

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 17:25
 Operator : AR\AJ
 Sample : PB150628BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150628BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:24:59 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...	3.357	2.688	48269965	48579339	22.505	22.117
28)	SA Decachlor...	8.795	7.837	42289720	47518512	24.155	19.945
Target Compounds							
2)	A alpha-BHC	3.805	3.188	23643105	22650081	7.463	7.122
3)	MA gamma-BHC...	4.132	3.514	22739237	44047989	7.735m	14.745 #
4)	MA Heptachlor	4.716	3.858	24563733	25322164	8.312m	7.957
5)	MB Aldrin	5.055	4.137	23001342	23248386	8.408	7.882
6)	B beta-BHC	4.330	3.814	11489278	12881781	8.417	9.652
7)	B delta-BHC	4.573	4.043	20744793	13377038	7.166	4.638 #
8)	B Heptachlo...	5.478	4.640	25764788	22819300	9.959m	8.201
9)	A Endosulfan I	5.862	5.009	19359125	19641967	8.198	7.551
10)	B gamma-Chl...	5.734	4.891	21519508	21994852	8.520	7.760
11)	B alpha-Chl...	5.814	4.955	21477120	23143091	8.508	8.079
12)	B 4,4'-DDE	5.992	5.146	18122874	18058692	8.137	7.656m
13)	MA Dieldrin	6.136	5.273	20836568	20722381	8.706	7.661m
14)	MA Endrin	6.361	5.549	17542751	18082281	8.112m	7.790
15)	B Endosulfa...	6.580	5.844	17395951	17585611	7.589m	8.440
16)	A 4,4'-DDD	6.504	5.702	15488947	14950338	8.455m	7.956
17)	MA 4,4'-DDT	6.818	5.953	15182304	14685092	7.307	6.988
18)	B Endrin al...	6.712	6.024	15429256	15579677	9.276	8.532
19)	B Endosulfa...	6.945	6.246	16433703	17699816	7.939	7.611
20)	A Methoxychlor	7.297	6.531	9063970	9221111	8.215	7.599
21)	B Endrin ke...	7.425	6.752	20326270	19814542	9.213	7.761
22)	Mirex	7.896	6.935	17896876	20056390	10.406	8.809

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

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Data File : PL080709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 17:25
Operator : AR\AJ
Sample : PB150628BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

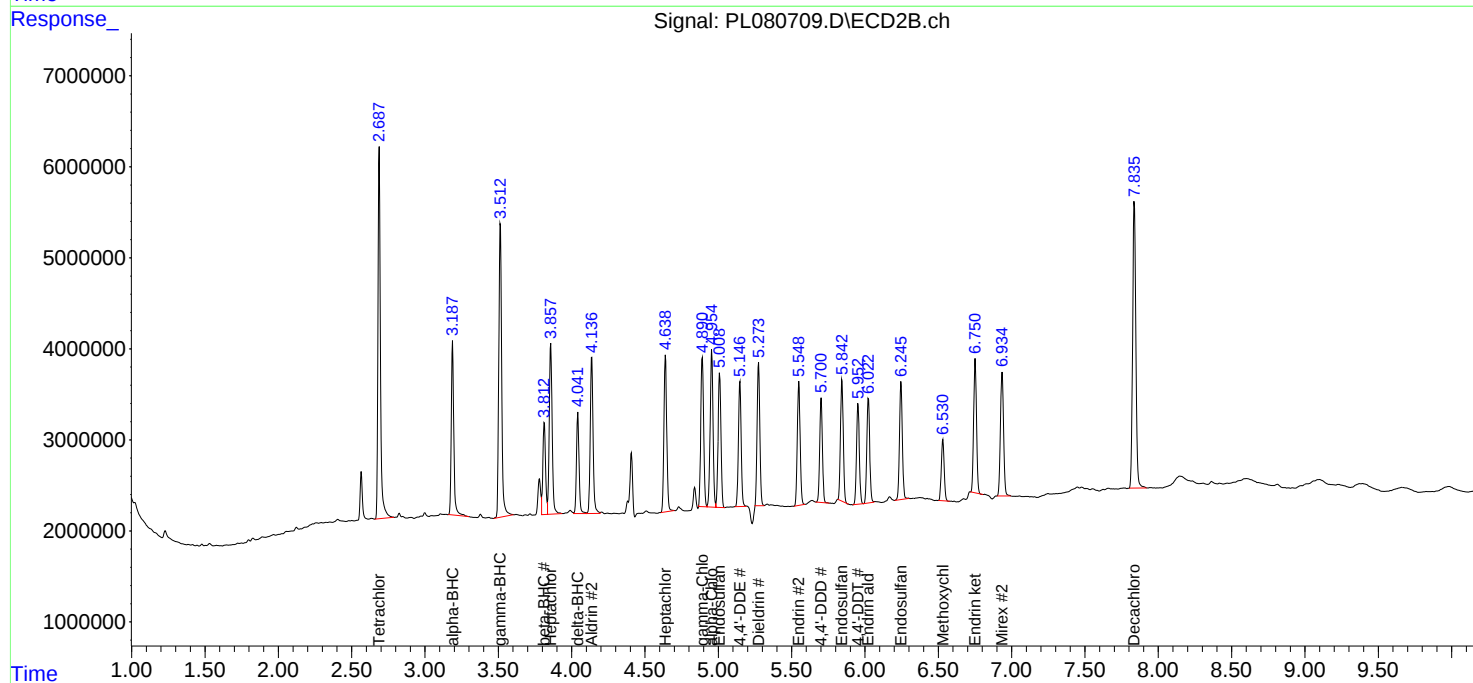
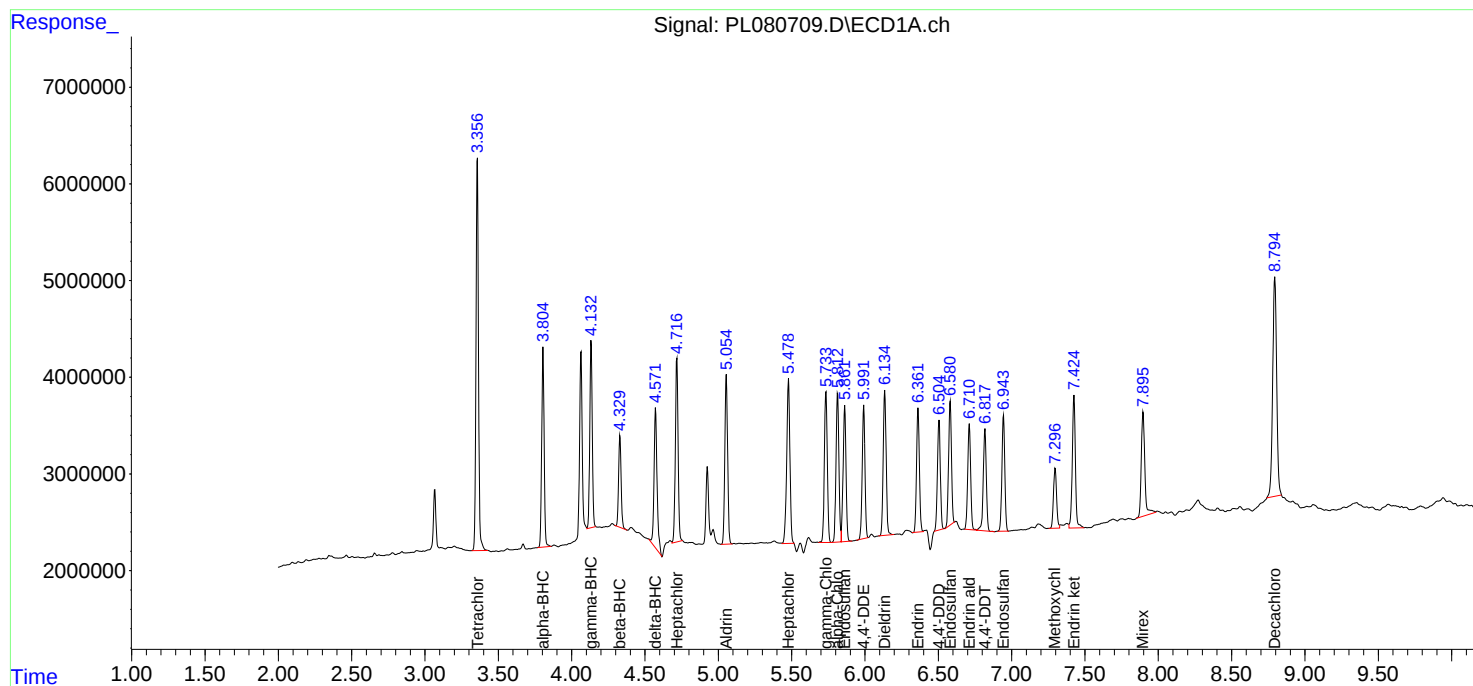
Instrument :
ECD_L
ClientSampleId :
PB150628BSD

