

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
 Data File : PL081236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 10:34
 Operator : AR\AJ
 Sample : PB151154BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151154BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/06/2023
 Supervised By :Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 20:46:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.340	2.663	46623680	41428852	21.579	20.471
28) SA Decachlor...	8.766	7.792	38945636	46538252	25.546	24.295
Target Compounds						
2) A alpha-BHC	3.791	3.165	151.0E6	130.5E6	47.471	44.518
3) MA gamma-BHC...	4.120	3.493	141.6E6	125.5E6	47.862	45.604
4) MA Heptachlor	4.700	3.828	136.4E6	130.1E6	49.431	47.163
5) MB Aldrin	5.037	4.106	126.9E6	122.0E6	49.867	46.535
6) B beta-BHC	4.322	3.792	62620456	53021331	45.493	45.683
7) B delta-BHC	4.564	4.021	135.5E6	117.8E6	48.754	46.252
8) B Heptachlo...	5.463	4.609	117.2E6	117.3E6	49.663	48.512
9) A Endosulfan I	5.844	4.977	106.2E6	110.9E6	50.286	48.986
10) B gamma-Chl...	5.717	4.858	116.2E6	119.5E6	50.932	48.816
11) B alpha-Chl...	5.795	4.922	114.3E6	119.7E6	50.749	48.878
12) B 4,4'-DDE	5.973	5.113	99473038	99718714	50.840	50.803
13) MA Dieldrin	6.119	5.242	106.4E6	112.8E6	50.814	50.057
14) MA Endrin	6.345	5.517	90697214	98565404	49.903	49.046
15) B Endosulfa...	6.567	5.813	88345837	95009676	50.672	51.532
16) A 4,4'-DDD	6.489	5.668	83470145	84536557	54.223	55.105
17) MA 4,4'-DDT	6.800	5.917	78860897	80558069	49.682	50.214
18) B Endrin al...	6.696	5.994	72713329	75861120	50.800m	50.072
19) B Endosulfa...	6.931	6.217	92740016	97815143	51.651	50.891
20) A Methoxychlor	7.280	6.498	42936008	46621590	49.847	50.234
21) B Endrin ke...	7.410	6.723	93786885	108.4E6	51.702	50.360
22) Mirex	7.875	6.895	73834792	93433303	50.603	48.546

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
Data File : PL081236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Mar 2023 10:34
Operator : AR\AJ
Sample : PB151154BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

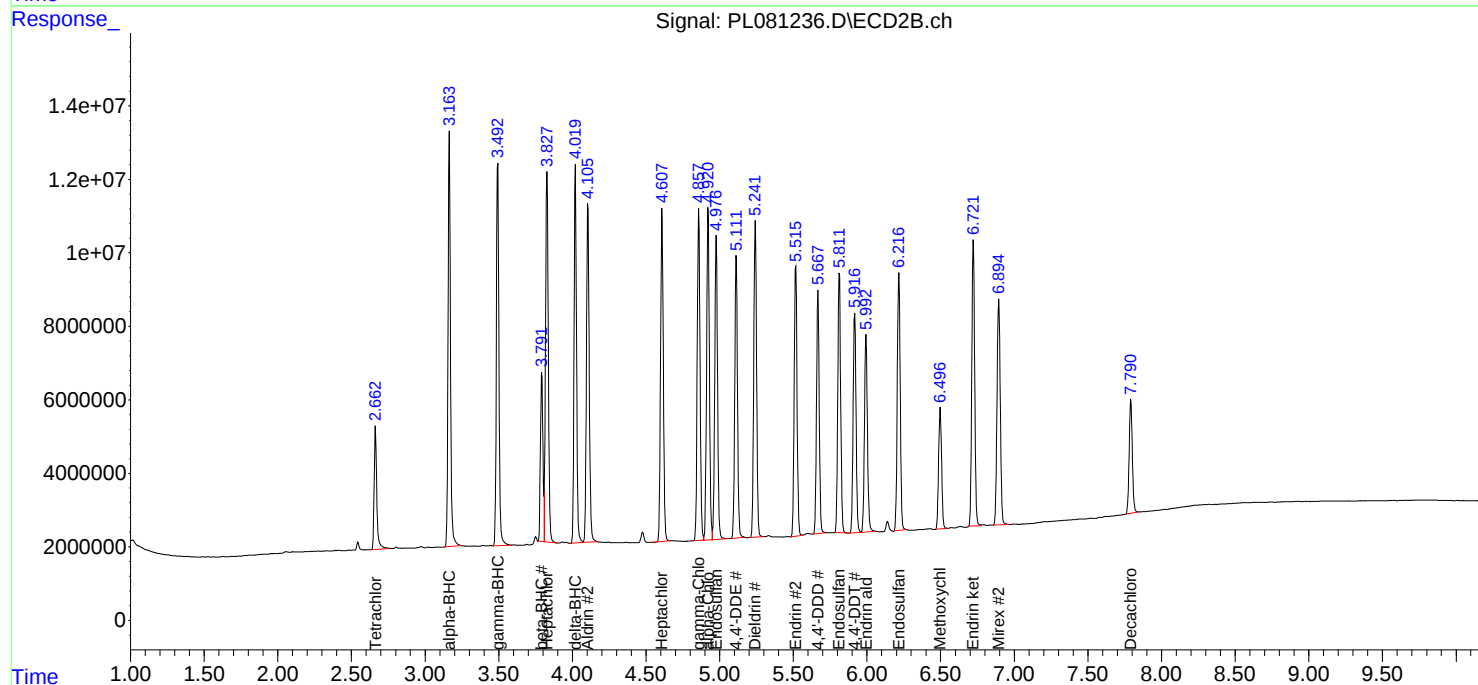
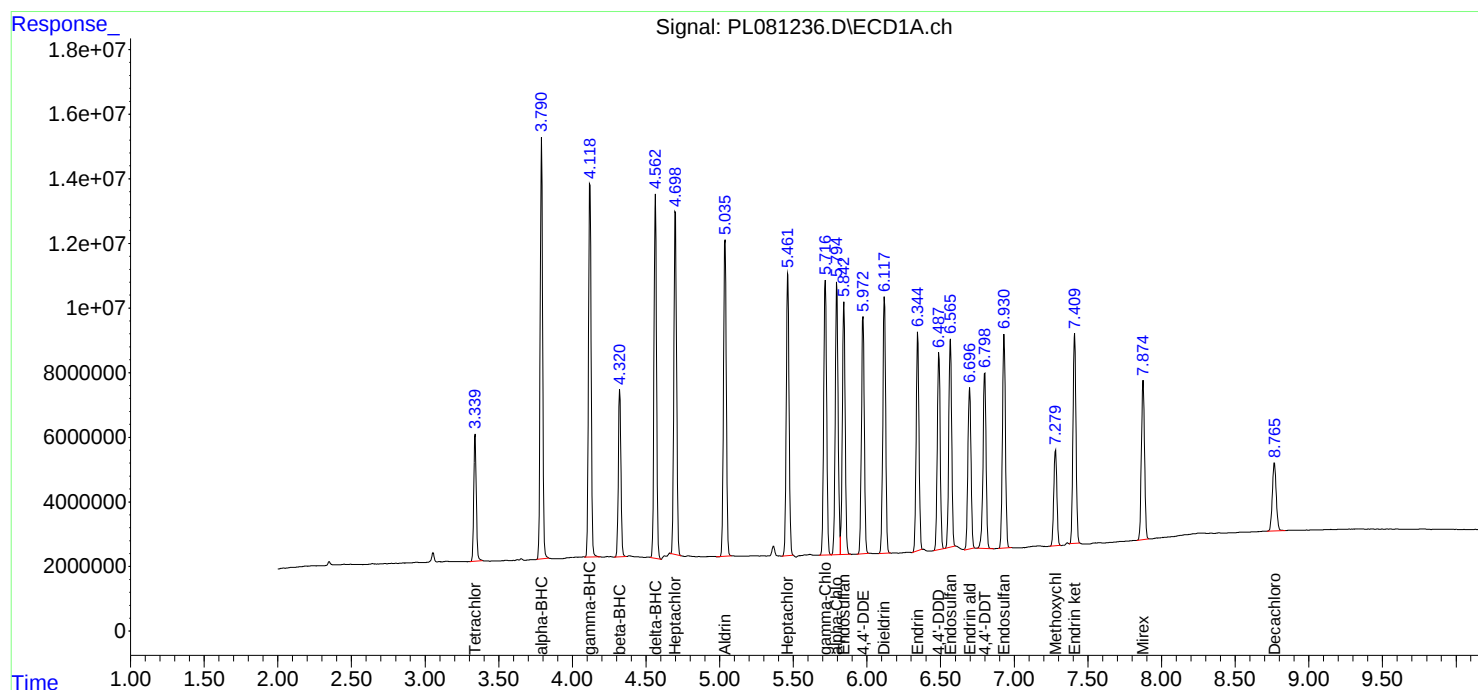
Instrument :
ECD_L
ClientSampleId :
PB151154BS

