

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 14:44
 Operator : AR\AJ
 Sample : PB144539BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144539BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2022
 Supervised By :mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:51:39 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	5.488	6953975	36617523	21.522	20.537
28)	SA Decachlor...	10.401	11.330	11956261	40207825	22.991m	22.764
Target Compounds							
2)	A alpha-BHC	5.341	6.051	22666276	133.5E6	54.011	53.005
3)	MA gamma-BHC...	5.764	6.440	22386376	125.4E6	53.377	52.977
4)	MA Heptachlor	6.174	7.100	24437566	135.9E6	54.250	52.084
5)	MB Aldrin	6.499	7.467	23420427	132.2E6	56.428	56.269
6)	B beta-BHC	6.145	6.678	10489545	55440239	51.337	49.192
7)	B delta-BHC	6.406	6.945	22723260	126.8E6	54.931	51.917
8)	B Heptachlo...	7.076	7.924	23514597	119.3E6	54.821	52.994
9)	A Endosulfan I	7.479	8.324	22485920	107.5E6	54.827	54.622
10)	B gamma-Chl...	7.353	8.192	24106826	119.9E6	54.964	53.755
11)	B alpha-Chl...	7.423	8.275	24435490	117.8E6	55.312	54.711
12)	B 4,4'-DDE	7.637	8.459	20166013	113.8E6	55.277	57.150
13)	MA Dieldrin	7.764	8.609	24000600	115.3E6	55.871m	57.514
14)	MA Endrin	8.056	8.844	22252936	97139737	54.779	57.355
15)	B Endosulfa...	8.367	9.068	23108739	96581696	56.067	55.595
16)	A 4,4'-DDD	8.222	8.987	17621083	85790472	54.567	55.759
17)	MA 4,4'-DDT	8.483	9.306	19706357	92841051	53.312	52.374
18)	B Endrin al...	8.556	9.199	19241957	78713326	59.471	60.941m
19)	B Endosulfa...	8.787	9.438	22968212	90745425	53.787	54.524
20)	A Methoxychlor	9.078	9.784	12461920	47789252	50.195	49.685m
21)	B Endrin ke...	9.304	9.926	27280593	96445969	55.840m	55.719
22)	Mirex	9.492	10.403	24571347	74749033	52.683	54.268

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
Data File : PL074483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2022 14:44
Operator : AR\AJ
Sample : PB144539BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

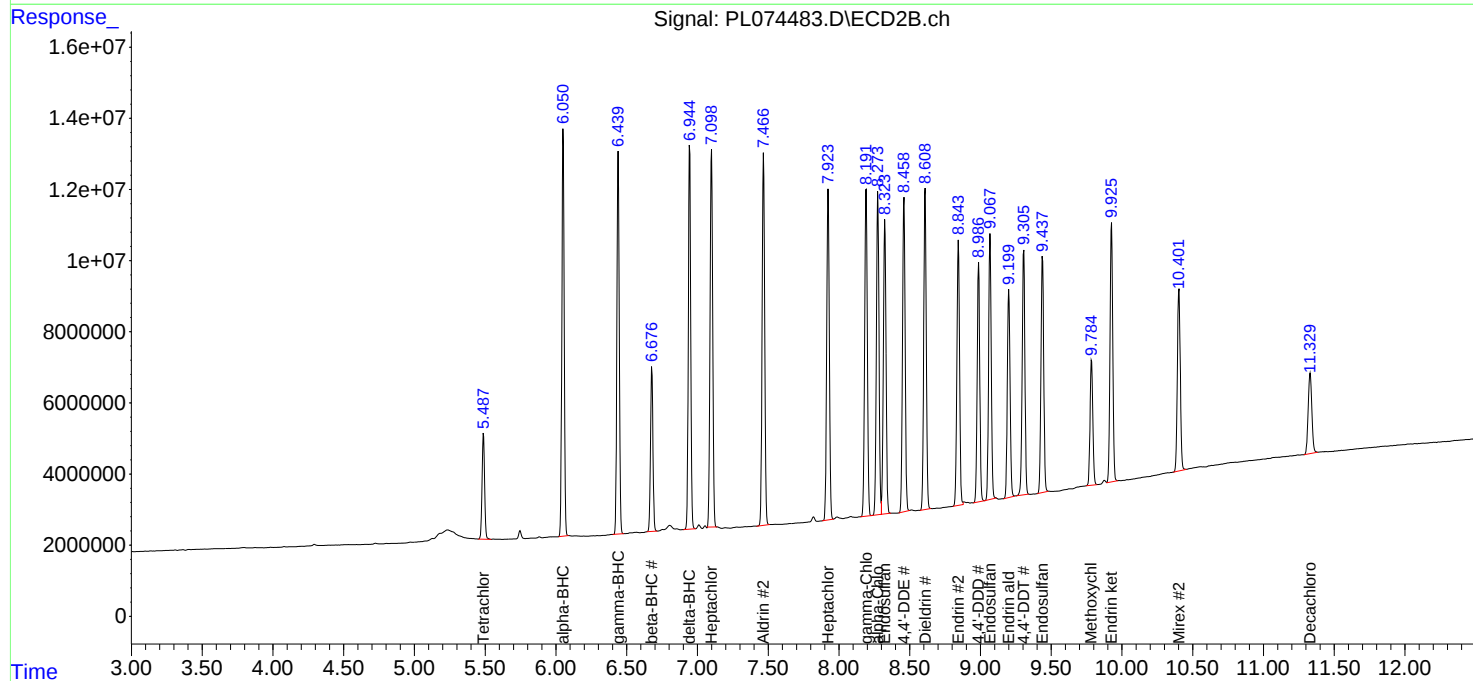
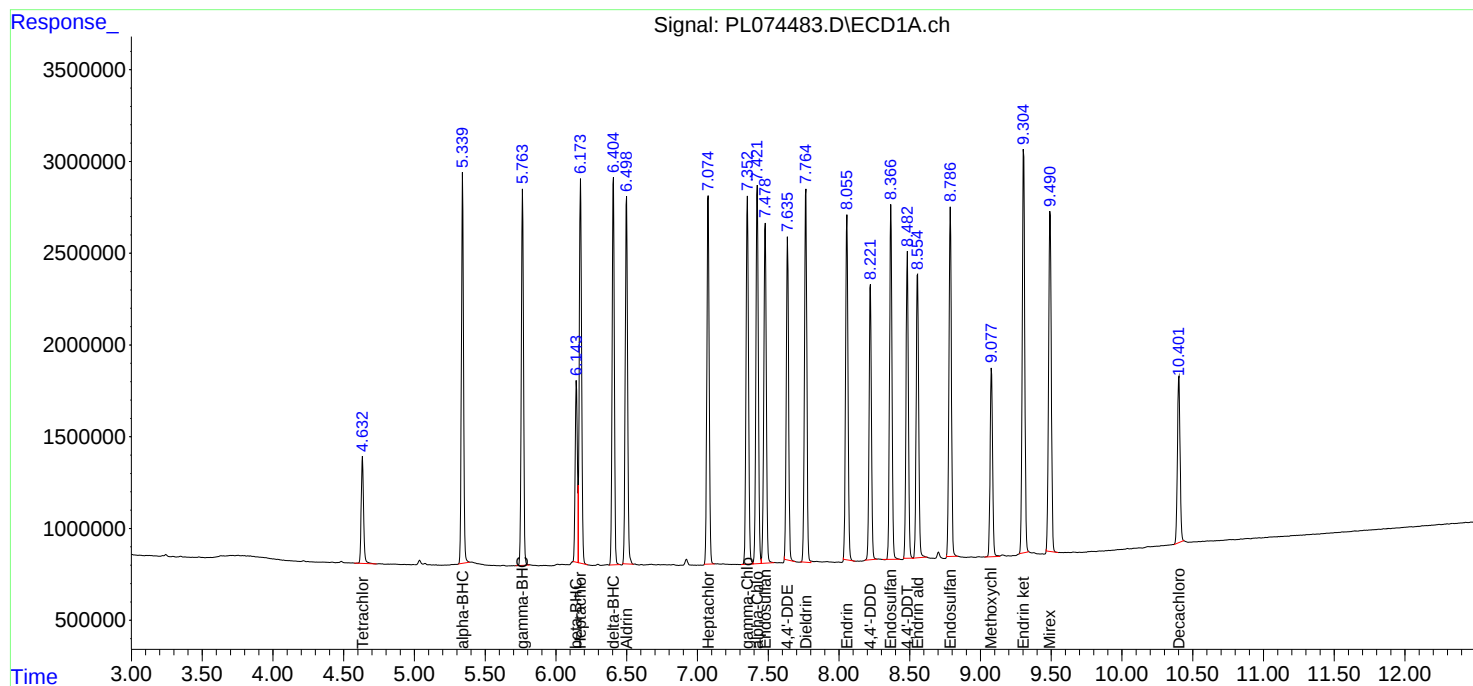
Instrument :
ECD_L
ClientSampleId :
PB144539BS

