

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
 Data File : PL083020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 18:20
 Operator : AR\AJ
 Sample : PB153063BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153063BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 21:37:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.636	67644968	59461469	23.016	22.904
28) SA Decachlor...	8.731	7.740	61151801	72947401	29.157	29.337
Target Compounds						
2) A alpha-BHC	3.765	3.132	52181836	43730503	11.755	11.719
3) MA gamma-BHC...	4.092	3.458	49773497	40767610	12.014	12.230
4) MA Heptachlor	4.670	3.789	49183873	42870992	12.867	11.710
5) MB Aldrin	5.006	4.065	47462507	39200899	13.491	12.048
6) B beta-BHC	4.297	3.759	24432490	19391031	12.977	13.559
7) B delta-BHC	4.537	3.984	49983472	38613231	14.535	11.785
8) B Heptachlo...	5.432	4.566	44066110	38178033	13.776	12.864
9) A Endosulfan I	5.813	4.933	40693422	35402324	13.562	12.669
10) B gamma-Chl...	5.686	4.815	44895520	39128490	14.132	13.028
11) B alpha-Chl...	5.765	4.877	43707248	38419265	13.619	12.798
12) B 4,4'-DDE	5.943	5.066	36332672	29750564	13.181	12.249m
13) MA Dieldrin	6.087	5.197	39359871	35027989	13.086	12.408
14) MA Endrin	6.314	5.471	33014245	30413534	12.286	11.988
15) B Endosulfa...	6.537	5.768	34763859	31103434	9.709	12.571 #
16) A 4,4'-DDD	6.459	5.622	30152068	26081688	13.875	13.561
17) MA 4,4'-DDT	6.770	5.870	30273853	25946488	12.094	11.630
18) B Endrin al...	6.667	5.948	28523094	27424685	14.186	13.869
19) B Endosulfa...	6.901	6.170	35258650	32466165	13.753	13.257
20) A Methoxychlor	7.251	6.449	17014634	16222539	12.867	12.756
21) B Endrin ke...	7.380	6.674	35901824	37060908	14.075	13.707
22) Mirex	7.845	6.845	36180500	38952731	17.261	16.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1052523\
Data File : PL083020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 18:20
Operator : AR\AJ
Sample : PB153063BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

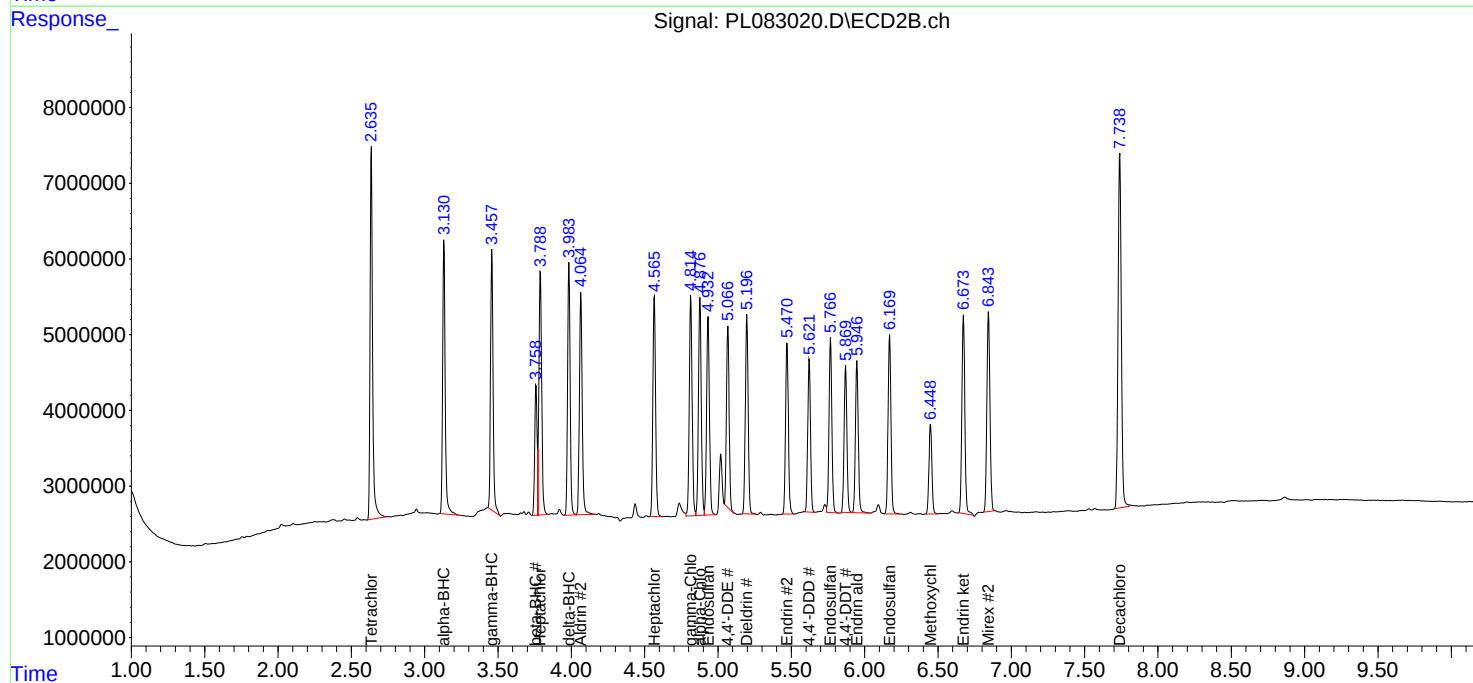
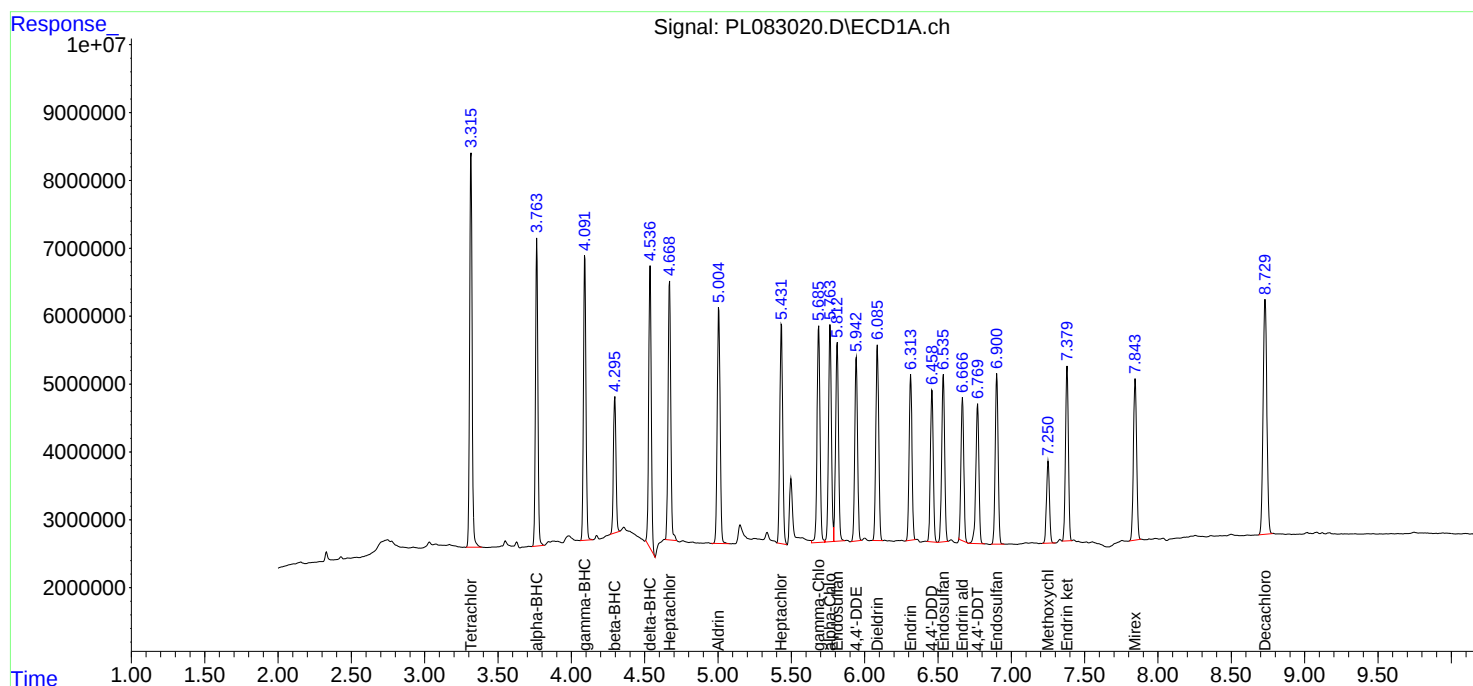
Instrument :
ECD_L
ClientSampleId :
PB153063BS