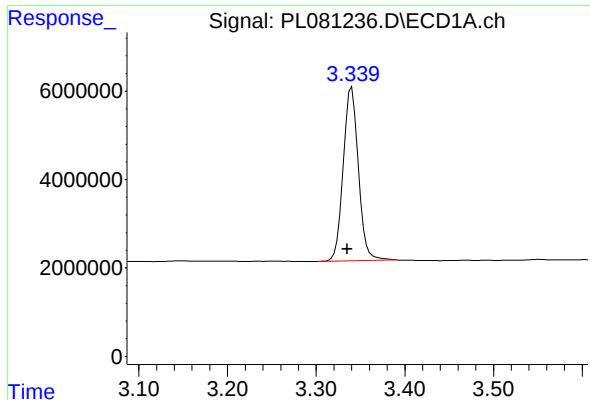
Manual Integrations
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Supervised By :Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 20:46:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
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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





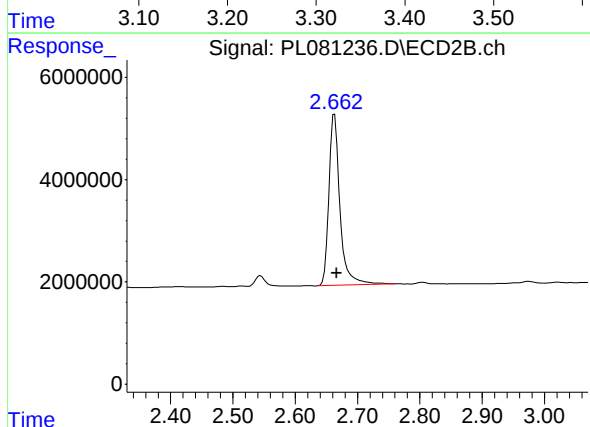
#1 Tetrachloro-m-xylene

R.T.: 3.340 min
Delta R.T.: 0.005 min
Response: 46623680
Conc: 21.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

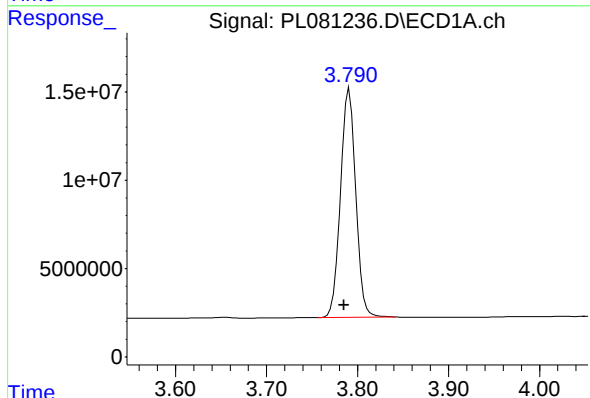
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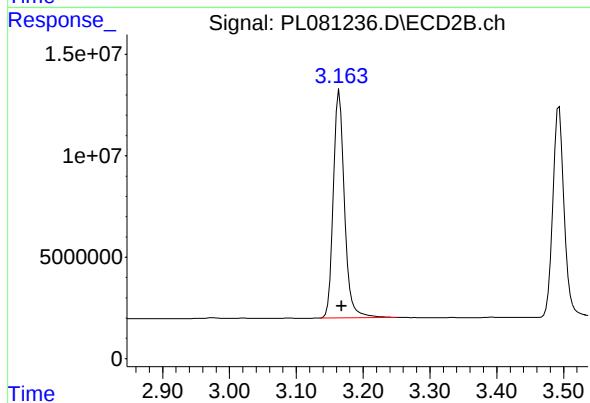
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 41428852
Conc: 20.47 ng/ml



