

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
 Data File : PL082101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 11:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 12:48:04 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	120.3E6	109.8E6	51.705	54.993
28)	SA Decachlor...	8.747	7.765	82818770	104.9E6	46.277	52.893m
Target Compounds							
2)	A alpha-BHC	3.775	3.150	183.4E6	161.0E6	53.507	55.234
3)	MA gamma-BHC...	4.103	3.478	165.0E6	137.5E6	51.929	49.393
4)	MA Heptachlor	4.681	3.810	151.9E6	153.9E6	48.198m	53.697
5)	MB Aldrin	5.019	4.087	140.7E6	138.7E6	49.198	52.073
6)	B beta-BHC	4.306	3.777	73600374	63188808	48.901	53.056
7)	B delta-BHC	4.547	4.004	128.1E6	142.0E6	42.143m	54.921 #
8)	B Heptachlo...	5.445	4.589	118.8E6	125.7E6	43.666	51.742
9)	A Endosulfan I	5.826	4.956	116.1E6	118.1E6	46.987	53.485
10)	B gamma-Chl...	5.700	4.838	121.8E6	126.9E6	46.395	52.215
11)	B alpha-Chl...	5.778	4.901	123.0E6	126.7E6	47.536	52.149
12)	B 4,4'-DDE	5.956	5.091	109.5E6	108.3E6	48.595	54.992
13)	MA Dieldrin	6.101	5.221	118.1E6	119.7E6	48.798	53.231
14)	MA Endrin	6.326	5.495	106.9E6	105.7E6	50.546m	52.243
15)	B Endosulfa...	6.549	5.790	118.6E6	103.5E6	55.897	57.060m
16)	A 4,4'-DDD	6.472	5.647	87691893	85117831	48.624	56.090
17)	MA 4,4'-DDT	6.782	5.895	101.8E6	98779400	50.155	57.321
18)	B Endrin al...	6.680	5.972	78906766	83027453	48.228	53.463
19)	B Endosulfa...	6.914	6.193	101.3E6	105.6E6	48.602	54.291m
20)	A Methoxychlor	7.263	6.473	53927444	58390042	50.077	58.622m
21)	B Endrin ke...	7.393	6.700	104.3E6	117.0E6	49.798	54.741
22)	Mirex	7.856	6.870	83397904	101.5E6	48.677m	52.887m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
Data File : PL082101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2023 11:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

