

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032923\
 Data File : PL081776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2023 14:02
 Operator : AR\AJ
 Sample : PB151742BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151742BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/30/2023
 Supervised By : Ankita Jodhani 03/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 22:02:16 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...	3.328	2.657	47952410	41554311	20.617	20.817
28)	SA Decachlor...	8.750	7.775	39569175	47930303	22.110	24.168
Target Compounds							
2)	A alpha-BHC	3.778	3.156	163.1E6	137.5E6	47.580	47.161
3)	MA gamma-BHC...	4.106	3.483	148.0E6	130.7E6	46.590	46.939
4)	MA Heptachlor	4.685	3.816	140.8E6	136.2E6	44.664	47.507
5)	MB Aldrin	5.022	4.094	138.9E6	130.4E6	48.552	48.939
6)	B beta-BHC	4.308	3.782	65026212	52113149	43.204	43.756
7)	B delta-BHC	4.550	4.009	146.7E6	124.3E6	48.269	48.079
8)	B Heptachlo...	5.449	4.596	126.7E6	120.2E6	46.567	49.472
9)	A Endosulfan I	5.829	4.963	111.9E6	111.2E6	45.300	50.361
10)	B gamma-Chl...	5.703	4.845	124.1E6	121.4E6	47.271	49.952
11)	B alpha-Chl...	5.781	4.907	121.8E6	121.1E6	47.075	49.847
12)	B 4,4'-DDE	5.959	5.098	105.8E6	97179314	46.942	49.335
13)	MA Dieldrin	6.104	5.228	118.2E6	117.8E6	48.825	52.355
14)	MA Endrin	6.332	5.502	101.5E6	105.8E6	47.999	52.287
15)	B Endosulfa...	6.553	5.797	99463775	99481123	46.870	54.840m
16)	A 4,4'-DDD	6.474	5.653	80369607	78376596	44.563	51.647
17)	MA 4,4'-DDT	6.786	5.902	87137782	84231611	42.933	48.879
18)	B Endrin al...	6.682	5.979	82653345	83114121	50.518	53.519
19)	B Endosulfa...	6.917	6.201	99167320	99908093	47.584	51.348
20)	A Methoxychlor	7.266	6.481	48901528	49404534	45.410	49.601
21)	B Endrin ke...	7.396	6.706	101.1E6	111.2E6	48.257	52.028
22)	Mirex	7.861	6.879	79562053	98817939	46.439	51.475

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032923\
Data File : PL081776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2023 14:02
Operator : AR\AJ
Sample : PB151742BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151742BS

Manual Integrations

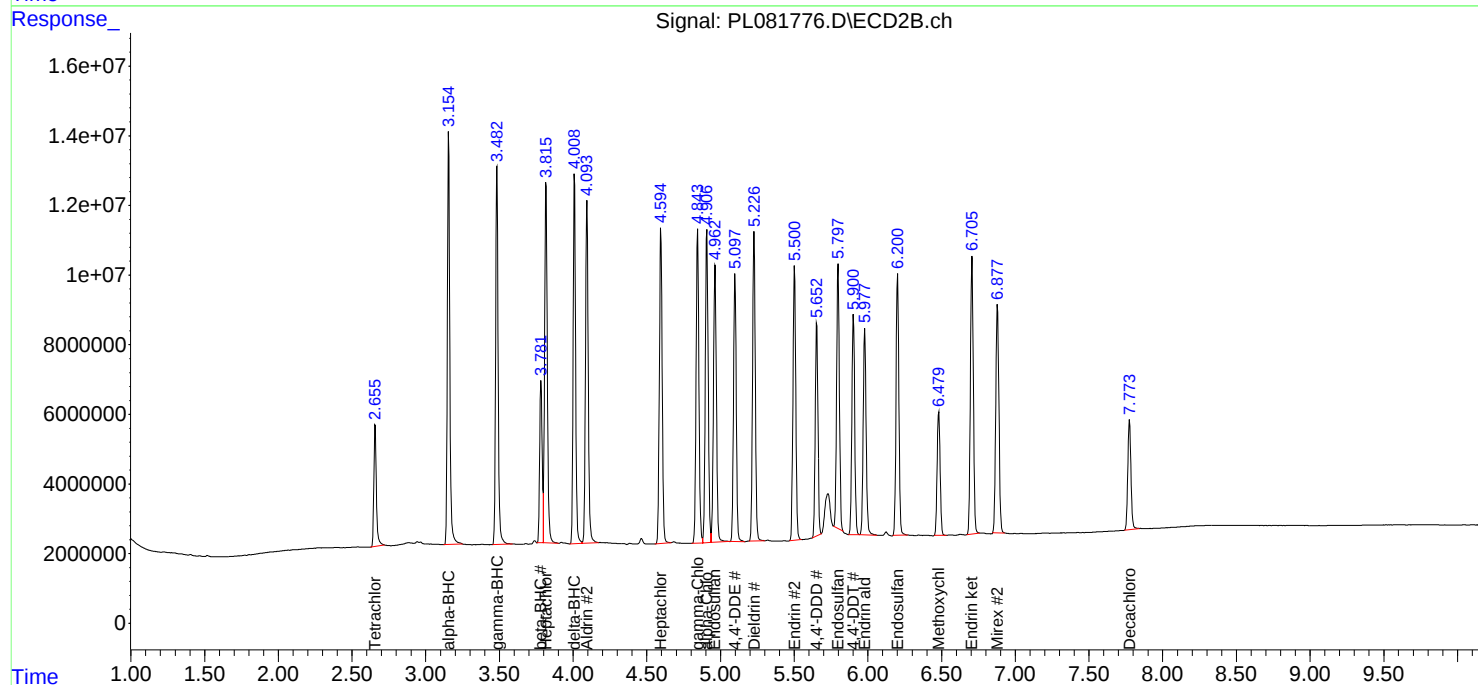
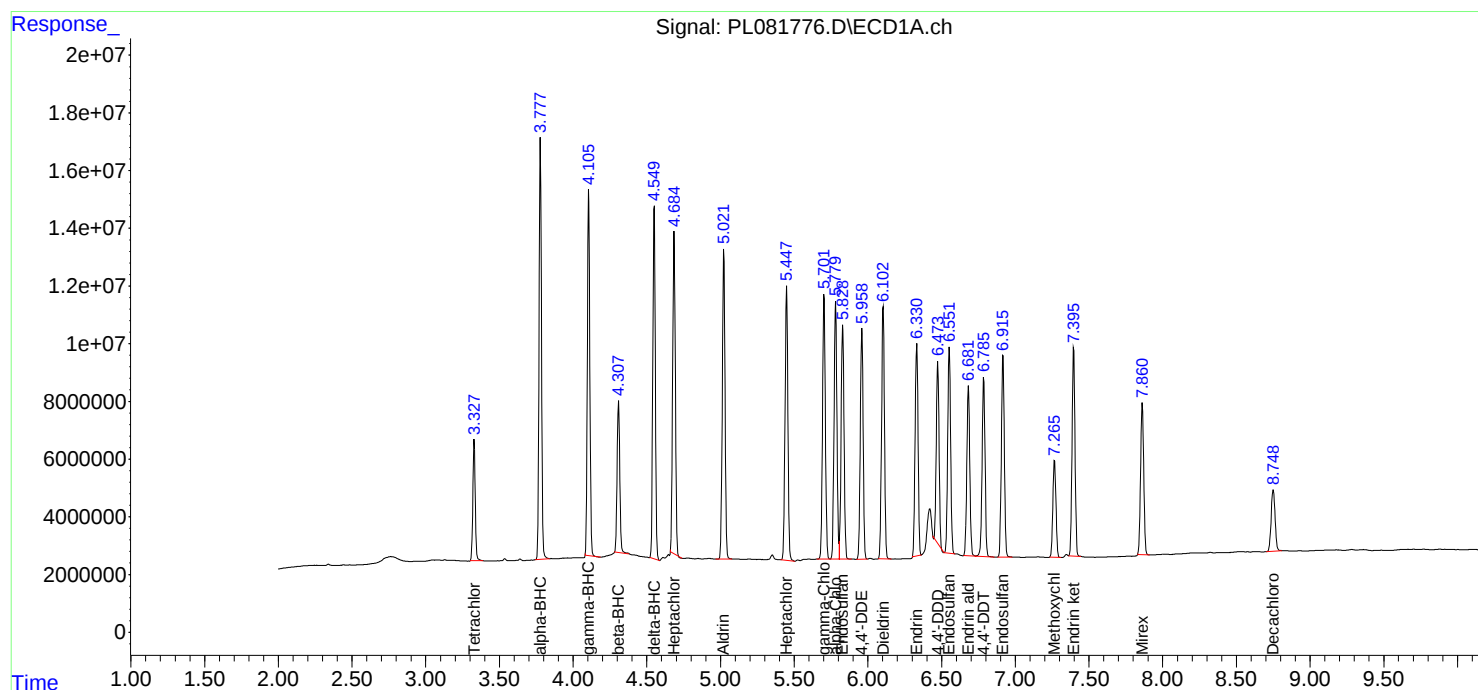
APPROVED