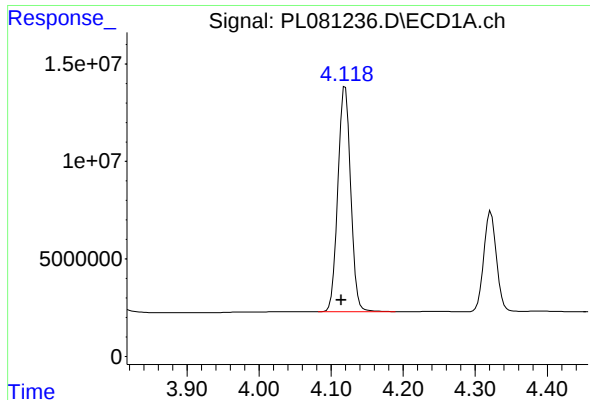
#2 alpha-BHC

R.T.: 3.791 min
Delta R.T.: 0.006 min
Response: 151019355
Conc: 47.47 ng/ml



#2 alpha-BHC

R.T.: 3.165 min
Delta R.T.: -0.003 min
Response: 130465471
Conc: 44.52 ng/ml



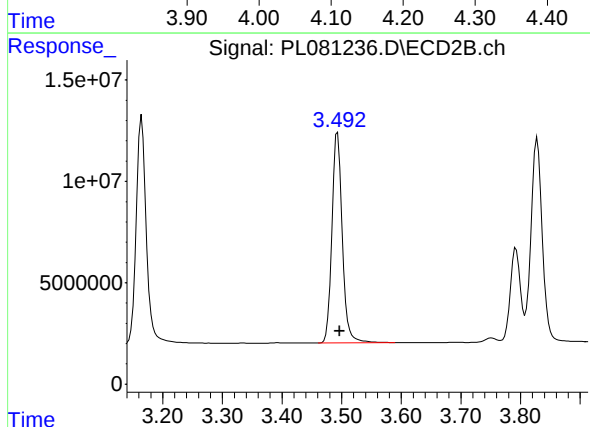
#3 gamma-BHC (Lindane)

R.T.: 4.120 min
Delta R.T.: 0.005 min
Response: 141603865
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

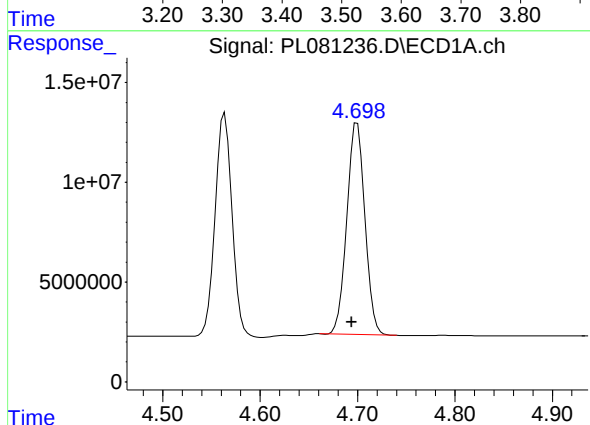
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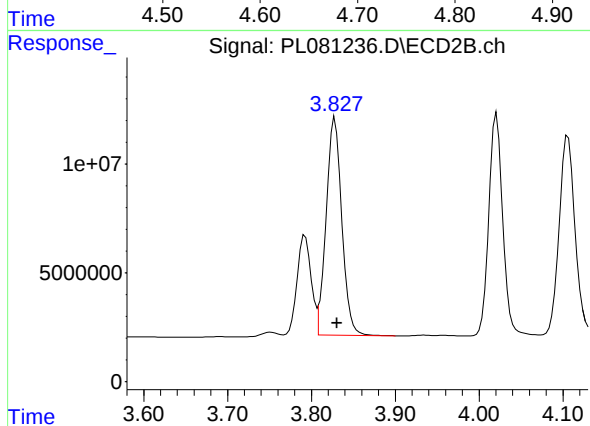
#3 gamma-BHC (Lindane)

R.T.: 3.493 min
Delta R.T.: -0.003 min
Response: 125459664
Conc: 45.60 ng/ml



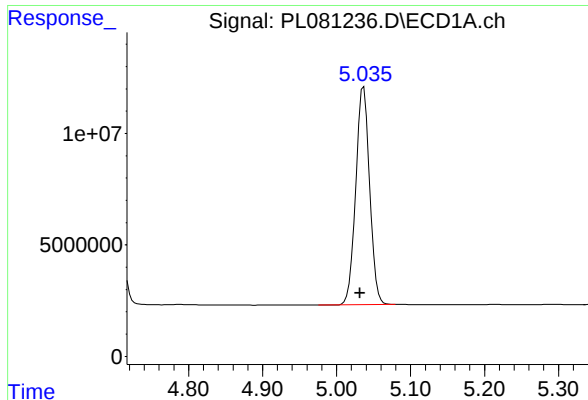
#4 Heptachlor

R.T.: 4.700 min
Delta R.T.: 0.005 min
Response: 136398220
Conc: 49.43 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 130147975
Conc: 47.16 ng/ml



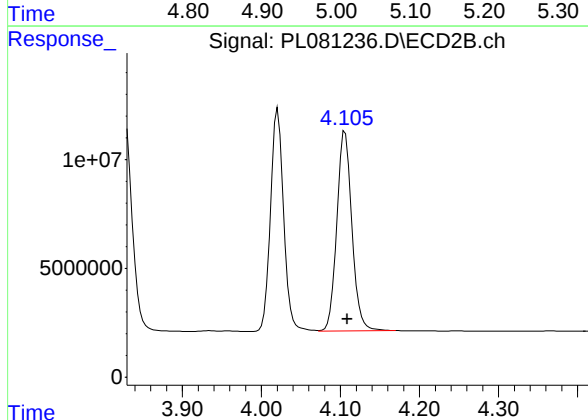
#5 Aldrin

R.T.: 5.037 min
Delta R.T.: 0.005 min
Response: 126868374
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

