

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 16:43
 Operator : AR\AJ
 Sample : N2202-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHFMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:49:21 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	6045273	34377451	18.875	20.946
2) SA Decachlor...	10.416	11.336	9222057	30782205	18.136	17.214
Target Compounds						
2) A alpha-BHC	5.349	6.055	22156174	142.3E6	53.751	63.241
3) MA gamma-BHC...	5.773	6.444	21985467	131.3E6	52.706	61.487
4) MA Heptachlor	6.185	7.104	23302469	139.9E6	51.646	59.719
5) MB Aldrin	6.510	7.471	22223740	133.1E6	53.788	63.525
6) B beta-BHC	6.153	6.680	10649571	56394511	51.723	54.102
7) B delta-BHC	6.415	6.948	21852532	132.1E6	54.407	61.357
8) B Heptachlo...	7.087	7.928	22075971	118.4E6	51.223	59.258
9) A Endosulfan I	7.490	8.328	20884223	105.4E6	50.910	57.741
10) B gamma-Chl...	7.364	8.196	22748865	122.4E6	52.021	59.923
11) B alpha-Chl...	7.434	8.279	22798036	119.1E6	51.587	59.574
12) B 4,4'-DDE	7.649	8.463	18895336	108.1E6	52.657	60.305
13) MA Dieldrin	7.777	8.613	22377020	114.2E6	53.710	61.905
14) MA Endrin	8.068	8.848	21975204	94016449	56.636	61.073
15) B Endosulfa...	8.379	9.072	21729152	89848493	55.591	58.501
16) A 4,4'-DDD	8.234	8.989	16487239	83492952	50.771	57.198m
17) MA 4,4'-DDT	8.495	9.309	19659603	91774203	51.984	56.147
18) B Endrin al...	8.568	9.203	17627265	73774825	55.739	60.160m
19) B Endosulfa...	8.798	9.442	21656227	87686670	51.267	55.636
20) A Methoxychlor	9.091	9.789	13065649	49001978	50.931	54.382
21) B Endrin ke...	9.318	9.931	25340198	90070516	51.797	54.569
22) Mirex	9.506	10.408	23281602	70801150	49.371	52.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
Data File : PL073765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2022 16:43
Operator : AR\AJ
Sample : N2202-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

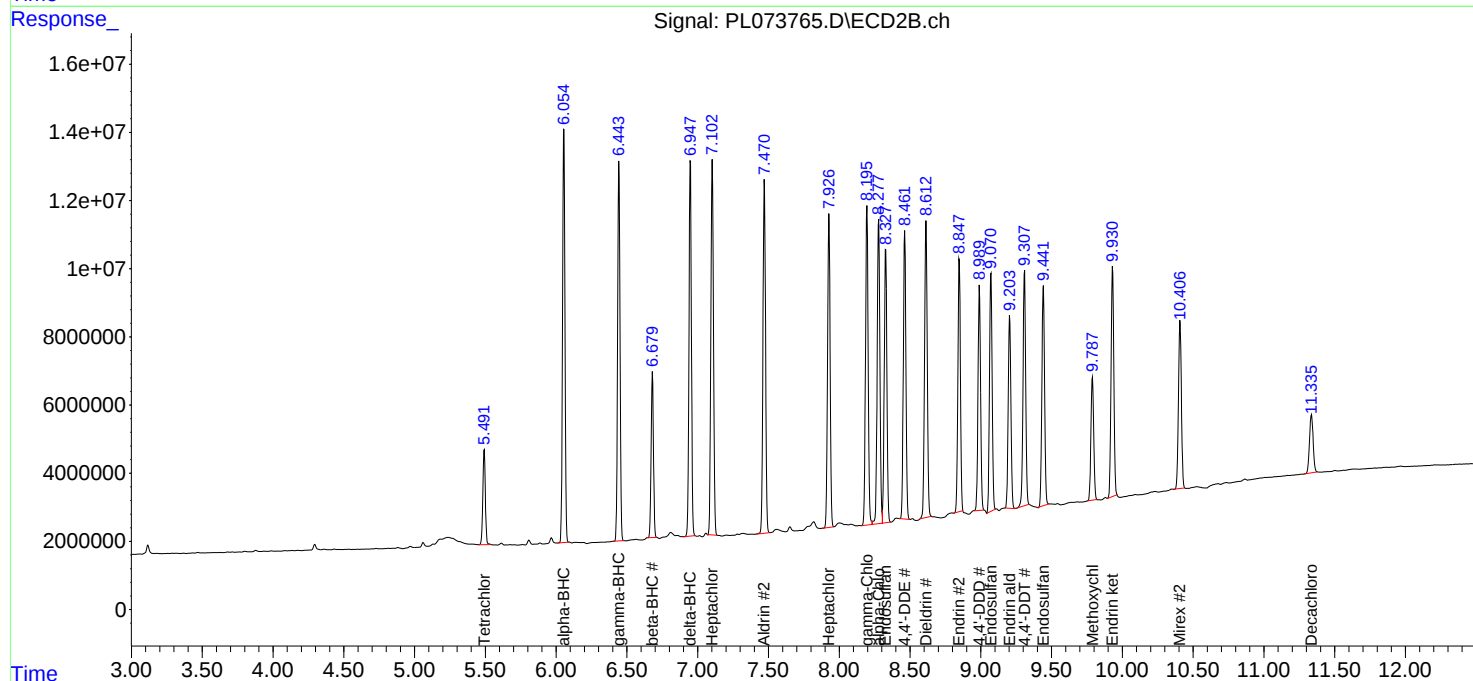
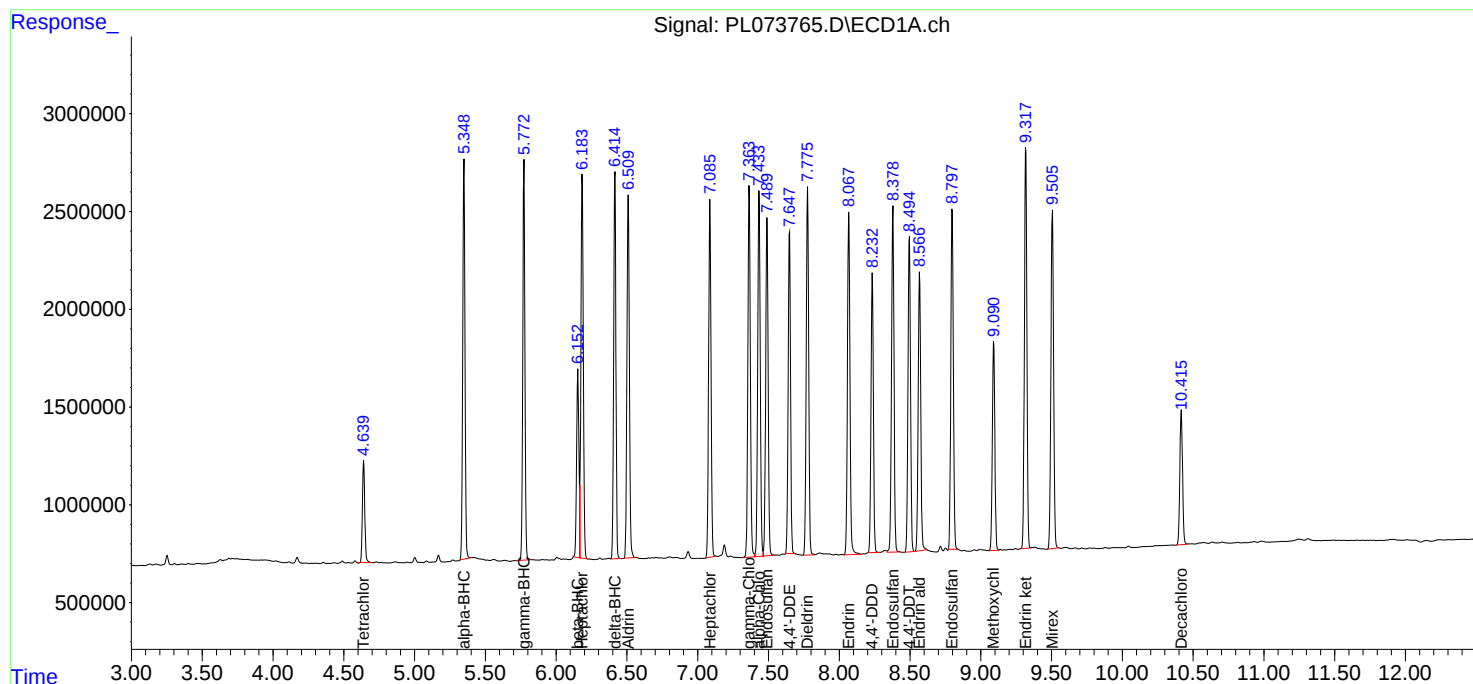
Instrument :
ECD_L
ClientSampleId :
MHFMS