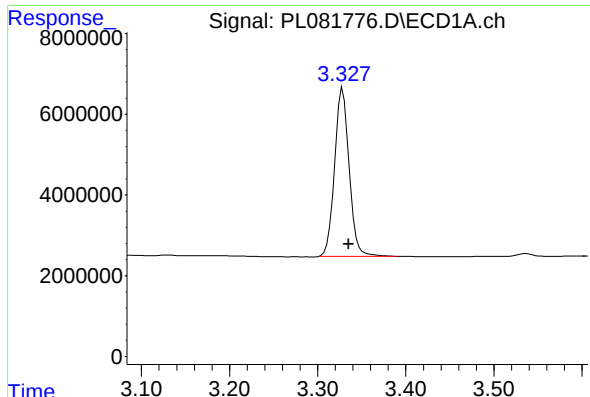
Reviewed By :Abdul Mirza 03/30/2023

Supervised By :Ankita Jodhani 03/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 22:02:16 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





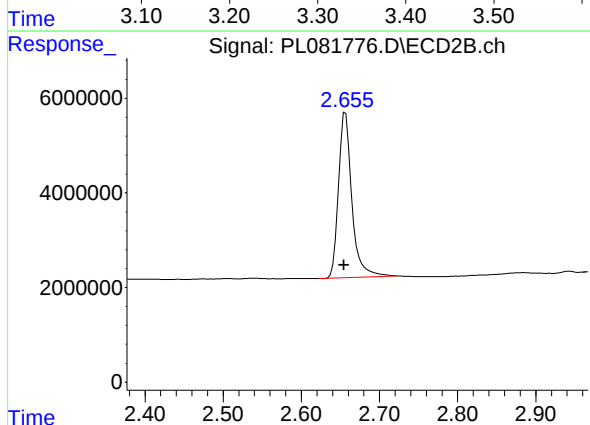
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 47952410
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

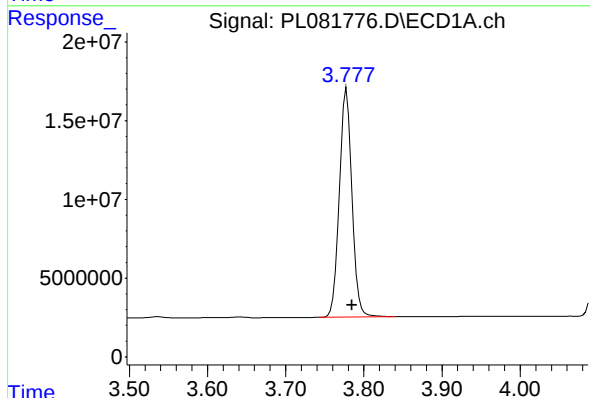
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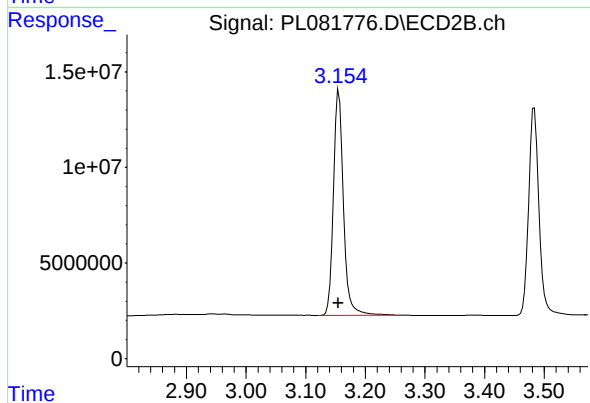
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.002 min
Response: 41554311
Conc: 20.82 ng/ml



