

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 19:58
 Operator : AR\AJ
 Sample : 02845-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:03:38 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	2.638	37600687	33906659	12.794	13.061
28) SA Decachlor...	8.731	7.743	26983659	31722114	12.866	12.758
Target Compounds						
2) A alpha-BHC	3.765	3.135	166.1E6	138.3E6	37.417	37.056
3) MA gamma-BHC...	4.094	3.461	160.2E6	134.7E6	38.657	40.421
4) MA Heptachlor	4.671	3.792	144.6E6	136.0E6	37.829	37.158
5) MB Aldrin	5.008	4.068	141.2E6	127.9E6	40.121	39.299
6) B beta-BHC	4.297	3.761	69606592	54666796	36.971	38.226
7) B delta-BHC	4.538	3.986	139.9E6	122.8E6	40.667	37.486
8) B Heptachlo...	5.434	4.569	125.6E6	117.6E6	39.252	39.633
9) A Endosulfan I	5.814	4.936	113.7E6	106.7E6	37.880	38.180
10) B gamma-Chl...	5.688	4.818	124.2E6	116.3E6	39.102	38.719
11) B alpha-Chl...	5.766	4.880	122.8E6	116.8E6	38.259	38.904
12) B 4,4'-DDE	5.944	5.071	106.6E6	96830563	38.689	39.868
13) MA Dieldrin	6.089	5.200	119.3E6	114.4E6	39.665	40.537
14) MA Endrin	6.316	5.474	103.8E6	100.2E6	38.637	39.502
15) B Endosulfa...	6.538	5.770	100.4E6	98898684	36.828	39.972
16) A 4,4'-DDD	6.460	5.625	85097712	75883132	39.160	39.456
17) MA 4,4'-DDT	6.771	5.873	91232345	90600518	36.447	40.609
18) B Endrin al...	6.668	5.950	79940518	82544645	39.759	41.743
19) B Endosulfa...	6.902	6.172	98294886	74325155	38.341	30.349m
20) A Methoxychlor	7.252	6.452	52153033	51700644	39.439	40.653
21) B Endrin ke...	7.382	6.677	103.5E6	109.1E6	40.580	40.345
22) Mirex	7.845	6.848	78976355	93013055	37.679	39.752

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082832.D
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 Acq On : 19 May 2023 19:58
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 Sample : 02845-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

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Manual Integrations

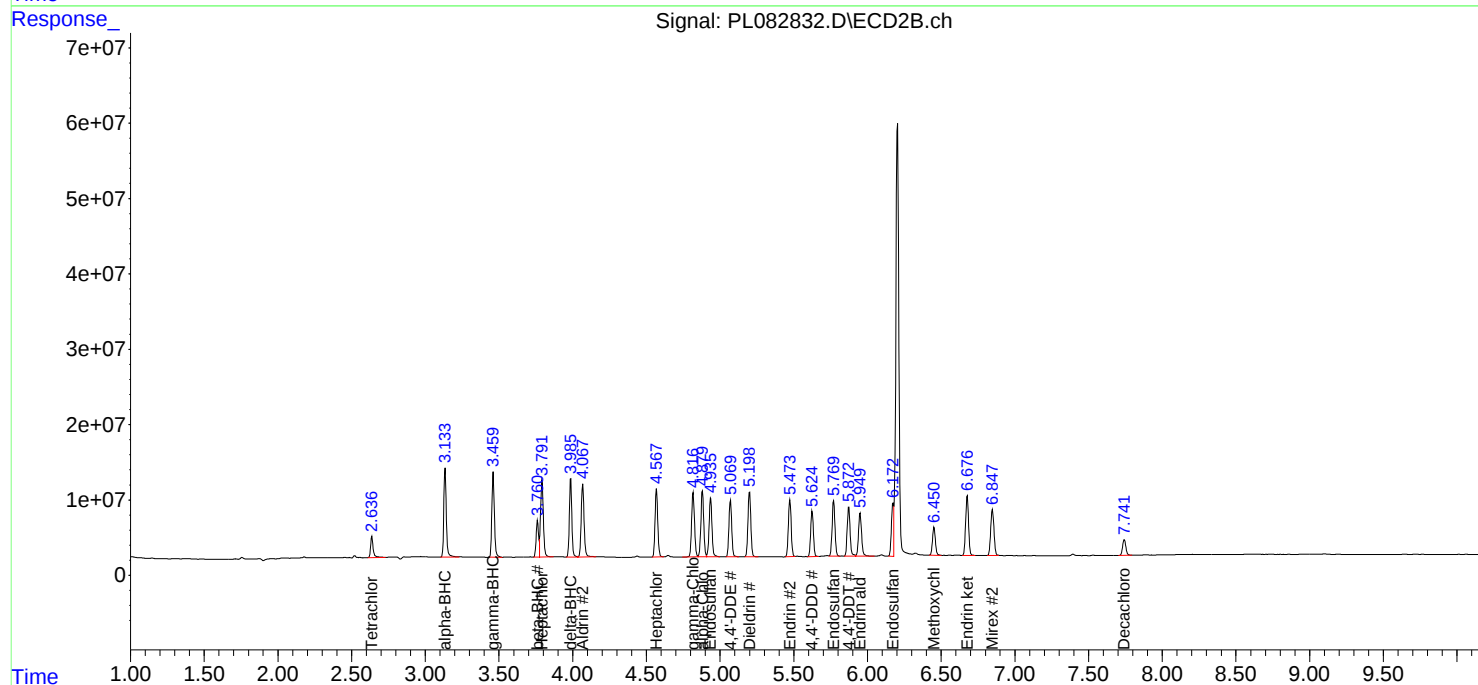
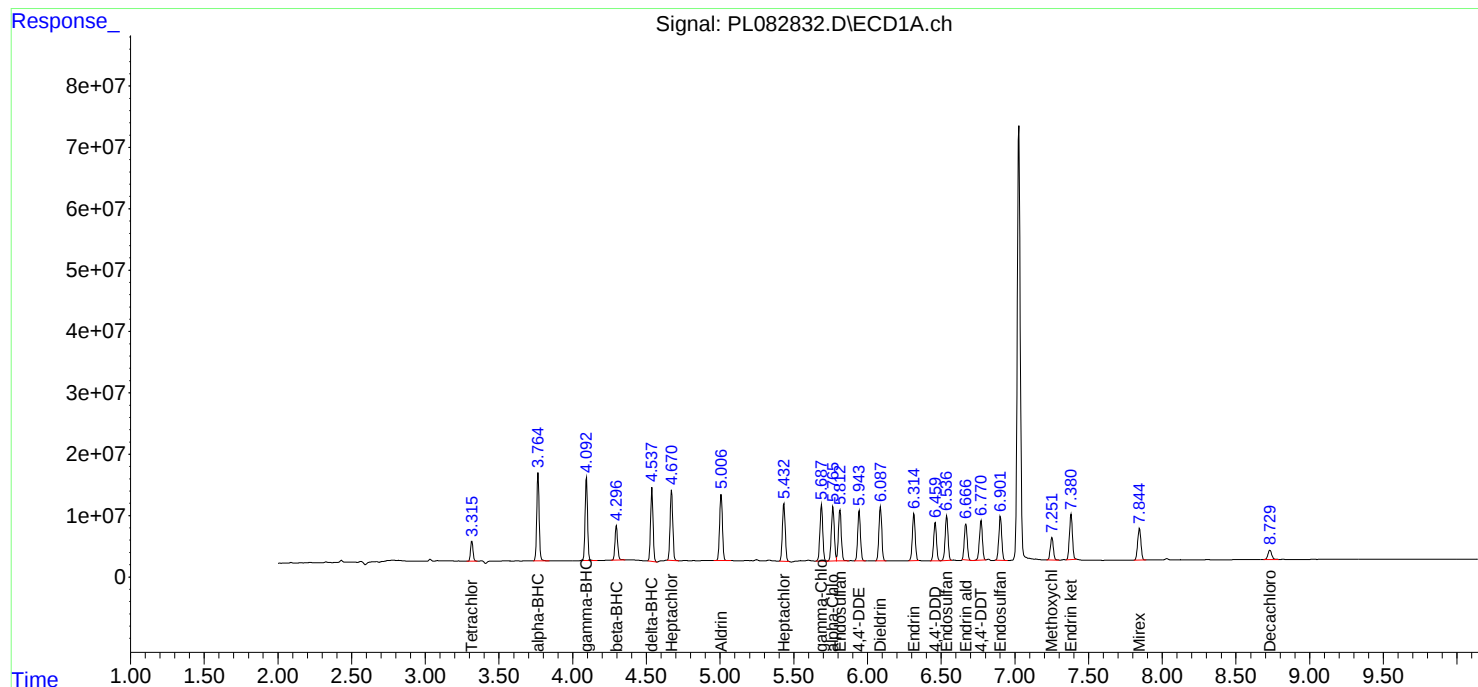
APPROVED

