

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 16:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2023
 Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:14:02 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	2.688	113.1E6	114.1E6	52.733	51.931
28)	SA Decachlor...	8.790	7.833	83184279	105.1E6	47.513	44.103
Target Compounds							
2)	A alpha-BHC	3.800	3.189	173.6E6	167.2E6	54.809	52.568
3)	MA gamma-BHC...	4.128	3.517	161.4E6	155.4E6	54.893	52.004
4)	MA Heptachlor	4.712	3.857	154.6E6	155.6E6	52.316	48.879
5)	MB Aldrin	5.050	4.136	143.8E6	147.0E6	52.549	49.827
6)	B beta-BHC	4.325	3.813	70210055	67941119	51.435	50.906
7)	B delta-BHC	4.568	4.042	156.3E6	149.9E6	53.976	51.961
8)	B Heptachlo...	5.475	4.638	133.0E6	135.9E6	51.423	48.851
9)	A Endosulfan I	5.857	5.007	121.6E6	124.7E6	51.479	47.956
10)	B gamma-Chl...	5.730	4.887	132.2E6	137.9E6	52.360	48.649m
11)	B alpha-Chl...	5.809	4.953	130.6E6	134.6E6	51.740	47.002
12)	B 4,4'-DDE	5.987	5.144	116.9E6	119.1E6	52.484	50.492m
13)	MA Dieldrin	6.131	5.271	124.4E6	129.4E6	51.982	47.843m
14)	MA Endrin	6.358	5.547	106.5E6	109.8E6	49.240	47.306
15)	B Endosulfa...	6.578	5.841	101.9E6	105.4E6	44.463	50.590
16)	A 4,4'-DDD	6.502	5.699	99640713	102.3E6	54.389	54.457
17)	MA 4,4'-DDT	6.814	5.951	93518430	96438975	45.011	45.891
18)	B Endrin al...	6.707	6.021	81647390	85537800	49.084	46.842
19)	B Endosulfa...	6.941	6.244	104.9E6	111.3E6	50.682	47.864
20)	A Methoxychlor	7.293	6.529	49762351	53058130	45.104	43.724
21)	B Endrin ke...	7.421	6.749	113.3E6	127.2E6	51.346	49.823
22)	Mirex	7.893	6.932	83992518	102.8E6	48.839	45.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 16:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

