

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
 Data File : PL082422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2023 18:10
 Operator : AR\AJ
 Sample : 02558-03MSD 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-SS011-0006-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2023
 Supervised By : Ankita Jodhani 05/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 21:35:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.644	2700066	3277372	1.011m	1.415m#
28) SA Decachlor...	8.745	7.758	2443419	2687589	1.280	1.177
Target Compounds						
2) A alpha-BHC	3.771	3.142	15601785	11194763	3.920	3.289
3) MA gamma-BHC...	4.100	3.468	16835974	12353401	4.503	3.842m
4) MA Heptachlor	4.676	3.802	15182922	13791247	4.155m	4.029
5) MB Aldrin	5.014	4.078	15598211	13400189	4.730	4.254
6) B beta-BHC	4.302	3.770	8084290	7711635	4.740m	5.652
7) B delta-BHC	4.543	3.996	11716807	10455257	3.257m	3.409
8) B Heptachlo...	5.440	4.580	13846951	12866919	4.539m	4.466
9) A Endosulfan I	5.821	4.947	12403771	11710658	4.473m	4.387
10) B gamma-Chl...	5.695	4.827	14857055	14026603	4.941m	4.834m
11) B alpha-Chl...	5.772	4.890	14172830	12929116	4.749m	4.454m
12) B 4,4'-DDE	5.952	5.082	11386692	9375820	4.479	4.078
13) MA Dieldrin	6.097	5.211	14781163	12464578	5.357	4.616
14) MA Endrin	6.324	5.486	11146144	9998018	4.597	4.088
15) B Endosulfa...	6.546	5.781	11892752	9727881	4.885	4.316m
16) A 4,4'-DDD	6.468	5.637	9612035	7762011	4.742	4.150
17) MA 4,4'-DDT	6.780	5.885	9350338	8600472	4.087	4.071
18) B Endrin al...	6.677	5.964	9383354	8509122	4.980	4.547
19) B Endosulfa...	6.912	6.186	11493095	10321261	4.846	4.384
20) A Methoxychlor	7.261	6.465	5814570	5054201	4.765	4.171
21) B Endrin ke...	7.391	6.691	11132730	11567407	4.649	4.557
22) Mirex	7.856	6.863	10368627	10562619	5.300	4.584

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
Data File : PL082422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2023 18:10
Operator : AR\AJ
Sample : 02558-03MSD 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

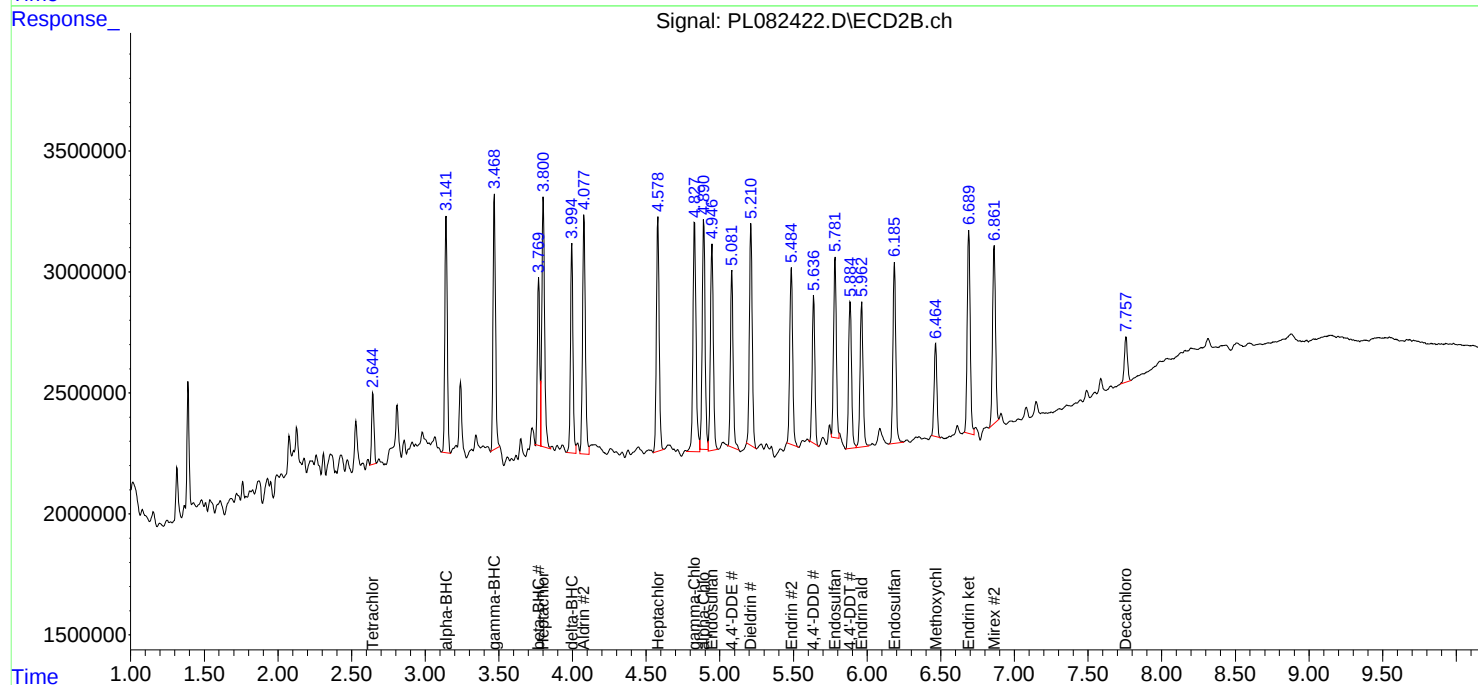
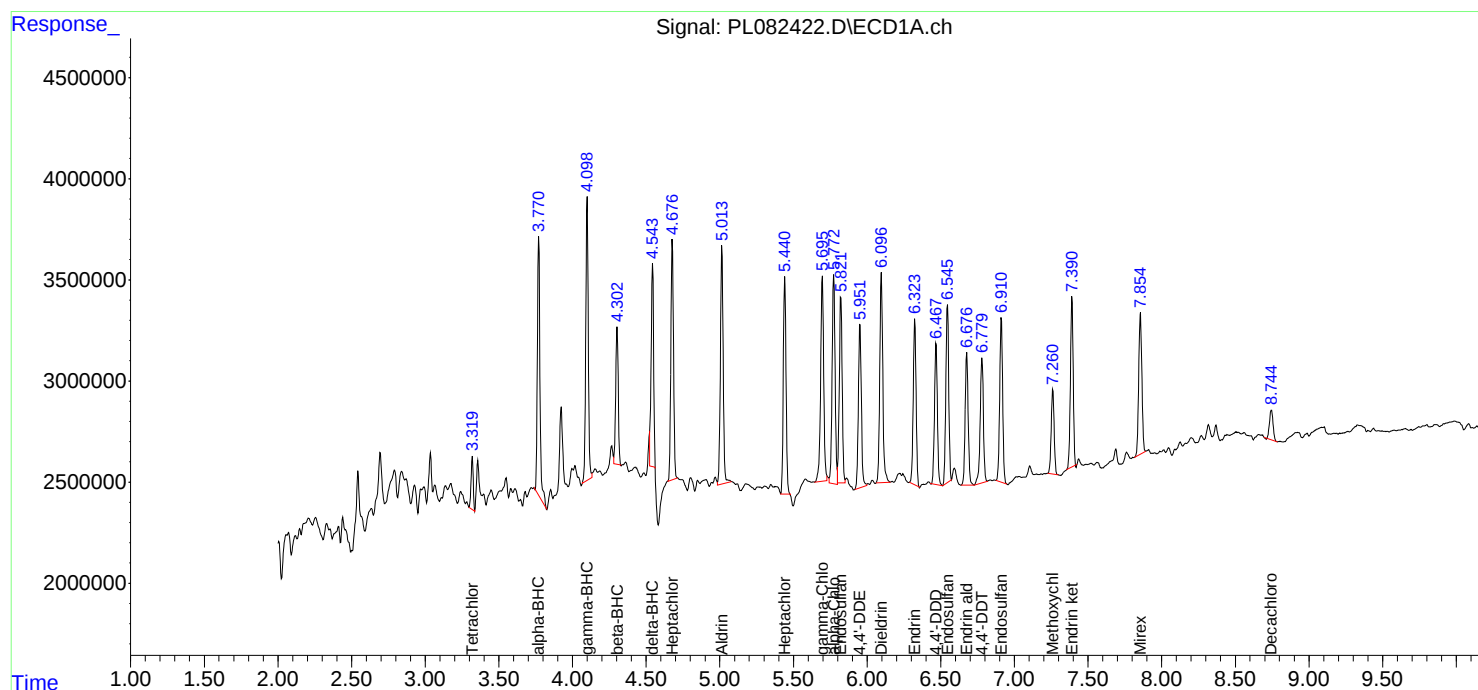
Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