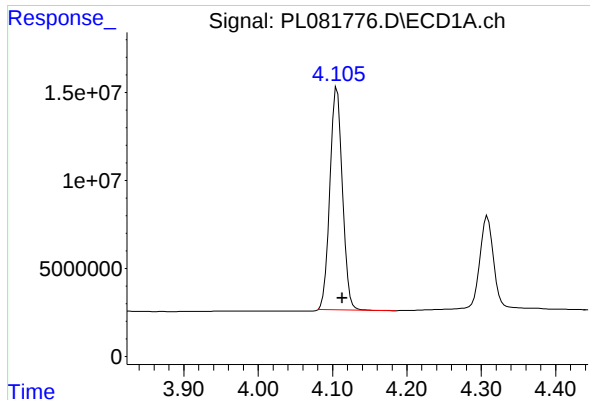
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 163120808
Conc: 47.58 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.000 min
Response: 137475128
Conc: 47.16 ng/ml



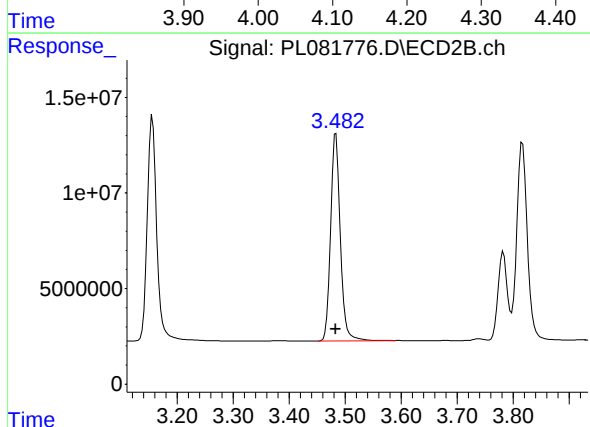
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 148008411
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

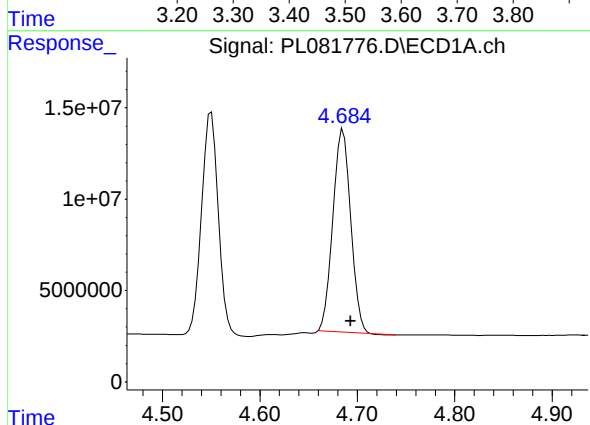
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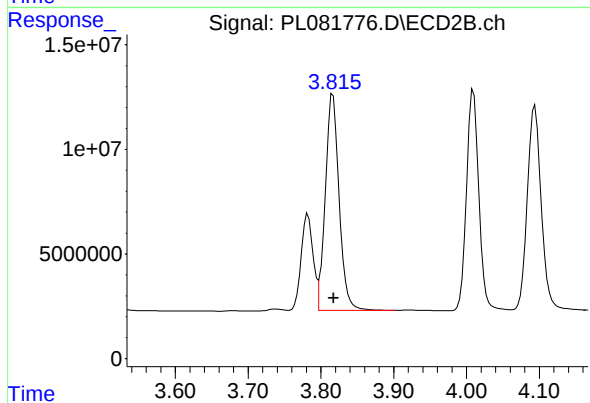
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 130688340
Conc: 46.94 ng/ml



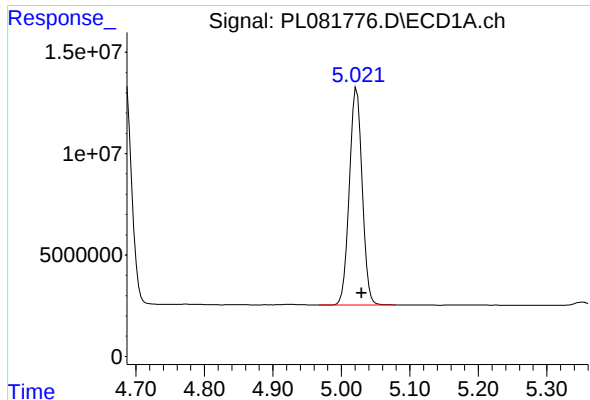
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 140787389
Conc: 44.66 ng/ml



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 136199981
Conc: 47.51 ng/ml



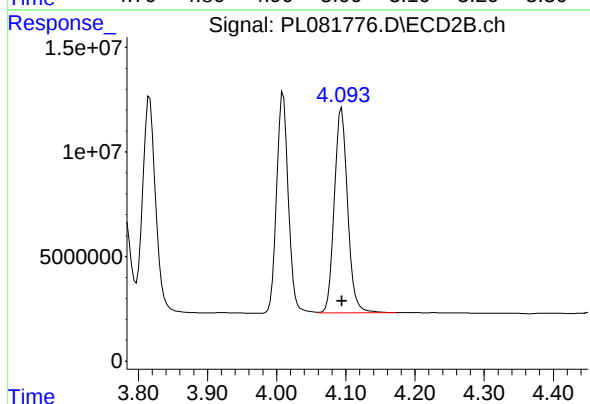
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.007 min
Response: 138873956
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

