

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
 Data File : PL081569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 09:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:20:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.337	2.657	116.5E6	95725460	53.915	47.299
28) SA Decachlor...	8.763	7.781	79467105	93080267	52.125	48.592
Target Compounds						
2) A alpha-BHC	3.787	3.157	177.0E6	137.2E6	55.645	46.832
3) MA gamma-BHC...	4.115	3.485	164.4E6	129.2E6	55.556	46.958
4) MA Heptachlor	4.695	3.819	156.6E6	134.2E6	56.757	48.619
5) MB Aldrin	5.032	4.097	140.3E6	125.0E6	55.164	47.693
6) B beta-BHC	4.318	3.785	71079956	53464138	51.639	46.065
7) B delta-BHC	4.559	4.013	157.2E6	124.4E6	56.555	48.833
8) B Heptachlo...	5.458	4.599	127.3E6	116.4E6	53.937	48.120
9) A Endosulfan I	5.839	4.968	114.3E6	108.8E6	54.110	48.081
10) B gamma-Chl...	5.713	4.848	125.0E6	116.9E6	54.786	47.778
11) B alpha-Chl...	5.791	4.912	122.4E6	116.8E6	54.350	47.699
12) B 4,4'-DDE	5.969	5.102	104.7E6	92440137	53.517	47.095m
13) MA Dieldrin	6.114	5.233	114.0E6	108.6E6	54.460	48.181
14) MA Endrin	6.341	5.507	99608280	95193983	54.806	47.369
15) B Endosulfa...	6.562	5.803	95041595	89074662	54.512	48.313m
16) A 4,4'-DDD	6.484	5.657	82583387	75021629	53.647	48.903m
17) MA 4,4'-DDT	6.796	5.907	89229039	84163482	56.214	52.461
18) B Endrin al...	6.691	5.984	75707939	73600305	52.893m	48.580
19) B Endosulfa...	6.927	6.206	95004872	92020197	52.913	47.876m
20) A Methoxychlor	7.276	6.486	48168451	47686360	55.921	51.381m
21) B Endrin ke...	7.406	6.711	97401701	102.3E6	53.694	47.532m
22) Mirex	7.871	6.884	77165705	92531698	52.885	48.077m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
Data File : PL081569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2023 09:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

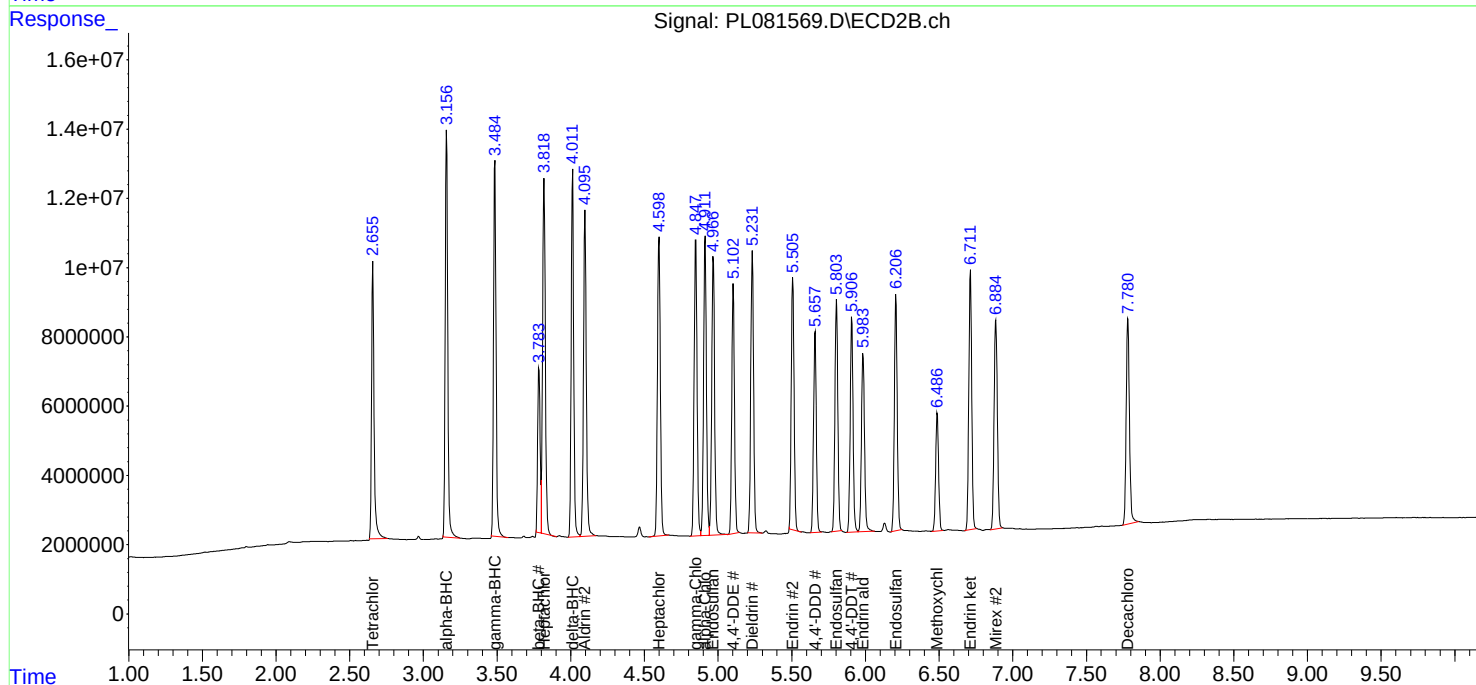
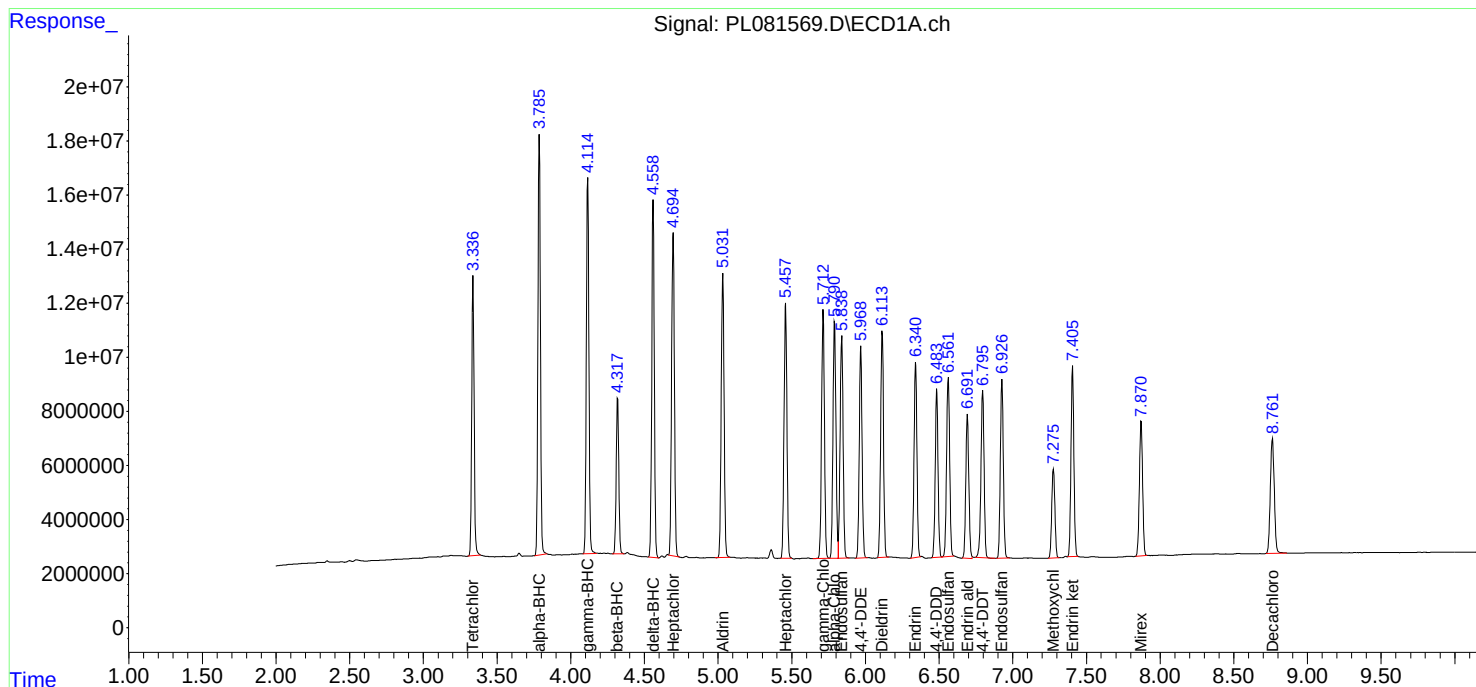
APPROVED