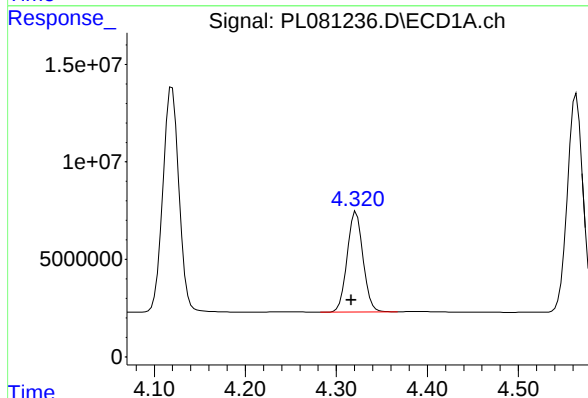
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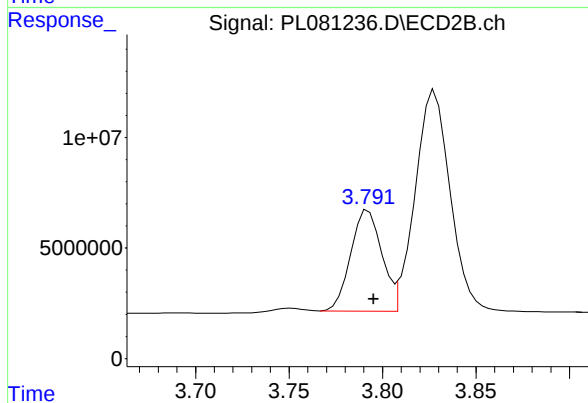
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 122001834
Conc: 46.53 ng/ml



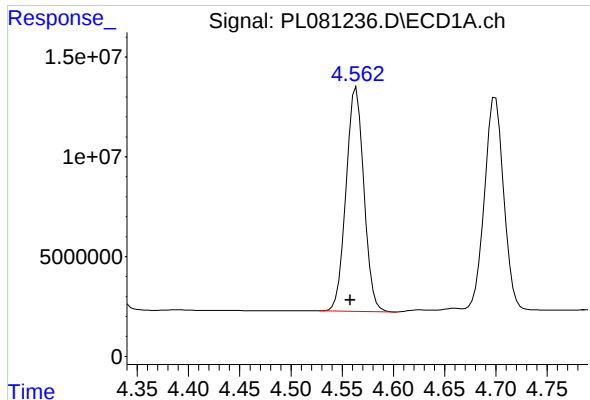
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: 0.005 min
Response: 62620456
Conc: 45.49 ng/ml



#6 beta-BHC

R.T.: 3.792 min
Delta R.T.: -0.003 min
Response: 53021331
Conc: 45.68 ng/ml



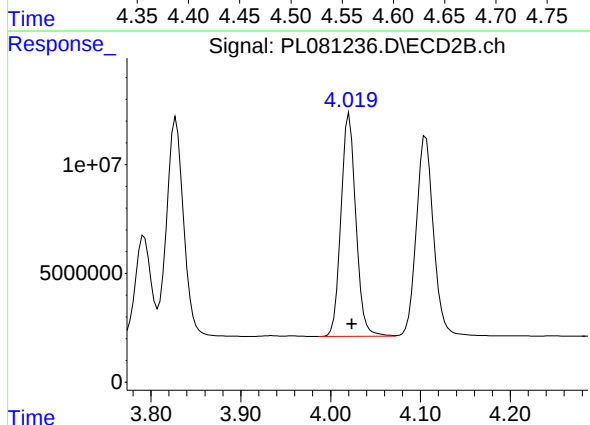
#7 delta-BHC

R.T.: 4.564 min
Delta R.T.: 0.006 min
Response: 135497144
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

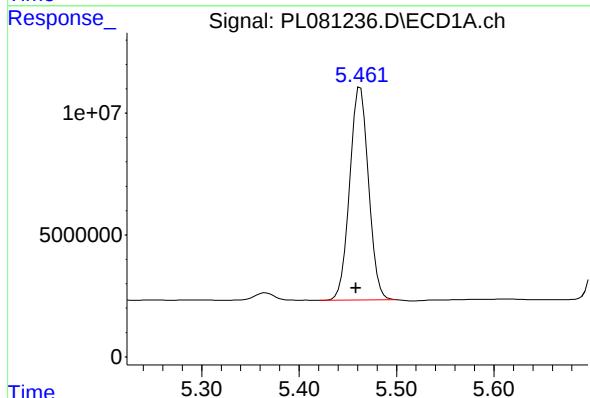
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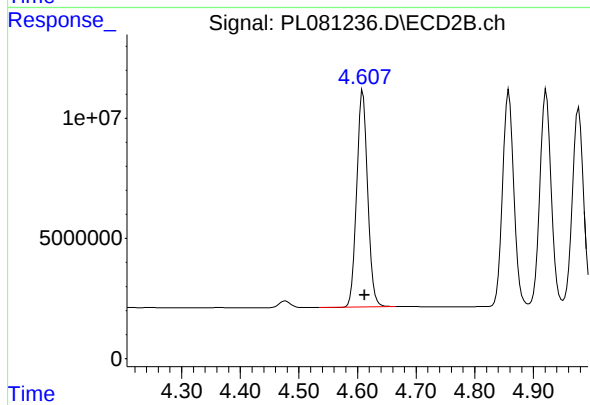
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 117787170
Conc: 46.25 ng/ml



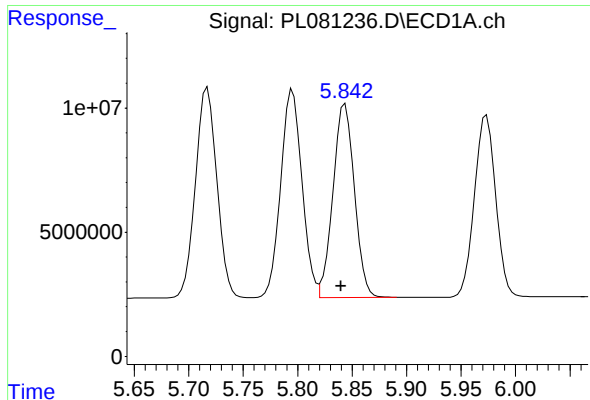
#8 Heptachlor epoxide

R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 117206403
Conc: 49.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 117306364
Conc: 48.51 ng/ml



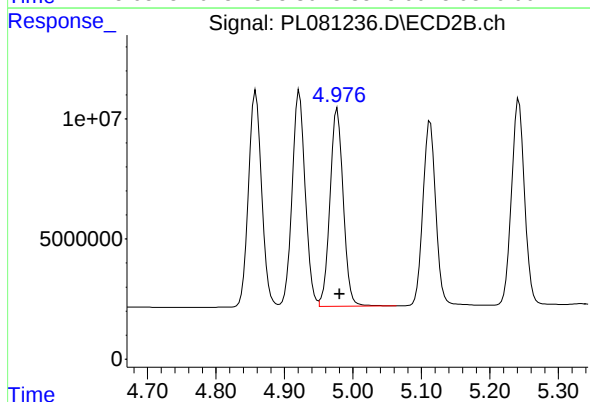
#9 Endosulfan I

R.T.: 5.844 min
Delta R.T.: 0.004 min
Response: 106240992
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