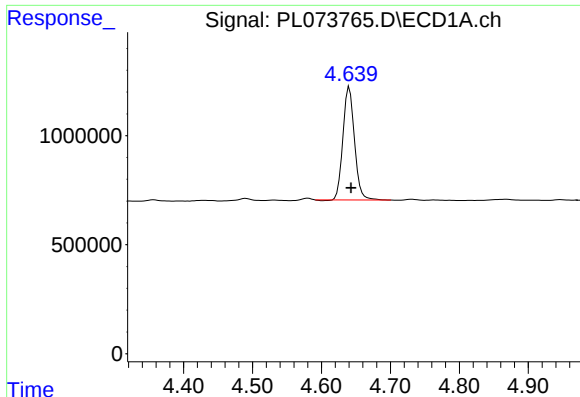
Manual Integrations
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Reviewed By :Abdul Mirza 04/01/2022
Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 01:49:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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Volume Inj. : 1 µl
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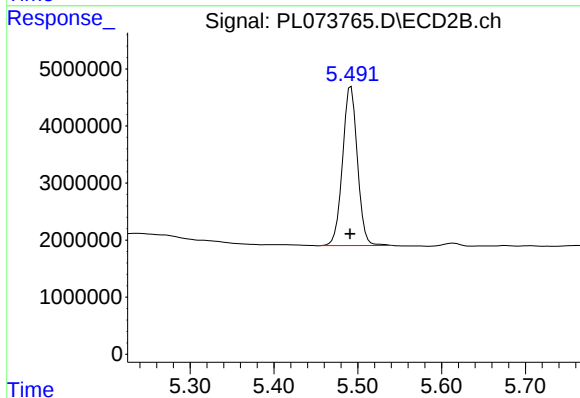
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6045273
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

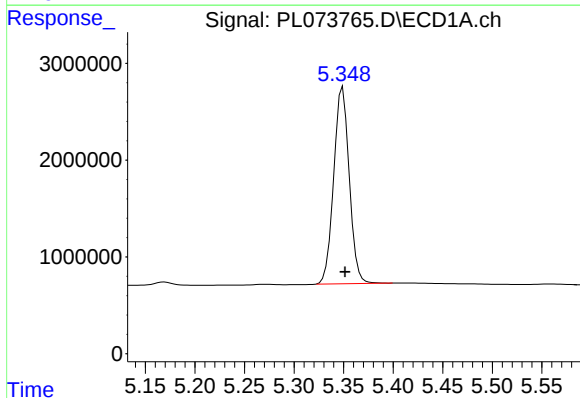
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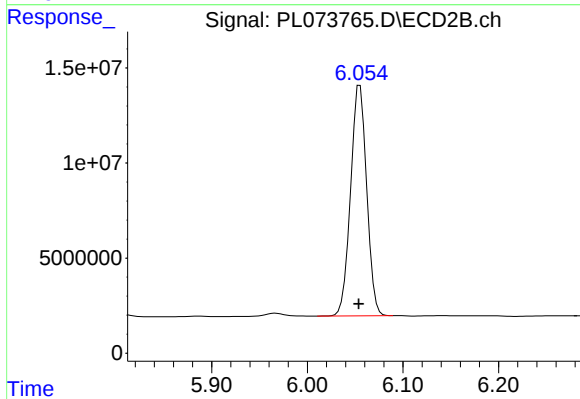
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 34377451
Conc: 20.95 ng/ml