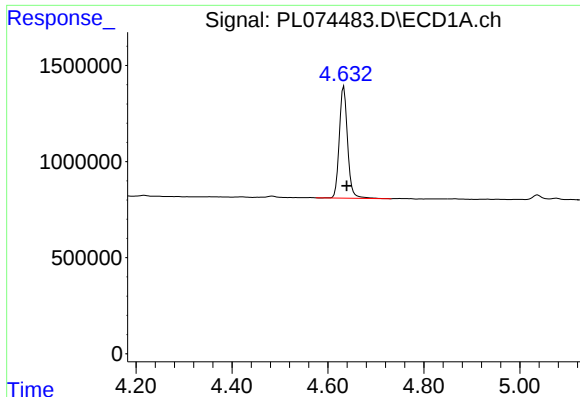
Manual Integrations
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Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 04:51:39 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





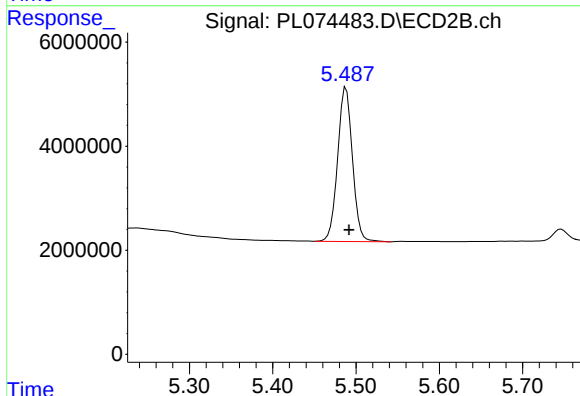
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6953975
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

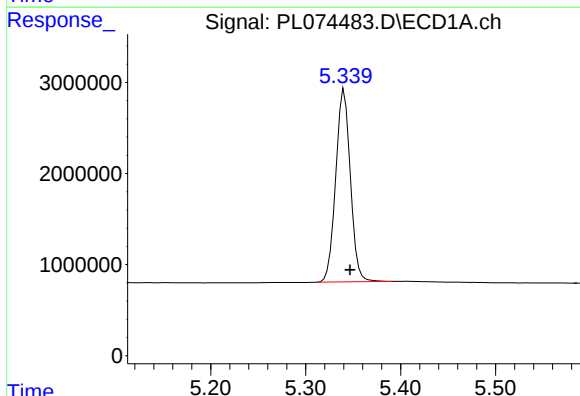
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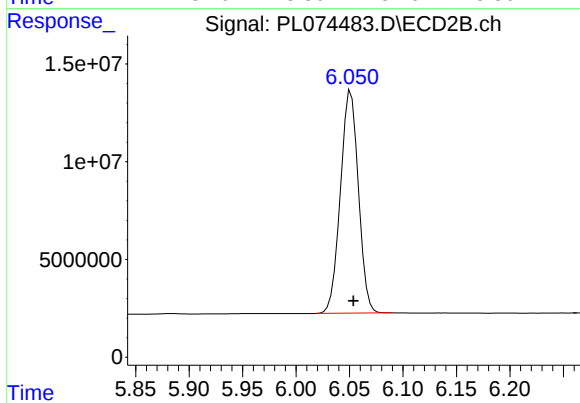
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 36617523
Conc: 20.54 ng/ml



