

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 17:21
 Operator : AR\AJ
 Sample : PB144631BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144631BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 05:35:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.647	4.653	12195556	27865893	24.019	20.303
28)	SA Decachlor...	11.648	10.407	12457278	24171253	27.895m	23.549
Target Compounds							
2)	A alpha-BHC	6.230	5.355	6964034	14408478	10.179	8.562
3)	MA gamma-BHC...	6.629	5.776	6625924	15581310	10.265	9.430
4)	MA Heptachlor	7.284	6.187	7394863	15837560	11.458	10.434
5)	MB Aldrin	7.659	6.511	7001463	16028469	11.302	10.682
6)	B beta-BHC	6.880	6.152	3403307	8598094	11.403	10.829
7)	B delta-BHC	7.151	6.413	2213206	5471244	3.530	3.499
8)	B Heptachlo...	8.127	7.085	7033318	15286206	12.366	10.983
9)	A Endosulfan I	8.533	7.487	6702964	13884805	11.627m	11.098
10)	B gamma-Chl...	8.395	7.361	6218587	15564061	12.022m	11.231
11)	B alpha-Chl...	8.477	7.431	7450312	15268491	12.204m	11.295
12)	B 4,4'-DDE	8.664	7.643	5259551	12845050	11.361	10.916
13)	MA Dieldrin	8.825	7.773	6421855	14347645	12.218	11.263
14)	MA Endrin	9.066	8.063	4791327	12021874	11.611	11.381
15)	B Endosulfa...	9.300	8.372	5736788	13638002	13.050	12.073
16)	A 4,4'-DDD	9.206	8.225	5303721	10916468	11.731	11.081m
17)	MA 4,4'-DDT	9.526	8.488	5414821	10568384	11.781	10.563
18)	B Endrin al...	9.435	8.561	4450893	9179289	12.576	11.493
19)	B Endosulfa...	9.673	8.791	4611489	10587818	10.203	9.727
20)	A Methoxychlor	10.012	9.082	3077301	6894745	12.565	11.798
21)	B Endrin ke...	10.175	9.309	6181659	12520018	12.054	11.230
22)	Mirex	10.650	9.499	18000453	36636777	44.610	37.825

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 17:21
 Operator : AR\AJ
 Sample : PB144631BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

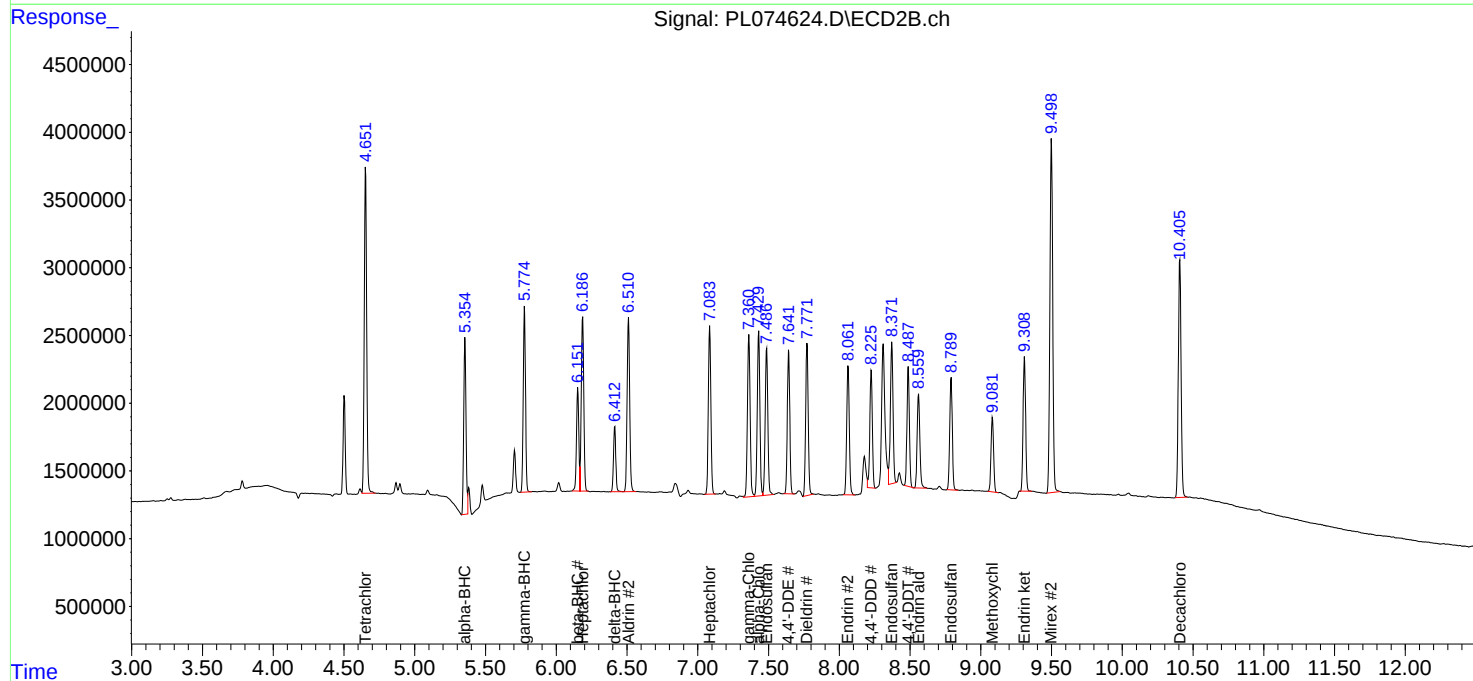
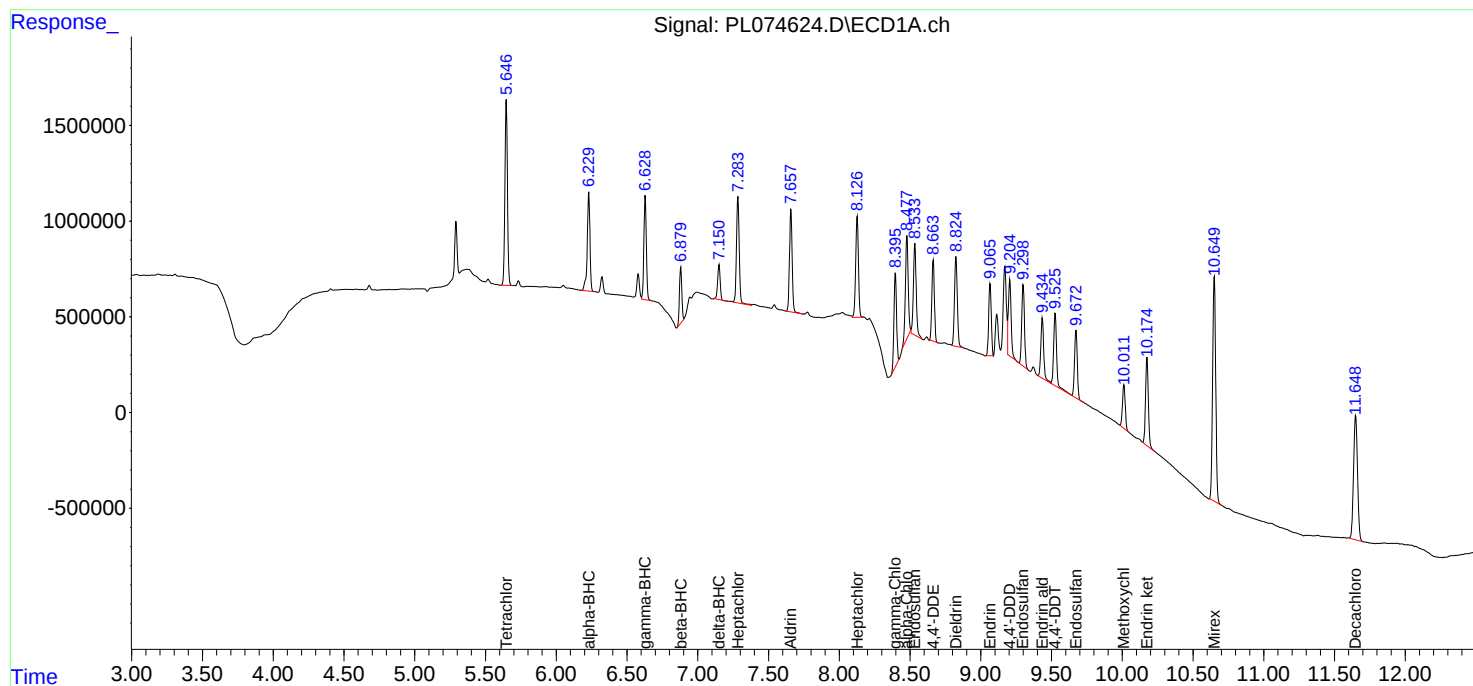
Instrument :
 ECD_L
 ClientSampleId :
 PB144631BS