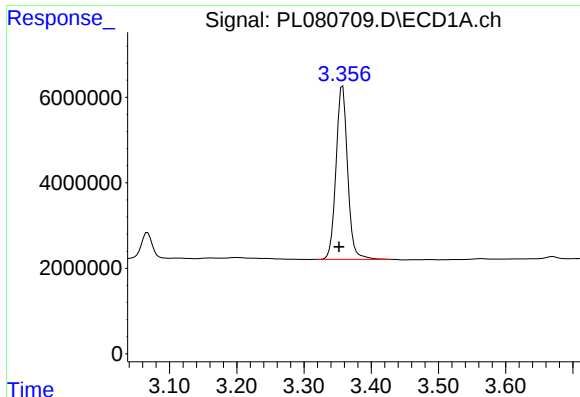
Manual Integrations
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Supervised By : Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:24:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
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Volume Inj. : 1 µl
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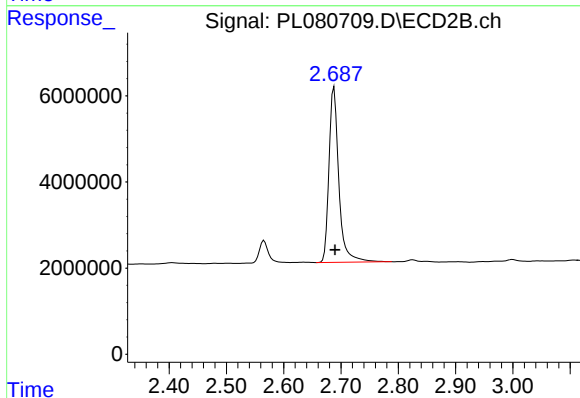
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: 0.005 min
Response: 48269965
Conc: 22.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

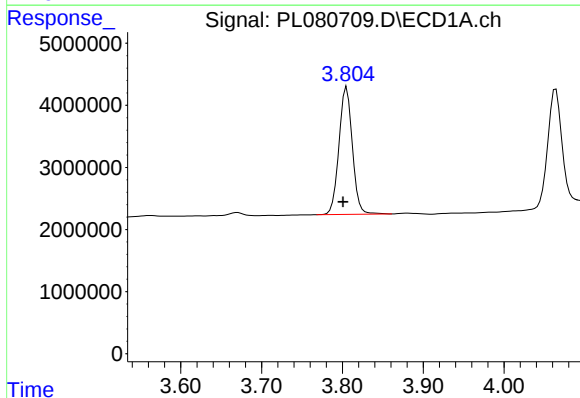
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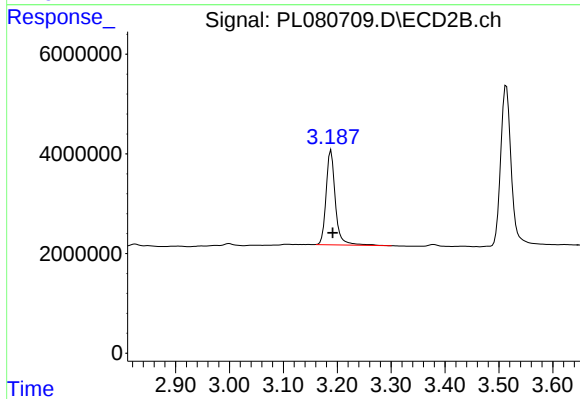
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 48579339
Conc: 22.12 ng/ml



