

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 16:31
 Operator : AR\AJ
 Sample : PB143539BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143539BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:30:10 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...	4.647	5.489	6419488	34827401	20.043	21.220
28)	SA Decachlor...	10.418	11.333	11317333	39279636	22.256	21.966
Target Compounds							
2)	A alpha-BHC	5.355	6.053	21220761	126.1E6	51.481	56.069
3)	MA gamma-BHC...	5.778	6.442	21230145	118.2E6	50.895	55.361
4)	MA Heptachlor	6.189	7.102	23374319	126.0E6	51.805	53.772
5)	MB Aldrin	6.515	7.470	22141328	118.7E6	53.589	56.644
6)	B beta-BHC	6.158	6.678	10443272	50813464	50.721	48.748
7)	B delta-BHC	6.419	6.946	21263254	115.9E6	52.940	53.802
8)	B Heptachlo...	7.091	7.926	22508668	109.3E6	52.227	54.718
9)	A Endosulfan I	7.494	8.327	21258086	96996968	51.821	53.138
10)	B gamma-Chl...	7.368	8.194	23088499	111.1E6	52.798	54.401
11)	B alpha-Chl...	7.438	8.277	23274569	107.7E6	52.665	53.869
12)	B 4,4'-DDE	7.652	8.461	19267403	98712923	53.694	55.074
13)	MA Dieldrin	7.780	8.612	22779987	103.1E6	54.678	55.899
14)	MA Endrin	8.071	8.846	22435103	87880844	57.822	57.087
15)	B Endosulfa...	8.381	9.070	22080430	86408016	56.489	56.261
16)	A 4,4'-DDD	8.237	8.989	17132449	77098490	52.758	52.818
17)	MA 4,4'-DDT	8.498	9.307	20157786	85306139	53.302	52.190
18)	B Endrin al...	8.570	9.201	18355137	71862525	58.040	58.601m
19)	B Endosulfa...	8.801	9.440	22695669	83564483	53.727	53.021
20)	A Methoxychlor	9.093	9.787	13721856	47296508	53.489	52.489
21)	B Endrin ke...	9.320	9.929	26082185	86524149	53.313	52.420
22)	Mirex	9.507	10.405	26763687	77984505	56.755	57.407

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 16:31
 Operator : AR\AJ
 Sample : PB143539BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

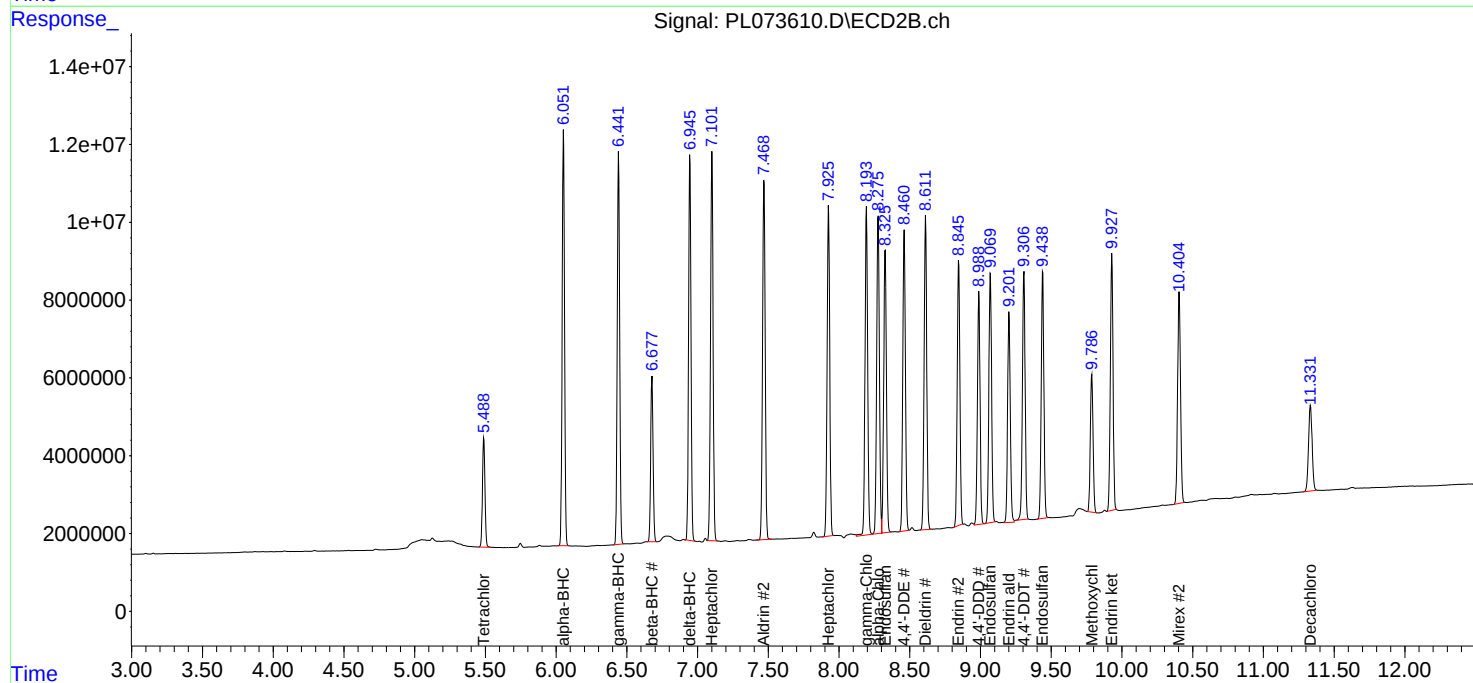
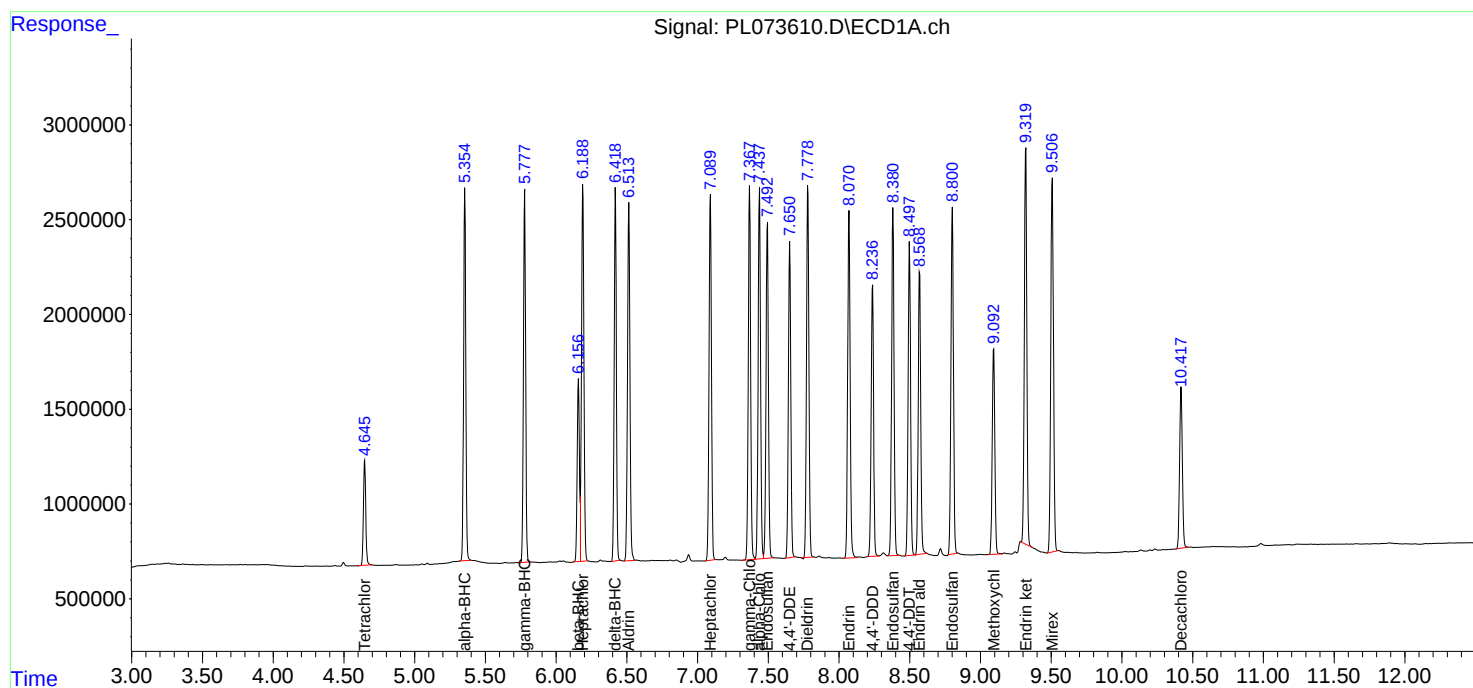
Instrument :
 ECD_L
 ClientSampleId :
 PB143539BSD

