

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 13:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/03/2022
 Supervised By :mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:00:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.633	5.489	18225084	95889412	56.405	53.781
28)	SA Decachlor...	10.400	11.331	29345251	99530110	56.430m	56.349
Target Compounds							
2)	A alpha-BHC	5.341	6.052	24250544	140.4E6	57.786	55.738
3)	MA gamma-BHC...	5.764	6.441	24308173	131.3E6	57.960	55.450
4)	MA Heptachlor	6.174	7.100	25770488	143.6E6	57.209	55.041
5)	MB Aldrin	6.499	7.469	24219272	133.2E6	58.353	56.731
6)	B beta-BHC	6.145	6.679	11330121	59801343	55.451	53.062
7)	B delta-BHC	6.406	6.946	24542166	134.8E6	59.328	55.209
8)	B Heptachlo...	7.076	7.925	24733259	123.7E6	57.662	54.941
9)	A Endosulfan I	7.478	8.326	24062632	112.6E6	58.672	57.214
10)	B gamma-Chl...	7.353	8.193	25410884	124.3E6	57.938	55.752
11)	B alpha-Chl...	7.422	8.276	25783846	121.5E6	58.364	56.447
12)	B 4,4'-DDE	7.634	8.460	21691292	116.6E6	59.458m	58.563
13)	MA Dieldrin	7.763	8.611	24438569	115.3E6	56.891m	57.488
14)	MA Endrin	8.056	8.845	22728740	96373131	55.950	56.902
15)	B Endosulfa...	8.366	9.069	22953179	90338752	55.690	52.002
16)	A 4,4'-DDD	8.221	8.989	18929496	90350252	58.619	58.722
17)	MA 4,4'-DDT	8.482	9.307	21268062	98913944	57.537	55.800
18)	B Endrin al...	8.555	9.202	18288860	73109310	56.525	56.603
19)	B Endosulfa...	8.786	9.440	24089103	93485892	56.412	56.170
20)	A Methoxychlor	9.077	9.787	13180314	50070301	53.089	52.056
21)	B Endrin ke...	9.303	9.928	28804398	100.7E6	58.959m	58.185
22)	Mirex	9.491	10.404	25571974	77019993	54.828	55.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 13:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

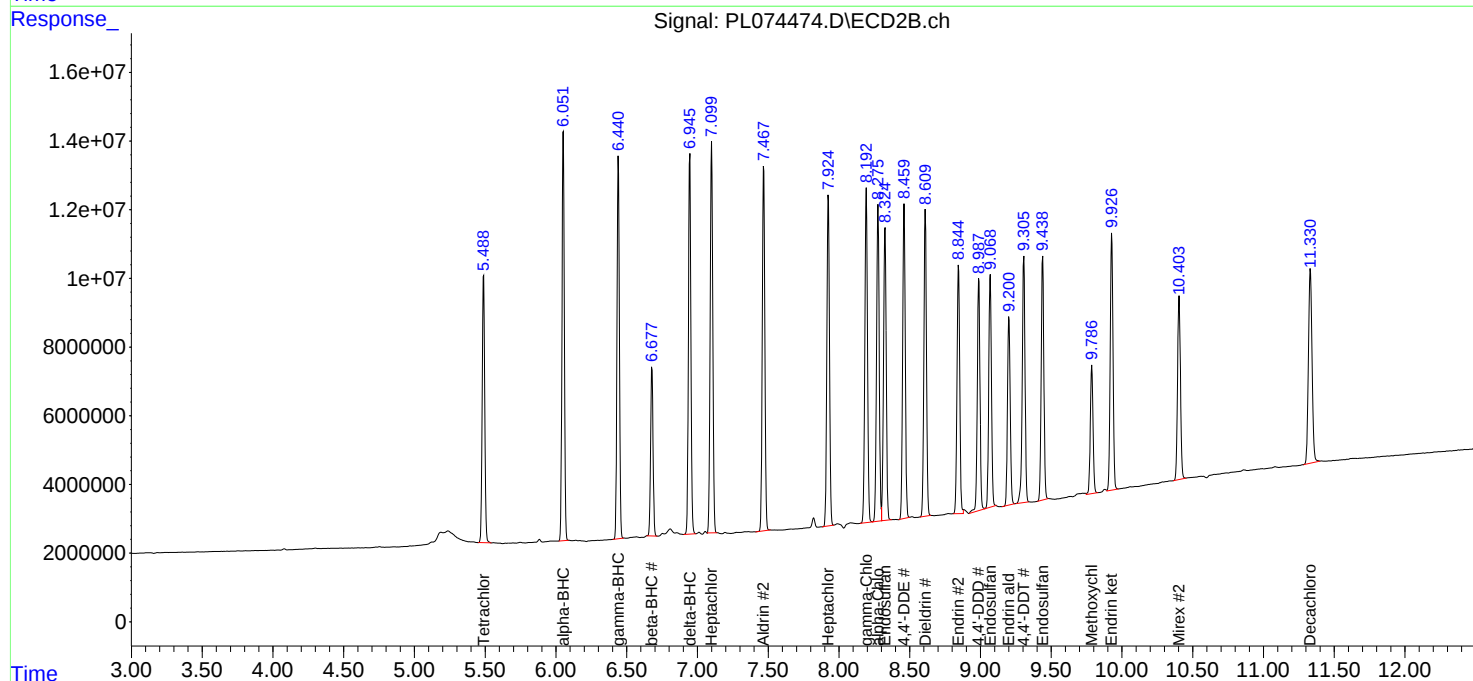
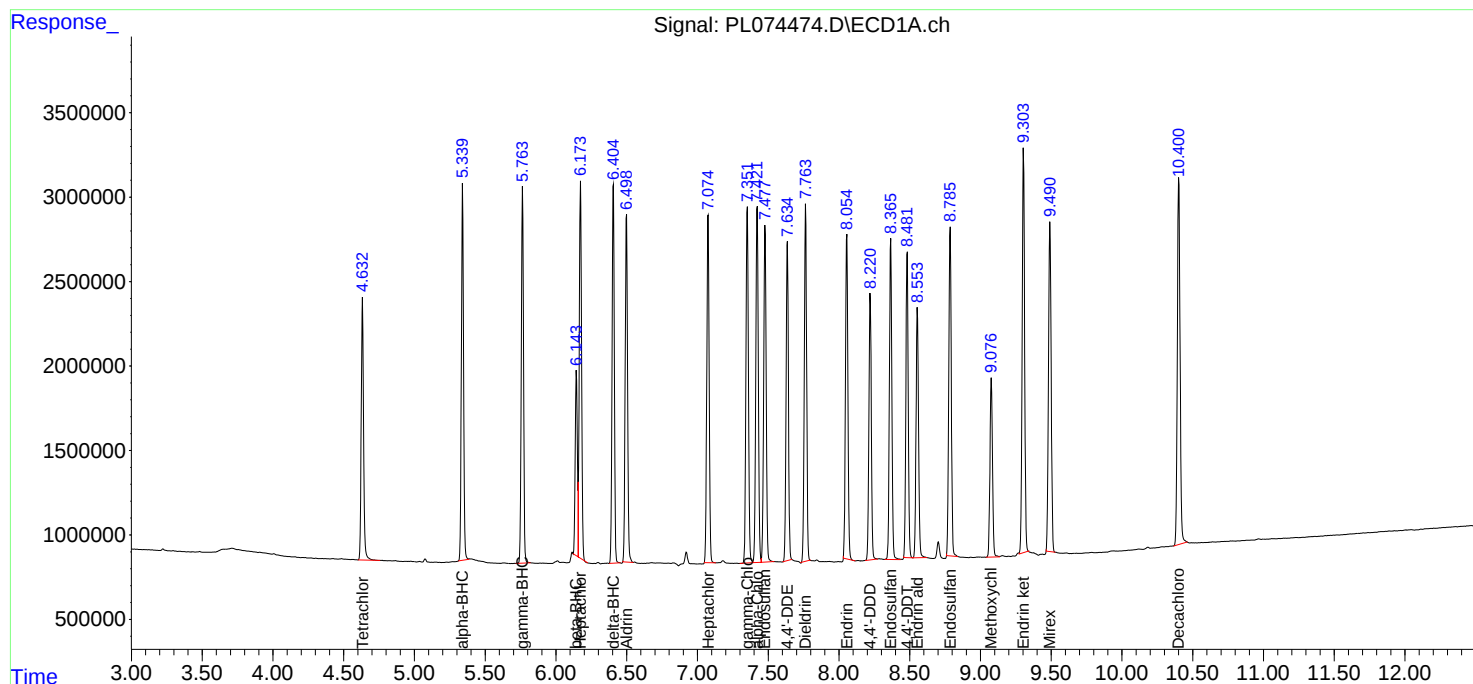
APPROVED

