

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 22:56
 Operator : AR\AJ
 Sample : PB152104BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152104BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2023
 Supervised By : Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 05:41:37 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...	3.326	2.652	51036484	48186235	21.943	24.140
2) SA Decachlor...	8.746	7.765	41363617	49110986	23.113	24.763m
Target Compounds						
2) A alpha-BHC	3.776	3.151	168.6E6	154.0E6	49.177	52.824
3) MA gamma-BHC...	4.104	3.478	152.9E6	143.1E6	48.118	51.383
4) MA Heptachlor	4.681	3.811	145.6E6	144.1E6	46.176m	50.277
5) MB Aldrin	5.019	4.088	143.0E6	140.0E6	50.000	52.535
6) B beta-BHC	4.306	3.778	67120407	59037050	44.596	49.570
7) B delta-BHC	4.548	4.005	152.7E6	139.8E6	50.231	54.065
8) B Heptachlo...	5.445	4.589	129.5E6	129.3E6	47.605	53.232
9) A Endosulfan I	5.826	4.957	114.3E6	118.6E6	46.264	53.735
10) B gamma-Chl...	5.700	4.838	125.5E6	130.1E6	47.818	53.524
11) B alpha-Chl...	5.778	4.901	123.8E6	129.5E6	47.816	53.330
12) B 4,4'-DDE	5.956	5.092	110.4E6	110.8E6	48.974	56.242
13) MA Dieldrin	6.100	5.221	121.3E6	125.4E6	50.110	55.769
14) MA Endrin	6.327	5.496	101.4E6	109.6E6	47.933	54.177
15) B Endosulfa...	6.549	5.791	104.6E6	108.2E6	49.302	59.652m
16) A 4,4'-DDD	6.472	5.647	97046260	95913670	53.810	63.204
17) MA 4,4'-DDT	6.783	5.895	77434390	79211797	38.152	45.966
18) B Endrin al...	6.679	5.972	84649414	88881405	51.738	57.233
19) B Endosulfa...	6.914	6.193	102.0E6	105.7E6	48.925	54.341m
20) A Methoxychlor	7.263	6.475	44742252	46195419	41.548	46.379
21) B Endrin ke...	7.393	6.700	104.0E6	115.5E6	49.672	54.068
22) Mirex	7.856	6.870	82288491	99263111	48.030m	51.706m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2023 22:56
Operator : AR\AJ
Sample : PB152104BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152104BS

Manual Integrations

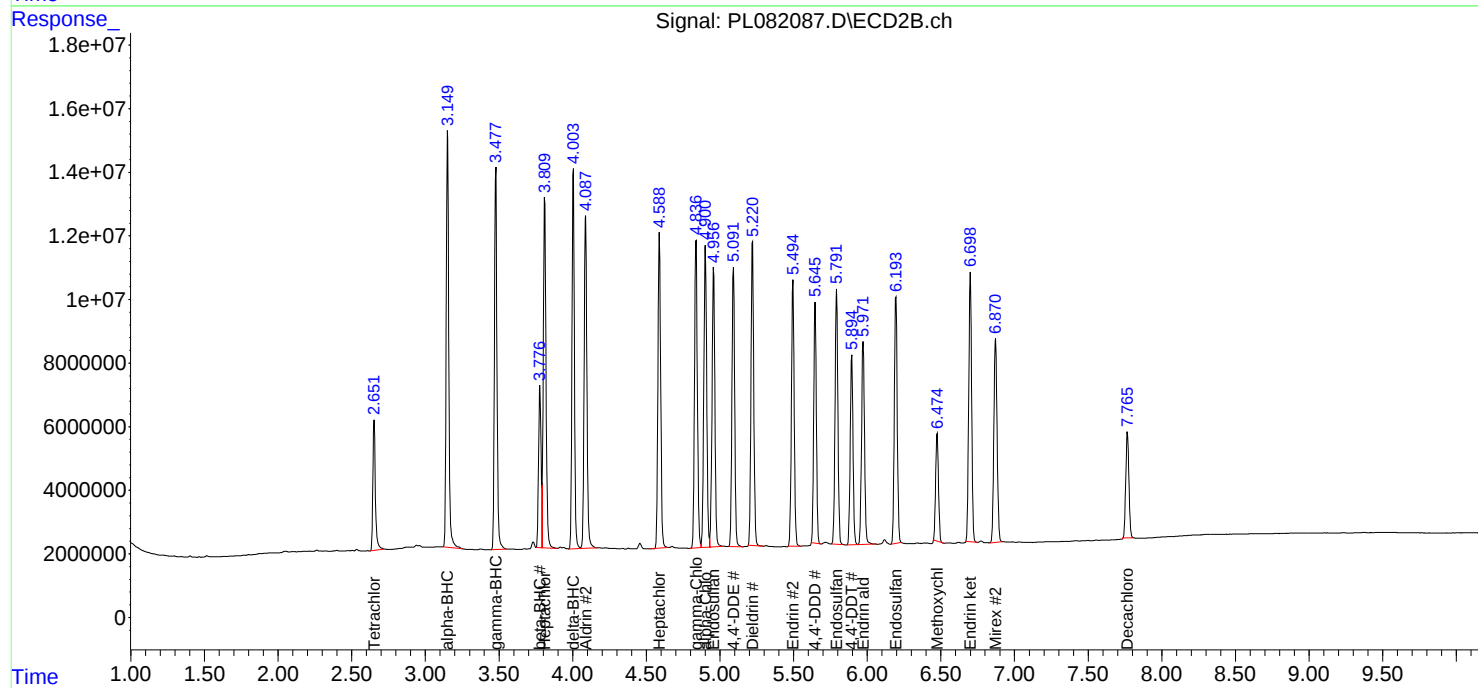
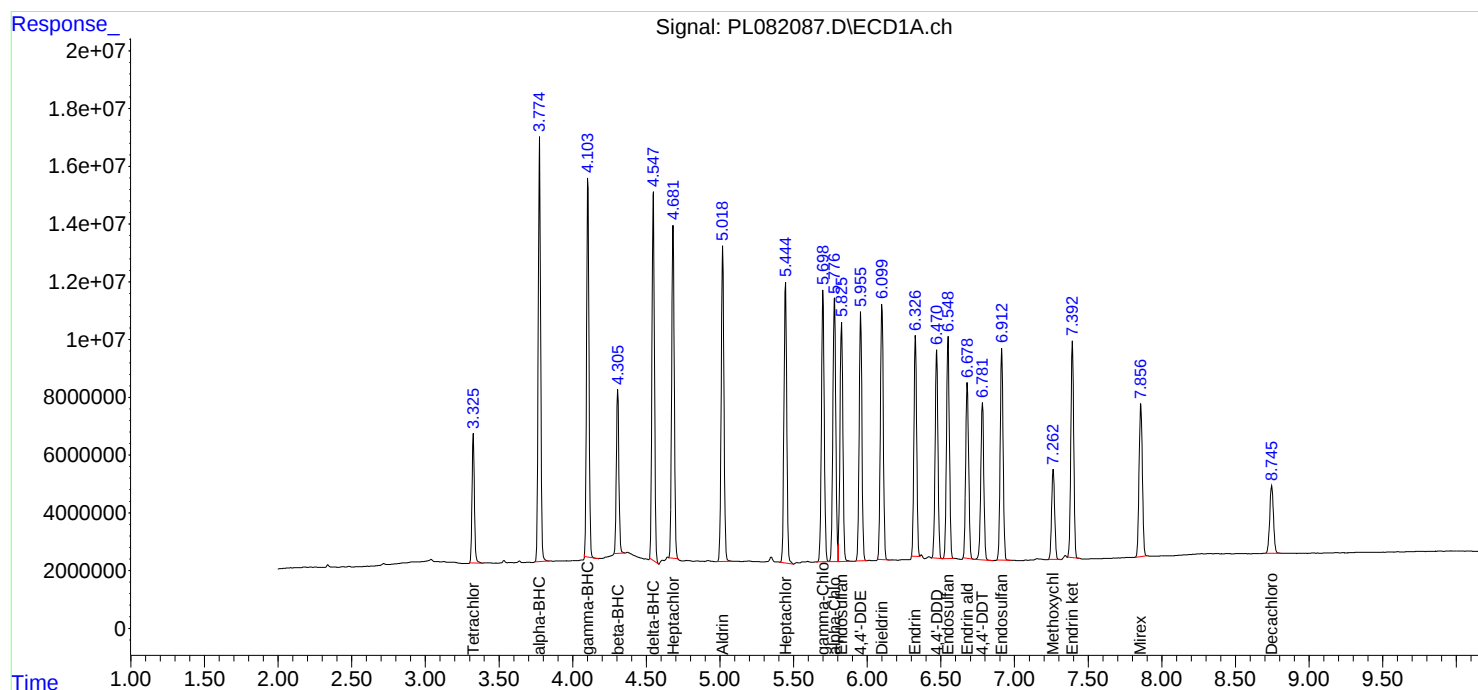
APPROVED

