

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
 Data File : PL087151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 09:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 21:43:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.460	2.704	171.7E6	48397060	47.048	49.002
28) SA Decachlor...	9.055	7.901	153.7E6	52452575	50.778	51.205
Target Compounds						
2) A alpha-BHC	3.919	3.212	251.2E6	65765410	47.811	49.801
3) MA gamma-BHC...	4.254	3.543	232.7E6	64656014	47.378	49.381
4) MA Heptachlor	4.850	3.887	236.7E6	60895036	46.689	46.901
5) MB Aldrin	5.193	4.167	225.5E6	59004048	47.029	48.090
6) B beta-BHC	4.455	3.845	99310605	28986540	47.269	48.587
7) B delta-BHC	4.702	4.075	223.8E6	64777347	48.920	50.479
8) B Heptachlo...	5.626	4.676	195.7E6	55087898	46.183	47.739
9) A Endosulfan I	6.014	5.047	174.7E6	51209303	43.302	42.125
10) B gamma-Chl...	5.885	4.929	191.2E6	56500264	44.557	46.168
11) B alpha-Chl...	5.966	4.994	187.9E6	56191094	43.939	44.663
12) B 4,4'-DDE	6.149	5.192	148.8E6	48507846	45.448m	46.666
13) MA Dieldrin	6.293	5.314	181.5E6	53719467	44.543	46.165
14) MA Endrin	6.524	5.590	144.0E6	45637923	43.213	44.637
15) B Endosulfa...	6.747	5.888	158.7E6	46924631	43.796	47.941
16) A 4,4'-DDD	6.674	5.751	123.6E6	41500357	50.779	50.049
17) MA 4,4'-DDT	6.993	6.004	127.2E6	41641036	45.014	47.466
18) B Endrin al...	6.880	6.070	115.7E6	36564497	49.172	45.889
19) B Endosulfa...	7.118	6.295	159.4E6	46856879	48.481	50.152
20) A Methoxychlor	7.486	6.590	67878056	24697567	46.415	45.298
21) B Endrin ke...	7.605	6.800	163.5E6	56483960	50.390	52.555
22) Mirex	8.084	6.983	139.8E6	46883840	47.499	49.889

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
Data File : PL087151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2023 09:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

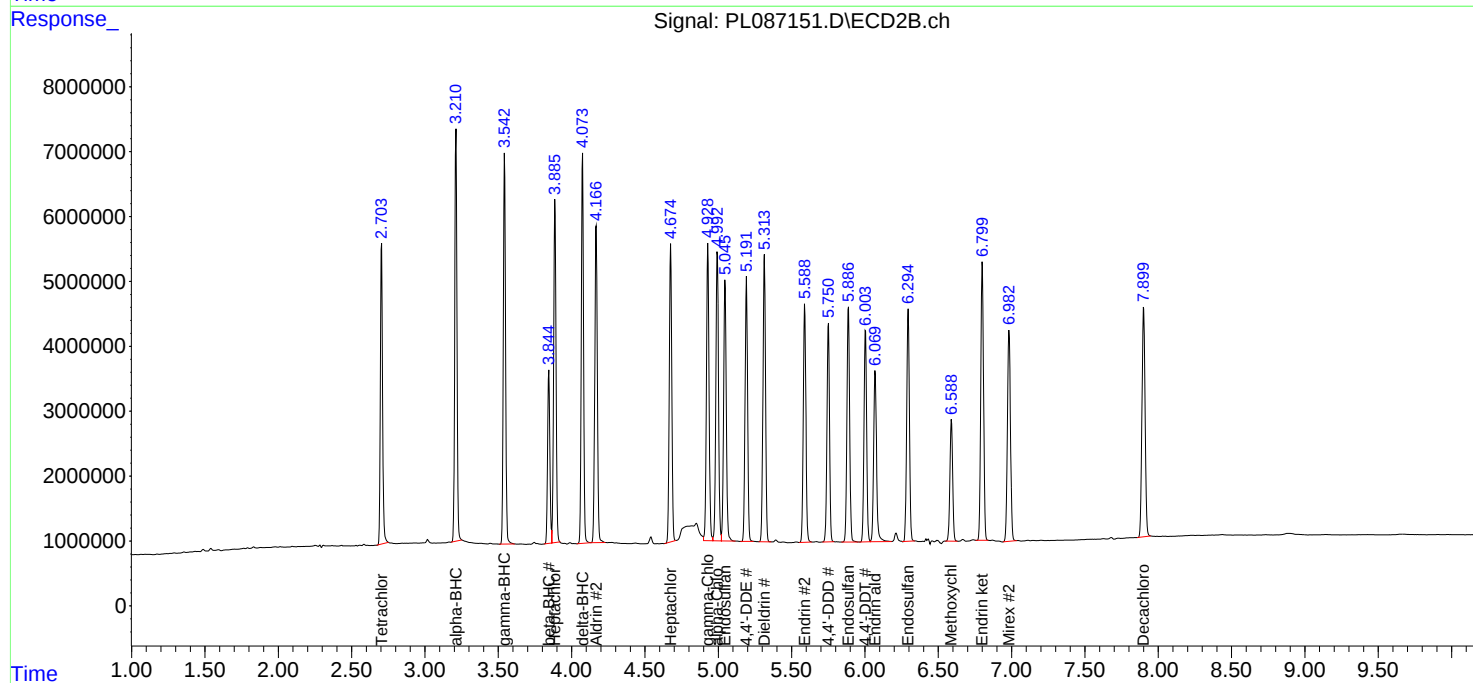
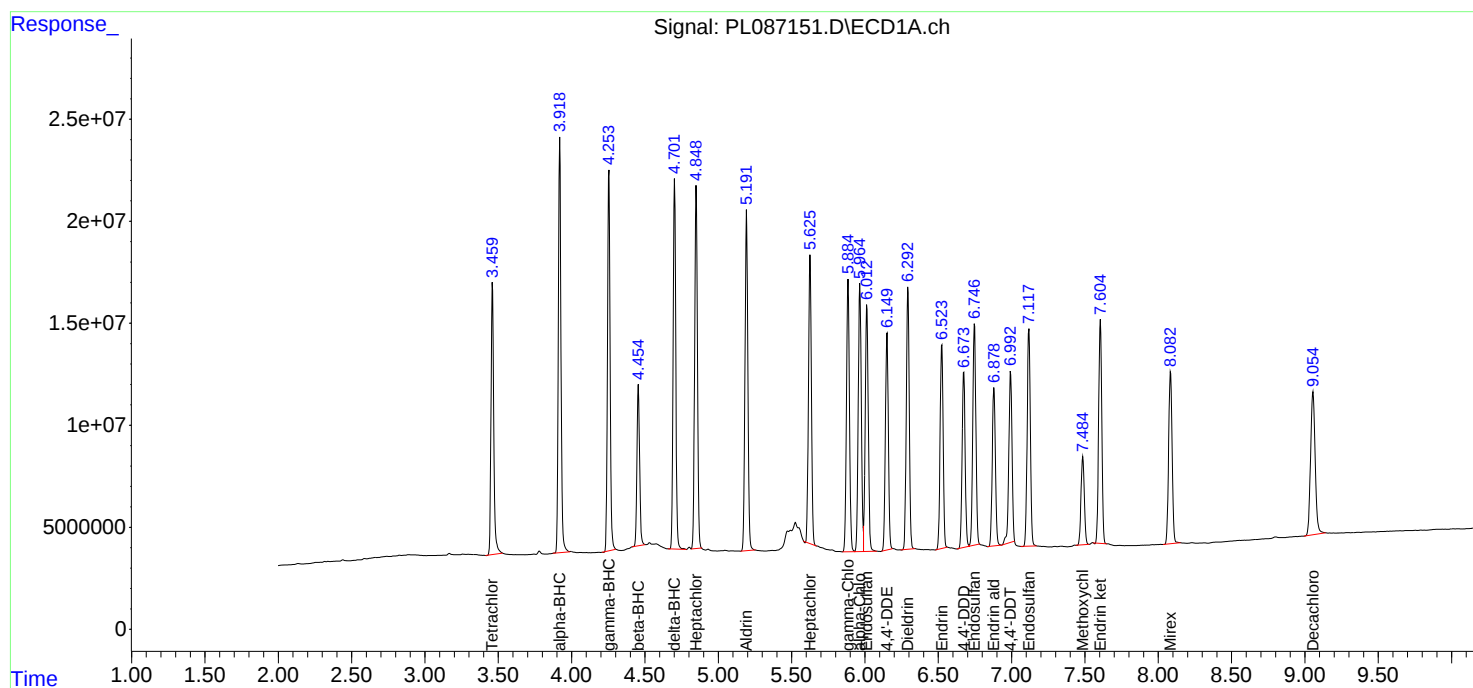
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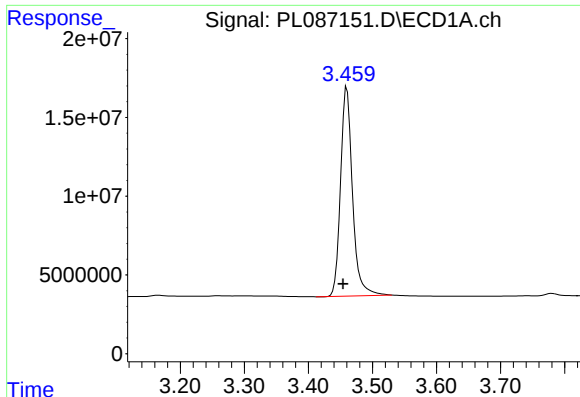
Reviewed By :Abdul Mirza 12/15/2023

Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 21:43:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 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





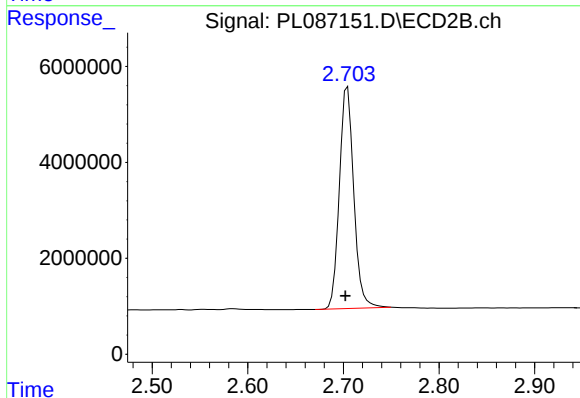
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.006 min
Response: 171659679
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

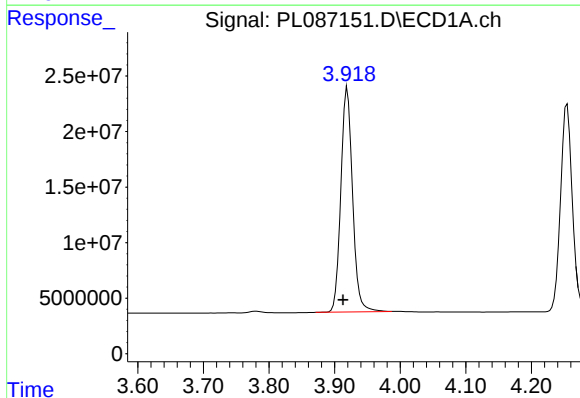
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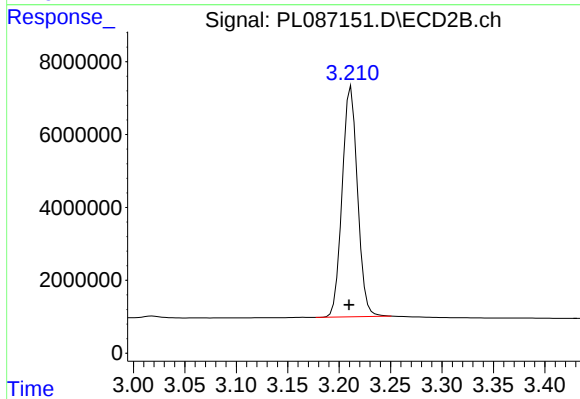
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.002 min
Response: 48397060
Conc: 49.00 ng/ml