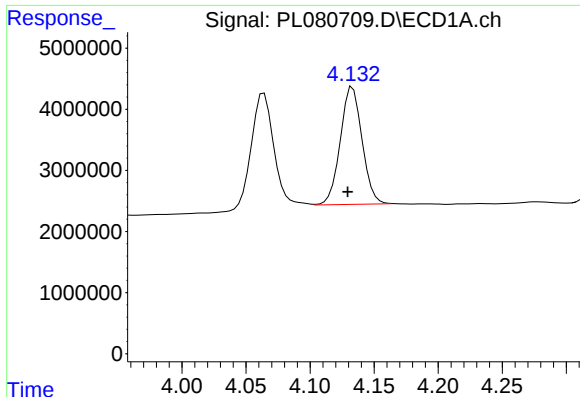
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.005 min
Response: 23643105
Conc: 7.46 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 22650081
Conc: 7.12 ng/ml



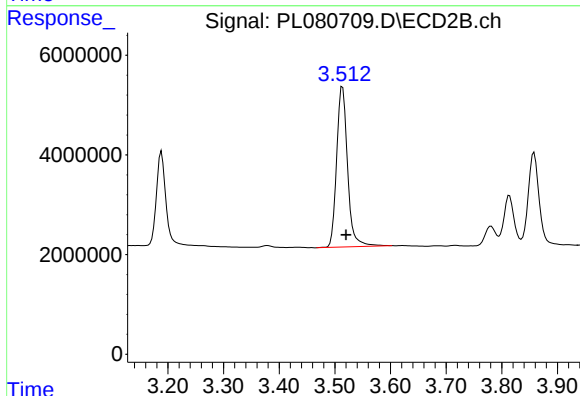
#3 gamma-BHC (Lindane)

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 22739237
Conc: 7.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

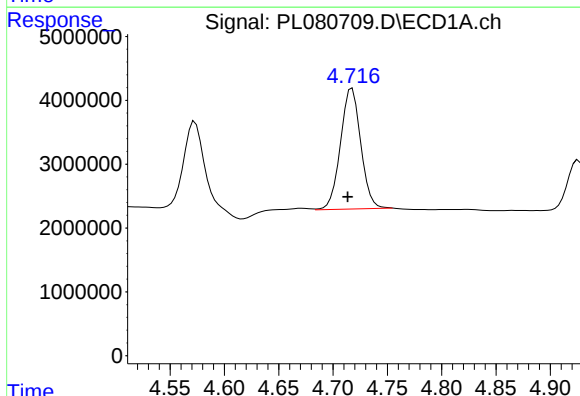
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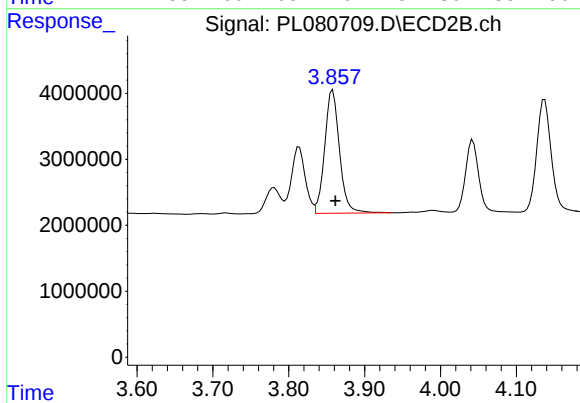
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.007 min
Response: 44047989
Conc: 14.75 ng/ml



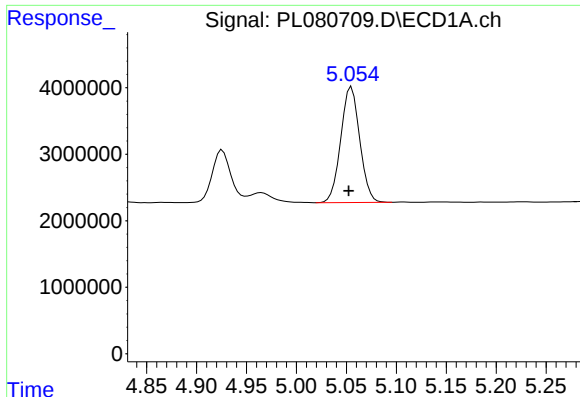
#4 Heptachlor

R.T.: 4.716 min
Delta R.T.: 0.003 min
Response: 24563733
Conc: 8.31 ng/ml m



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 25322164
Conc: 7.96 ng/ml



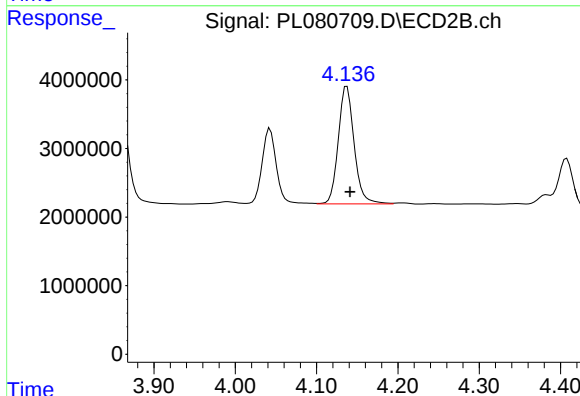
#5 Aldrin

R.T.: 5.055 min
Delta R.T.: 0.003 min
Response: 23001342
Conc: 8.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