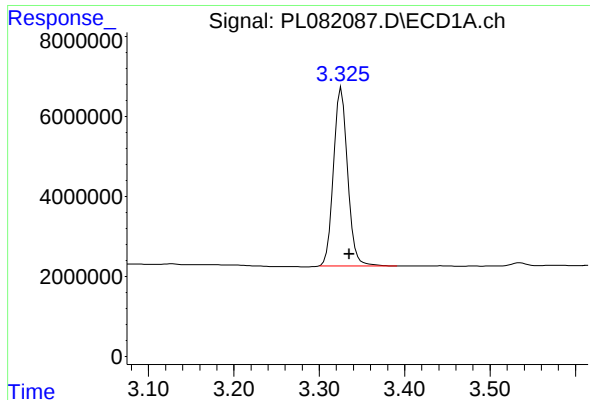
Reviewed By :Abdul Mirza 04/14/2023

Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 05:41:37 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





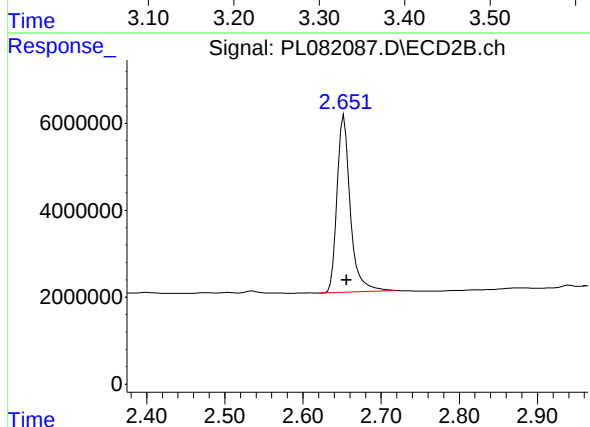
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 51036484
Conc: 21.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

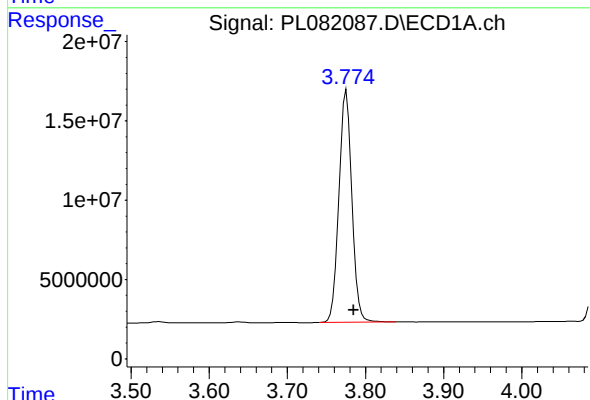
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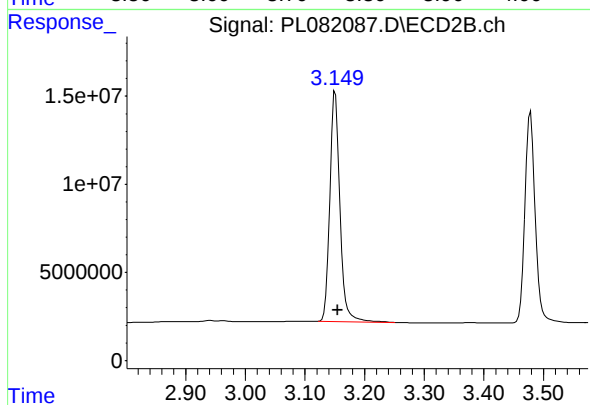
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 48186235
Conc: 24.14 ng/ml



