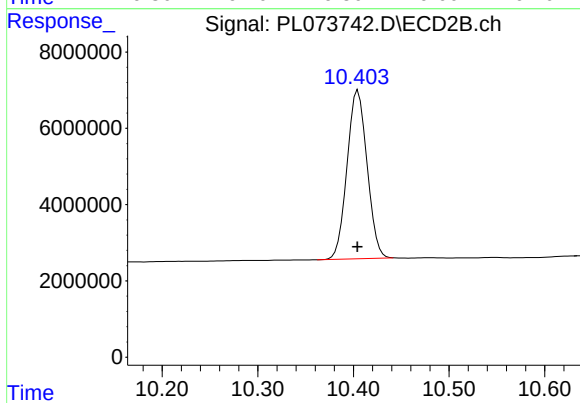
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 82980607
Conc: 50.27 ng/ml



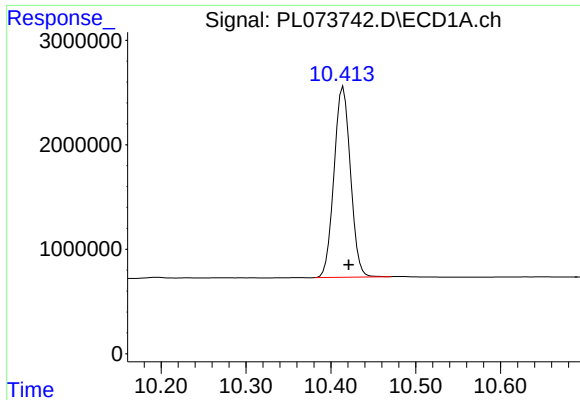
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 23155110
Conc: 49.10 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 64489876
Conc: 47.47 ng/ml



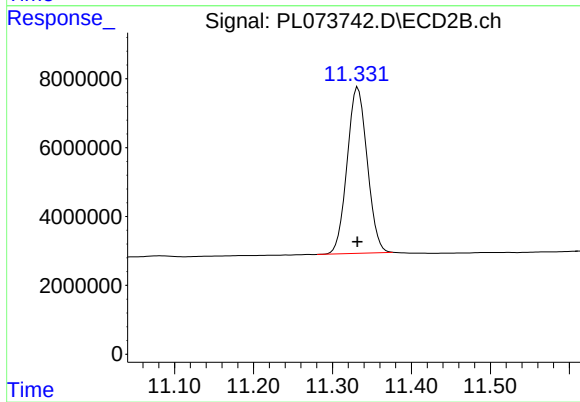
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 24539722
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/30/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 85424399
Conc: 47.77 ng/ml