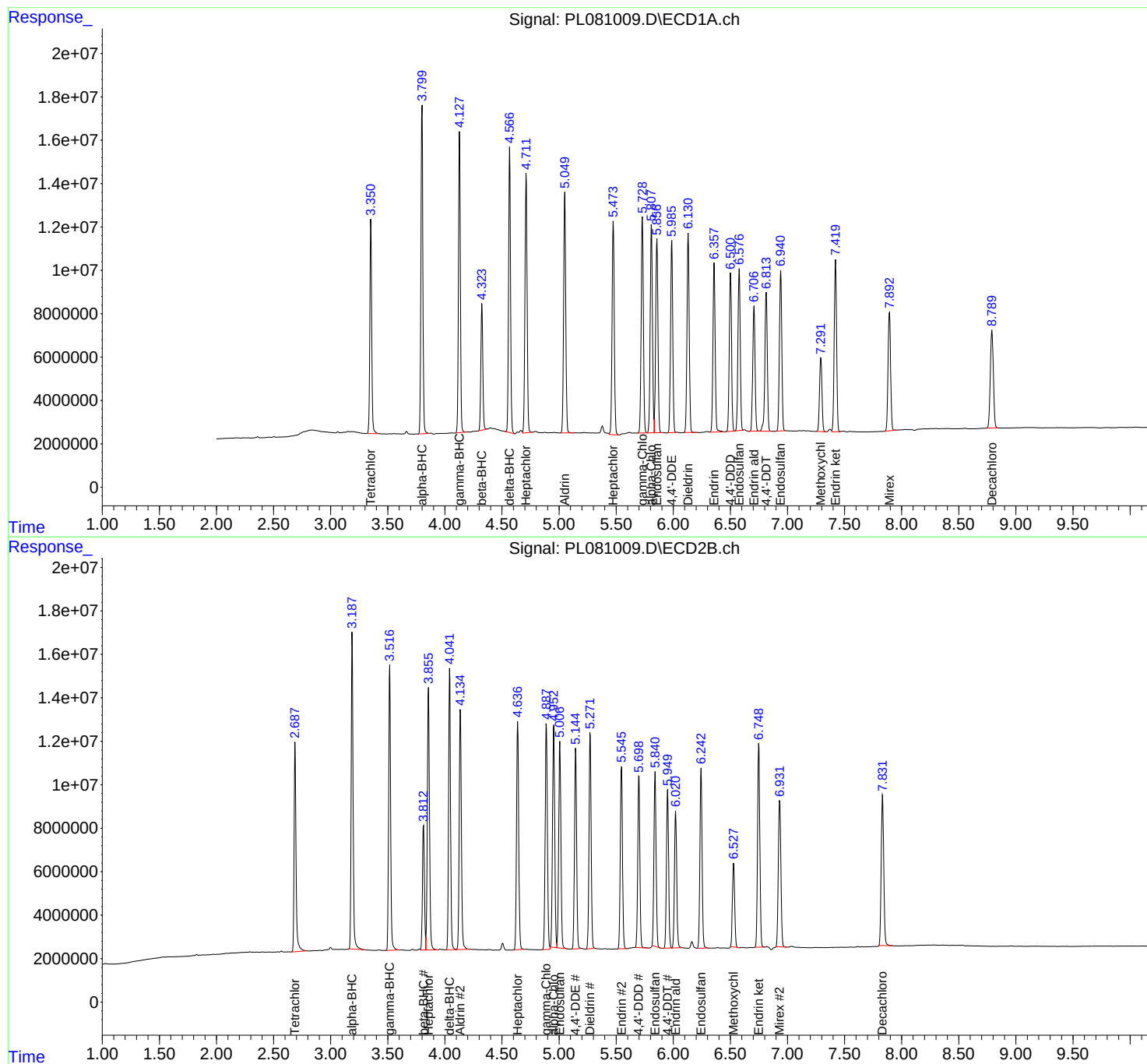
Manual Integrations

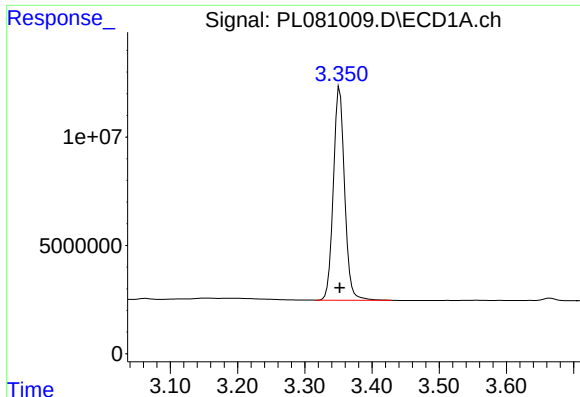
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Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:14:02 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





#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 113104393
Conc: 52.73 ng/ml

Instrument :

ECD_L

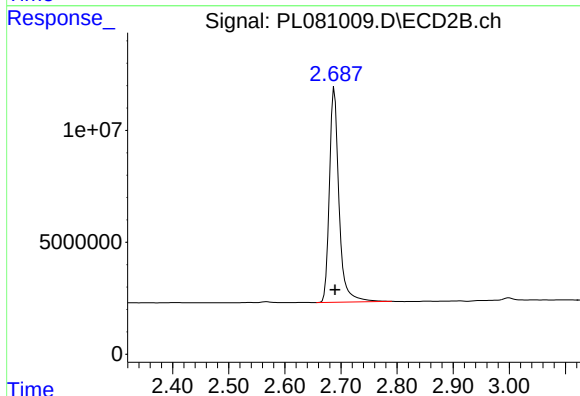
ClientSampleId :