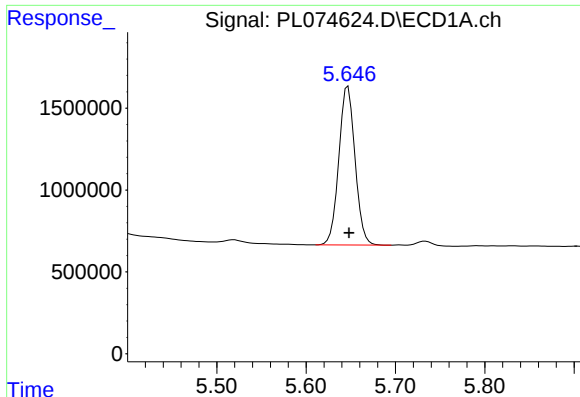
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 05:35:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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





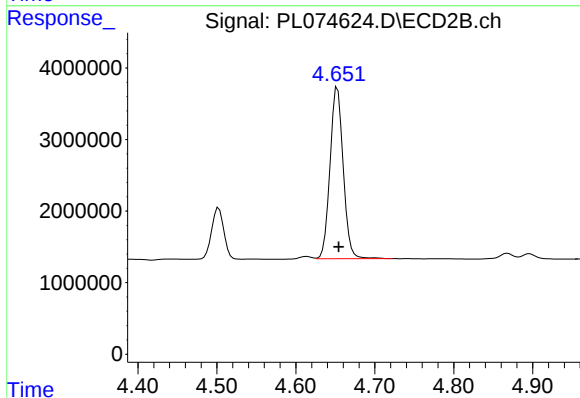
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 12195556
Conc: 24.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

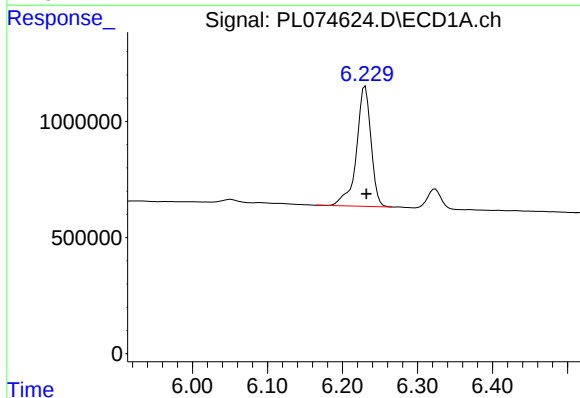
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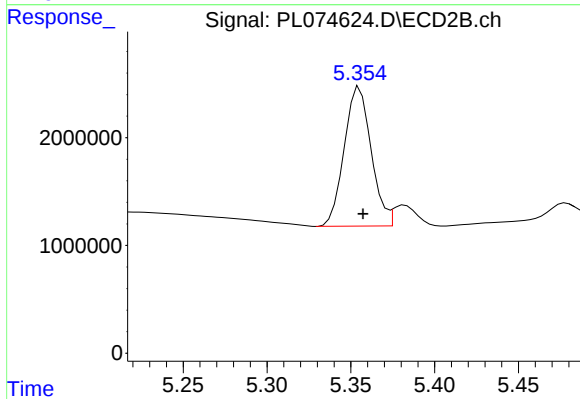
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 27865893
Conc: 20.30 ng/ml