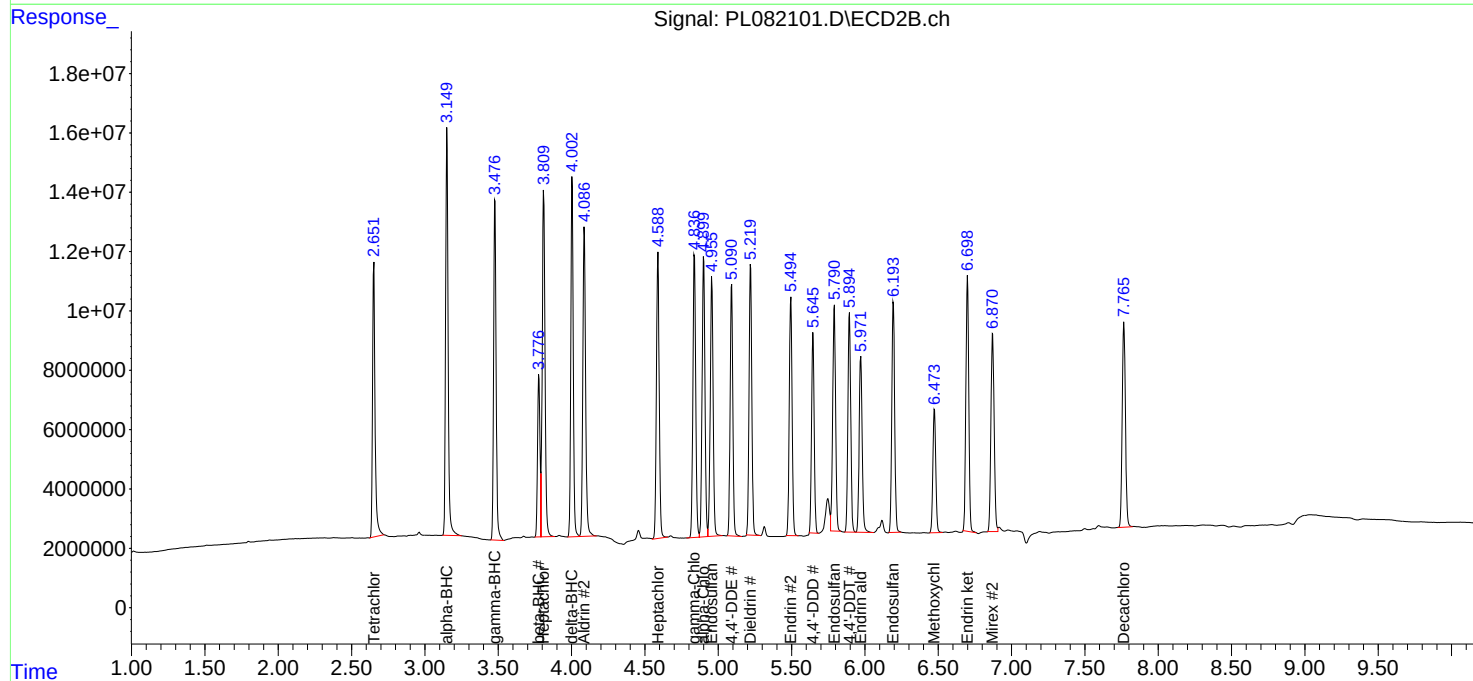
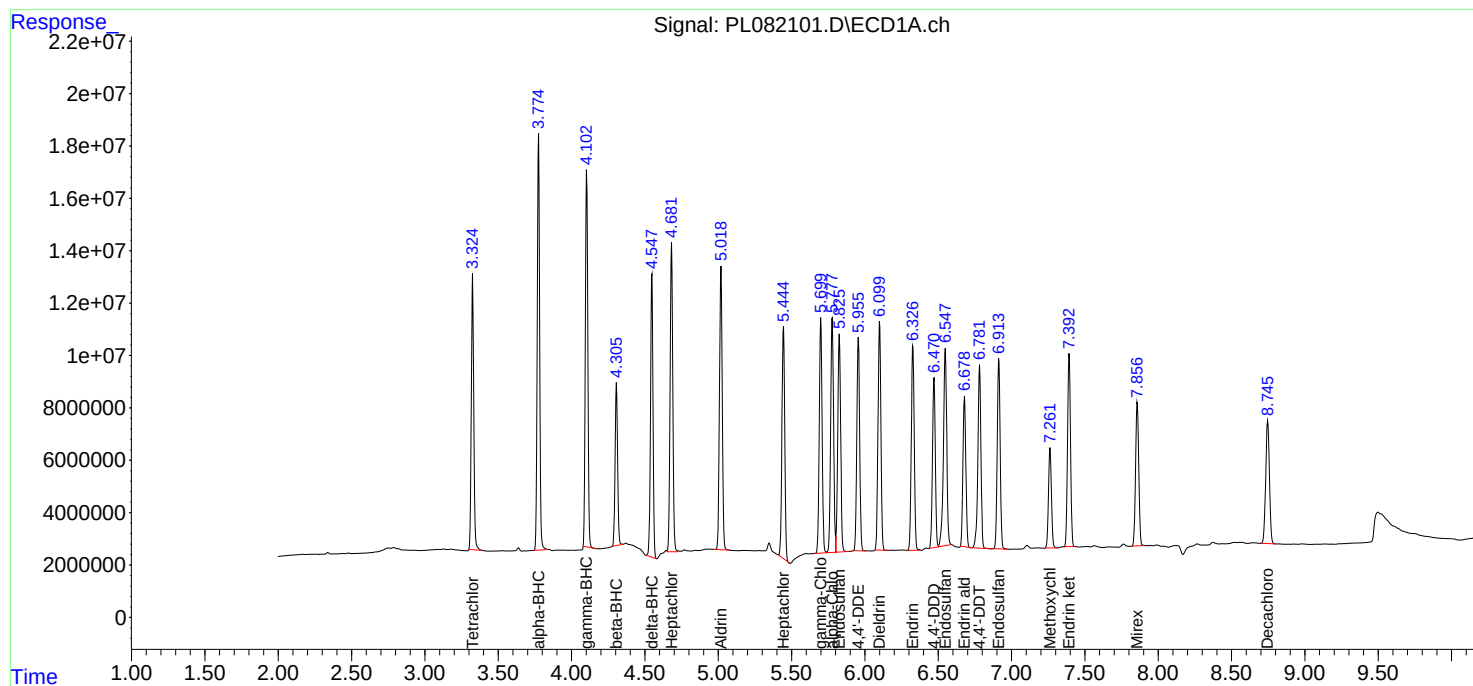
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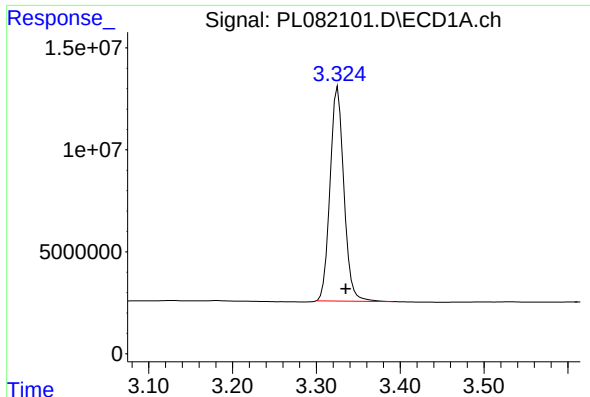
Reviewed By :Abdul Mirza 04/17/2023

Supervised By :Ankita Jodhani 04/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 12:48:04 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





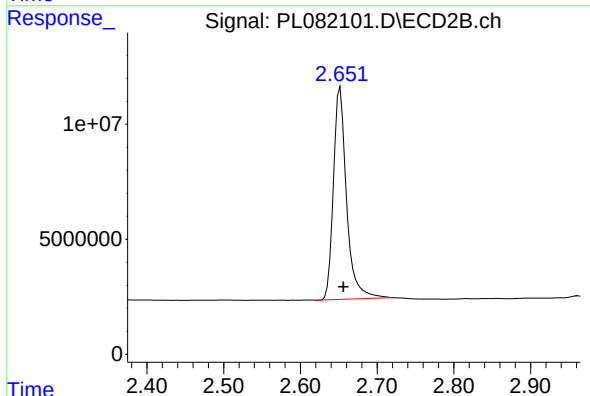
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 120259523
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

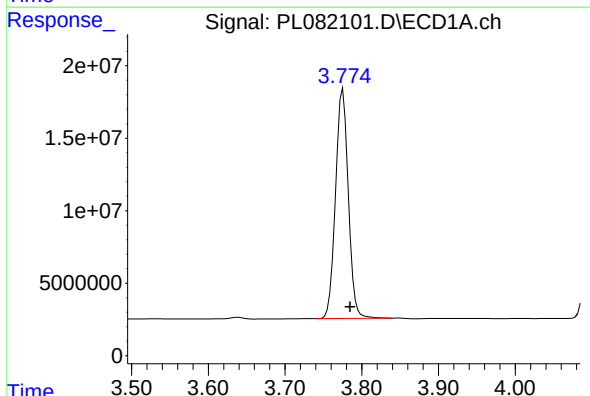
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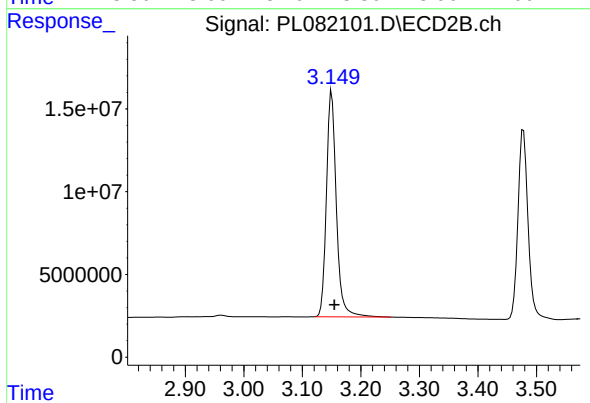
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 109773673
Conc: 54.99 ng/ml