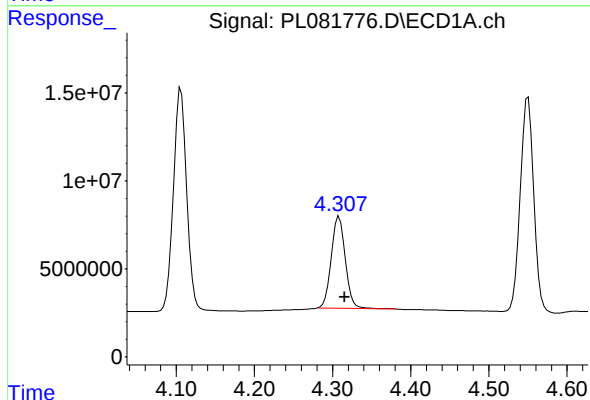
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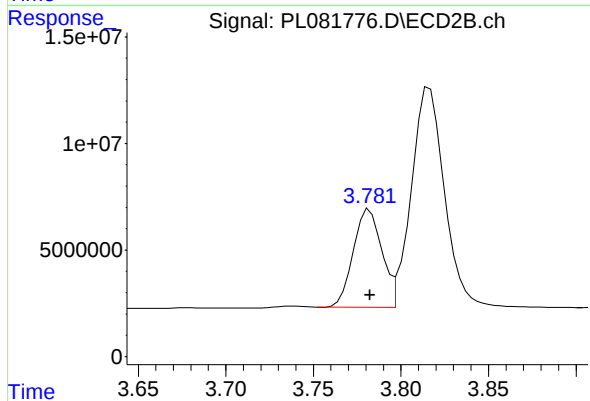
#5 Aldrin

R.T.: 4.094 min
Delta R.T.: 0.000 min
Response: 130397092
Conc: 48.94 ng/ml



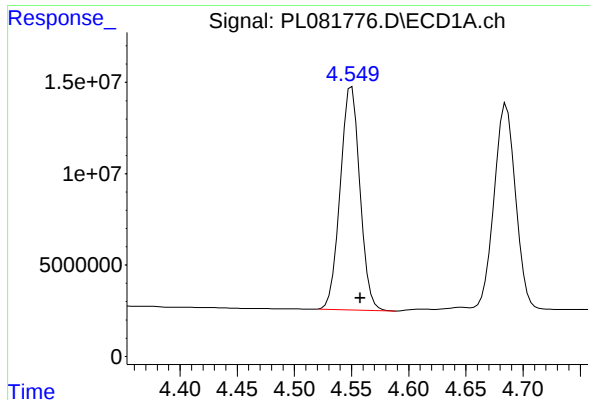
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 65026212
Conc: 43.20 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 52113149
Conc: 43.76 ng/ml



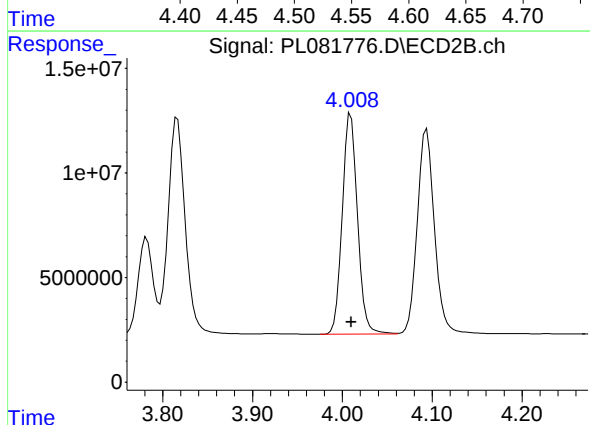
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 146698507
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

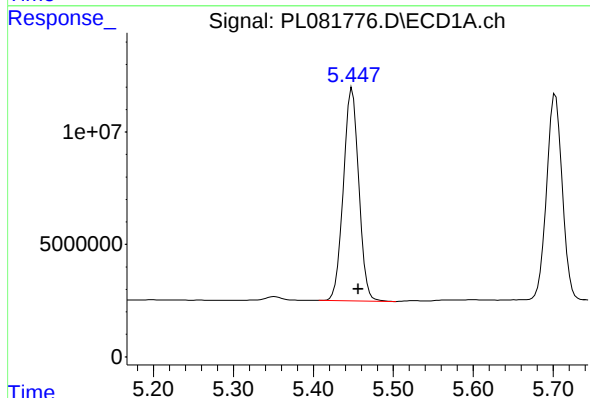
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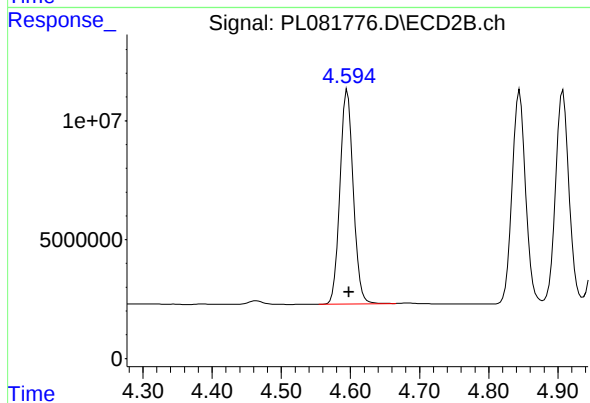
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 124336852
Conc: 48.08 ng/ml



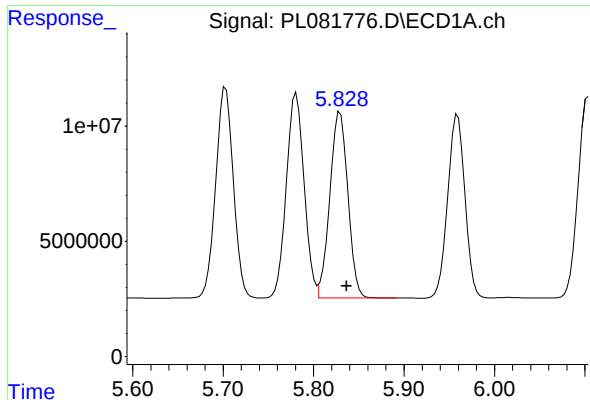
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.008 min
Response: 126663956
Conc: 46.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 120155365
Conc: 49.47 ng/ml



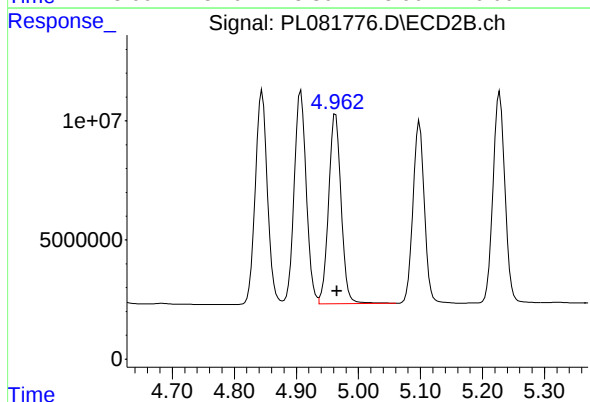
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 111927451
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

