

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
 Data File : PL082110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 13:50
 Operator : AR\AJ
 Sample : 02341-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH1-BOT-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/17/2023
 Supervised By : Ankita Jodhani 04/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:18:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 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...	3.325	2.652	36915061	34793262	15.871	17.430
28) SA Decachlor...	8.746	7.765	28978915	35511194	16.193	17.906m
Target Compounds						
2) A alpha-BHC	3.775	3.151	143.3E6	131.5E6	41.811	45.128
3) MA gamma-BHC...	4.103	3.479	135.0E6	129.1E6	42.509	46.353
4) MA Heptachlor	4.681	3.811	122.0E6	126.5E6	38.710m	44.115
5) MB Aldrin	5.019	4.088	121.1E6	126.9E6	42.341	47.618
6) B beta-BHC	4.306	3.779	62351579	54569188	41.427	45.819
7) B delta-BHC	4.549	4.006	126.1E6	123.4E6	41.479	47.711
8) B Heptachlo...	5.445	4.589	108.0E6	112.0E6	39.690	46.118
9) A Endosulfan I	5.826	4.957	100.9E6	103.8E6	40.837	47.029
10) B gamma-Chl...	5.700	4.838	105.9E6	110.2E6	40.328	45.349
11) B alpha-Chl...	5.778	4.901	104.4E6	112.3E6	40.322	46.230
12) B 4,4'-DDE	5.956	5.092	92536838	95826035	41.061	48.648
13) MA Dieldrin	6.100	5.221	101.3E6	107.8E6	41.861	47.936
14) MA Endrin	6.327	5.496	84934541	94331629	40.154	46.613
15) B Endosulfa...	6.549	5.791	89503202	90472898	42.177	49.874m
16) A 4,4'-DDD	6.471	5.647	77702624	79836584	43.085	52.609
17) MA 4,4'-DDT	6.783	5.895	68875640	72807582	33.935	42.250
18) B Endrin al...	6.679	5.972	70259306	77010275	42.943	49.589
19) B Endosulfa...	6.913	6.193	84988469	90195093	40.781	46.356m
20) A Methoxychlor	7.263	6.474	40640656	45282390	37.739	45.463m
21) B Endrin ke...	7.393	6.700	88800426	101.2E6	42.394	47.339
22) Mirex	7.856	6.870	70184207	85779120	40.965m	44.683m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
Data File : PL082110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2023 13:50
Operator : AR\AJ
Sample : 02341-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

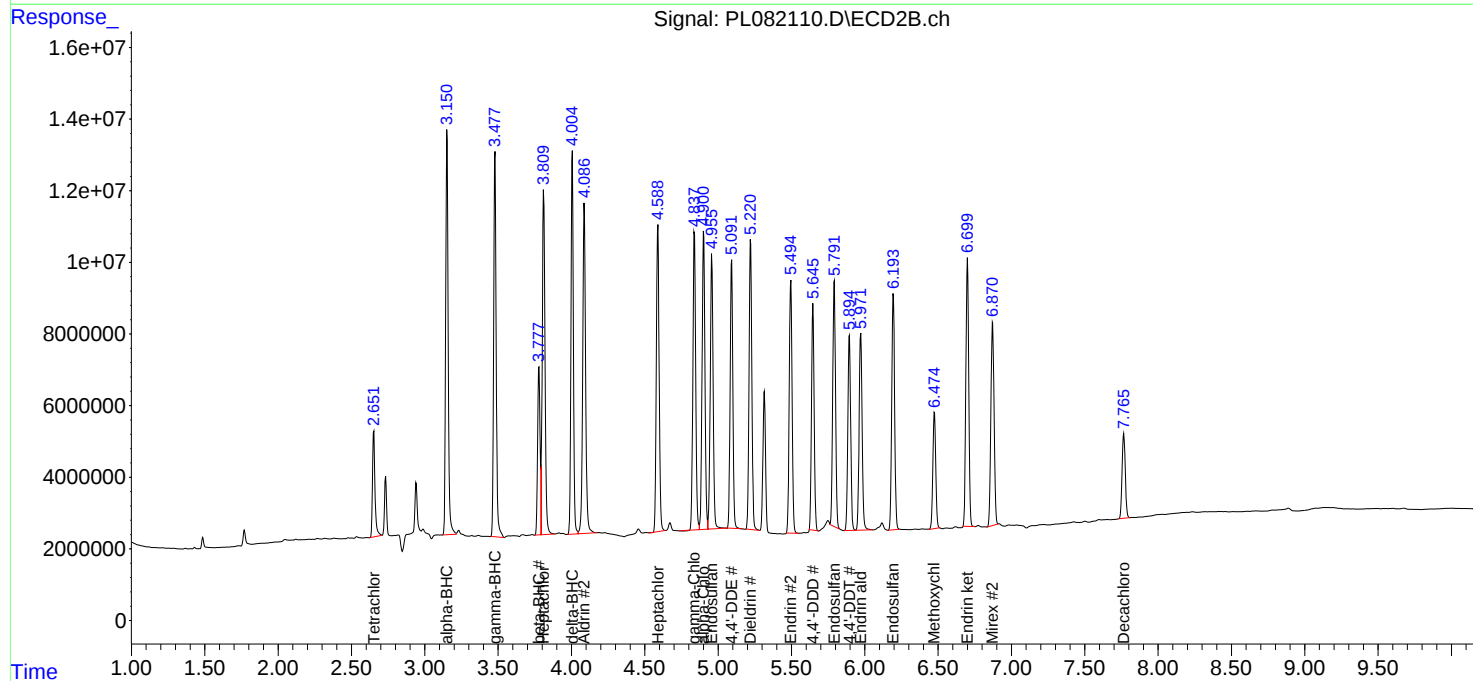
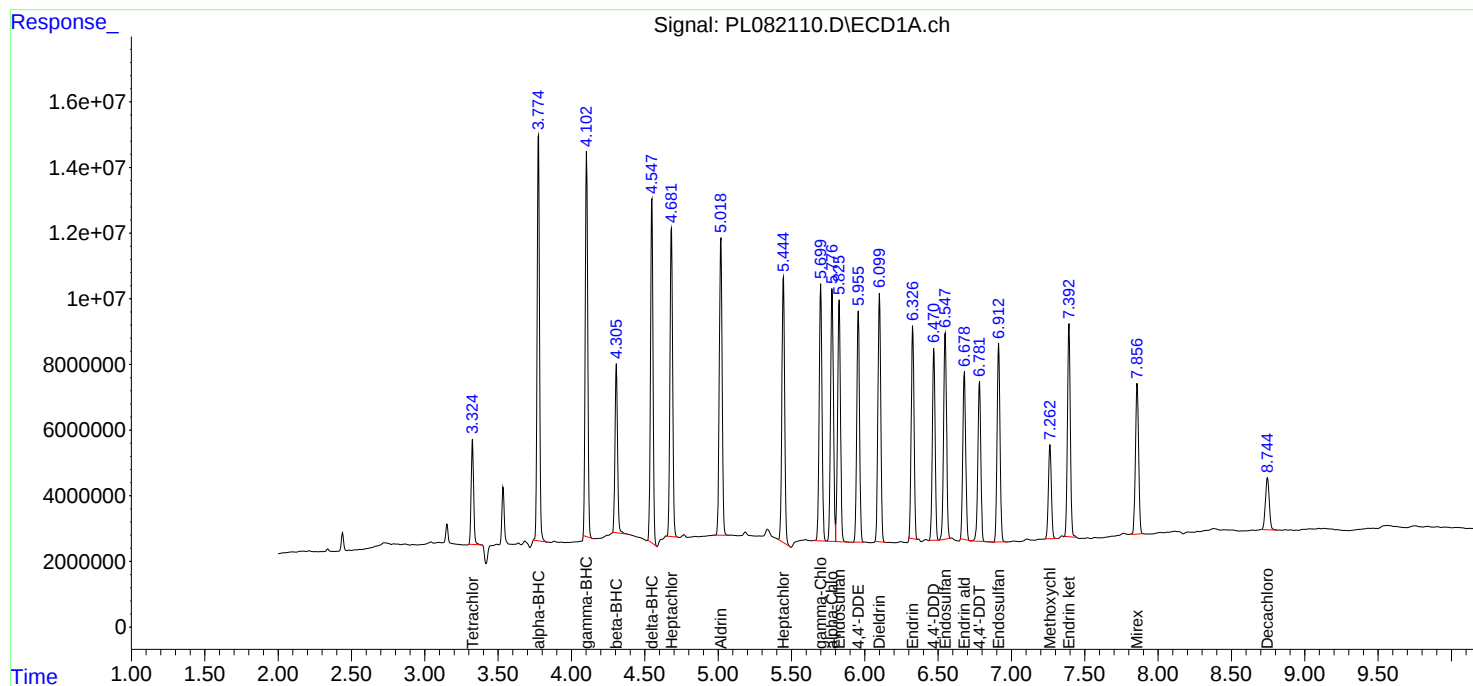
Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