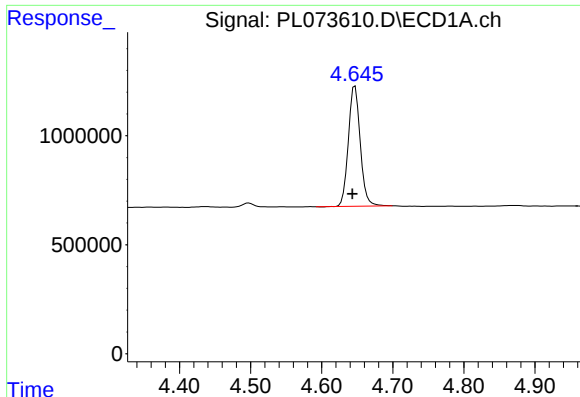
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/24/2022
 Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:30:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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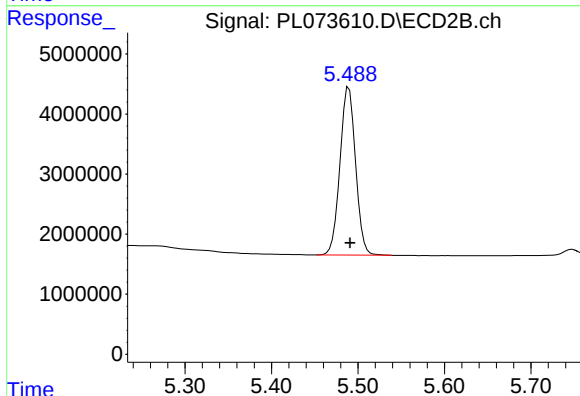
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 6419488
Conc: 20.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

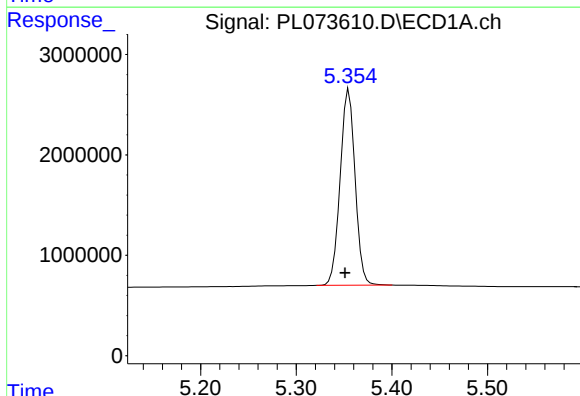
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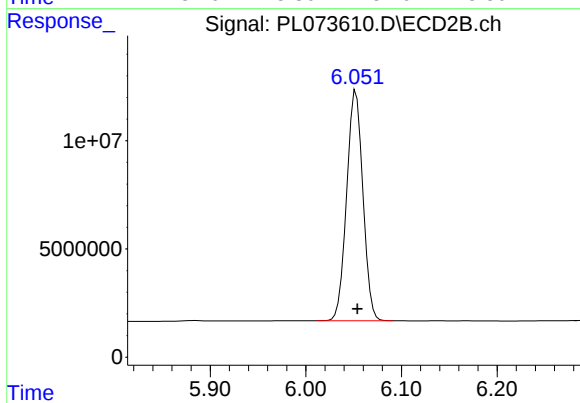
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 34827401
Conc: 21.22 ng/ml