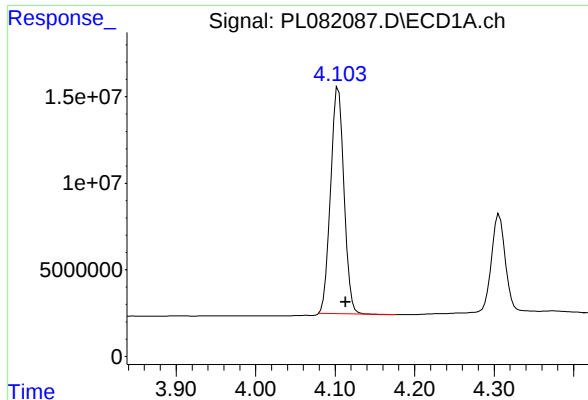
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 168598036
Conc: 49.18 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 153980639
Conc: 52.82 ng/ml



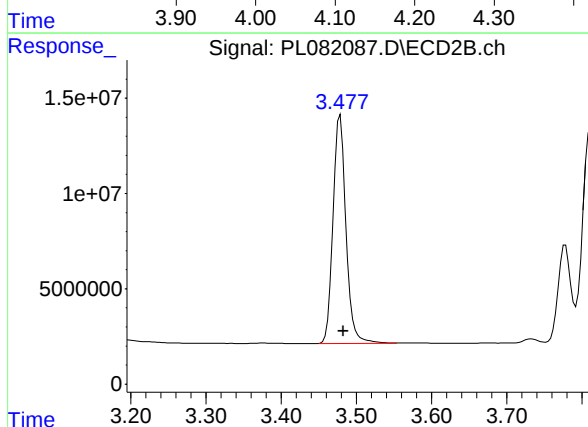
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 152862622
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

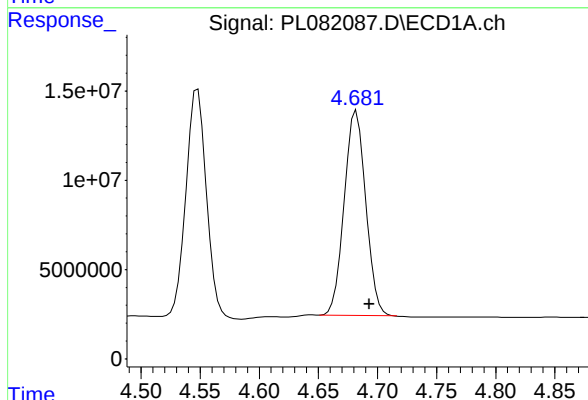
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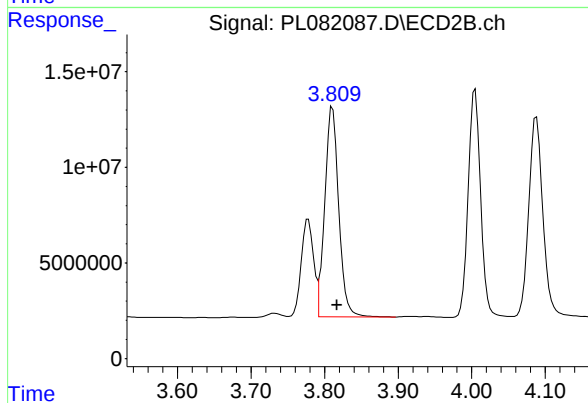
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 143060364
Conc: 51.38 ng/ml



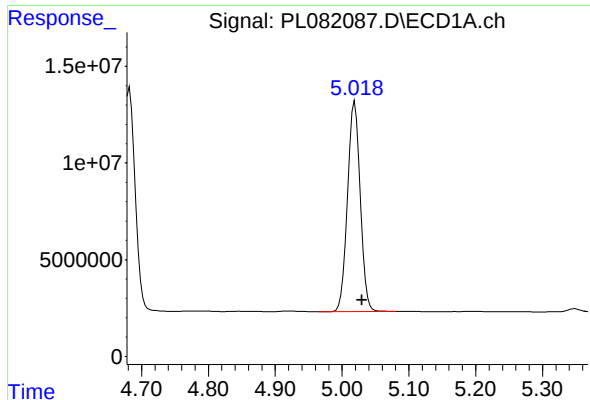
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.012 min
Response: 145556017
Conc: 46.18 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 144141631
Conc: 50.28 ng/ml



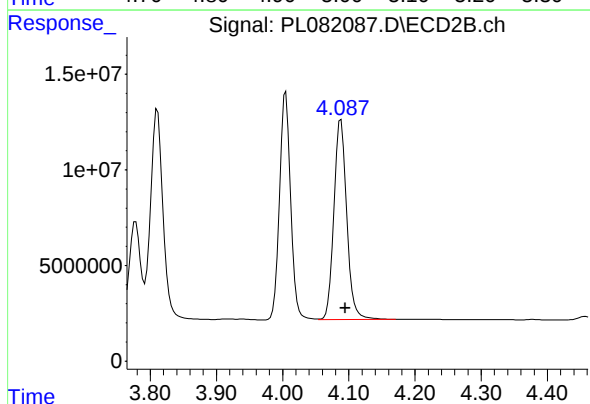
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 143015382
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

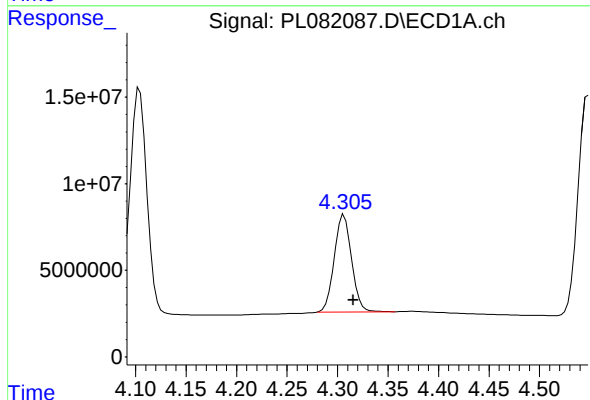
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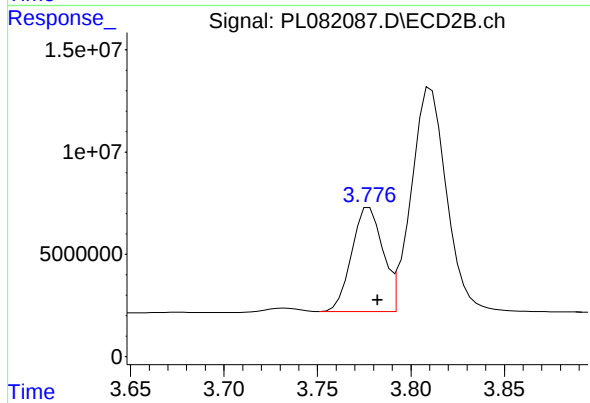
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 139978506
Conc: 52.54 ng/ml