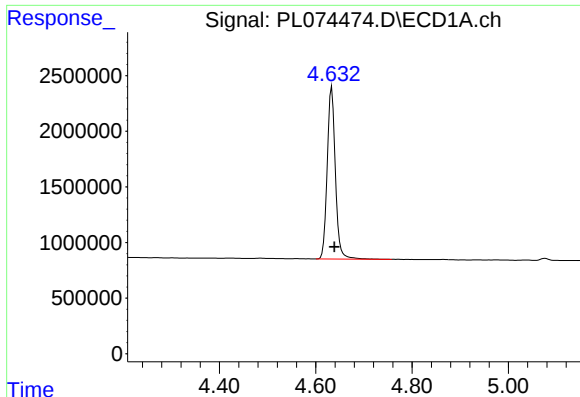
Reviewed By :Abdul Mirza 05/03/2022

Supervised By :mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:00:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
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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





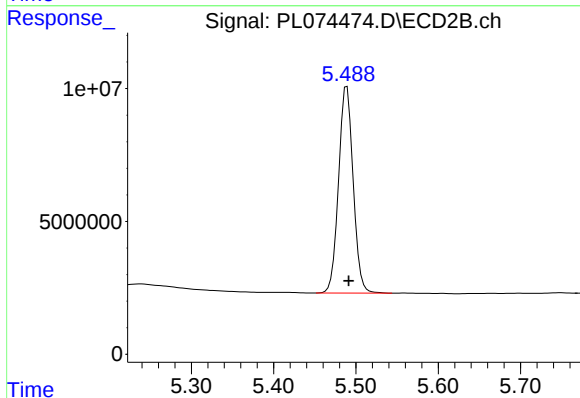
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 18225084
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

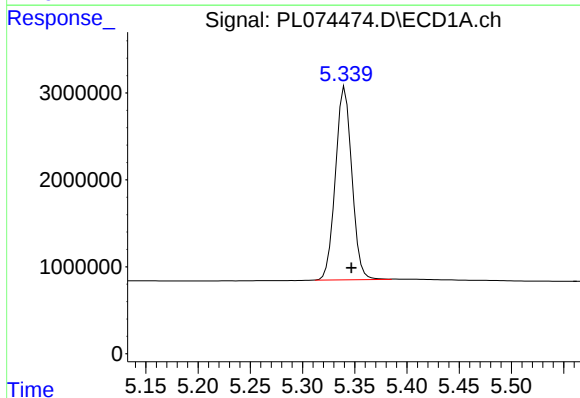
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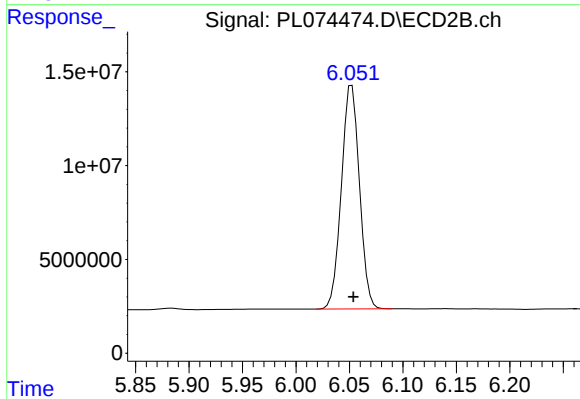
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 95889412
Conc: 53.78 ng/ml