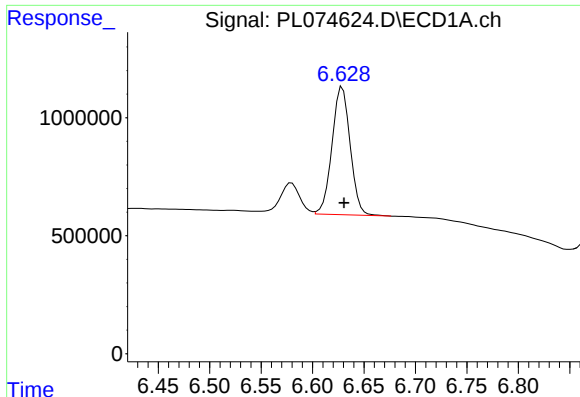
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 6964034
Conc: 10.18 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 14408478
Conc: 8.56 ng/ml



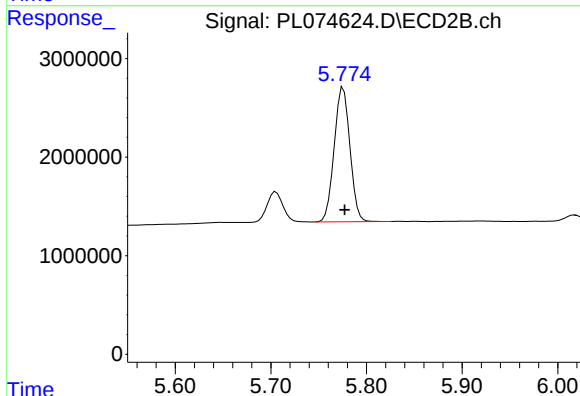
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 6625924
Conc: 10.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

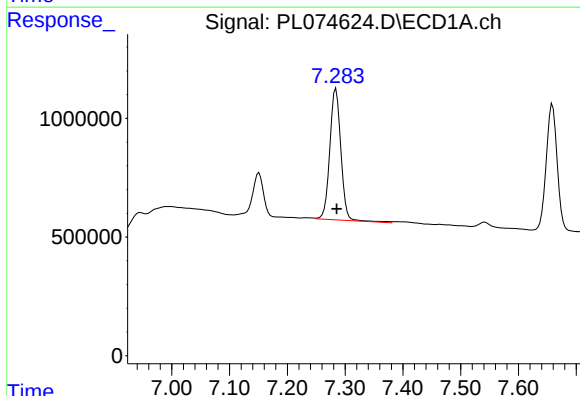
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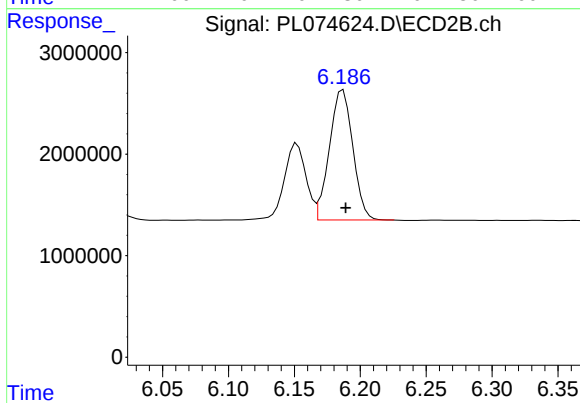
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 15581310
Conc: 9.43 ng/ml



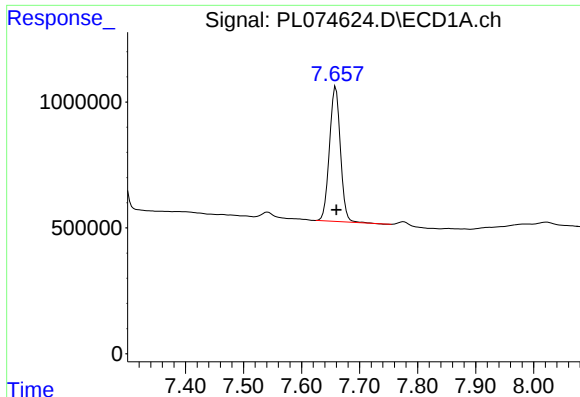
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 7394863
Conc: 11.46 ng/ml



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 15837560
Conc: 10.43 ng/ml



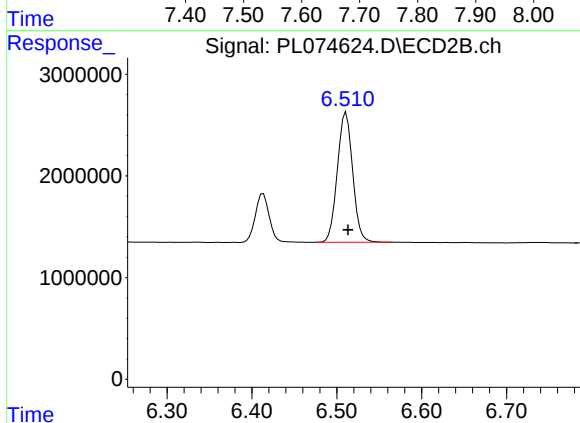
#5 Aldrin

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 7001463
Conc: 11.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