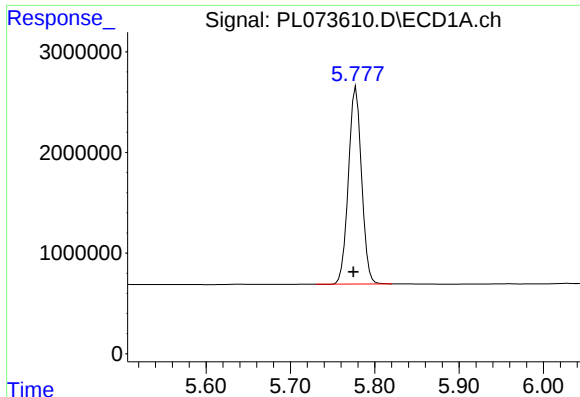
#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: 0.004 min
Response: 21220761
Conc: 51.48 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 126135822
Conc: 56.07 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 21230145
Conc: 50.89 ng/ml

Instrument :

ECD_L

ClientSampleId :

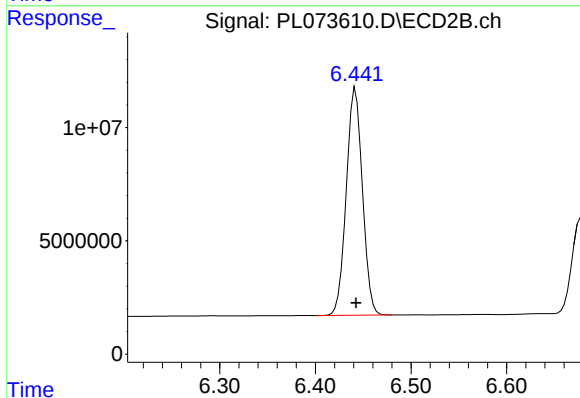
PB143539BSD

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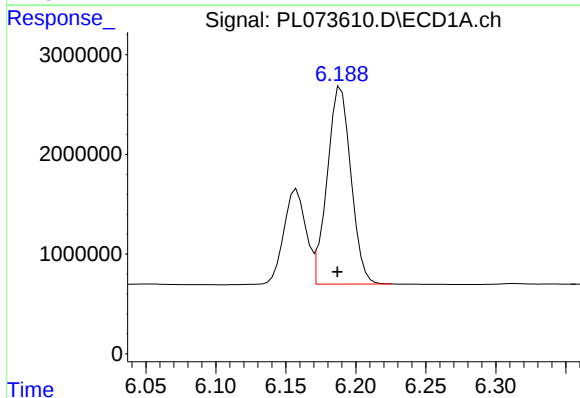
Reviewed By :Abdul Mirza 03/24/2022

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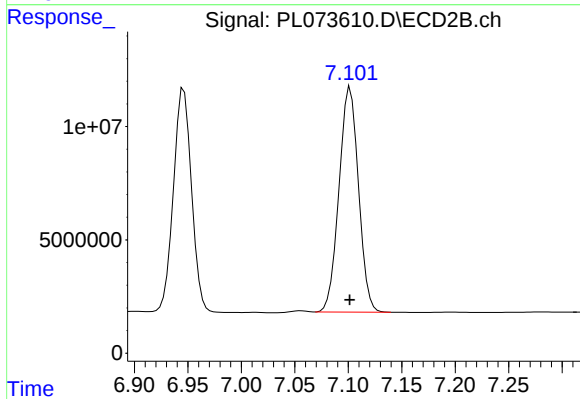
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 118201321
Conc: 55.36 ng/ml



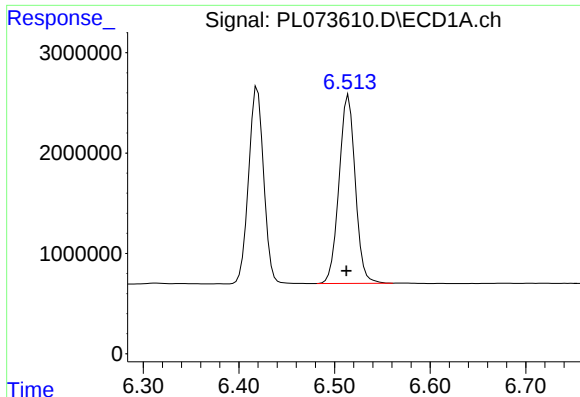
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.002 min
Response: 23374319
Conc: 51.80 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 125991623
Conc: 53.77 ng/ml



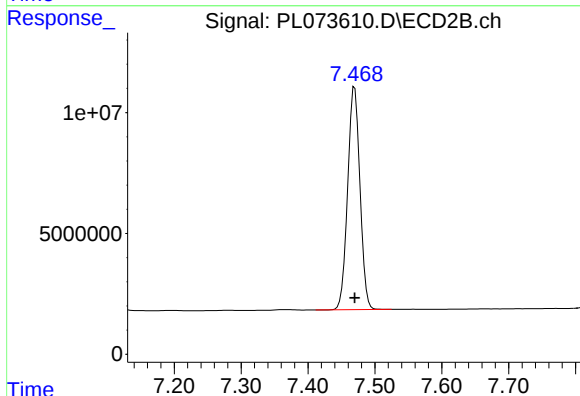
#5 Aldrin

R.T.: 6.515 min
Delta R.T.: 0.002 min
Response: 22141328
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