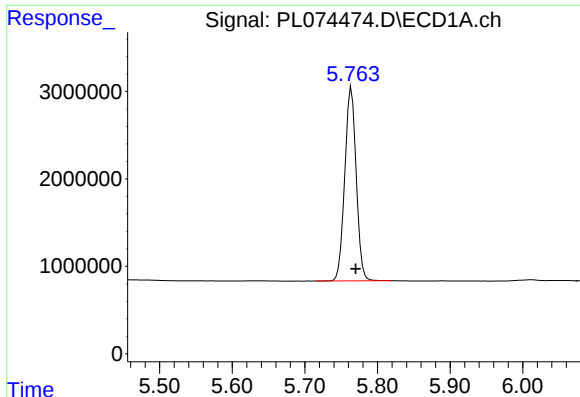
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 24250544
Conc: 57.79 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 140352186
Conc: 55.74 ng/ml



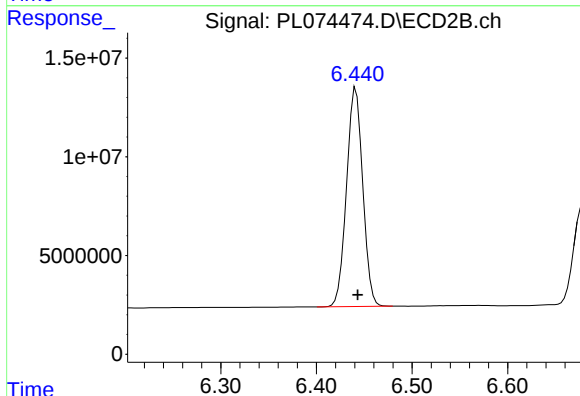
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 24308173
Conc: 57.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

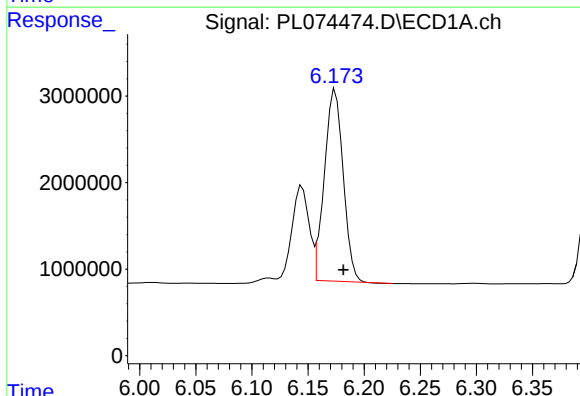
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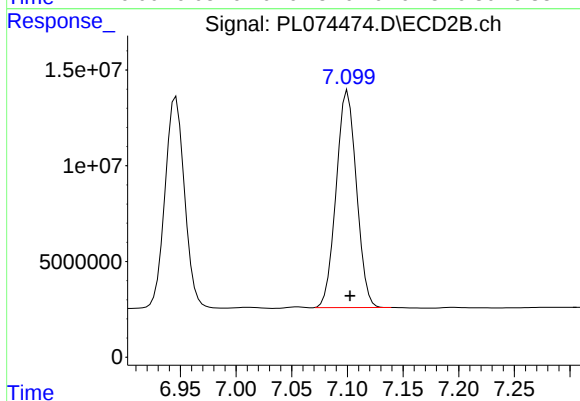
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 131255654
Conc: 55.45 ng/ml



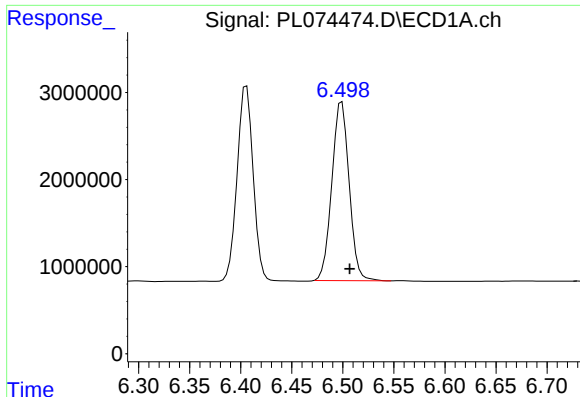
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 25770488
Conc: 57.21 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 143569865
Conc: 55.04 ng/ml



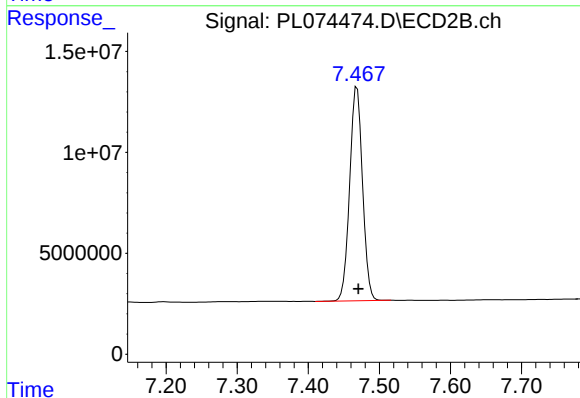
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.008 min
Response: 24219272
Conc: 58.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