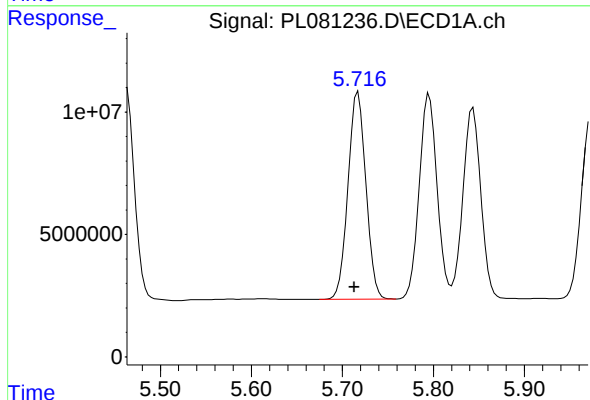
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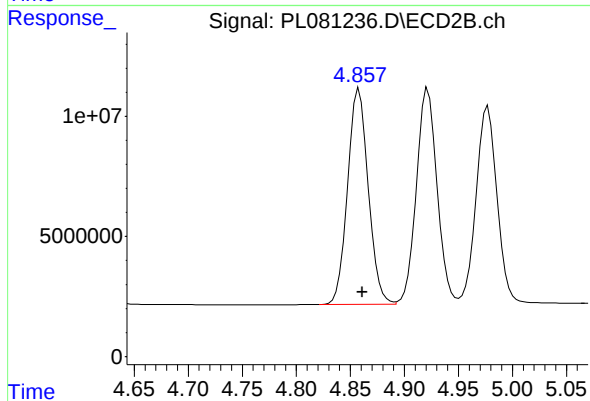
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 110886892
Conc: 48.99 ng/ml



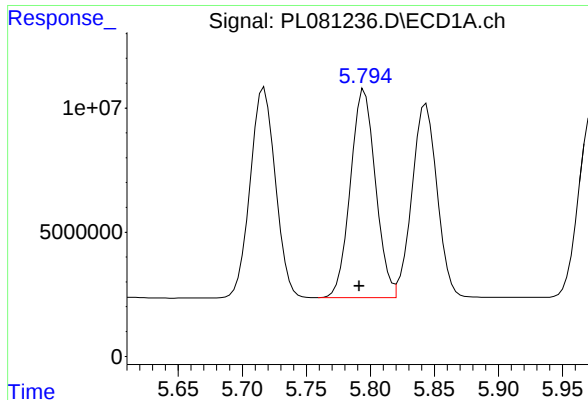
#10 gamma-Chlordane

R.T.: 5.717 min
Delta R.T.: 0.004 min
Response: 116221751
Conc: 50.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 119489115
Conc: 48.82 ng/ml



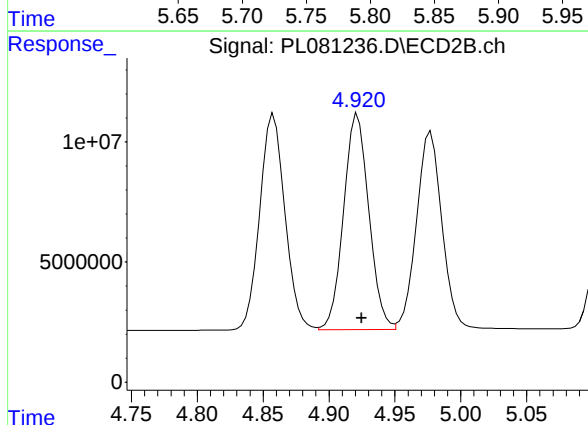
#11 alpha-Chlordane

R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 114334203
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

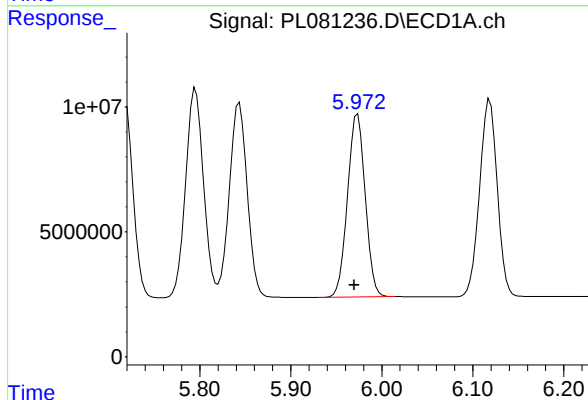
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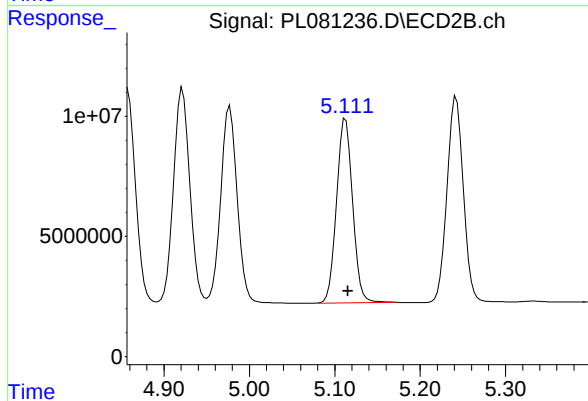
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 119679037
Conc: 48.88 ng/ml



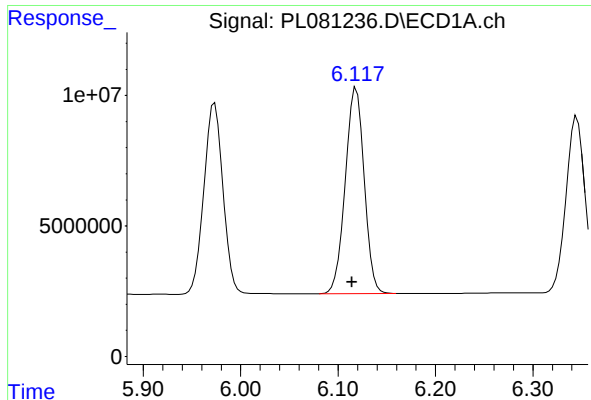
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 99473038
Conc: 50.84 ng/ml



#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 99718714
Conc: 50.80 ng/ml