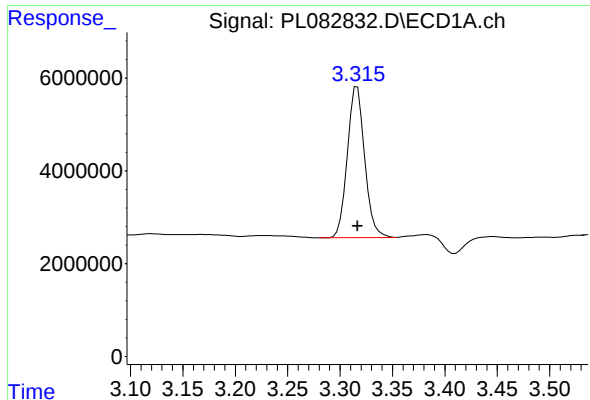
Reviewed By :Abdul Mirza 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:03:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
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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





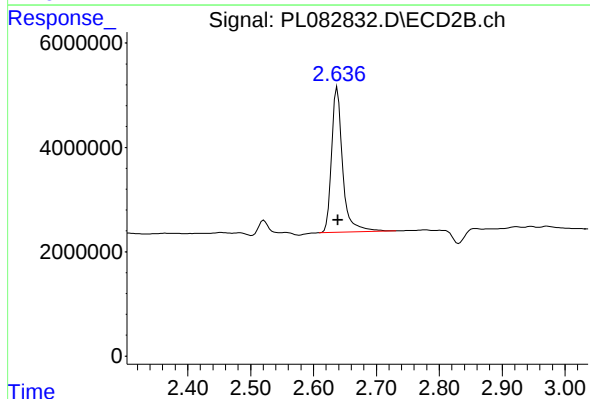
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 37600687
Conc: 12.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

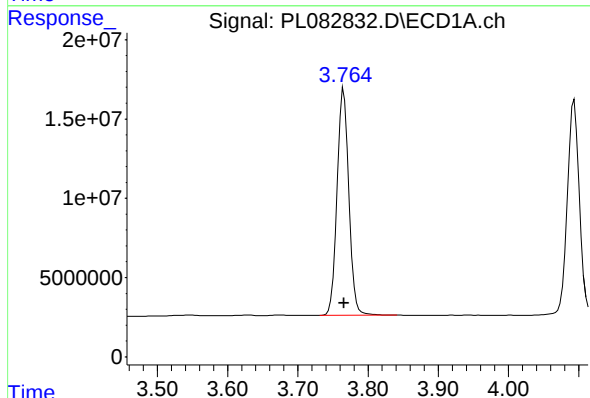
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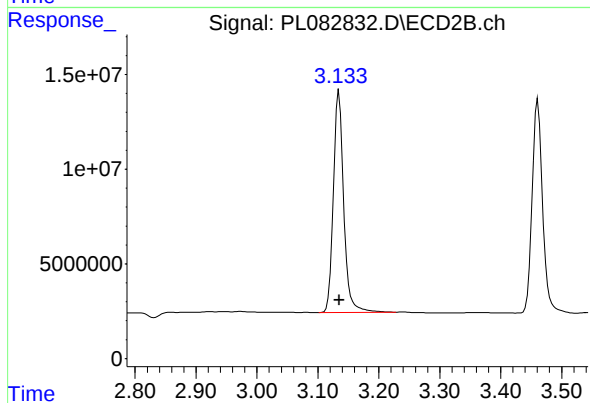
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 33906659
Conc: 13.06 ng/ml