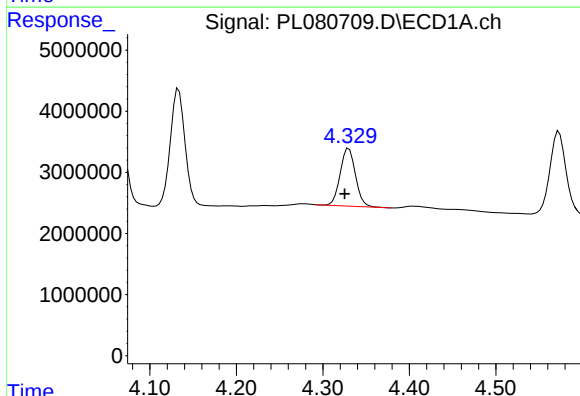
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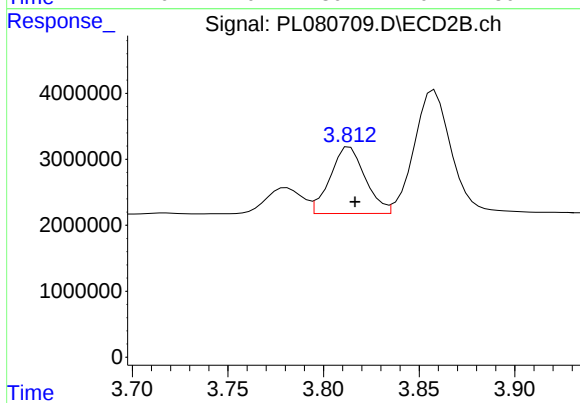
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 23248386
Conc: 7.88 ng/ml



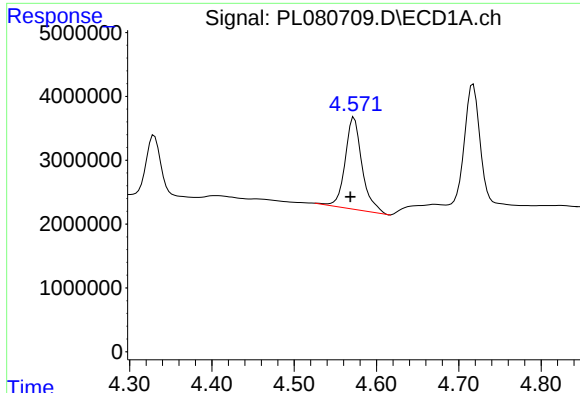
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 11489278
Conc: 8.42 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 12881781
Conc: 9.65 ng/ml



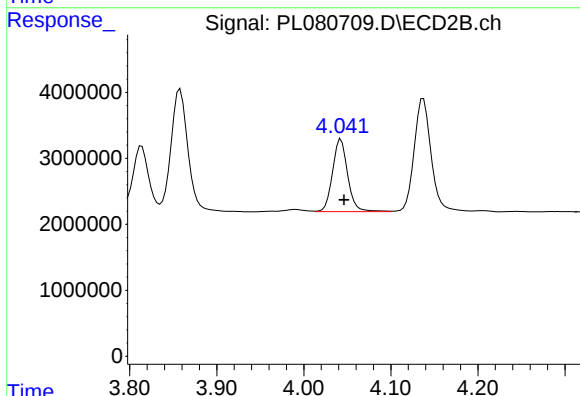
#7 delta-BHC

R.T.: 4.573 min
Delta R.T.: 0.004 min
Response: 20744793
Conc: 7.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

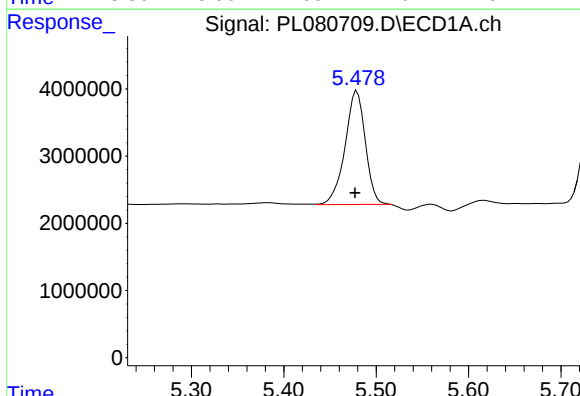
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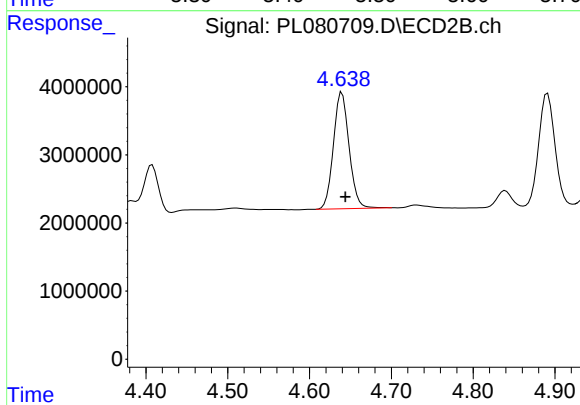
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 13377038
Conc: 4.64 ng/ml



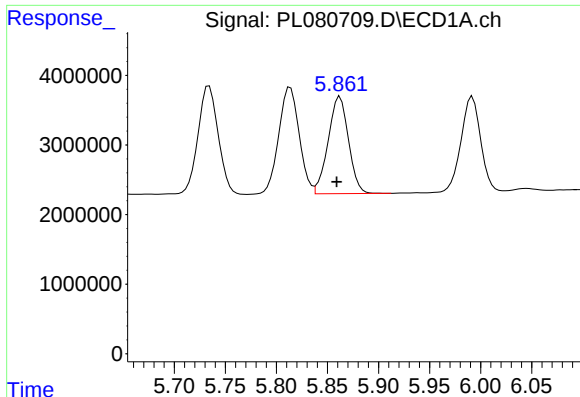
#8 Heptachlor epoxide

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 25764788
Conc: 9.96 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 22819300
Conc: 8.20 ng/ml



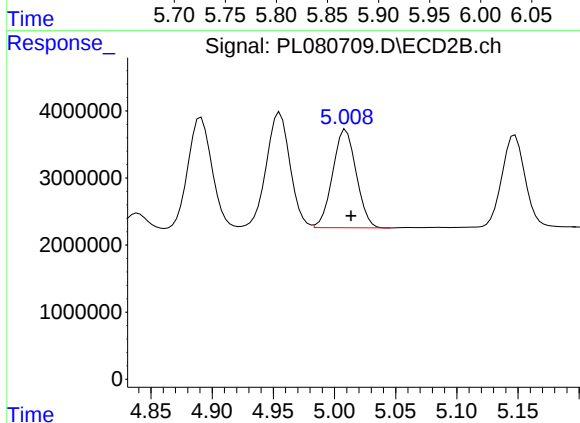
#9 Endosulfan I

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 19359125
Conc: 8.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