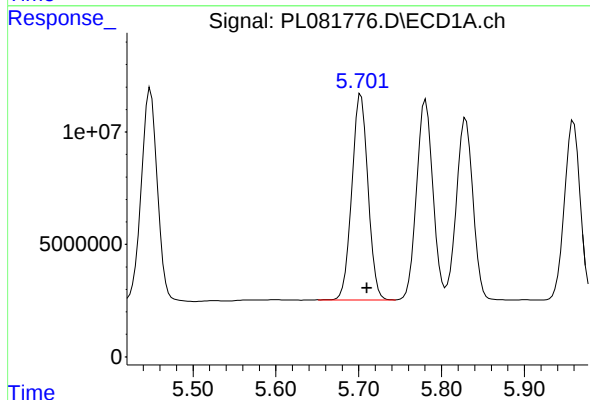
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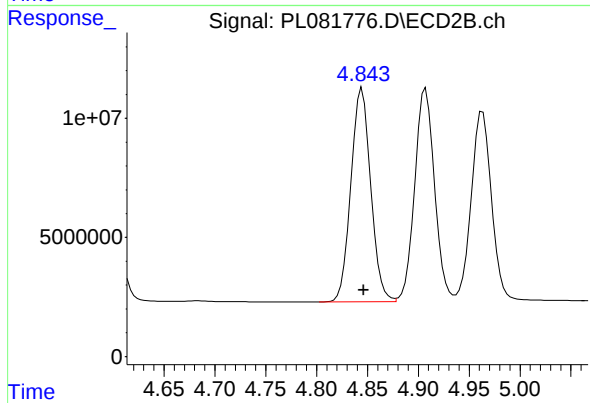
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.002 min
Response: 111183223
Conc: 50.36 ng/ml



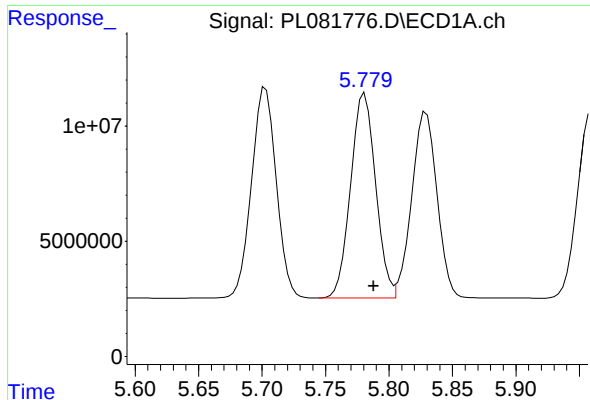
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.008 min
Response: 124097864
Conc: 47.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 121402886
Conc: 49.95 ng/ml



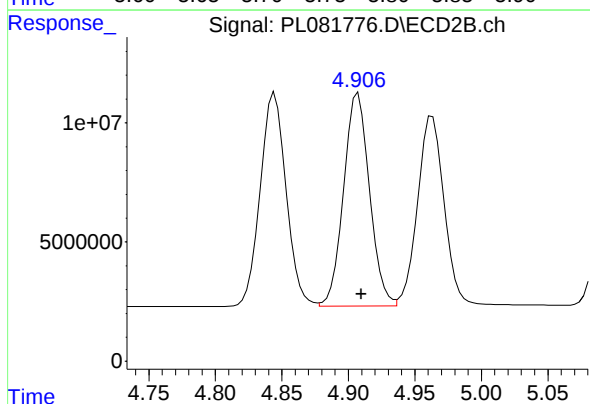
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 121849362
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

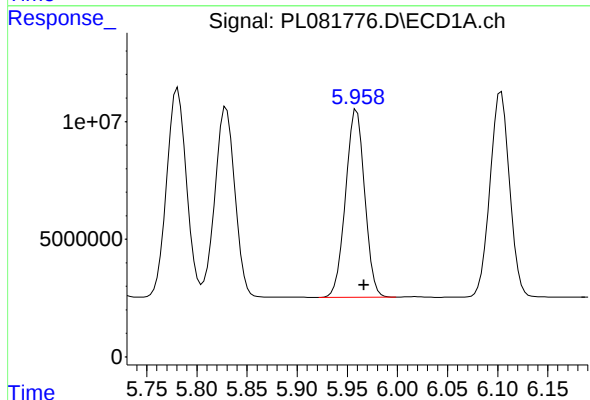
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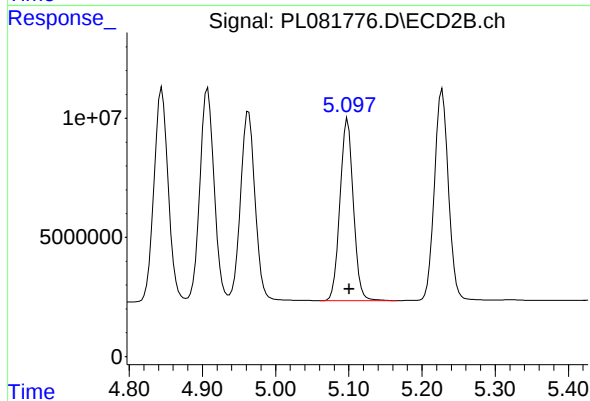
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 121075256
Conc: 49.85 ng/ml



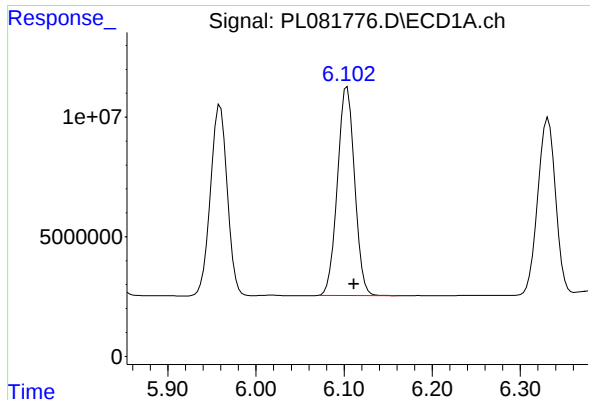
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 105791197
Conc: 46.94 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 97179314
Conc: 49.33 ng/ml