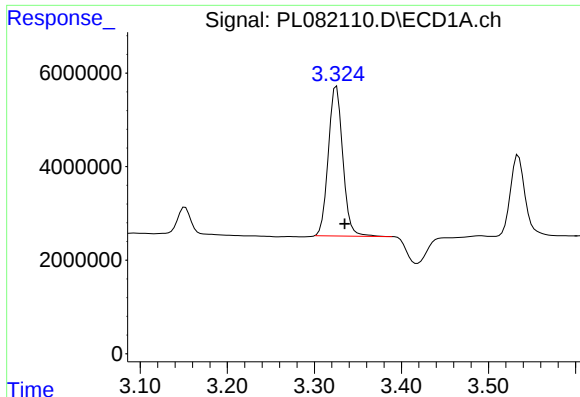
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 04/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 22:18:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
Response via : Initial Calibration
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





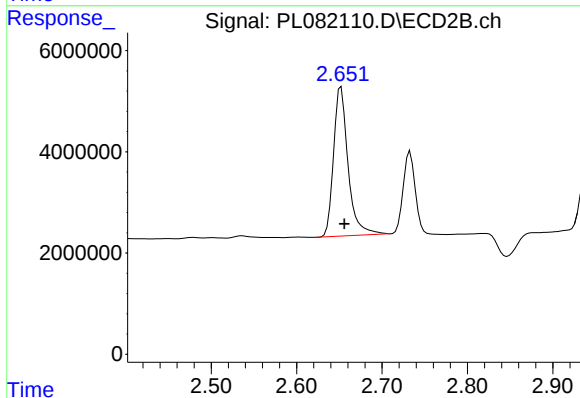
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 36915061
Conc: 15.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

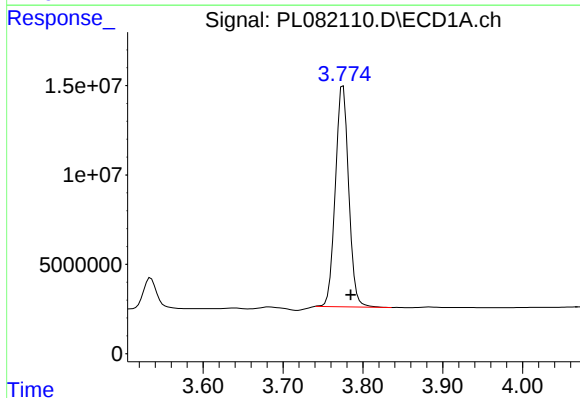
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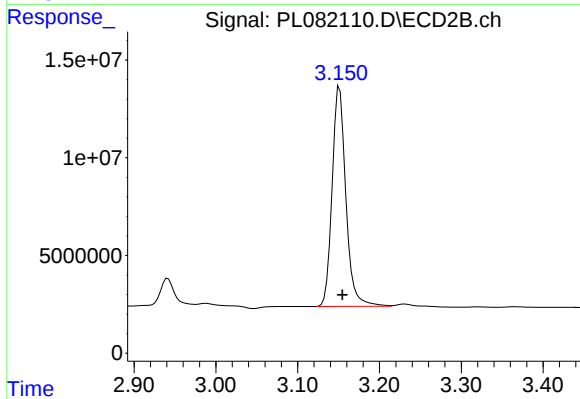
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 34793262
Conc: 17.43 ng/ml