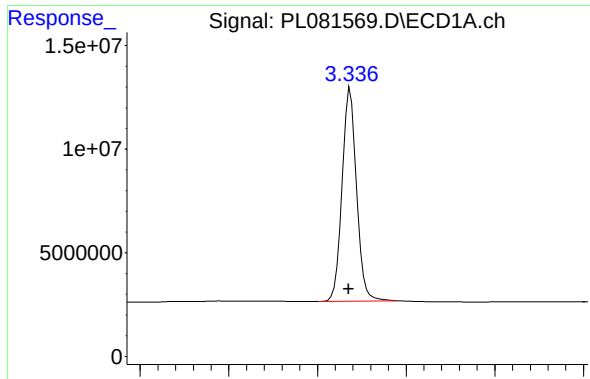
Reviewed By :Abdul Mirza 03/21/2023

Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 21:20:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
Response via : Initial Calibration
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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





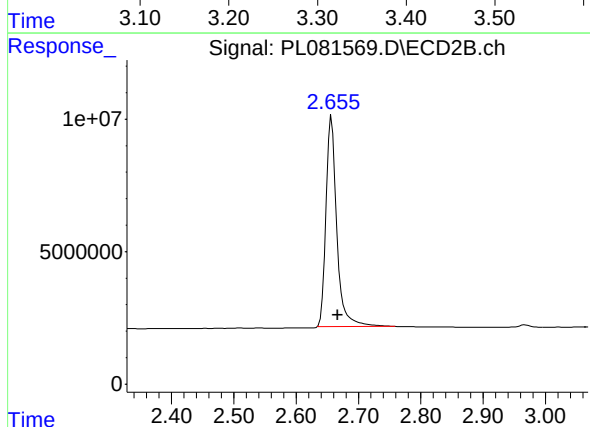
#1 Tetrachloro-m-xylene

R.T.: 3.337 min
Delta R.T.: 0.002 min
Response: 116487085
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

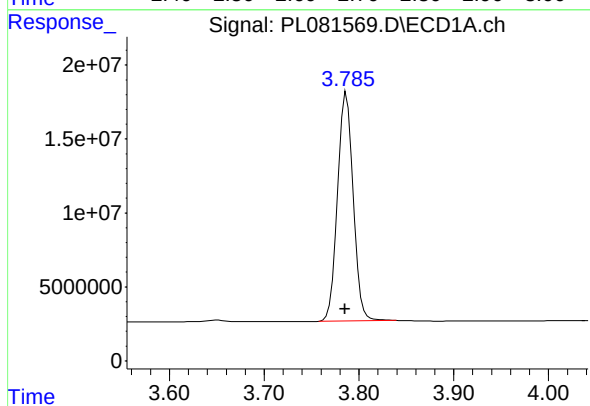
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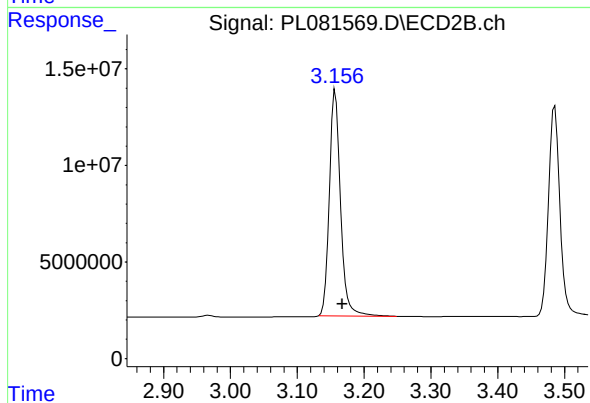
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: -0.010 min
Response: 95725460
Conc: 47.30 ng/ml