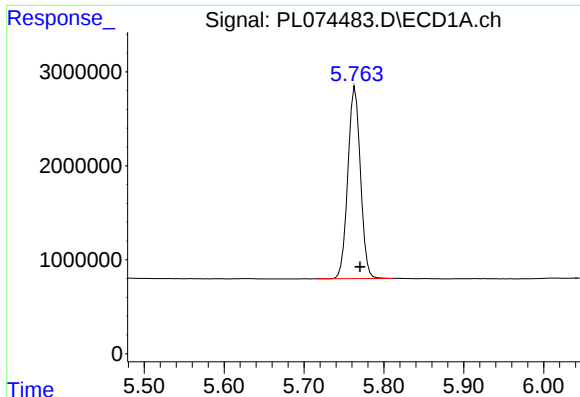
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 22666276
Conc: 54.01 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 133471187
Conc: 53.00 ng/ml



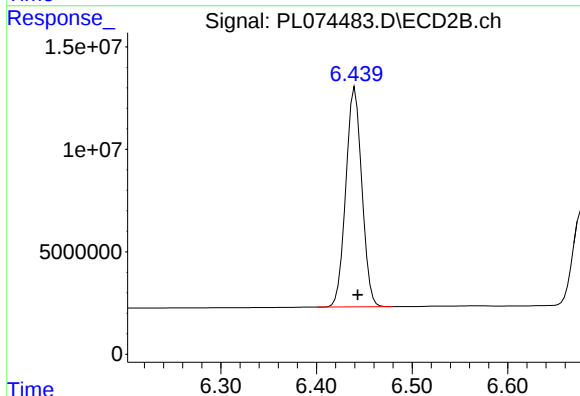
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 22386376
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

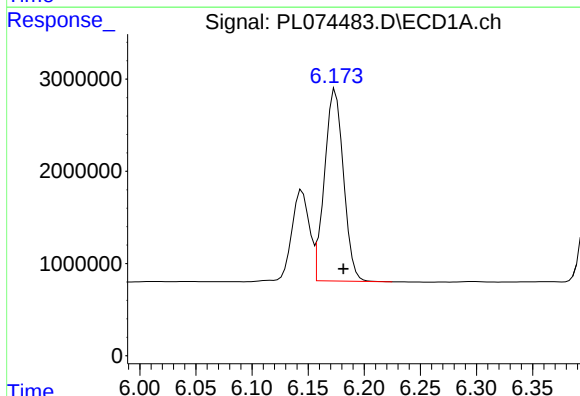
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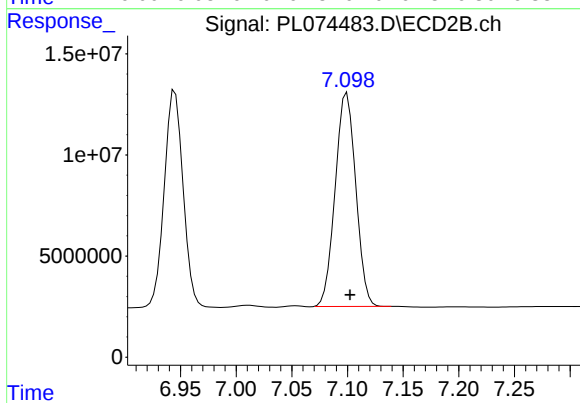
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 125403110
Conc: 52.98 ng/ml



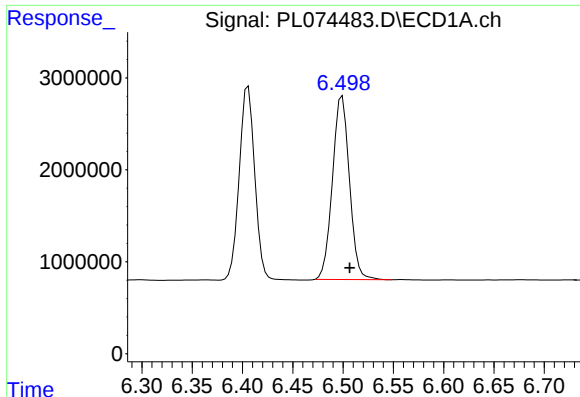
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 24437566
Conc: 54.25 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 135856950
Conc: 52.08 ng/ml



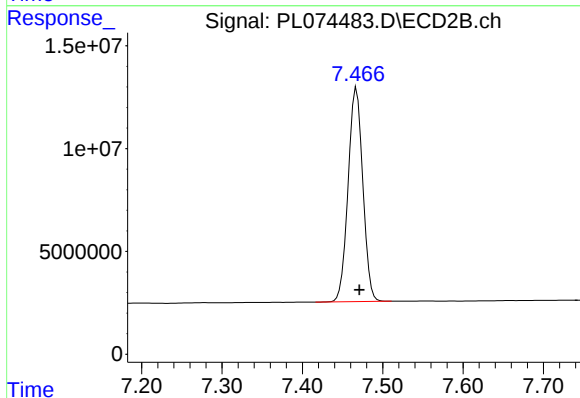
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 23420427
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