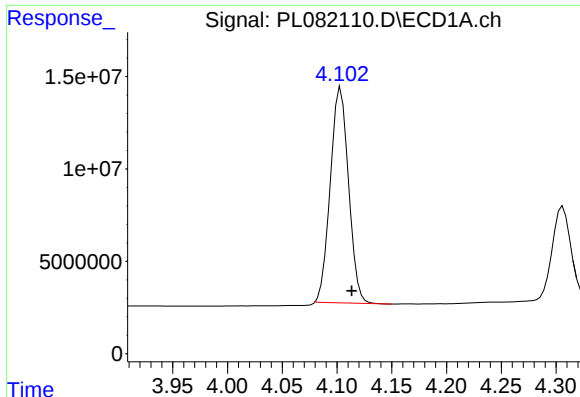
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 143343825
Conc: 41.81 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 131547578
Conc: 45.13 ng/ml



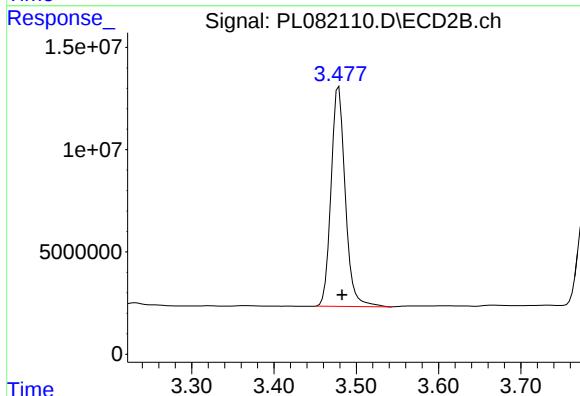
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 135045325
Conc: 42.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

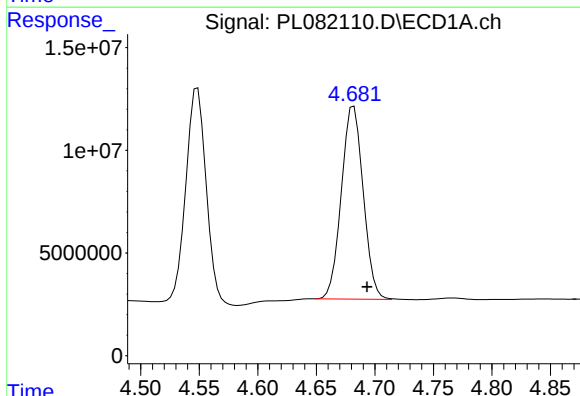
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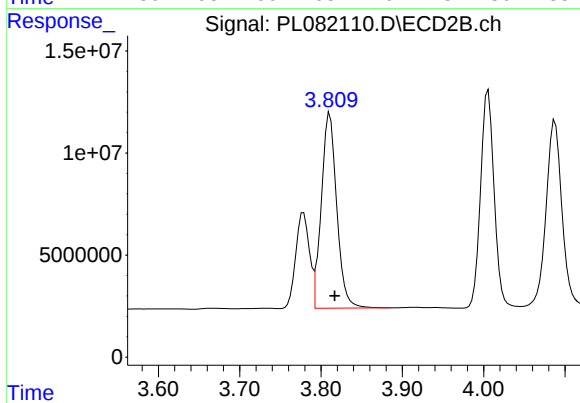
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 129056253
Conc: 46.35 ng/ml



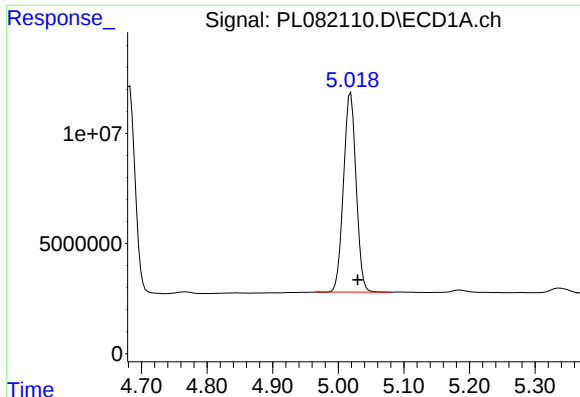
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.013 min
Response: 122020004
Conc: 38.71 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 126476170
Conc: 44.12 ng/ml



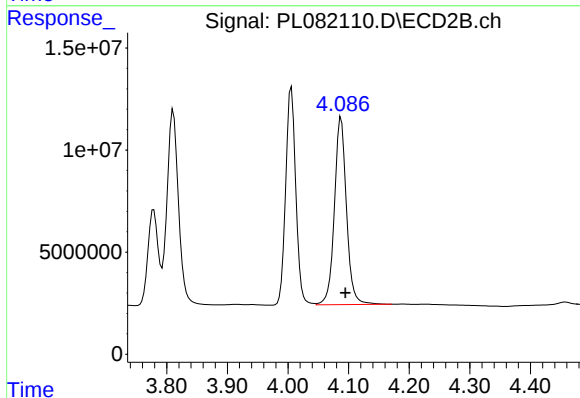
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 121108770
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

