

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 22:26
 Operator : AR\AJ
 Sample : 01485-01MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EA-FILTERBAGS-0208MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/13/2023
 Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:56:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.689	40495880	38689874	18.881	17.615
28) SA Decachlor...	8.786	7.832	35223043	40938030	20.119	17.183
Target Compounds						
2) A alpha-BHC	3.800	3.189	156.7E6	150.4E6	49.476	47.300
3) MA gamma-BHC...	4.128	3.518	146.8E6	141.6E6	49.931	47.392
4) MA Heptachlor	4.712	3.858	149.1E6	146.7E6	50.458	46.107
5) MB Aldrin	5.050	4.136	136.3E6	135.8E6	49.809	46.040
6) B beta-BHC	4.324	3.814	63944165	60727865	46.845	45.502
7) B delta-BHC	4.567	4.043	133.4E6	122.2E6	46.070	42.350
8) B Heptachlo...	5.474	4.639	129.6E6	125.9E6	50.089	45.255
9) A Endosulfan I	5.856	5.008	114.9E6	115.6E6	48.674	44.439
10) B gamma-Chl...	5.729	4.888	124.1E6	127.0E6	49.149	44.802m
11) B alpha-Chl...	5.807	4.954	122.8E6	125.6E6	48.664	43.830
12) B 4,4'-DDE	5.986	5.145	111.0E6	109.3E6	49.823	46.355m
13) MA Dieldrin	6.130	5.271	118.7E6	120.3E6	49.588	44.487m
14) MA Endrin	6.357	5.547	106.9E6	109.6E6	49.451	47.213
15) B Endosulfa...	6.576	5.839	97838979	101.1E6	42.681	48.520m
16) A 4,4'-DDD	6.500	5.699	92753987	91297386	50.630	48.583
17) MA 4,4'-DDT	6.813	5.951	95528565	93727258	45.979	44.600
18) B Endrin al...	6.705	6.021	80685162	80560364	48.506	44.116
19) B Endosulfa...	6.939	6.243	100.5E6	102.7E6	48.529	44.147
20) A Methoxychlor	7.290	6.528	51742525	50970205	46.898	42.004
21) B Endrin ke...	7.419	6.748	108.8E6	115.0E6	49.307	45.061
22) Mirex	7.891	6.931	83949781	96211330	48.814	42.259

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 22:26
Operator : AR\AJ
Sample : 01485-01MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

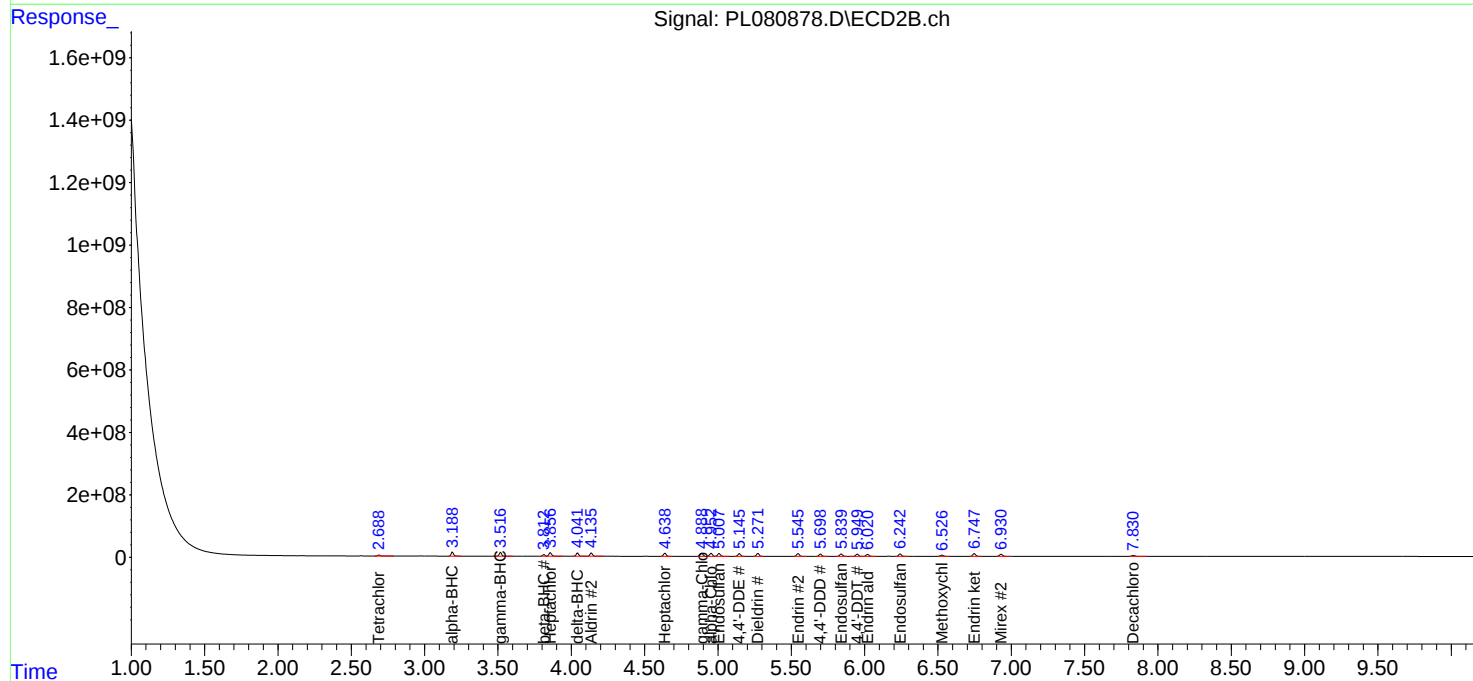
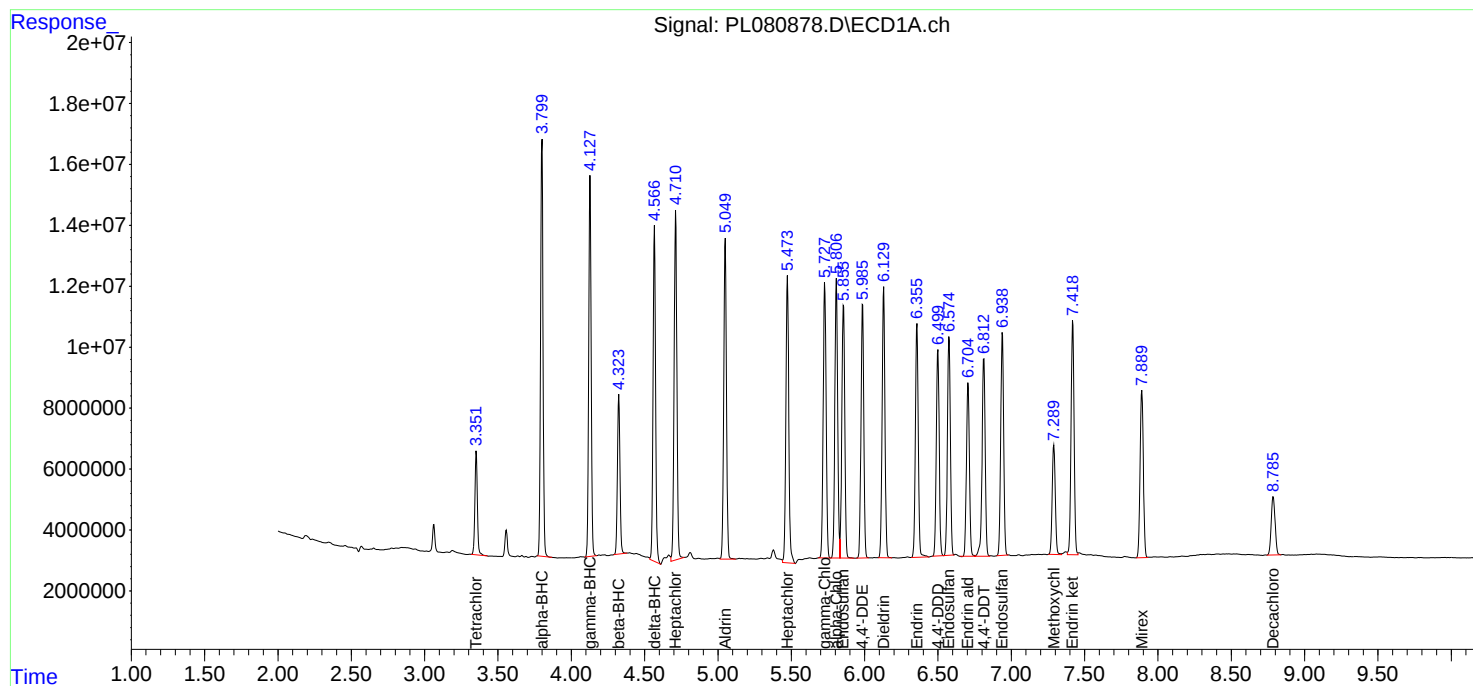
Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