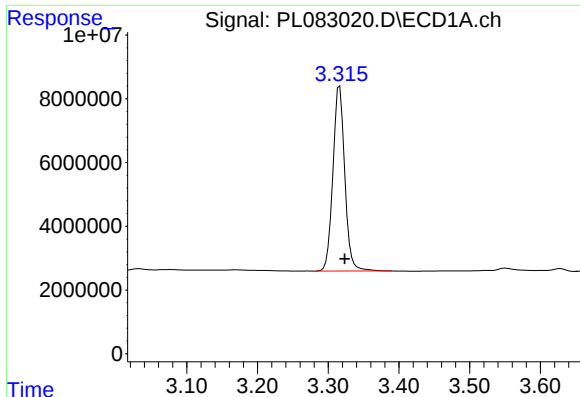
Manual Integrations
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Reviewed By : Abdul Mirza 05/26/2023
Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:37:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





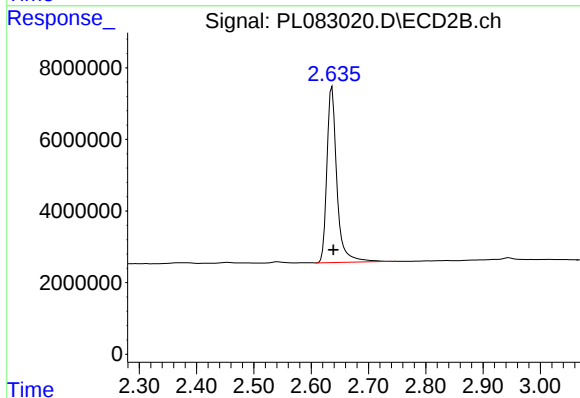
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 67644968
Conc: 23.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

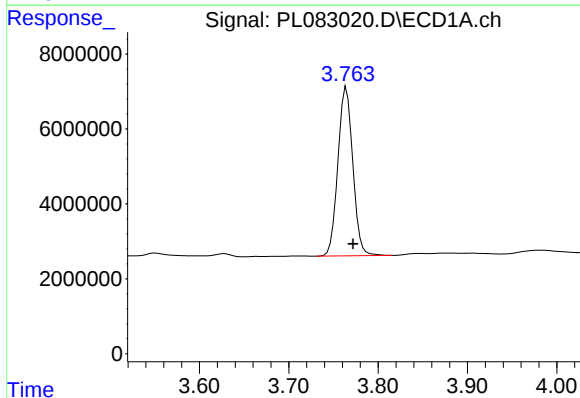
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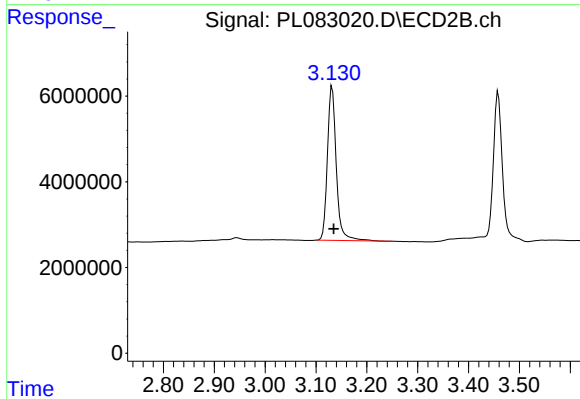
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 59461469
Conc: 22.90 ng/ml



