

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 10:29
 Operator : AR\AJ
 Sample : PB144022BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144022BS

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 12 14:48:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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...	5.651	4.653	9937432	24115765	19.572	17.570
28) SA Decachlor...	11.652	10.406	10277001	23474557	23.012	22.870
Target Compounds						
2) A alpha-BHC	6.235	5.356	34480907	79123581	50.400	47.016
3) MA gamma-BHC...	6.634	5.777	32619319	75242484	50.534	45.535
4) MA Heptachlor	7.288	6.187	31539799	68702967	48.871	45.263
5) MB Aldrin	7.662	6.512	32143731	71923040	51.888	47.934
6) B beta-BHC	6.884	6.153	14358721	34306783	48.110	43.209
7) B delta-BHC	7.155	6.414	31912684	73418153	50.894	46.952
8) B Heptachlo...	8.130	7.086	29189379	65648228	51.322	47.168
9) A Endosulfan I	8.538	7.488	28862175	59384429	50.065	47.464
10) B gamma-Chl...	8.398	7.362	28369201	65665986	54.846m	47.384
11) B alpha-Chl...	8.482	7.431	31685984	65356408	49.184	48.347
12) B 4,4'-DDE	8.667	7.644	24879139	57836947	53.743	49.152
13) MA Dieldrin	8.828	7.773	28204344	64117885	53.660	50.332
14) MA Endrin	9.069	8.063	21937809	52632510	53.162	49.827
15) B Endosulfa...	9.303	8.373	24779156	56822494	56.367	50.303
16) A 4,4'-DDD	9.209	8.227	23618891	51392873	52.240	52.168
17) MA 4,4'-DDT	9.529	8.488	21041948	45148935	44.274	45.126
18) B Endrin al...	9.438	8.561	20978726	44534624	57.574	55.760
19) B Endosulfa...	9.676	8.791	23954012	54550123	52.999	50.113
20) A Methoxychlor	10.015	9.082	12256792	27776803	50.046	47.531
21) B Endrin ke...	10.178	9.310	27803188	59655624	54.214	53.508
22) Mirex	10.653	9.499	21938998	49496162	54.370	51.101

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 10:29
 Operator : AR\AJ
 Sample : PB144022BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

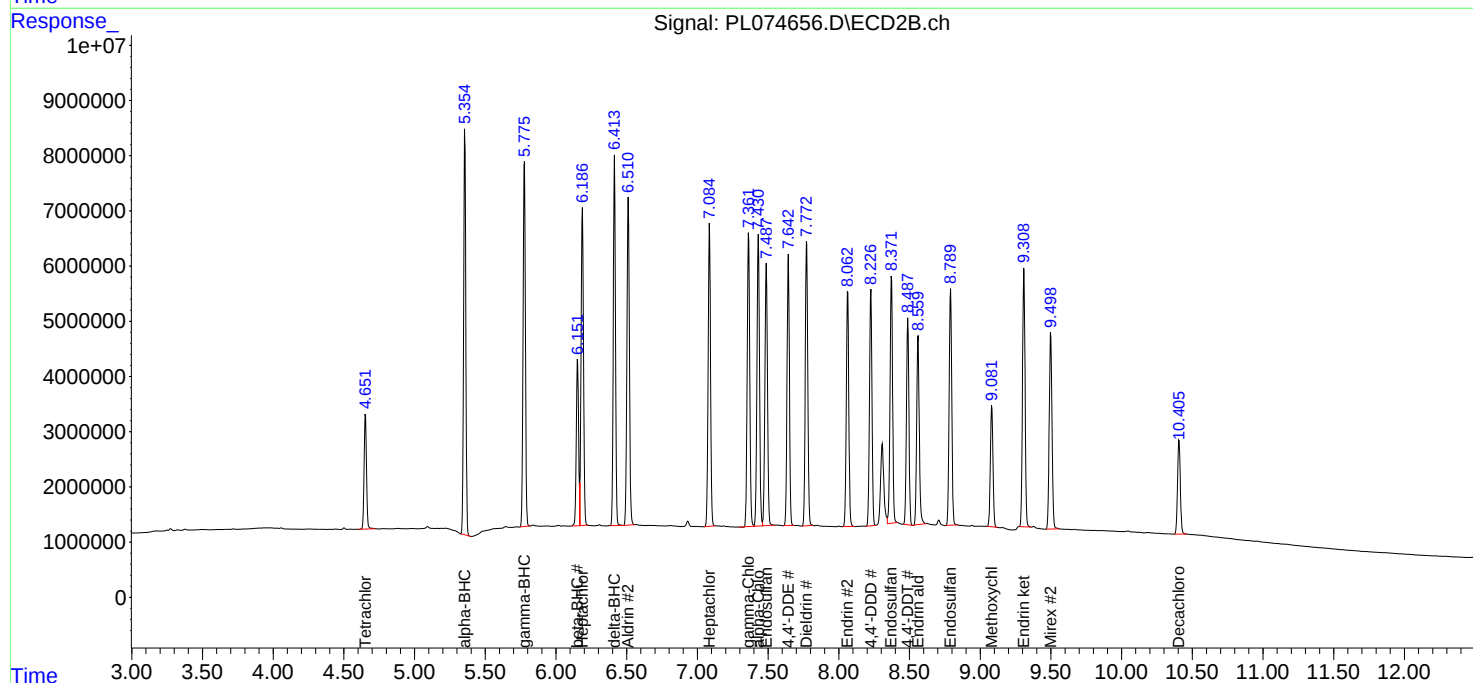
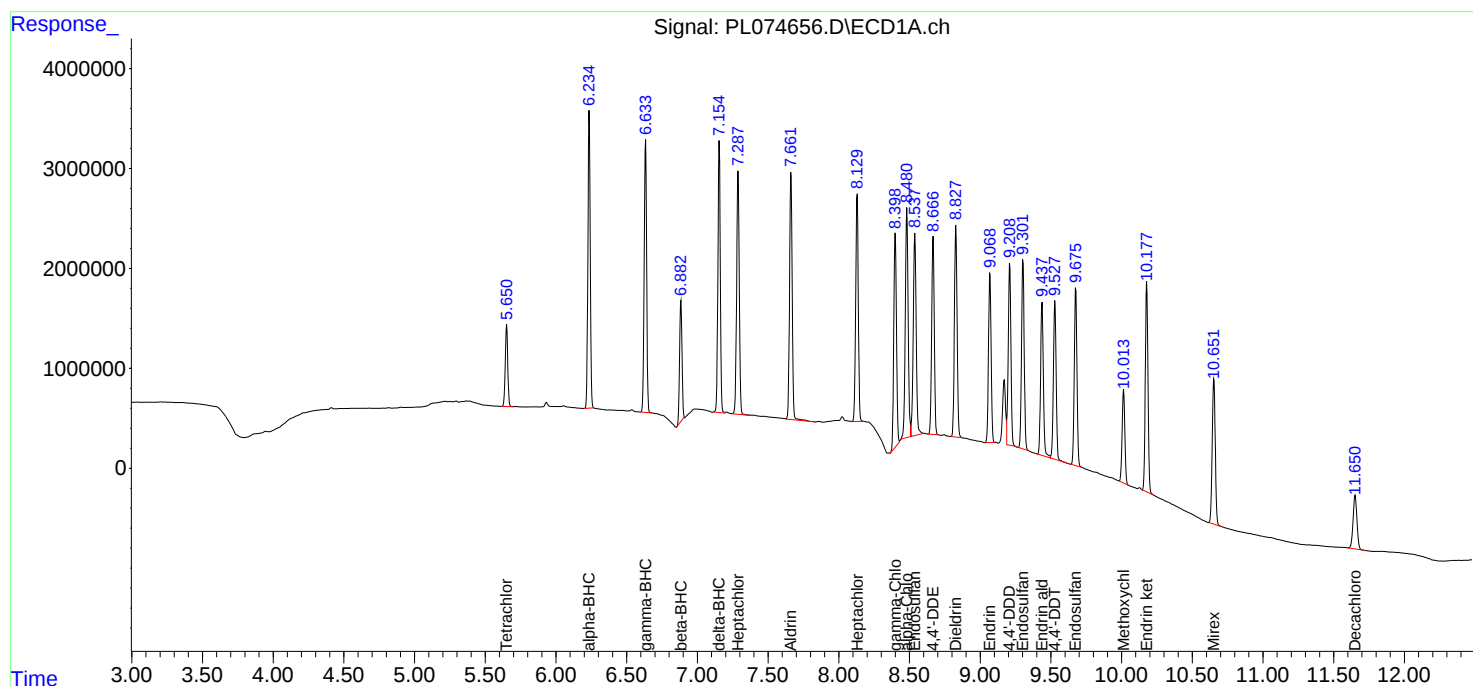
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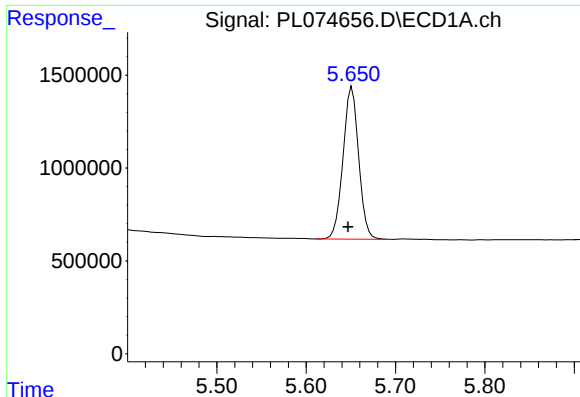
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:48:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