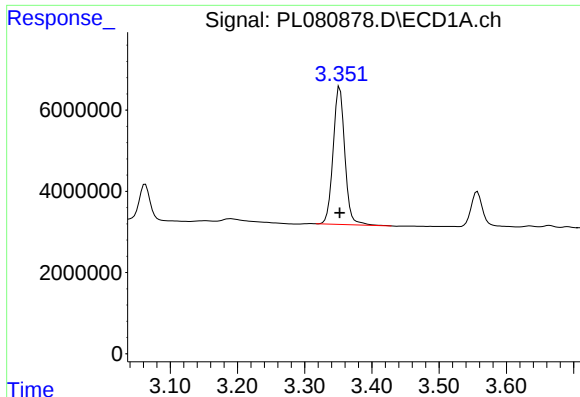
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:56:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
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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





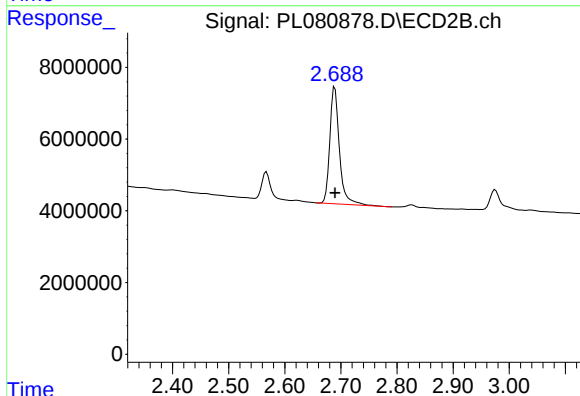
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 40495880
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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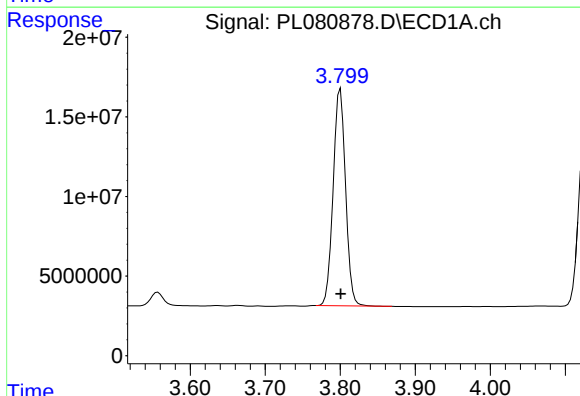
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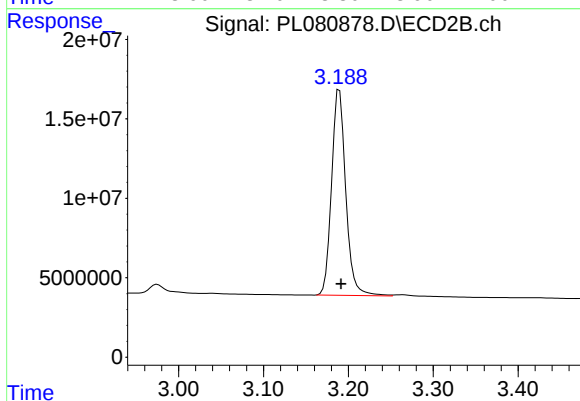
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 38689874
Conc: 17.61 ng/ml