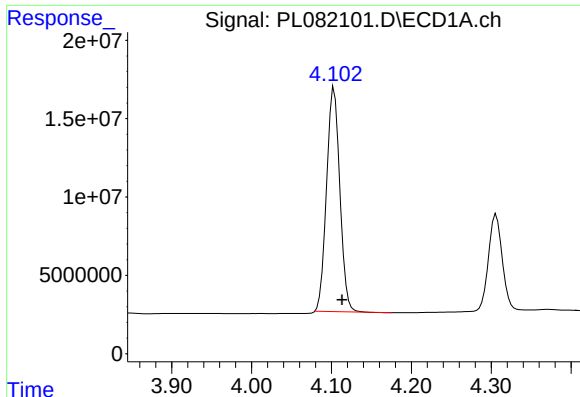
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.009 min
Response: 183443137
Conc: 53.51 ng/ml



#2 alpha-BHC

R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 161007609
Conc: 55.23 ng/ml



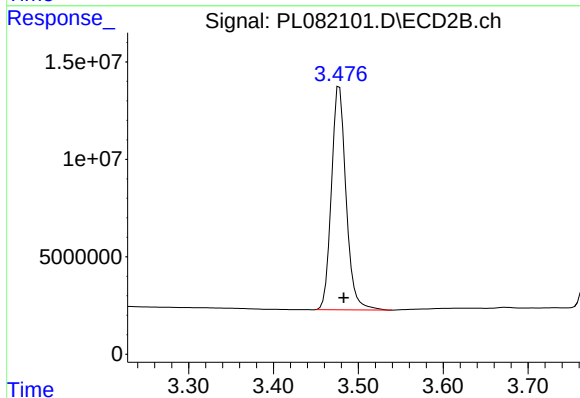
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 164969165
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

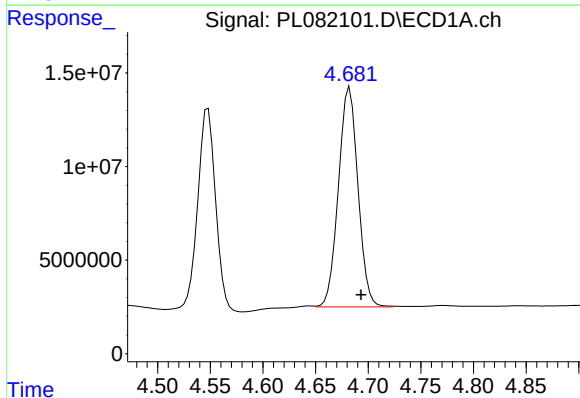
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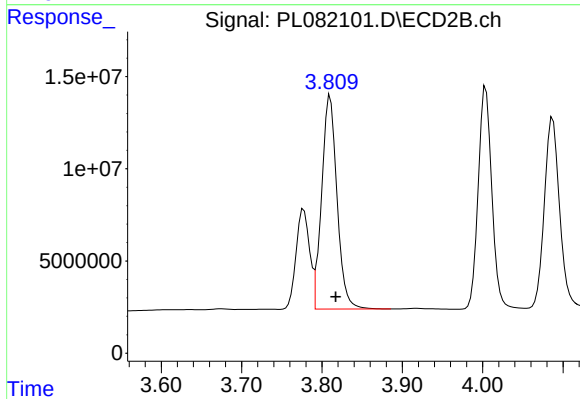
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 137519760
Conc: 49.39 ng/ml



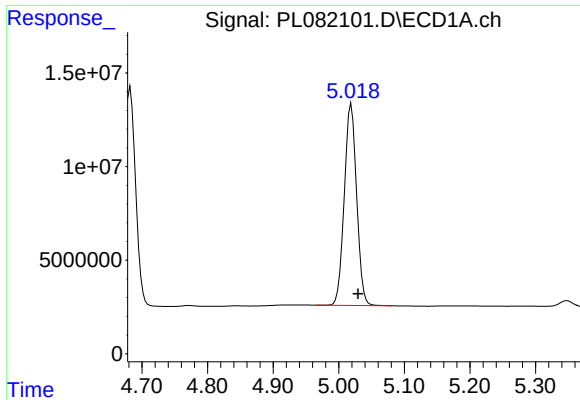
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.012 min
Response: 151928487
Conc: 48.20 ng/ml m



#4 Heptachlor

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 153946031
Conc: 53.70 ng/ml



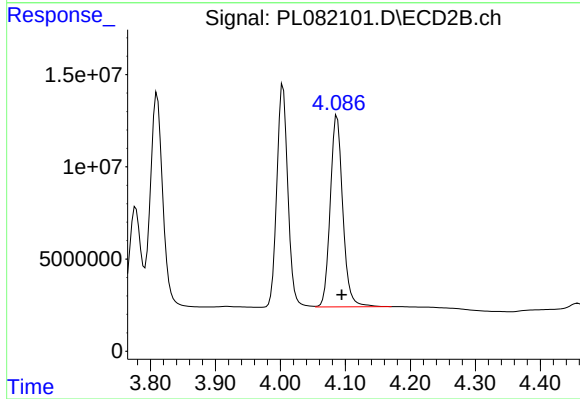
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 140719445
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