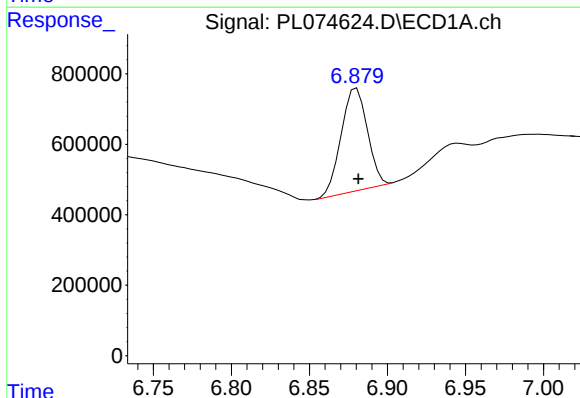
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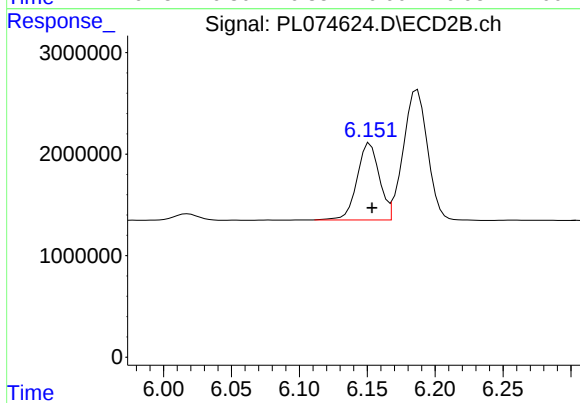
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 16028469
Conc: 10.68 ng/ml



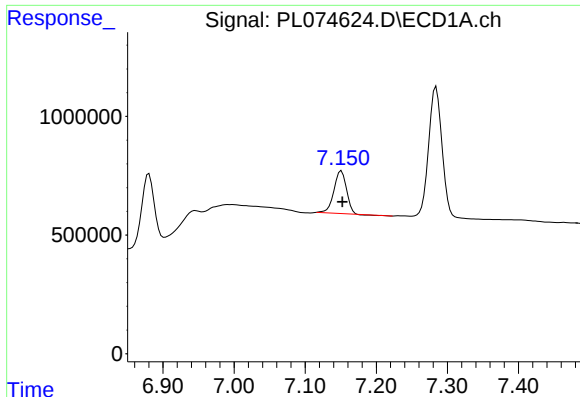
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 3403307
Conc: 11.40 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 8598094
Conc: 10.83 ng/ml



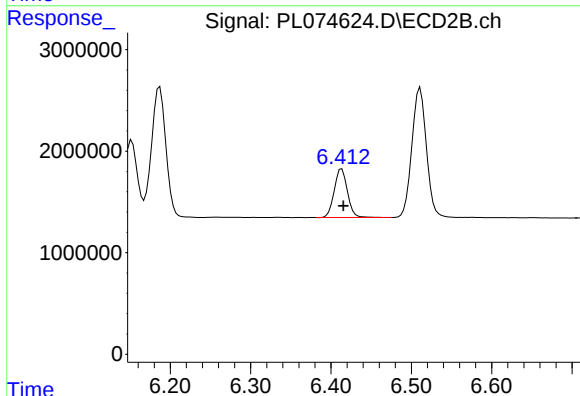
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.001 min
Response: 2213206
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

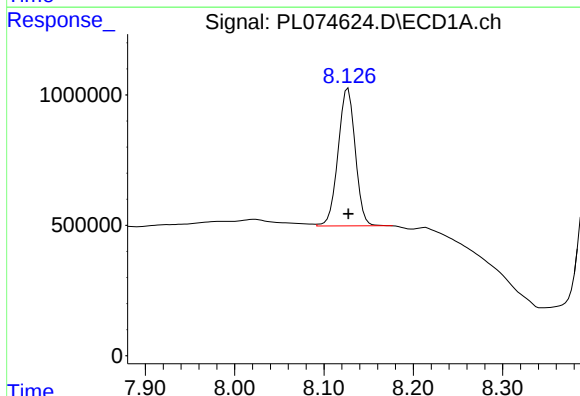
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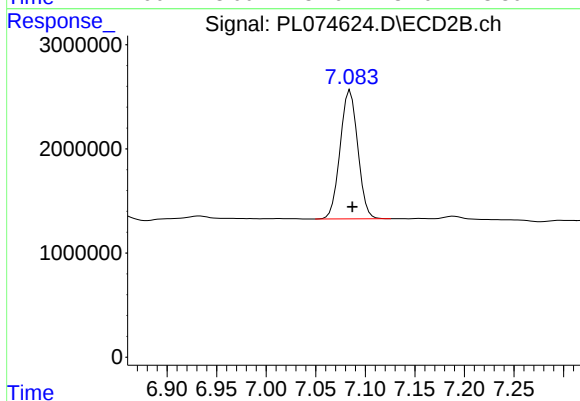
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 5471244
Conc: 3.50 ng/ml



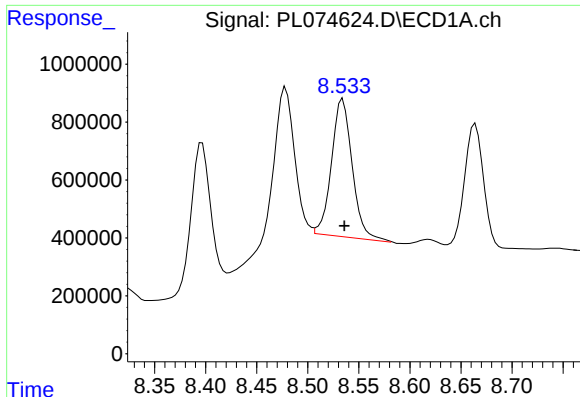
#8 Heptachlor epoxide

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 7033318
Conc: 12.37 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 15286206
Conc: 10.98 ng/ml



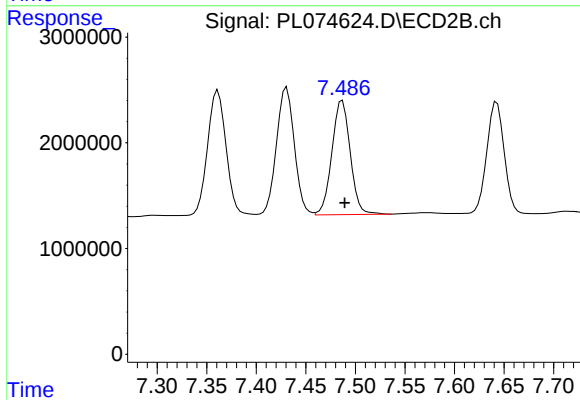
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 6702964
Conc: 11.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