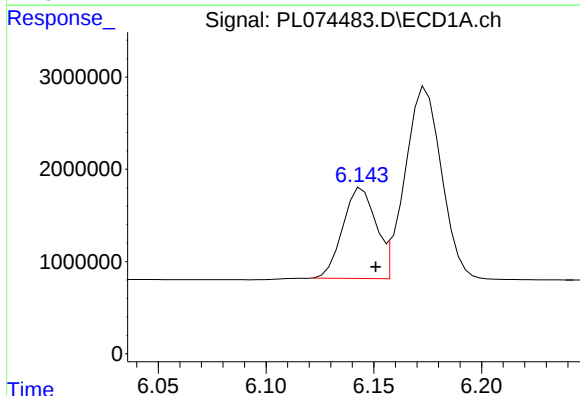
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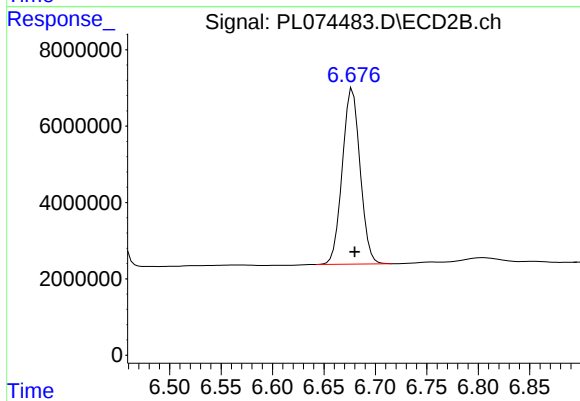
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 132153195
Conc: 56.27 ng/ml



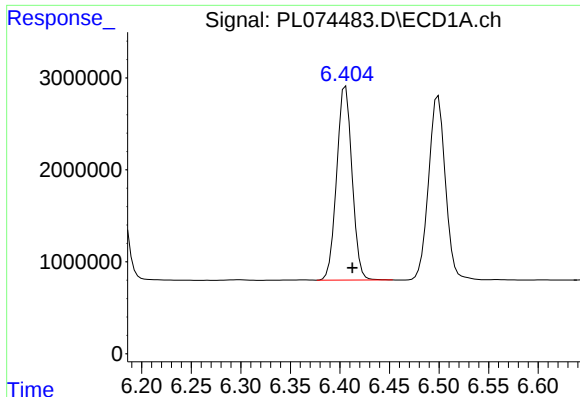
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10489545
Conc: 51.34 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 55440239
Conc: 49.19 ng/ml



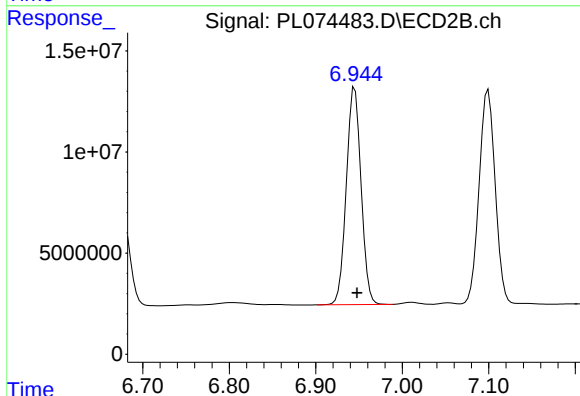
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 22723260
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

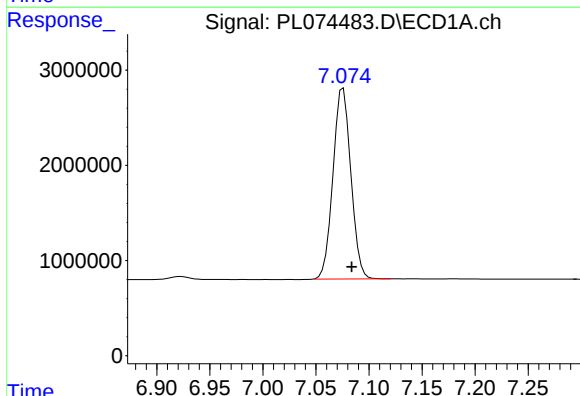
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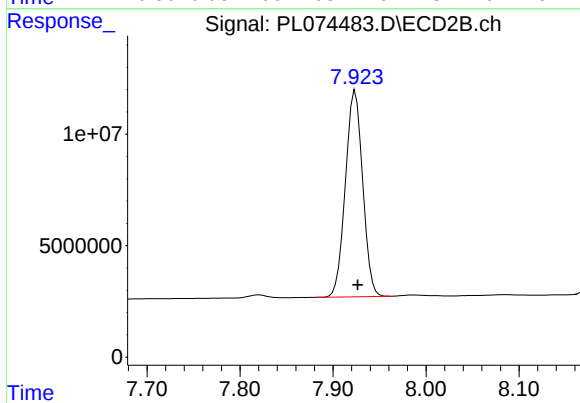
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 126795091
Conc: 51.92 ng/ml



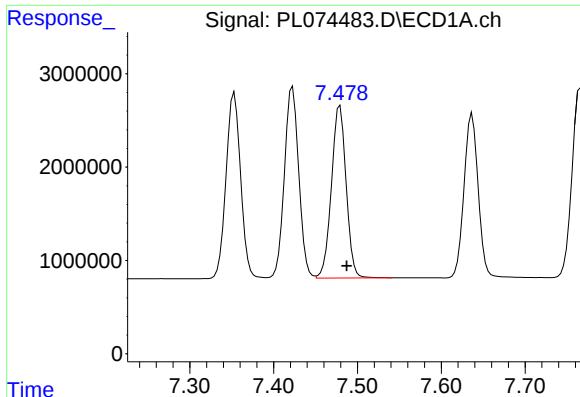
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 23514597
Conc: 54.82 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 119318570
Conc: 52.99 ng/ml



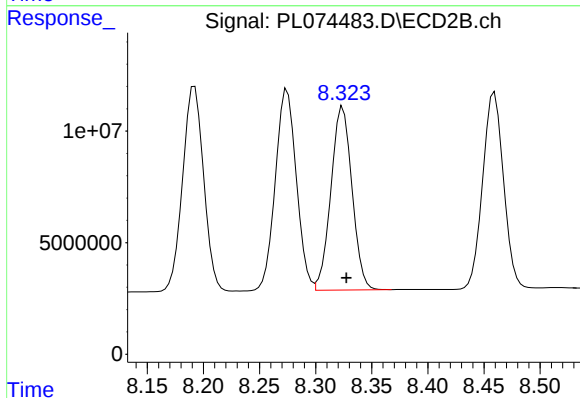
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.008 min
Response: 22485920
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