PSTDCCC050

Manual Integrations

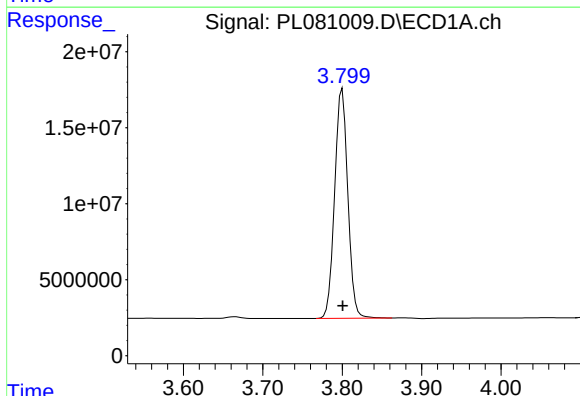
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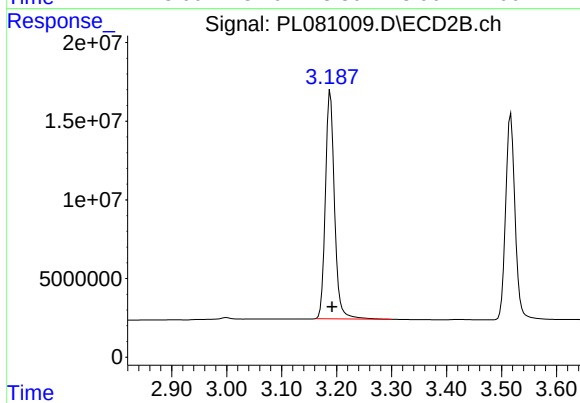
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 114063696
Conc: 51.93 ng/ml



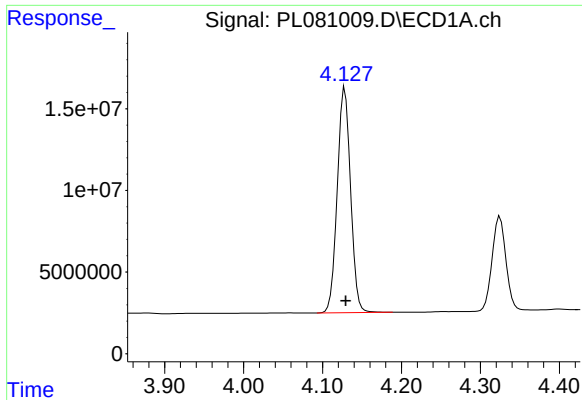
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 173637070
Conc: 54.81 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 167187525
Conc: 52.57 ng/ml



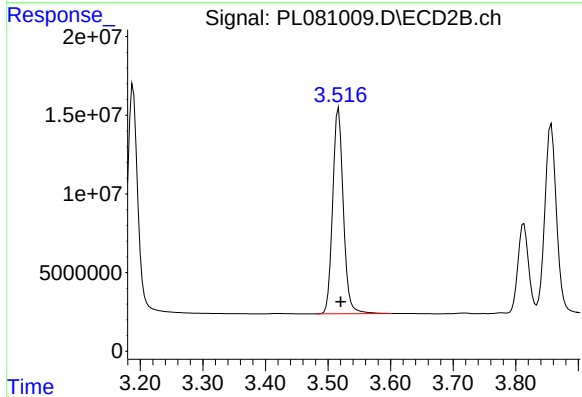
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 161373647
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

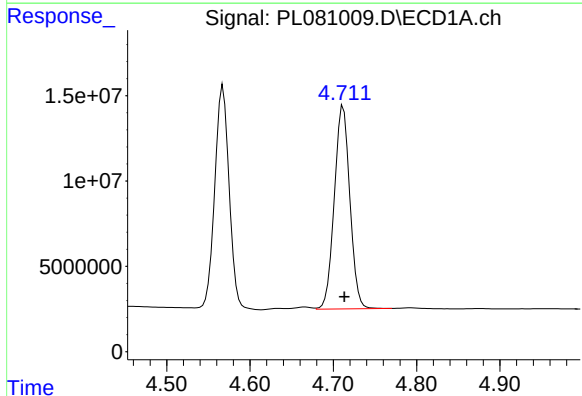
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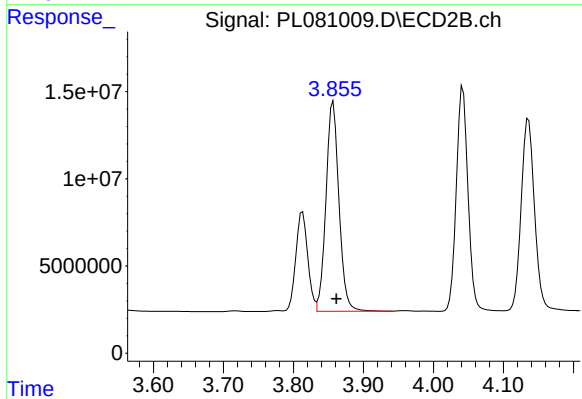
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 155350913
Conc: 52.00 ng/ml