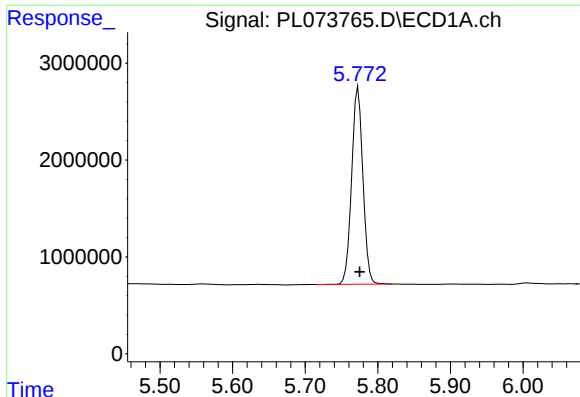
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 22156174
Conc: 53.75 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 142270170
Conc: 63.24 ng/ml



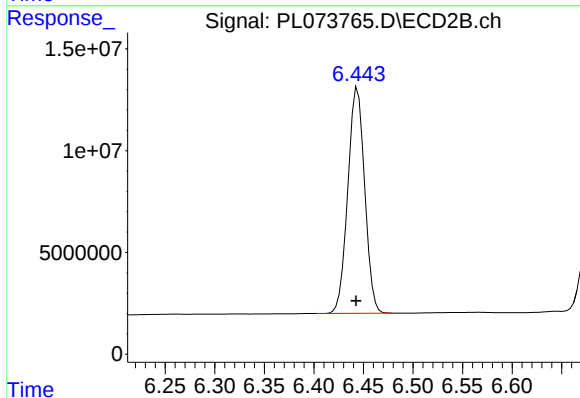
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21985467
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

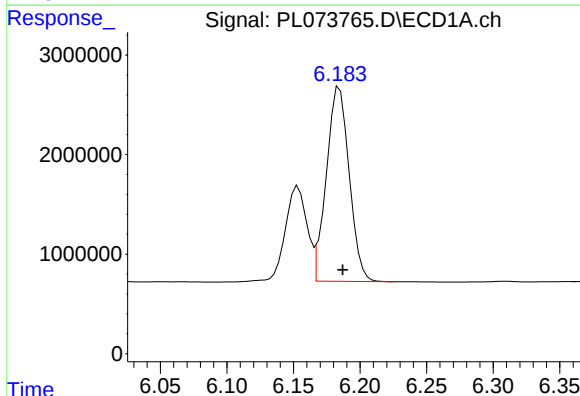
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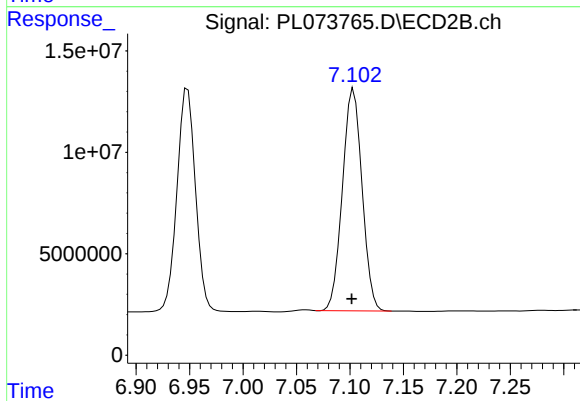
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 131280202
Conc: 61.49 ng/ml



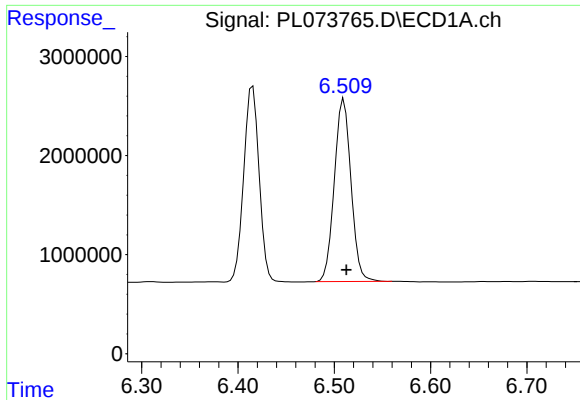
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 23302469
Conc: 51.65 ng/ml



#4 Heptachlor

R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 139928243
Conc: 59.72 ng/ml



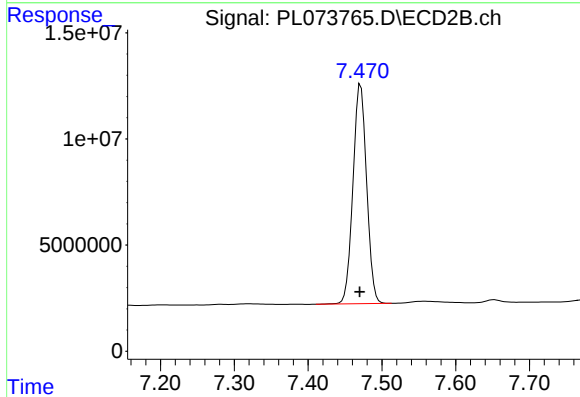
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 22223740
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