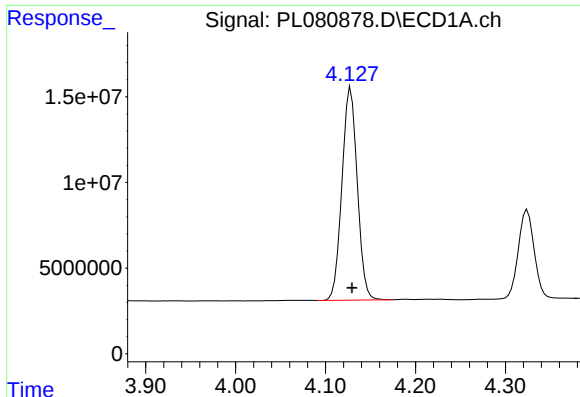
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 156740672
Conc: 49.48 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 150433103
Conc: 47.30 ng/ml



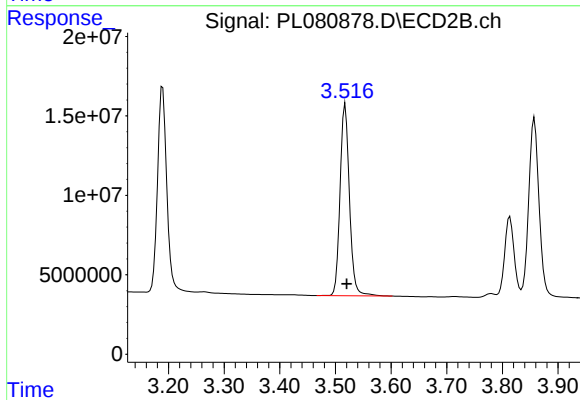
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 146785877
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

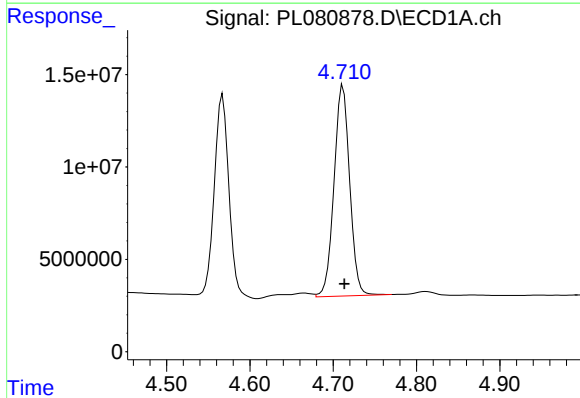
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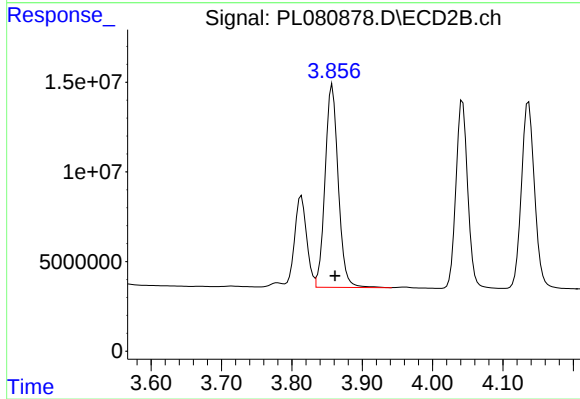
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 141575651
Conc: 47.39 ng/ml



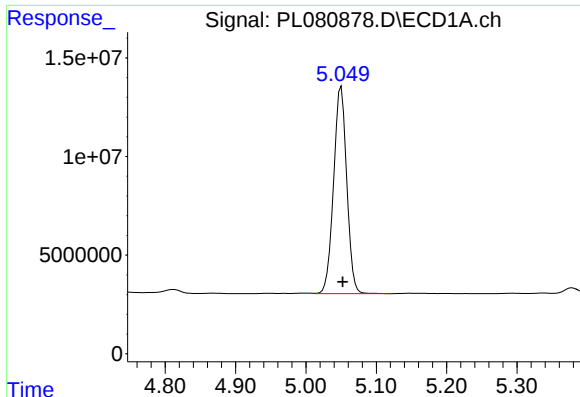
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 149113930
Conc: 50.46 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 146729195
Conc: 46.11 ng/ml



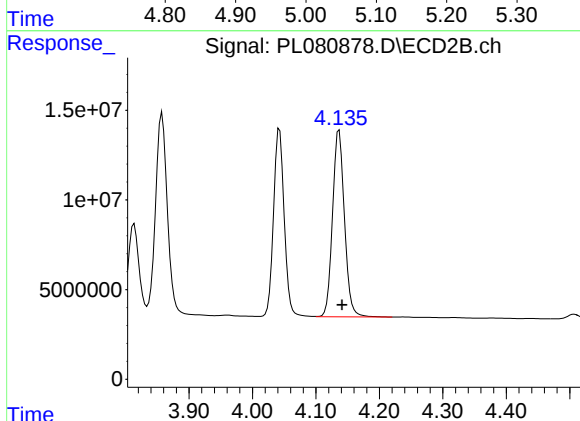
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 136267016
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