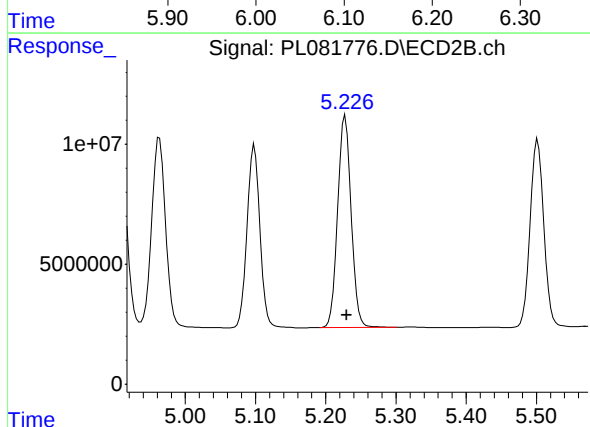
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.008 min
Response: 118203207
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

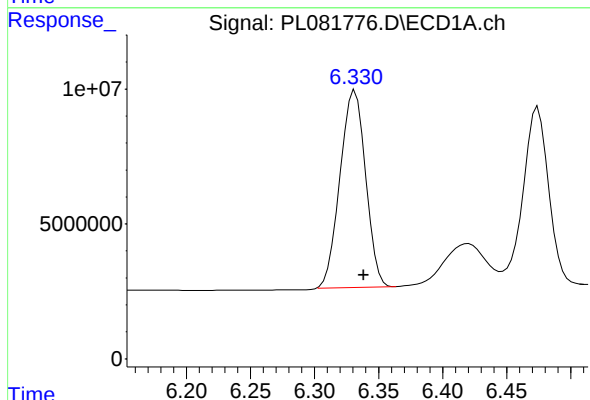
Manual Integrations
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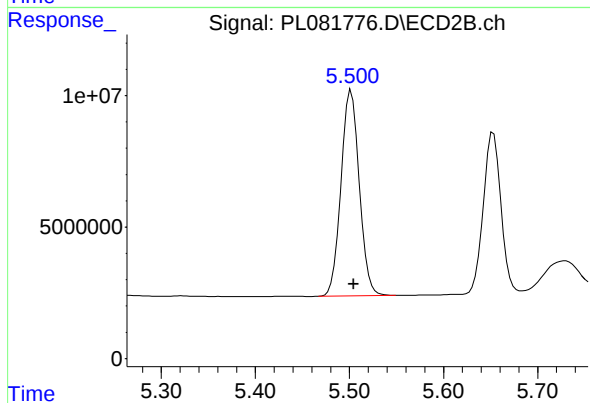
#13 Dieldrin

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 117767903
Conc: 52.35 ng/ml



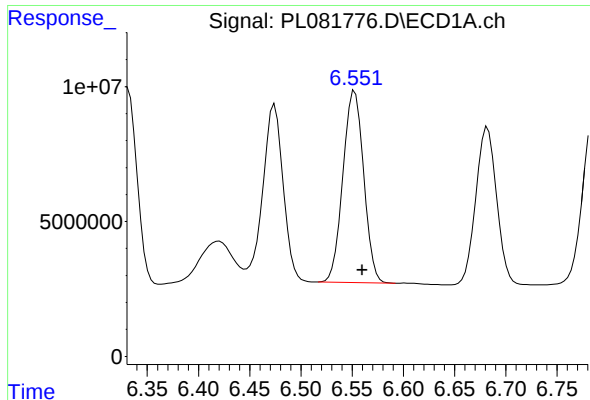
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 101529362
Conc: 48.00 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 105814693
Conc: 52.29 ng/ml



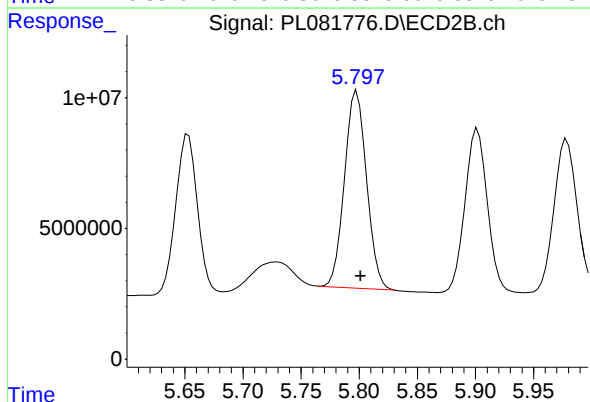
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 99463775
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

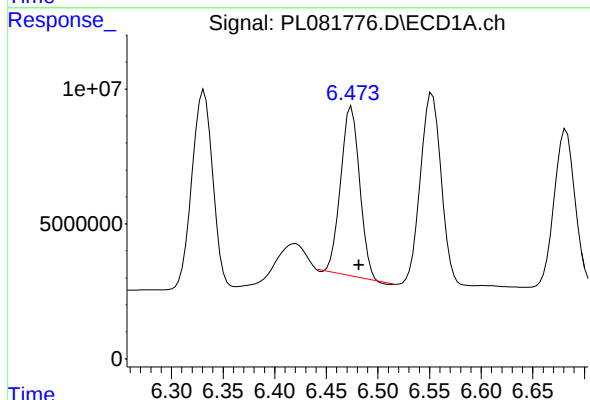
Manual Integrations
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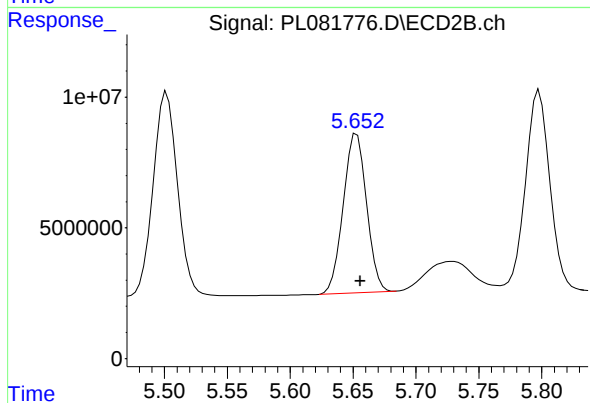
#15 Endosulfan II