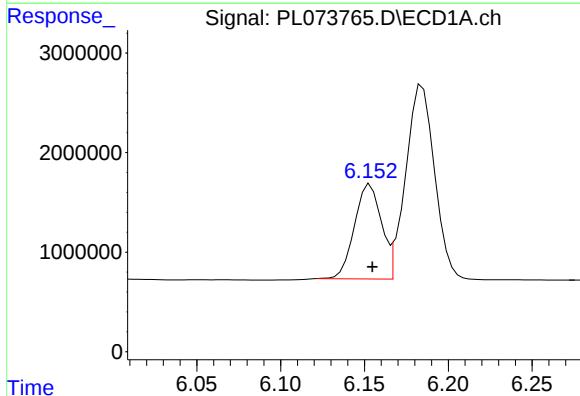
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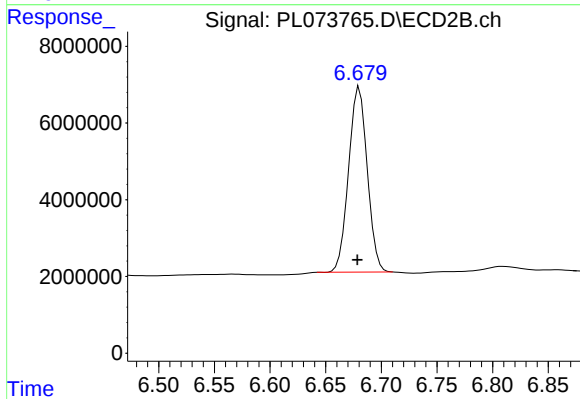
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 133084400
Conc: 63.53 ng/ml



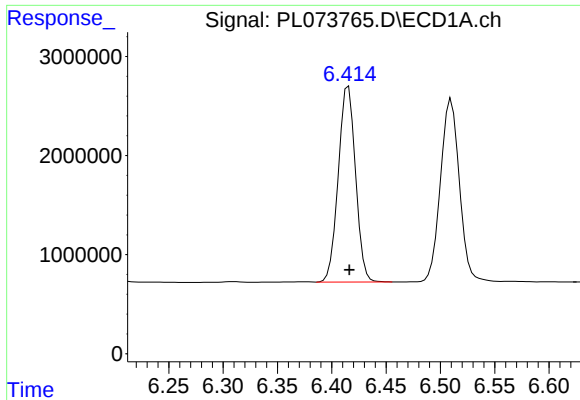
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 10649571
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 56394511
Conc: 54.10 ng/ml



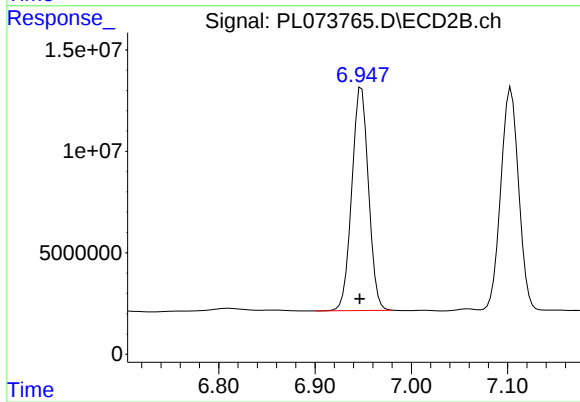
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21852532
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

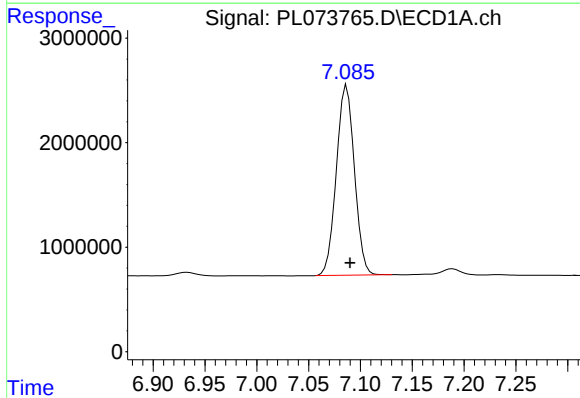
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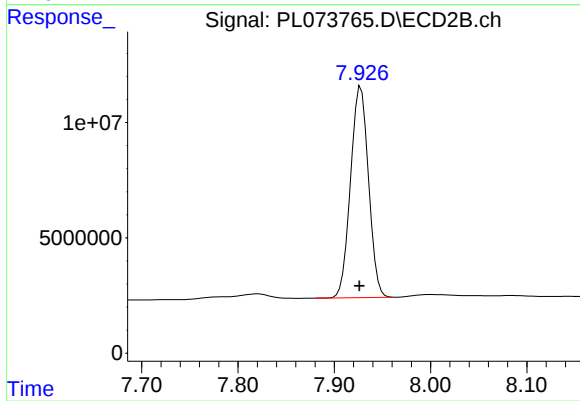
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 132136504
Conc: 61.36 ng/ml



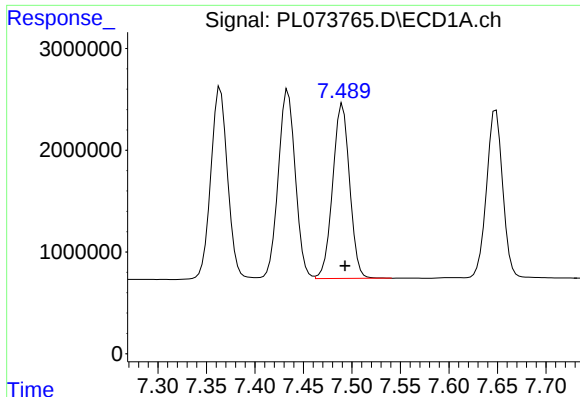
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 22075971
Conc: 51.22 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 118355777
Conc: 59.26 ng/ml



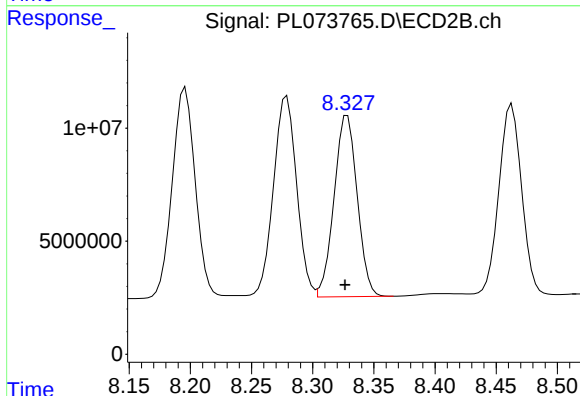
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20884223
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