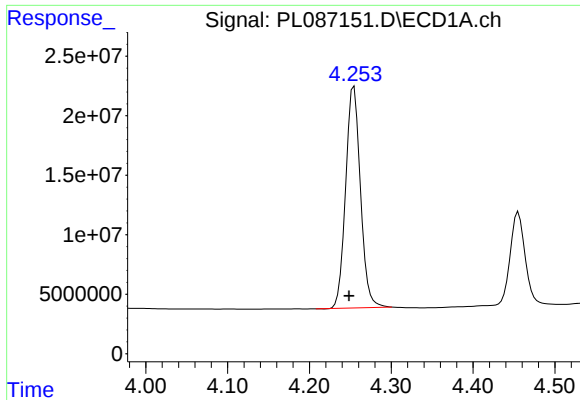
#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: 0.006 min
Response: 251160145
Conc: 47.81 ng/ml



#2 alpha-BHC

R.T.: 3.212 min
Delta R.T.: 0.002 min
Response: 65765410
Conc: 49.80 ng/ml



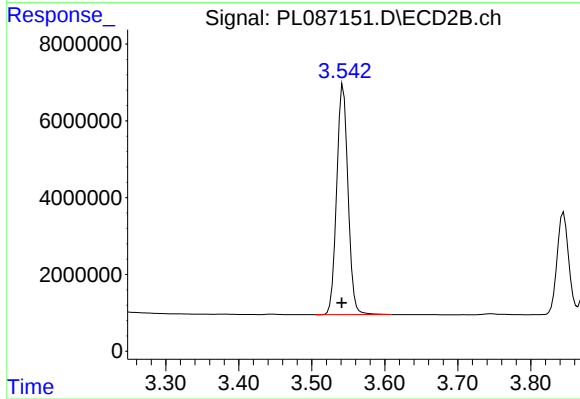
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: 0.006 min
Response: 232697259
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

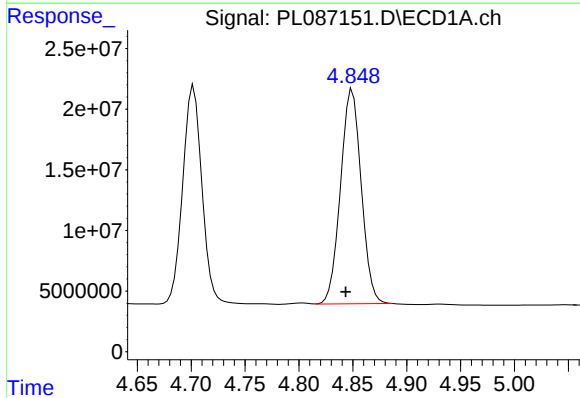
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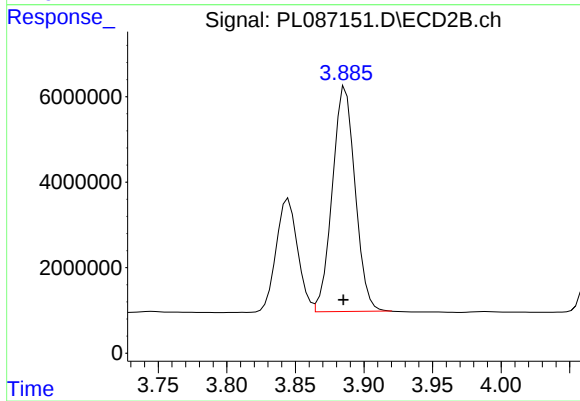
#3 gamma-BHC (Lindane)

R.T.: 3.543 min
Delta R.T.: 0.002 min
Response: 64656014
Conc: 49.38 ng/ml



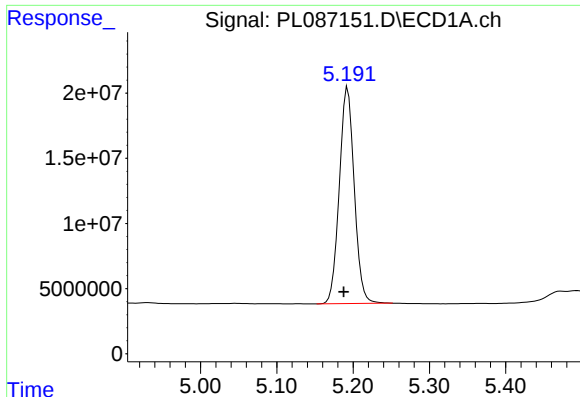
#4 Heptachlor

R.T.: 4.850 min
Delta R.T.: 0.006 min
Response: 236664714
Conc: 46.69 ng/ml



#4 Heptachlor

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 60895036
Conc: 46.90 ng/ml



#5 Aldrin

R.T.: 5.193 min
Delta R.T.: 0.005 min
Response: 225475795
Conc: 47.03 ng/ml

Instrument :

ECD_L

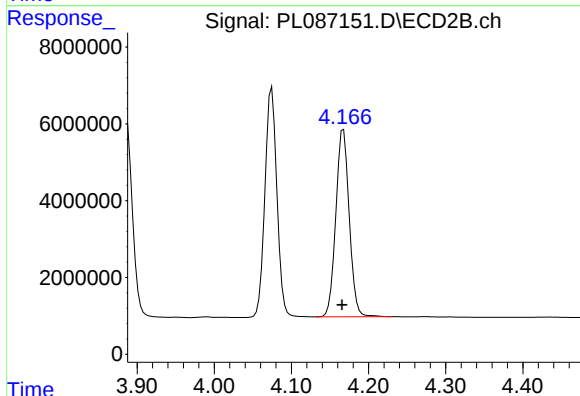
ClientSampleId :

PSTDCCC050

Manual Integrations

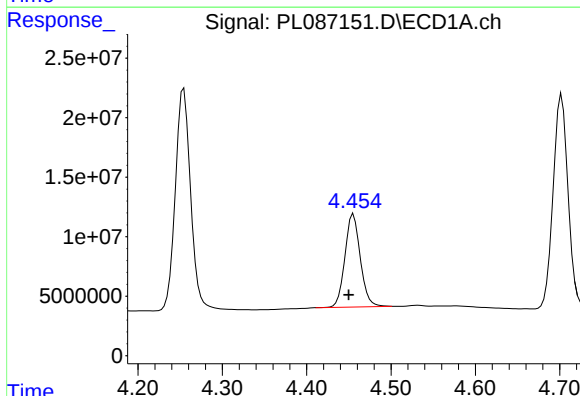
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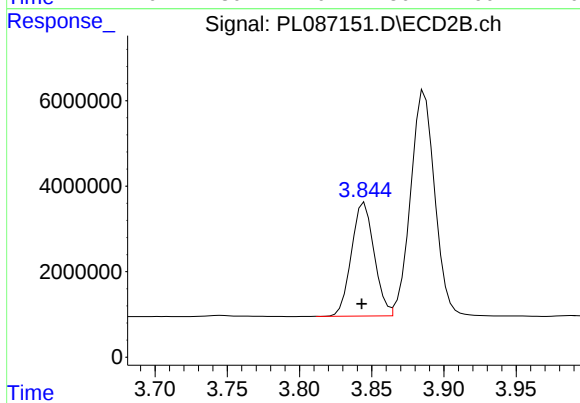
#5 Aldrin