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 99481123
Conc: 54.84 ng/ml



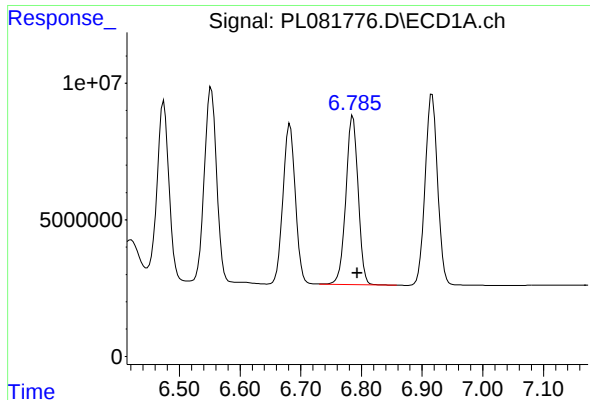
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 80369607
Conc: 44.56 ng/ml



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 78376596
Conc: 51.65 ng/ml



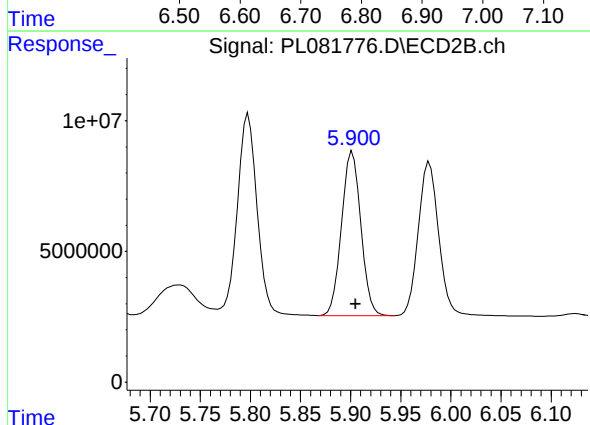
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 87137782
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

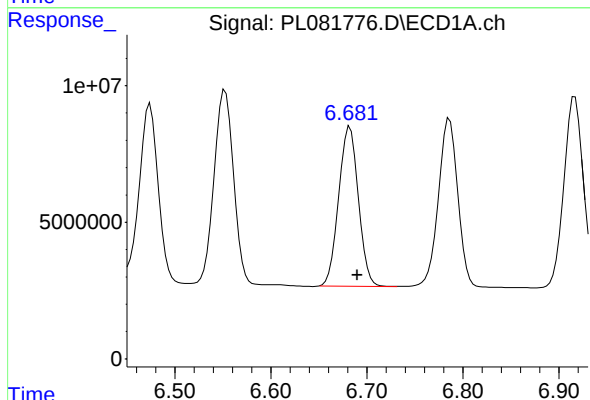
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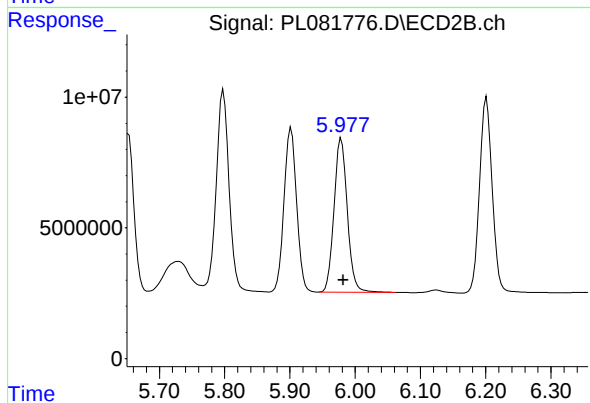
#17 4,4'-DDT

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 84231611
Conc: 48.88 ng/ml



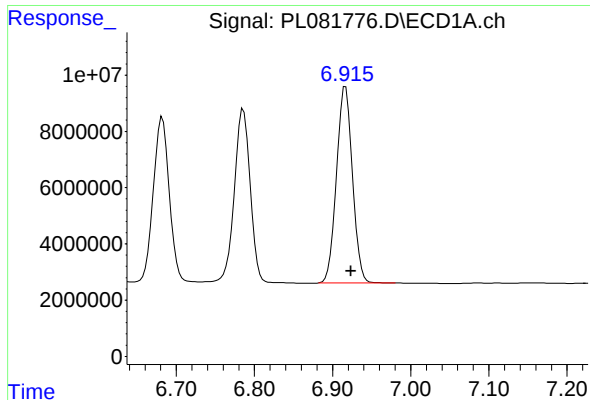
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 82653345
Conc: 50.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 83114121
Conc: 53.52 ng/ml



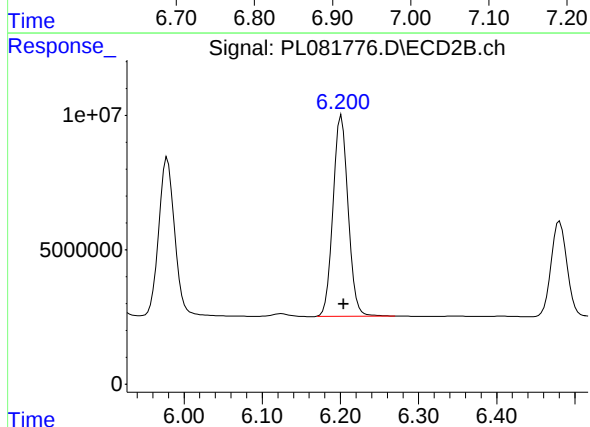
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 99167320
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

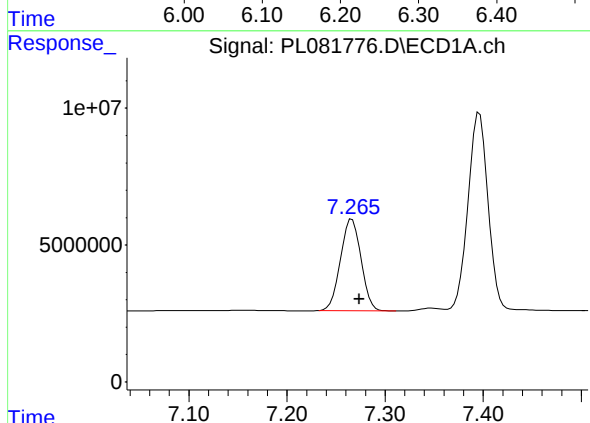
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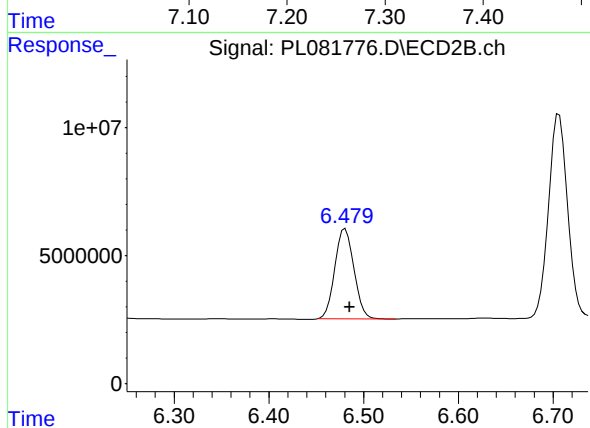
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 99908093
Conc: 51.35 ng/ml