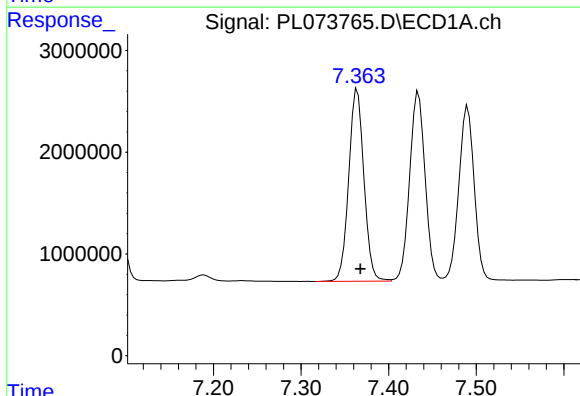
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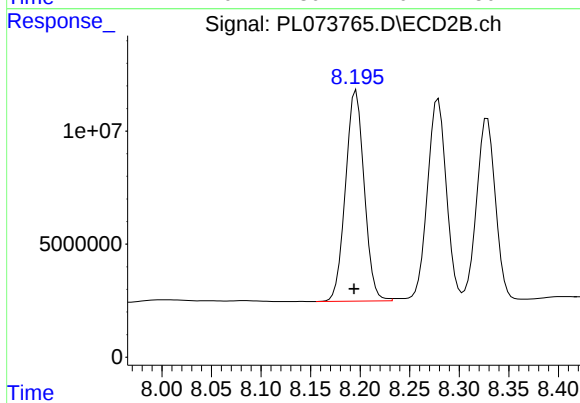
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 105399953
Conc: 57.74 ng/ml



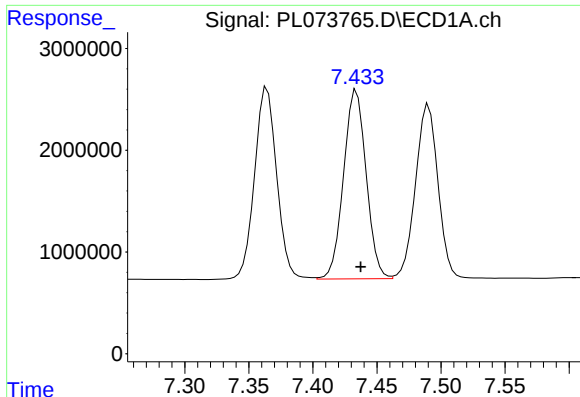
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 22748865
Conc: 52.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 122387733
Conc: 59.92 ng/ml



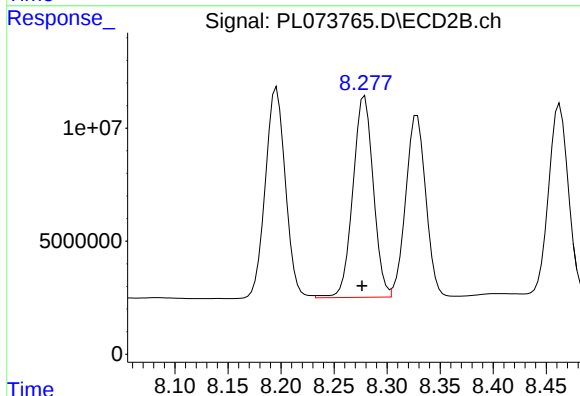
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 22798036
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

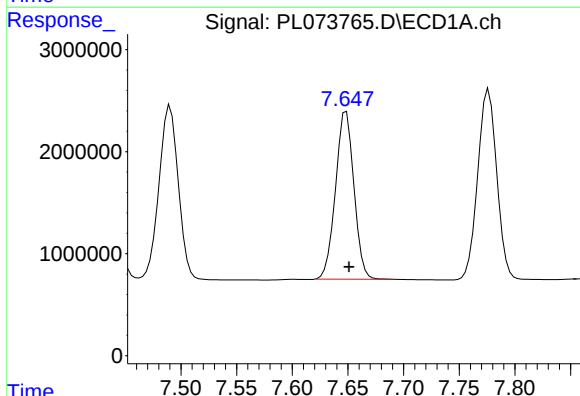
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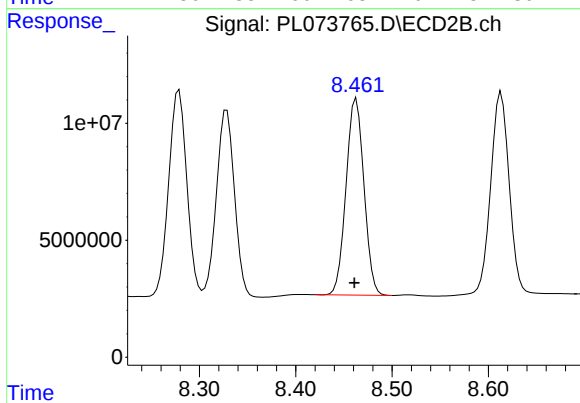
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 119148034
Conc: 59.57 ng/ml



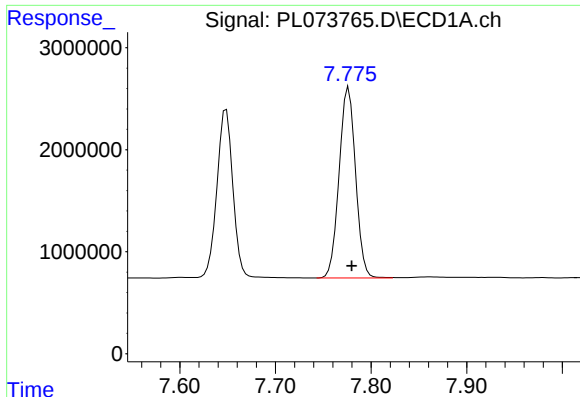
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 18895336
Conc: 52.66 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 108090086
Conc: 60.31 ng/ml