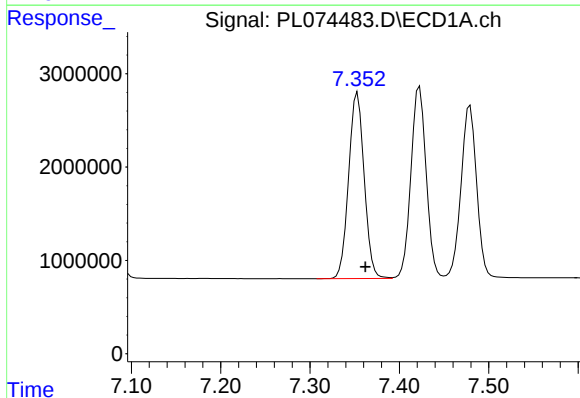
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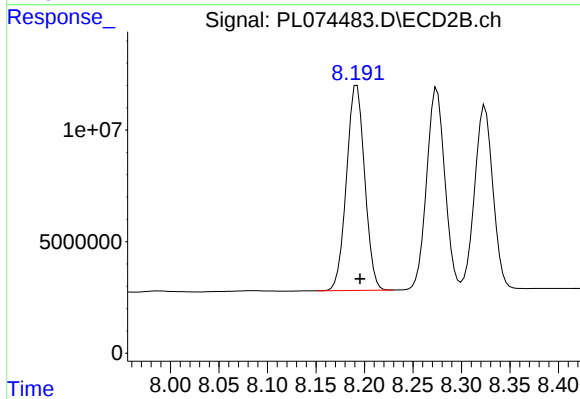
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 107531476
Conc: 54.62 ng/ml



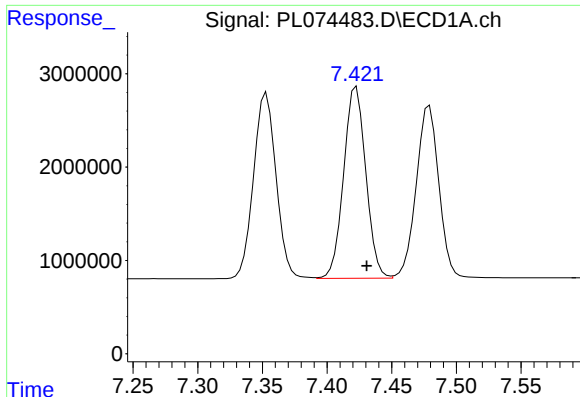
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 24106826
Conc: 54.96 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 119892248
Conc: 53.75 ng/ml



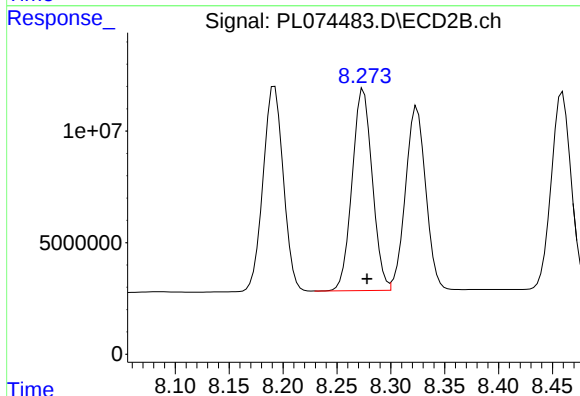
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 24435490
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

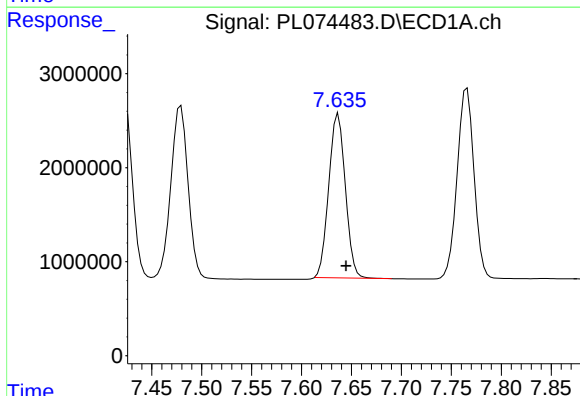
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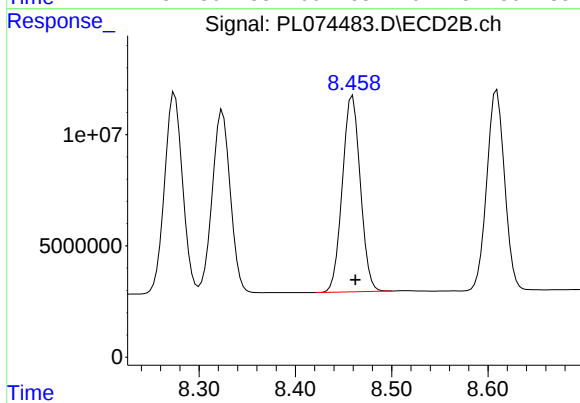
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 117770012
Conc: 54.71 ng/ml



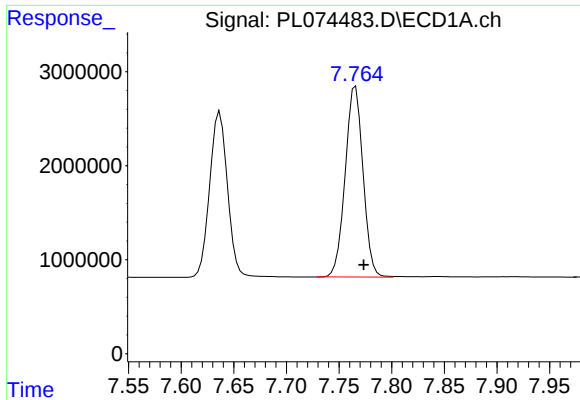
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 20166013
Conc: 55.28 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 113824680
Conc: 57.15 ng/ml