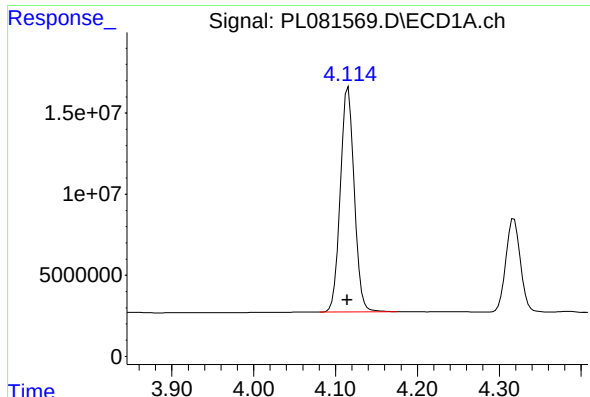
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 177023263
Conc: 55.65 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: -0.011 min
Response: 137248020
Conc: 46.83 ng/ml



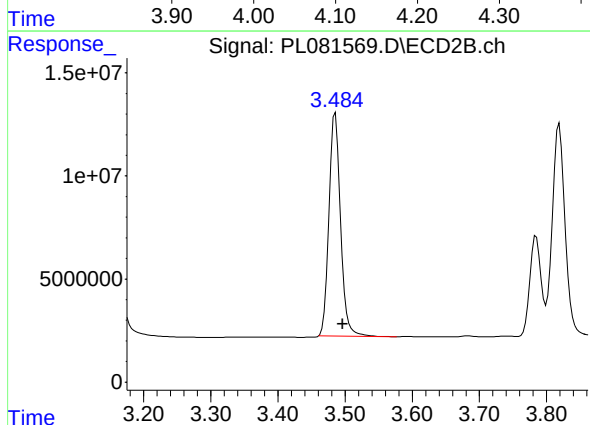
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.001 min
Response: 164368480
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

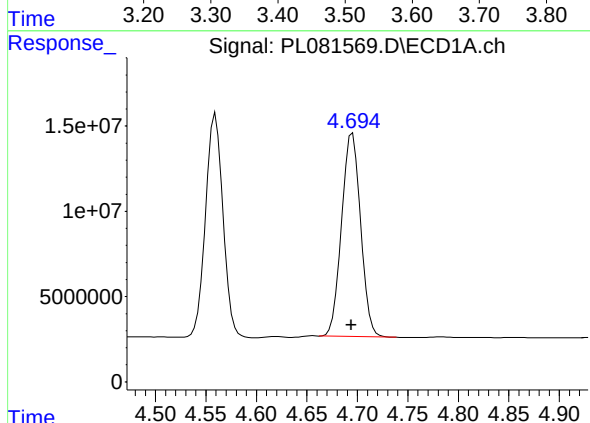
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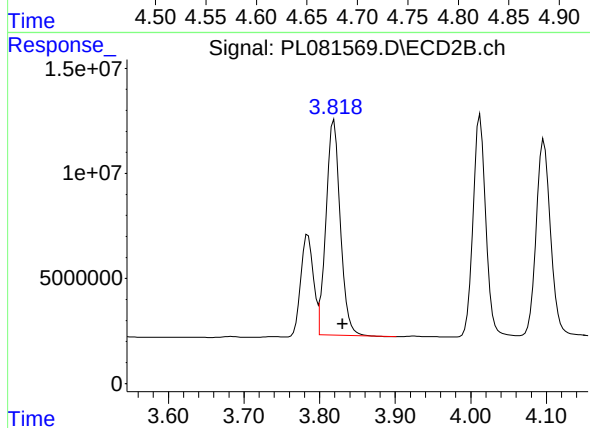
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: -0.011 min
Response: 129183554
Conc: 46.96 ng/ml



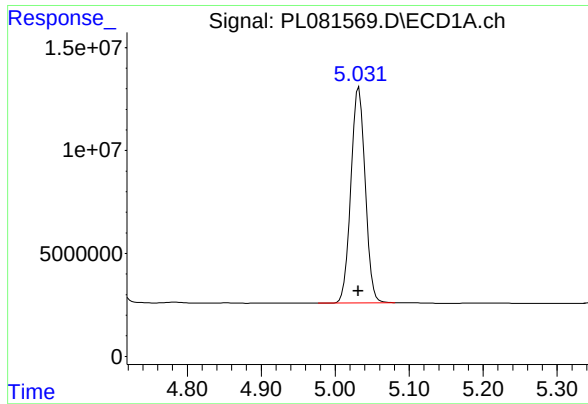
#4 Heptachlor

R.T.: 4.695 min
Delta R.T.: 0.001 min
Response: 156614690
Conc: 56.76 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: -0.012 min
Response: 134166058
Conc: 48.62 ng/ml



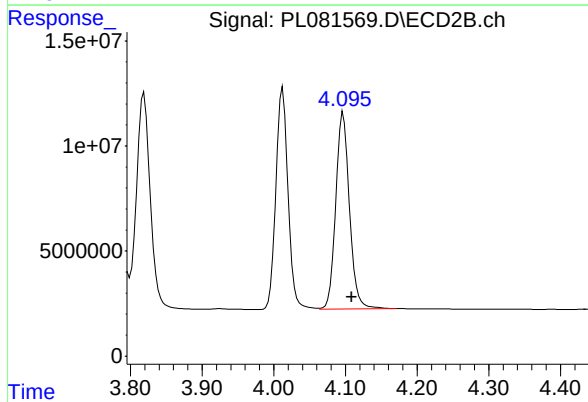
#5 Aldrin

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 140344398
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