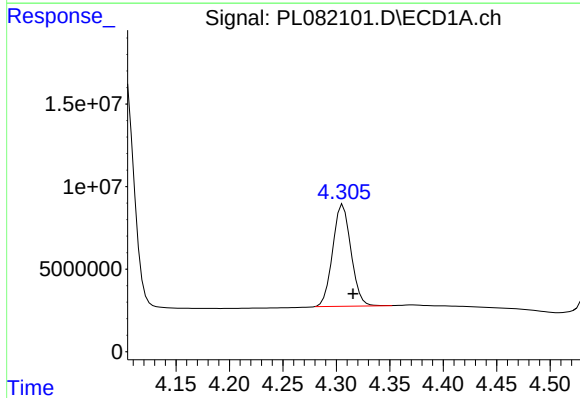
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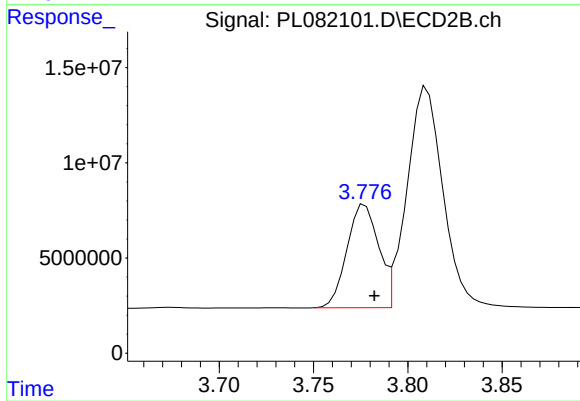
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 138746545
Conc: 52.07 ng/ml



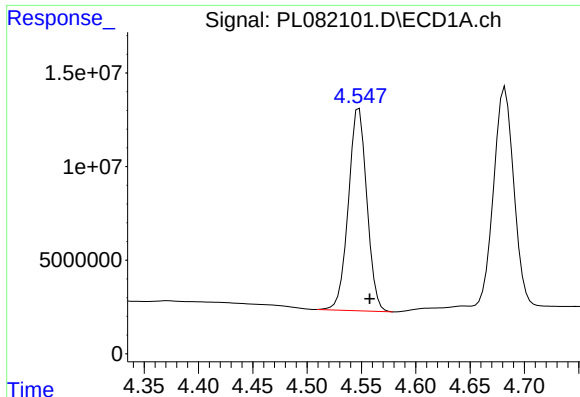
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 73600374
Conc: 48.90 ng/ml



#6 beta-BHC

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 63188808
Conc: 53.06 ng/ml



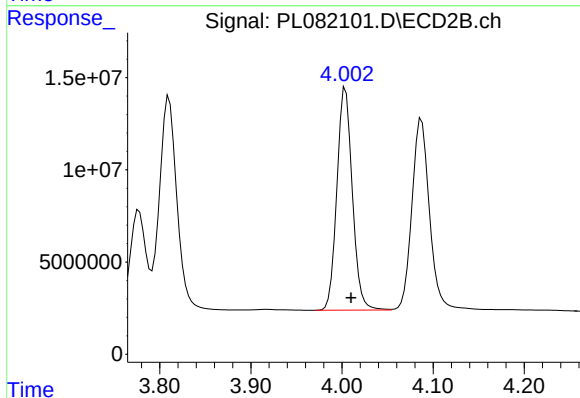
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 128081446
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

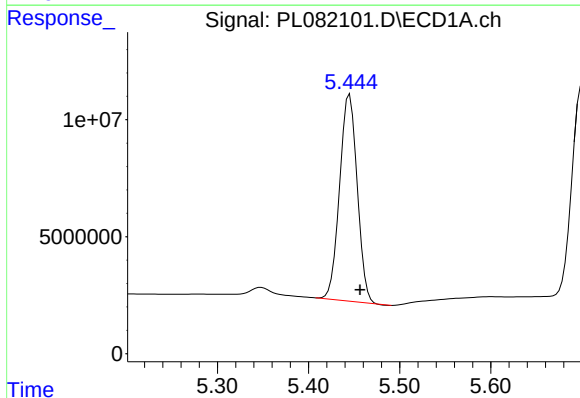
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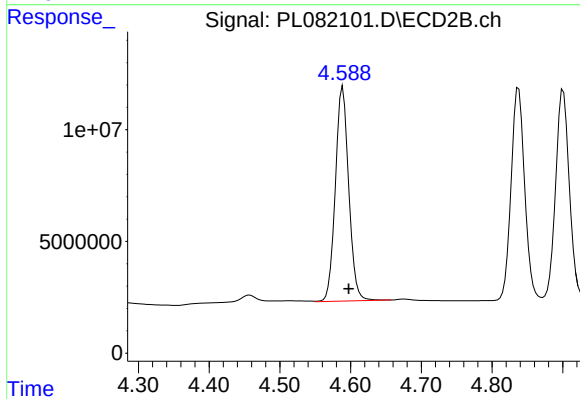
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 142031624
Conc: 54.92 ng/ml



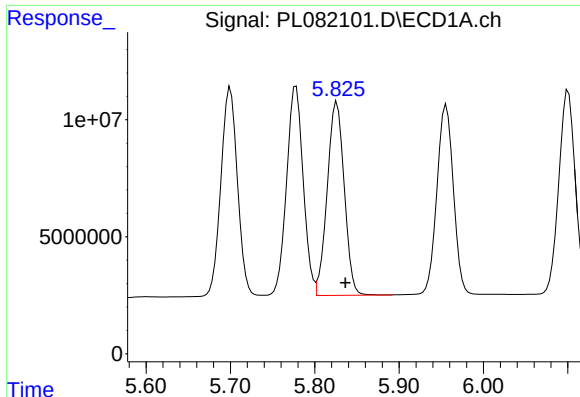
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 118772187
Conc: 43.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.589 min
Delta R.T.: -0.009 min
Response: 125669282
Conc: 51.74 ng/ml