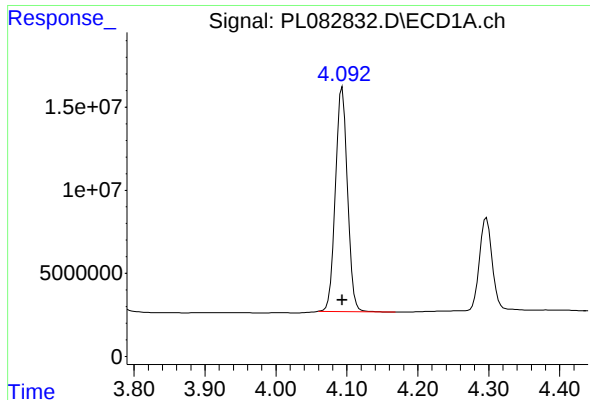
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 166101759
Conc: 37.42 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 138272443
Conc: 37.06 ng/ml



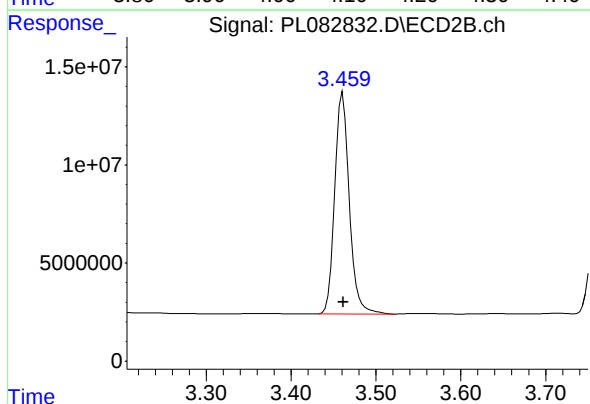
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: 0.000 min
Response: 160151812
Conc: 38.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

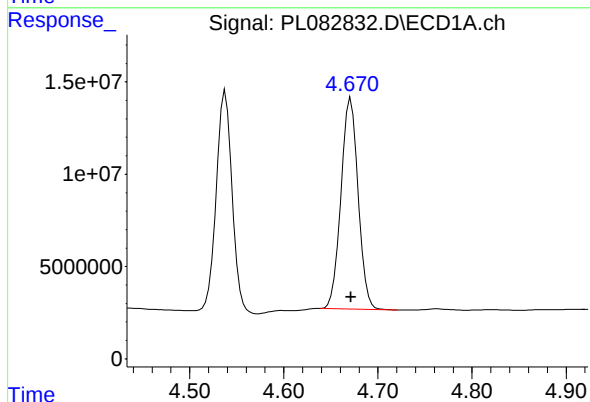
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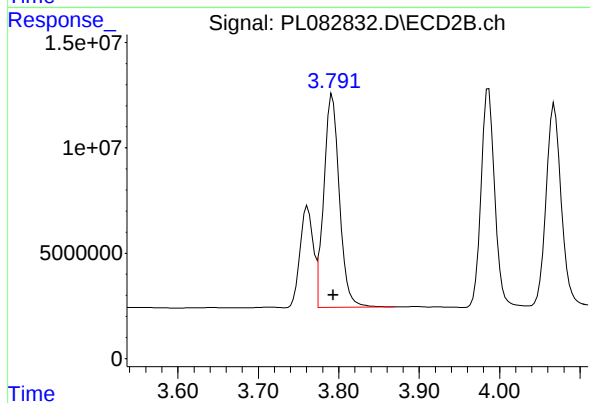
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.001 min
Response: 134734238
Conc: 40.42 ng/ml



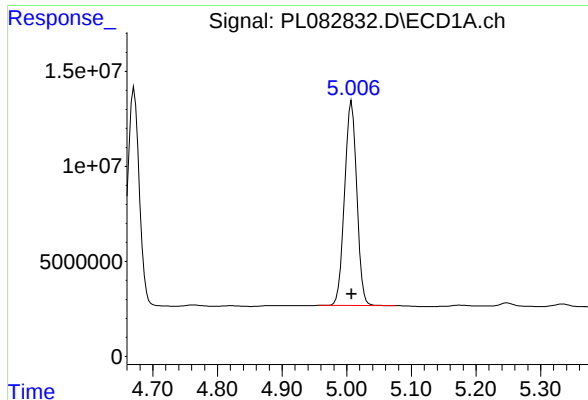
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 144598304
Conc: 37.83 ng/ml



#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 136040124
Conc: 37.16 ng/ml



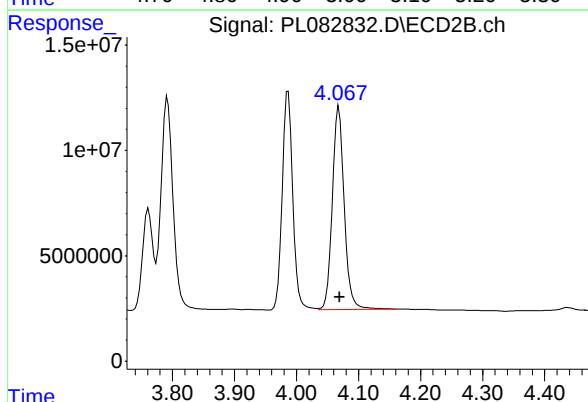
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 141150554
Conc: 40.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