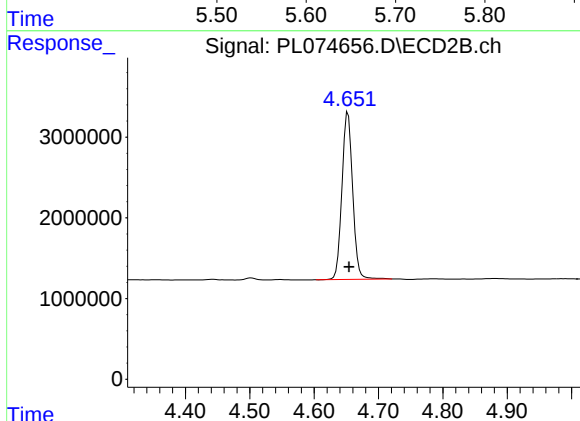
#1 Tetrachloro-m-xylene

R.T.: 5.651 min
Delta R.T.: 0.004 min
Response: 9937432
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

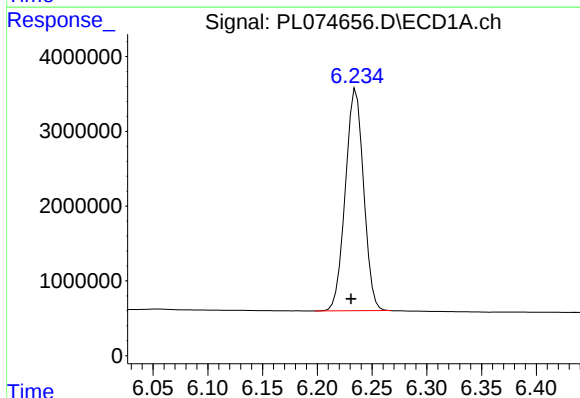
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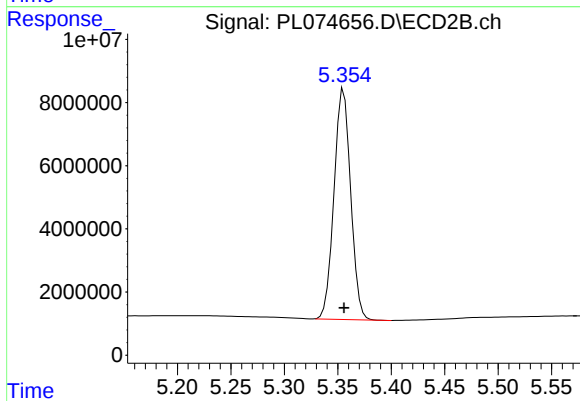
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 24115765
Conc: 17.57 ng/ml