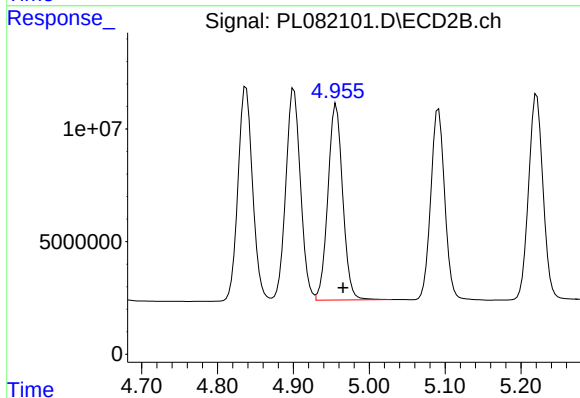
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 116096388
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#9 Endosulfan I

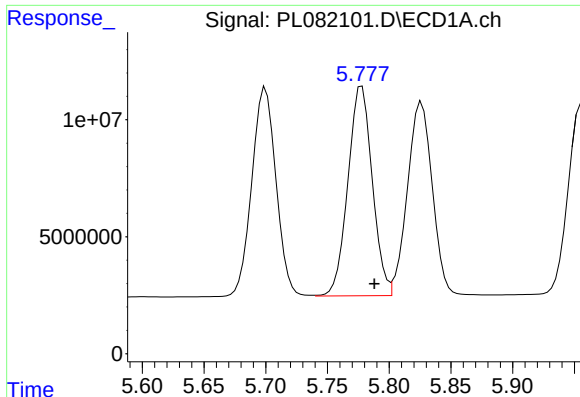
R.T.: 4.956 min
Delta R.T.: -0.009 min
Response: 118079587
Conc: 53.48 ng/ml

#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 121796984
Conc: 46.39 ng/ml

#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.009 min
Response: 126902226
Conc: 52.21 ng/ml



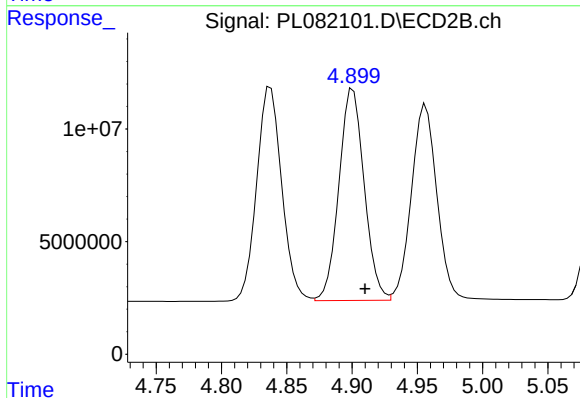
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 123042796
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

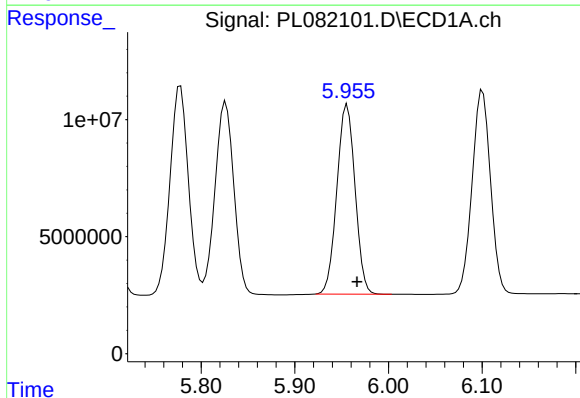
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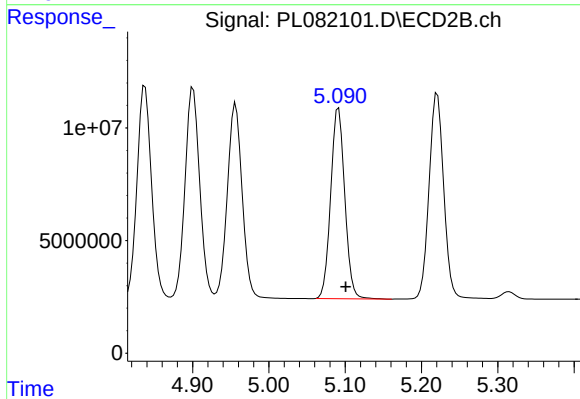
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 126666291
Conc: 52.15 ng/ml



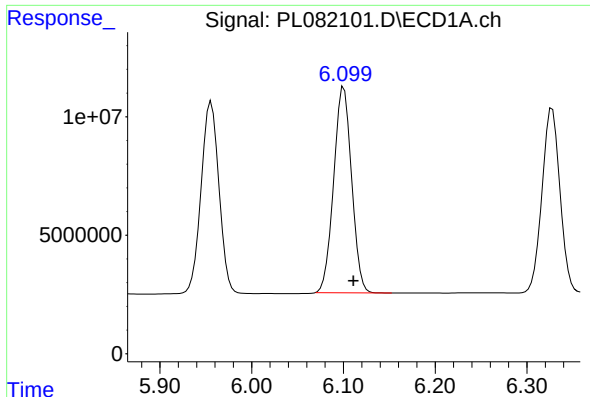
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 109515724
Conc: 48.59 ng/ml



#12 4,4'-DDE

R.T.: 5.091 min
Delta R.T.: -0.009 min
Response: 108323493
Conc: 54.99 ng/ml



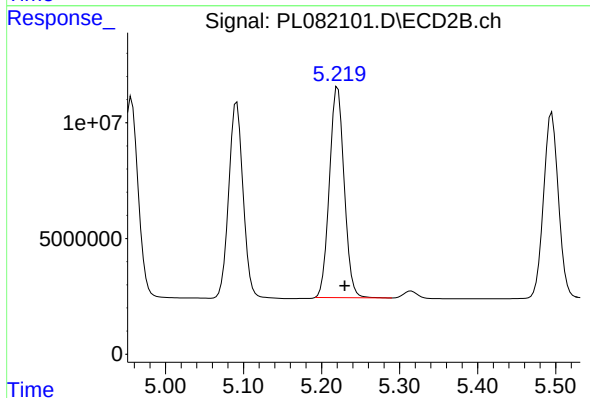
#13 Dieldrin

R.T.: 6.101 min
Delta R.T.: -0.011 min
Response: 118138284
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