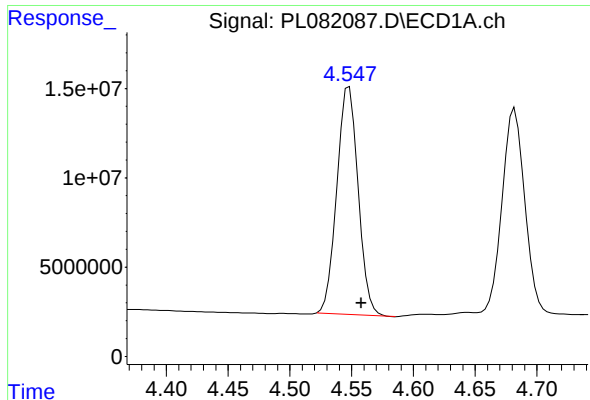
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 67120407
Conc: 44.60 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 59037050
Conc: 49.57 ng/ml



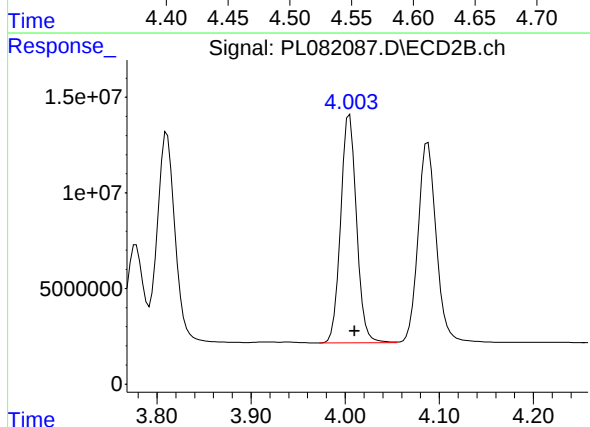
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 152661314
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

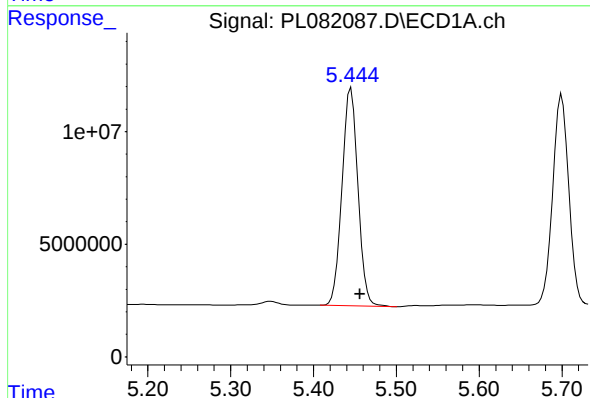
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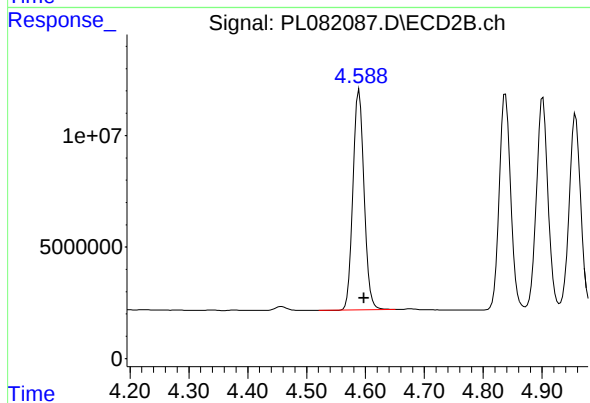
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 139816525
Conc: 54.06 ng/ml



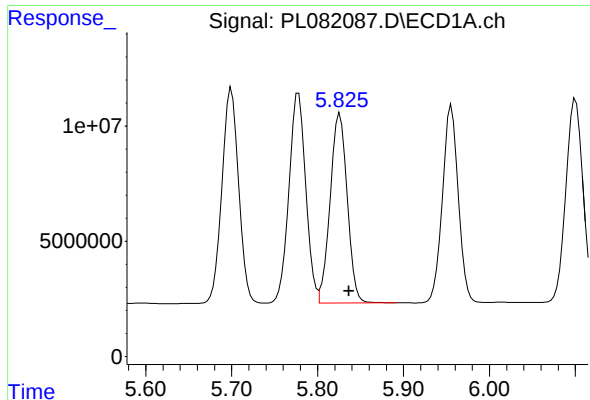
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 129487620
Conc: 47.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.589 min
Delta R.T.: -0.008 min
Response: 129287253
Conc: 53.23 ng/ml



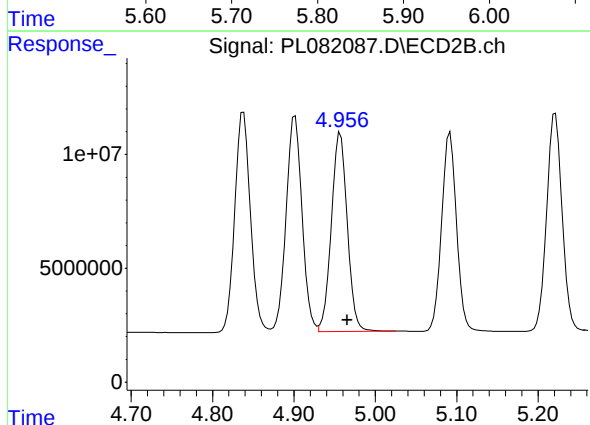
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 114309936
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