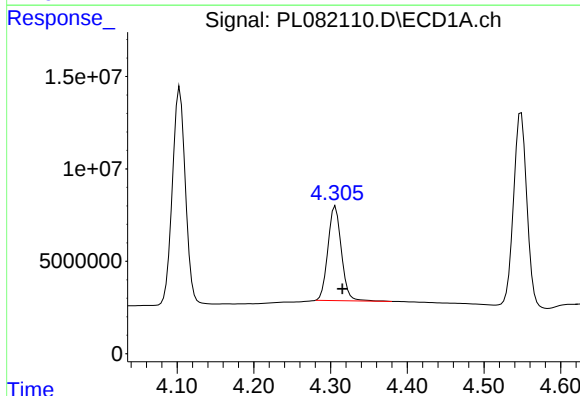
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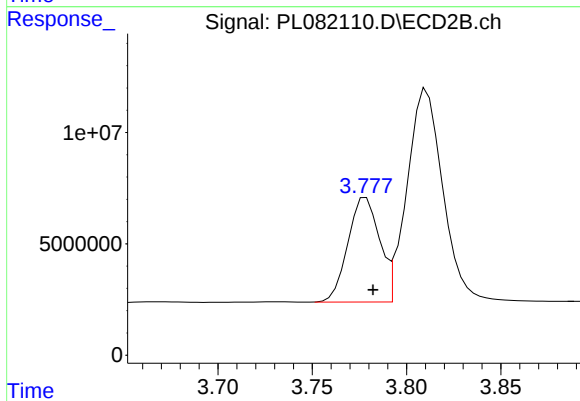
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 126877083
Conc: 47.62 ng/ml



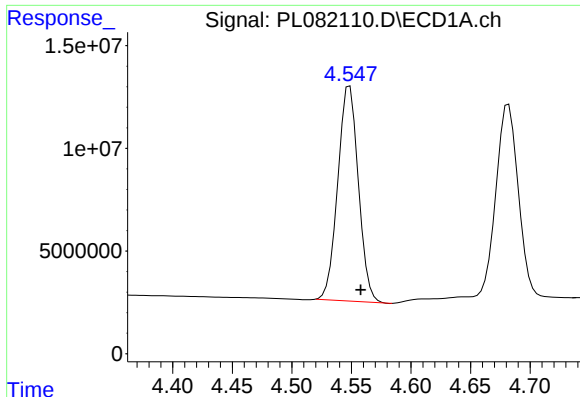
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 62351579
Conc: 41.43 ng/ml



#6 beta-BHC

R.T.: 3.779 min
Delta R.T.: -0.004 min
Response: 54569188
Conc: 45.82 ng/ml



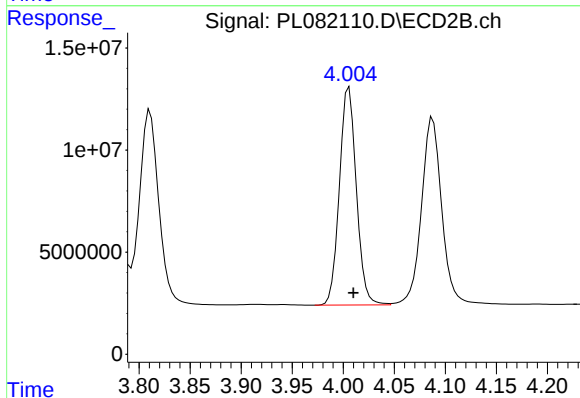
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 126064047
Conc: 41.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

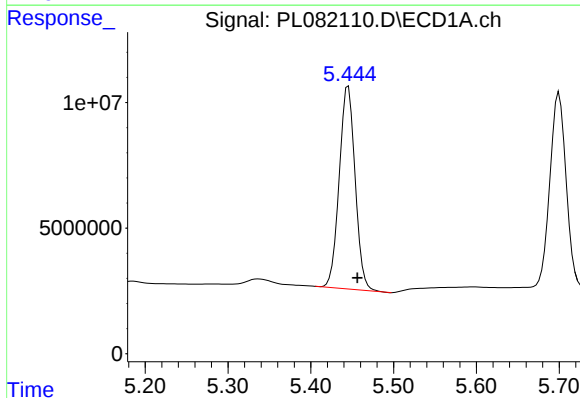
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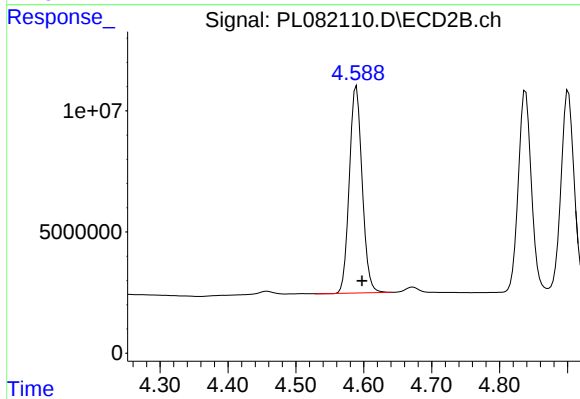
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 123386602
Conc: 47.71 ng/ml



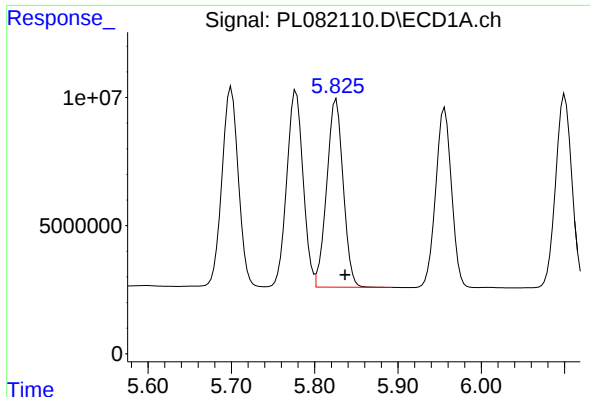
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 107958058
Conc: 39.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.589 min
Delta R.T.: -0.008 min
Response: 112009562
Conc: 46.12 ng/ml