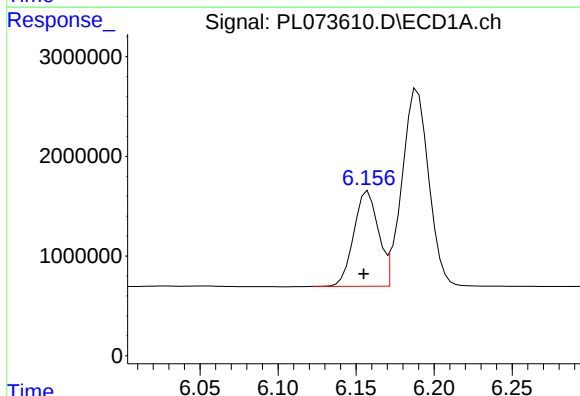
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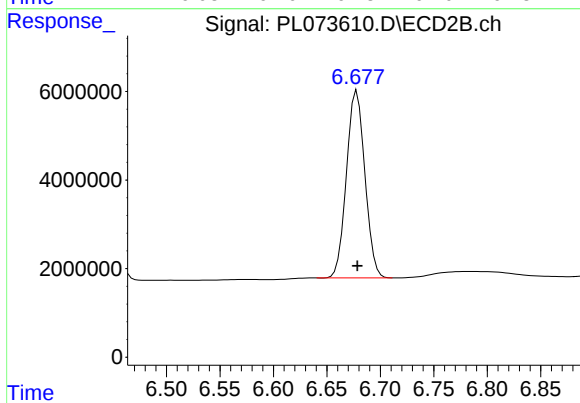
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 118668270
Conc: 56.64 ng/ml



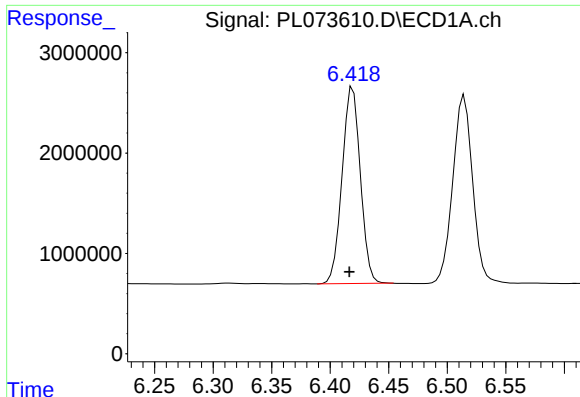
#6 beta-BHC

R.T.: 6.158 min
Delta R.T.: 0.003 min
Response: 10443272
Conc: 50.72 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 50813464
Conc: 48.75 ng/ml



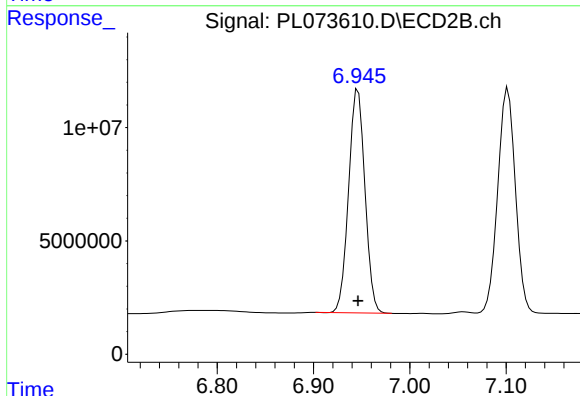
#7 delta-BHC

R.T.: 6.419 min
Delta R.T.: 0.003 min
Response: 21263254
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

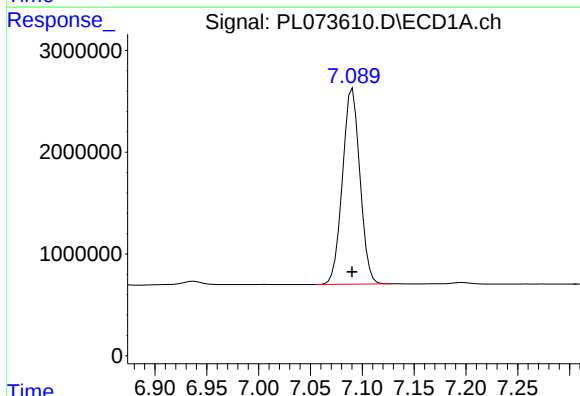
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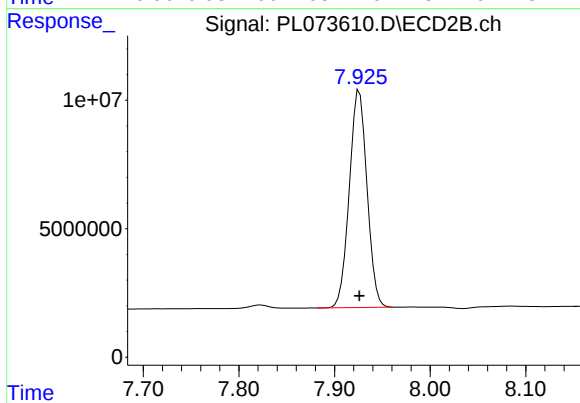
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 115866353
Conc: 53.80 ng/ml



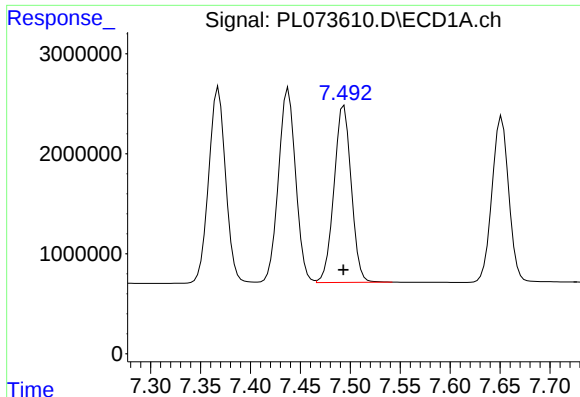
#8 Heptachlor epoxide

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 22508668
Conc: 52.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 109289138
Conc: 54.72 ng/ml



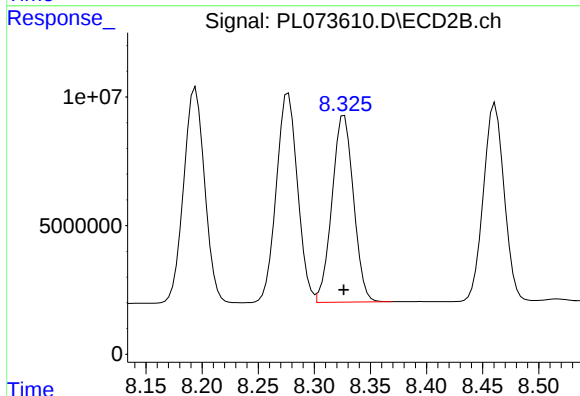
#9 Endosulfan I

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 21258086
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