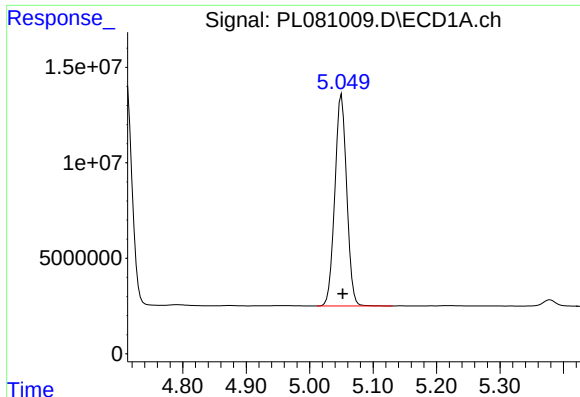
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 154606111
Conc: 52.32 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 155550504
Conc: 48.88 ng/ml



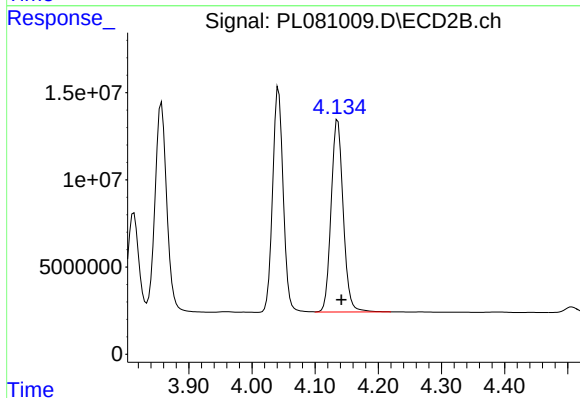
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 143763203
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

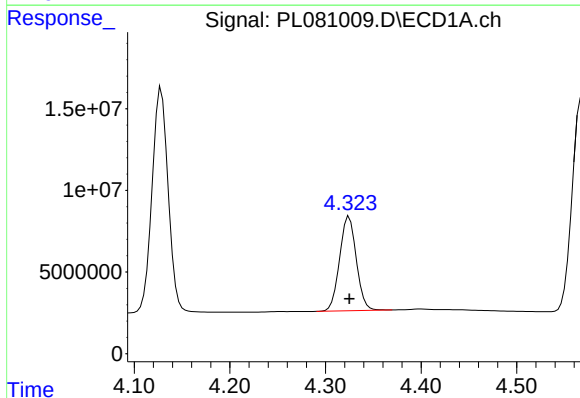
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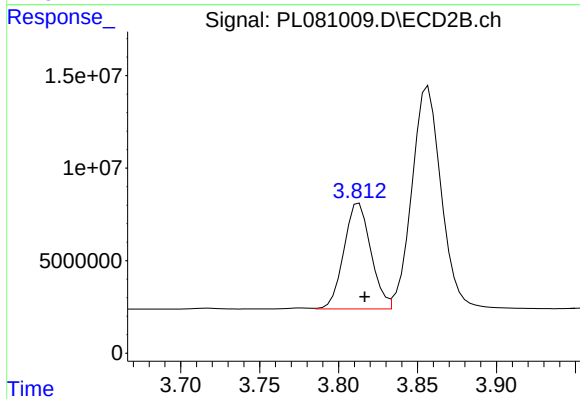
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.006 min
Response: 146968265
Conc: 49.83 ng/ml



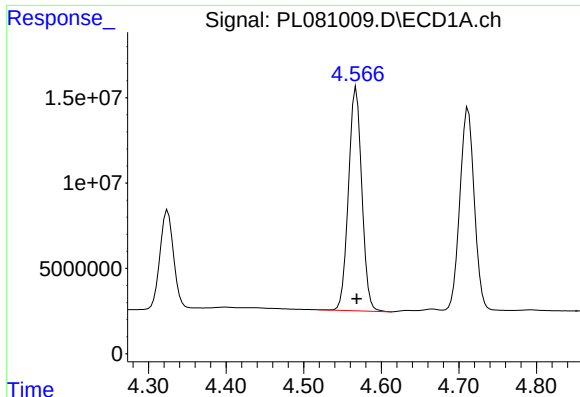
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 70210055
Conc: 51.44 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 67941119
Conc: 50.91 ng/ml