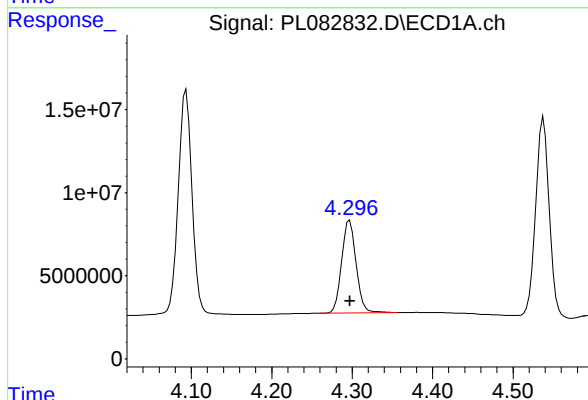
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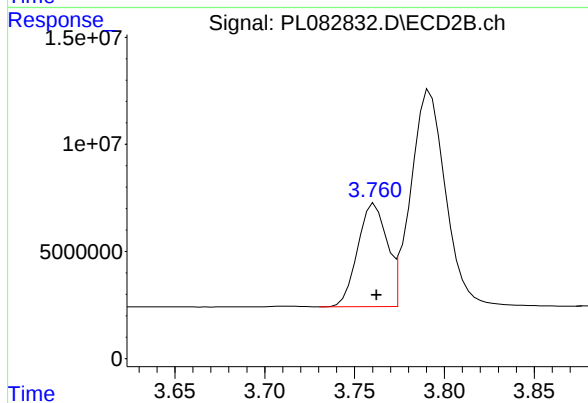
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 127863828
Conc: 39.30 ng/ml



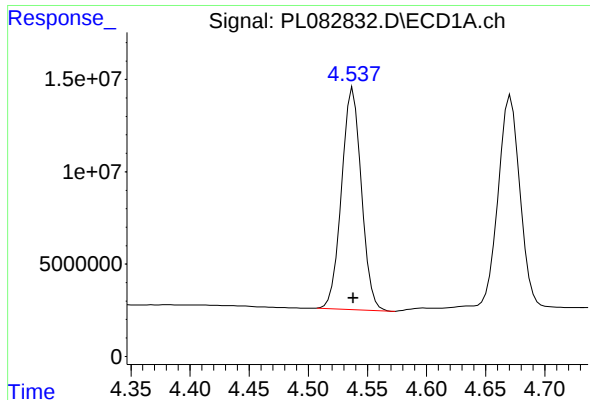
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 69606592
Conc: 36.97 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 54666796
Conc: 38.23 ng/ml



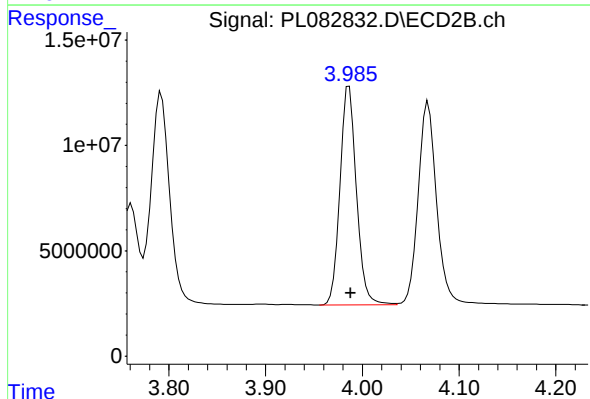
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 139850763
Conc: 40.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

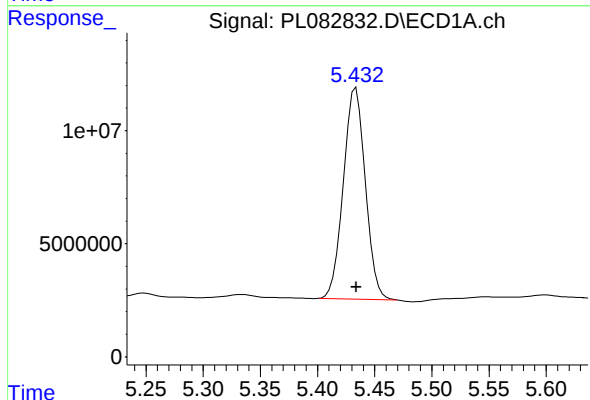
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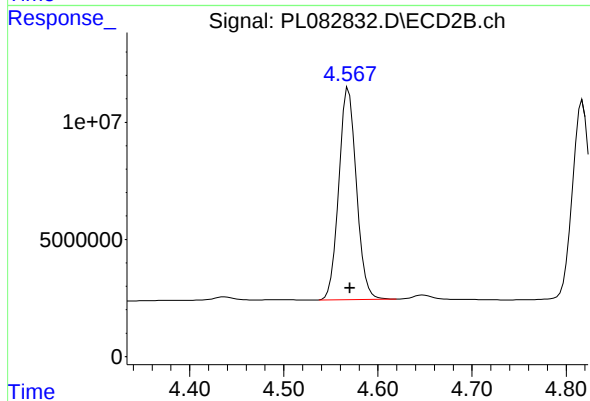
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 122819886
Conc: 37.49 ng/ml



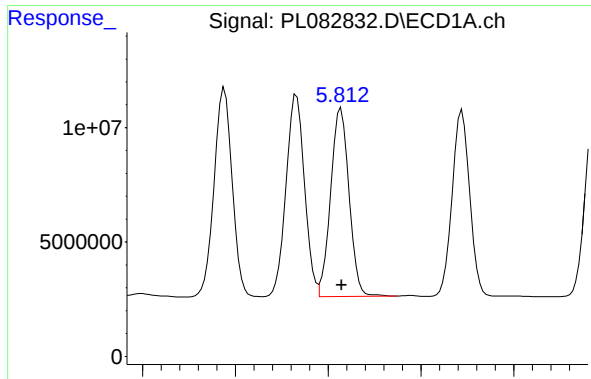
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 125557173
Conc: 39.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 117627640
Conc: 39.63 ng/ml