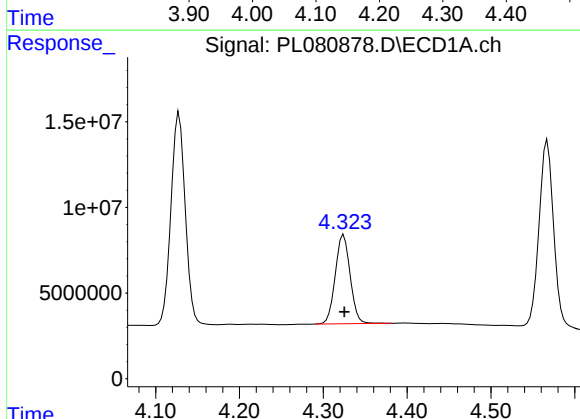
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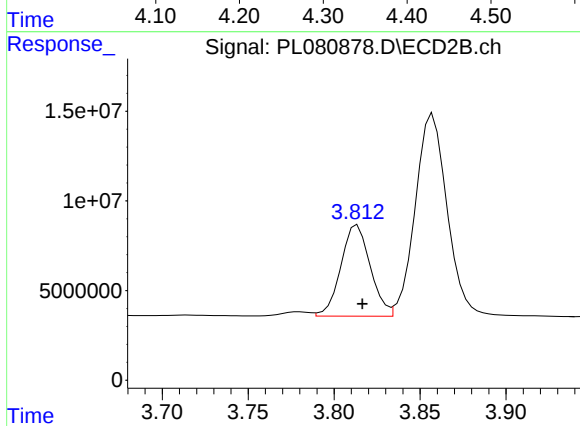
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 135797588
Conc: 46.04 ng/ml



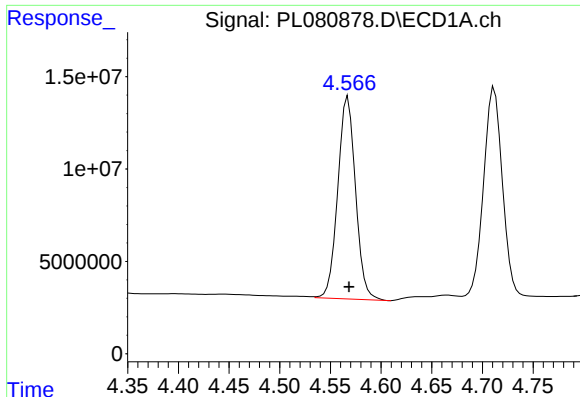
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 63944165
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 60727865
Conc: 45.50 ng/ml



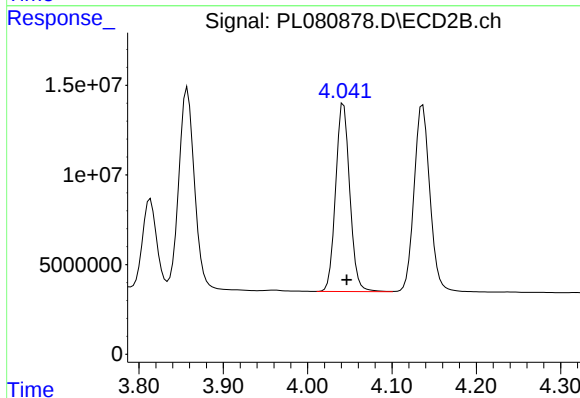
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 133372279
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

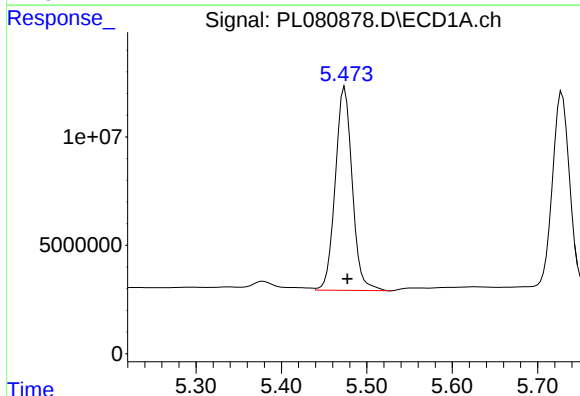
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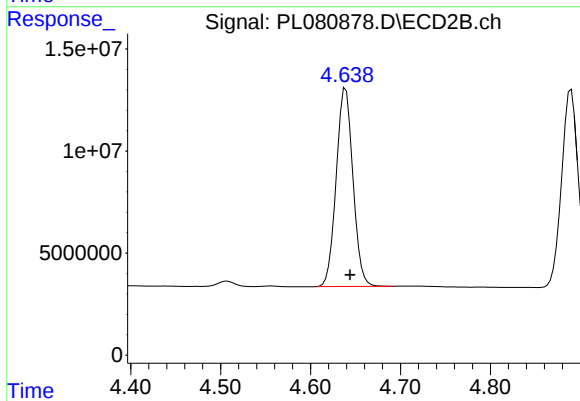
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 122156491
Conc: 42.35 ng/ml



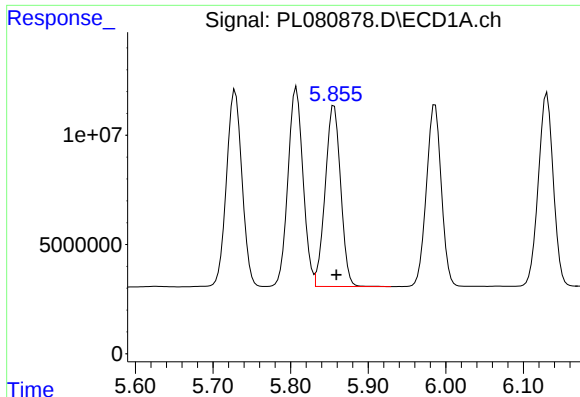
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 129583546
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 125914780
Conc: 45.25 ng/ml



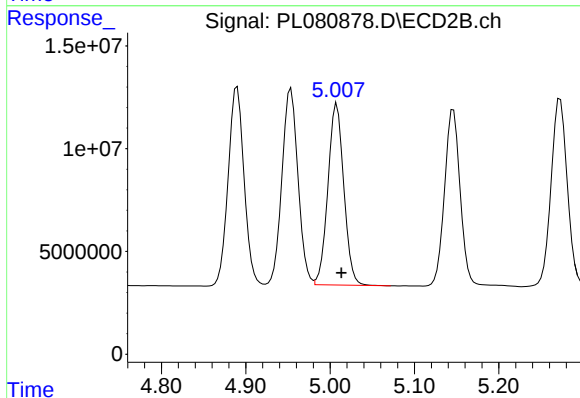
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 114941419
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