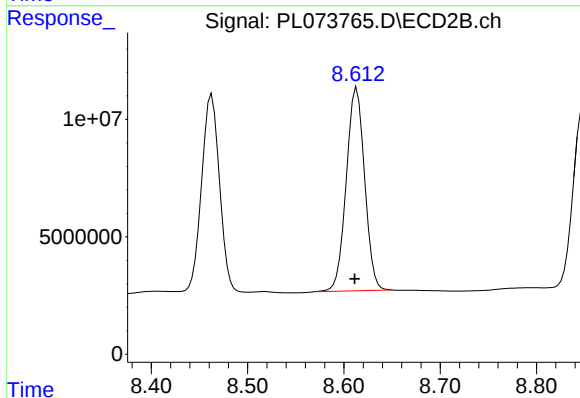
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 22377020
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

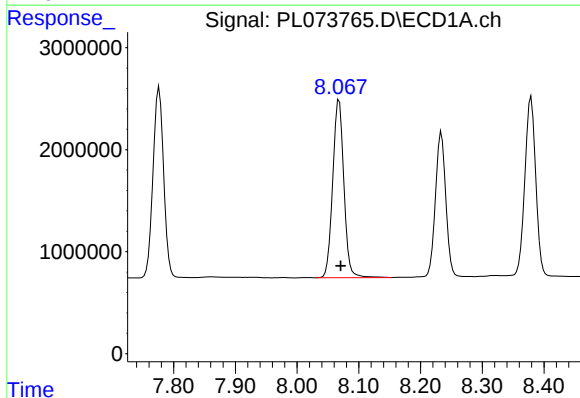
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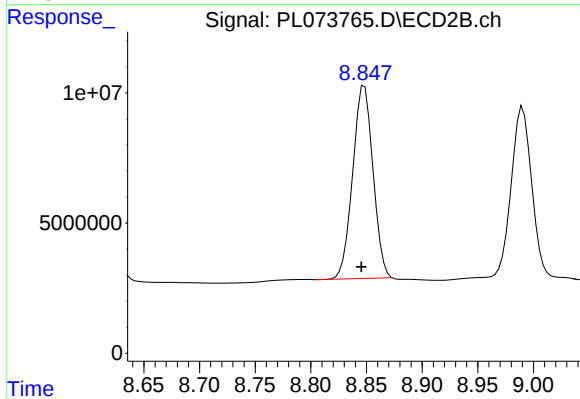
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 114199153
Conc: 61.91 ng/ml



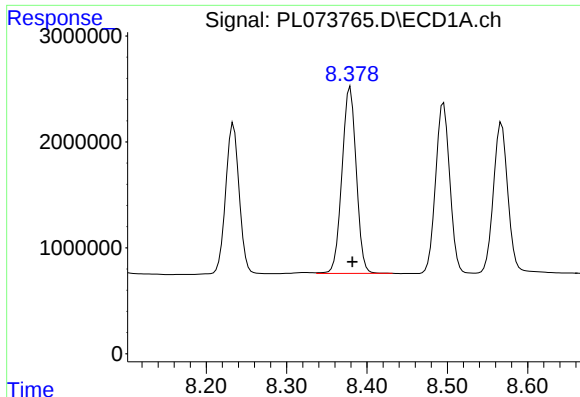
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 21975204
Conc: 56.64 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 94016449
Conc: 61.07 ng/ml



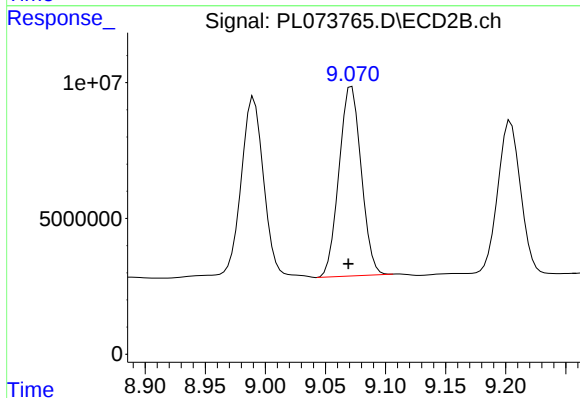
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 21729152
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

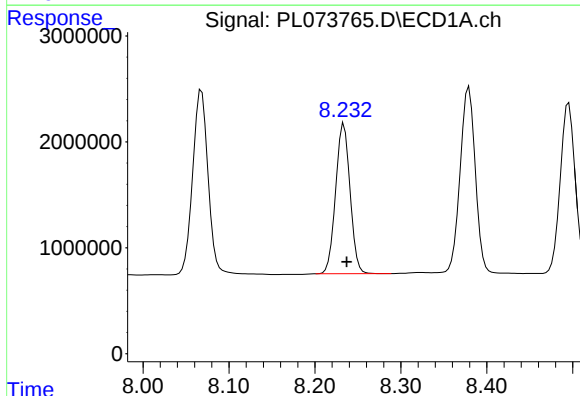
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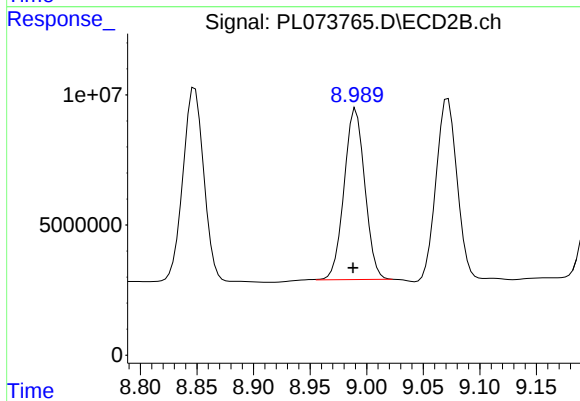
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.003 min
Response: 89848493
Conc: 58.50 ng/ml