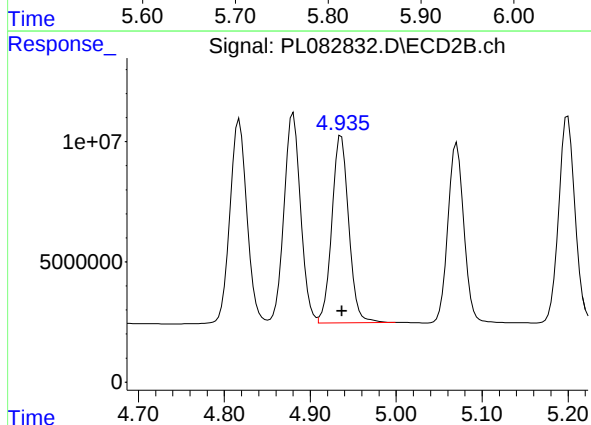
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 113663426
Conc: 37.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

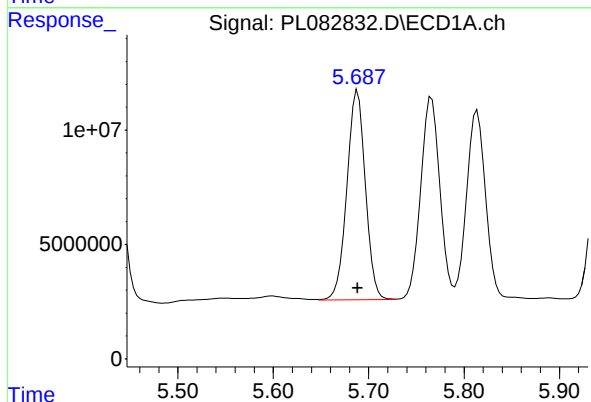
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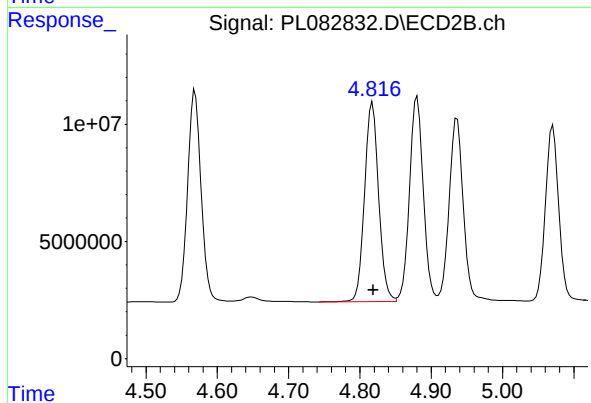
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 106690332
Conc: 38.18 ng/ml



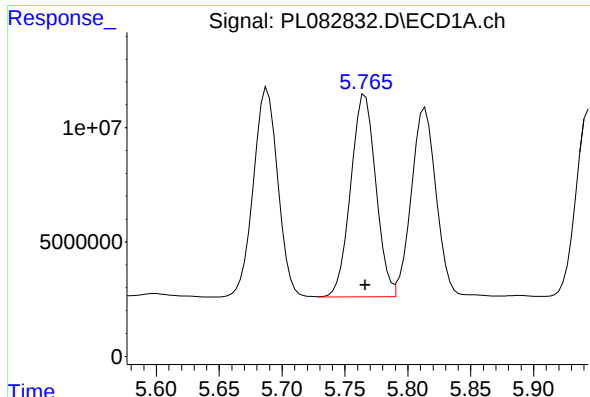
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 124225088
Conc: 39.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 116286901
Conc: 38.72 ng/ml



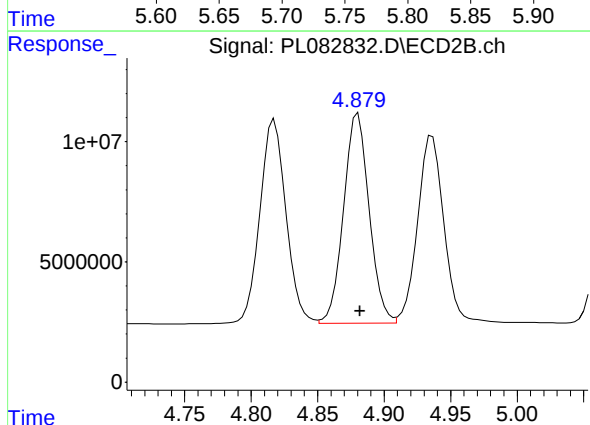
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 122784997
Conc: 38.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

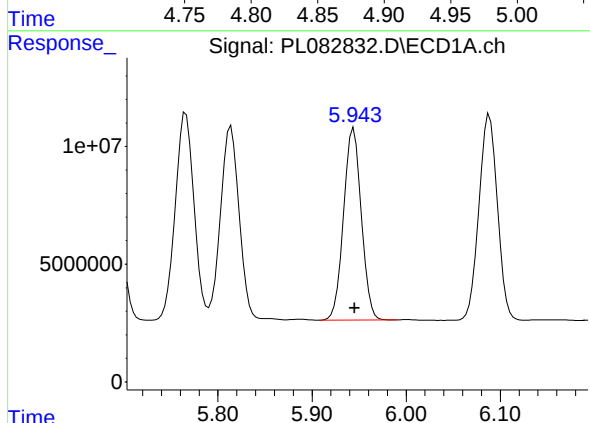
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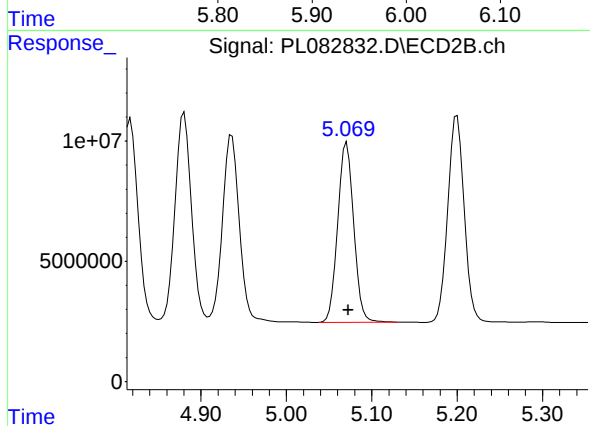
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 116787451
Conc: 38.90 ng/ml