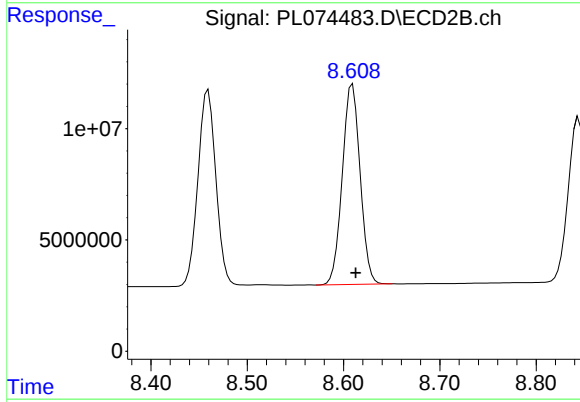
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.009 min
Response: 2400600
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

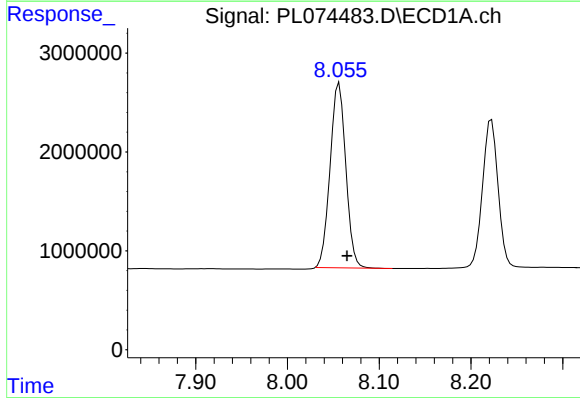
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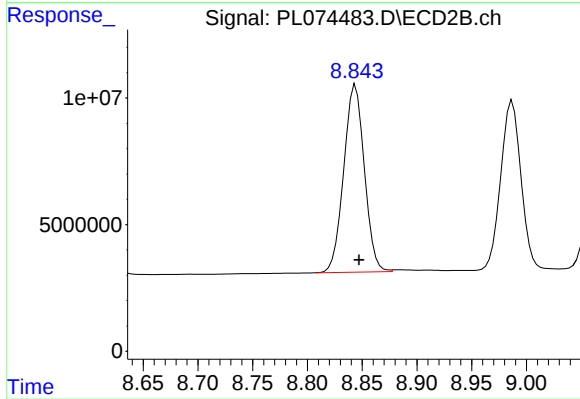
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 115331175
Conc: 57.51 ng/ml



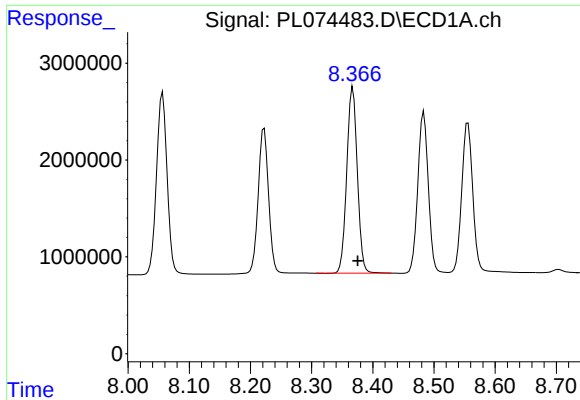
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 22252936
Conc: 54.78 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 97139737
Conc: 57.35 ng/ml



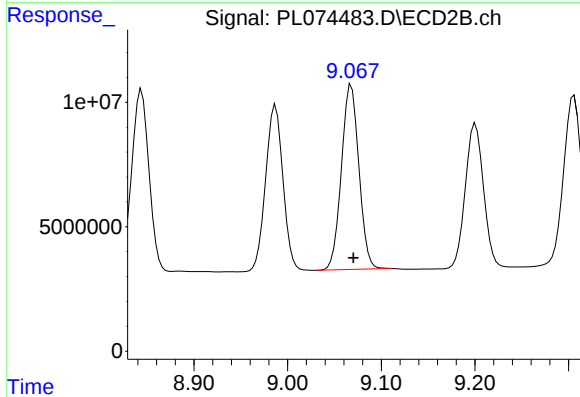
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 23108739
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

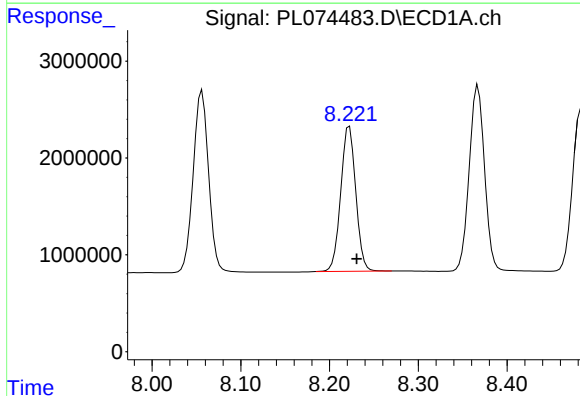
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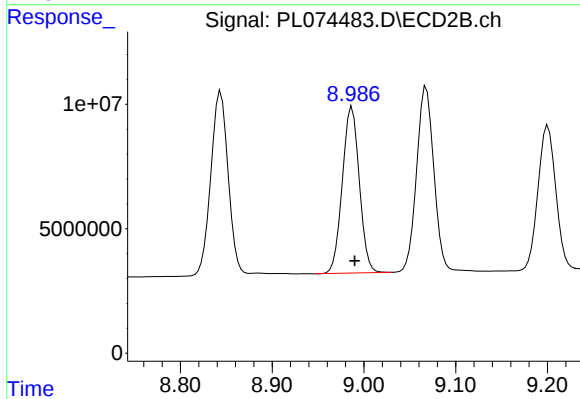
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 96581696
Conc: 55.60 ng/ml