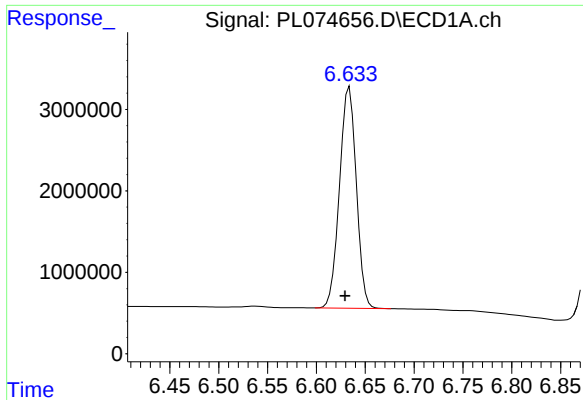
#2 alpha-BHC

R.T.: 6.235 min
Delta R.T.: 0.005 min
Response: 34480907
Conc: 50.40 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 79123581
Conc: 47.02 ng/ml



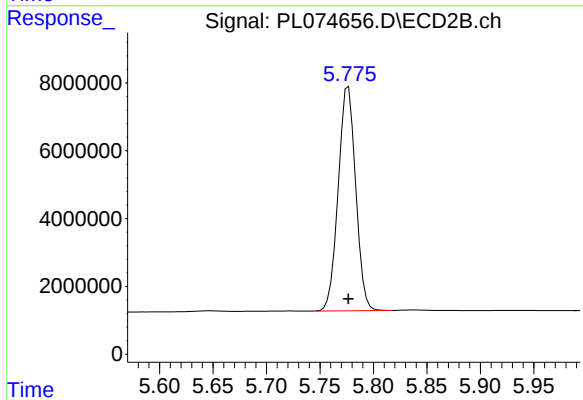
#3 gamma-BHC (Lindane)

R.T.: 6.634 min
Delta R.T.: 0.005 min
Response: 32619319
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

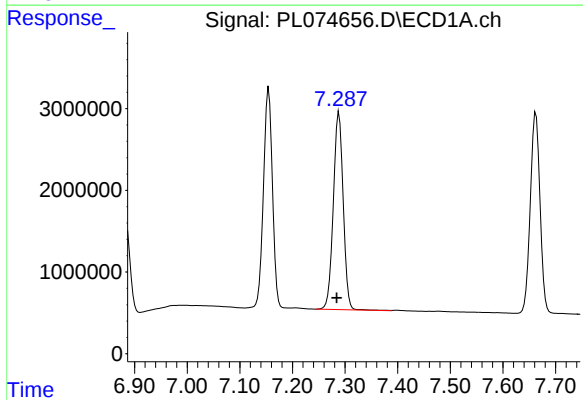
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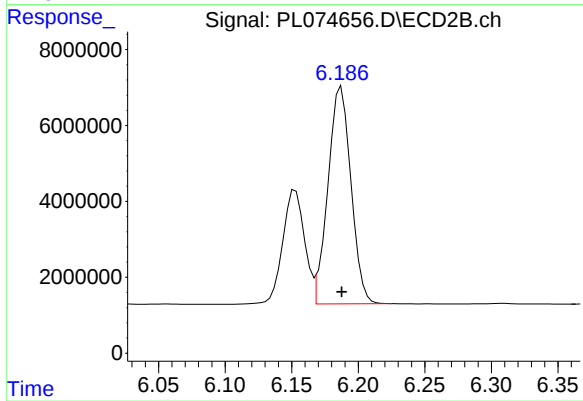
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 75242484
Conc: 45.54 ng/ml



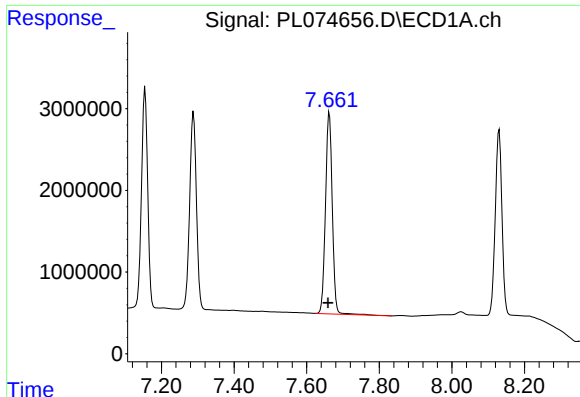
#4 Heptachlor

R.T.: 7.288 min
Delta R.T.: 0.004 min
Response: 31539799
Conc: 48.87 ng/ml



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 68702967
Conc: 45.26 ng/ml



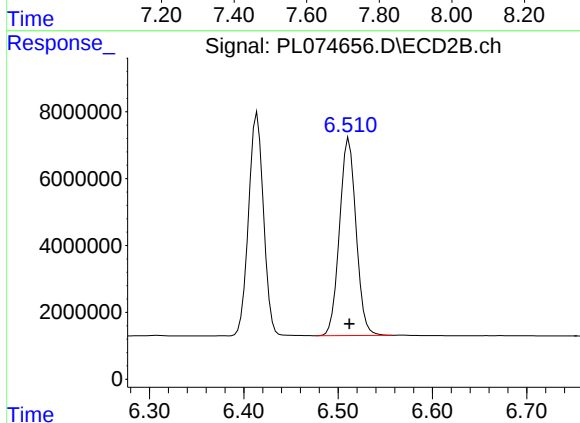
#5 Aldrin

R.T.: 7.662 min
Delta R.T.: 0.003 min
Response: 32143731
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

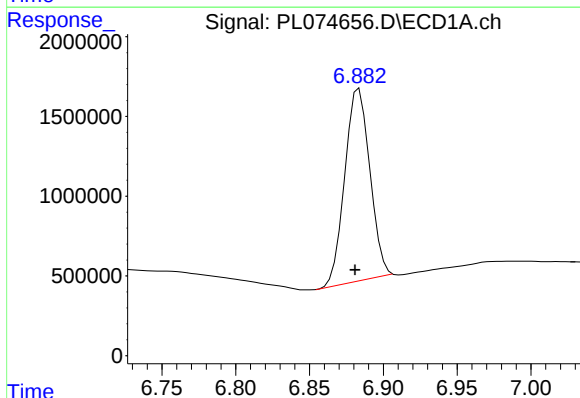
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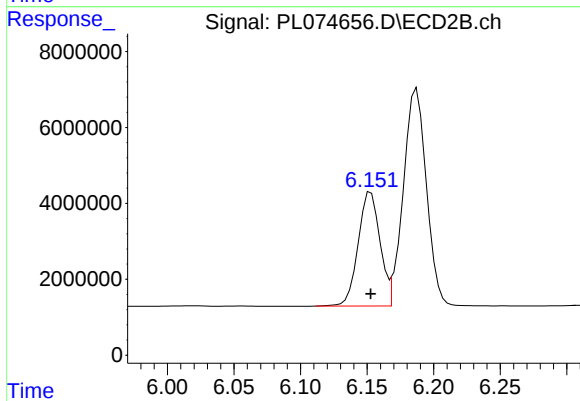
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 71923040
Conc: 47.93 ng/ml