R.T.: 4.167 min
Delta R.T.: 0.002 min
Response: 59004048
Conc: 48.09 ng/ml



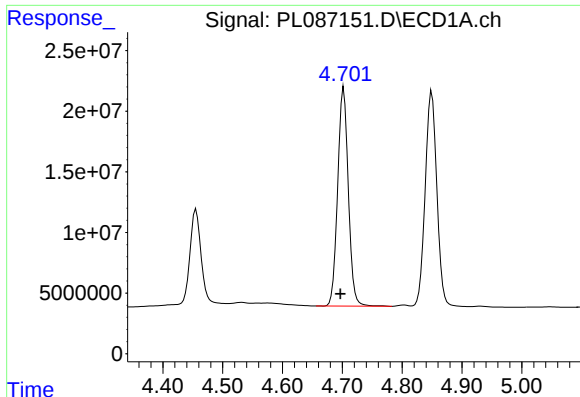
#6 beta-BHC

R.T.: 4.455 min
Delta R.T.: 0.006 min
Response: 99310605
Conc: 47.27 ng/ml



#6 beta-BHC

R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 28986540
Conc: 48.59 ng/ml



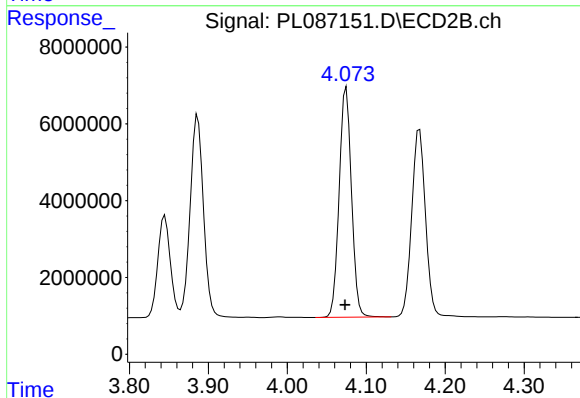
#7 delta-BHC

R.T.: 4.702 min
Delta R.T.: 0.006 min
Response: 223786787
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

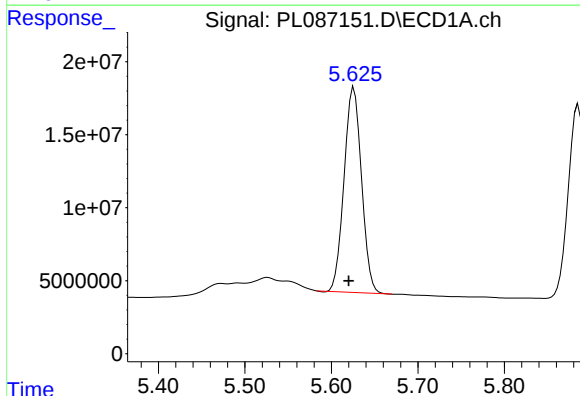
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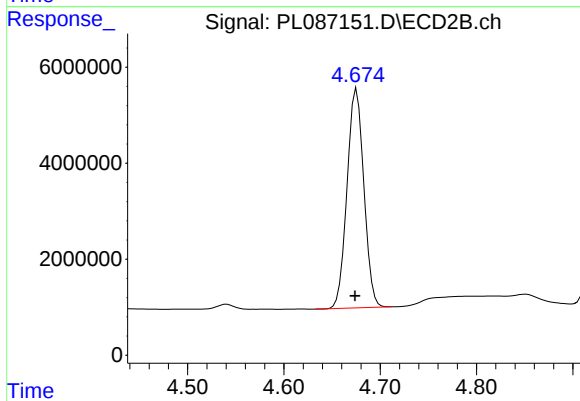
#7 delta-BHC

R.T.: 4.075 min
Delta R.T.: 0.002 min
Response: 64777347
Conc: 50.48 ng/ml



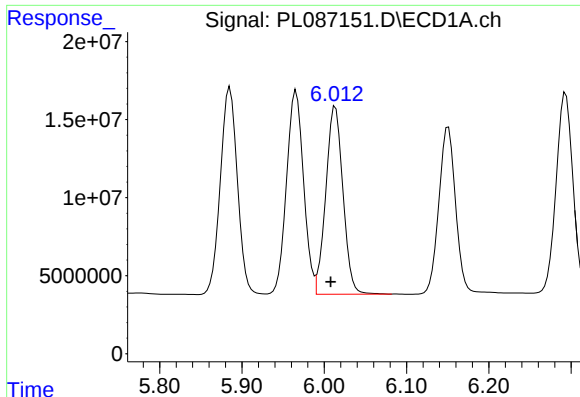
#8 Heptachlor epoxide

R.T.: 5.626 min
Delta R.T.: 0.006 min
Response: 195748066
Conc: 46.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.676 min
Delta R.T.: 0.001 min
Response: 55087898
Conc: 47.74 ng/ml



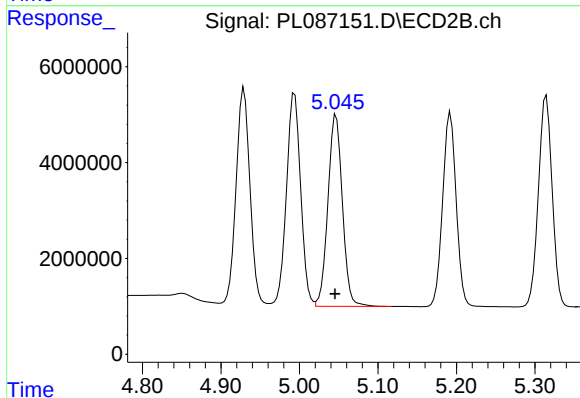
#9 Endosulfan I

R.T.: 6.014 min
Delta R.T.: 0.006 min
Response: 174718011
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