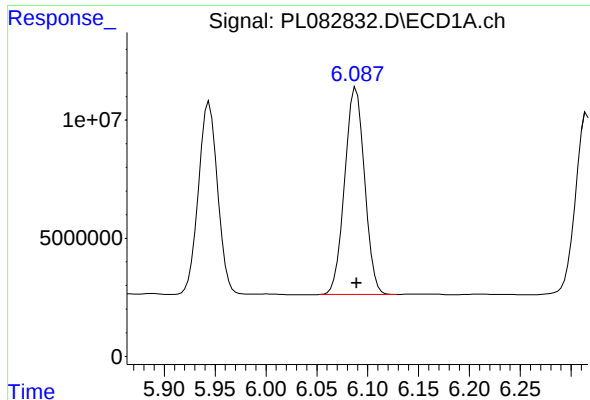
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 106646345
Conc: 38.69 ng/ml



#12 4,4'-DDE

R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 96830563
Conc: 39.87 ng/ml



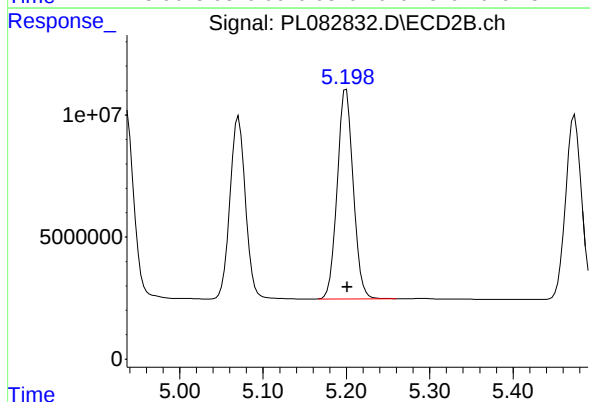
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 119306571
Conc: 39.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

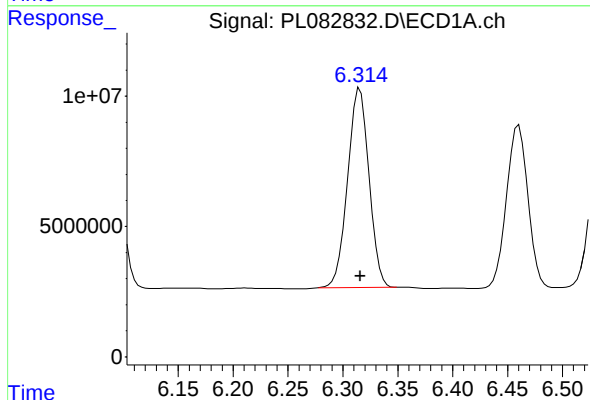
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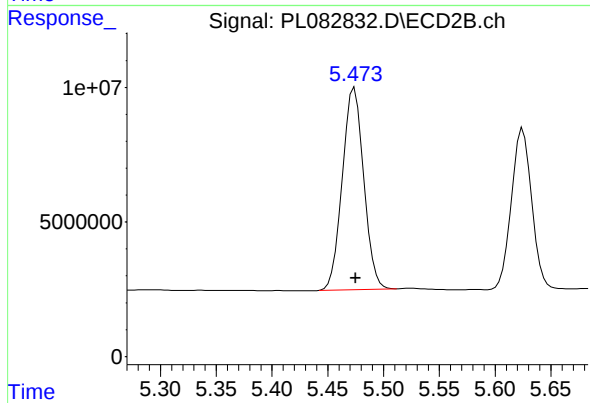
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 114433059
Conc: 40.54 ng/ml



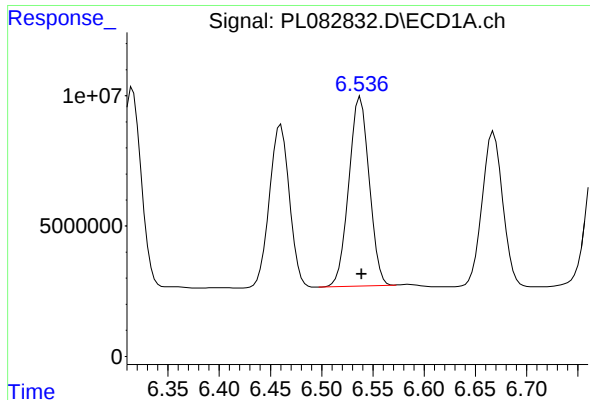
#14 Endrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 103826073
Conc: 38.64 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: -0.001 min
Response: 100215767
Conc: 39.50 ng/ml



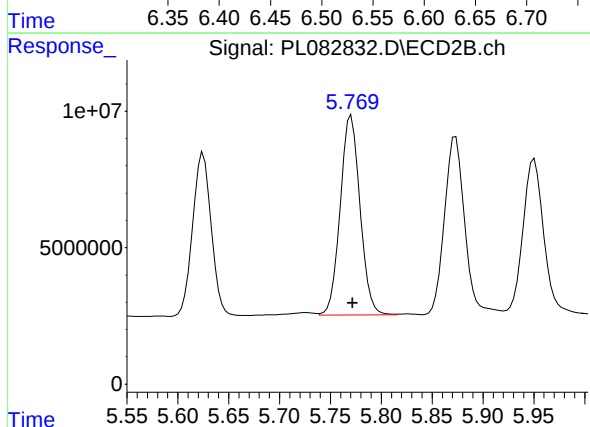
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 100357897
Conc: 36.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