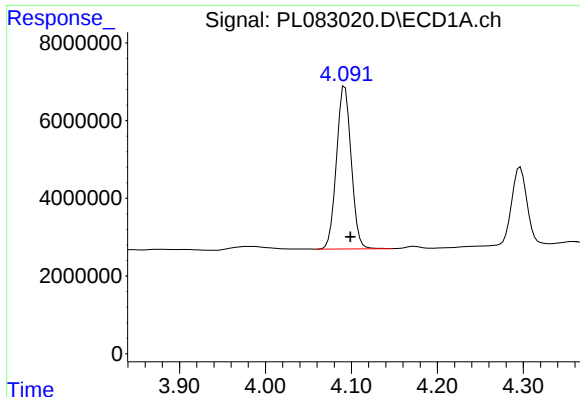
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 52181836
Conc: 11.75 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 43730503
Conc: 11.72 ng/ml



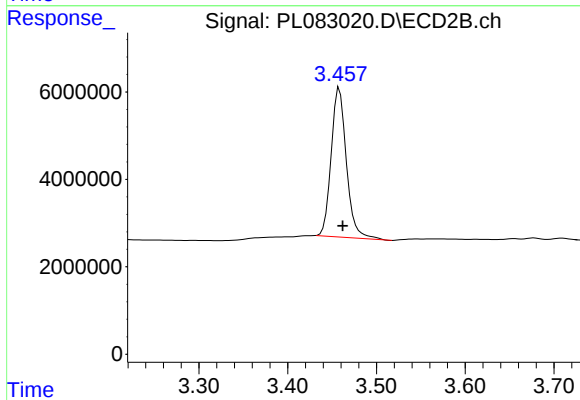
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 49773497
Conc: 12.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

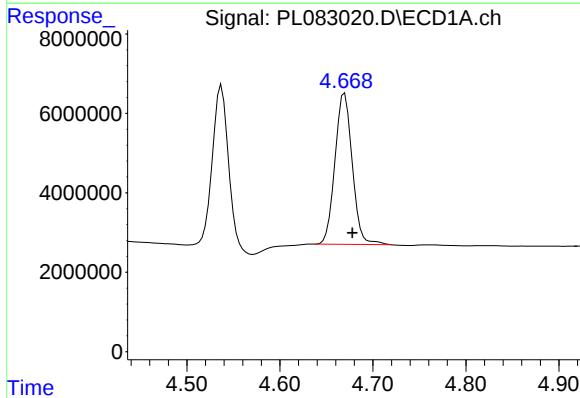
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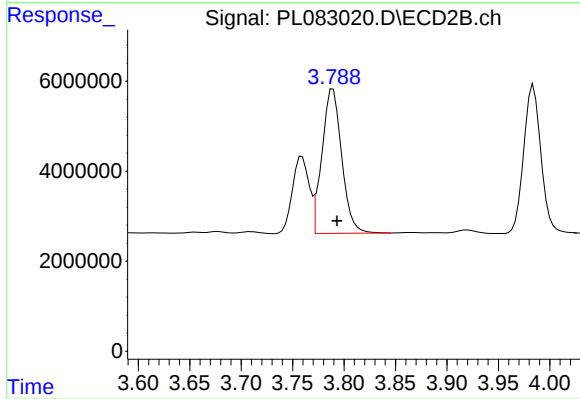
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 40767610
Conc: 12.23 ng/ml



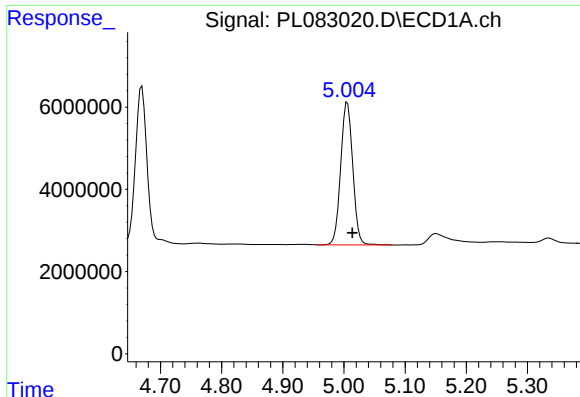
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 49183873
Conc: 12.87 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 42870992
Conc: 11.71 ng/ml



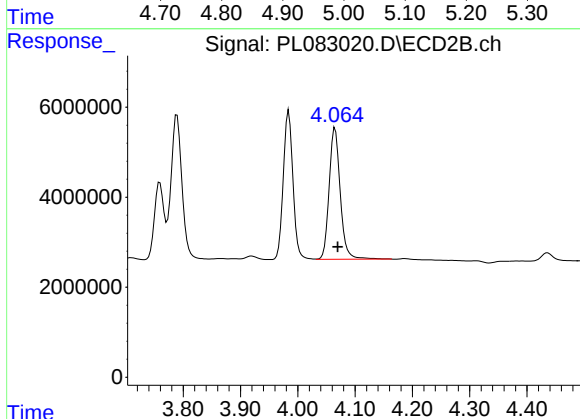
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 47462507
Conc: 13.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