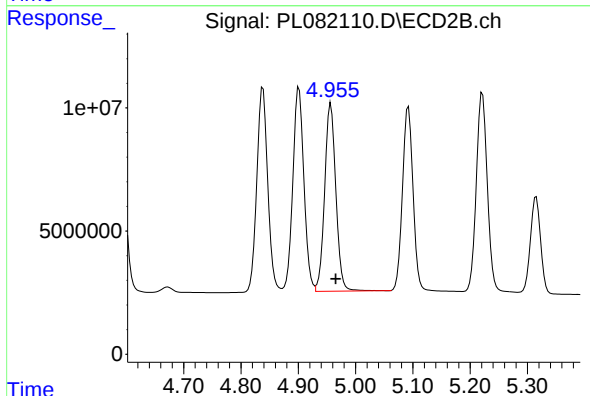
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.011 min
Response: 100900578
Conc: 40.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

Manual Integrations
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#9 Endosulfan I

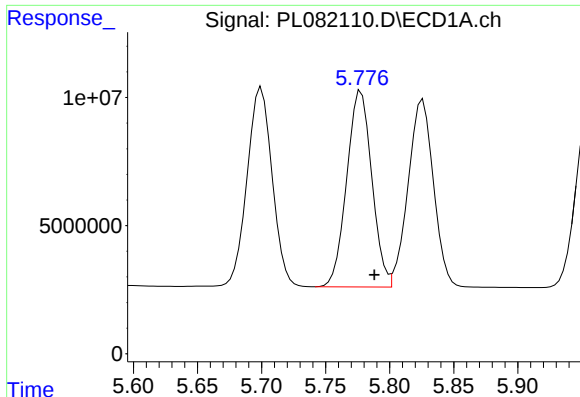
R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 103827934
Conc: 47.03 ng/ml

#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 105870870
Conc: 40.33 ng/ml

#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 110214983
Conc: 45.35 ng/ml



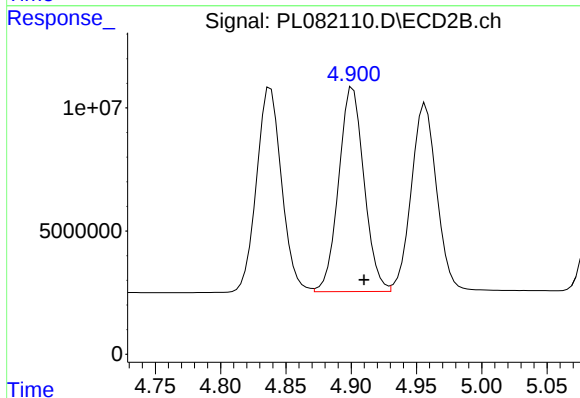
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 104368816
Conc: 40.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

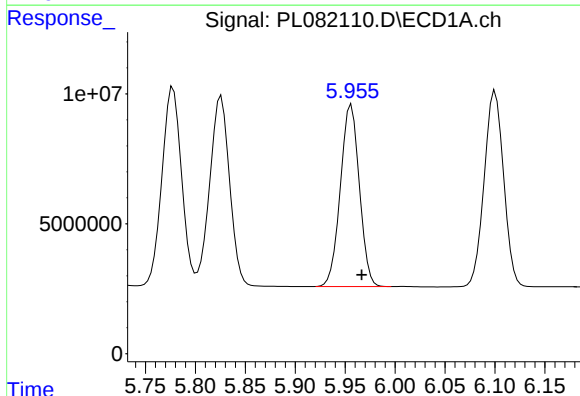
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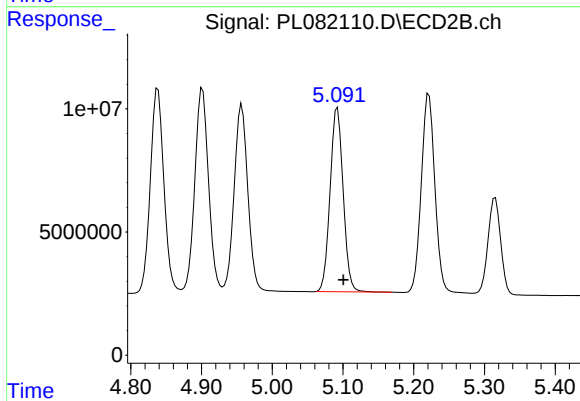
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.008 min
Response: 112290034
Conc: 46.23 ng/ml



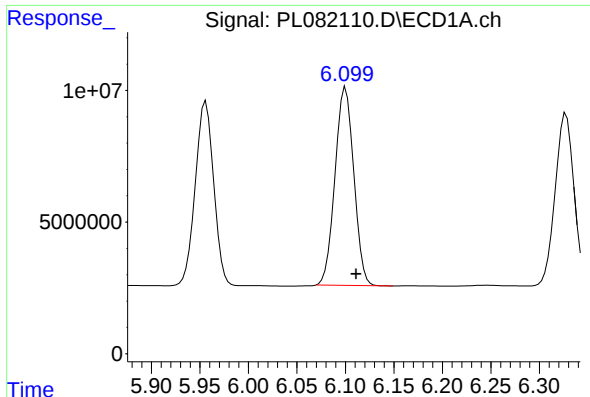
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 92536838
Conc: 41.06 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.008 min
Response: 95826035
Conc: 48.65 ng/ml



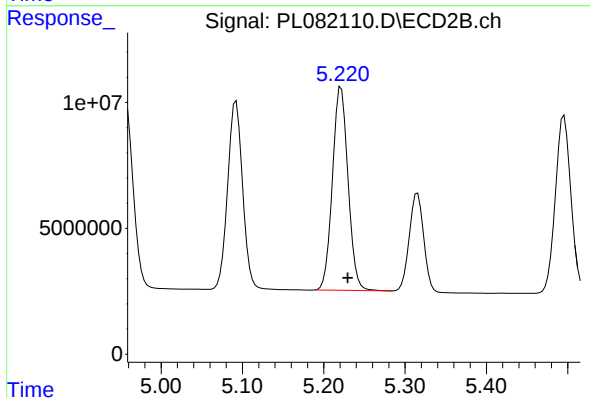
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 101343717
Conc: 41.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