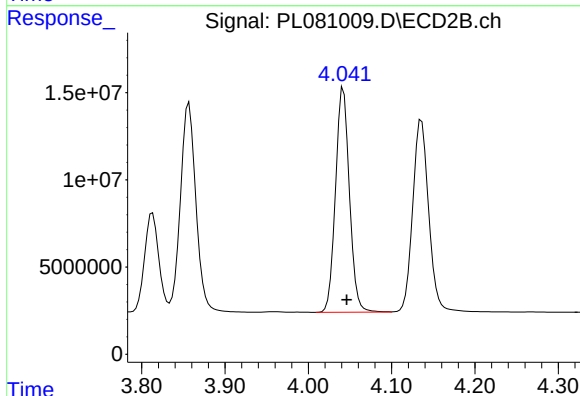
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 156261395
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

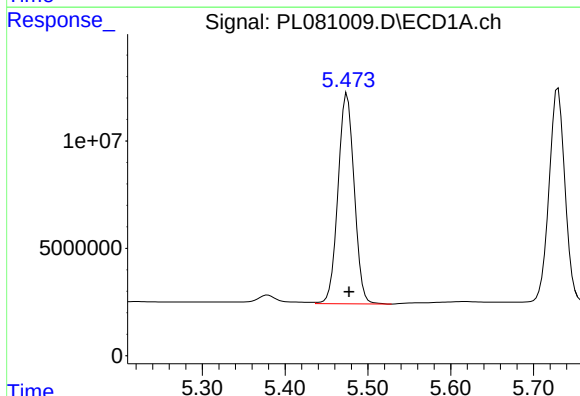
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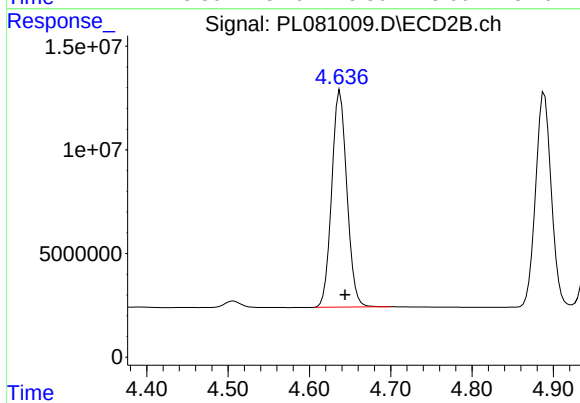
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 149878904
Conc: 51.96 ng/ml



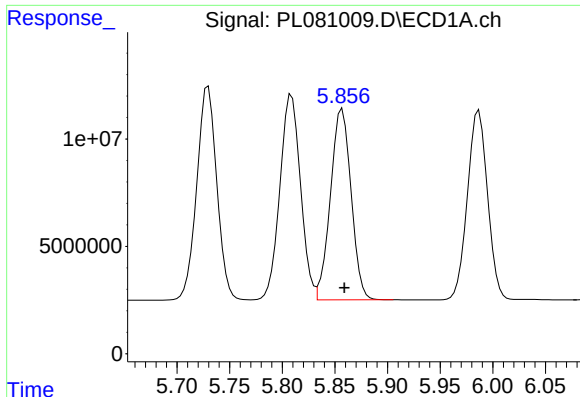
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 133033956
Conc: 51.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 135920750
Conc: 48.85 ng/ml



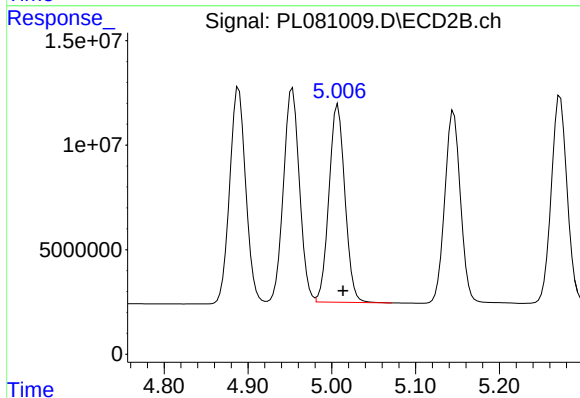
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 121565788
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