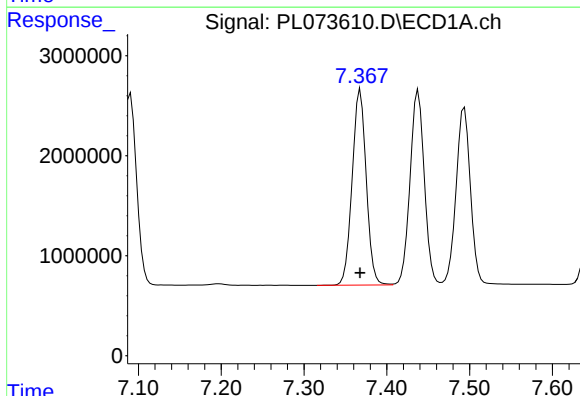
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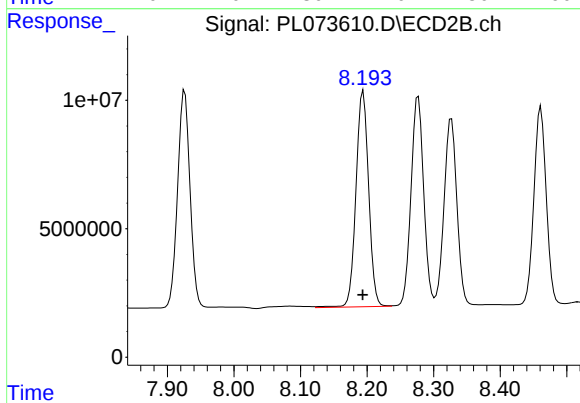
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 96996968
Conc: 53.14 ng/ml



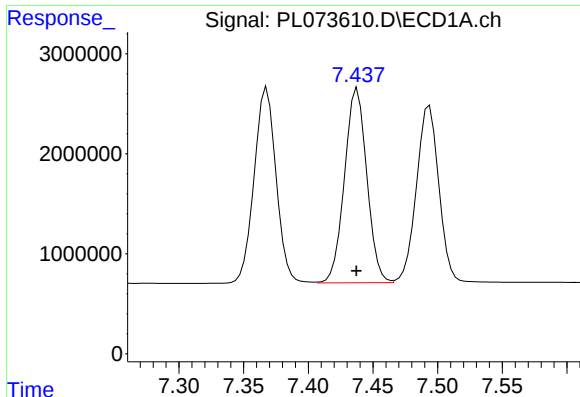
#10 gamma-Chlordane

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 23088499
Conc: 52.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 111108935
Conc: 54.40 ng/ml



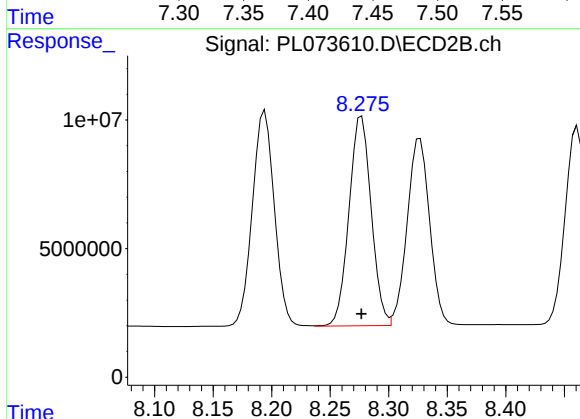
#11 alpha-Chlordane

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 23274569
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

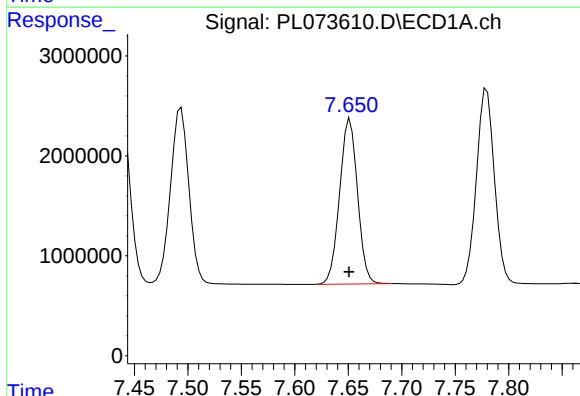
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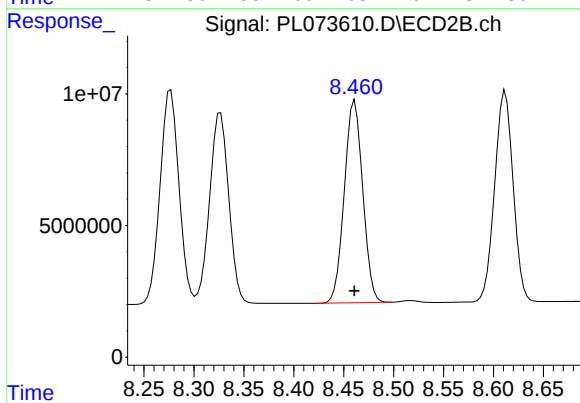
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 107739205
Conc: 53.87 ng/ml



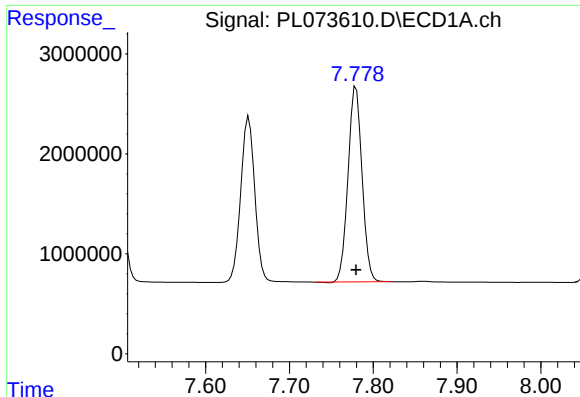
#12 4,4'-DDE

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 19267403
Conc: 53.69 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 98712923
Conc: 55.07 ng/ml