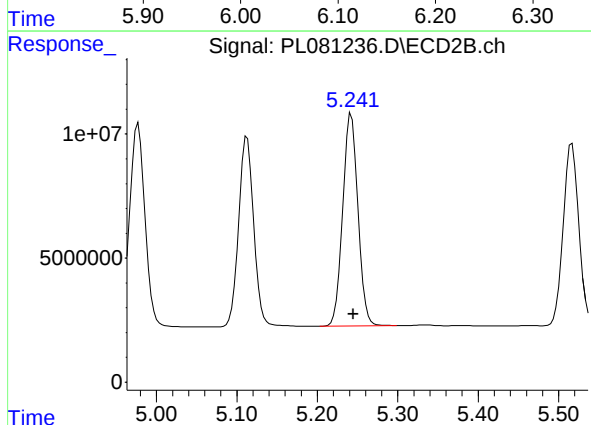
#13 Dieldrin

R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 106353757
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

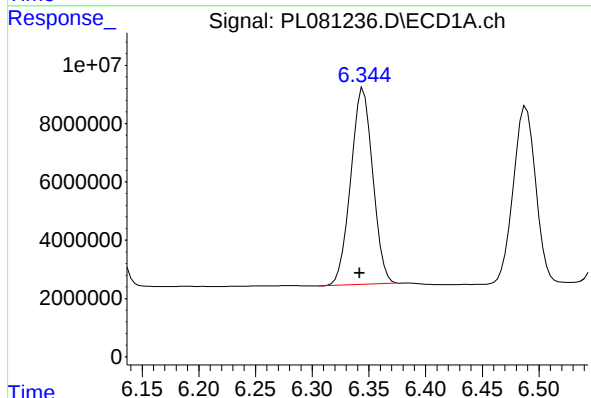
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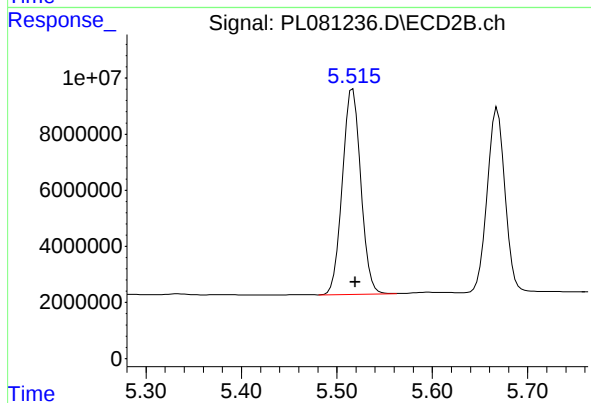
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 112845939
Conc: 50.06 ng/ml



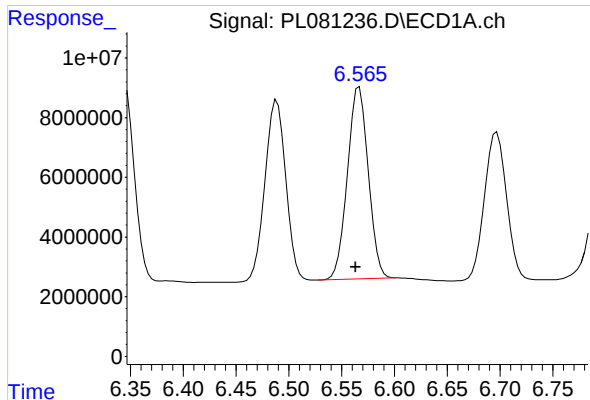
#14 Endrin

R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 90697214
Conc: 49.90 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 98565404
Conc: 49.05 ng/ml



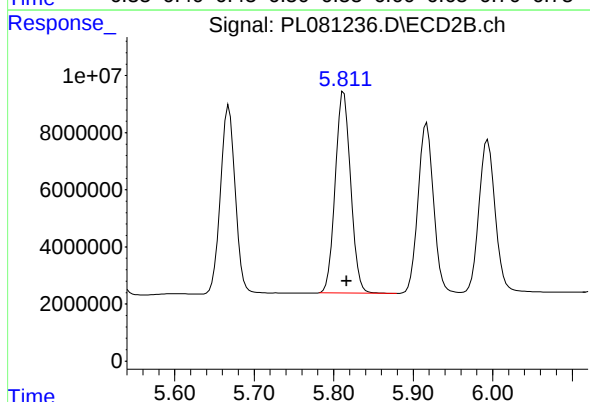
#15 Endosulfan II

R.T.: 6.567 min
Delta R.T.: 0.003 min
Response: 88345837
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

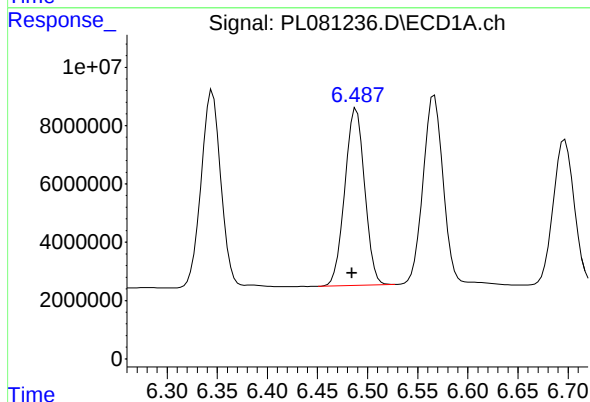
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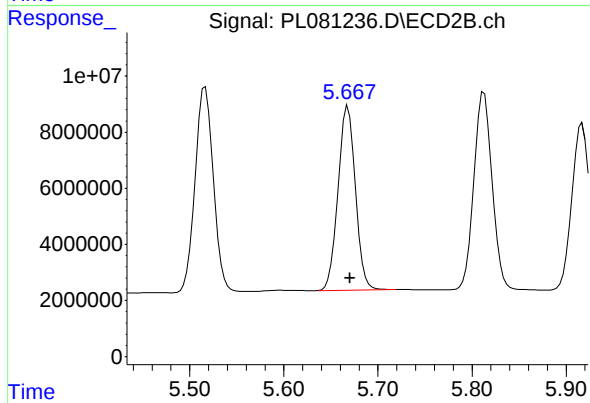
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 95009676
Conc: 51.53 ng/ml