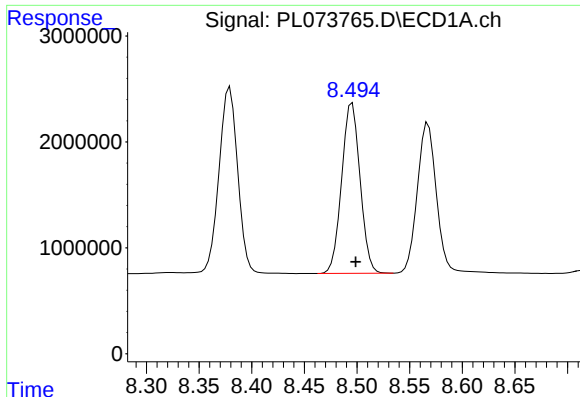
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16487239
Conc: 50.77 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 83492952
Conc: 57.20 ng/ml m



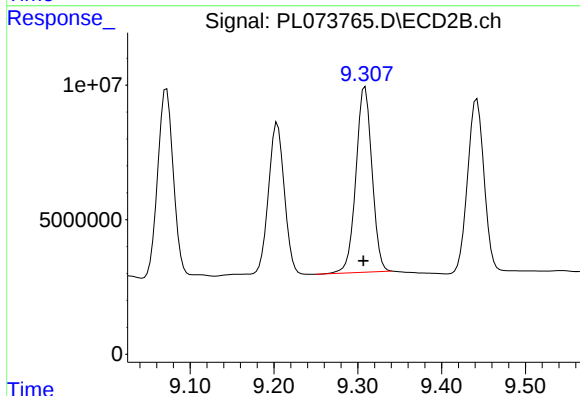
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 19659603
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

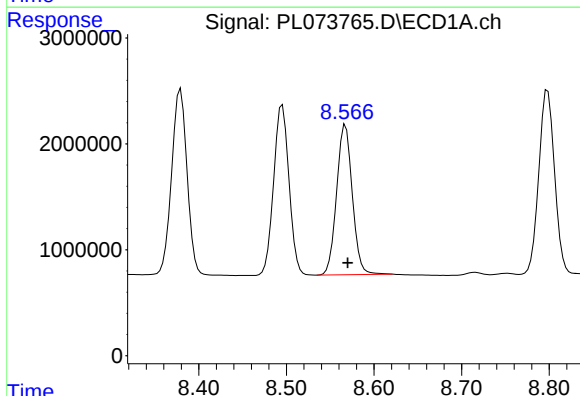
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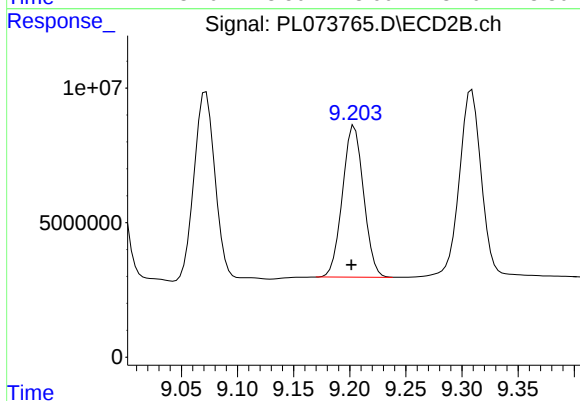
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 91774203
Conc: 56.15 ng/ml



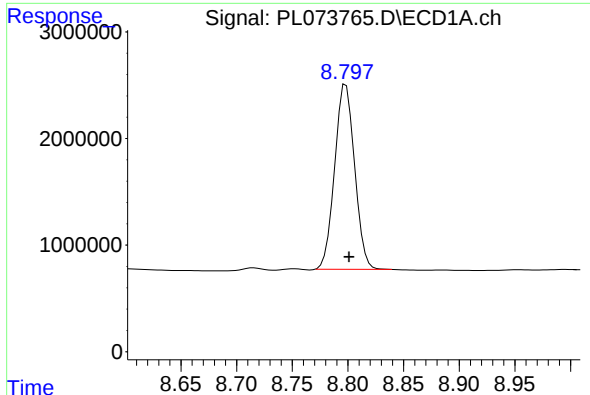
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 17627265
Conc: 55.74 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 73774825
Conc: 60.16 ng/ml m



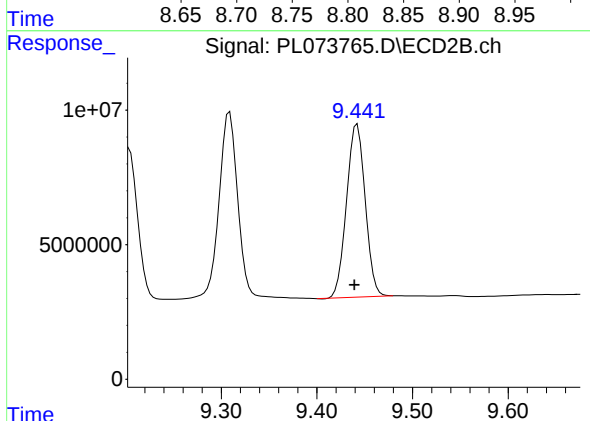
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 21656227
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

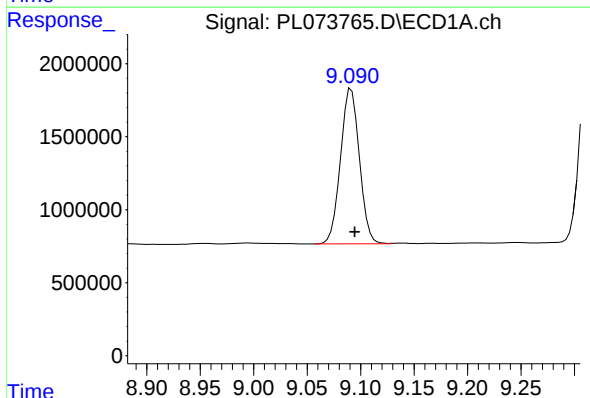
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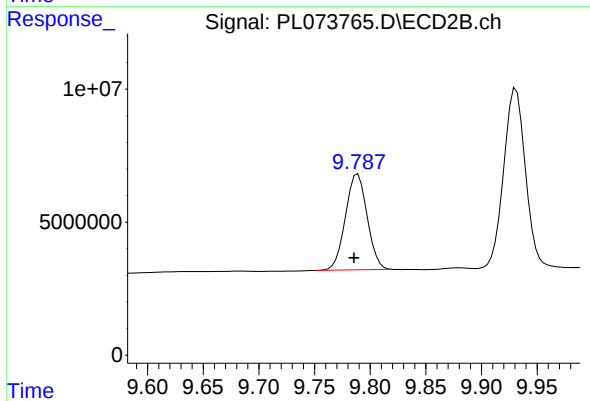
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.003 min
Response: 87686670
Conc: 55.64 ng/ml