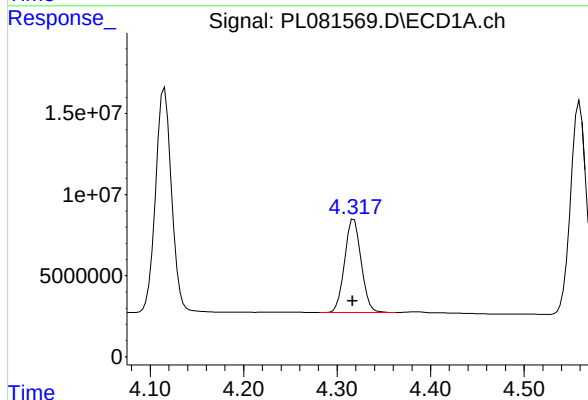
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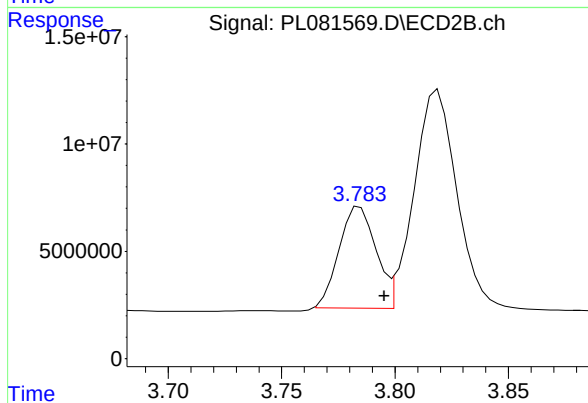
#5 Aldrin

R.T.: 4.097 min
Delta R.T.: -0.012 min
Response: 125038572
Conc: 47.69 ng/ml



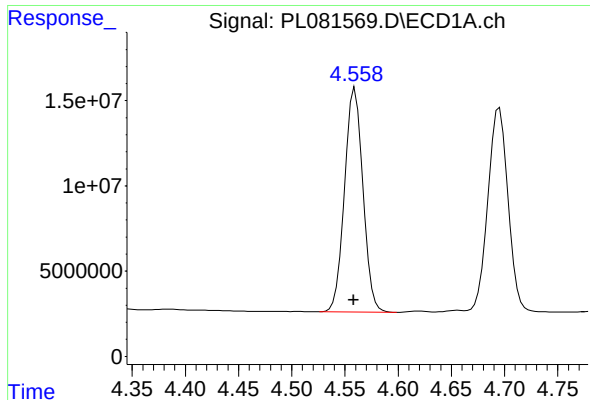
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 71079956
Conc: 51.64 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: -0.011 min
Response: 53464138
Conc: 46.06 ng/ml



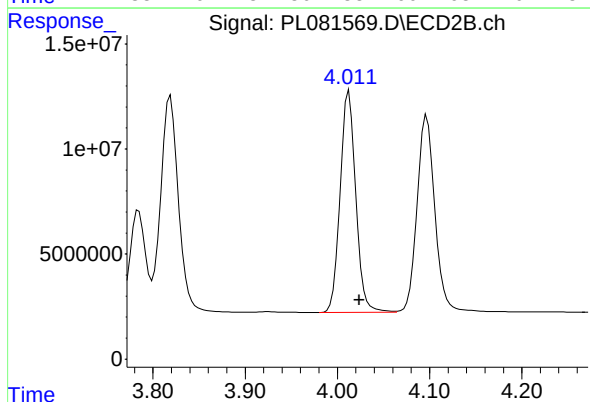
#7 delta-BHC

R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 157177949
Conc: 56.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

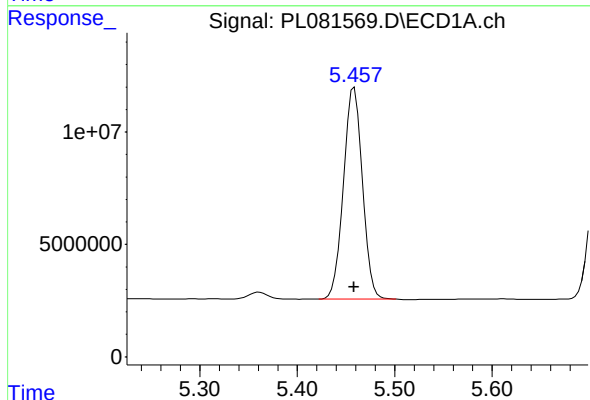
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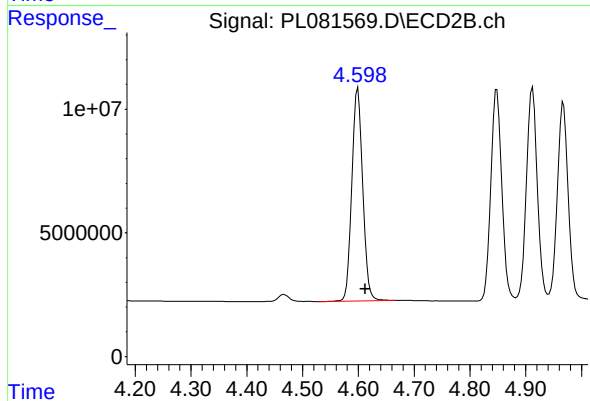
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: -0.011 min
Response: 124359422
Conc: 48.83 ng/ml



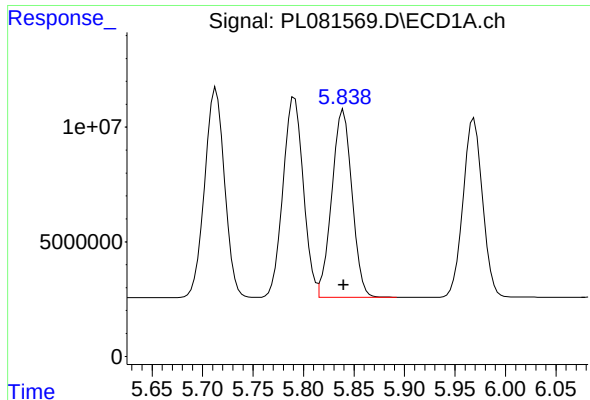
#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 127291691
Conc: 53.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.599 min
Delta R.T.: -0.013 min
Response: 116358884
Conc: 48.12 ng/ml



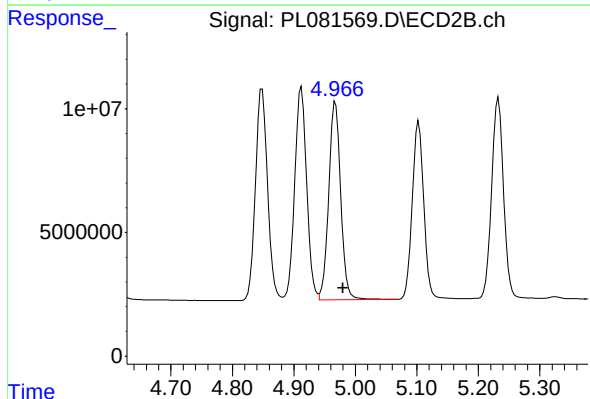
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 114320100
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#9 Endosulfan I