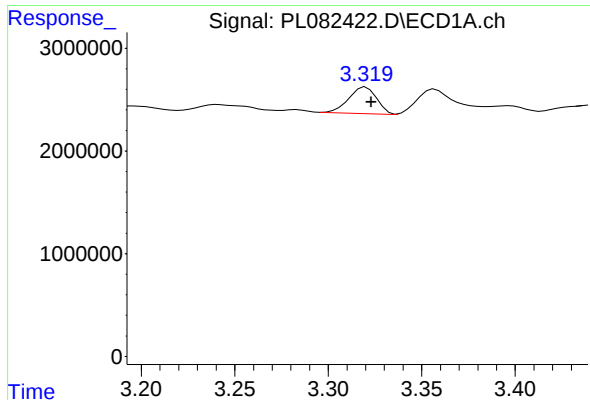
Manual Integrations
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Reviewed By :Abdul Mirza 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 21:35:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





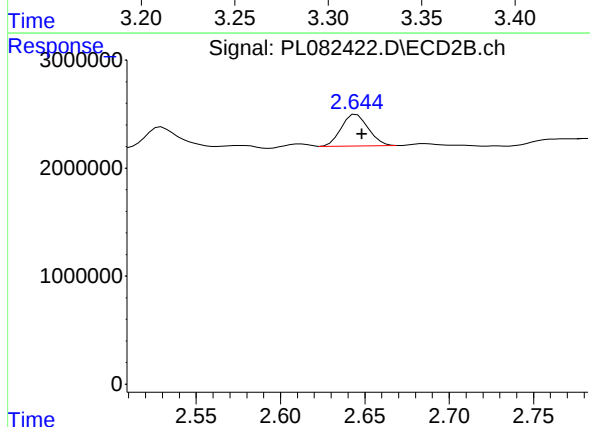
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 2700066
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

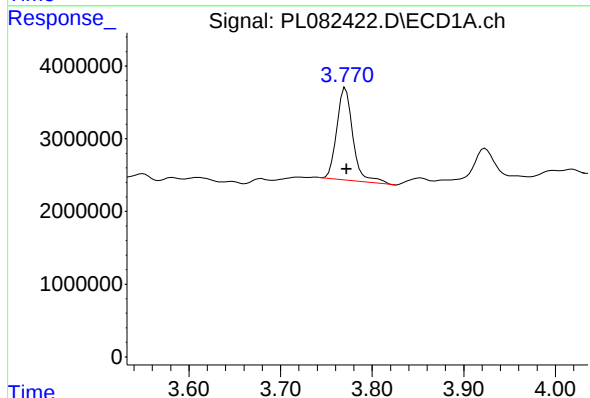
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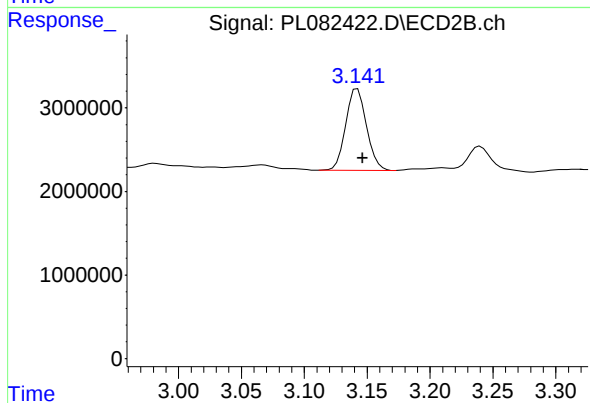
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.005 min
Response: 3277372
Conc: 1.41 ng/ml