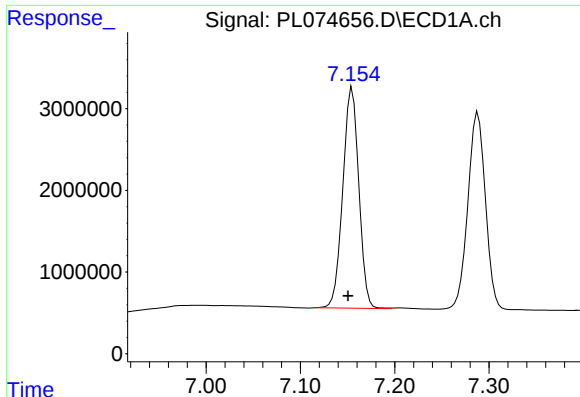
#6 beta-BHC

R.T.: 6.884 min
Delta R.T.: 0.003 min
Response: 14358721
Conc: 48.11 ng/ml



#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 34306783
Conc: 43.21 ng/ml



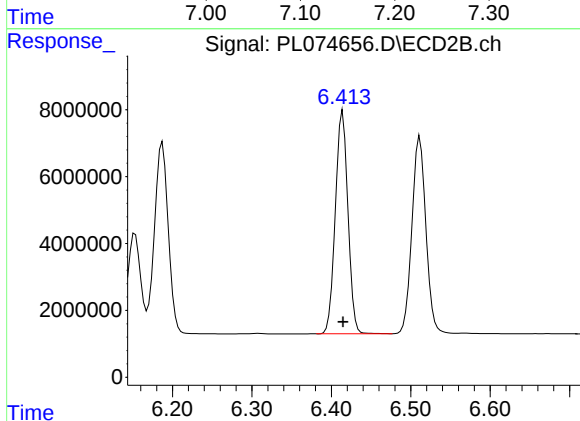
#7 delta-BHC

R.T.: 7.155 min
Delta R.T.: 0.005 min
Response: 31912684
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

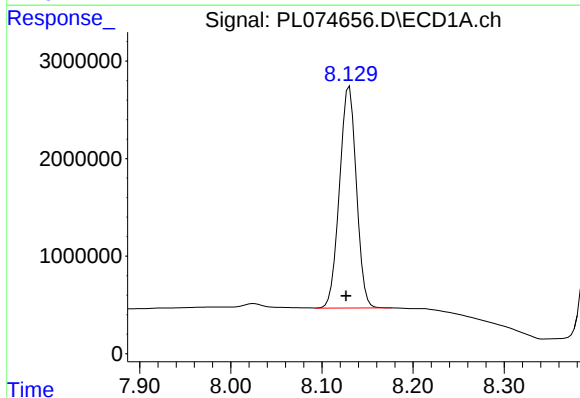
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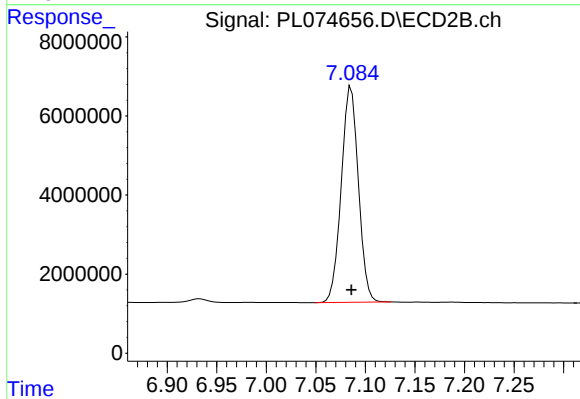
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 73418153
Conc: 46.95 ng/ml



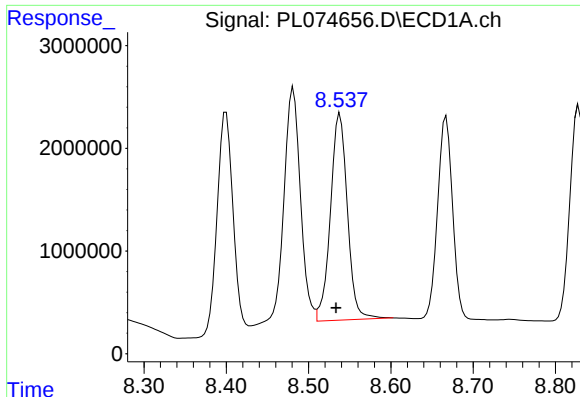
#8 Heptachlor epoxide

R.T.: 8.130 min
Delta R.T.: 0.004 min
Response: 29189379
Conc: 51.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 65648228
Conc: 47.17 ng/ml



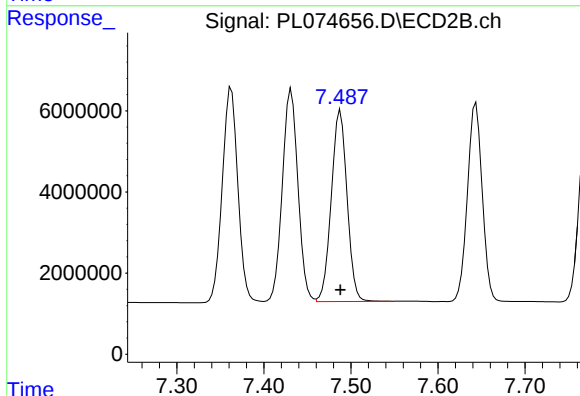
#9 Endosulfan I

R.T.: 8.538 min
Delta R.T.: 0.005 min
Response: 28862175
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