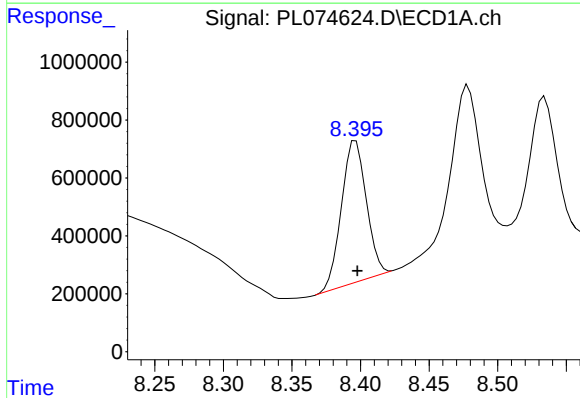
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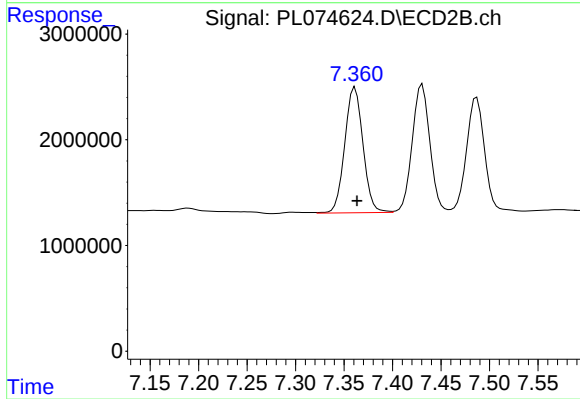
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 13884805
Conc: 11.10 ng/ml



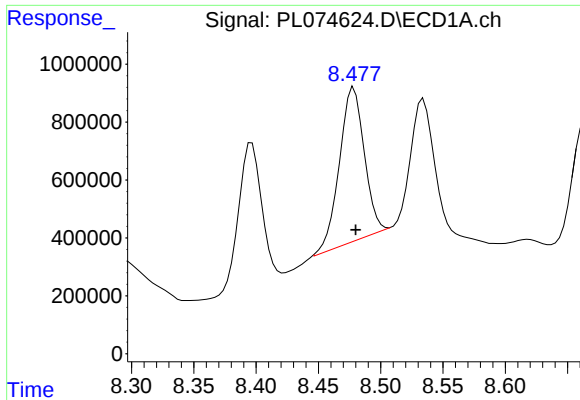
#10 gamma-Chlordane

R.T.: 8.395 min
Delta R.T.: -0.003 min
Response: 6218587
Conc: 12.02 ng/ml m



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 15564061
Conc: 11.23 ng/ml



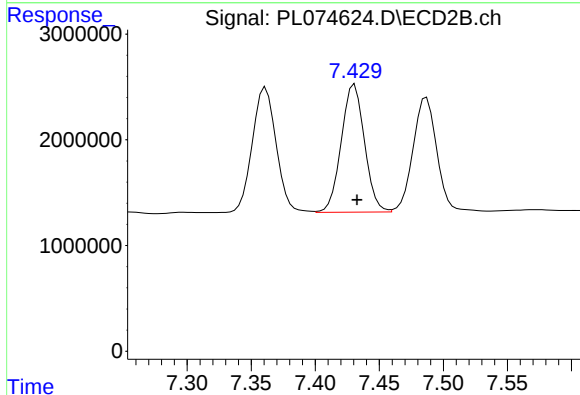
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 7450312
Conc: 12.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

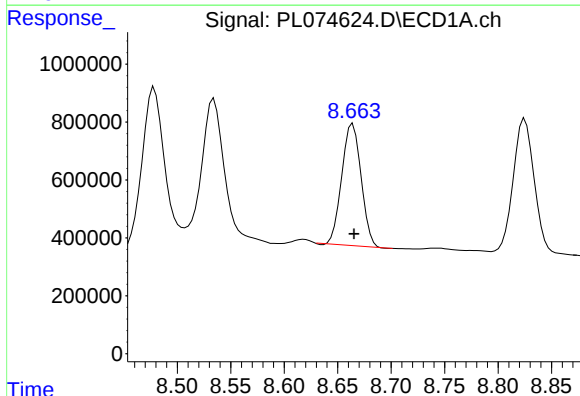
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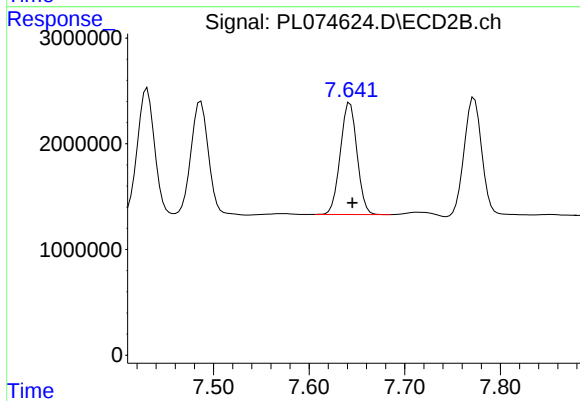
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 15268491
Conc: 11.29 ng/ml



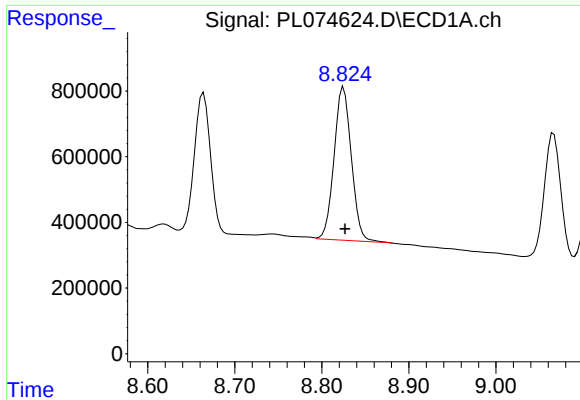
#12 4,4'-DDE

R.T.: 8.664 min
Delta R.T.: -0.001 min
Response: 5259551
Conc: 11.36 ng/ml



#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.003 min
Response: 12845050
Conc: 10.92 ng/ml