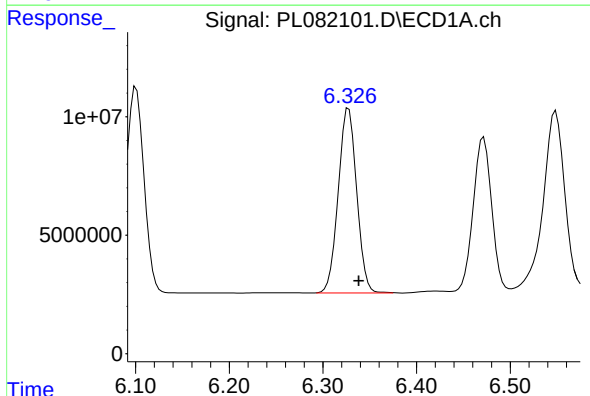
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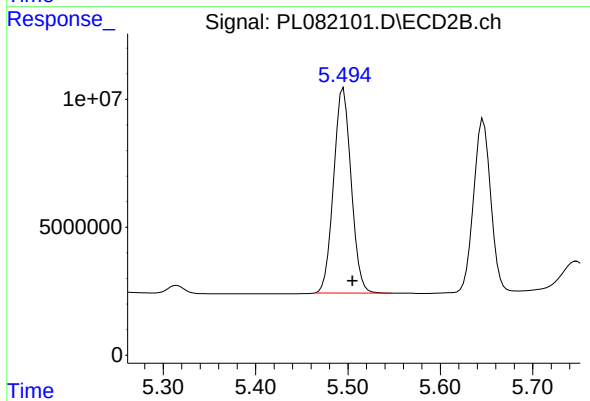
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.009 min
Response: 119738190
Conc: 53.23 ng/ml



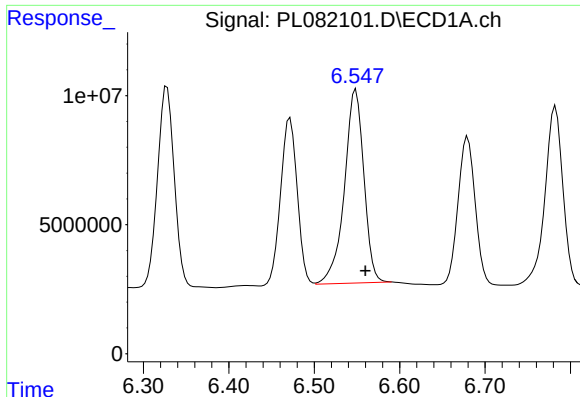
#14 Endrin

R.T.: 6.326 min
Delta R.T.: -0.012 min
Response: 106916232
Conc: 50.55 ng/ml m



#14 Endrin

R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 105725122
Conc: 52.24 ng/ml



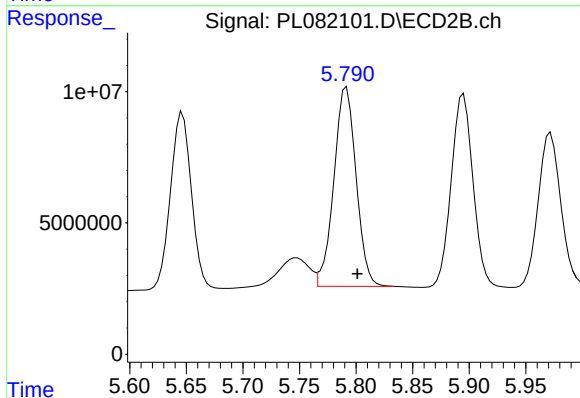
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 118619309
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

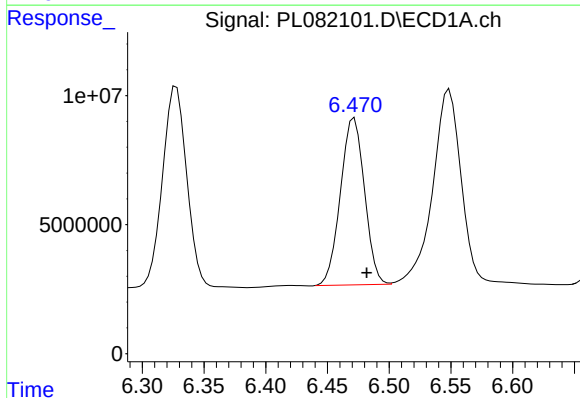
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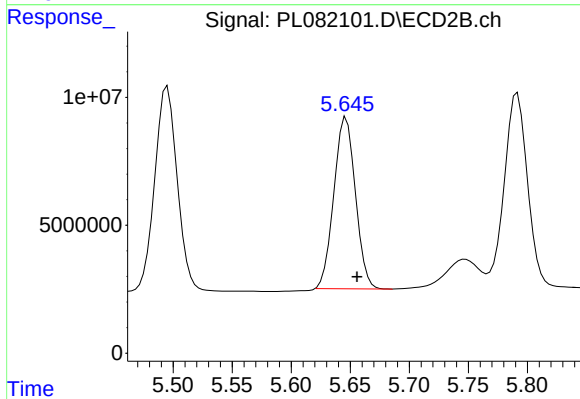
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 103510008
Conc: 57.06 ng/ml m