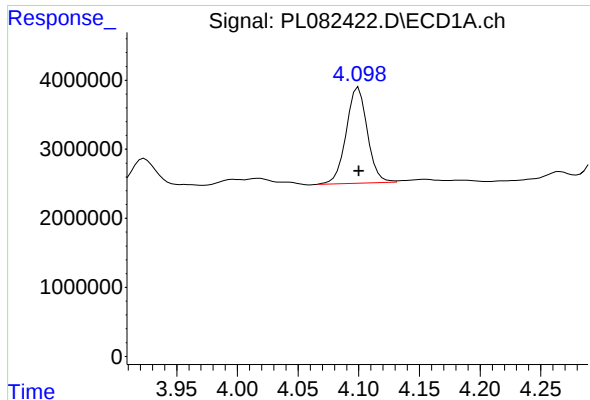
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 15601785
Conc: 3.92 ng/ml



#2 alpha-BHC

R.T.: 3.142 min
Delta R.T.: -0.004 min
Response: 11194763
Conc: 3.29 ng/ml



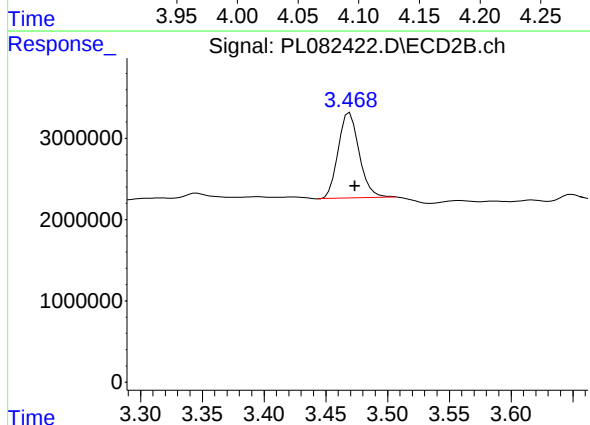
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 16835974
Conc: 4.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

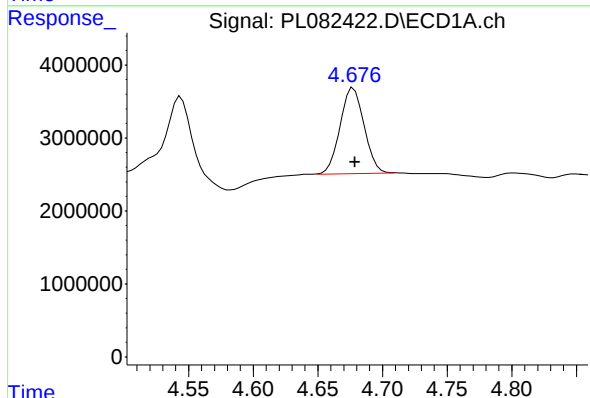
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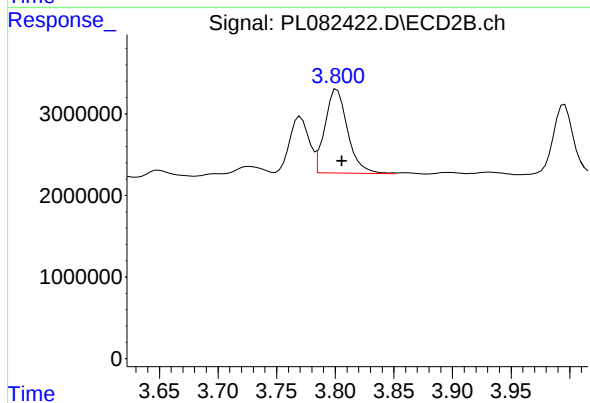
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 12353401
Conc: 3.84 ng/ml m



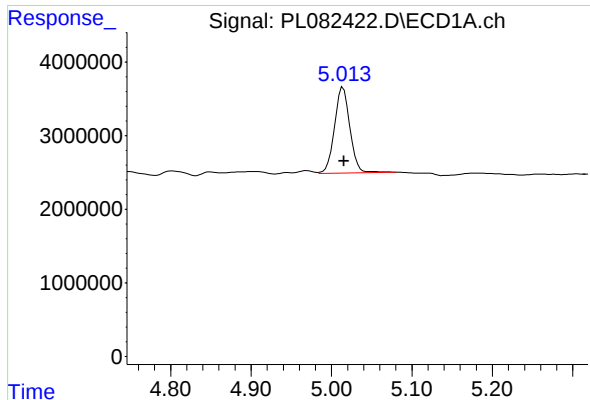
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 15182922
Conc: 4.16 ng/ml m



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 13791247
Conc: 4.03 ng/ml



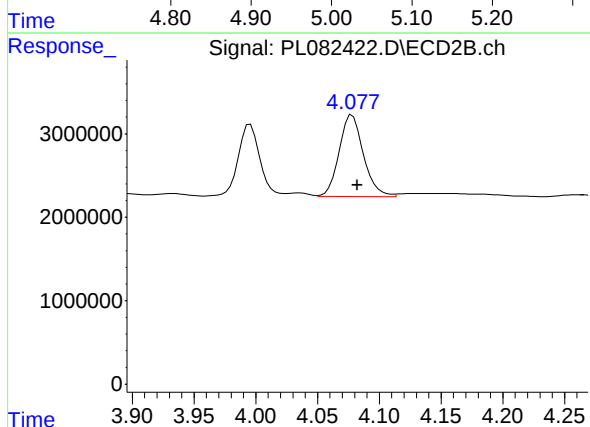
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.001 min
Response: 15598211
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