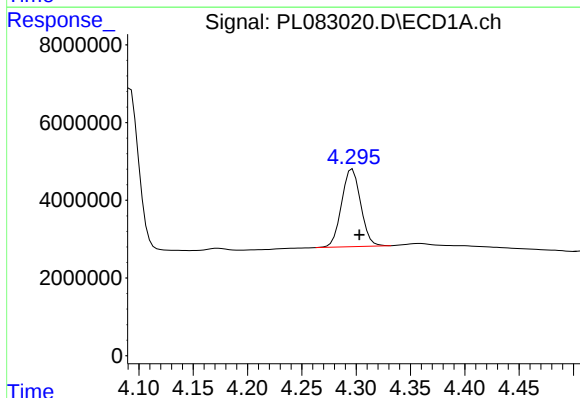
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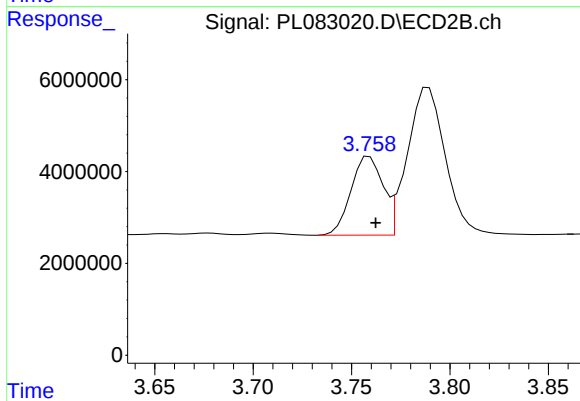
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: -0.005 min
Response: 39200899
Conc: 12.05 ng/ml



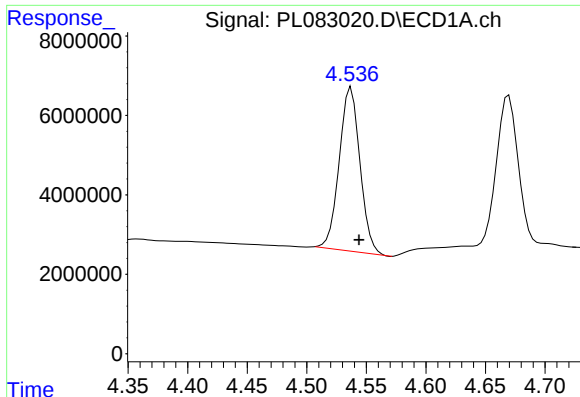
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 24432490
Conc: 12.98 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 19391031
Conc: 13.56 ng/ml



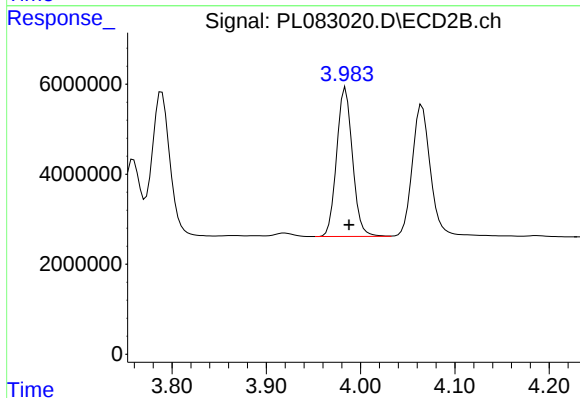
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 49983472
Conc: 14.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

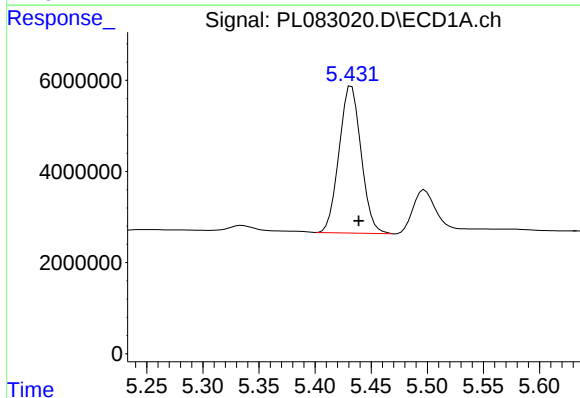
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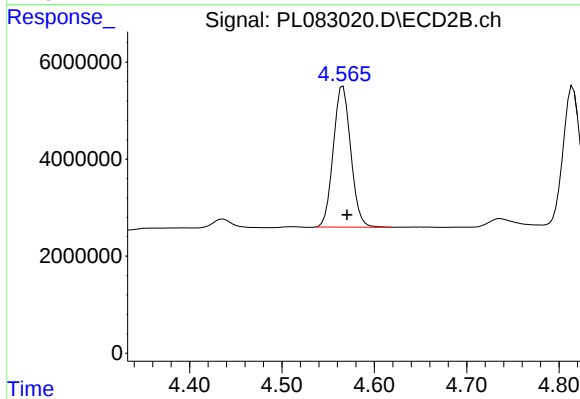
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 38613231
Conc: 11.79 ng/ml



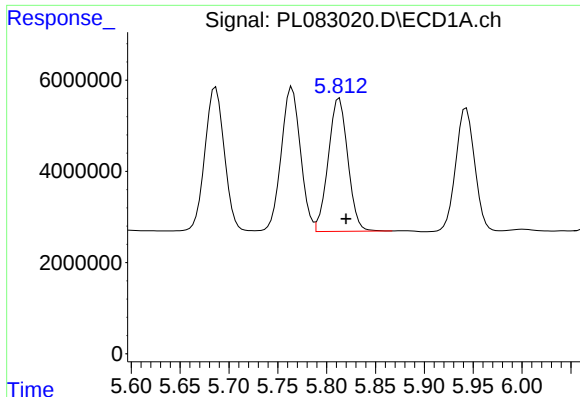
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 44066110
Conc: 13.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 38178033
Conc: 12.86 ng/ml



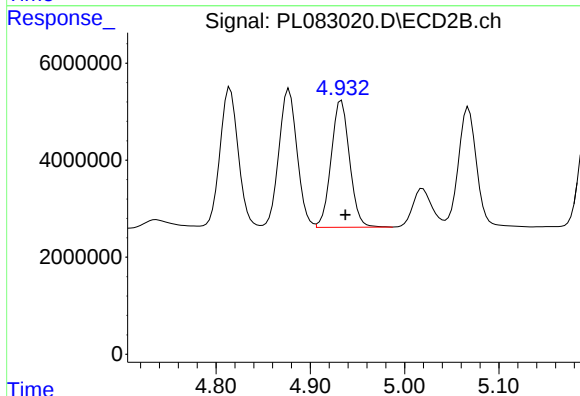
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 40693422
Conc: 13.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