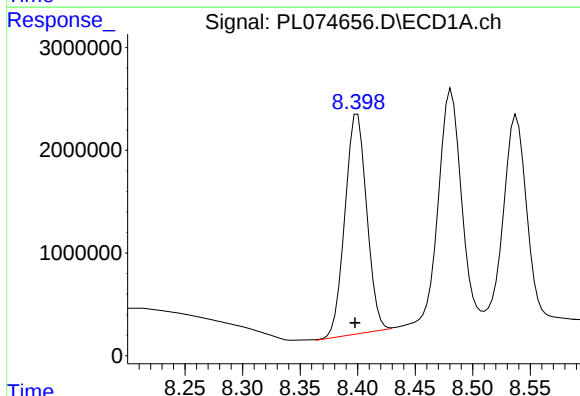
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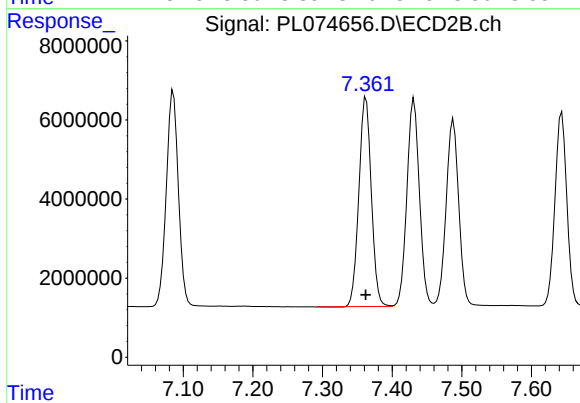
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 59384429
Conc: 47.46 ng/ml



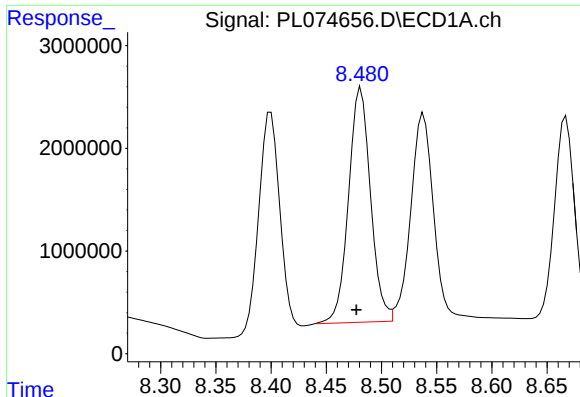
#10 gamma-Chlordane

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 28369201
Conc: 54.85 ng/ml m



#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 65665986
Conc: 47.38 ng/ml



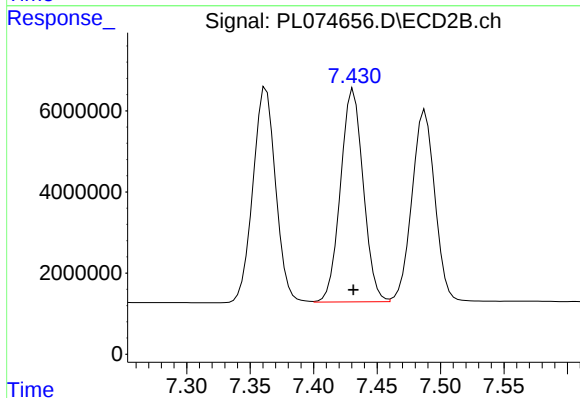
#11 alpha-Chlordane

R.T.: 8.482 min
Delta R.T.: 0.004 min
Response: 31685984
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

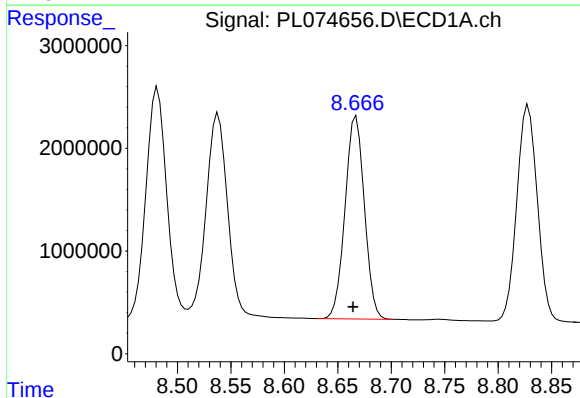
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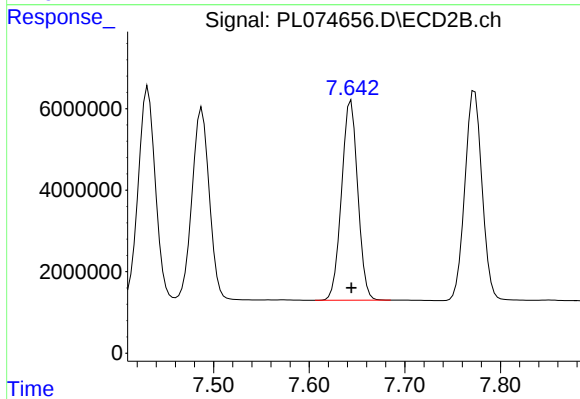
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 65356408
Conc: 48.35 ng/ml



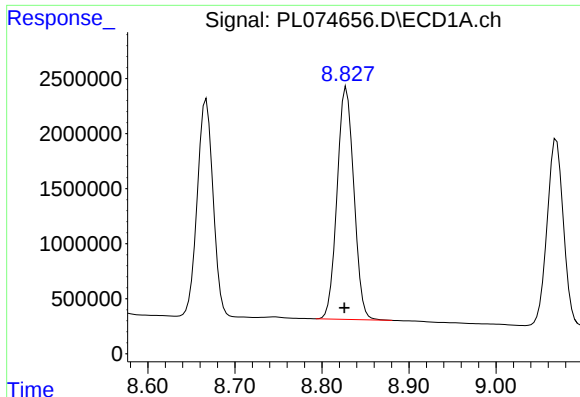
#12 4,4'-DDE

R.T.: 8.667 min
Delta R.T.: 0.003 min
Response: 24879139
Conc: 53.74 ng/ml



#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 57836947
Conc: 49.15 ng/ml