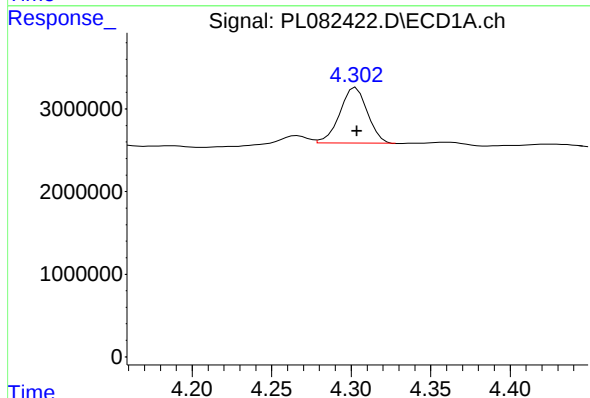
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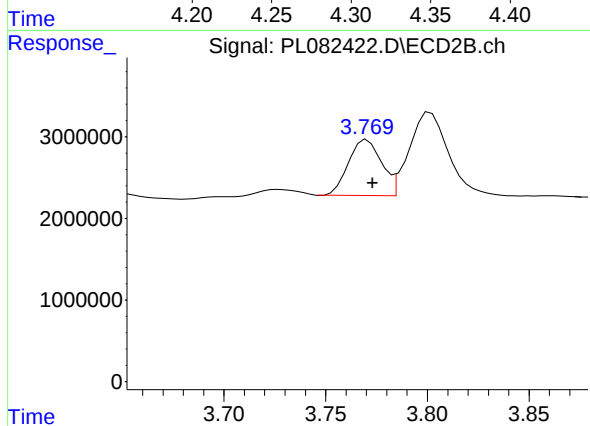
#5 Aldrin

R.T.: 4.078 min
Delta R.T.: -0.004 min
Response: 13400189
Conc: 4.25 ng/ml



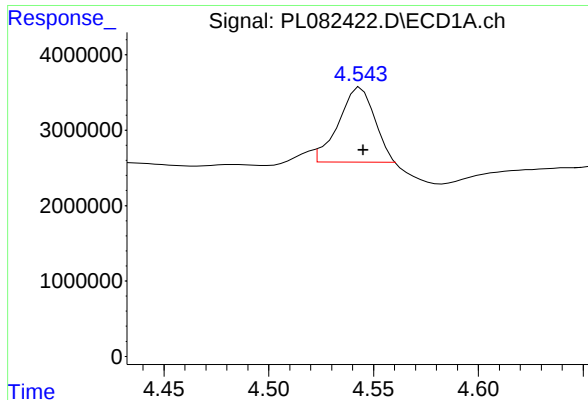
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 8084290
Conc: 4.74 ng/ml m



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 7711635
Conc: 5.65 ng/ml



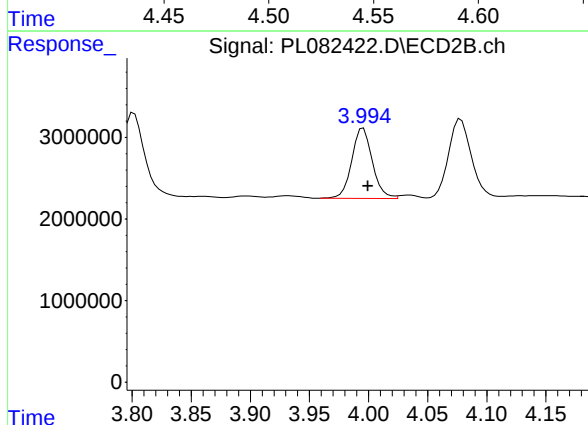
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 11716807
Conc: 3.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

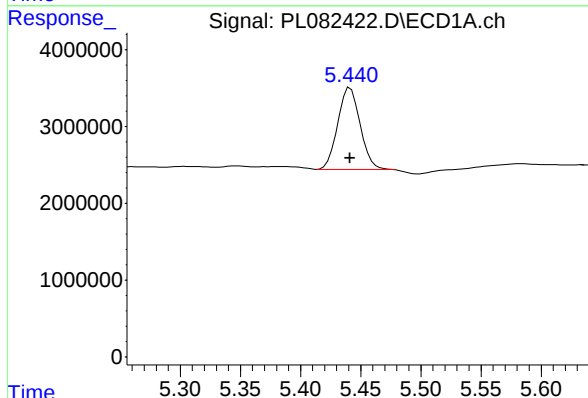
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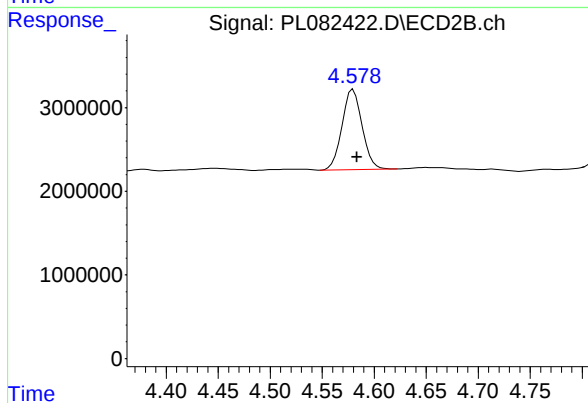
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 10455257
Conc: 3.41 ng/ml



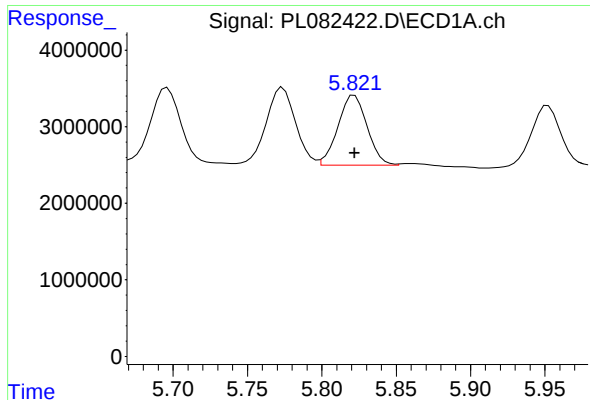
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 13846951
Conc: 4.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 12866919
Conc: 4.47 ng/ml



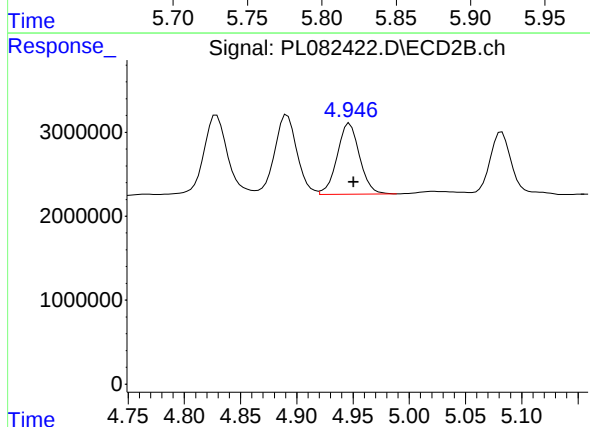
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 12403771
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