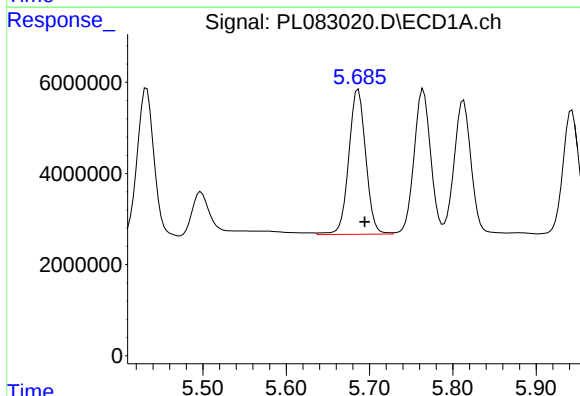
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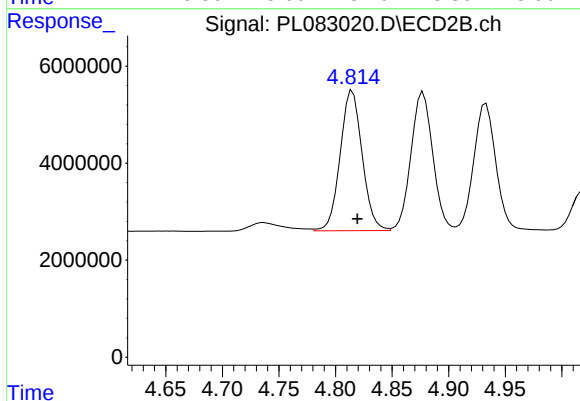
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 35402324
Conc: 12.67 ng/ml



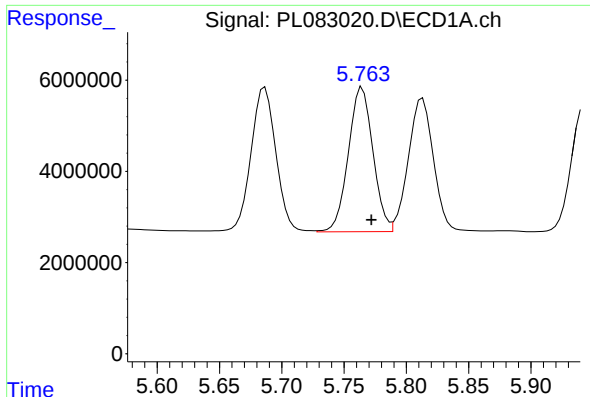
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 44895520
Conc: 14.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 39128490
Conc: 13.03 ng/ml



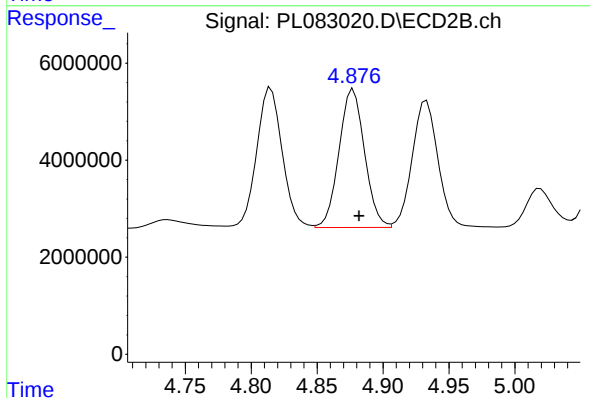
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 43707248
Conc: 13.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

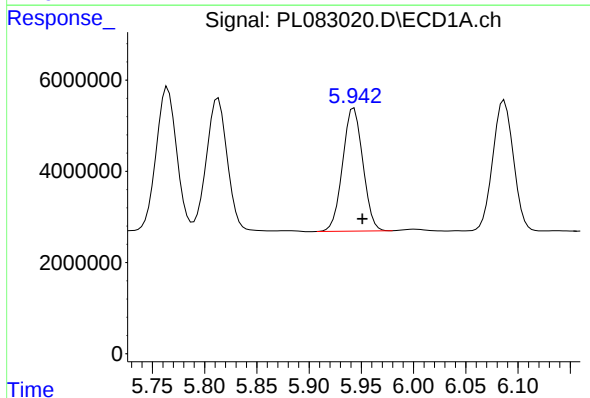
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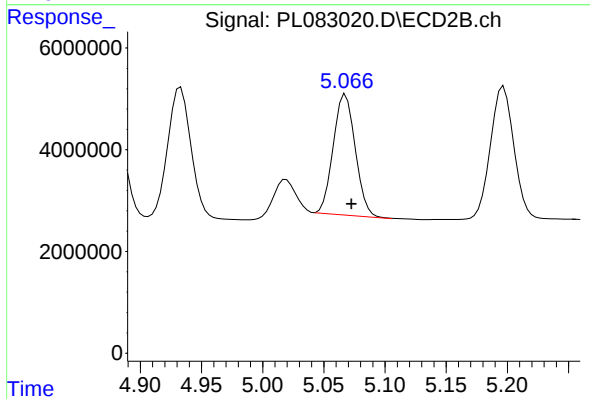
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 38419265
Conc: 12.80 ng/ml



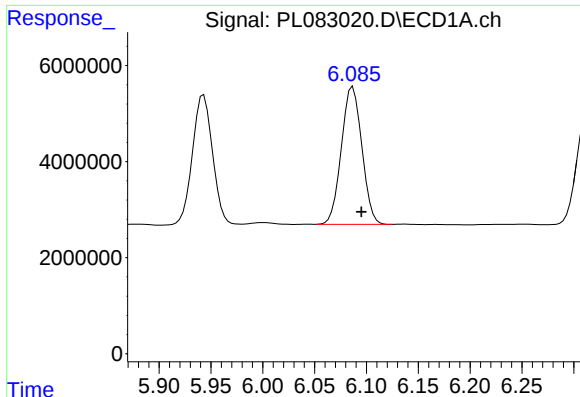
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 36332672
Conc: 13.18 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 29750564
Conc: 12.25 ng/ml m