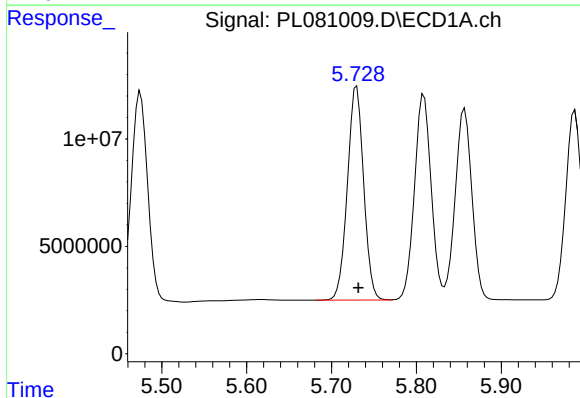
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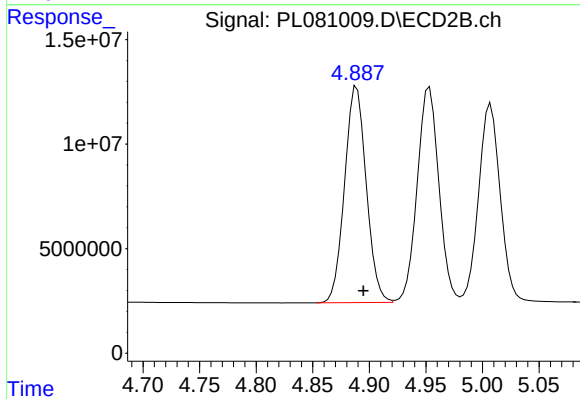
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 124749415
Conc: 47.96 ng/ml



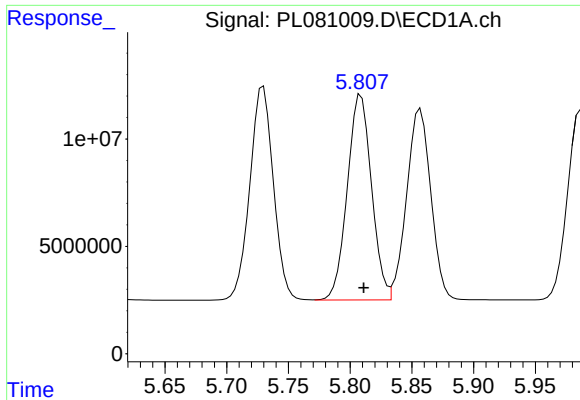
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 132246586
Conc: 52.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.007 min
Response: 137881785
Conc: 48.65 ng/ml m



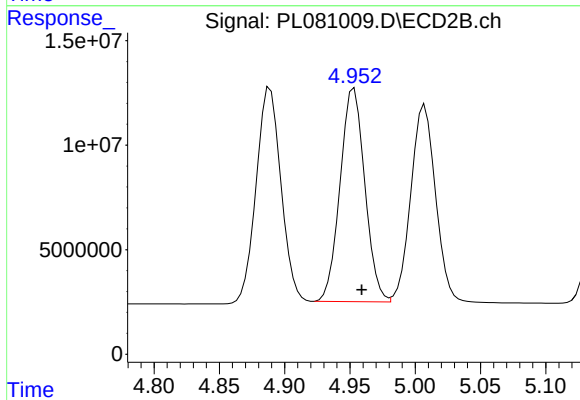
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 130606809
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

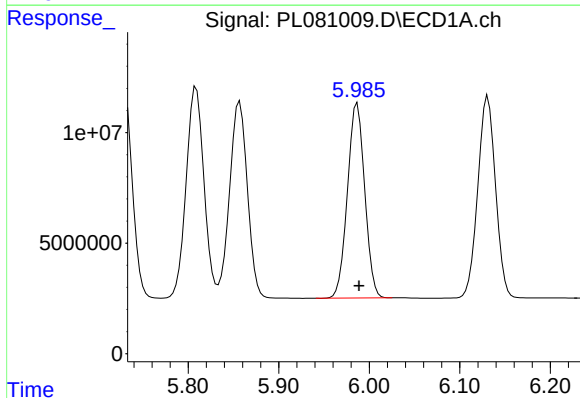
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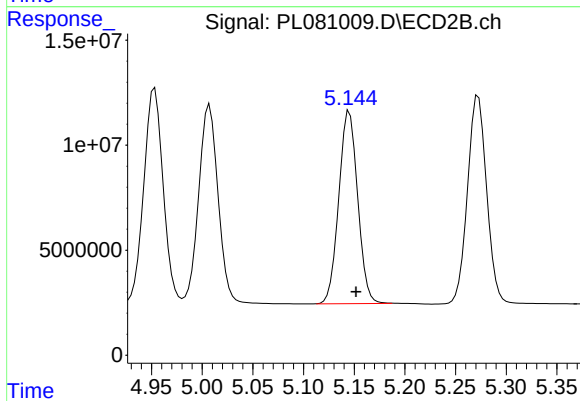
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 134646239
Conc: 47.00 ng/ml