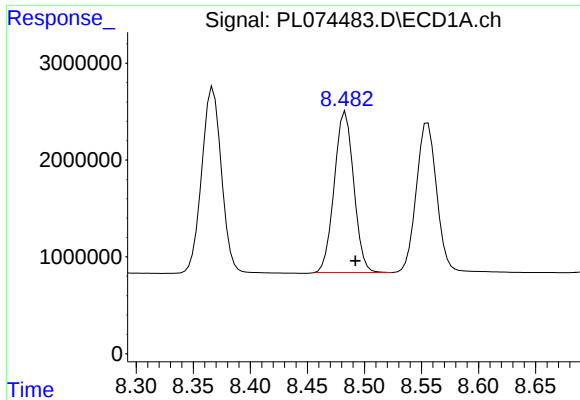
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 17621083
Conc: 54.57 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 85790472
Conc: 55.76 ng/ml



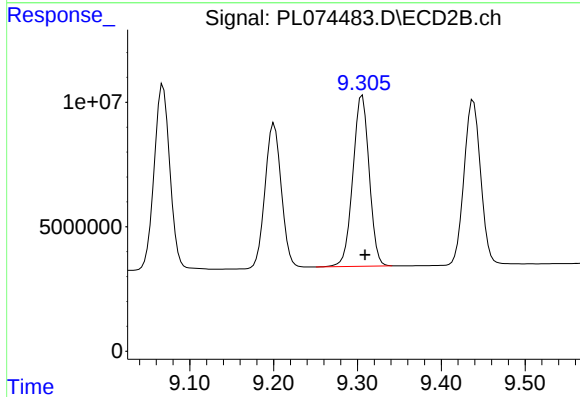
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 19706357
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

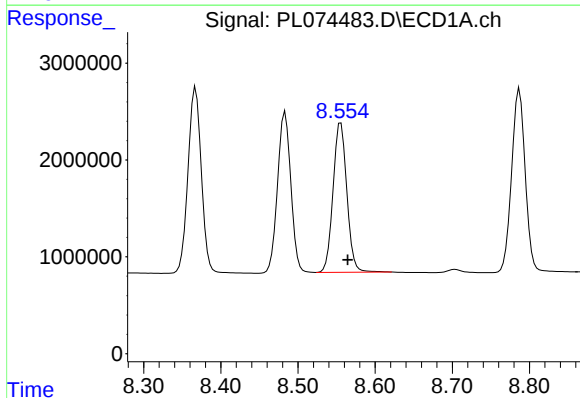
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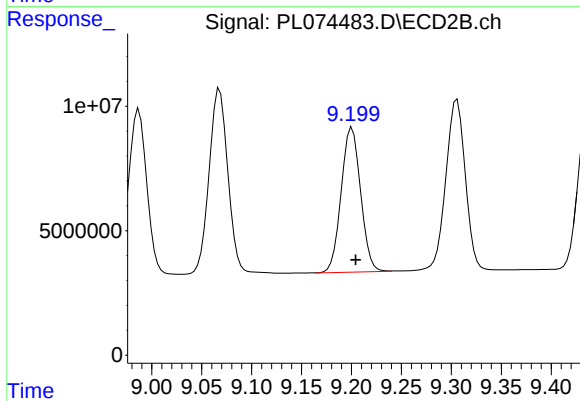
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 92841051
Conc: 52.37 ng/ml



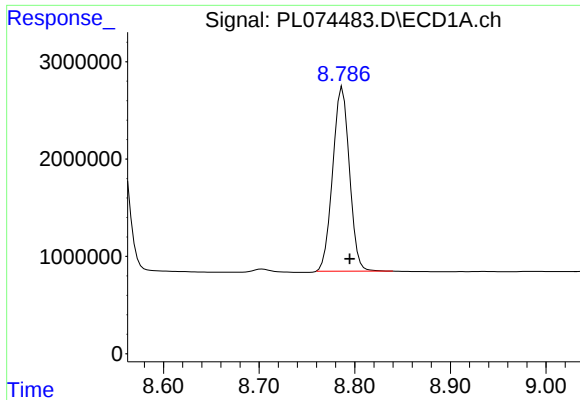
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.009 min
Response: 19241957
Conc: 59.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: -0.005 min
Response: 78713326
Conc: 60.94 ng/ml m



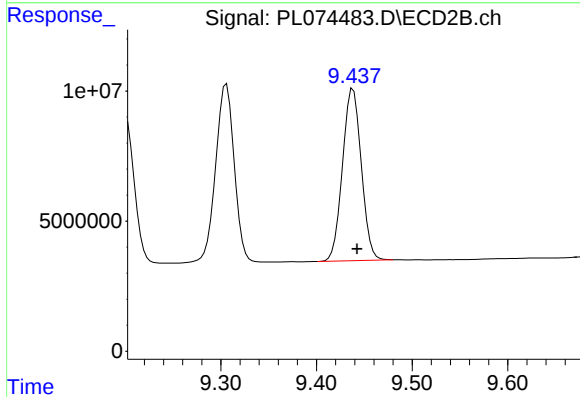
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 22968212
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

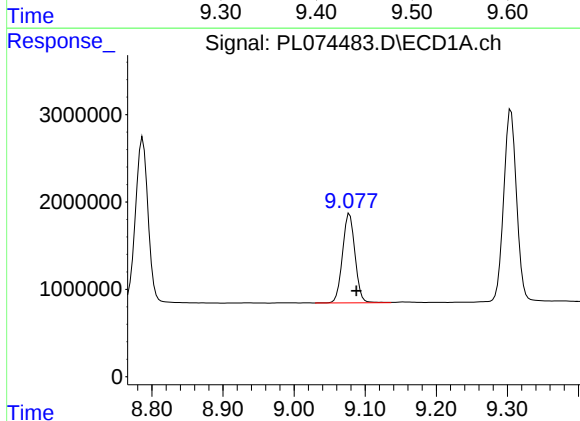
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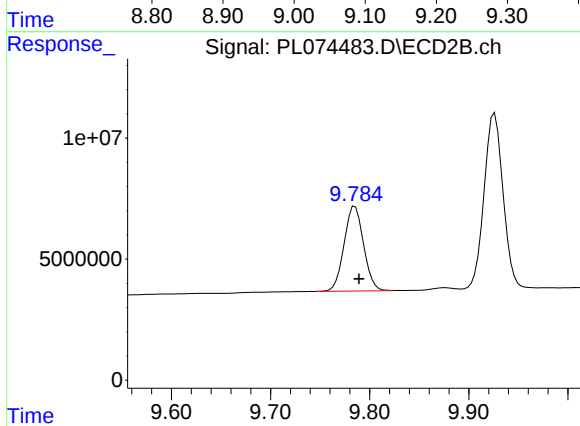
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 90745425
Conc: 54.52 ng/ml