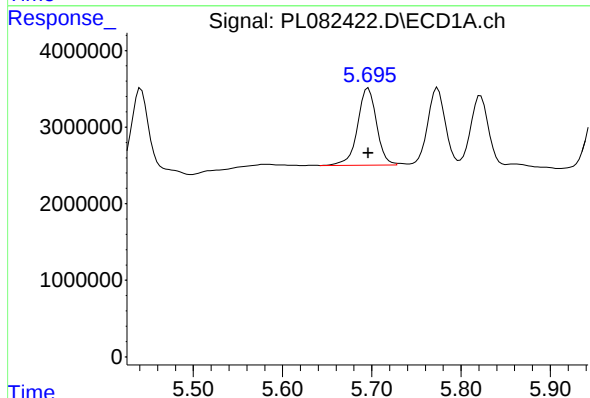
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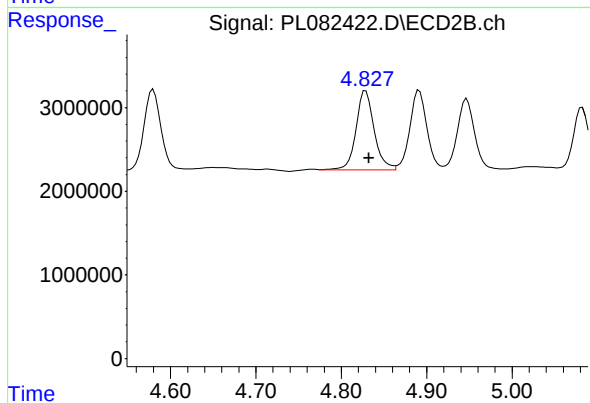
#9 Endosulfan I

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 11710658
Conc: 4.39 ng/ml



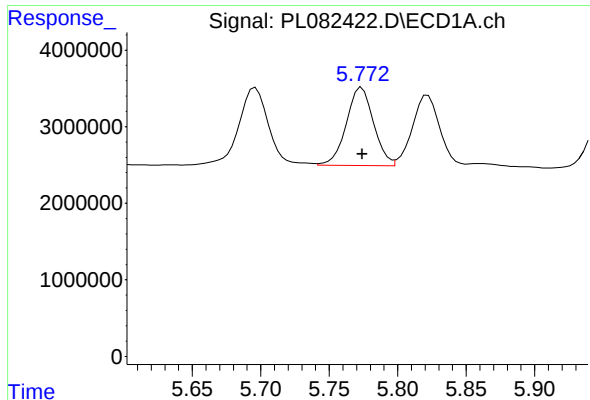
#10 gamma-Chlordane

R.T.: 5.695 min
Delta R.T.: -0.001 min
Response: 14857055
Conc: 4.94 ng/ml m



#10 gamma-Chlordane

R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 14026603
Conc: 4.83 ng/ml m



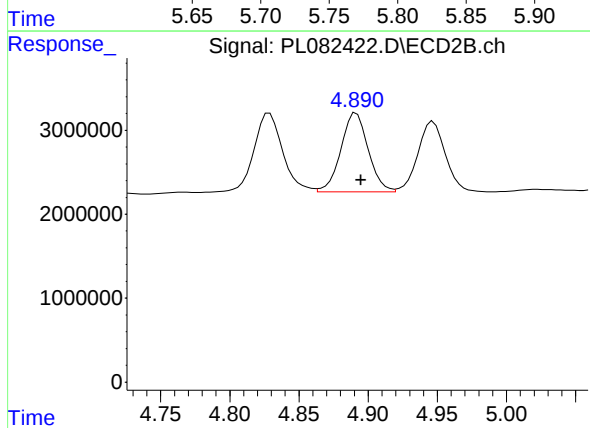
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 14172830
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

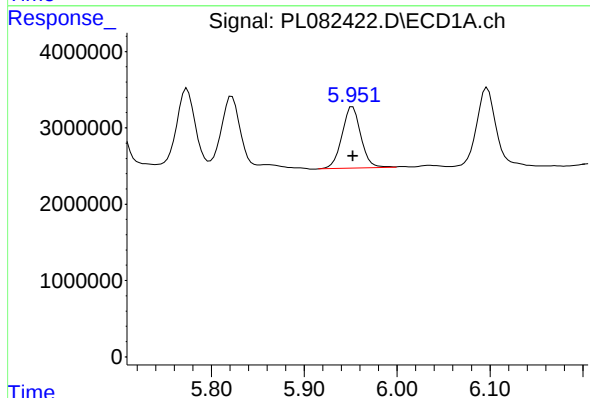
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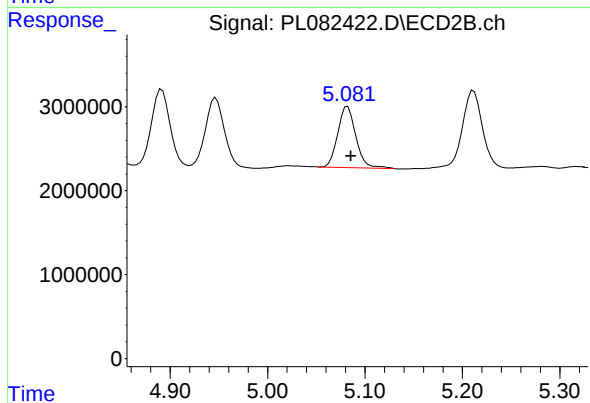
#11 alpha-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 12929116
Conc: 4.45 ng/ml



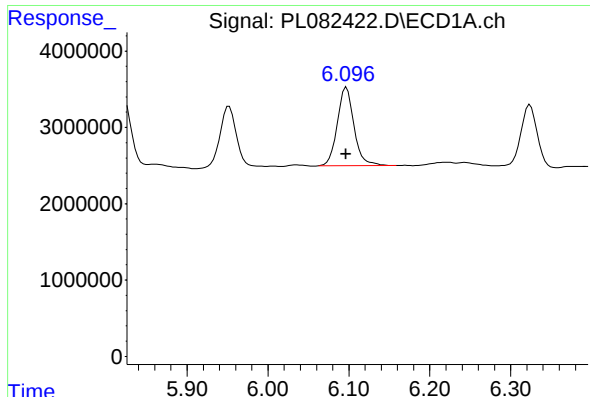
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 11386692
Conc: 4.48 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 9375820
Conc: 4.08 ng/ml