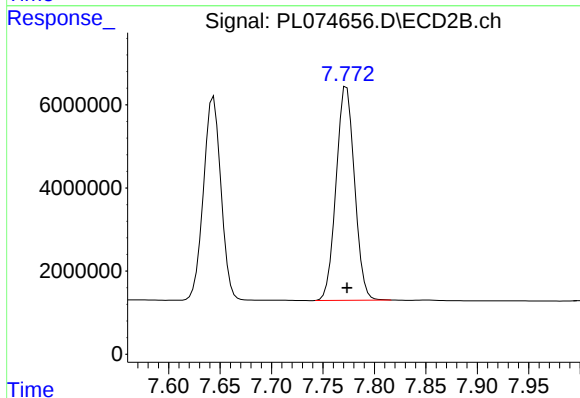
#13 Dieldrin

R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 28204344
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

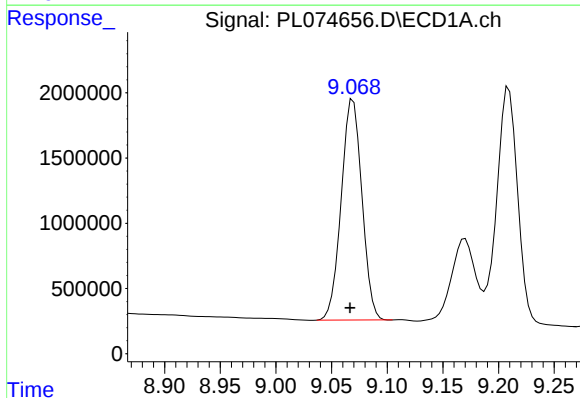
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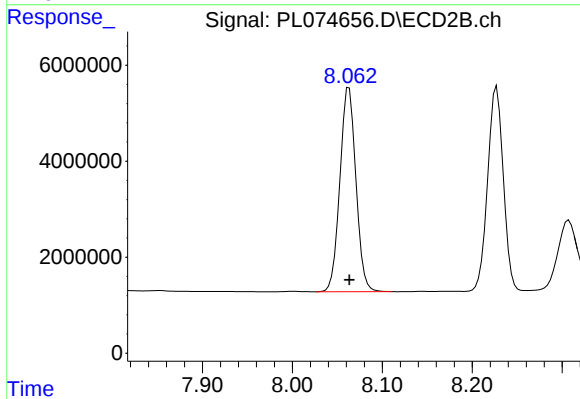
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 64117885
Conc: 50.33 ng/ml



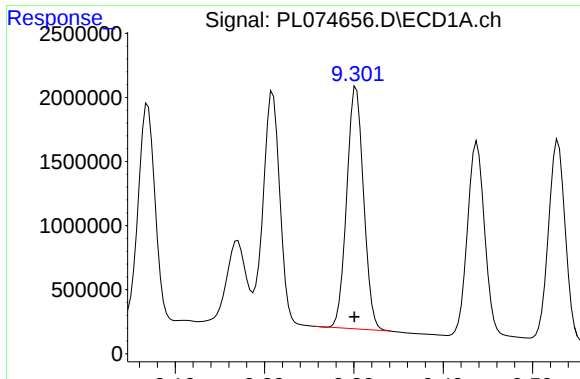
#14 Endrin

R.T.: 9.069 min
Delta R.T.: 0.003 min
Response: 21937809
Conc: 53.16 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 52632510
Conc: 49.83 ng/ml



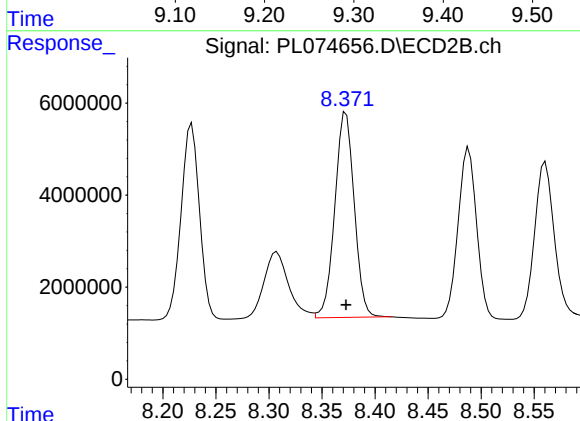
#15 Endosulfan II

R.T.: 9.303 min
Delta R.T.: 0.002 min
Response: 24779156
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

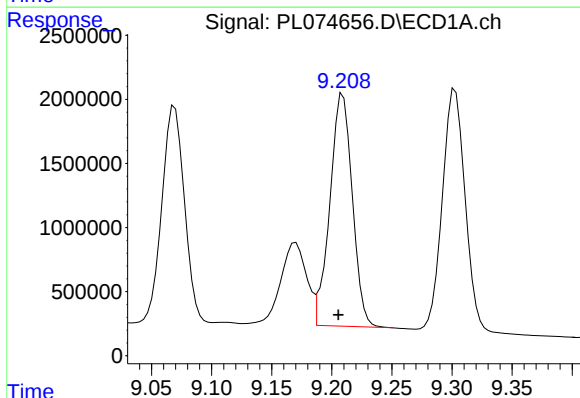
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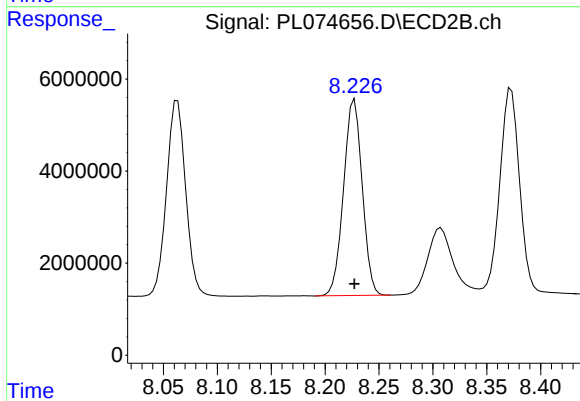
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 56822494
Conc: 50.30 ng/ml