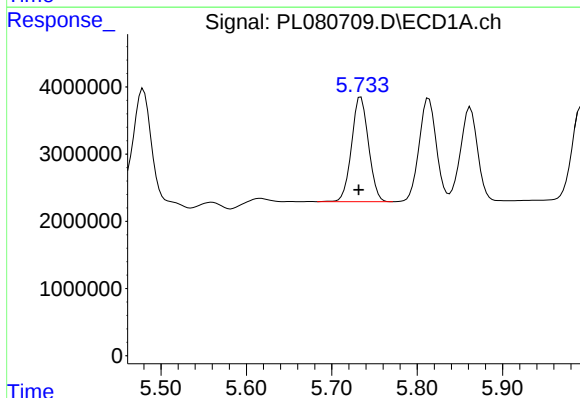
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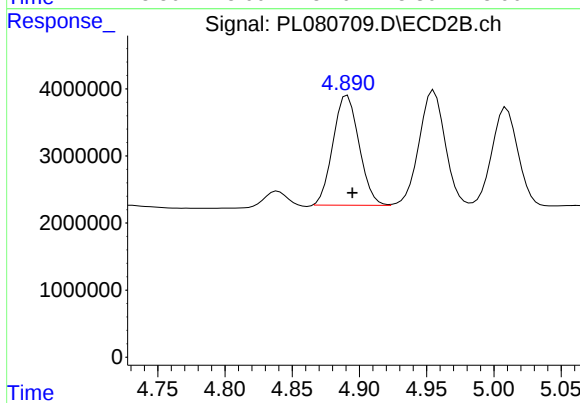
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 19641967
Conc: 7.55 ng/ml



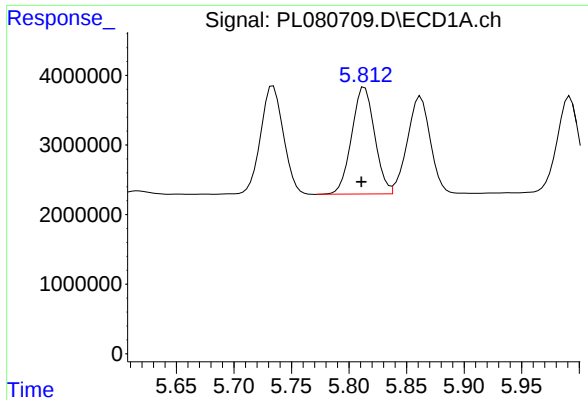
#10 gamma-Chlordane

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 21519508
Conc: 8.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 21994852
Conc: 7.76 ng/ml



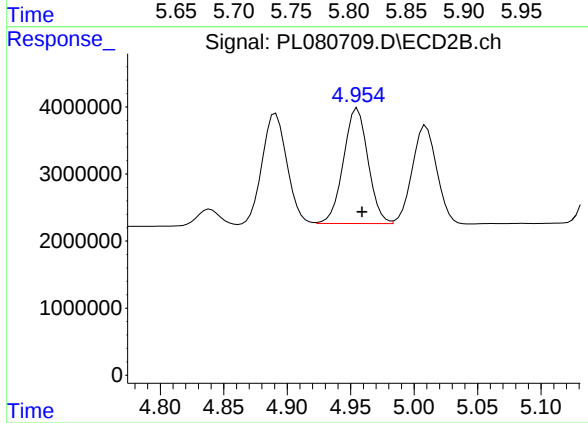
#11 alpha-Chlordane

R.T.: 5.814 min
Delta R.T.: 0.003 min
Response: 21477120
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

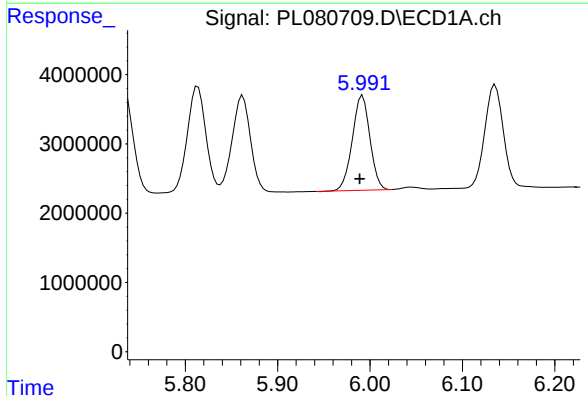
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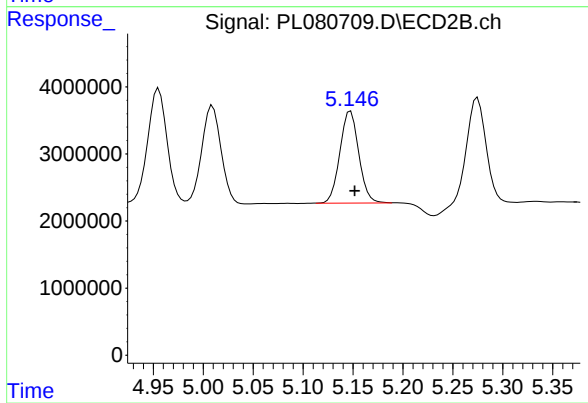
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 23143091
Conc: 8.08 ng/ml



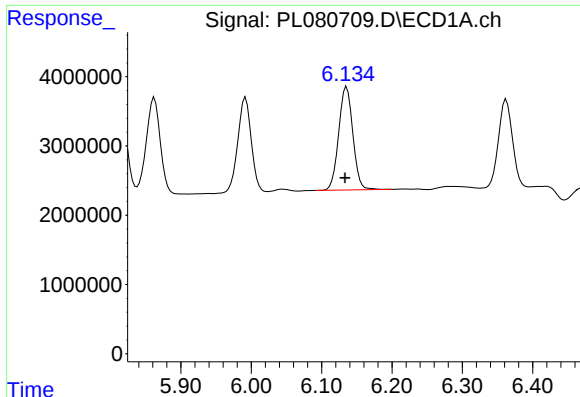
#12 4,4'-DDE

R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 18122874
Conc: 8.14 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 18058692
Conc: 7.66 ng/ml m