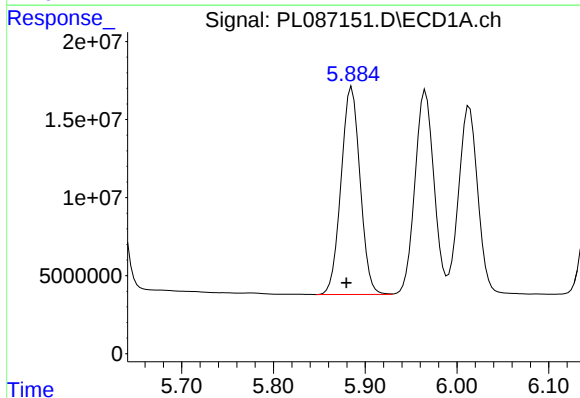
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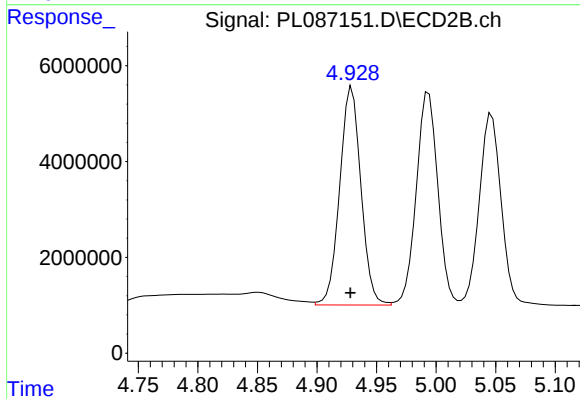
#9 Endosulfan I

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 51209303
Conc: 42.12 ng/ml



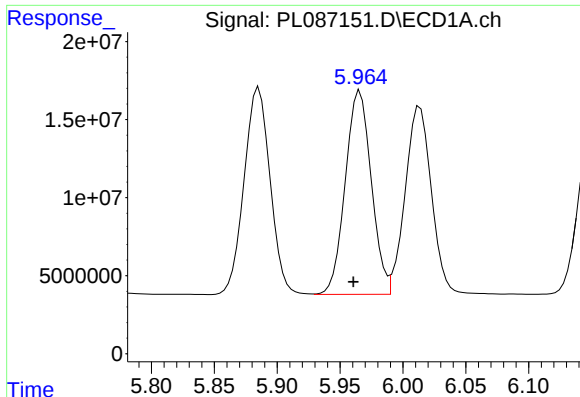
#10 gamma-Chlordane

R.T.: 5.885 min
Delta R.T.: 0.006 min
Response: 191177274
Conc: 44.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 56500264
Conc: 46.17 ng/ml



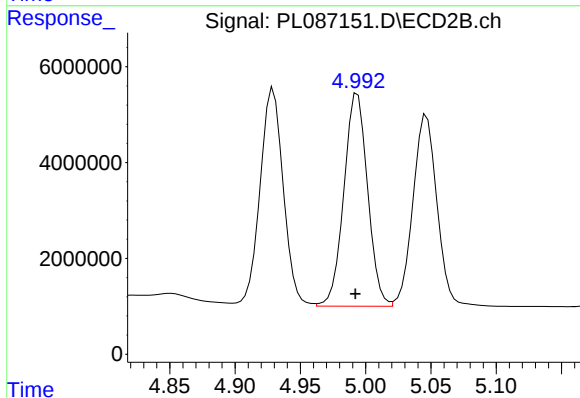
#11 alpha-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.005 min
Response: 187915336
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

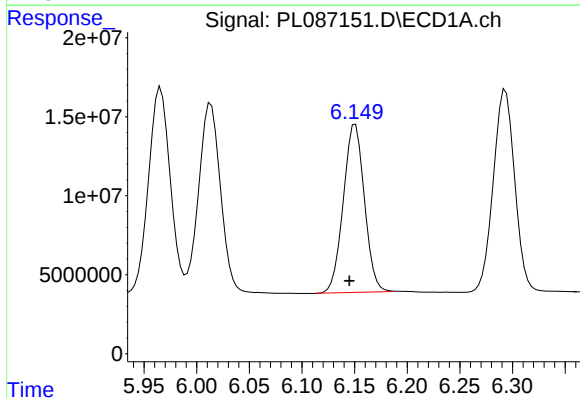
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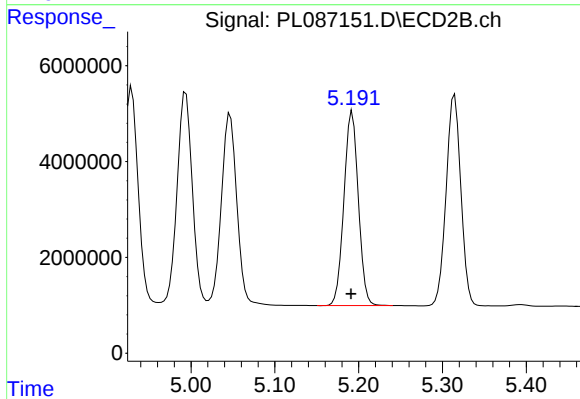
#11 alpha-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.001 min
Response: 56191094
Conc: 44.66 ng/ml



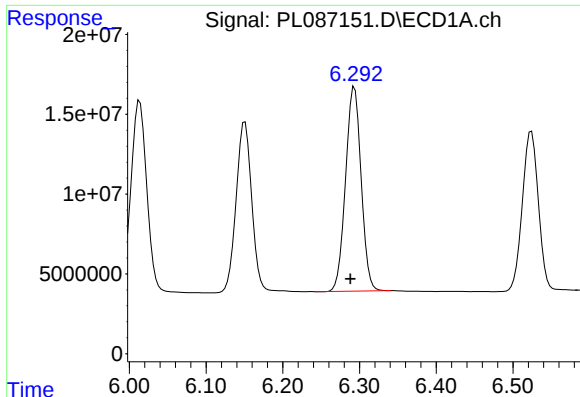
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 148772825
Conc: 45.45 ng/ml m