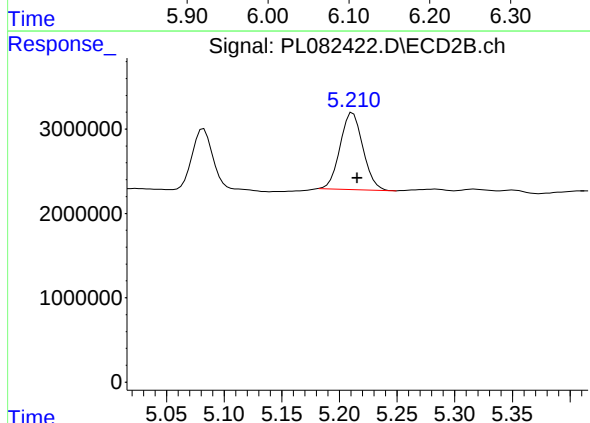
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 14781163
Conc: 5.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

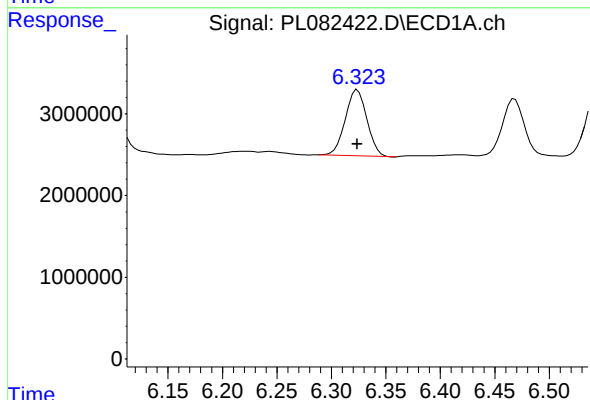
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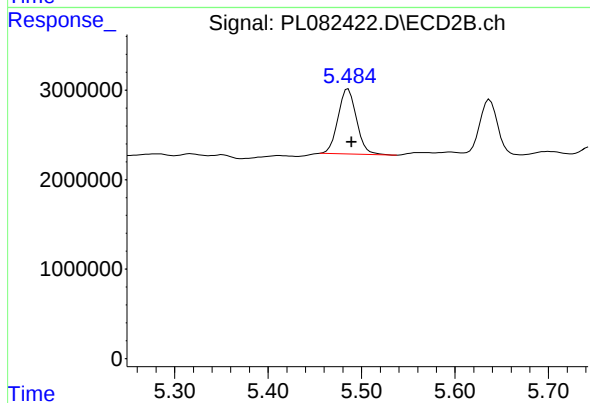
#13 Dieldrin

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 12464578
Conc: 4.62 ng/ml



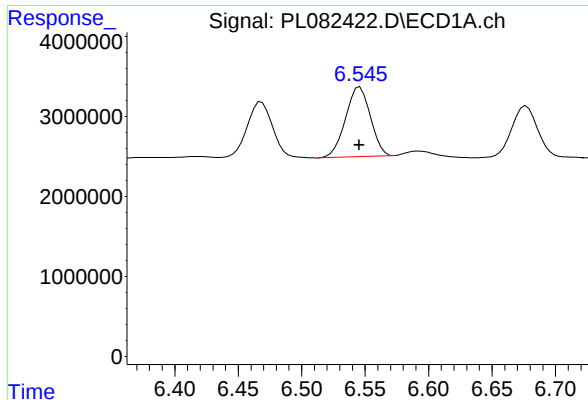
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 11146144
Conc: 4.60 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 9998018
Conc: 4.09 ng/ml



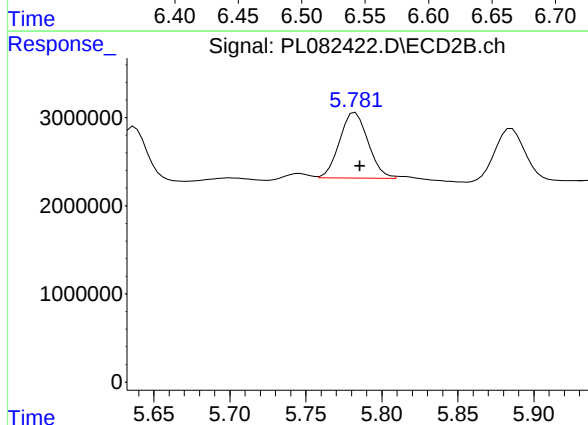
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 11892752
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

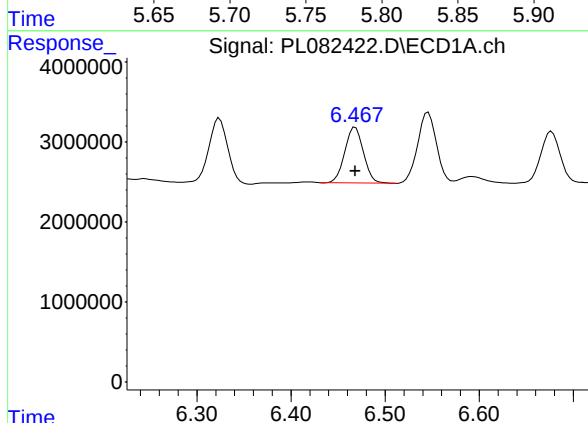
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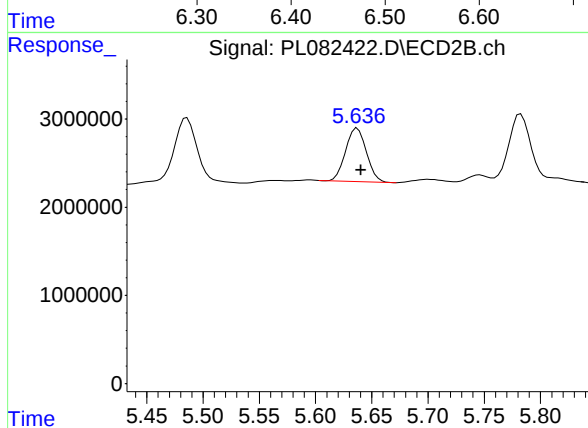
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 9727881
Conc: 4.32 ng/ml m