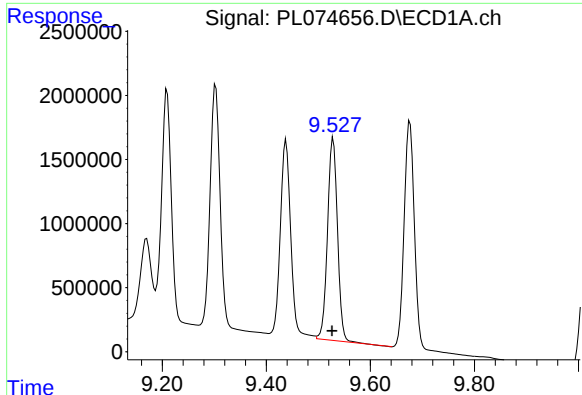
#16 4,4'-DDD

R.T.: 9.209 min
Delta R.T.: 0.004 min
Response: 23618891
Conc: 52.24 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 51392873
Conc: 52.17 ng/ml



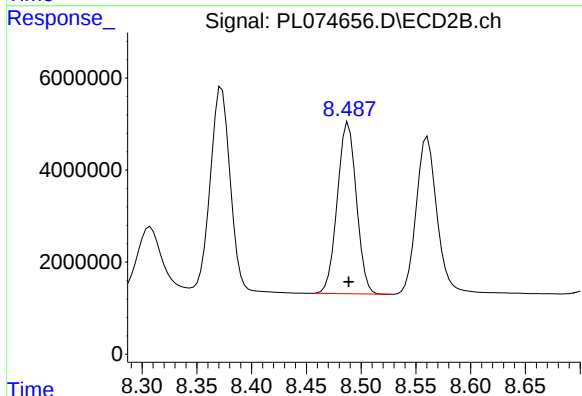
#17 4,4'-DDT

R.T.: 9.529 min
Delta R.T.: 0.002 min
Response: 21041948
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

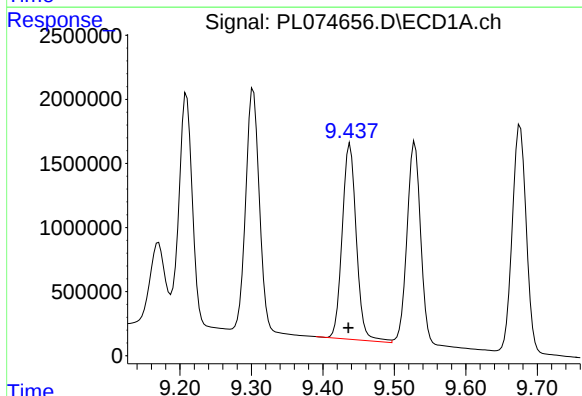
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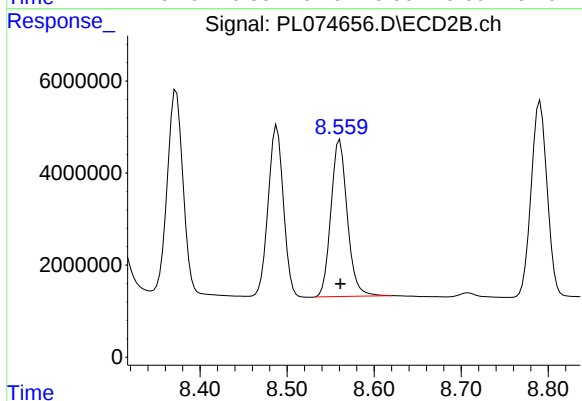
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 45148935
Conc: 45.13 ng/ml



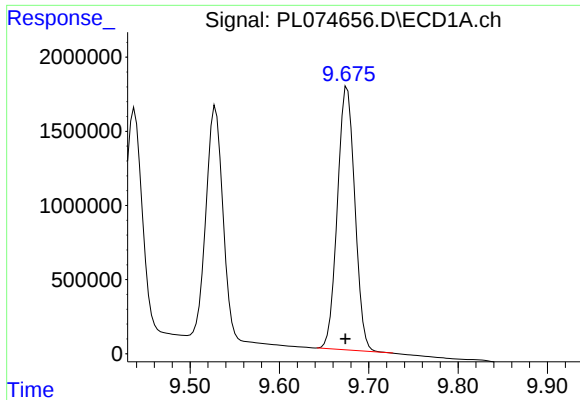
#18 Endrin aldehyde

R.T.: 9.438 min
Delta R.T.: 0.002 min
Response: 20978726
Conc: 57.57 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 44534624
Conc: 55.76 ng/ml



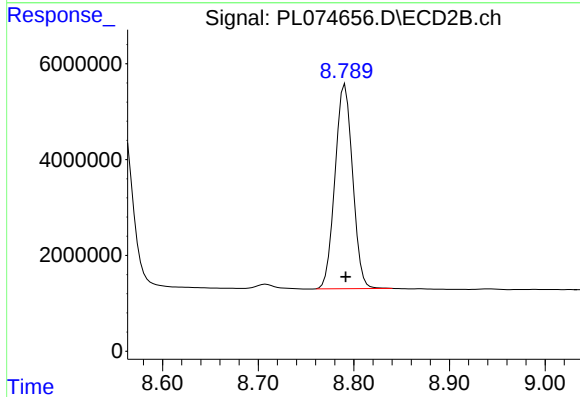
#19 Endosulfan Sulfate

R.T.: 9.676 min
Delta R.T.: 0.002 min
Response: 23954012
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

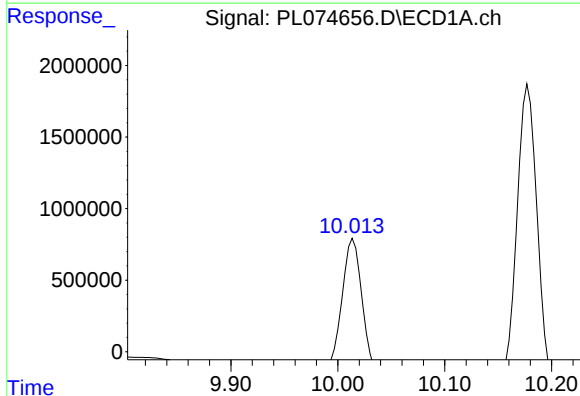
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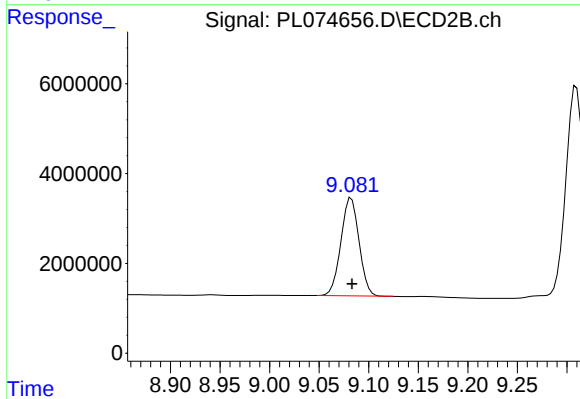
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 54550123
Conc: 50.11 ng/ml