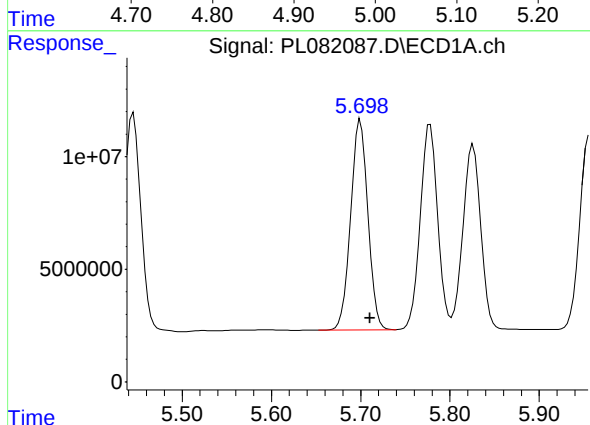
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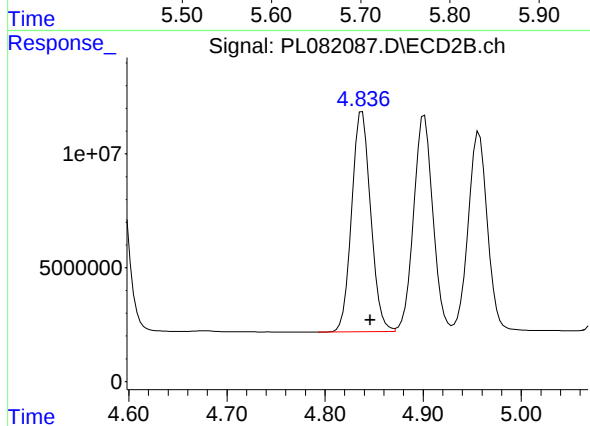
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 118632258
Conc: 53.73 ng/ml



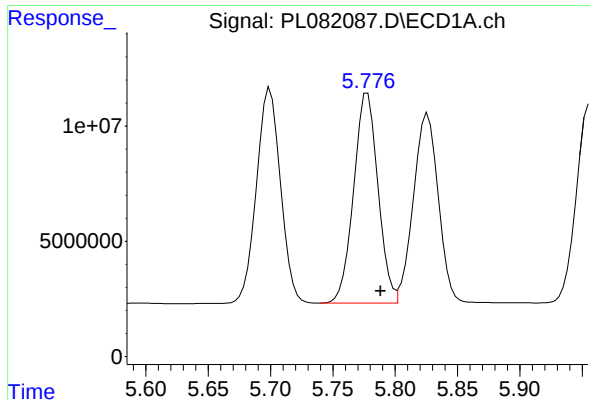
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.011 min
Response: 125532132
Conc: 47.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 130083132
Conc: 53.52 ng/ml



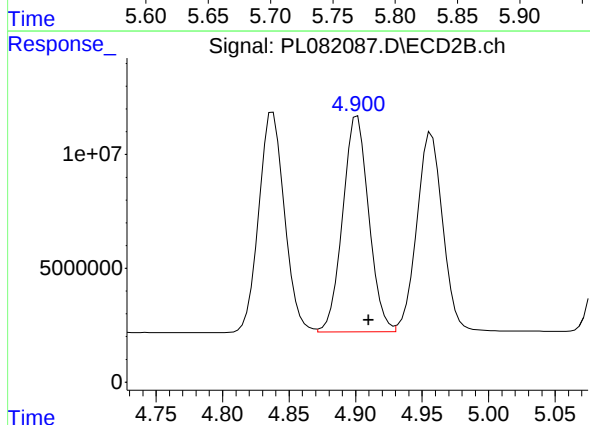
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 123766981
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

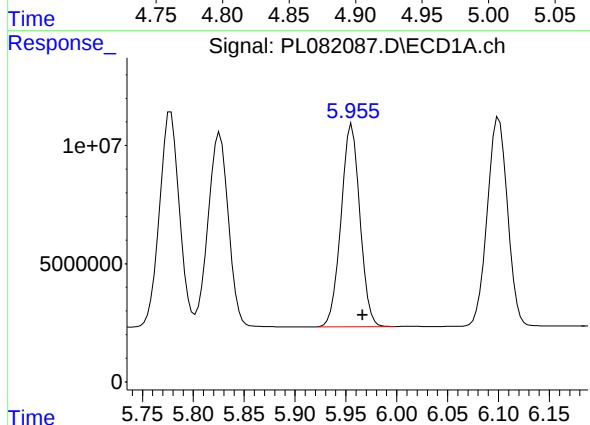
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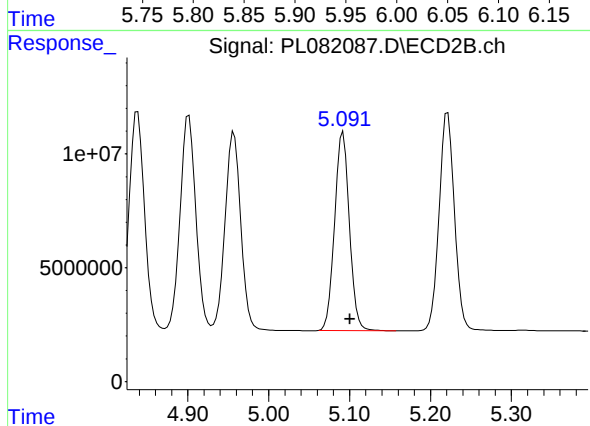
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.008 min
Response: 129534587
Conc: 53.33 ng/ml



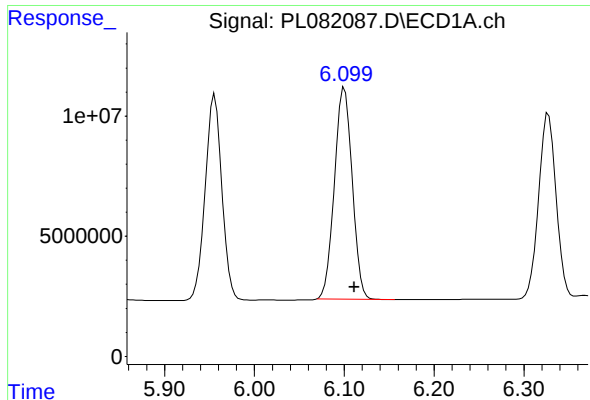
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 110370919
Conc: 48.97 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 110786087
Conc: 56.24 ng/ml