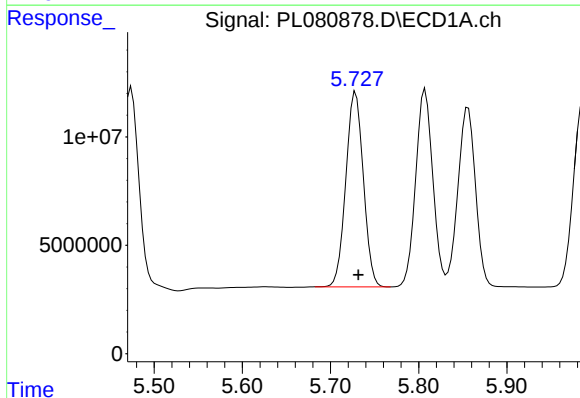
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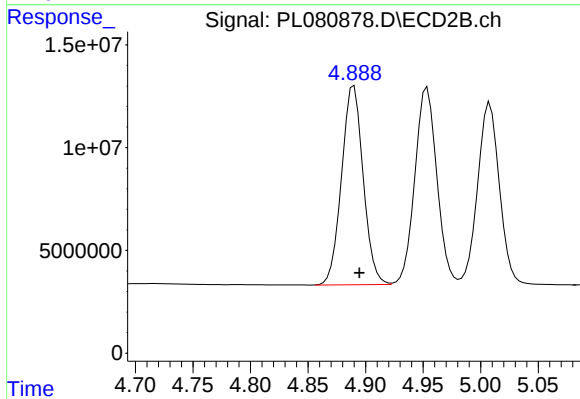
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 115600141
Conc: 44.44 ng/ml



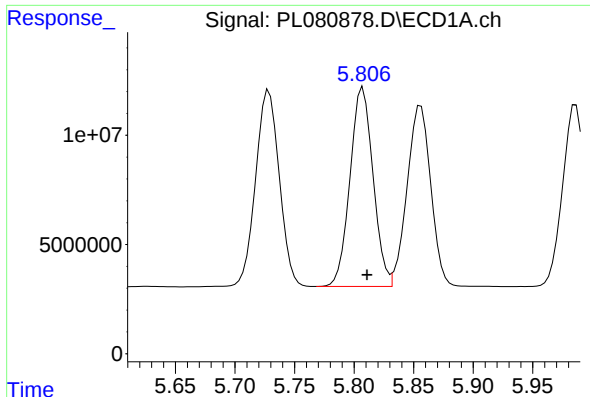
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 124136848
Conc: 49.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 126978931
Conc: 44.80 ng/ml m



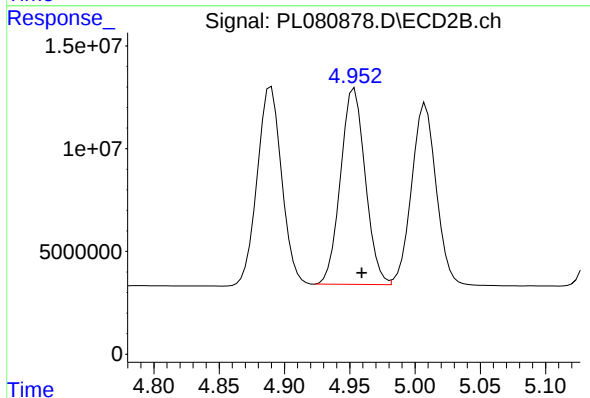
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 122841008
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

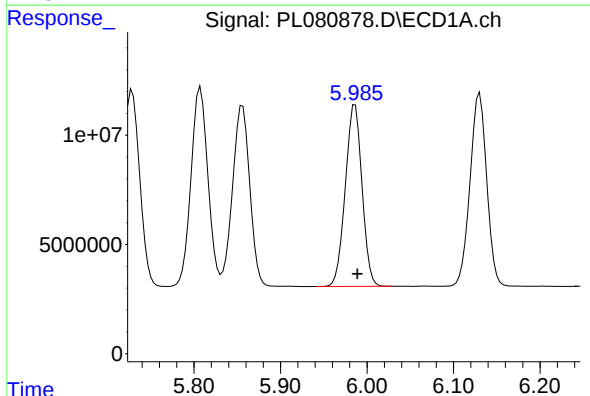
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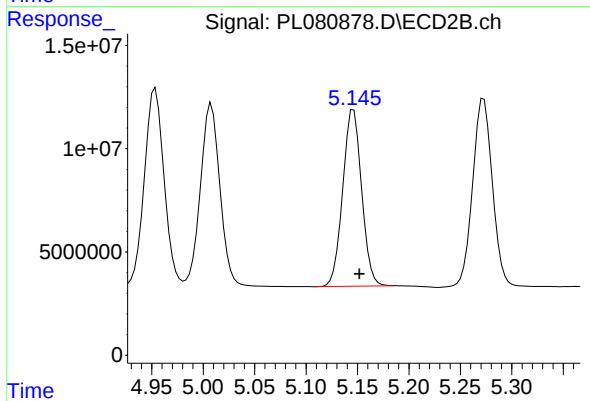
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 125558941
Conc: 43.83 ng/ml



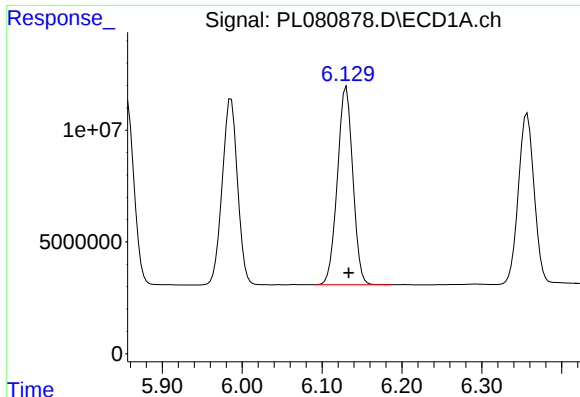
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 110973612
Conc: 49.82 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 109343769
Conc: 46.36 ng/ml m