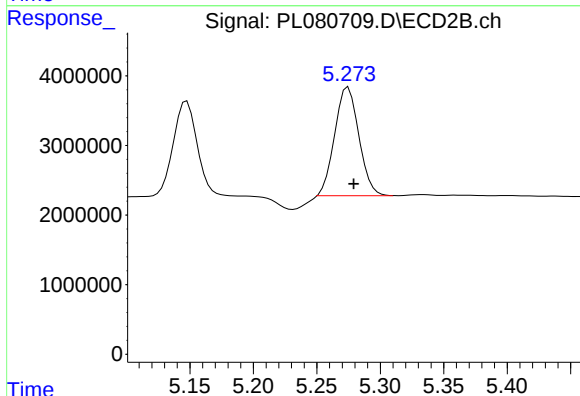
#13 Dieldrin

R.T.: 6.136 min
Delta R.T.: 0.002 min
Response: 20836568
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

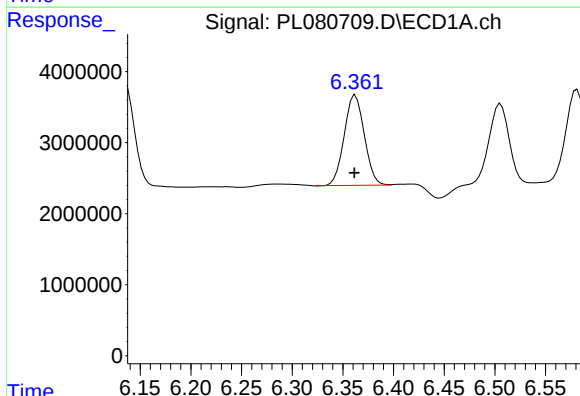
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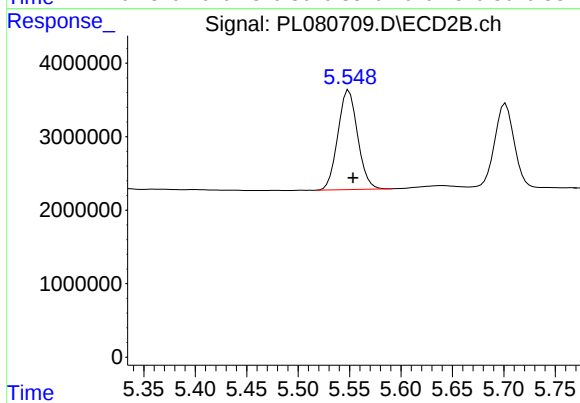
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 20722381
Conc: 7.66 ng/ml m



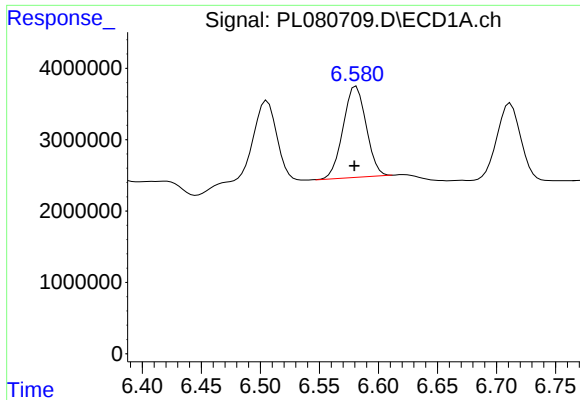
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 17542751
Conc: 8.11 ng/ml m



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 18082281
Conc: 7.79 ng/ml



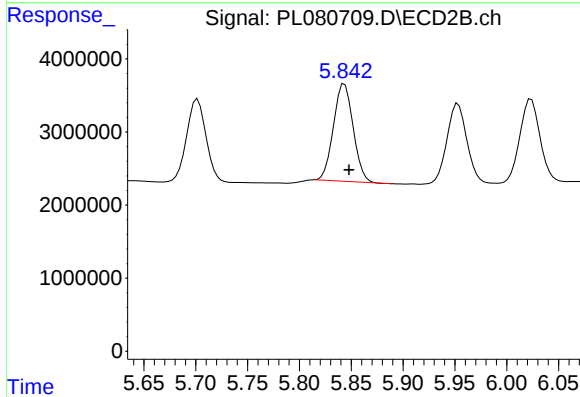
#15 Endosulfan II

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 17395951
Conc: 7.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

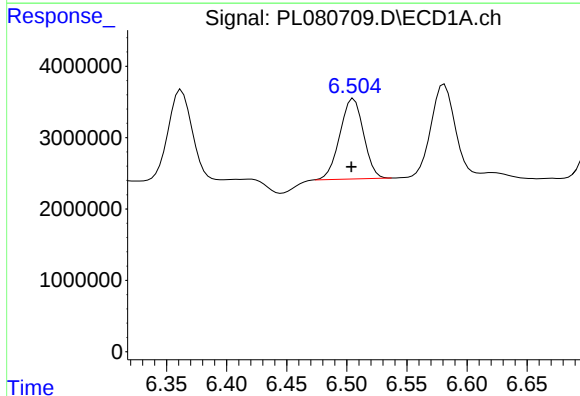
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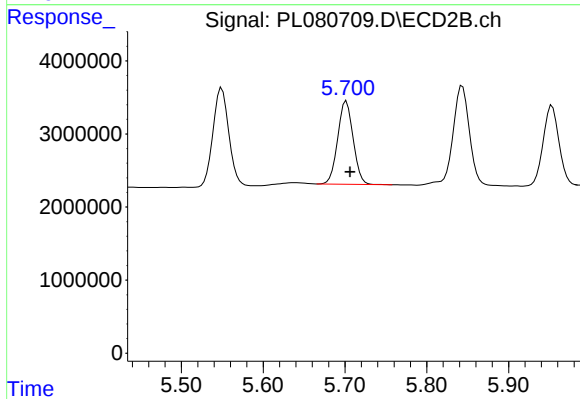
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 17585611
Conc: 8.44 ng/ml