#12 4,4'-DDE

R.T.: 5.192 min
Delta R.T.: 0.002 min
Response: 48507846
Conc: 46.67 ng/ml



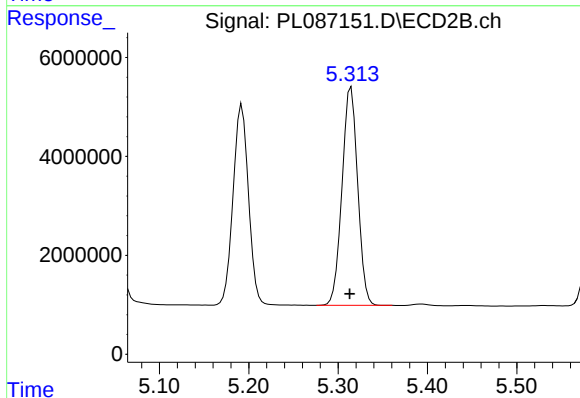
#13 Dieldrin

R.T.: 6.293 min
Delta R.T.: 0.005 min
Response: 181530758
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

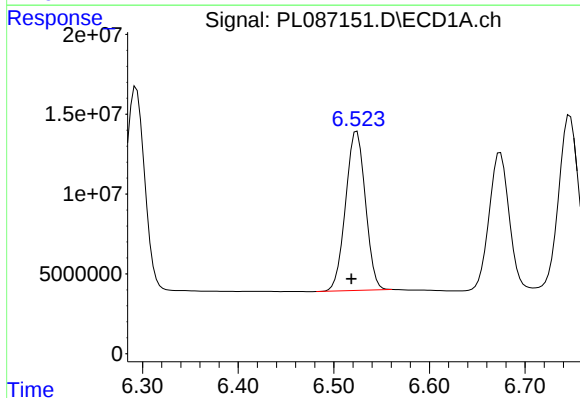
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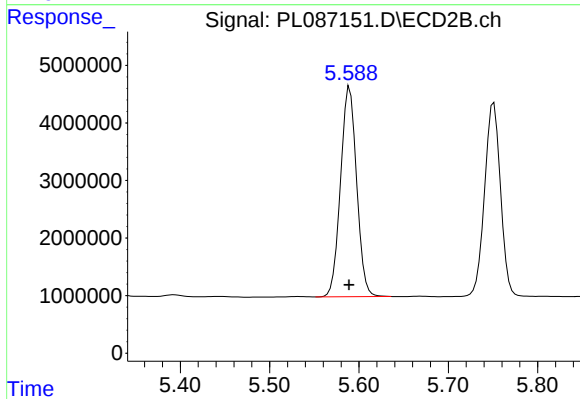
#13 Dieldrin

R.T.: 5.314 min
Delta R.T.: 0.001 min
Response: 53719467
Conc: 46.17 ng/ml



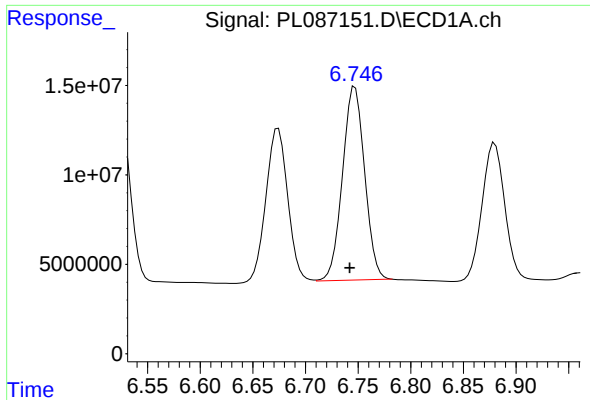
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.006 min
Response: 143950191
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 45637923
Conc: 44.64 ng/ml



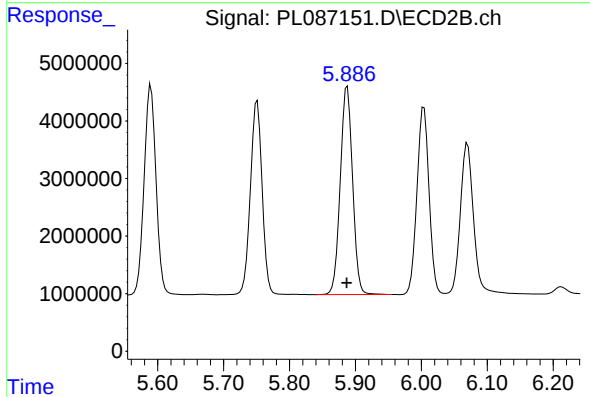
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.005 min
Response: 158692290
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

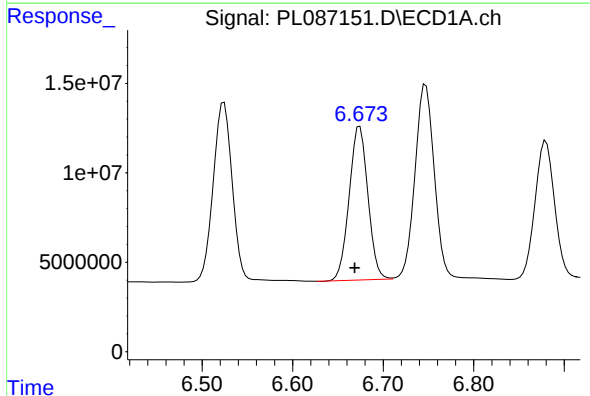
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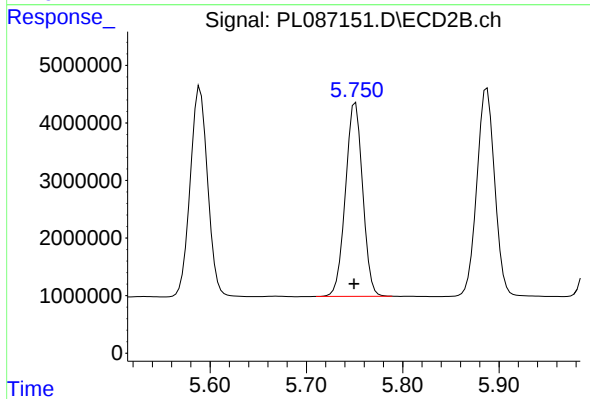
#15 Endosulfan II