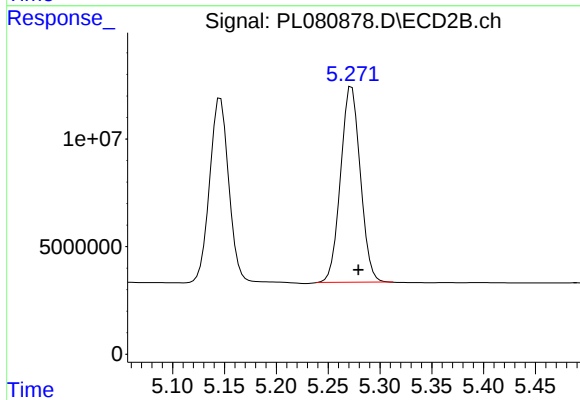
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 118681624
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

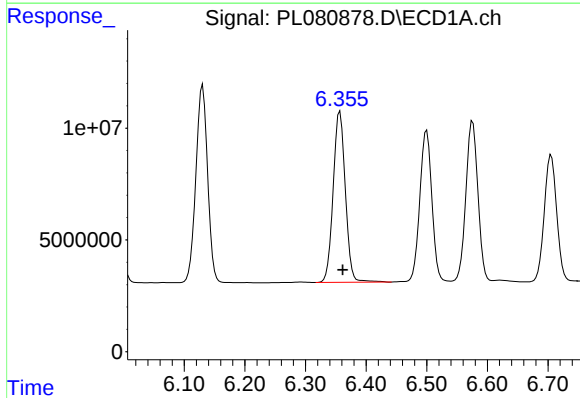
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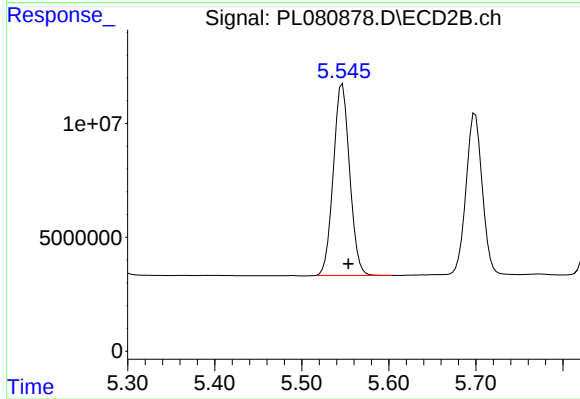
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 120336924
Conc: 44.49 ng/ml m



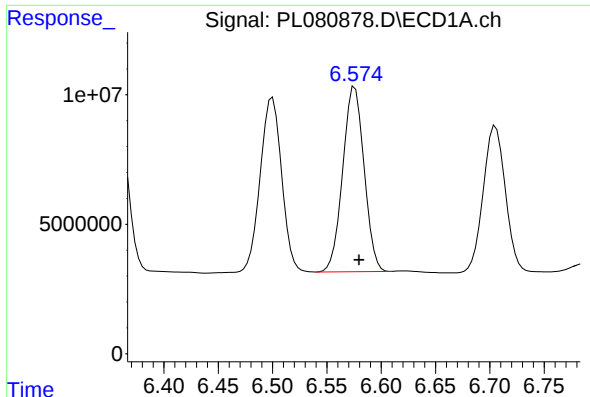
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 106946750
Conc: 49.45 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 109589612
Conc: 47.21 ng/ml



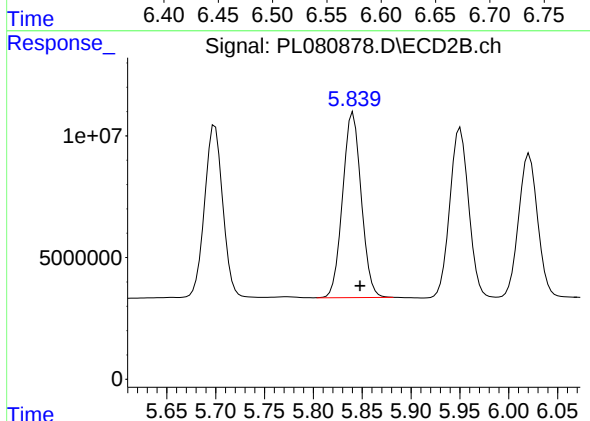
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 97838979
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
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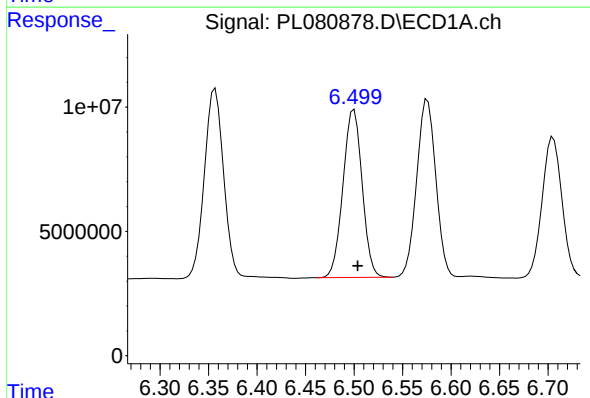
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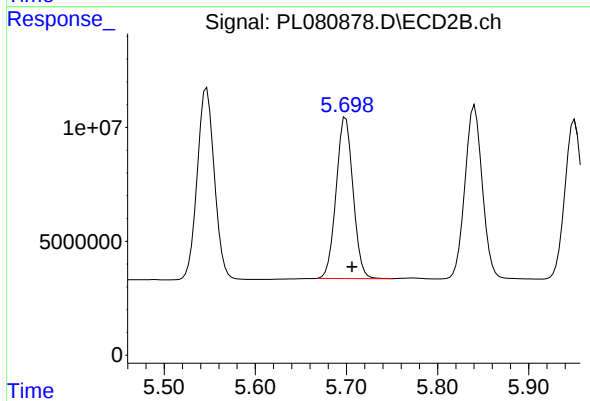
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 101102963
Conc: 48.52 ng/ml m