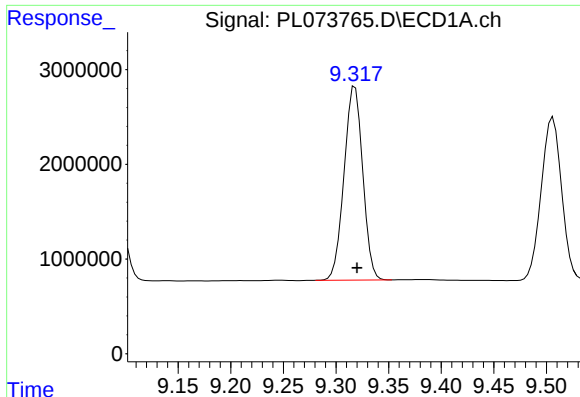
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 13065649
Conc: 50.93 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 49001978
Conc: 54.38 ng/ml



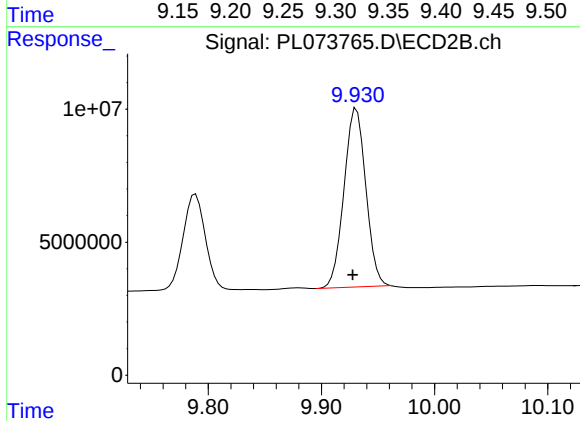
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 25340198
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

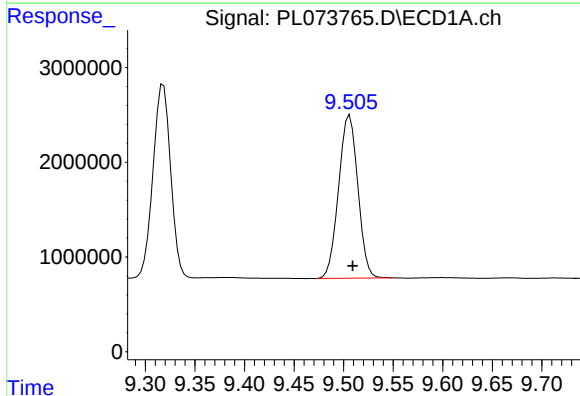
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2022
Supervised By :mohammad ahmed 04/01/2022



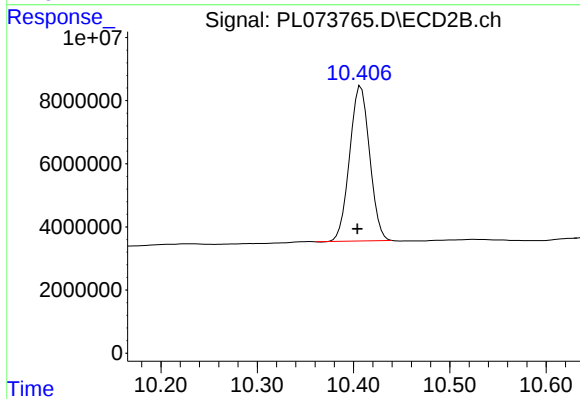
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.003 min
Response: 90070516
Conc: 54.57 ng/ml



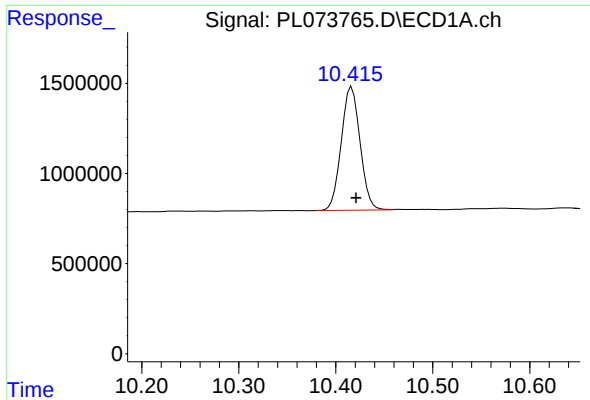
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 23281602
Conc: 49.37 ng/ml



#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.004 min
Response: 70801150
Conc: 52.12 ng/ml



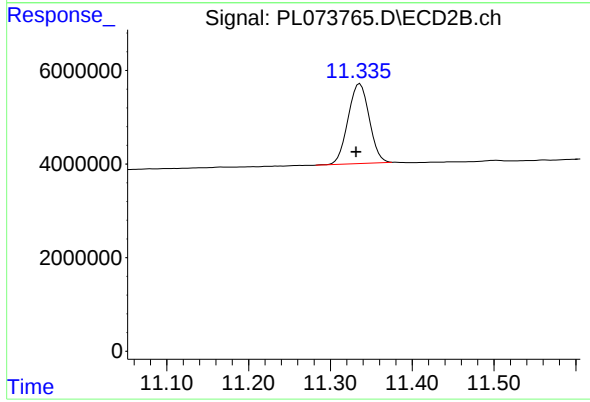
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 9222057
Conc: 18.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHFMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.336 min
Delta R.T.: 0.005 min
Response: 30782205
Conc: 17.21 ng/ml