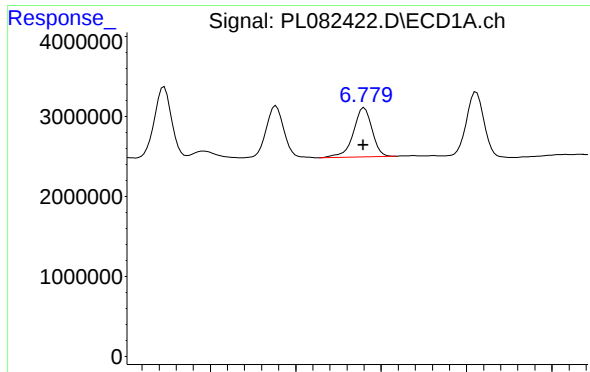
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 9612035
Conc: 4.74 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 7762011
Conc: 4.15 ng/ml



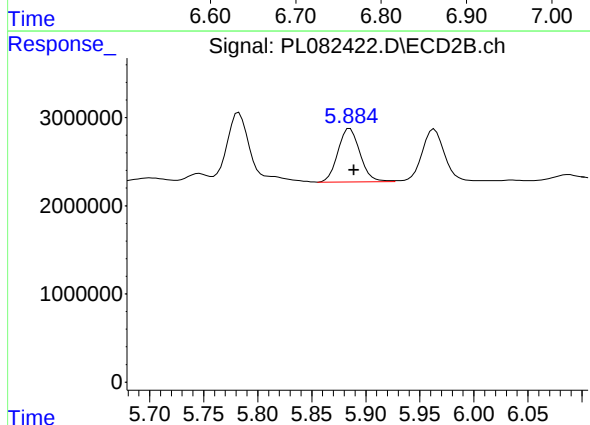
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 9350338
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

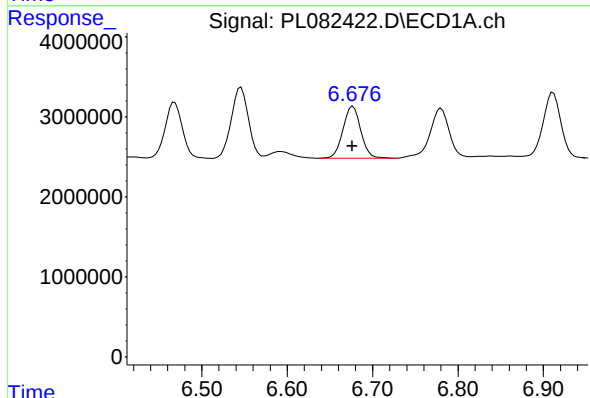
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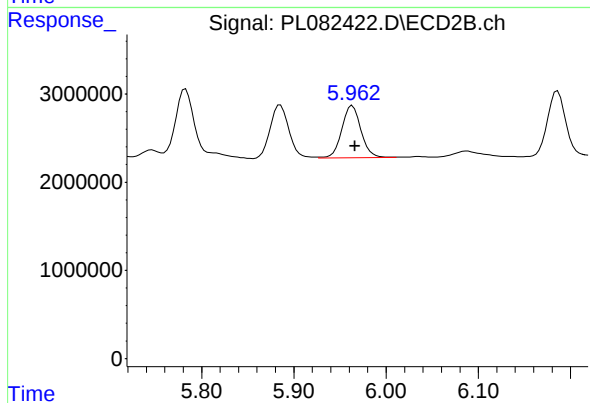
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 8600472
Conc: 4.07 ng/ml



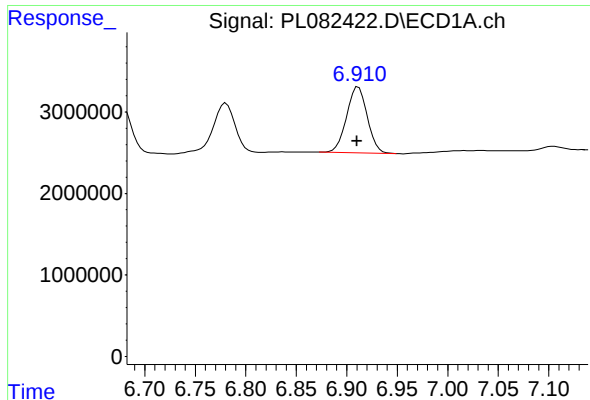
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 9383354
Conc: 4.98 ng/ml



#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 8509122
Conc: 4.55 ng/ml



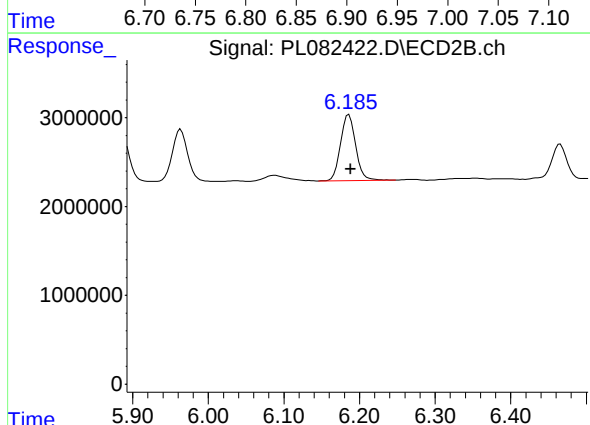
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.001 min
Response: 11493095
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