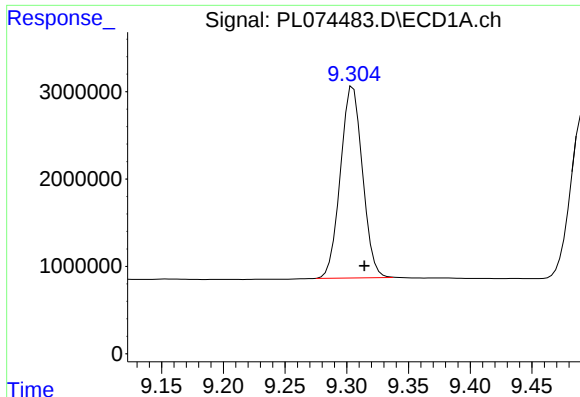
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 12461920
Conc: 50.20 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.006 min
Response: 47789252
Conc: 49.68 ng/ml m



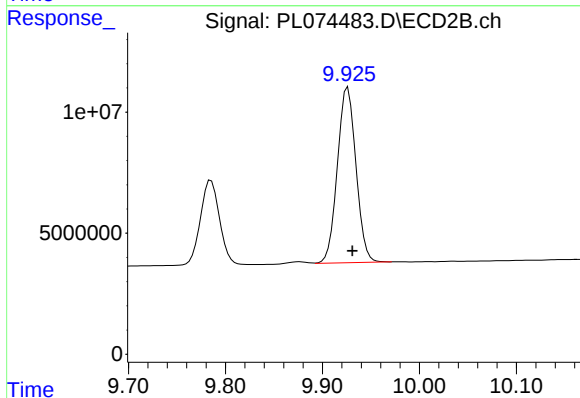
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 27280593
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

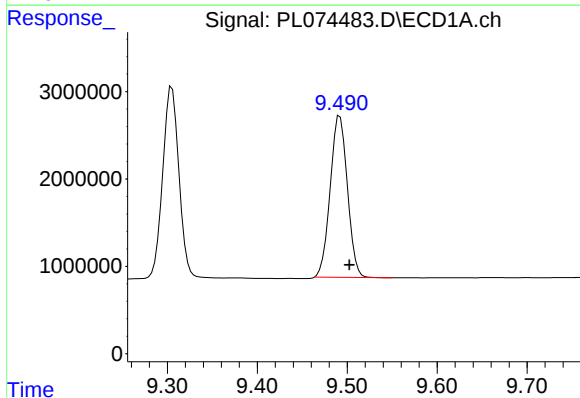
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



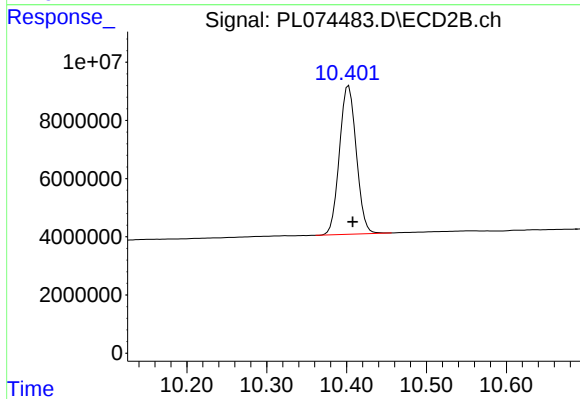
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 96445969
Conc: 55.72 ng/ml



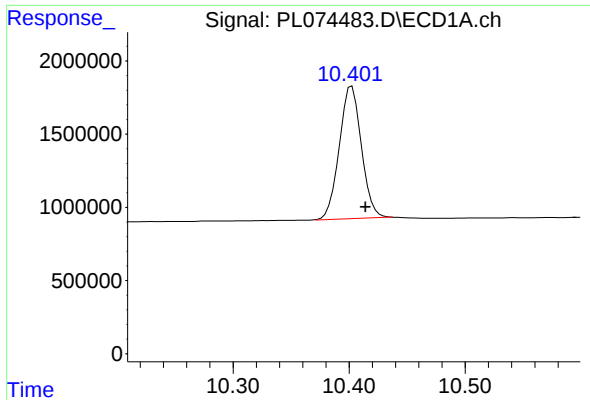
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.011 min
Response: 24571347
Conc: 52.68 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 74749033
Conc: 54.27 ng/ml



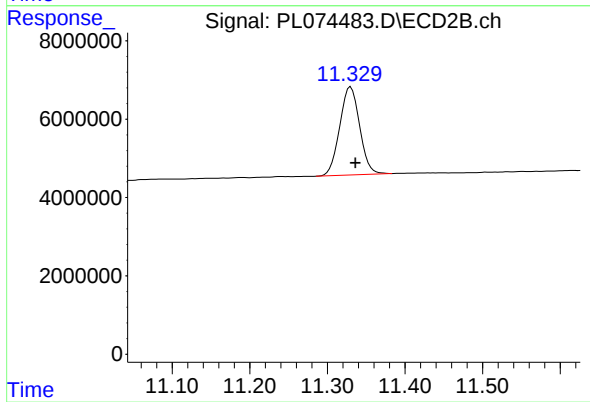
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 11956261
Conc: 22.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BS

Manual Integrations
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Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 40207825
Conc: 22.76 ng/ml