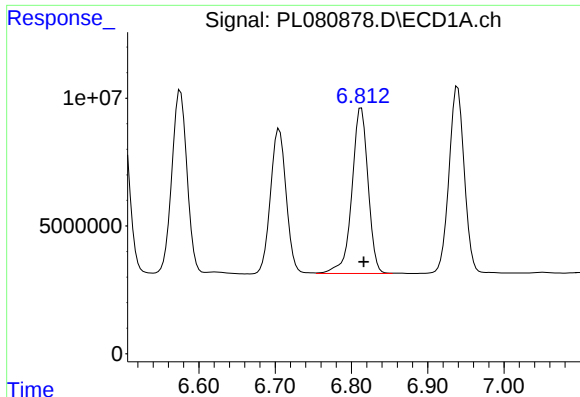
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 92753987
Conc: 50.63 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 91297386
Conc: 48.58 ng/ml



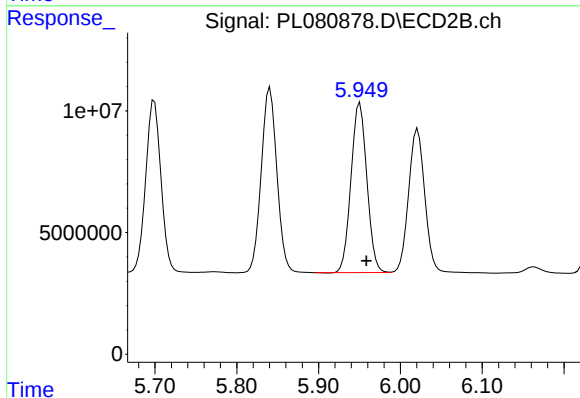
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 95528565
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

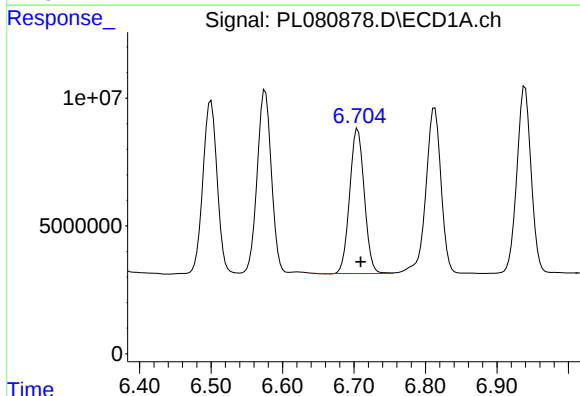
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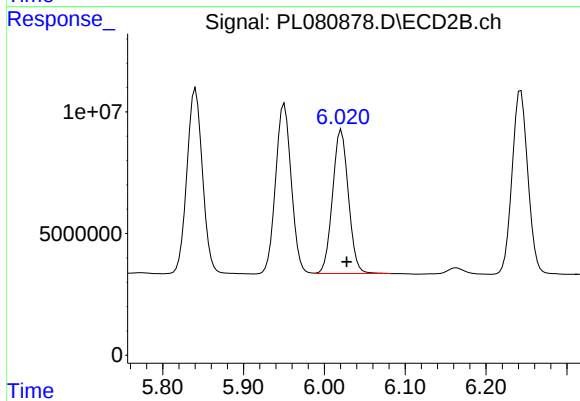
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.008 min
Response: 93727258
Conc: 44.60 ng/ml



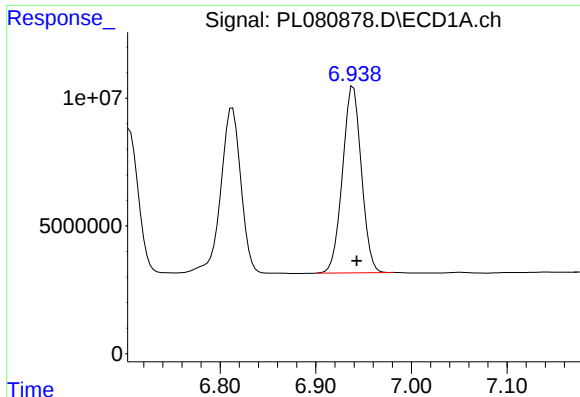
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 80685162
Conc: 48.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 80560364
Conc: 44.12 ng/ml



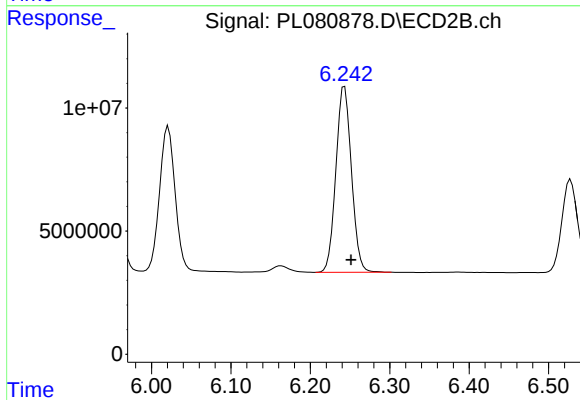
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 100450392
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

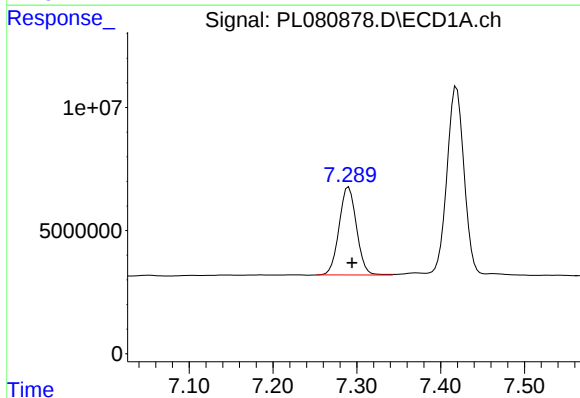
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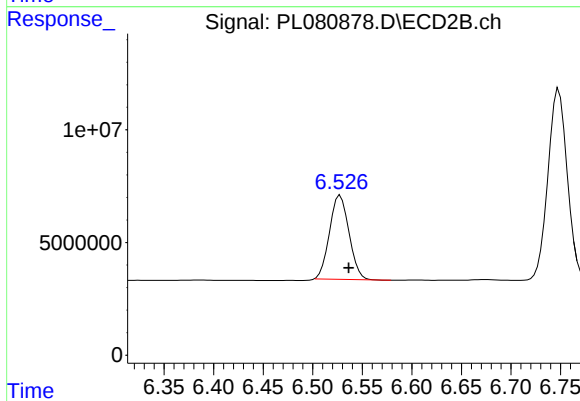
#19 Endosulfan Sulfate