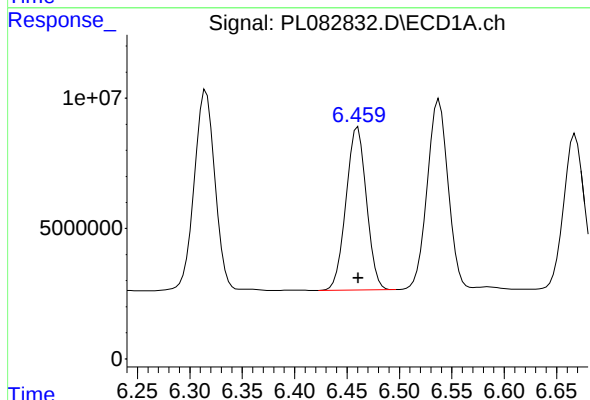
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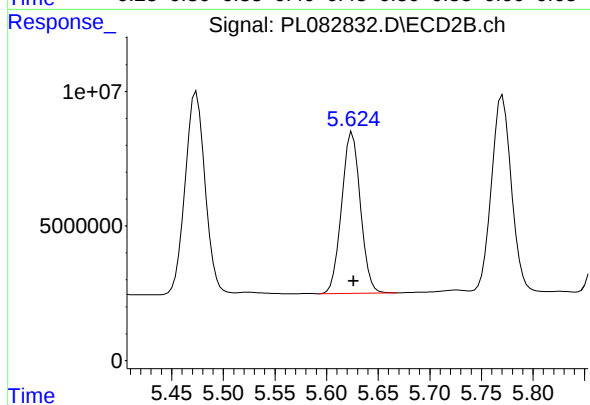
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 98898684
Conc: 39.97 ng/ml



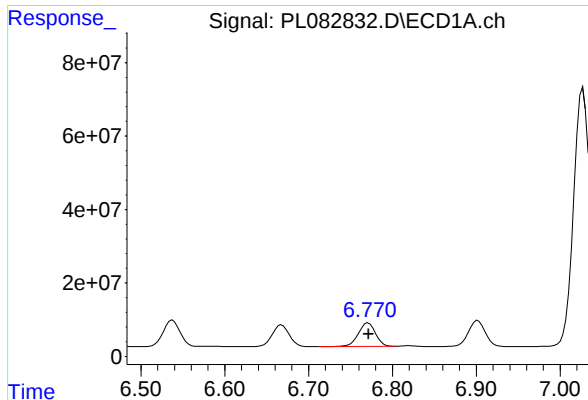
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 85097712
Conc: 39.16 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 75883132
Conc: 39.46 ng/ml



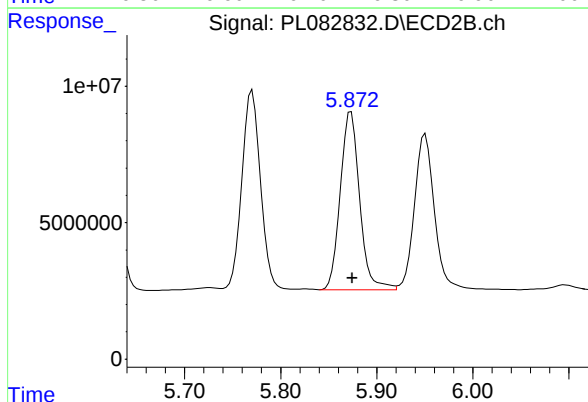
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 91232345
Conc: 36.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

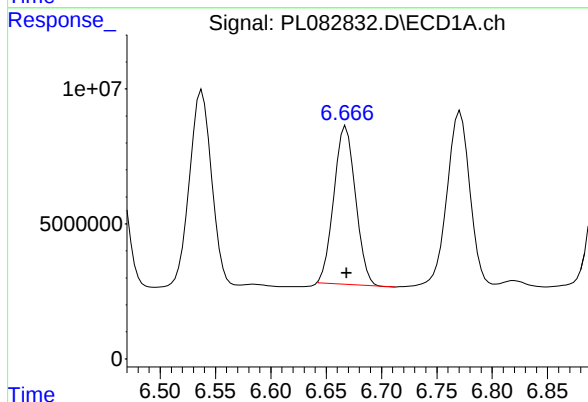
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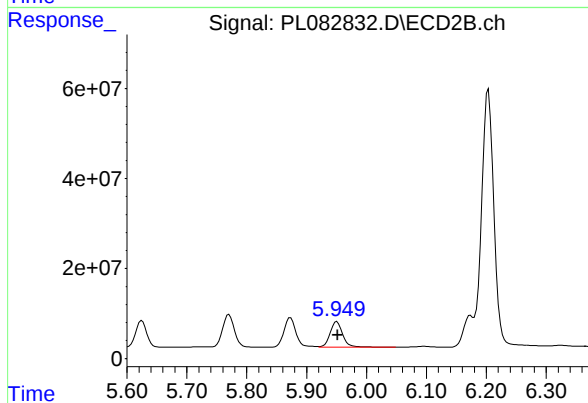
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 90600518
Conc: 40.61 ng/ml



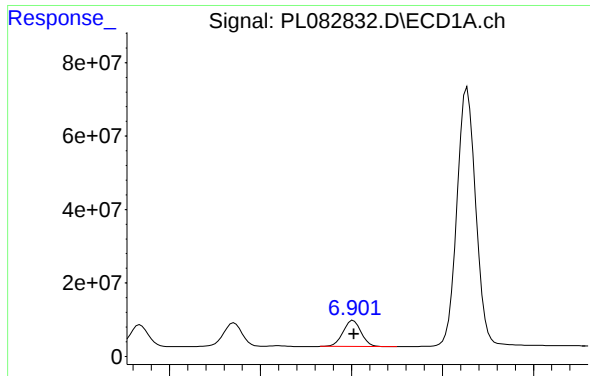
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 79940518
Conc: 39.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 82544645
Conc: 41.74 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 98294886
Conc: 38.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