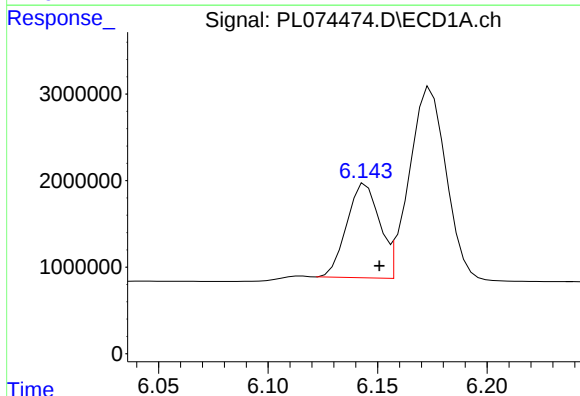
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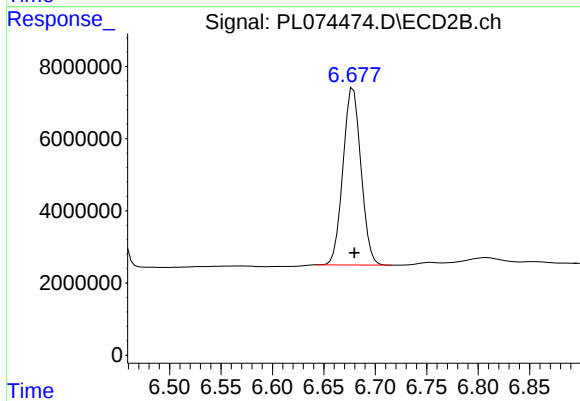
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 133237510
Conc: 56.73 ng/ml



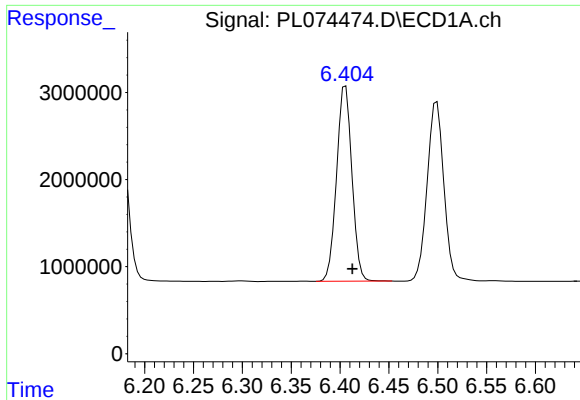
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 11330121
Conc: 55.45 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 59801343
Conc: 53.06 ng/ml



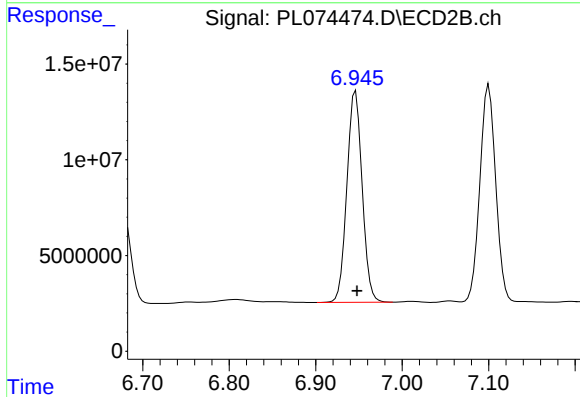
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 24542166
Conc: 59.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

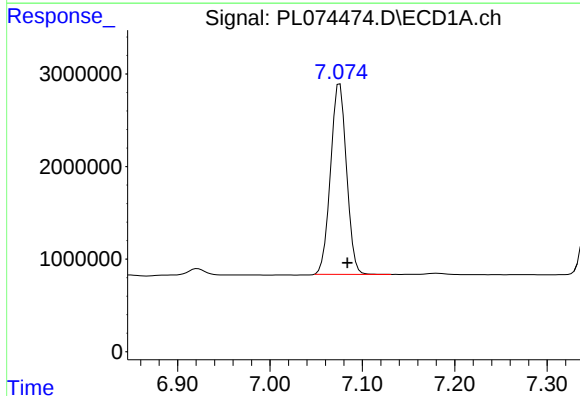
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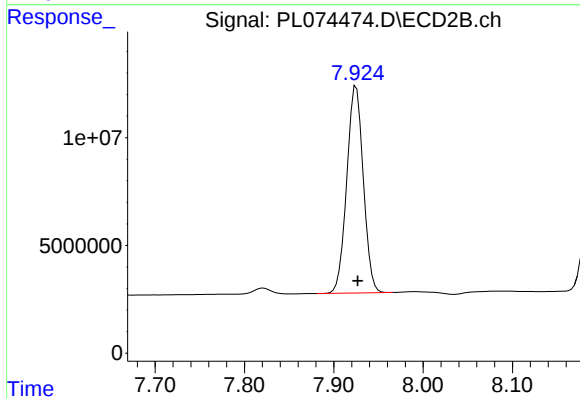
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 134835371
Conc: 55.21 ng/ml



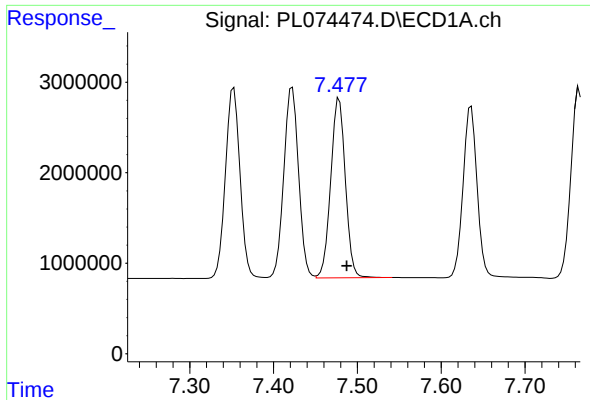
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 24733259
Conc: 57.66 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 123703393
Conc: 54.94 ng/ml



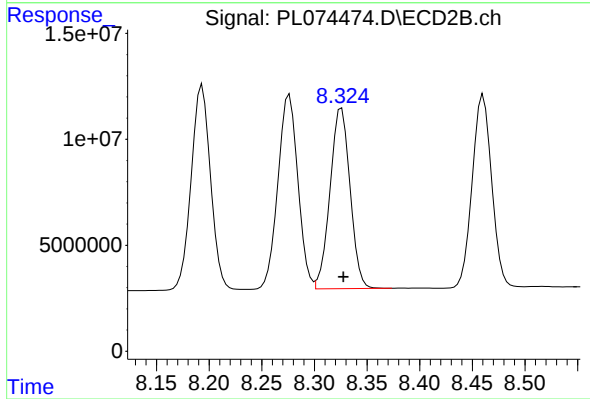
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 24062632
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