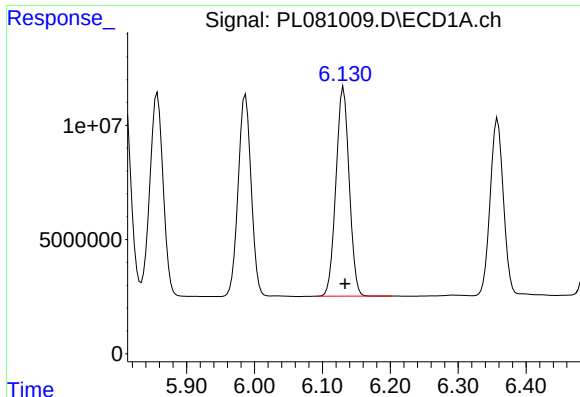
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 116899363
Conc: 52.48 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 119102931
Conc: 50.49 ng/ml m



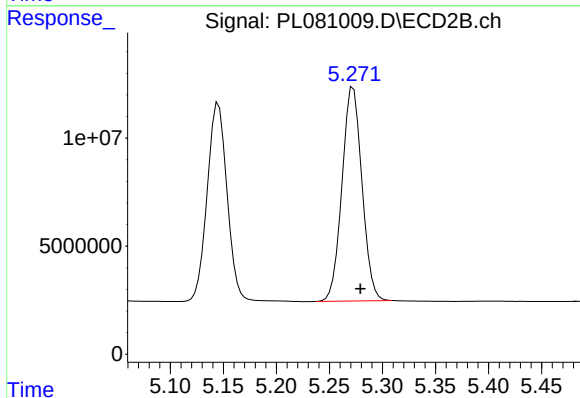
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 124411223
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

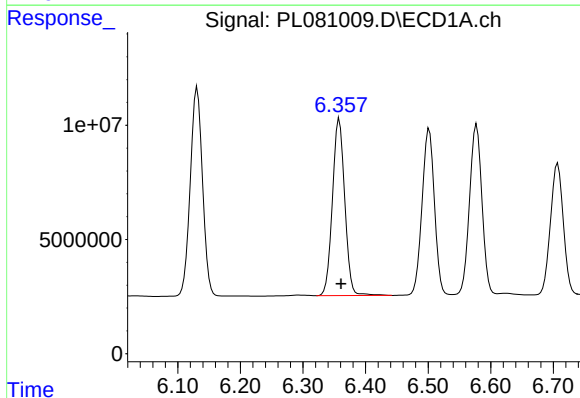
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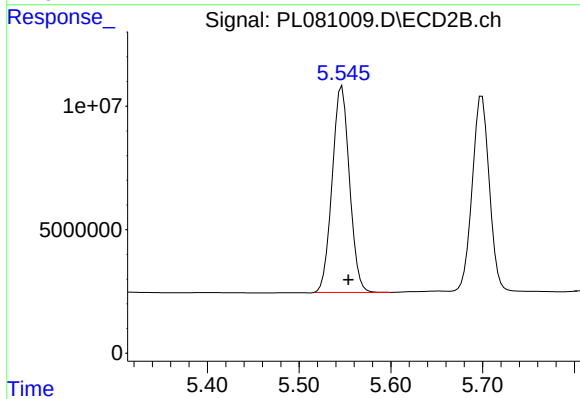
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 129414842
Conc: 47.84 ng/ml m