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#19 Endosulfan Sulfate

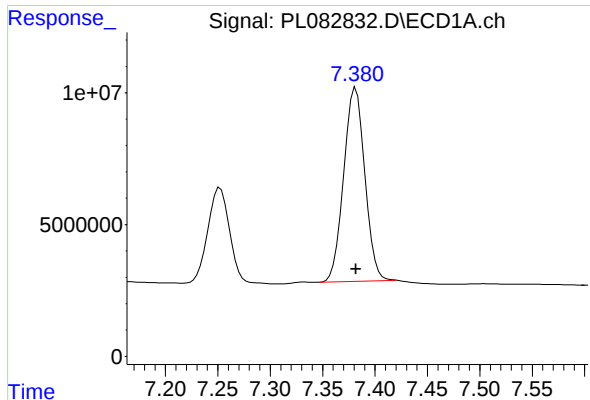
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 74325155
Conc: 30.35 ng/ml m

#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 52153033
Conc: 39.44 ng/ml

#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 51700644
Conc: 40.65 ng/ml



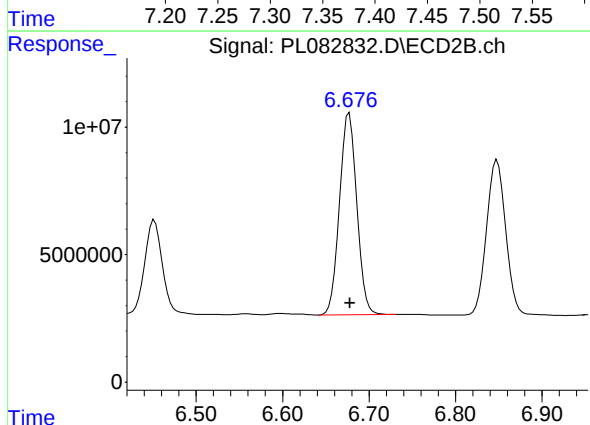
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 103512080
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
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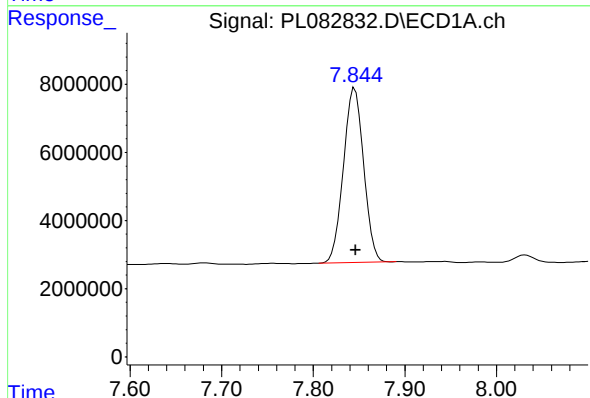
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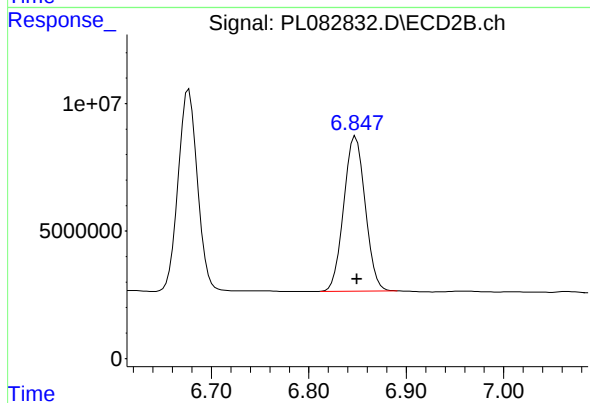
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 109087508
Conc: 40.35 ng/ml



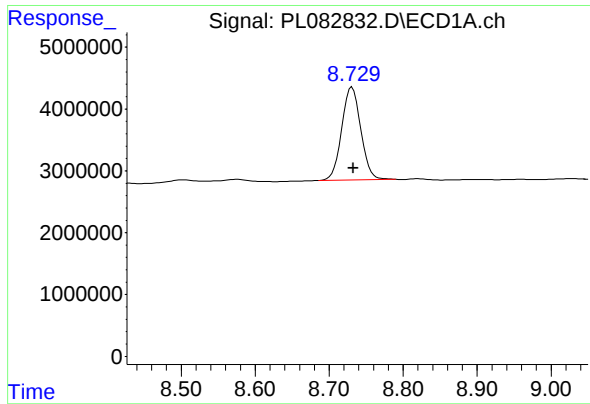
#22 Mirex

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 78976355
Conc: 37.68 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.001 min
Response: 93013055
Conc: 39.75 ng/ml



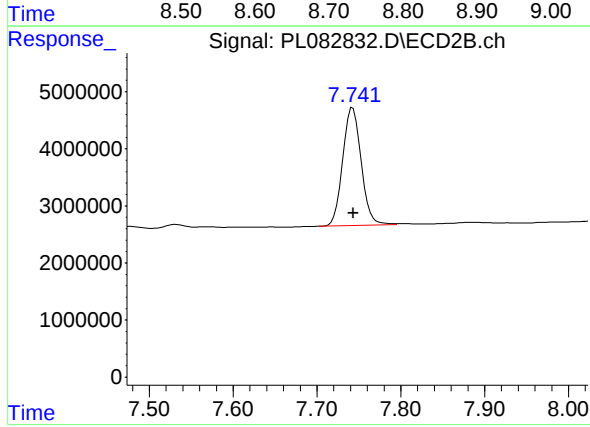
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 26983659
Conc: 12.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/22/2023
Supervised By :Ankita Jodhani 05/22/2023



#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 31722114
Conc: 12.76 ng/ml