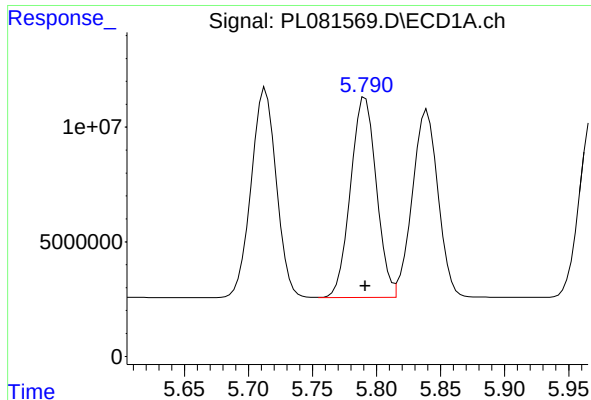
R.T.: 4.968 min
Delta R.T.: -0.013 min
Response: 108838623
Conc: 48.08 ng/ml

#10 gamma-Chlordane

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 125016673
Conc: 54.79 ng/ml

#10 gamma-Chlordane

R.T.: 4.848 min
Delta R.T.: -0.013 min
Response: 116949855
Conc: 47.78 ng/ml



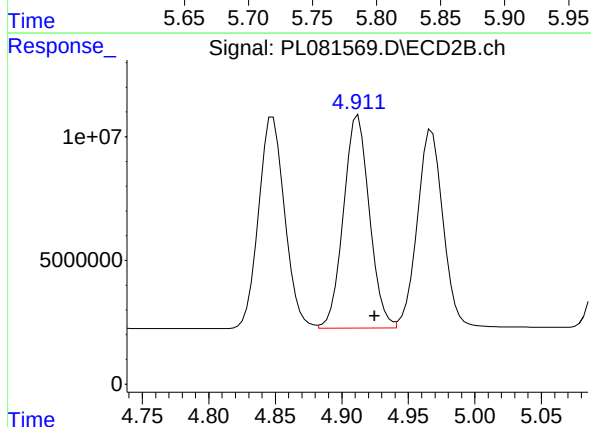
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 122447683
Conc: 54.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

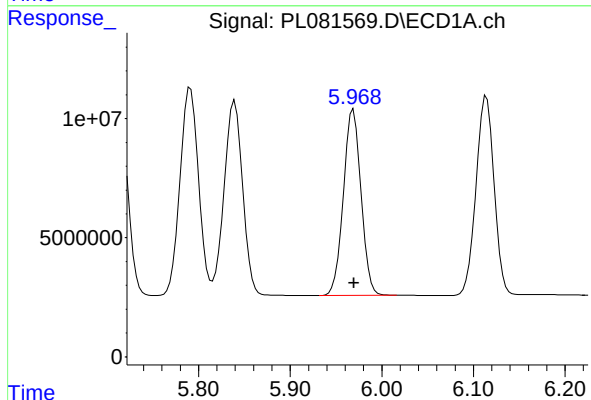
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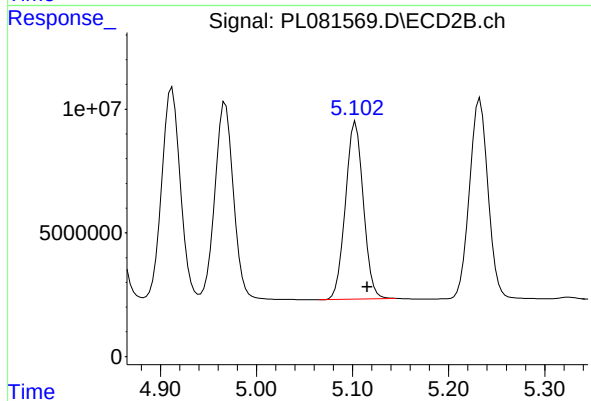
#11 alpha-Chlordane

R.T.: 4.912 min
Delta R.T.: -0.013 min
Response: 116792400
Conc: 47.70 ng/ml



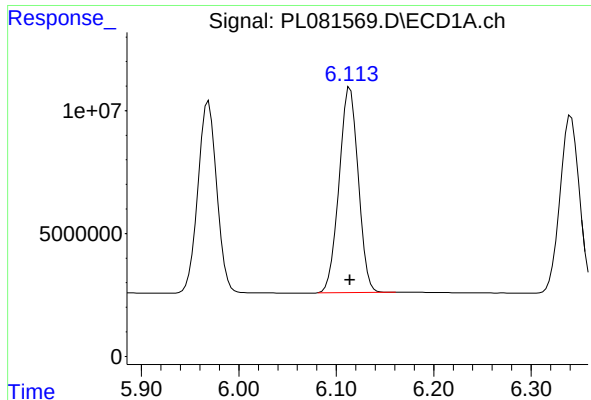
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 104710239
Conc: 53.52 ng/ml



#12 4,4'-DDE

R.T.: 5.102 min
Delta R.T.: -0.014 min
Response: 92440137
Conc: 47.09 ng/ml m



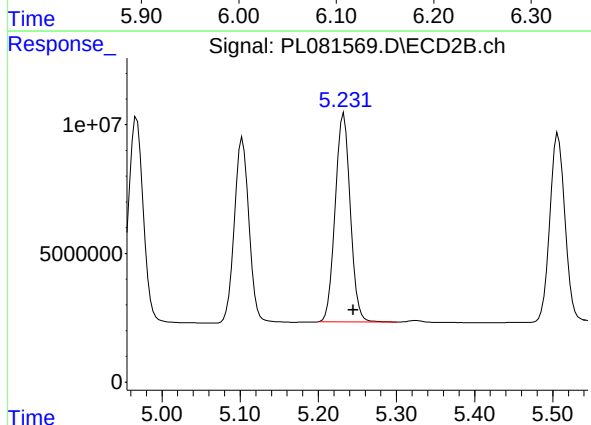
#13 Dieldrin

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 113985225
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