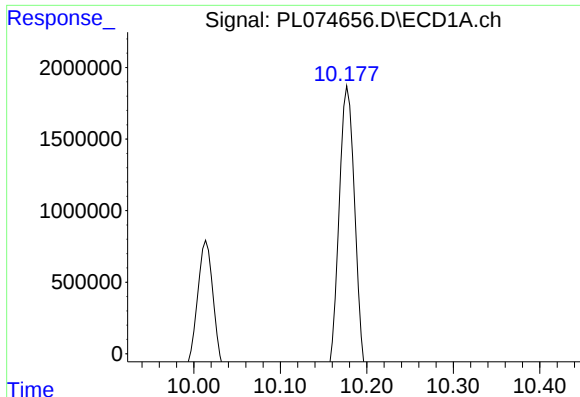
#20 Methoxychlor

R.T.: 10.015 min
Delta R.T.: 0.003 min
Response: 12256792
Conc: 50.05 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 27776803
Conc: 47.53 ng/ml



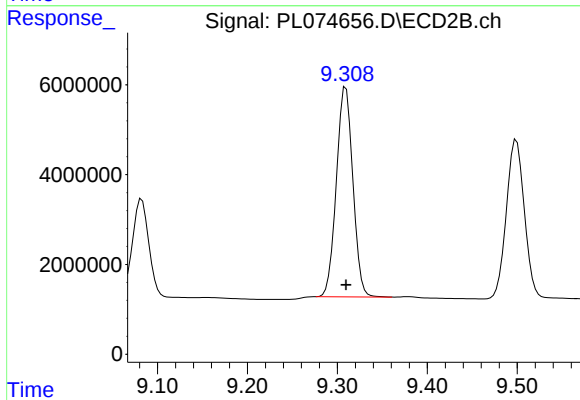
#21 Endrin ketone

R.T.: 10.178 min
Delta R.T.: 0.002 min
Response: 27803188
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

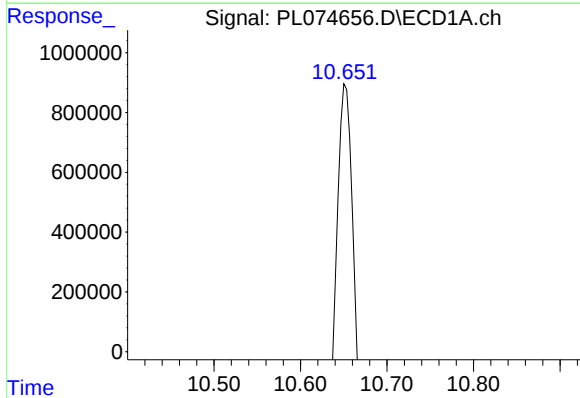
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Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



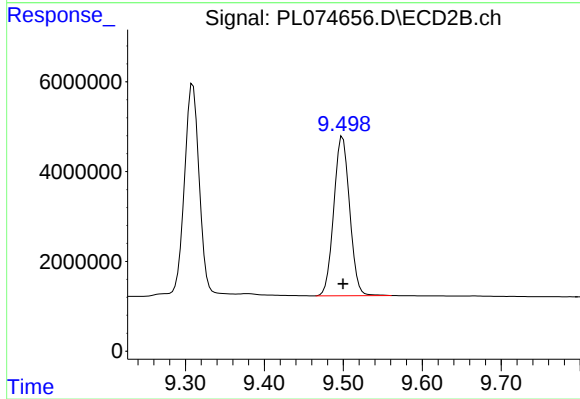
#21 Endrin ketone

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 59655624
Conc: 53.51 ng/ml



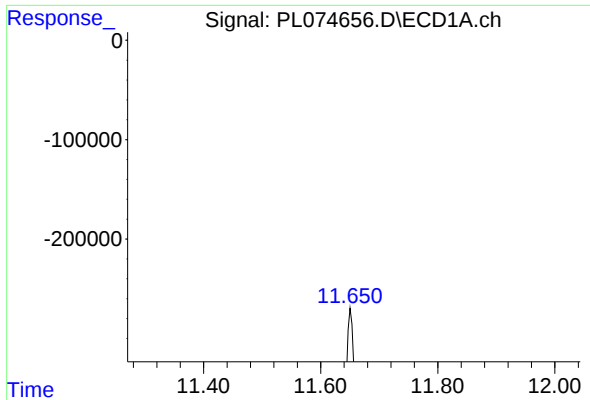
#22 Mirex

R.T.: 10.653 min
Delta R.T.: 0.003 min
Response: 21938998
Conc: 54.37 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 49496162
Conc: 51.10 ng/ml



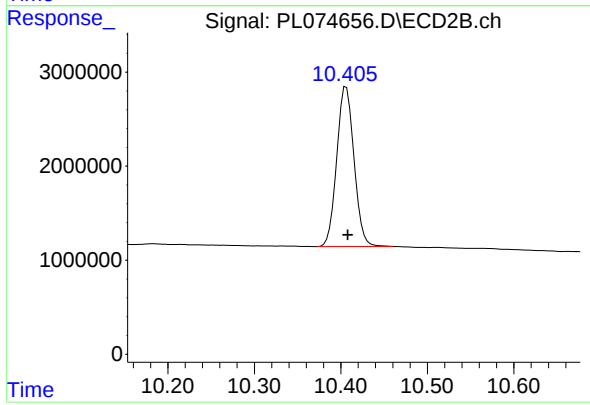
#28 Decachlorobiphenyl

R.T.: 11.652 min
Delta R.T.: 0.002 min
Response: 10277001
Conc: 23.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144022BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 23474557
Conc: 22.87 ng/ml