#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 22779987
Conc: 54.68 ng/ml

Instrument :

ECD_L

ClientSampleId :

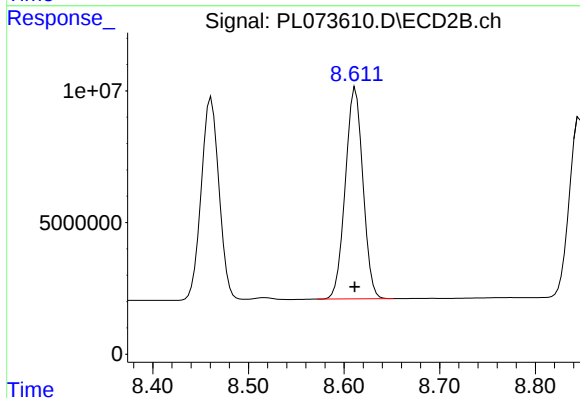
PB143539BSD

Manual Integrations

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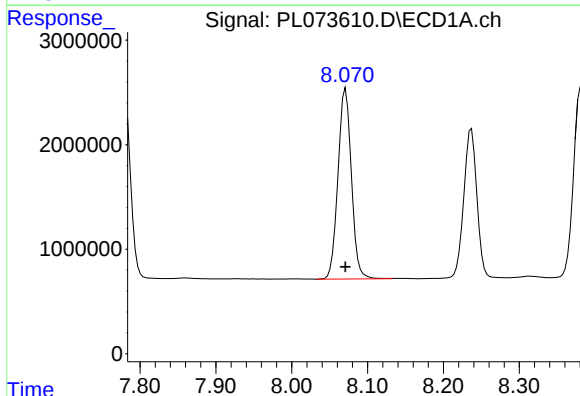
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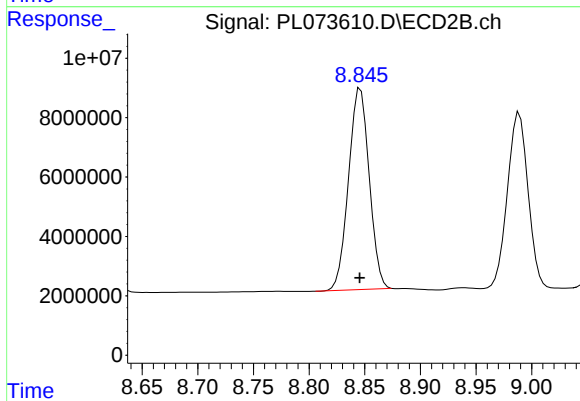
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 103119001
Conc: 55.90 ng/ml



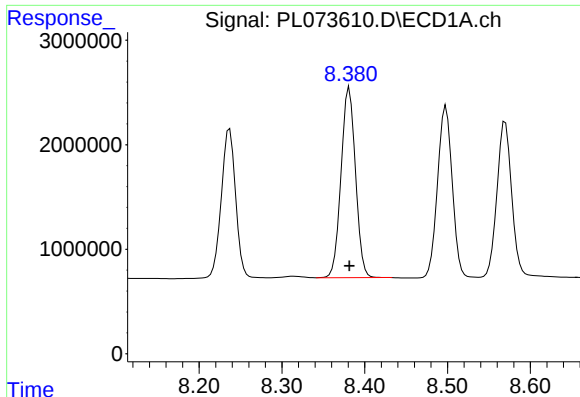
#14 Endrin

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 22435103
Conc: 57.82 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 87880844
Conc: 57.09 ng/ml



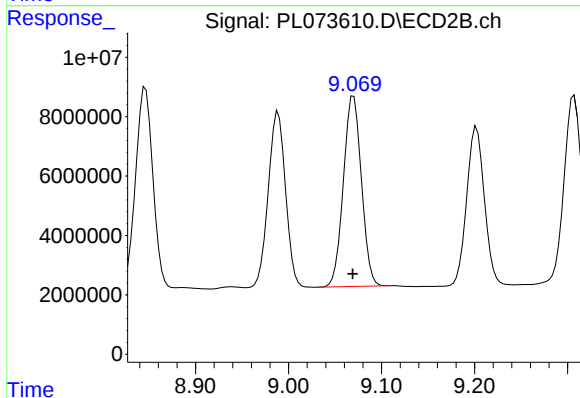
#15 Endosulfan II

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 22080430
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

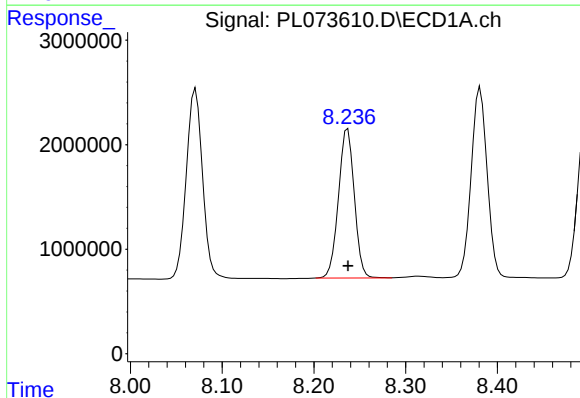
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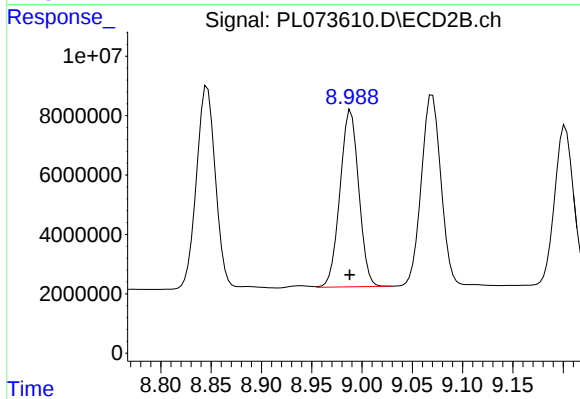
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 86408016
Conc: 56.26 ng/ml