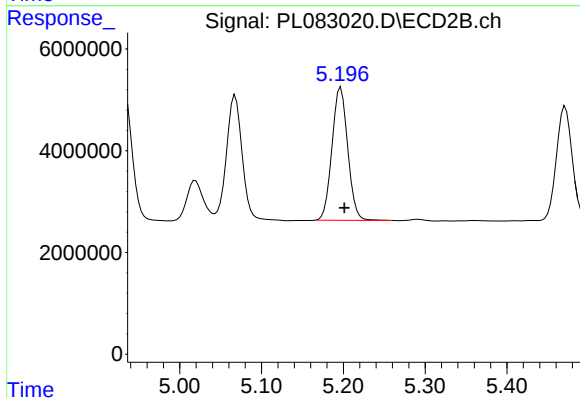
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 39359871
Conc: 13.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

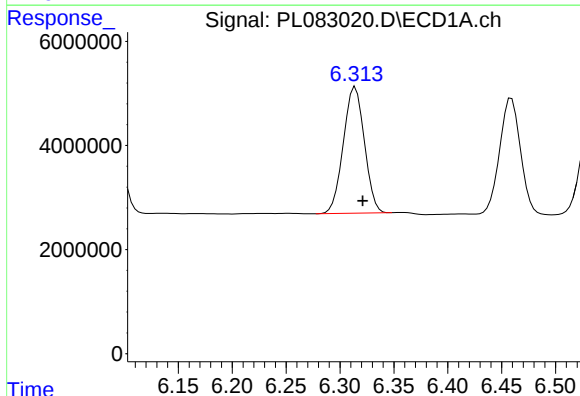
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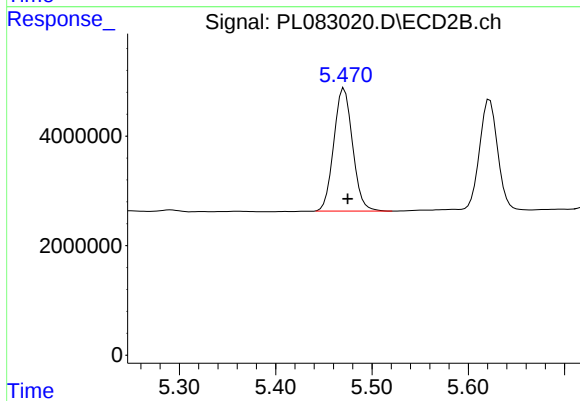
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 35027989
Conc: 12.41 ng/ml



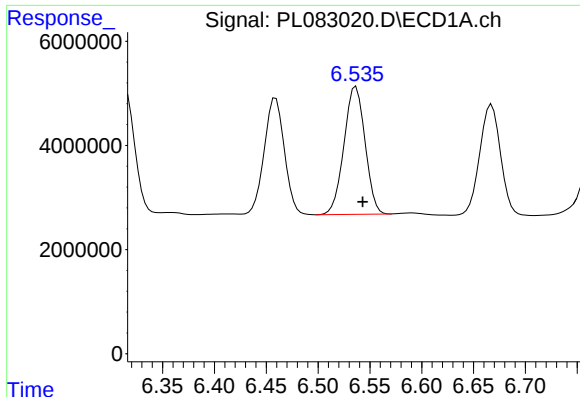
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 33014245
Conc: 12.29 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 30413534
Conc: 11.99 ng/ml



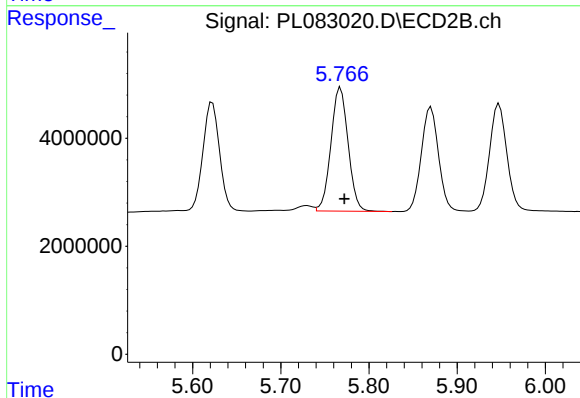
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 34763859
Conc: 9.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

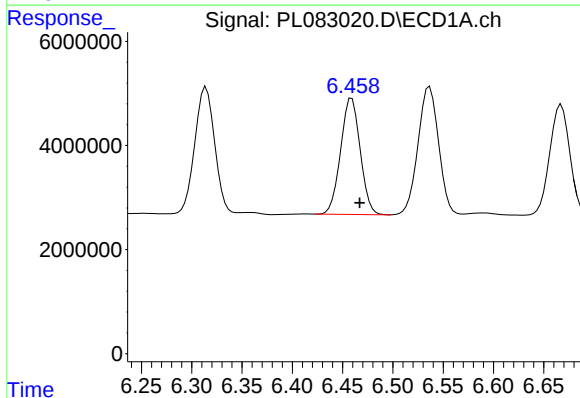
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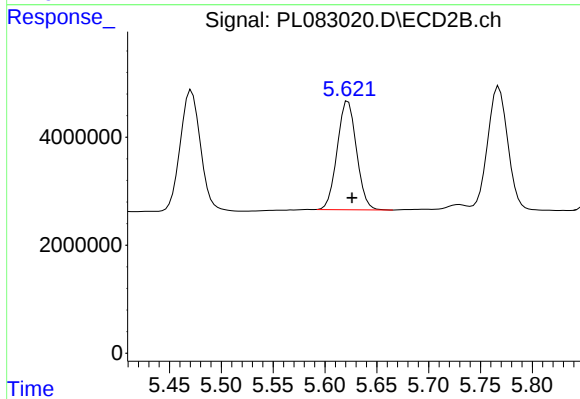
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 31103434
Conc: 12.57 ng/ml