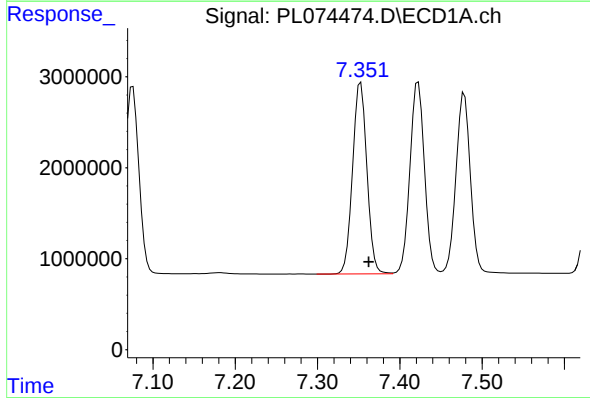
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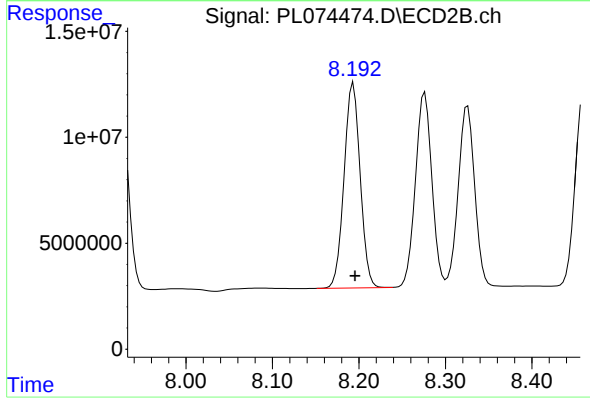
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 112634383
Conc: 57.21 ng/ml



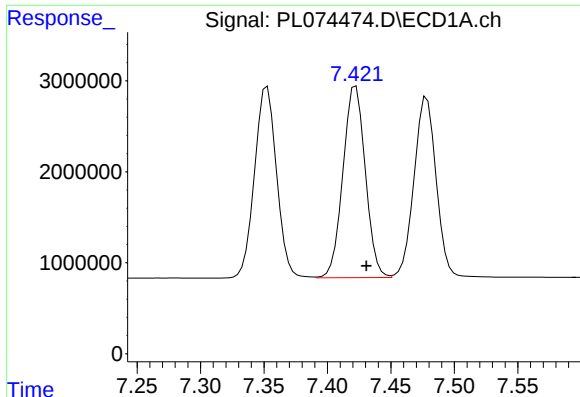
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 25410884
Conc: 57.94 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 124347075
Conc: 55.75 ng/ml



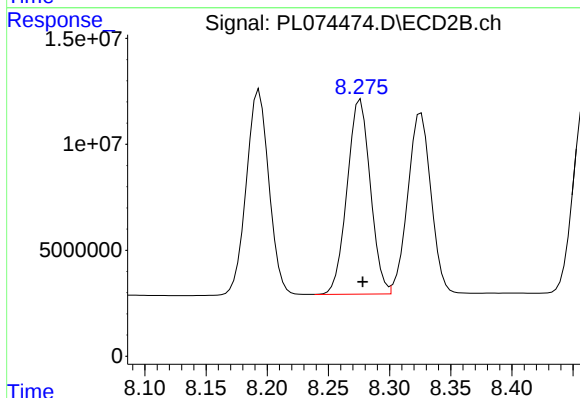
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.008 min
Response: 25783846
Conc: 58.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

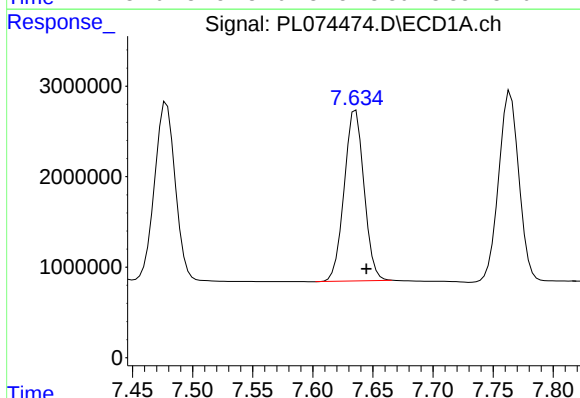
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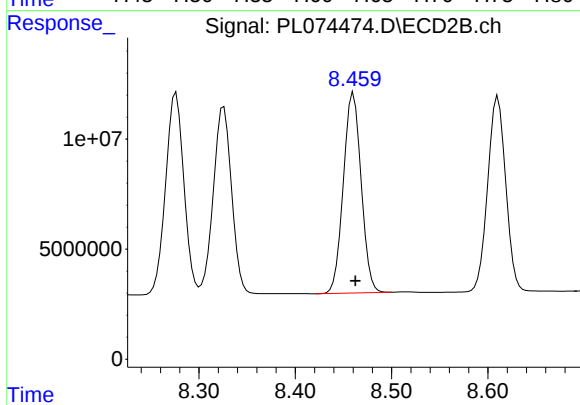
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 121506487
Conc: 56.45 ng/ml



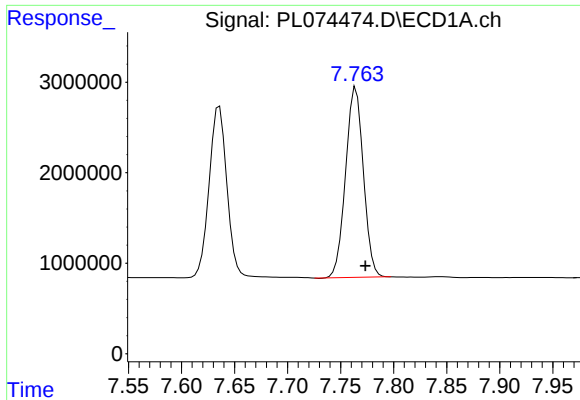
#12 4,4'-DDE

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 21691292
Conc: 59.46 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 116638950
Conc: 58.56 ng/ml