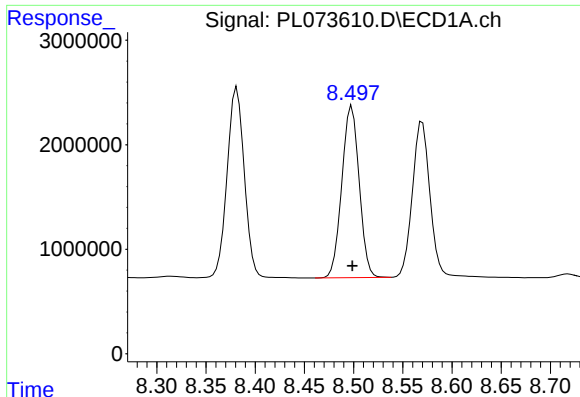
#16 4,4'-DDD

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 17132449
Conc: 52.76 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 77098490
Conc: 52.82 ng/ml



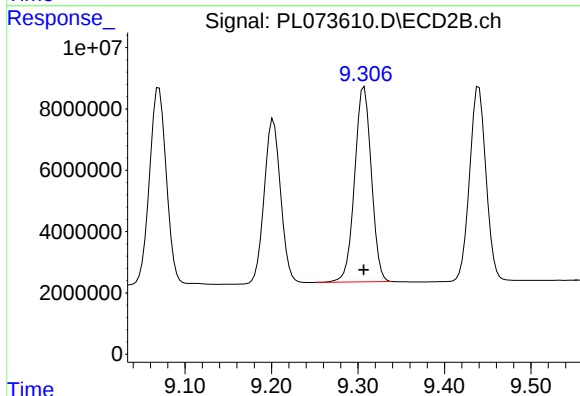
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 20157786
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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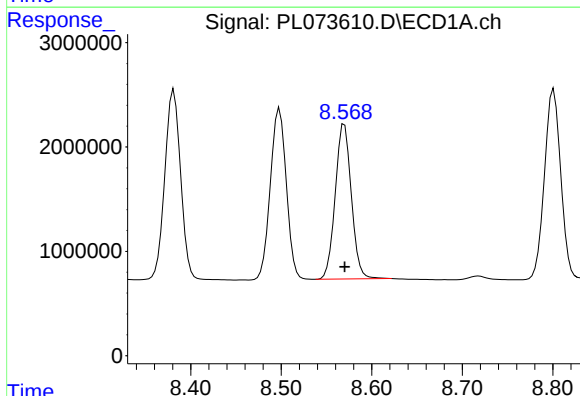
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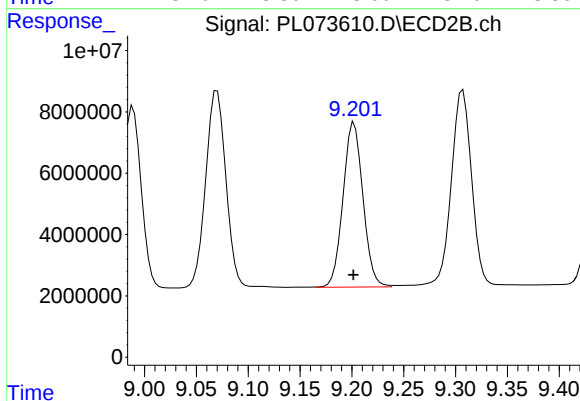
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 85306139
Conc: 52.19 ng/ml



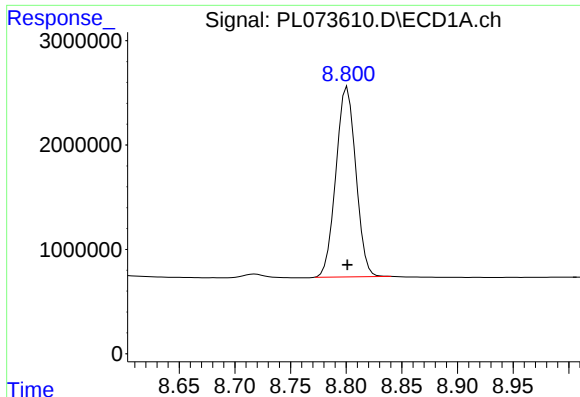
#18 Endrin aldehyde

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 18355137
Conc: 58.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 71862525
Conc: 58.60 ng/ml m



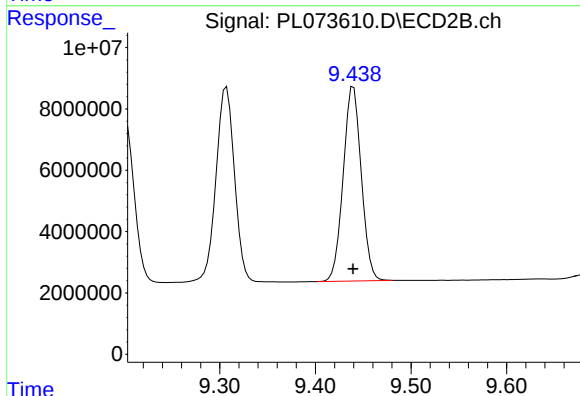
#19 Endosulfan Sulfate

R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 22695669
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

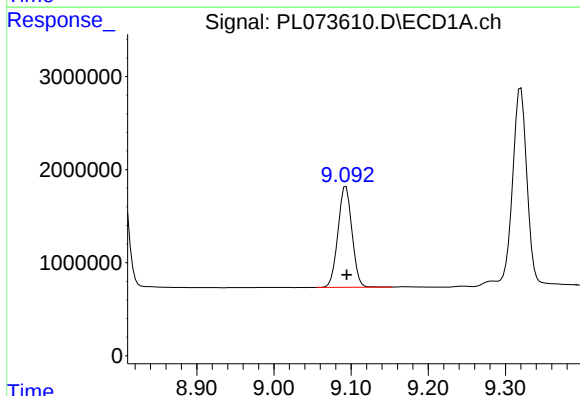
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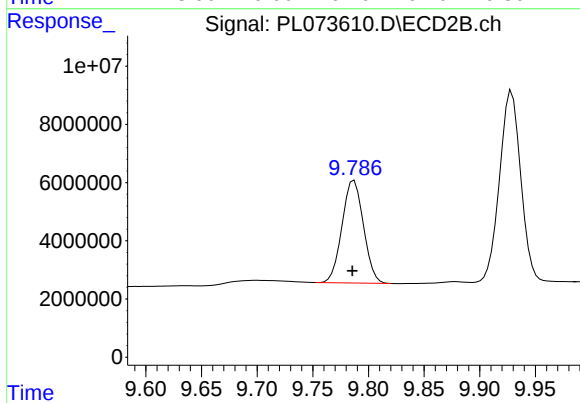
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 83564483
Conc: 53.02 ng/ml