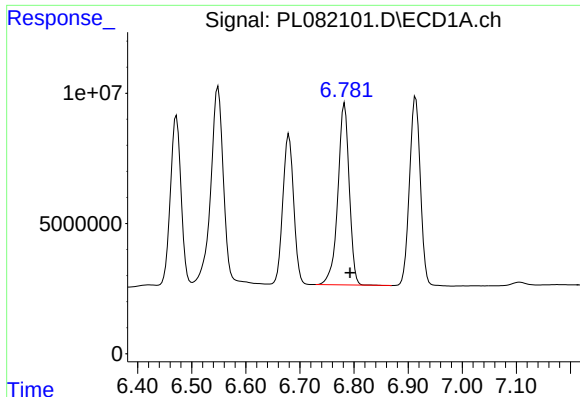
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 87691893
Conc: 48.62 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 85117831
Conc: 56.09 ng/ml



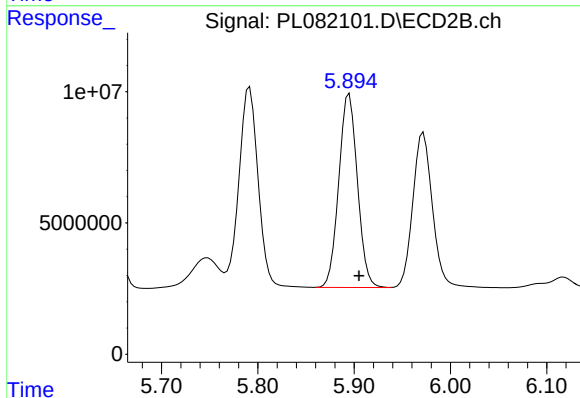
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.010 min
Response: 101796473
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

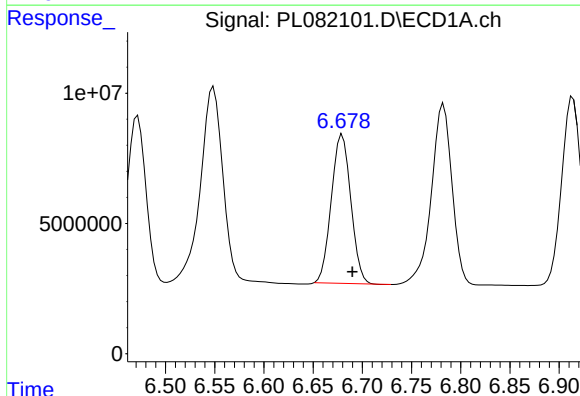
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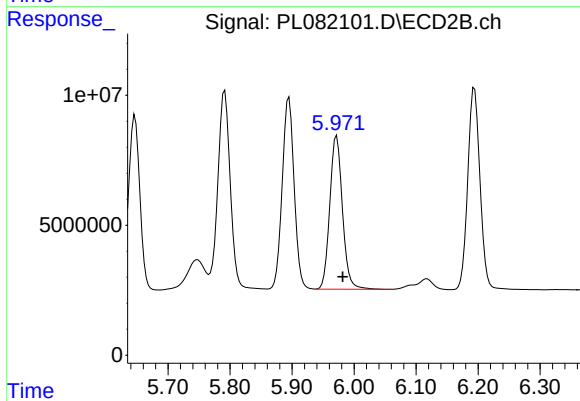
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 98779400
Conc: 57.32 ng/ml



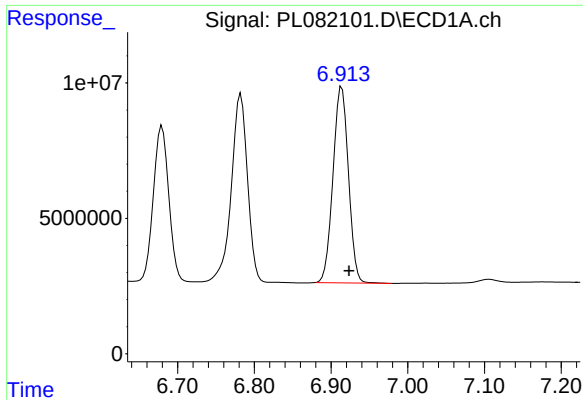
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 78906766
Conc: 48.23 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 83027453
Conc: 53.46 ng/ml



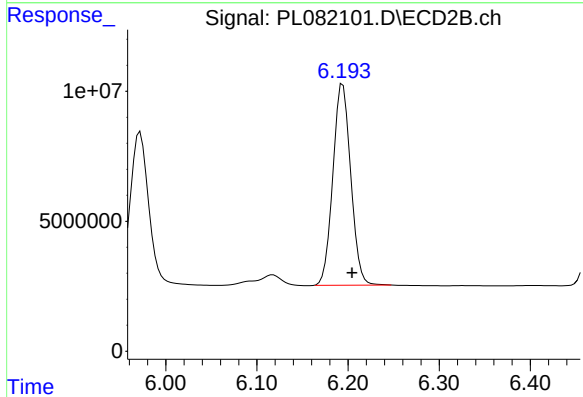
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: -0.010 min
Response: 101287525
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

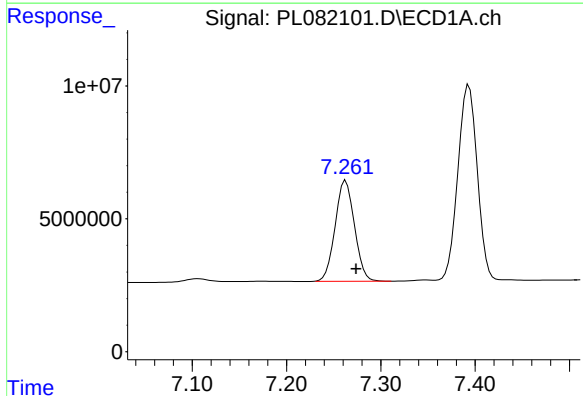
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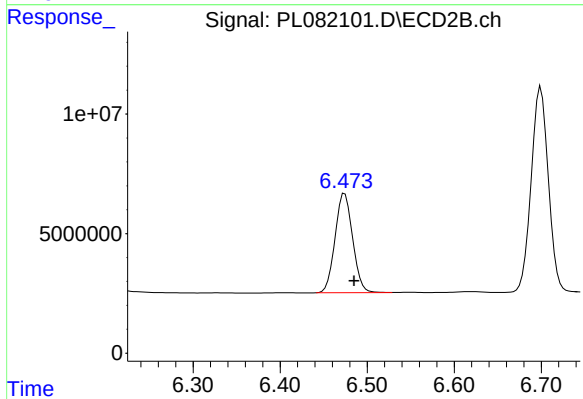
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.012 min
Response: 105633815
Conc: 54.29 ng/ml m