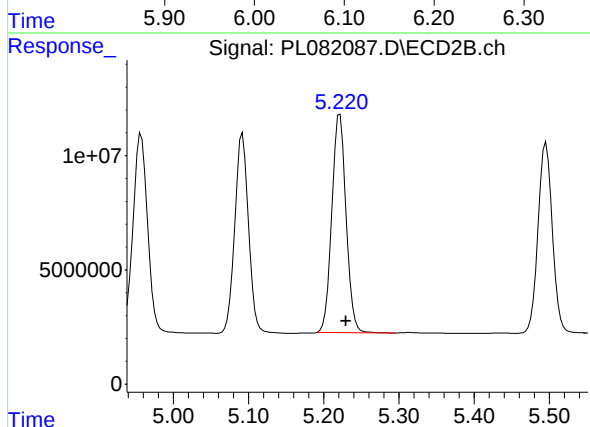
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 121312751
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

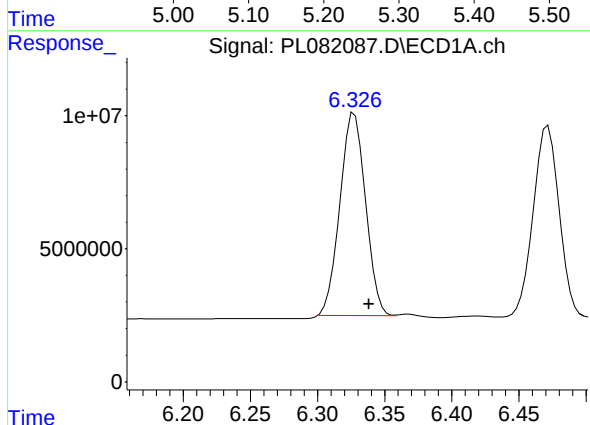
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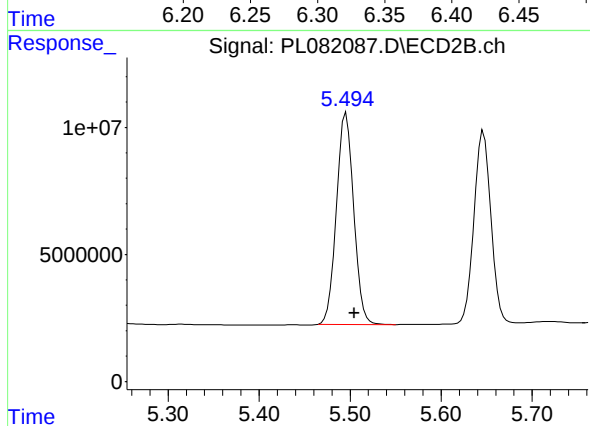
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 125448235
Conc: 55.77 ng/ml



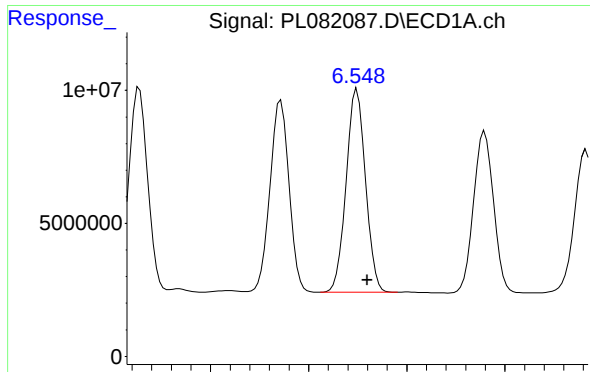
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 101390099
Conc: 47.93 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 109638823
Conc: 54.18 ng/ml



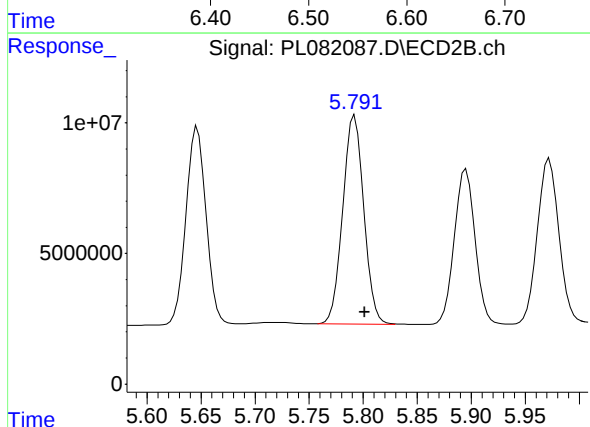
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 104623712
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

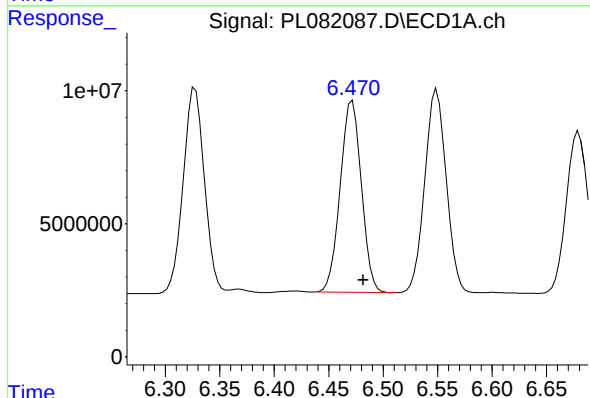
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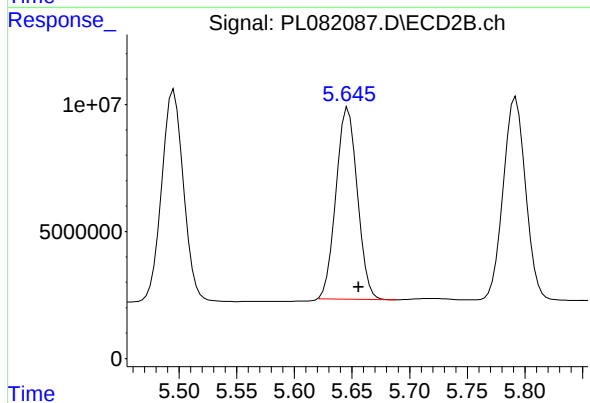
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.010 min
Response: 108210683
Conc: 59.65 ng/ml