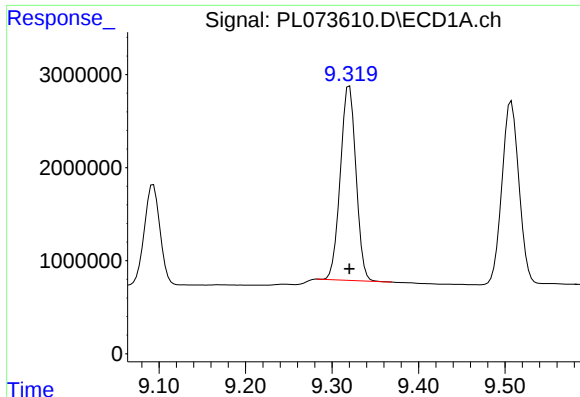
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.001 min
Response: 13721856
Conc: 53.49 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 47296508
Conc: 52.49 ng/ml



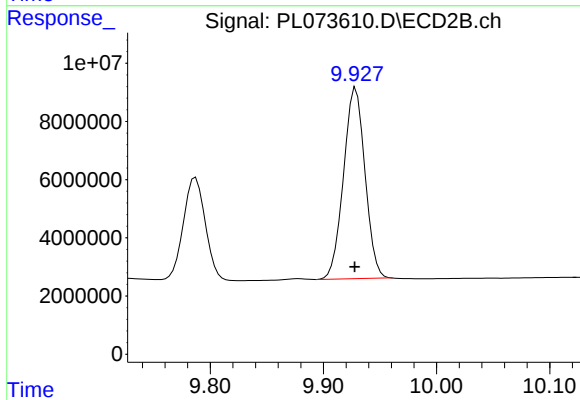
#21 Endrin ketone

R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 26082185
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143539BSD

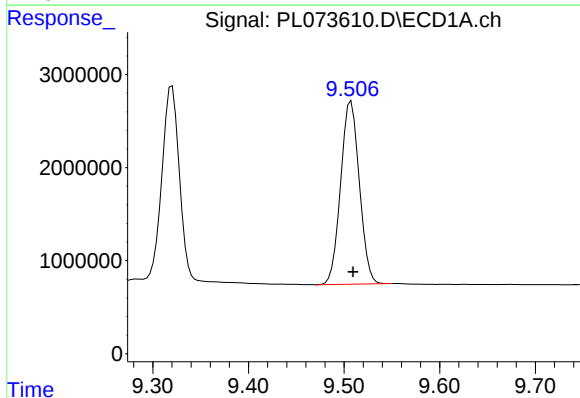
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APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



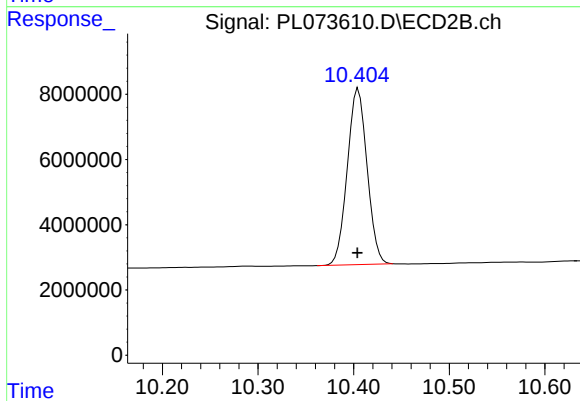
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 86524149
Conc: 52.42 ng/ml



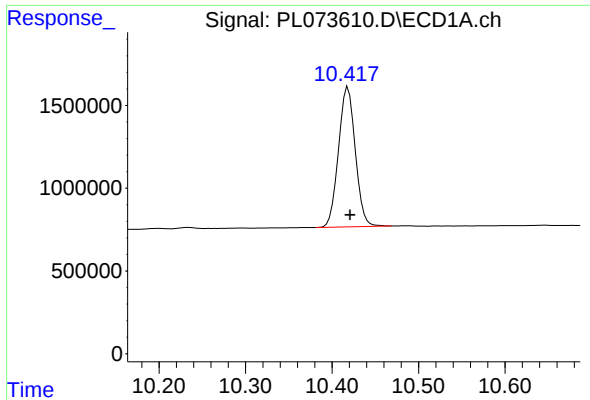
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 26763687
Conc: 56.76 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 77984505
Conc: 57.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 11317333
Conc: 22.26 ng/ml

Instrument :

ECD_L

ClientSampleId :

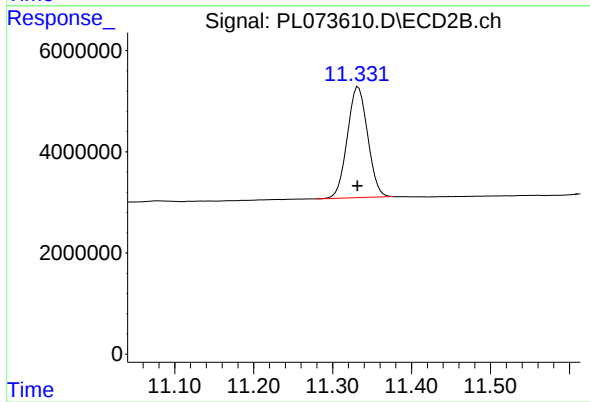
PB143539BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 39279636
Conc: 21.97 ng/ml