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 46924631
Conc: 47.94 ng/ml



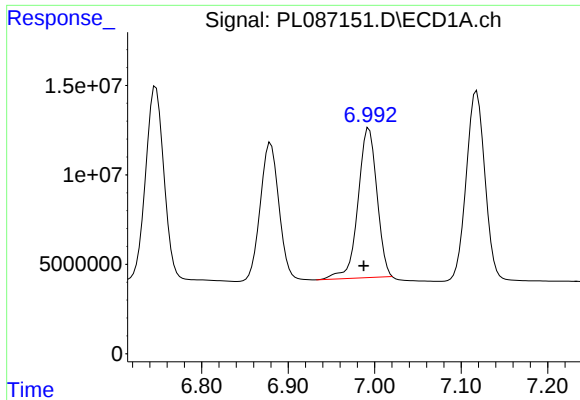
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.006 min
Response: 123566300
Conc: 50.78 ng/ml



#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: 0.001 min
Response: 41500357
Conc: 50.05 ng/ml



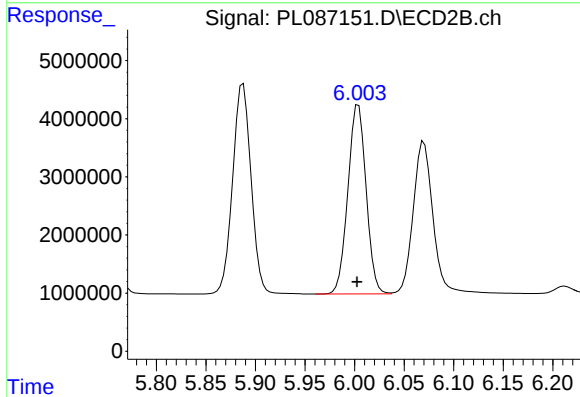
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.006 min
Response: 127180789
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

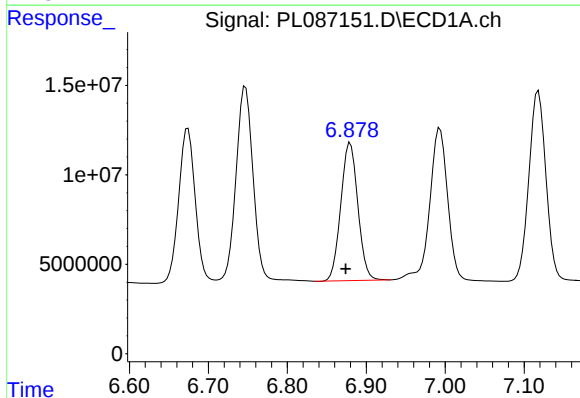
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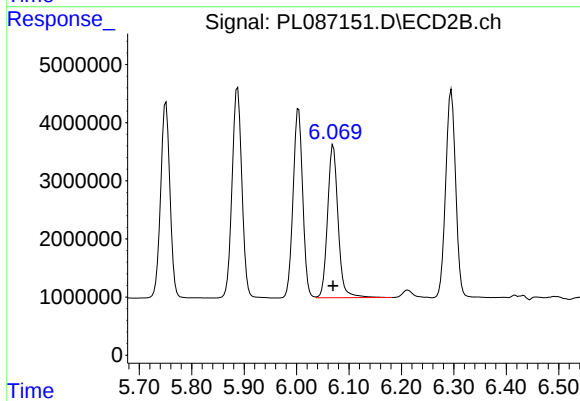
#17 4,4'-DDT

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 41641036
Conc: 47.47 ng/ml



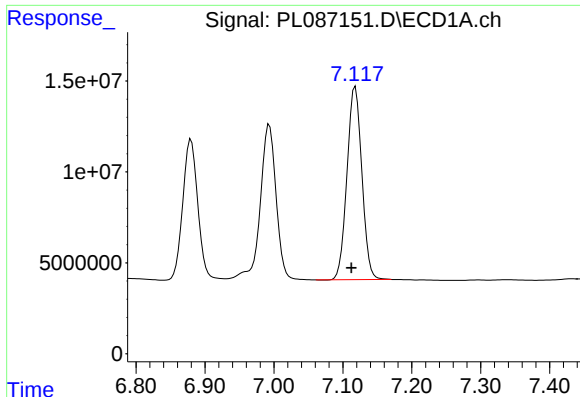
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.006 min
Response: 115747266
Conc: 49.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 36564497
Conc: 45.89 ng/ml



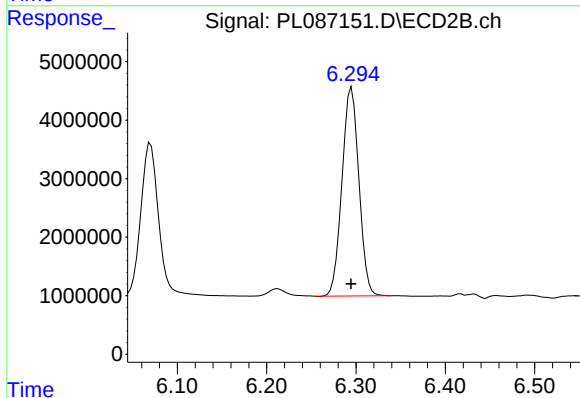
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.006 min
Response: 159380596
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

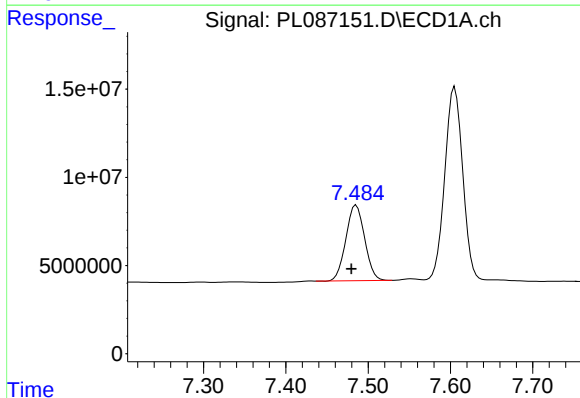
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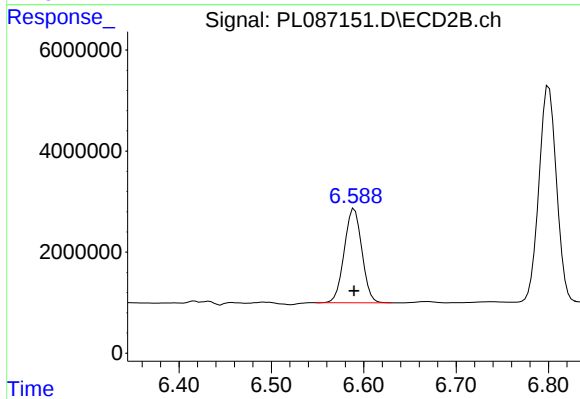
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 46856879
Conc: 50.15 ng/ml