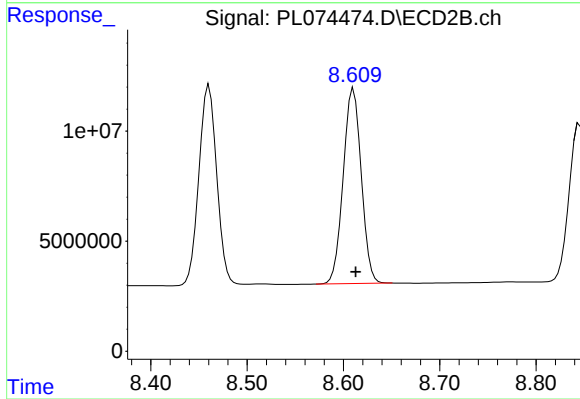
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 24438569
Conc: 56.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

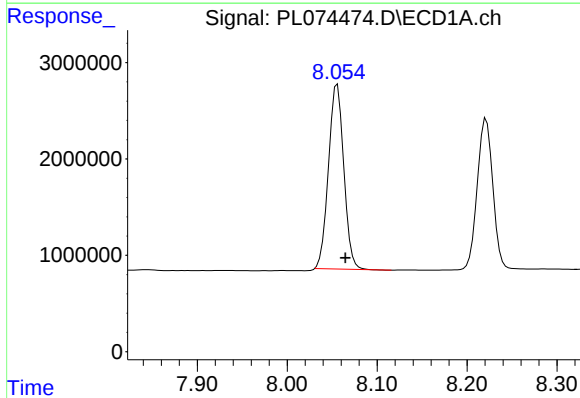
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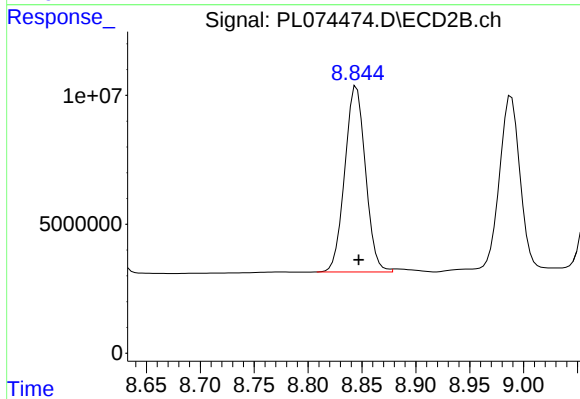
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 115280436
Conc: 57.49 ng/ml



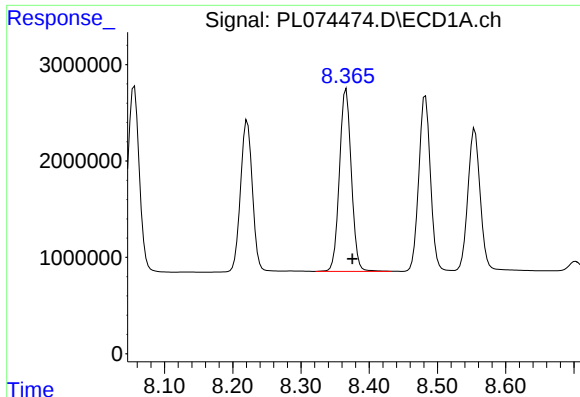
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 22728740
Conc: 55.95 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 96373131
Conc: 56.90 ng/ml



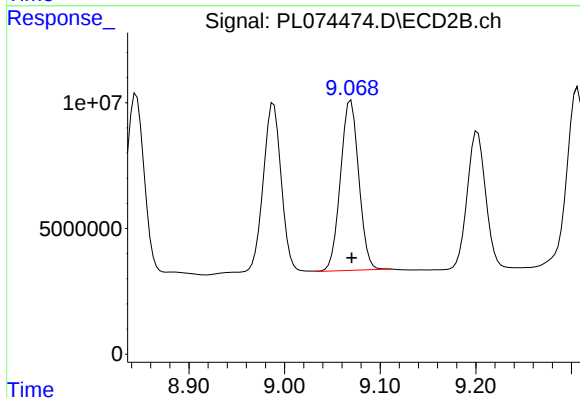
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 22953179
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

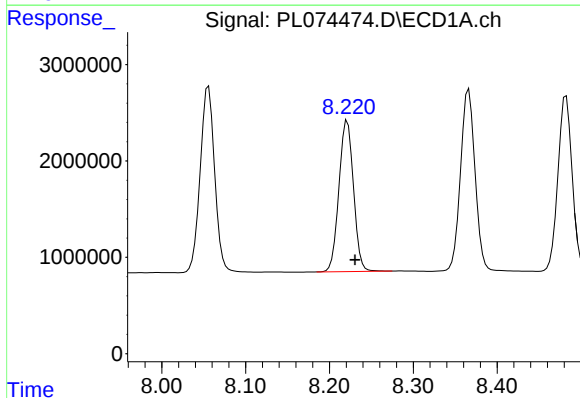
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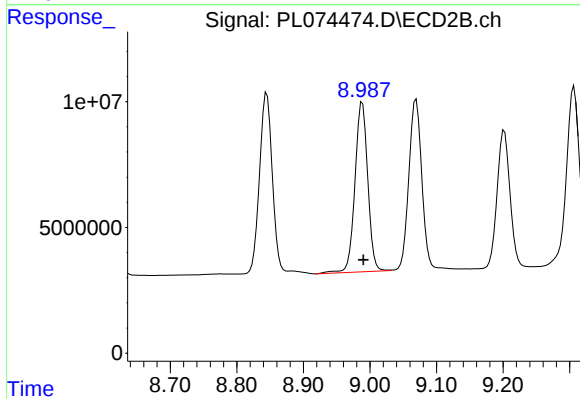
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 90338752
Conc: 52.00 ng/ml