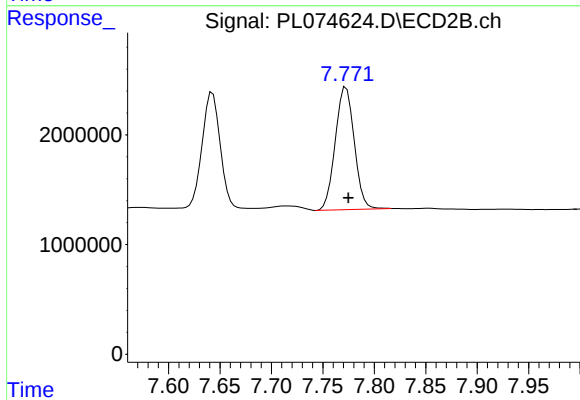
#13 Dieldrin

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 6421855
Conc: 12.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

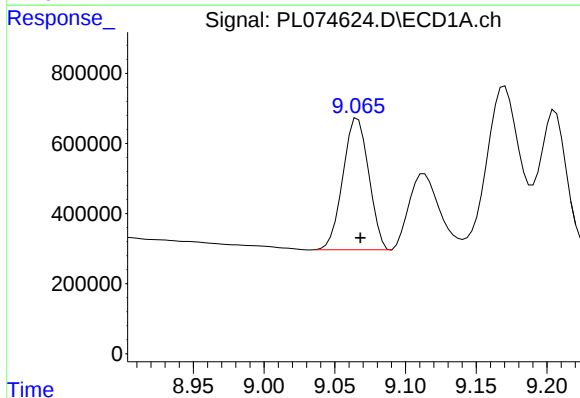
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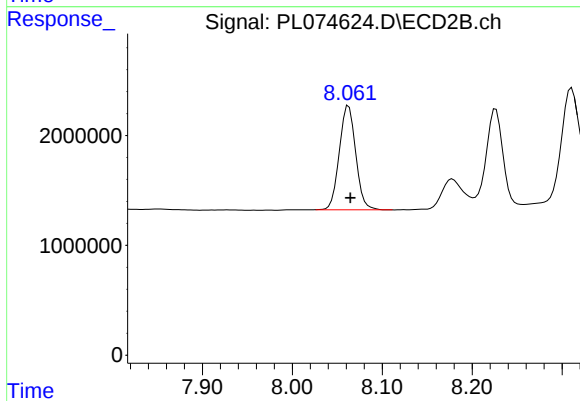
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 14347645
Conc: 11.26 ng/ml



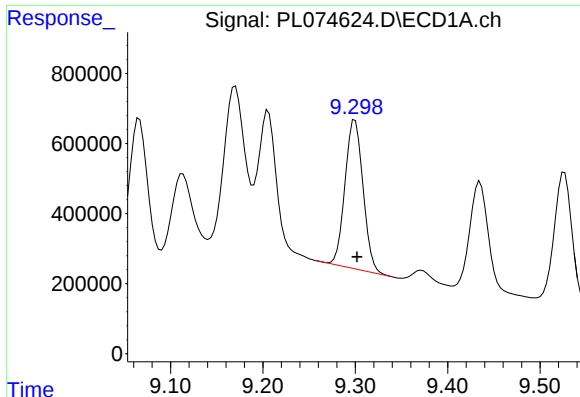
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 4791327
Conc: 11.61 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 12021874
Conc: 11.38 ng/ml



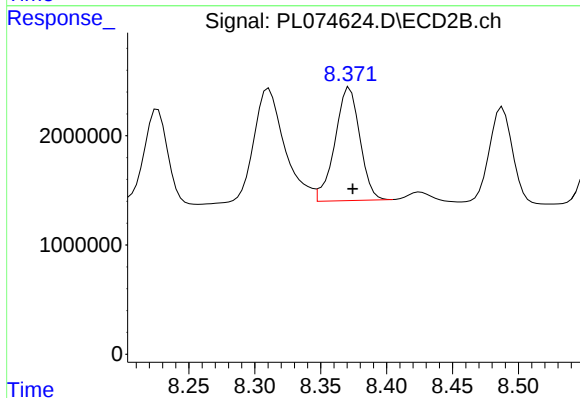
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 5736788
Conc: 13.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

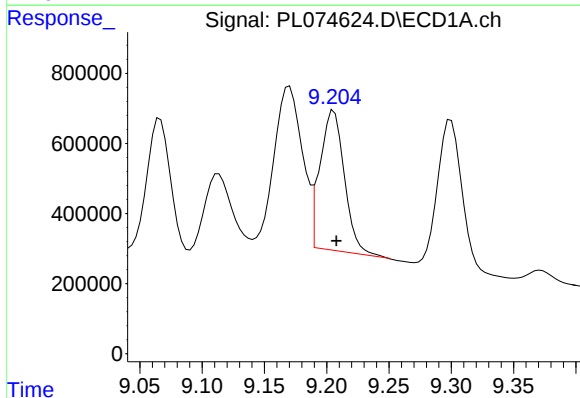
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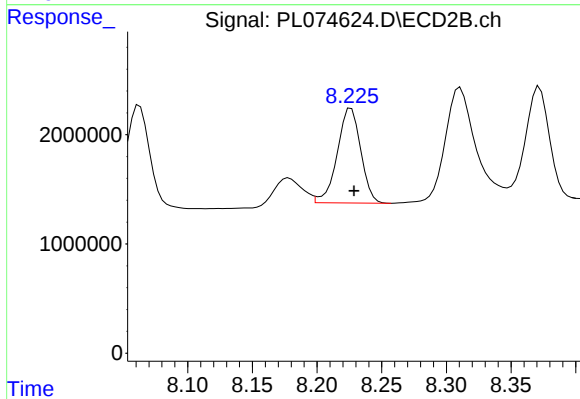
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 13638002
Conc: 12.07 ng/ml