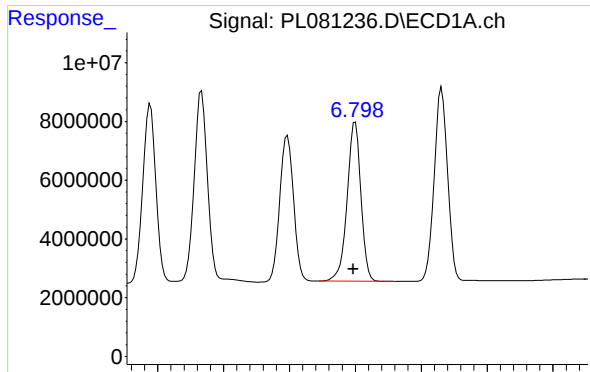
#16 4,4'-DDD

R.T.: 6.489 min
Delta R.T.: 0.004 min
Response: 83470145
Conc: 54.22 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 84536557
Conc: 55.10 ng/ml



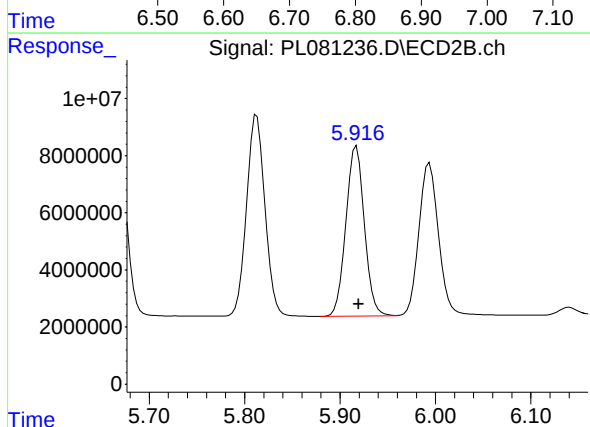
#17 4,4'-DDT

R.T.: 6.800 min
Delta R.T.: 0.003 min
Response: 78860897
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

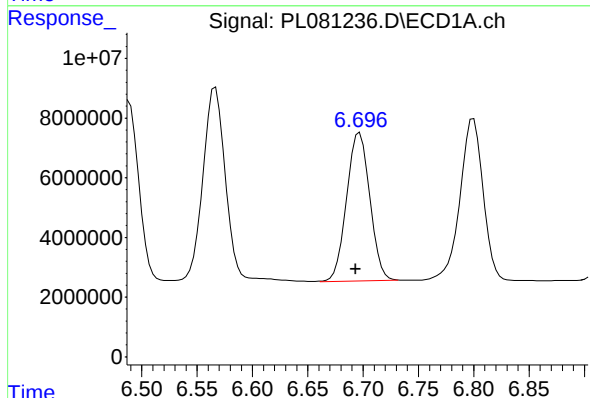
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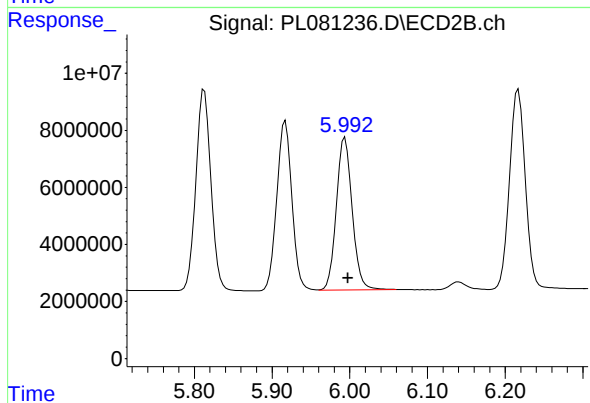
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 80558069
Conc: 50.21 ng/ml



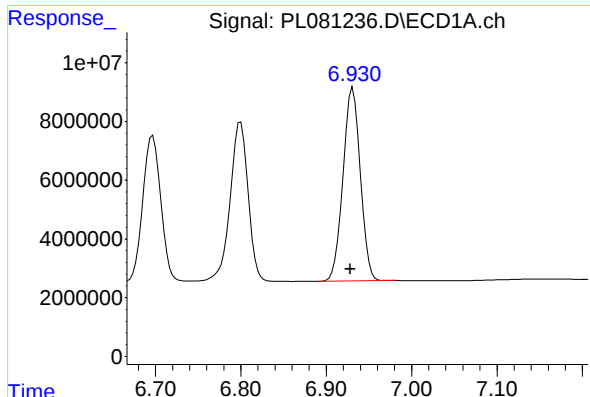
#18 Endrin aldehyde

R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 72713329
Conc: 50.80 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 75861120
Conc: 50.07 ng/ml



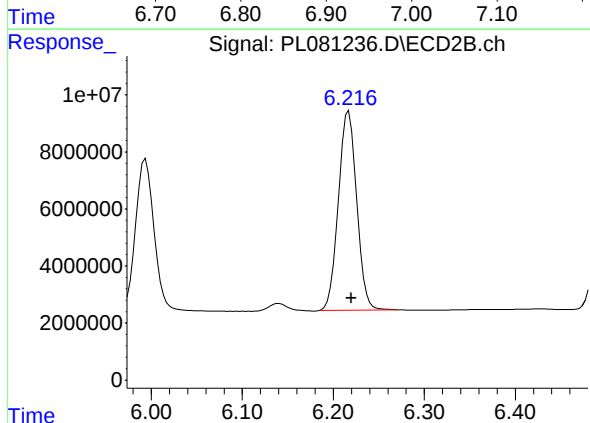
#19 Endosulfan Sulfate

R.T.: 6.931 min
Delta R.T.: 0.003 min
Response: 92740016
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

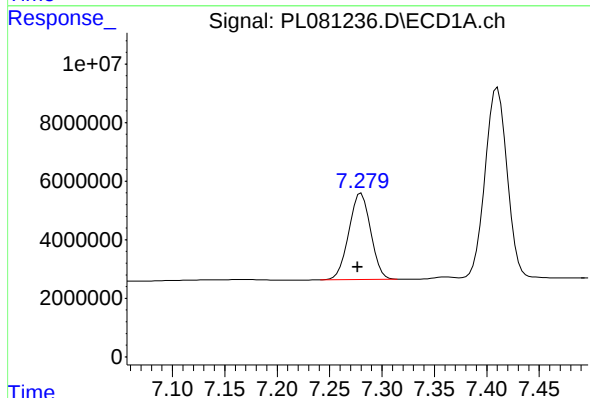
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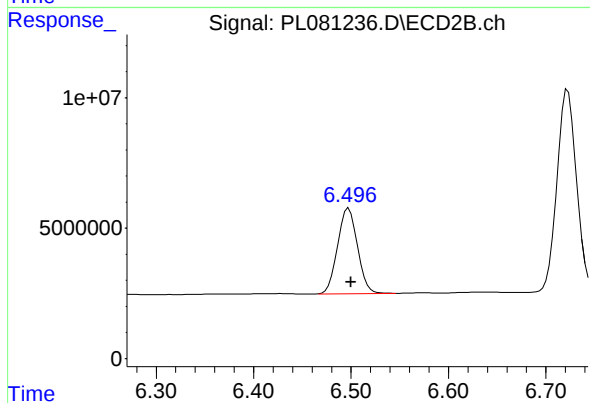
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 97815143
Conc: 50.89 ng/ml