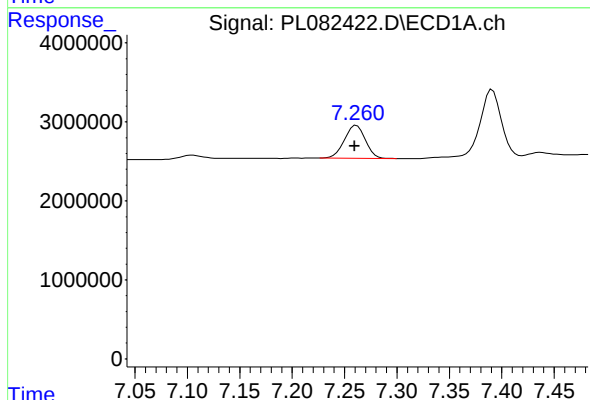
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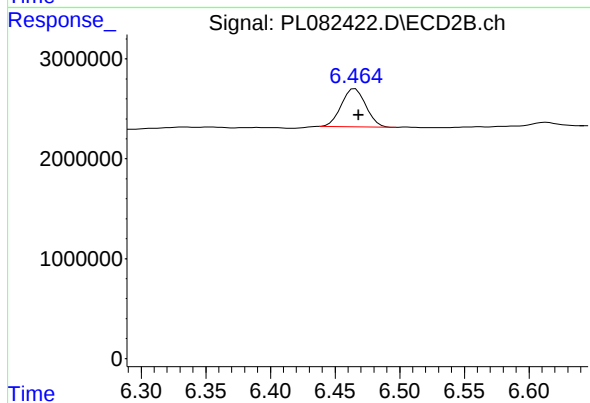
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 10321261
Conc: 4.38 ng/ml



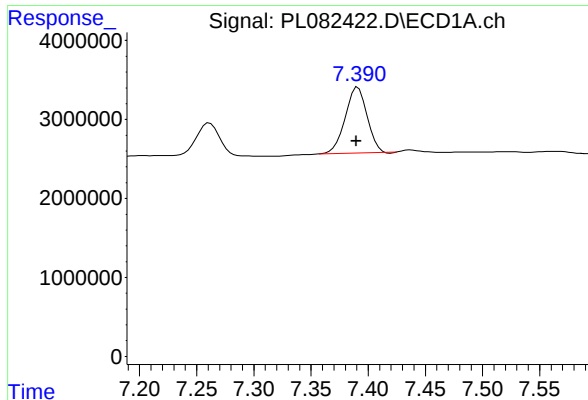
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 5814570
Conc: 4.76 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 5054201
Conc: 4.17 ng/ml



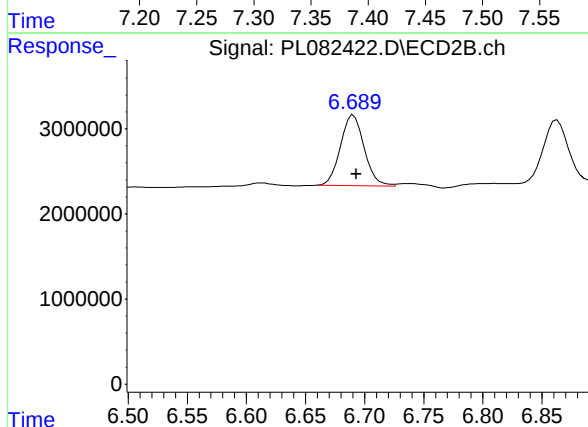
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 11132730
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

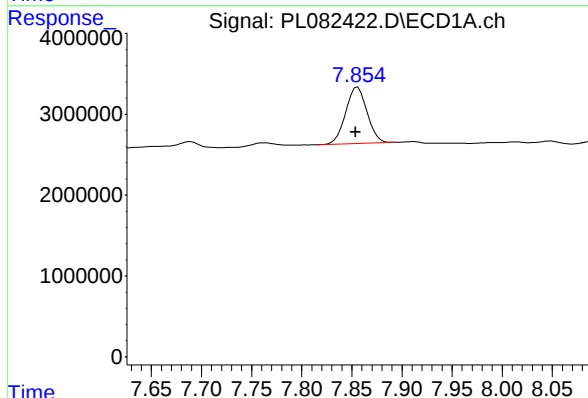
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



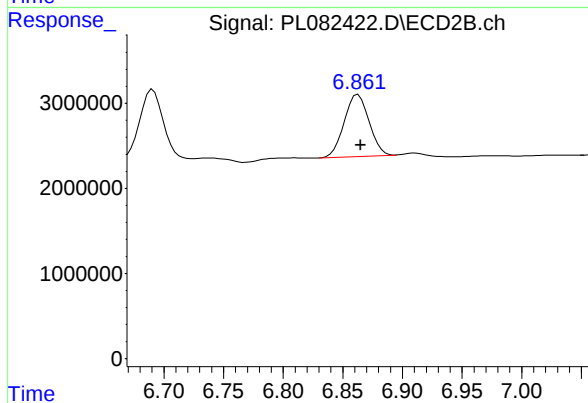
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 11567407
Conc: 4.56 ng/ml



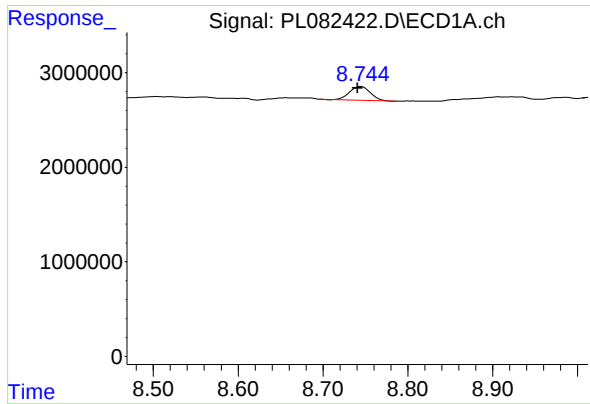
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 10368627
Conc: 5.30 ng/ml



#22 Mirex

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 10562619
Conc: 4.58 ng/ml



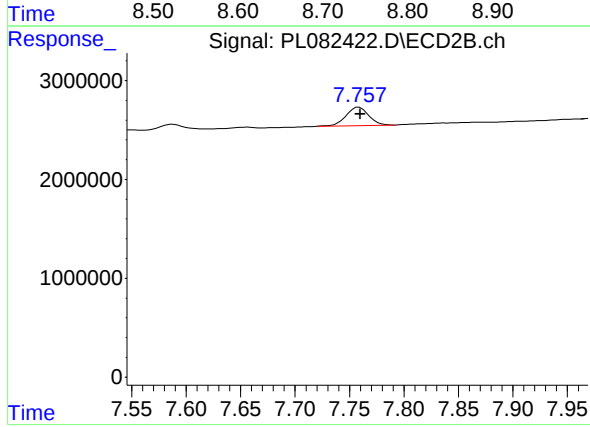
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 2443419
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-SS011-0006-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.001 min
Response: 2687589
Conc: 1.18 ng/ml