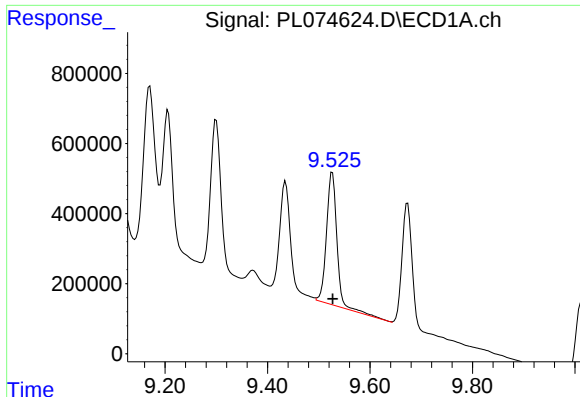
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 5303721
Conc: 11.73 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 10916468
Conc: 11.08 ng/ml m



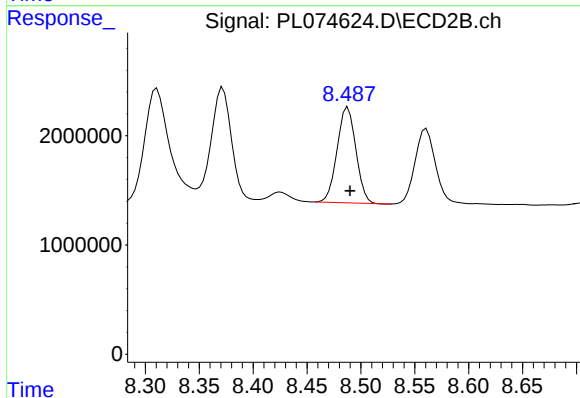
#17 4,4'-DDT

R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 5414821
Conc: 11.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

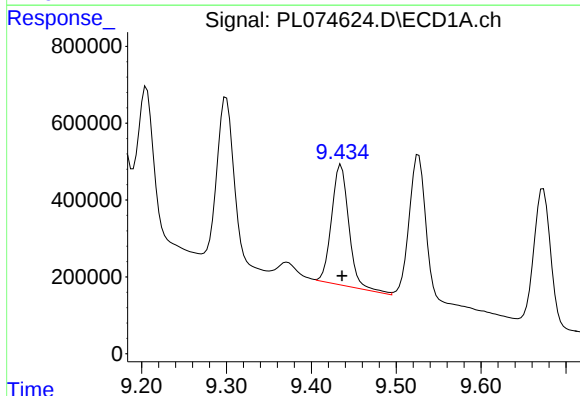
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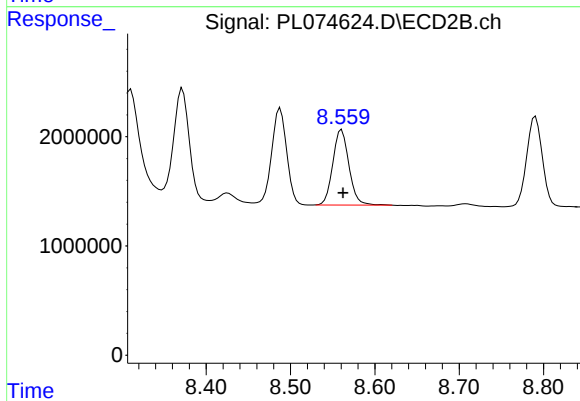
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 10568384
Conc: 10.56 ng/ml



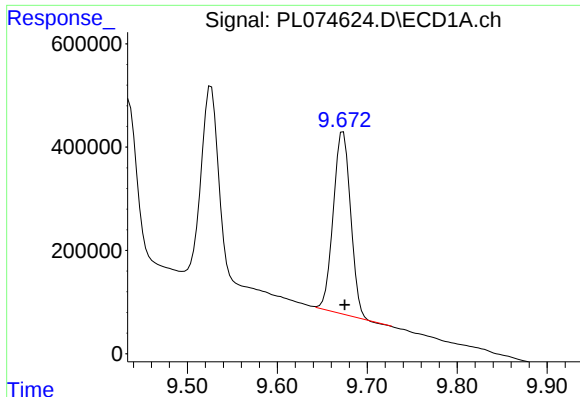
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: -0.001 min
Response: 4450893
Conc: 12.58 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 9179289
Conc: 11.49 ng/ml



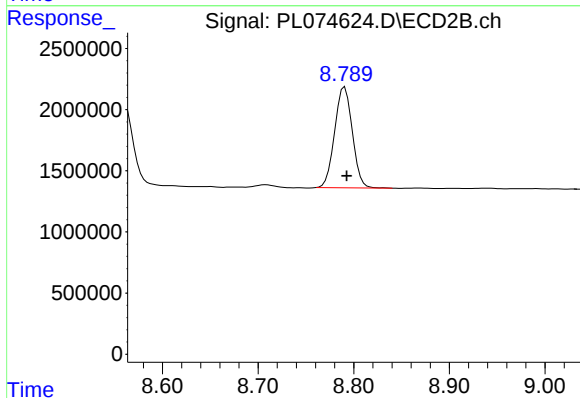
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 4611489
Conc: 10.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

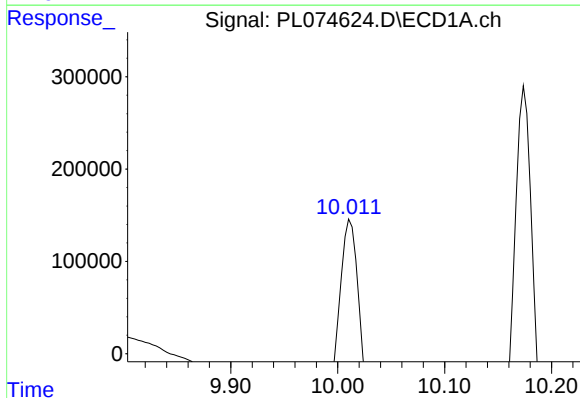
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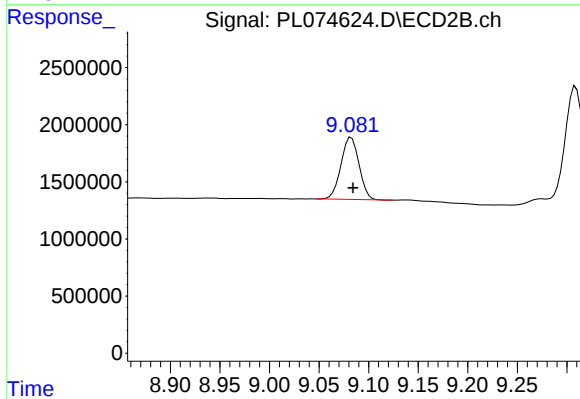
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 10587818
Conc: 9.73 ng/ml