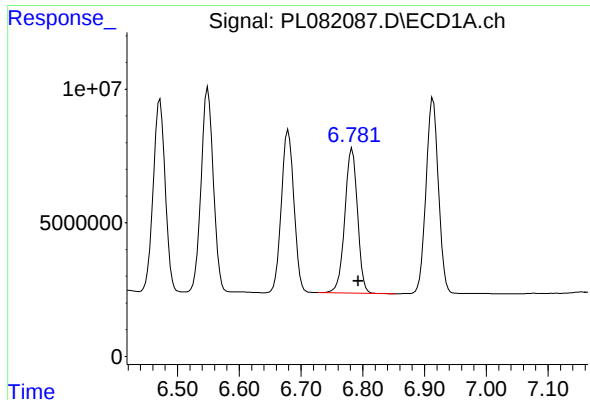
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 97046260
Conc: 53.81 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 95913670
Conc: 63.20 ng/ml



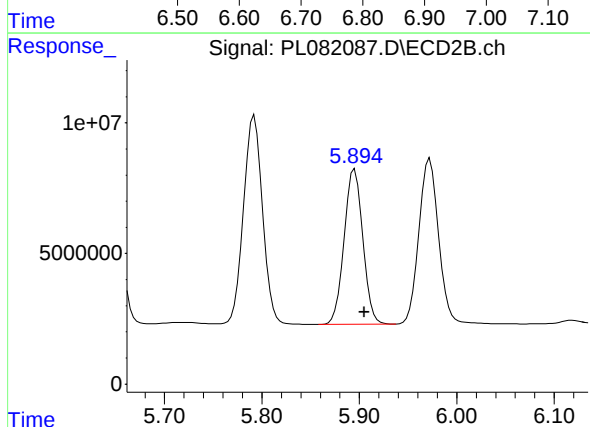
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 77434390
Conc: 38.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

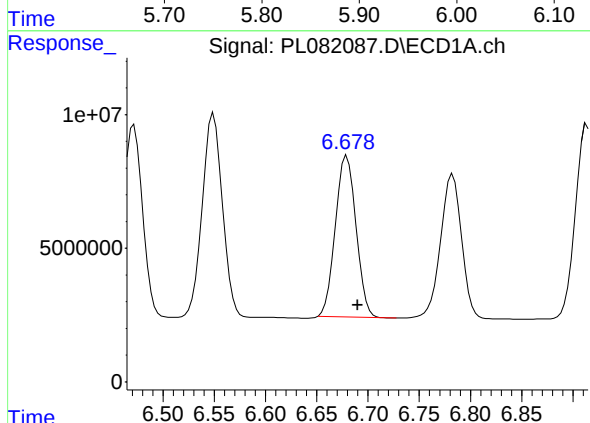
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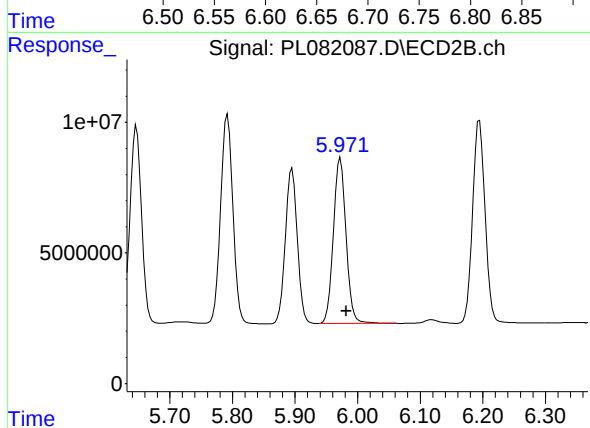
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 79211797
Conc: 45.97 ng/ml



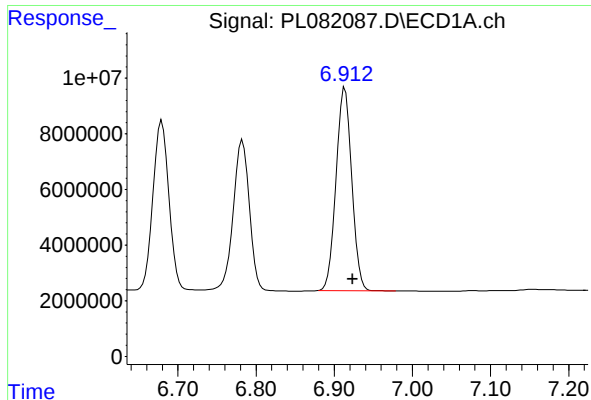
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 84649414
Conc: 51.74 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 88881405
Conc: 57.23 ng/ml



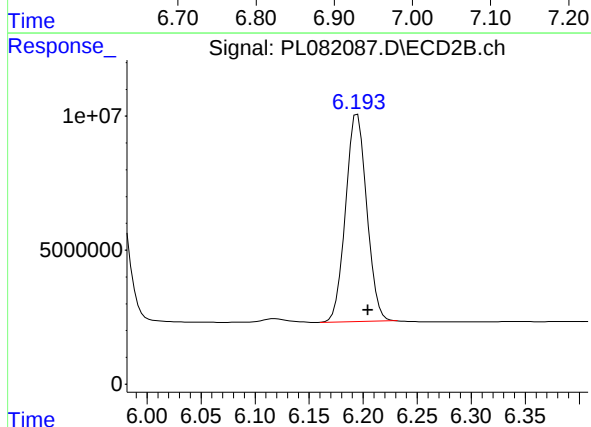
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: -0.010 min
Response: 101960976
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

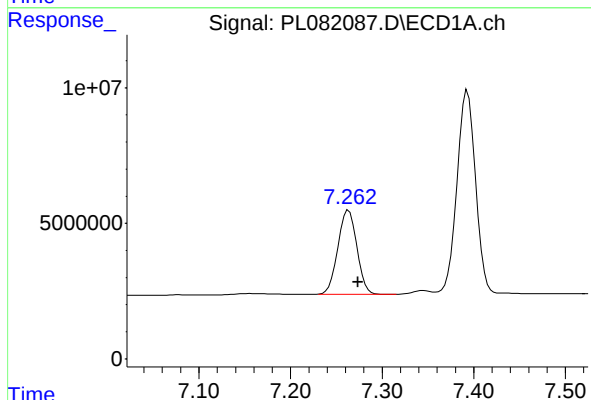
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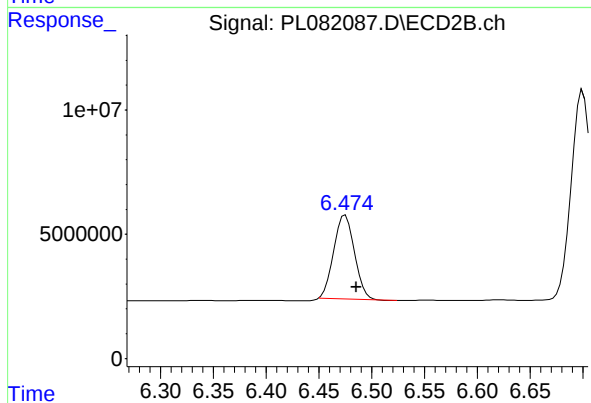
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 105731378
Conc: 54.34 ng/ml