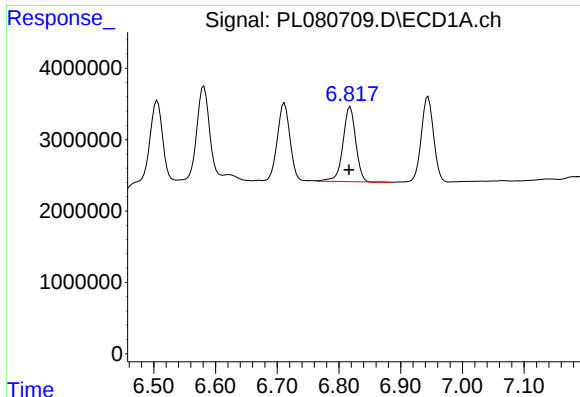
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 15488947
Conc: 8.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 14950338
Conc: 7.96 ng/ml



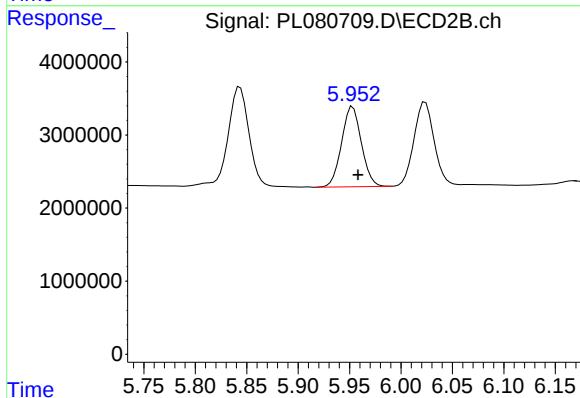
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.002 min
Response: 15182304
Conc: 7.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
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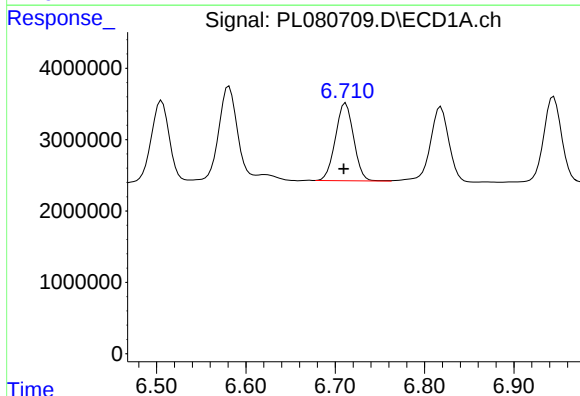
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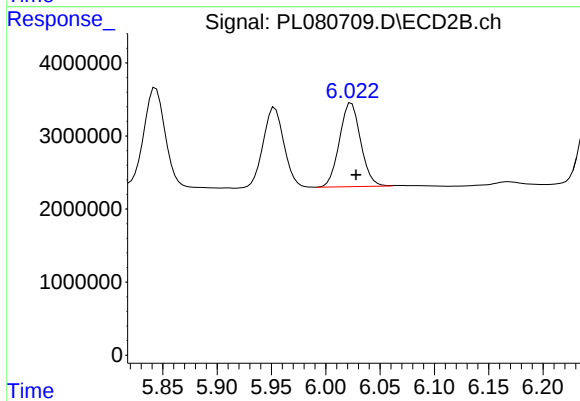
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 14685092
Conc: 6.99 ng/ml



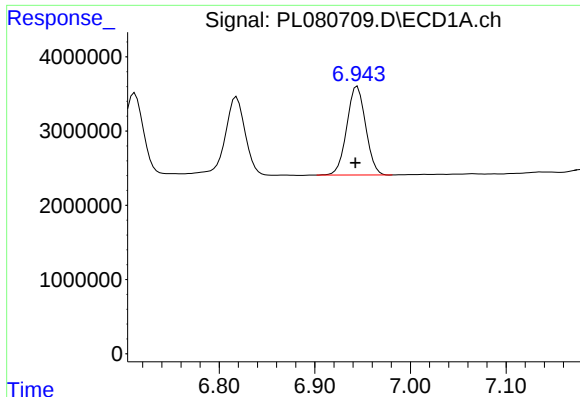
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 15429256
Conc: 9.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 15579677
Conc: 8.53 ng/ml



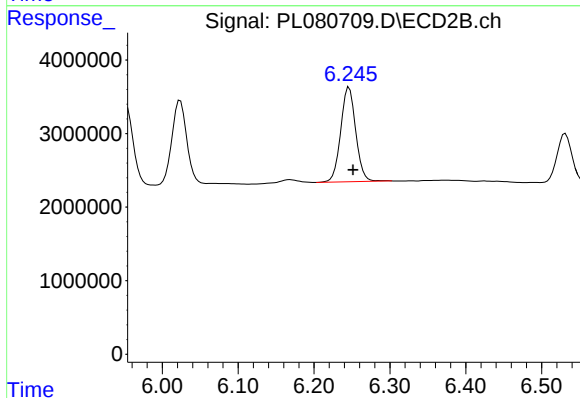
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.002 min
Response: 16433703
Conc: 7.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

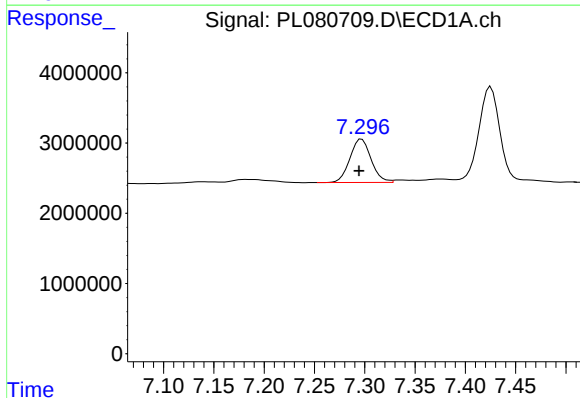
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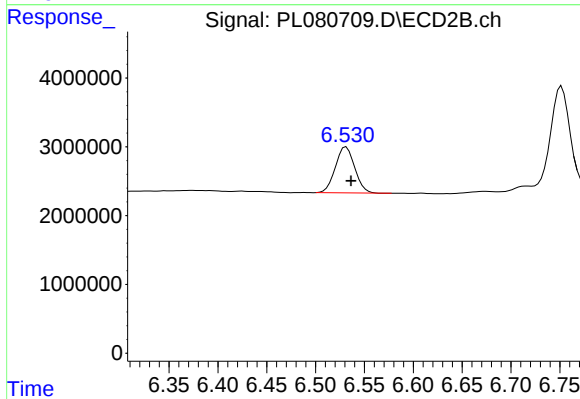
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 17699816
Conc: 7.61 ng/ml