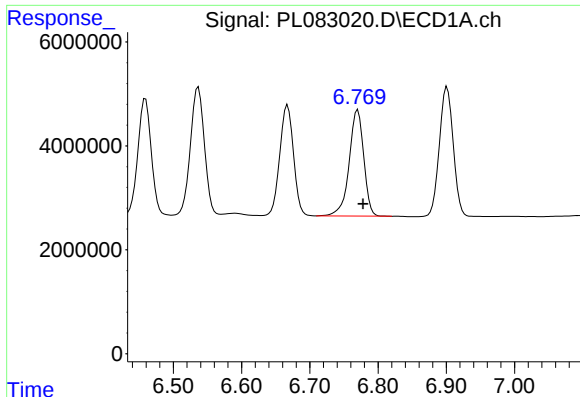
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 30152068
Conc: 13.88 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 26081688
Conc: 13.56 ng/ml



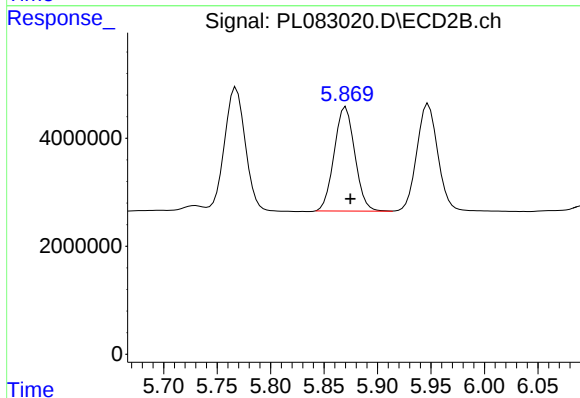
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 30273853
Conc: 12.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

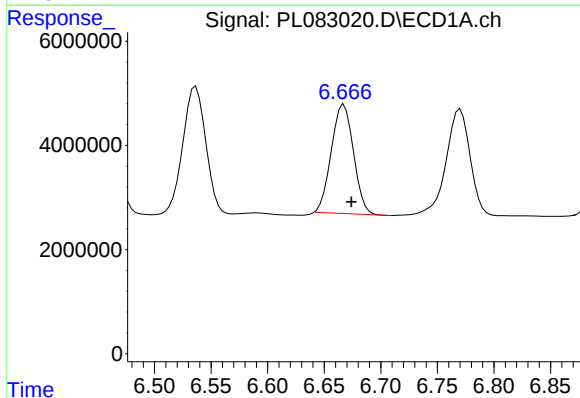
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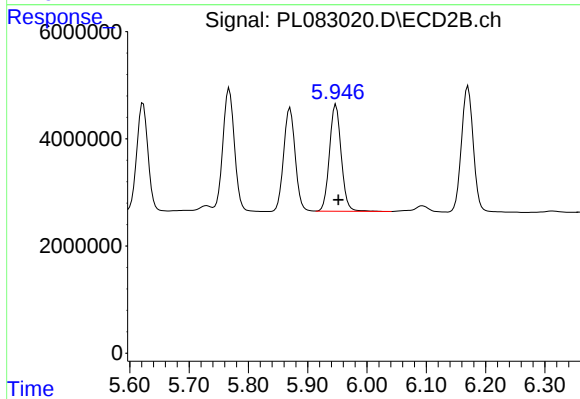
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 25946488
Conc: 11.63 ng/ml



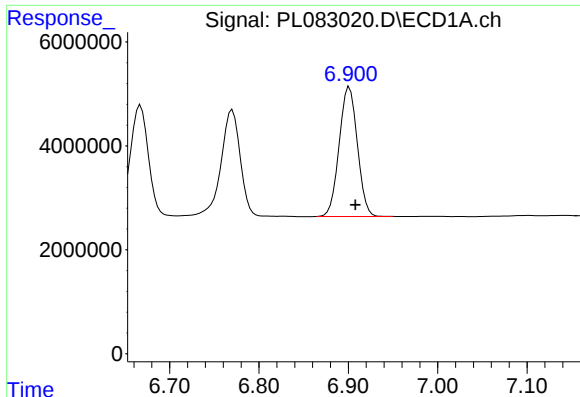
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 28523094
Conc: 14.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 27424685
Conc: 13.87 ng/ml



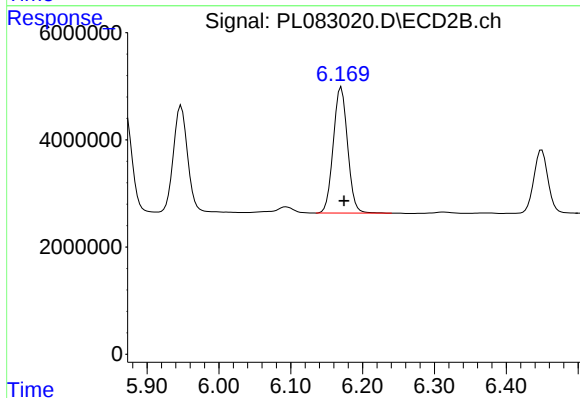
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 35258650
Conc: 13.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

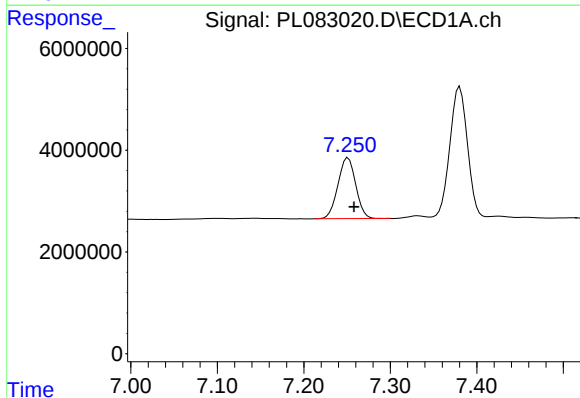
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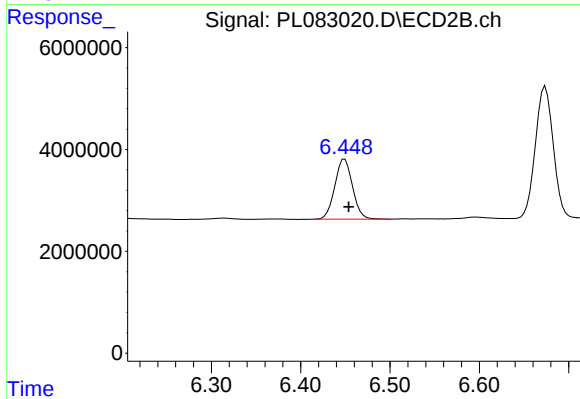
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 32466165
Conc: 13.26 ng/ml