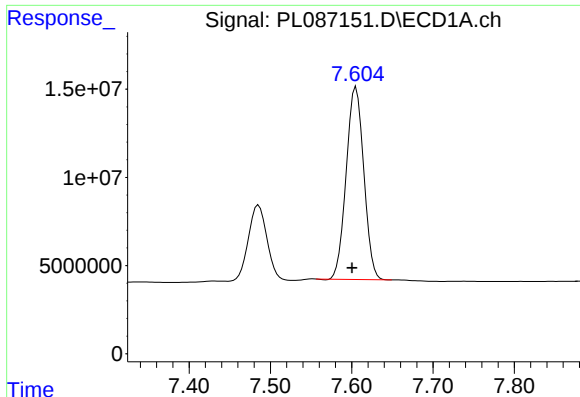
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: 0.006 min
Response: 67878056
Conc: 46.42 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 24697567
Conc: 45.30 ng/ml



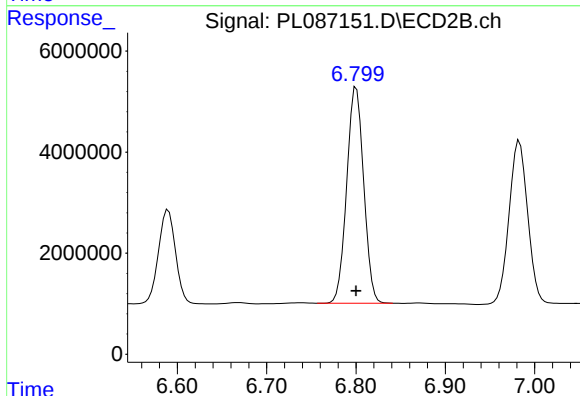
#21 Endrin ketone

R.T.: 7.605 min
Delta R.T.: 0.005 min
Response: 163487138
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

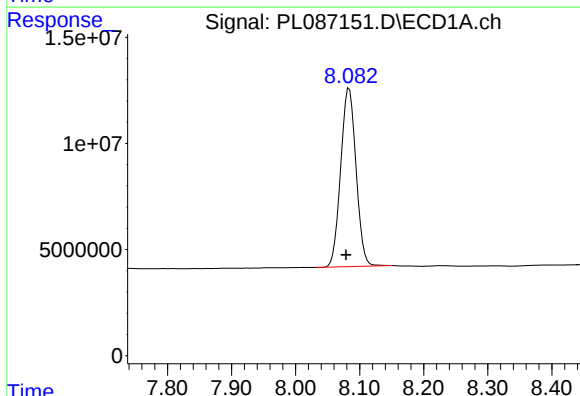
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2023
Supervised By :Ankita Jodhani 12/15/2023



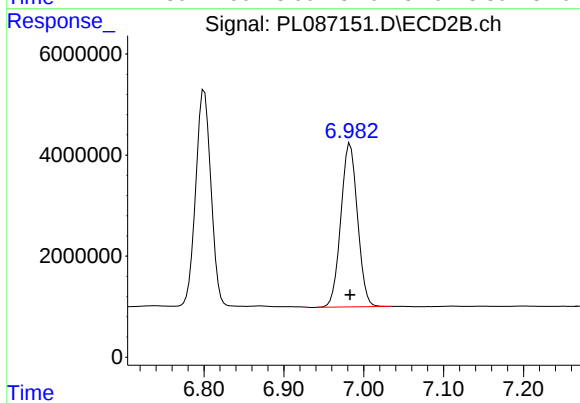
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 56483960
Conc: 52.56 ng/ml



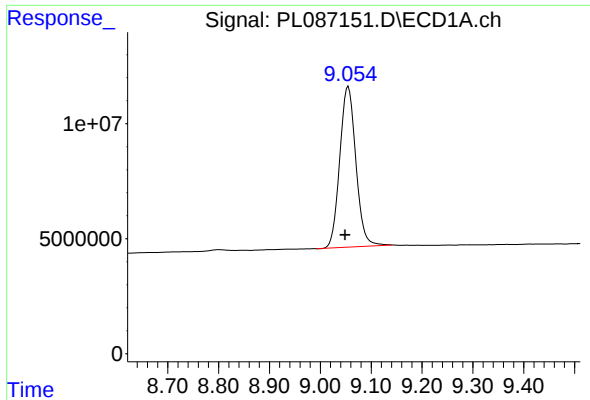
#22 Mirex

R.T.: 8.084 min
Delta R.T.: 0.005 min
Response: 139793976
Conc: 47.50 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 46883840
Conc: 49.89 ng/ml



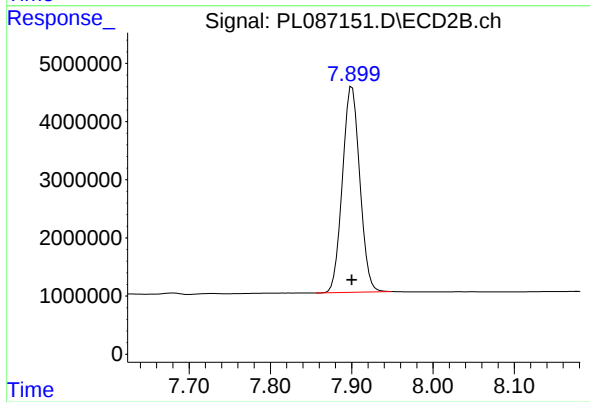
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 153696734
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 52452575
Conc: 51.20 ng/ml