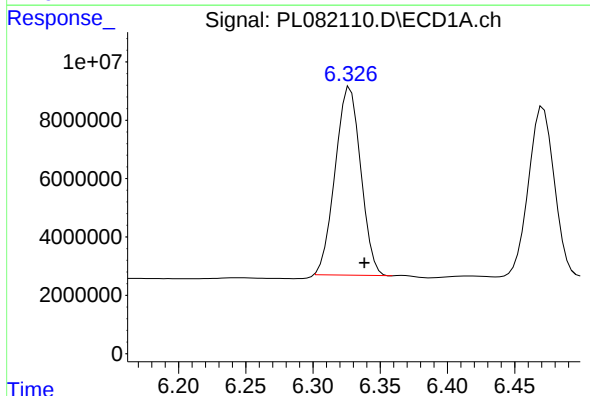
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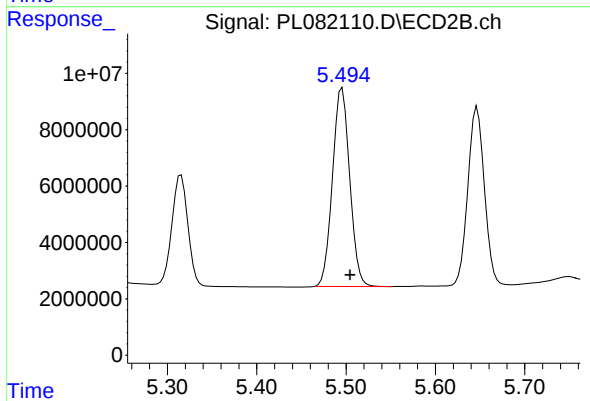
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 107827871
Conc: 47.94 ng/ml



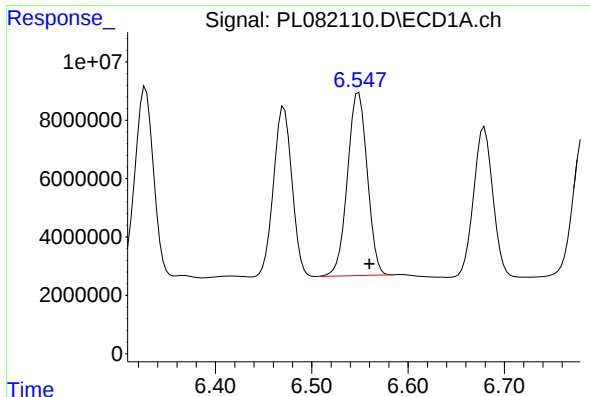
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 84934541
Conc: 40.15 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 94331629
Conc: 46.61 ng/ml



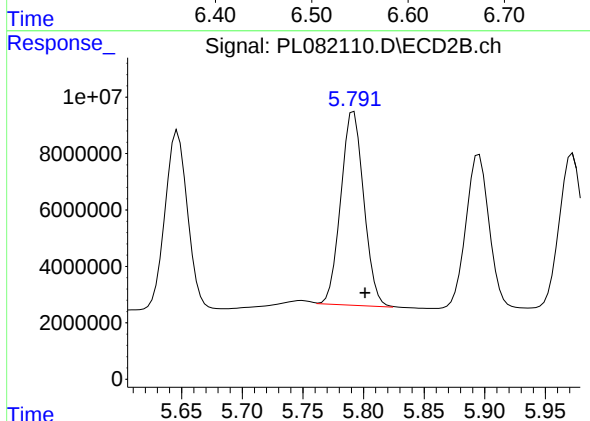
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 89503202
Conc: 42.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

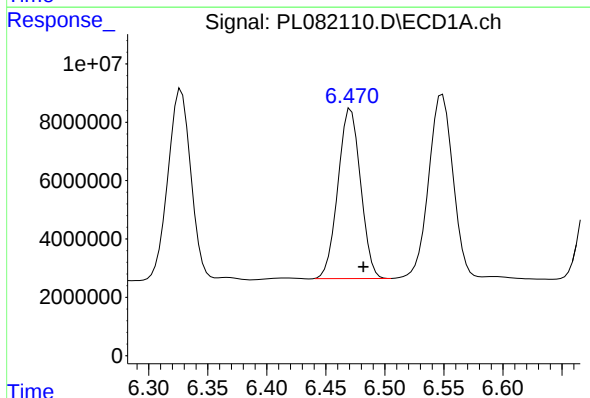
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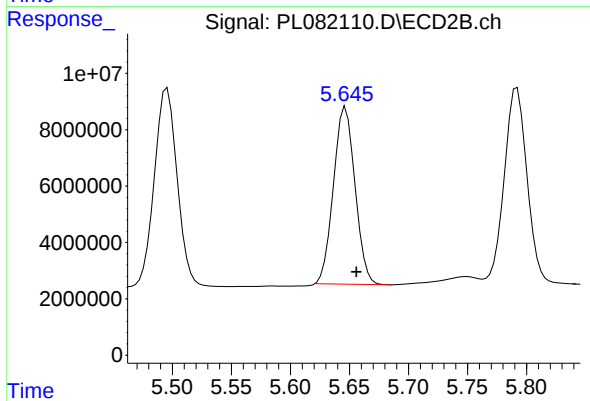
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.011 min
Response: 90472898
Conc: 49.87 ng/ml m