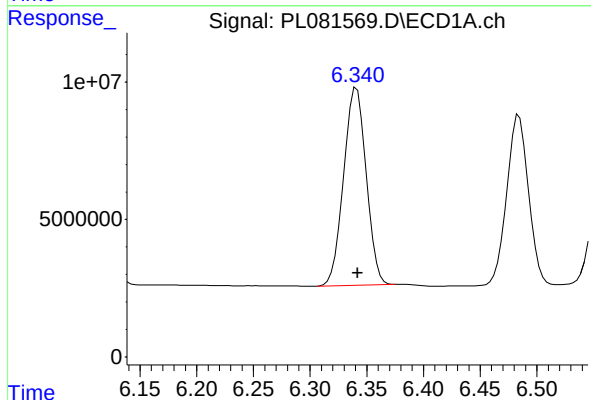
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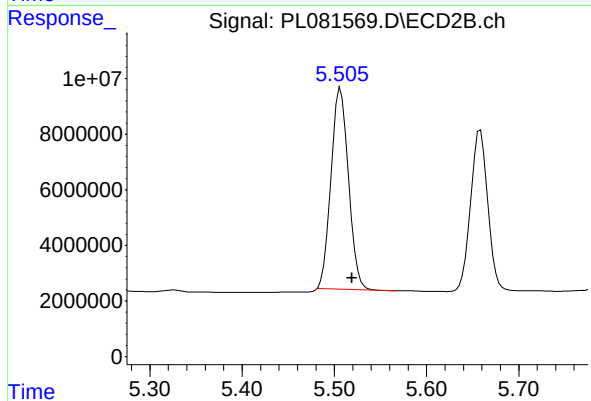
#13 Dieldrin

R.T.: 5.233 min
Delta R.T.: -0.012 min
Response: 108617722
Conc: 48.18 ng/ml



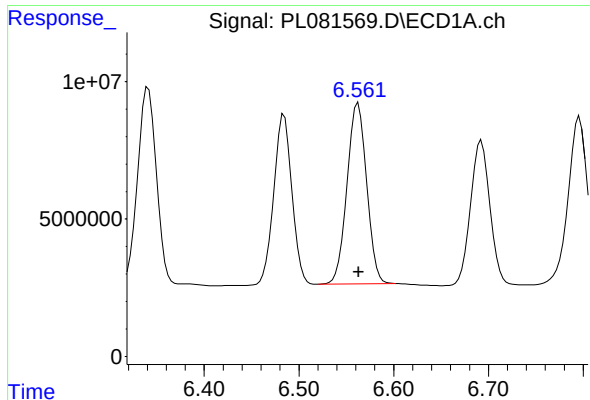
#14 Endrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 99608280
Conc: 54.81 ng/ml



#14 Endrin

R.T.: 5.507 min
Delta R.T.: -0.012 min
Response: 95193983
Conc: 47.37 ng/ml



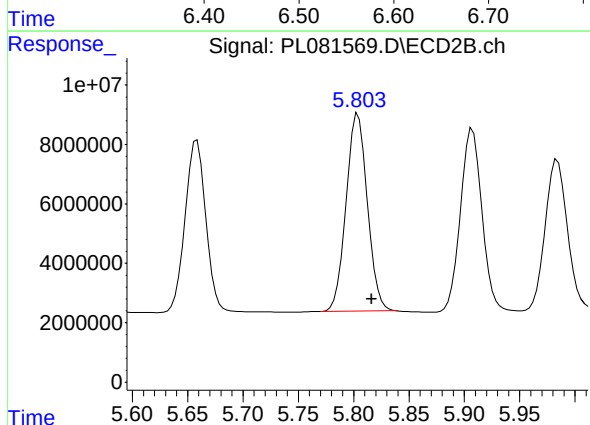
#15 Endosulfan II

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 95041595
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
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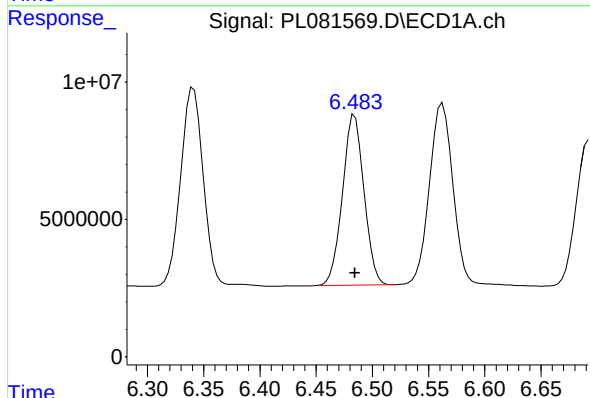
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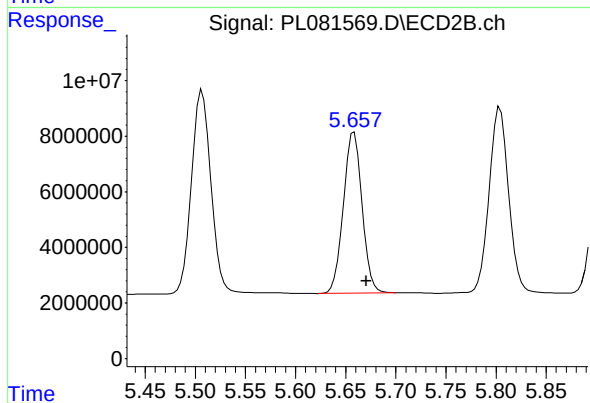
#15 Endosulfan II

R.T.: 5.803 min
Delta R.T.: -0.014 min
Response: 89074662
Conc: 48.31 ng/ml m



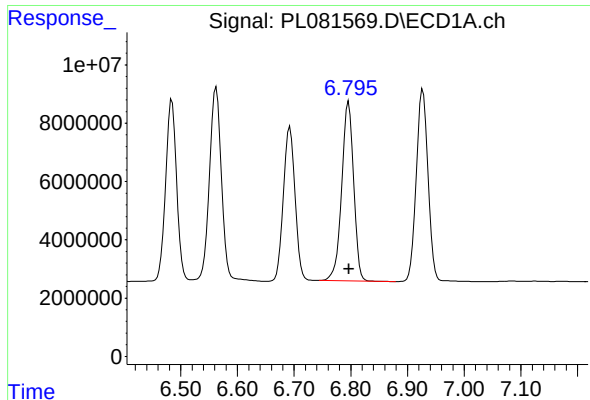
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 82583387
Conc: 53.65 ng/ml