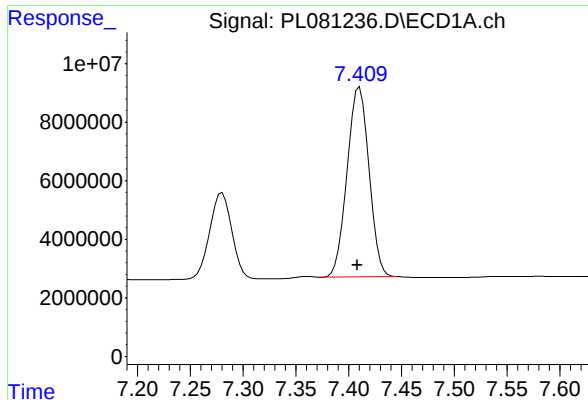
#20 Methoxychlor

R.T.: 7.280 min
Delta R.T.: 0.003 min
Response: 42936008
Conc: 49.85 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 46621590
Conc: 50.23 ng/ml



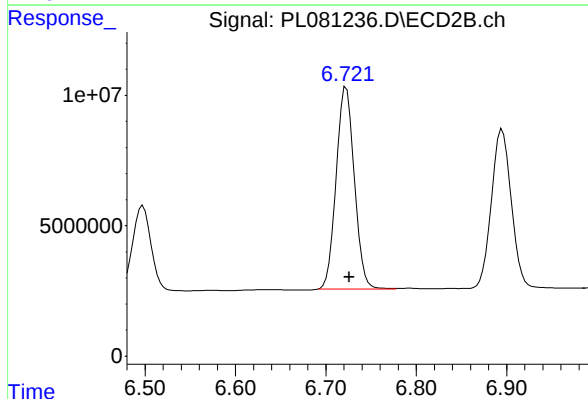
#21 Endrin ketone

R.T.: 7.410 min
Delta R.T.: 0.002 min
Response: 93786885
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

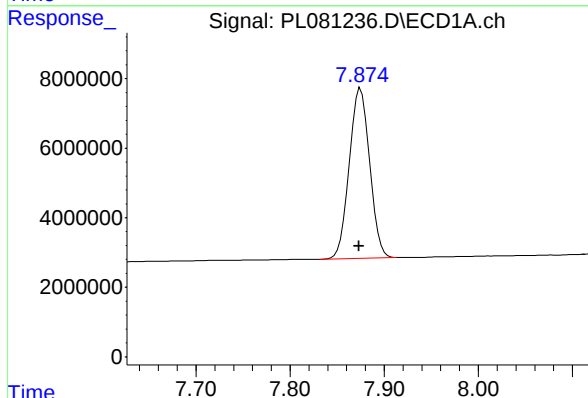
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/06/2023
Supervised By :Ankita Jodhani 03/06/2023



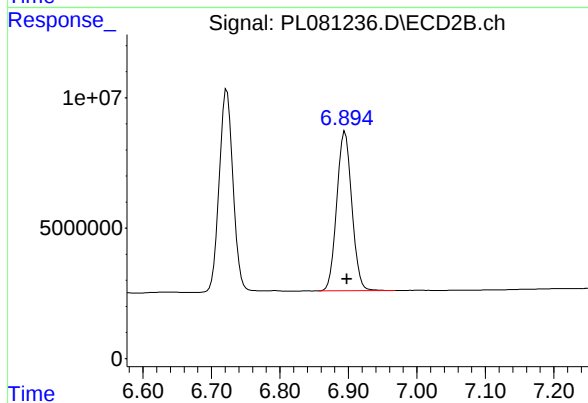
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 108430067
Conc: 50.36 ng/ml



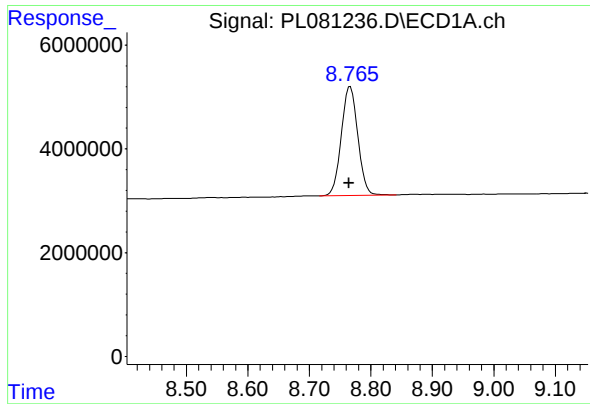
#22 Mirex

R.T.: 7.875 min
Delta R.T.: 0.002 min
Response: 73834792
Conc: 50.60 ng/ml



#22 Mirex

R.T.: 6.895 min
Delta R.T.: -0.003 min
Response: 93433303
Conc: 48.55 ng/ml



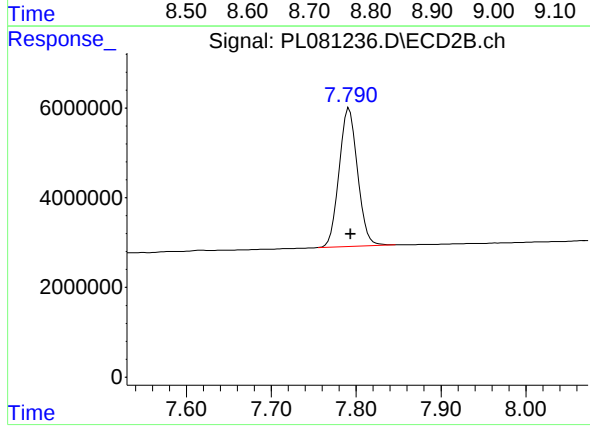
#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: 0.002 min
Response: 38945636
Conc: 25.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151154BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 46538252
Conc: 24.30 ng/ml