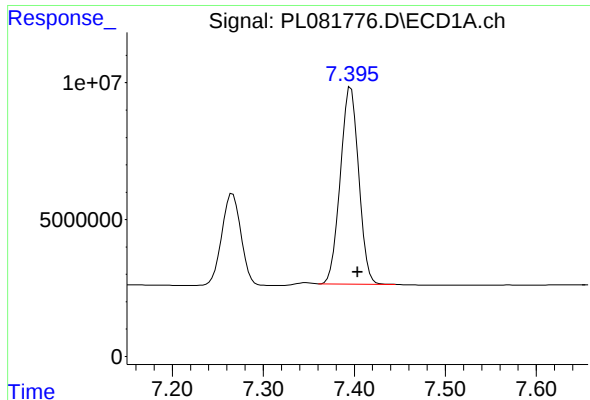
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 48901528
Conc: 45.41 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 49404534
Conc: 49.60 ng/ml



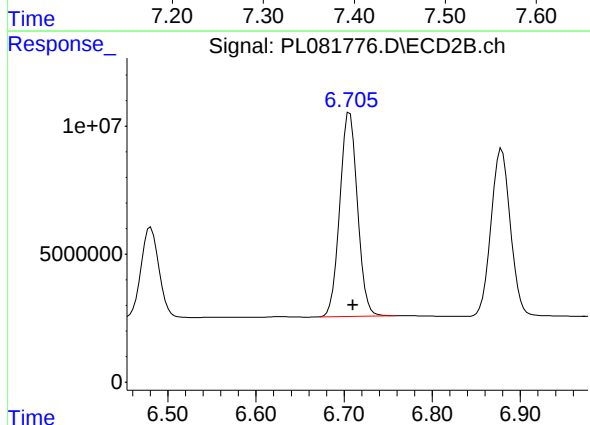
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 101082461
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

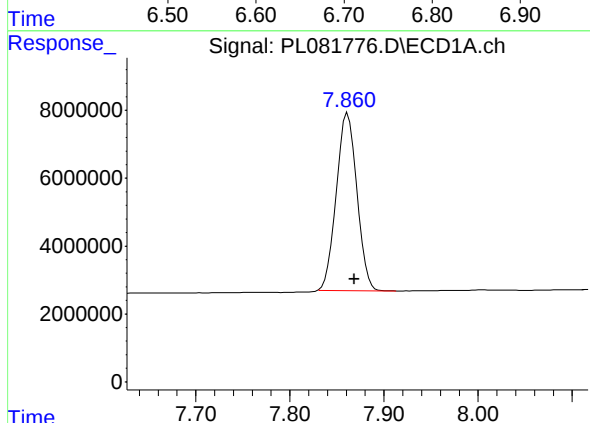
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/30/2023
Supervised By :Ankita Jodhani 03/30/2023



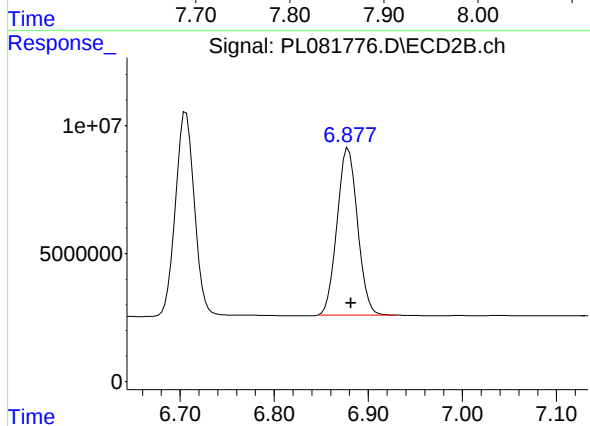
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 111184182
Conc: 52.03 ng/ml



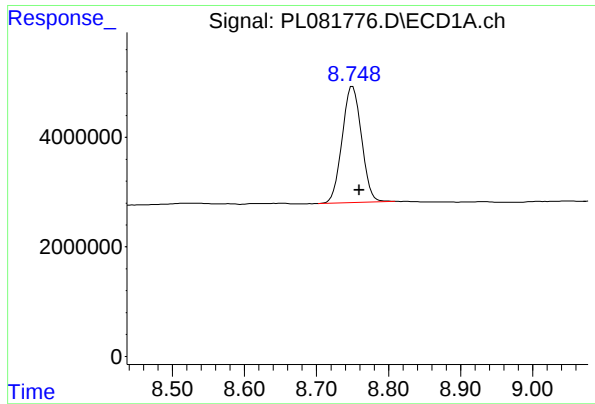
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 79562053
Conc: 46.44 ng/ml



#22 Mirex

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 98817939
Conc: 51.47 ng/ml



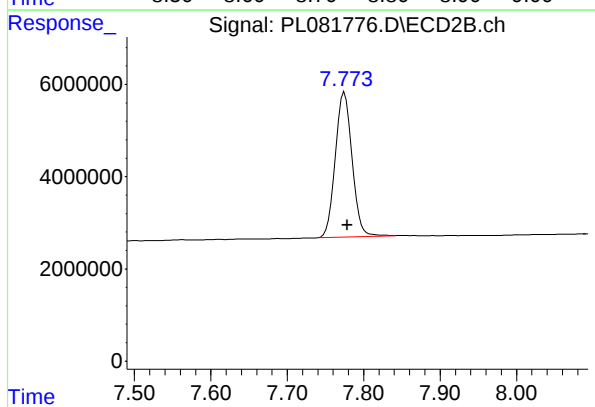
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 39569175
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151742BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: -0.004 min
Response: 47930303
Conc: 24.17 ng/ml