#16 4,4'-DDD

R.T.: 5.657 min
Delta R.T.: -0.014 min
Response: 75021629
Conc: 48.90 ng/ml m



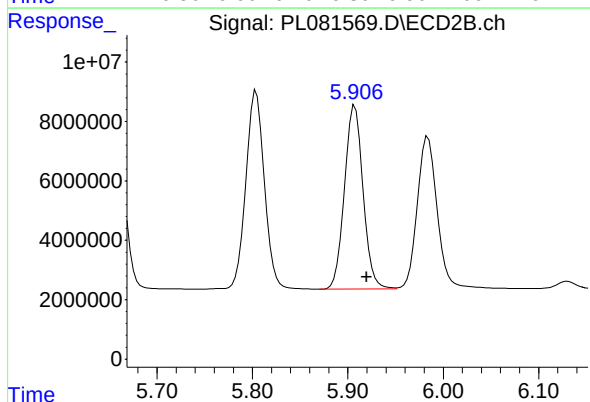
#17 4,4'-DDT

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 89229039
Conc: 56.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

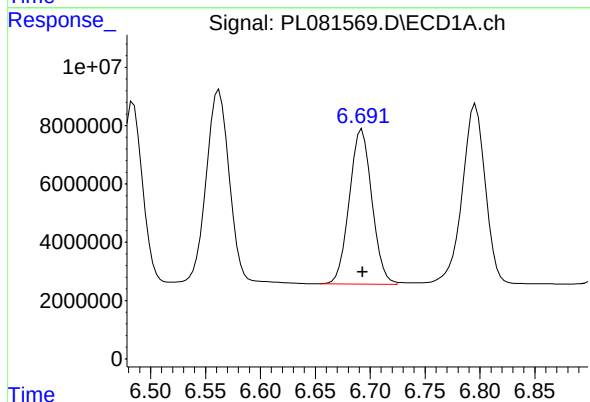
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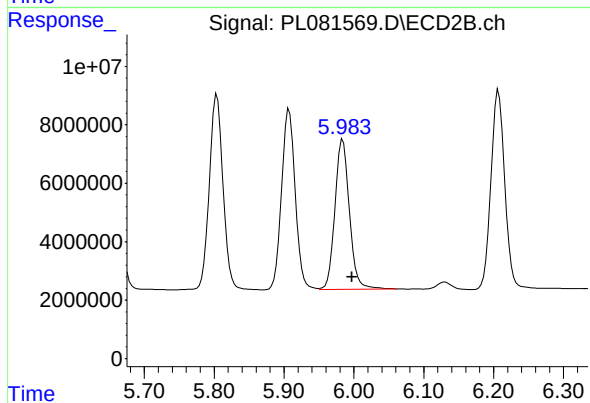
#17 4,4'-DDT

R.T.: 5.907 min
Delta R.T.: -0.012 min
Response: 84163482
Conc: 52.46 ng/ml



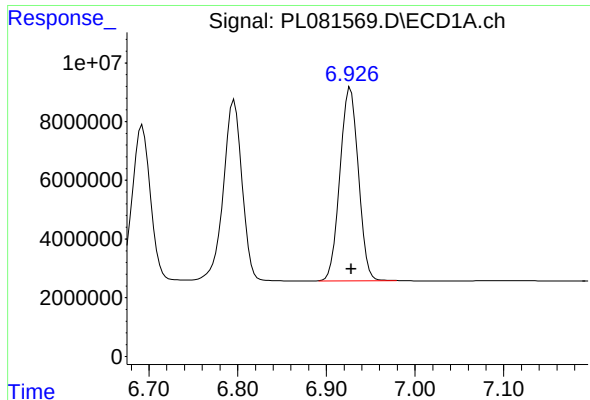
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 75707939
Conc: 52.89 ng/ml m



#18 Endrin aldehyde

R.T.: 5.984 min
Delta R.T.: -0.013 min
Response: 73600305
Conc: 48.58 ng/ml



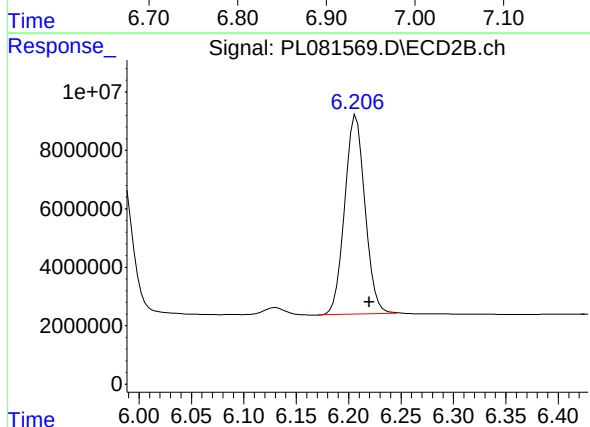
#19 Endosulfan Sulfate

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 95004872
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

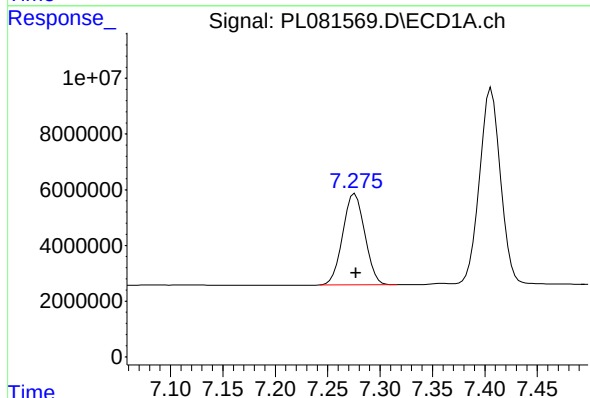
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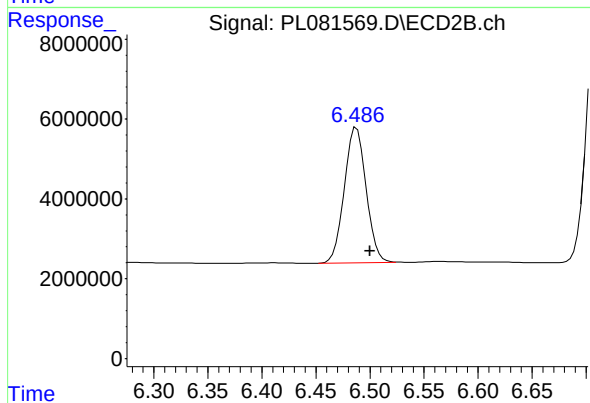
#19 Endosulfan Sulfate