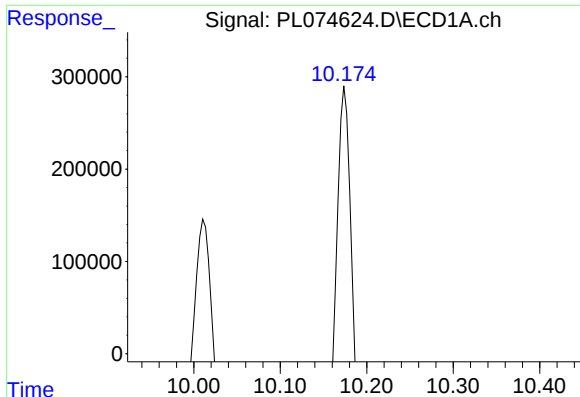
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 3077301
Conc: 12.56 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 6894745
Conc: 11.80 ng/ml



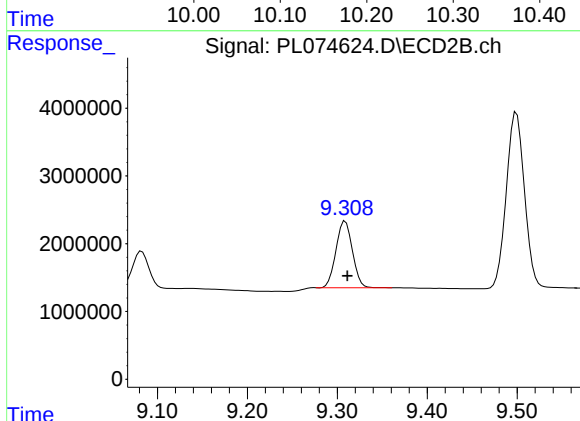
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 6181659
Conc: 12.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

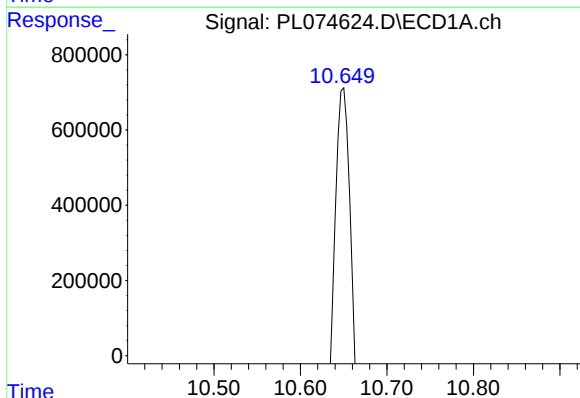
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



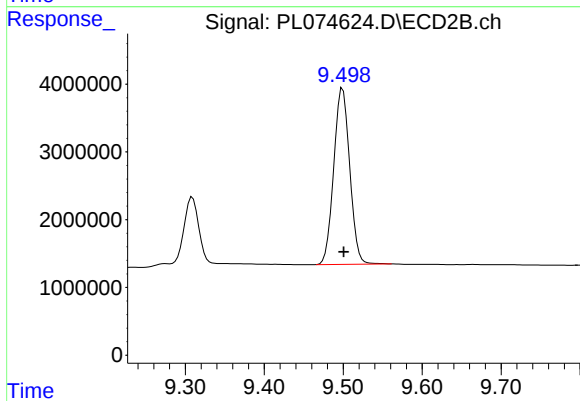
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 12520018
Conc: 11.23 ng/ml



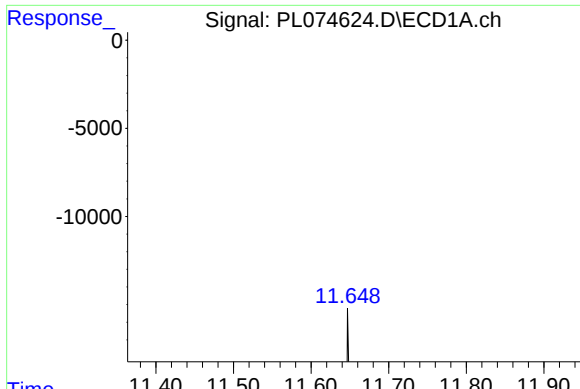
#22 Mirex

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 18000453
Conc: 44.61 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.001 min
Response: 36636777
Conc: 37.82 ng/ml



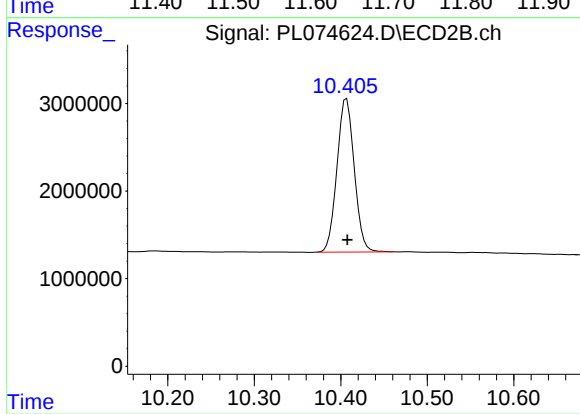
#28 Decachlorobiphenyl

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 12457278
Conc: 27.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144631BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 24171253
Conc: 23.55 ng/ml