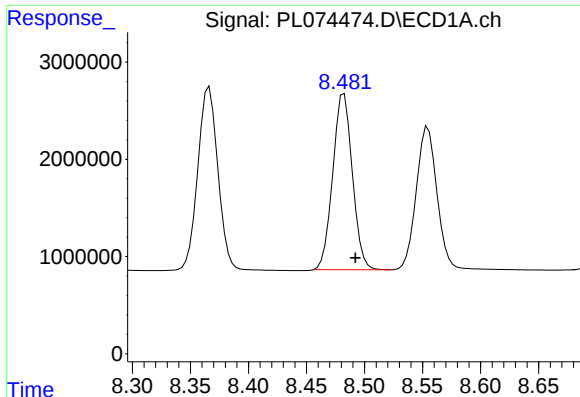
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: -0.009 min
Response: 18929496
Conc: 58.62 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 90350252
Conc: 58.72 ng/ml



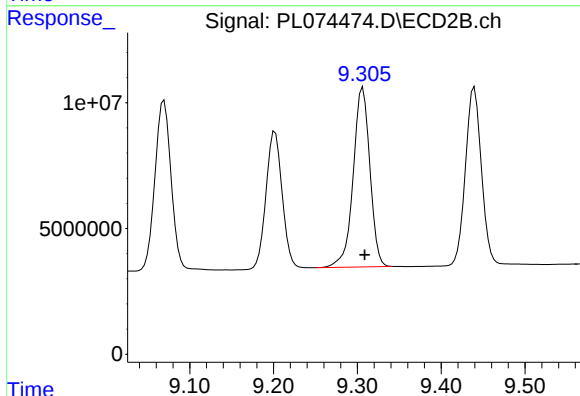
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 21268062
Conc: 57.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

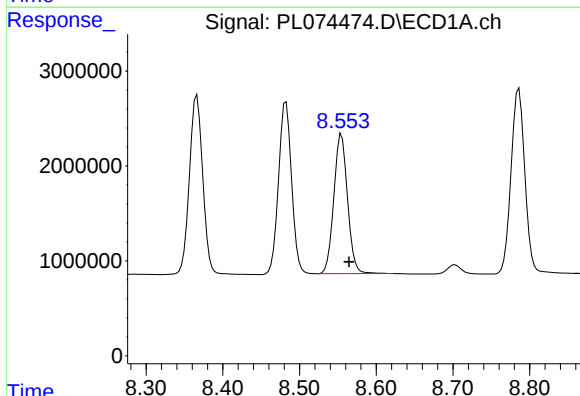
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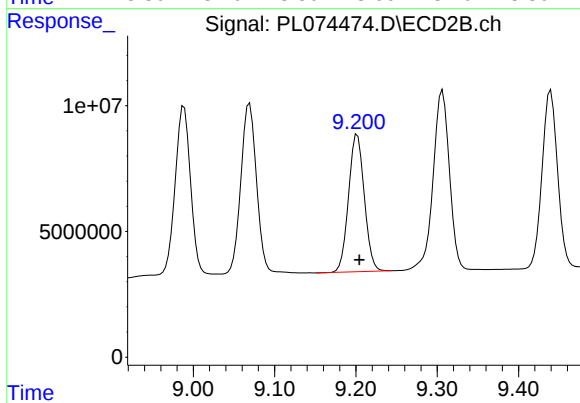
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 98913944
Conc: 55.80 ng/ml



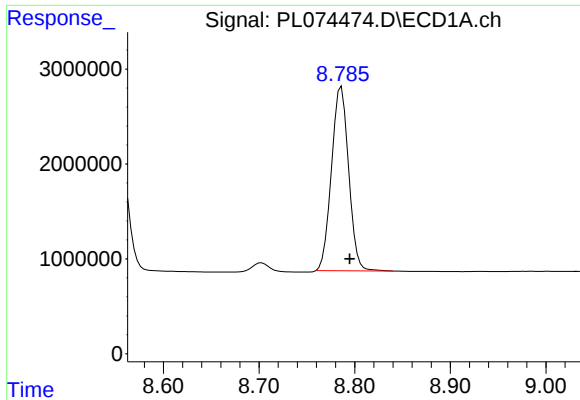
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.010 min
Response: 18288860
Conc: 56.52 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 73109310
Conc: 56.60 ng/ml



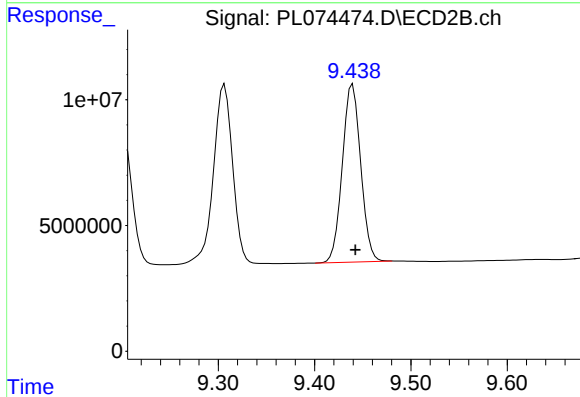
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 24089103
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

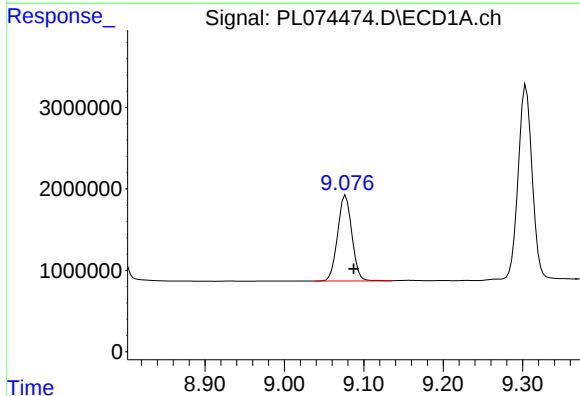
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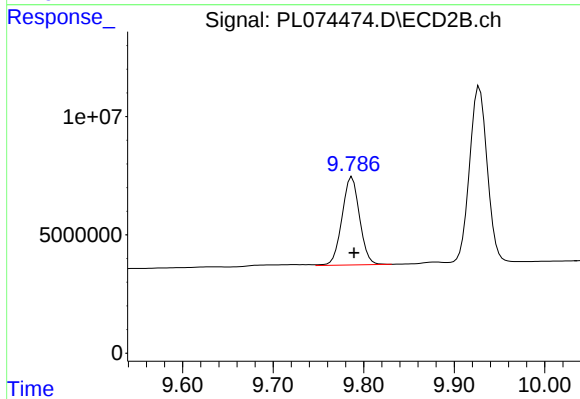
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 93485892
Conc: 56.17 ng/ml