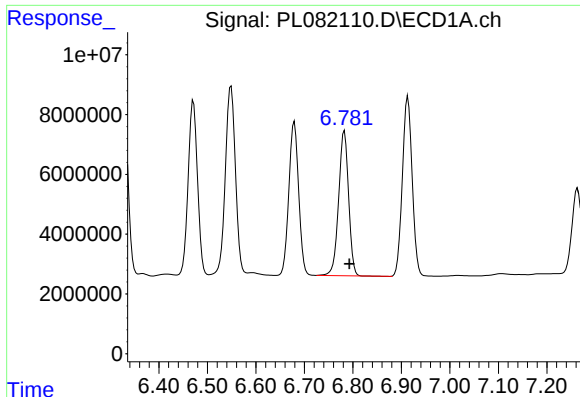
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 77702624
Conc: 43.08 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 79836584
Conc: 52.61 ng/ml



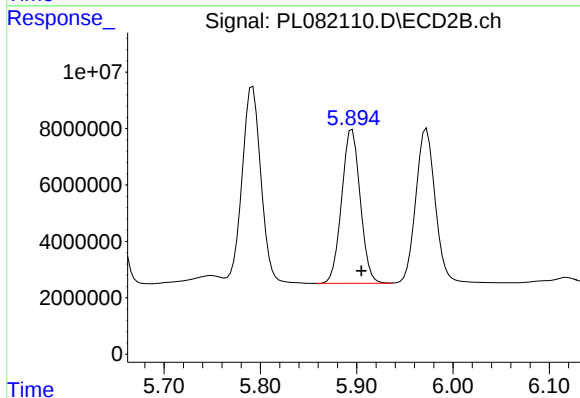
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 68875640
Conc: 33.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

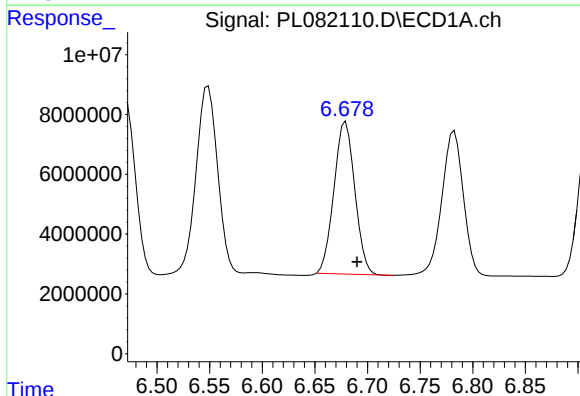
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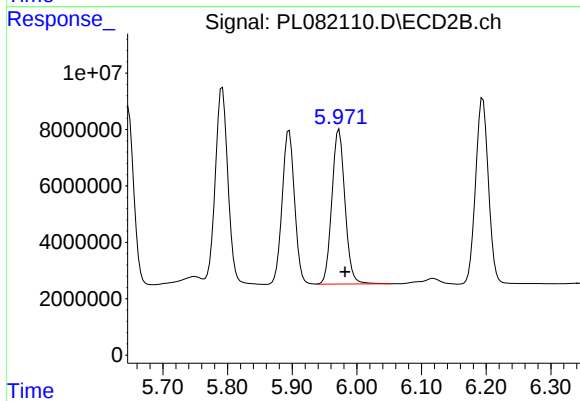
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 72807582
Conc: 42.25 ng/ml



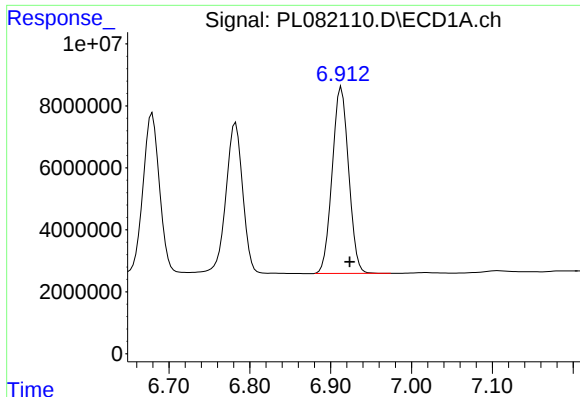
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 70259306
Conc: 42.94 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.009 min
Response: 77010275
Conc: 49.59 ng/ml



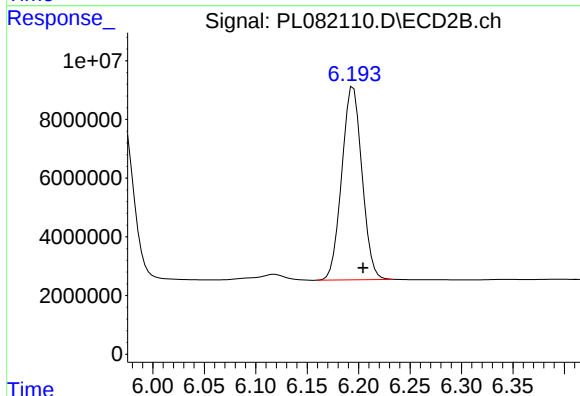
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 84988469
Conc: 40.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

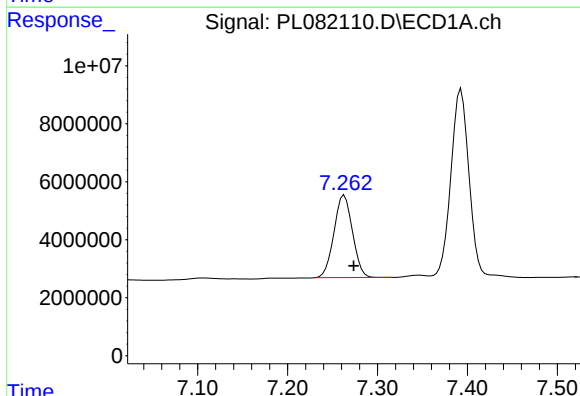
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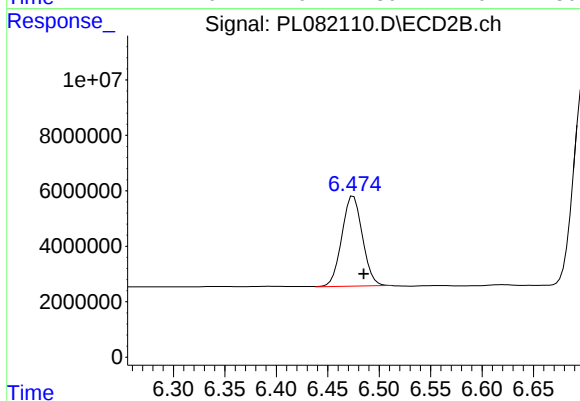
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 90195093
Conc: 46.36 ng/ml m