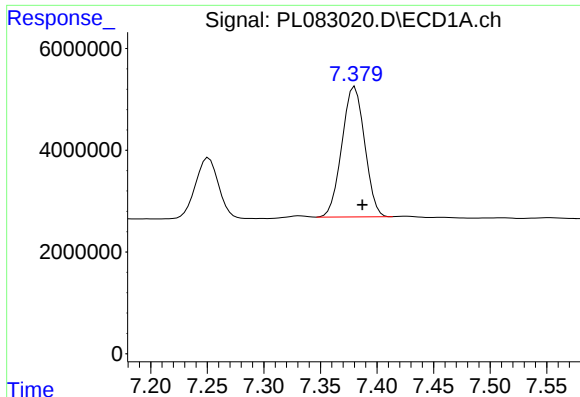
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 17014634
Conc: 12.87 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 16222539
Conc: 12.76 ng/ml



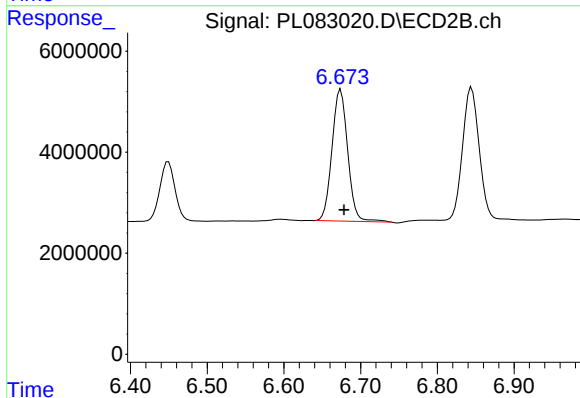
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 35901824
Conc: 14.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

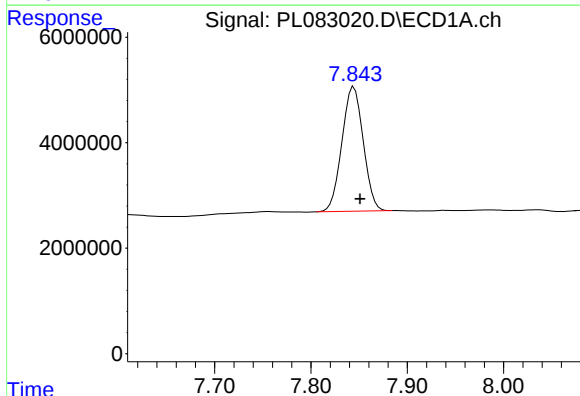
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



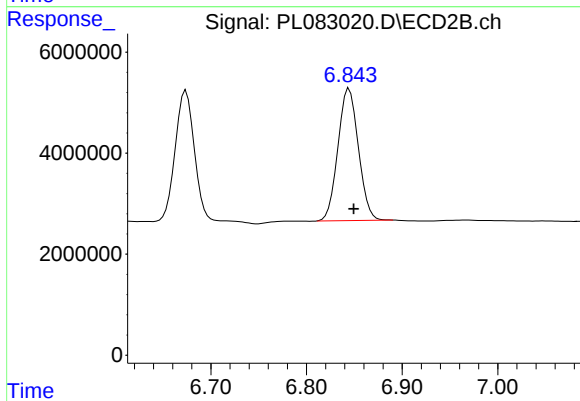
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 37060908
Conc: 13.71 ng/ml



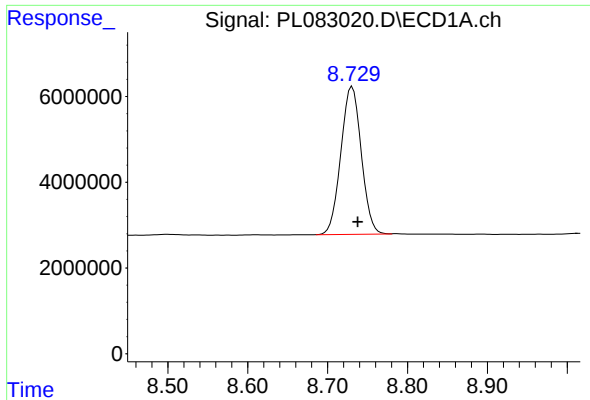
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 36180500
Conc: 17.26 ng/ml



#22 Mirex

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 38952731
Conc: 16.65 ng/ml



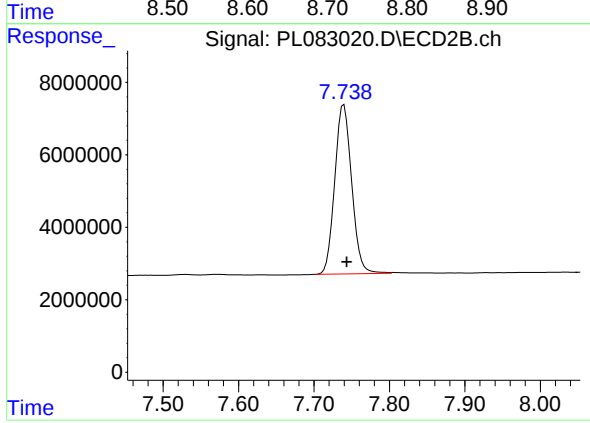
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 61151801
Conc: 29.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153063BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.004 min
Response: 72947401
Conc: 29.34 ng/ml