R.T.: 6.206 min
Delta R.T.: -0.014 min
Response: 92020197
Conc: 47.88 ng/ml m



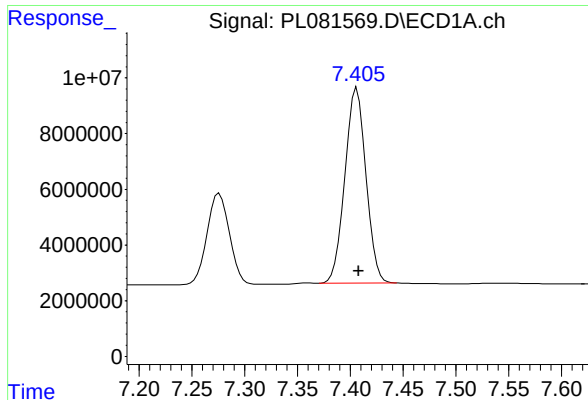
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 48168451
Conc: 55.92 ng/ml



#20 Methoxychlor

R.T.: 6.486 min
Delta R.T.: -0.014 min
Response: 47686360
Conc: 51.38 ng/ml m



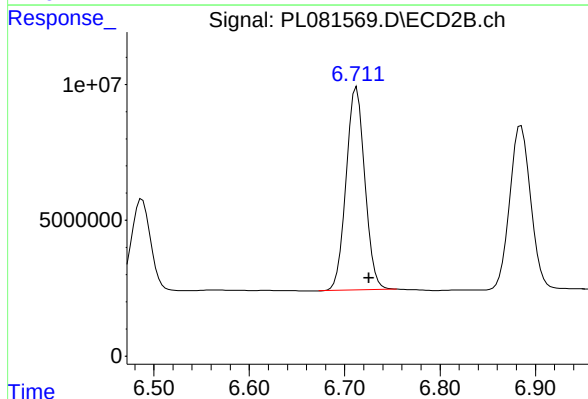
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 97401701
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

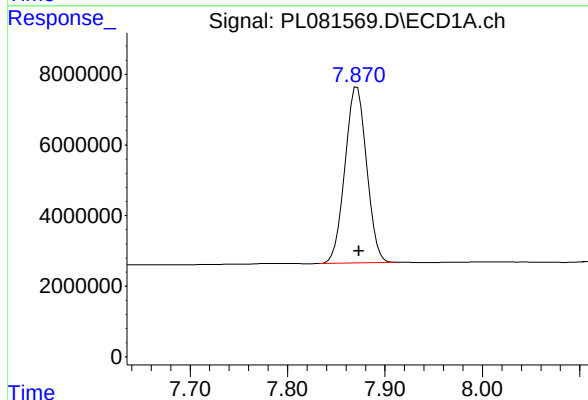
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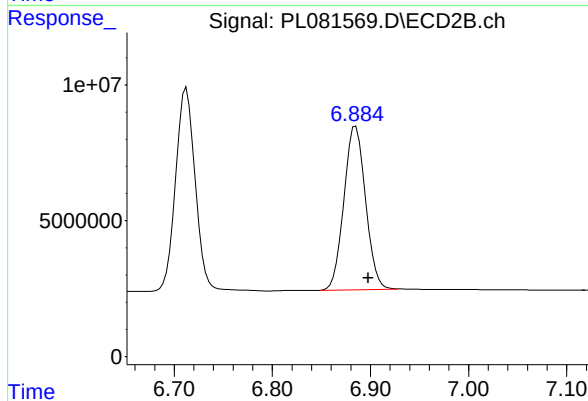
#21 Endrin ketone

R.T.: 6.711 min
Delta R.T.: -0.015 min
Response: 102339736
Conc: 47.53 ng/ml m



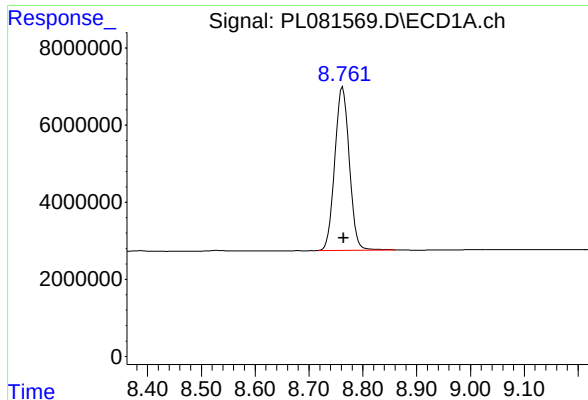
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 77165705
Conc: 52.89 ng/ml



#22 Mirex

R.T.: 6.884 min
Delta R.T.: -0.014 min
Response: 92531698
Conc: 48.08 ng/ml m



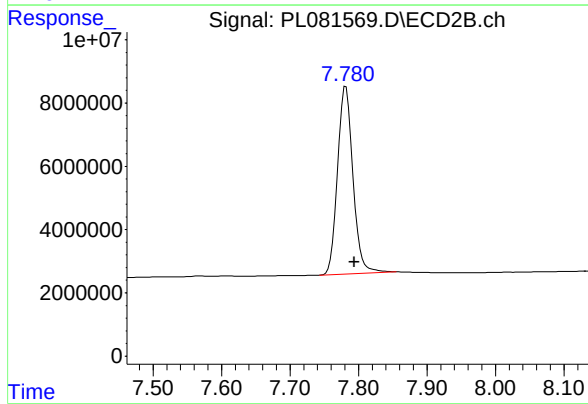
#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 79467105
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



#28 Decachlorobiphenyl

R.T.: 7.781 min
Delta R.T.: -0.012 min
Response: 93080267
Conc: 48.59 ng/ml