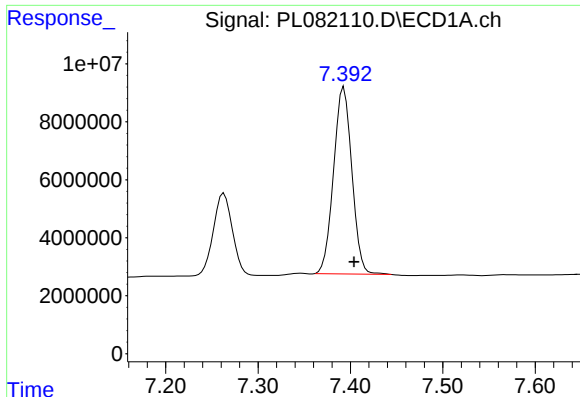
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 40640656
Conc: 37.74 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.012 min
Response: 45282390
Conc: 45.46 ng/ml m



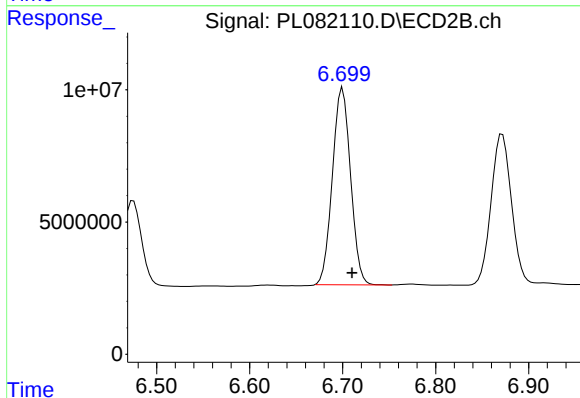
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 88800426
Conc: 42.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

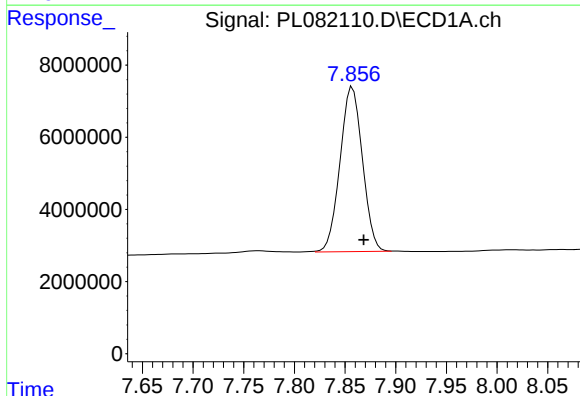
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2023
Supervised By :Ankita Jodhani 04/17/2023



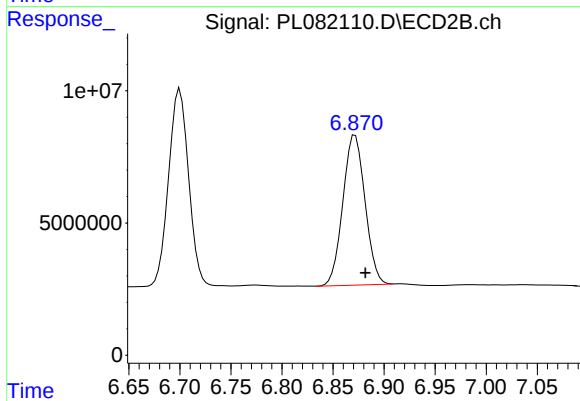
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 101162236
Conc: 47.34 ng/ml



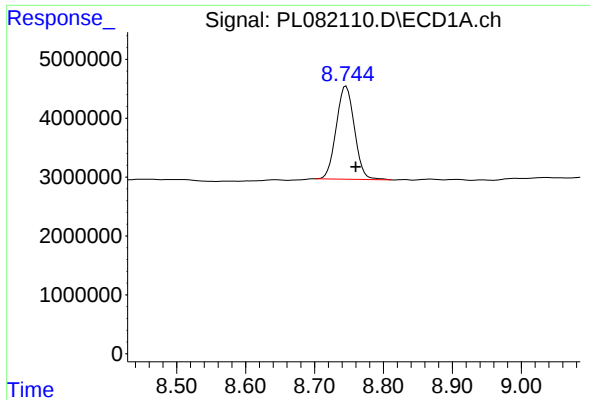
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.013 min
Response: 70184207
Conc: 40.96 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 85779120
Conc: 44.68 ng/ml m



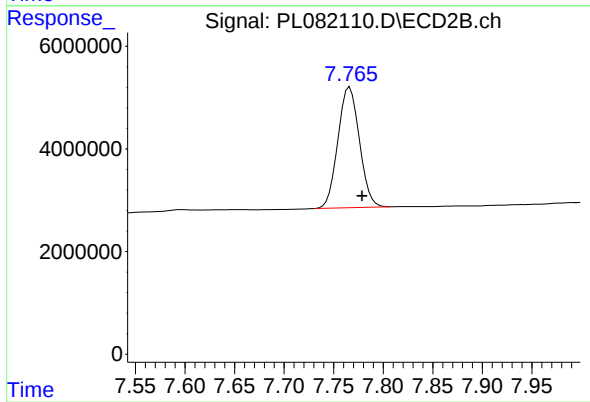
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.014 min
Response: 28978915
Conc: 16.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.014 min
Response: 35511194
Conc: 17.91 ng/ml m