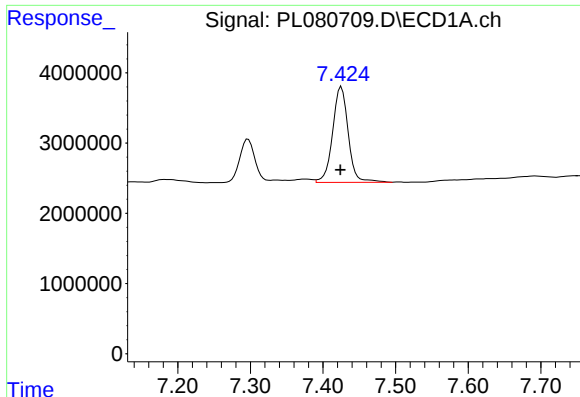
#20 Methoxychlor

R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 9063970
Conc: 8.22 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 9221111
Conc: 7.60 ng/ml



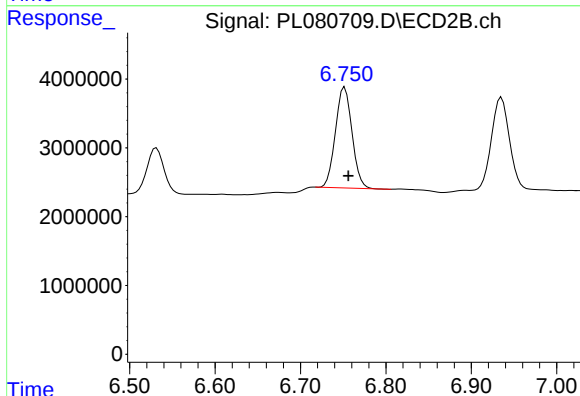
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.002 min
Response: 20326270
Conc: 9.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

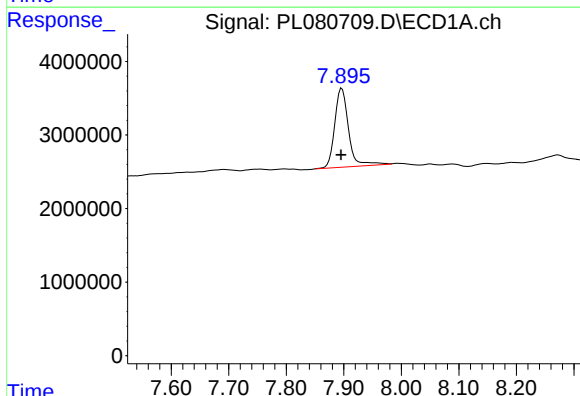
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



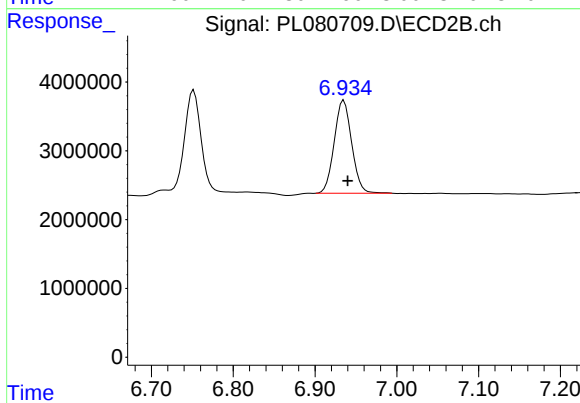
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 19814542
Conc: 7.76 ng/ml



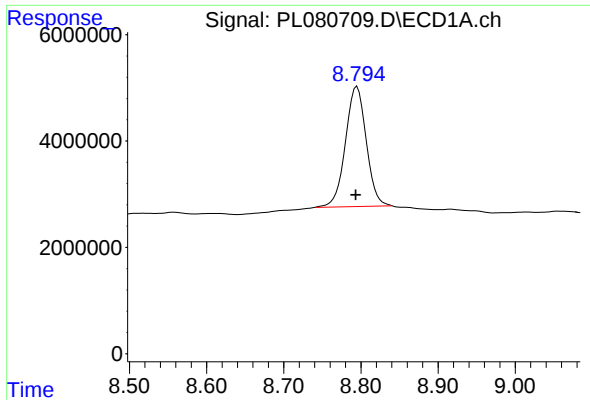
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 17896876
Conc: 10.41 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 20056390
Conc: 8.81 ng/ml



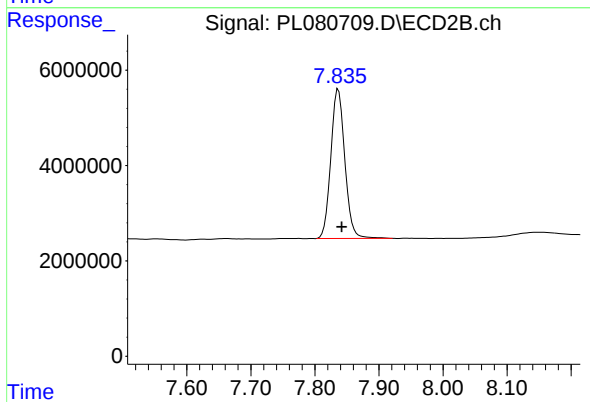
#28 Decachlorobiphenyl

R.T.: 8.795 min
Delta R.T.: 0.002 min
Response: 42289720
Conc: 24.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150628BSD

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#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 47518512
Conc: 19.94 ng/ml