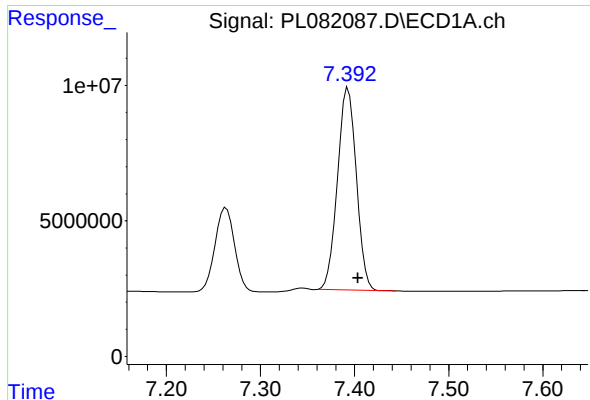
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 44742252
Conc: 41.55 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 46195419
Conc: 46.38 ng/ml



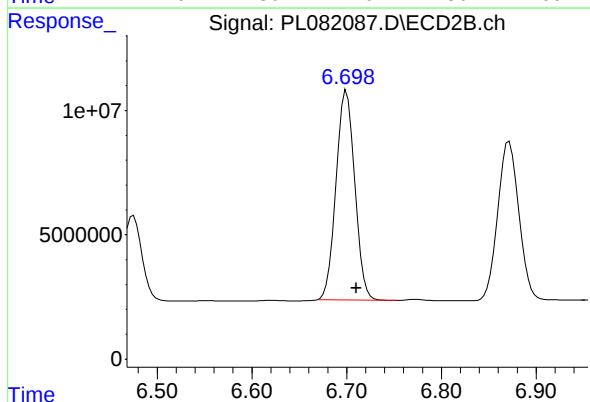
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 104045691
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

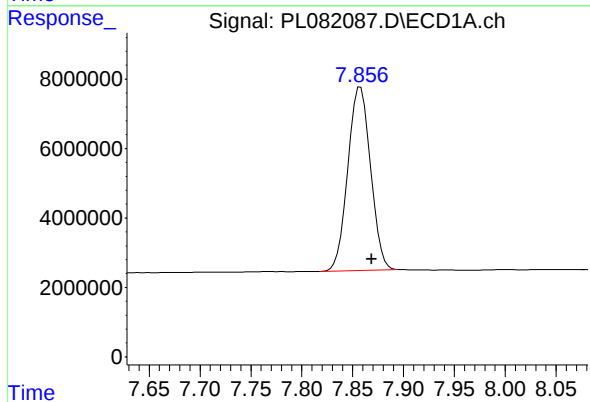
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2023
Supervised By :Ankita Jodhani 04/14/2023



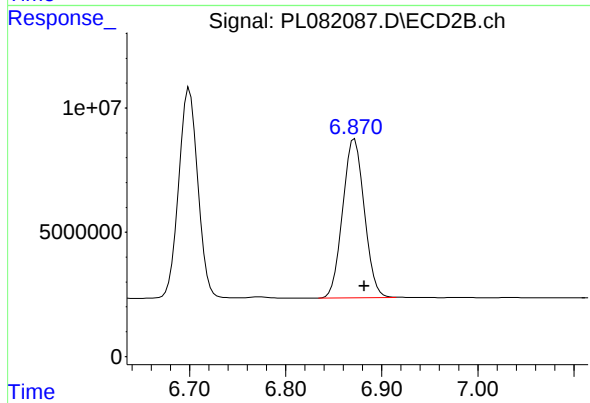
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 115543239
Conc: 54.07 ng/ml



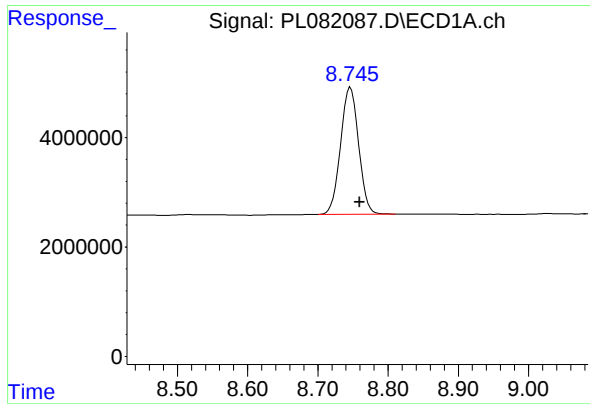
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 82288491
Conc: 48.03 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 99263111
Conc: 51.71 ng/ml m



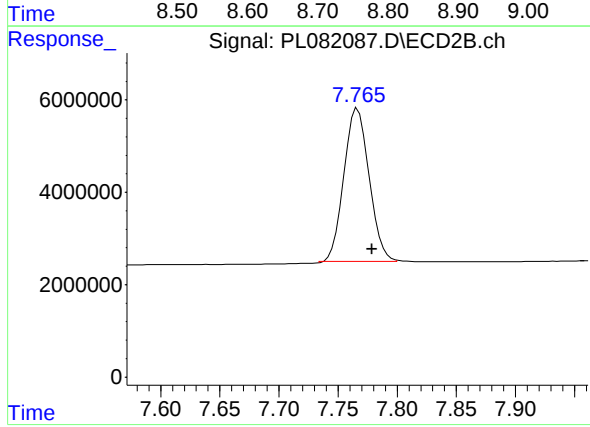
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.013 min
Response: 41363617
Conc: 23.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152104BS

Manual Integrations
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Supervised By :Ankita Jodhani 04/14/2023



#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.014 min
Response: 49110986
Conc: 24.76 ng/ml m