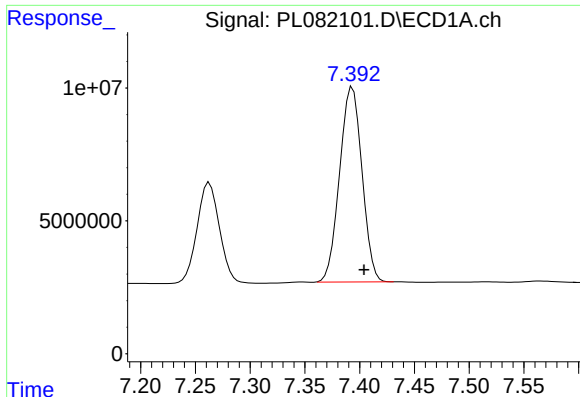
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 53927444
Conc: 50.08 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 58390042
Conc: 58.62 ng/ml m



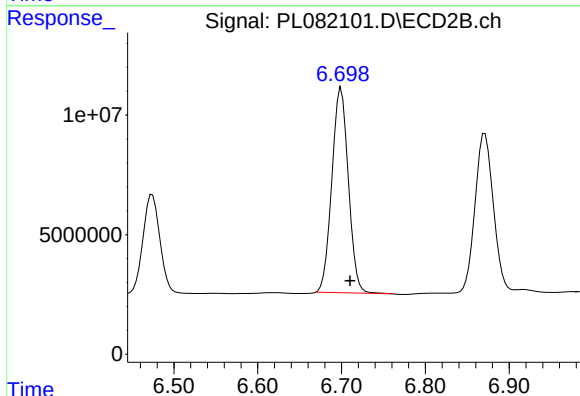
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 104311320
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

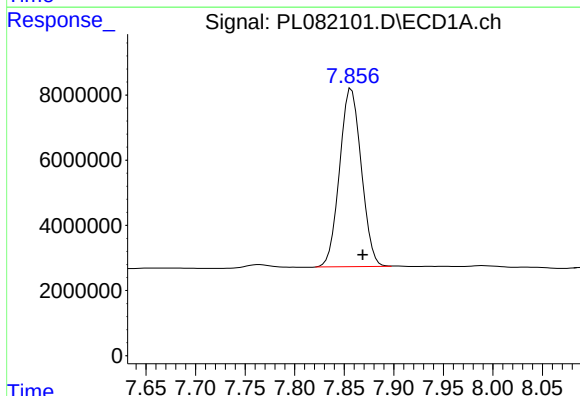
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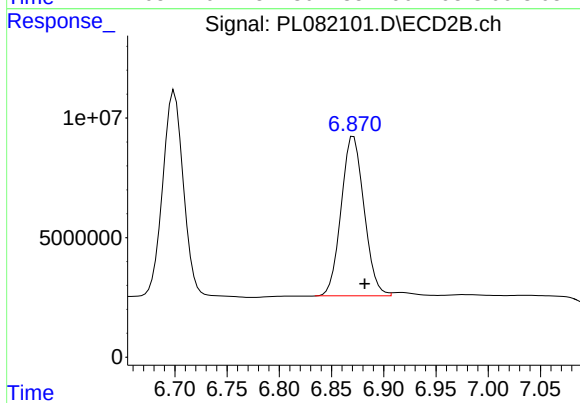
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 116980665
Conc: 54.74 ng/ml



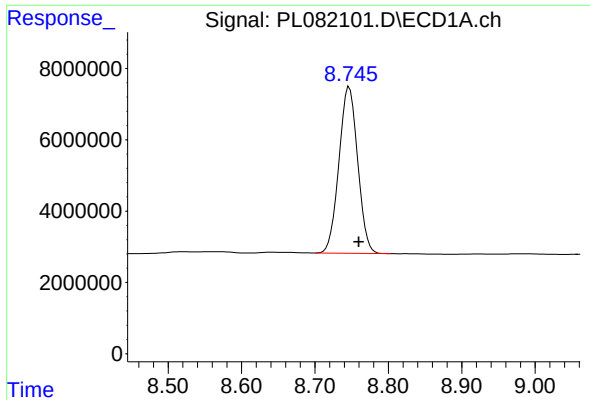
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.013 min
Response: 83397904
Conc: 48.68 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 101530321
Conc: 52.89 ng/ml m



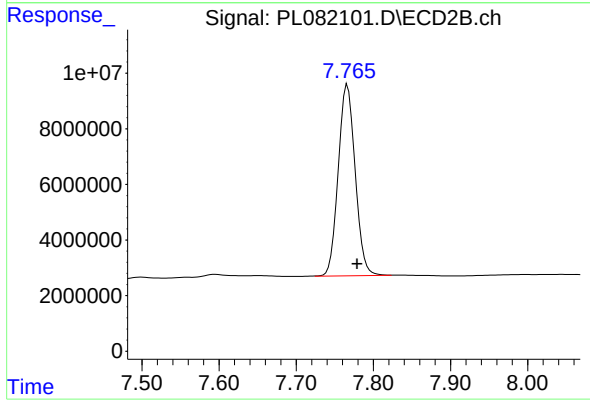
#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 82818770
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.014 min
Response: 104900477
Conc: 52.89 ng/ml m