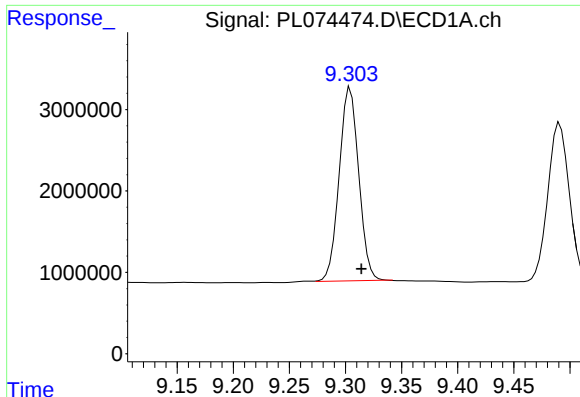
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 13180314
Conc: 53.09 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 50070301
Conc: 52.06 ng/ml



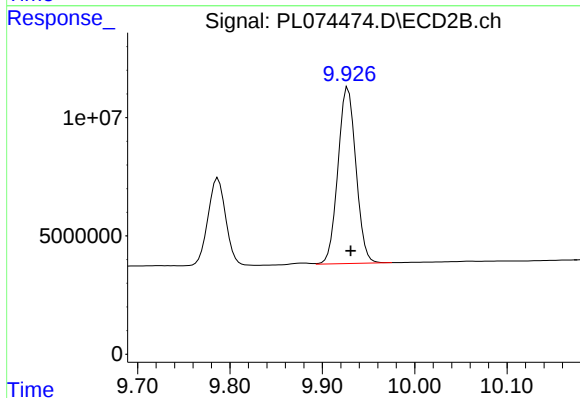
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 28804398
Conc: 58.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

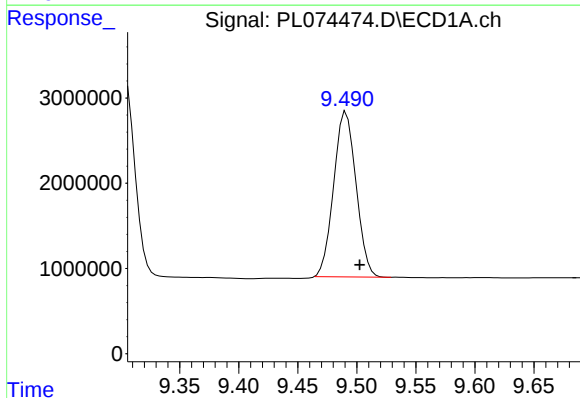
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



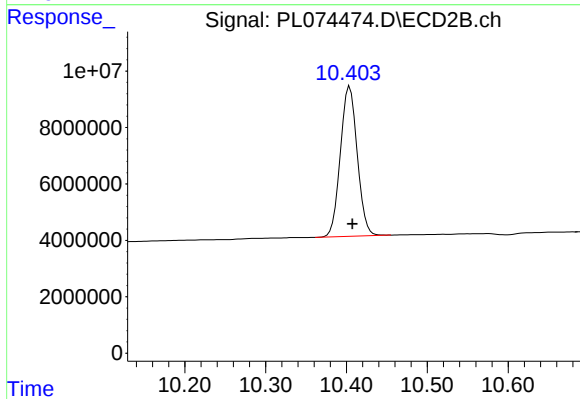
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 100715693
Conc: 58.19 ng/ml



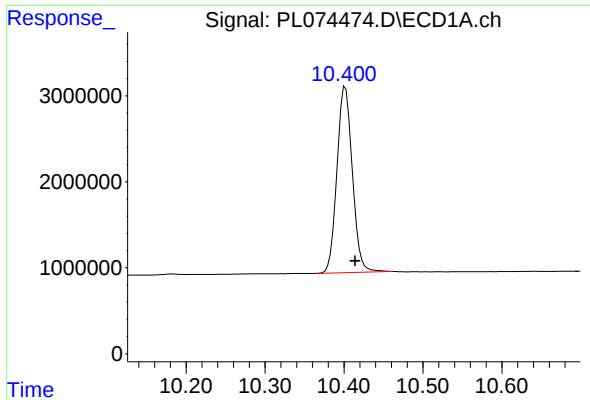
#22 Mirex

R.T.: 9.491 min
Delta R.T.: -0.012 min
Response: 25571974
Conc: 54.83 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 77019993
Conc: 55.92 ng/ml



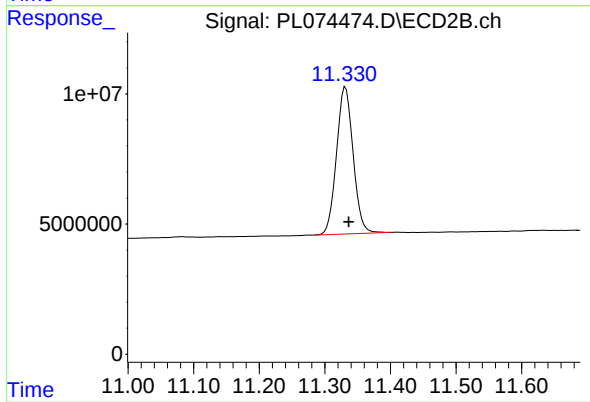
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 29345251
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 99530110
Conc: 56.35 ng/ml