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 102672114
Conc: 44.15 ng/ml



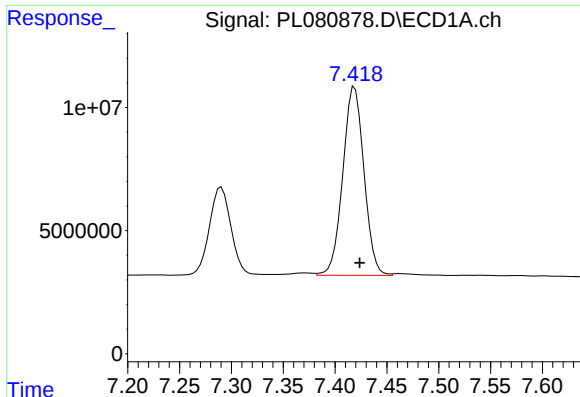
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 51742525
Conc: 46.90 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.009 min
Response: 50970205
Conc: 42.00 ng/ml



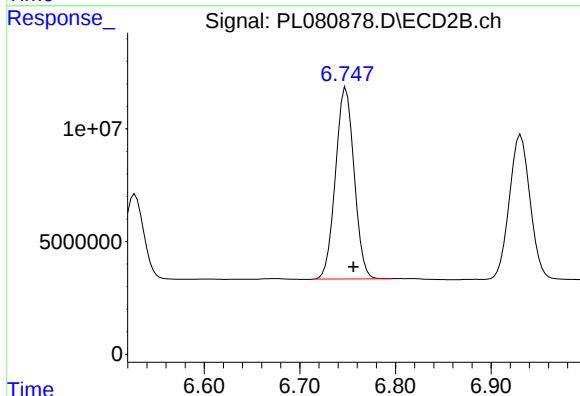
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 108788292
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

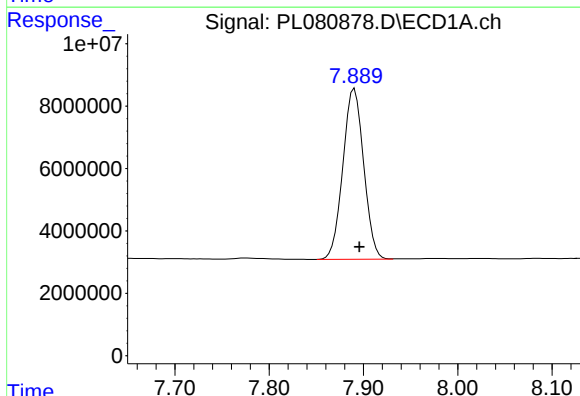
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023



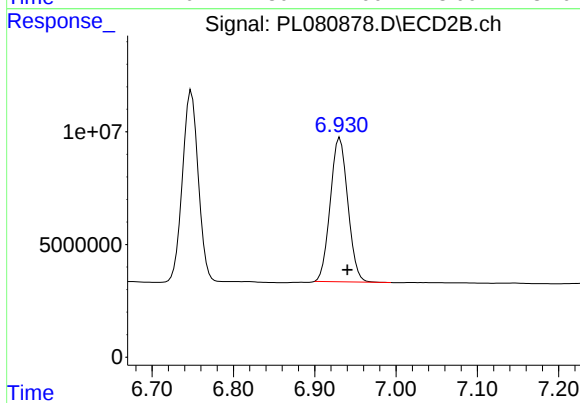
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 115049969
Conc: 45.06 ng/ml



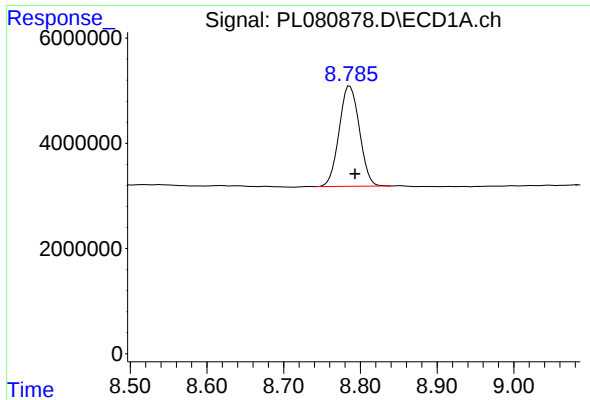
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 83949781
Conc: 48.81 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.009 min
Response: 96211330
Conc: 42.26 ng/ml



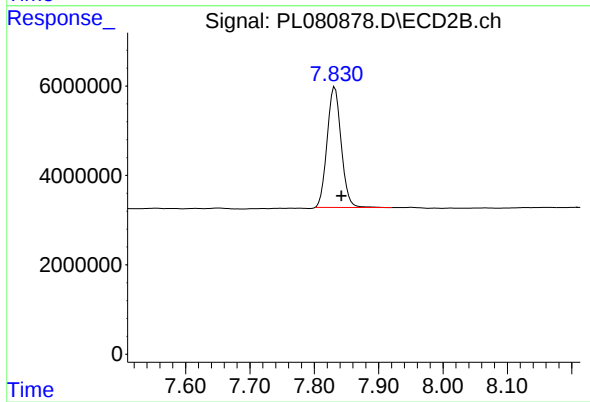
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 35223043
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
EA-FILTERBAGS-0208MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 40938030
Conc: 17.18 ng/ml