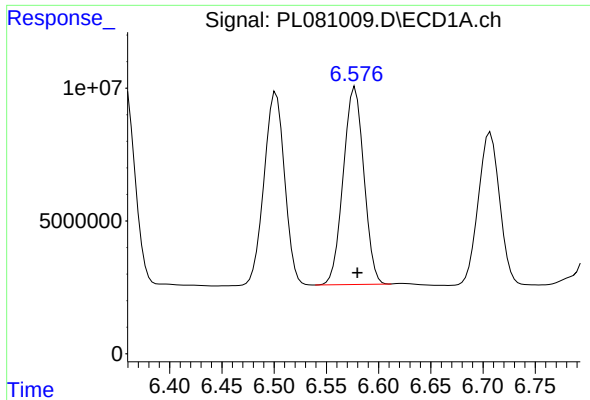
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 106491733
Conc: 49.24 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 109804035
Conc: 47.31 ng/ml



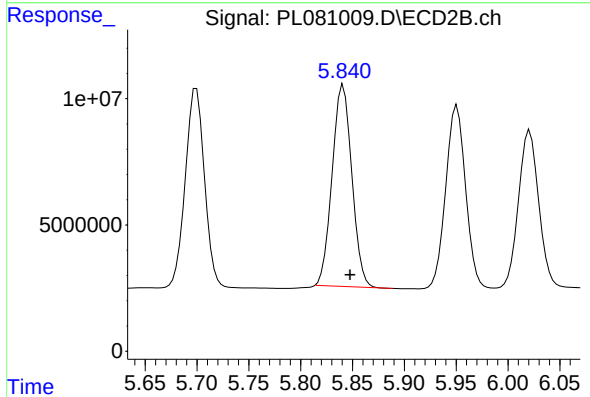
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 101924876
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

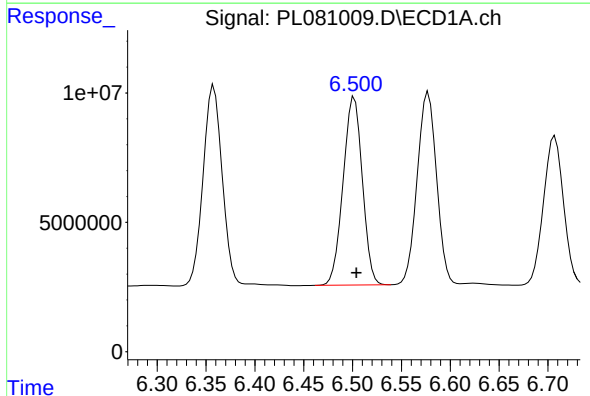
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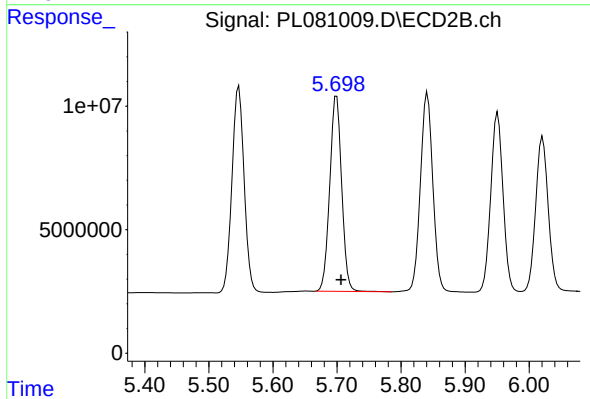
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.007 min
Response: 105415002
Conc: 50.59 ng/ml



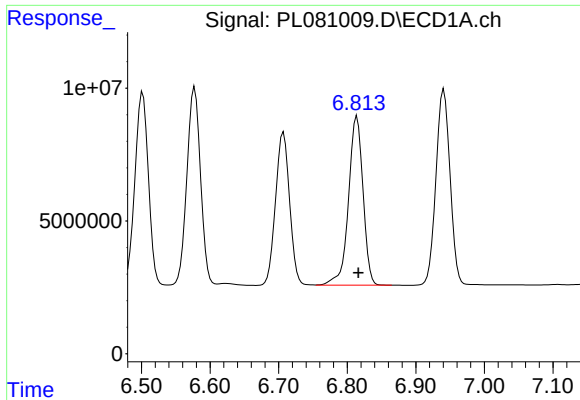
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 99640713
Conc: 54.39 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 102336039
Conc: 54.46 ng/ml



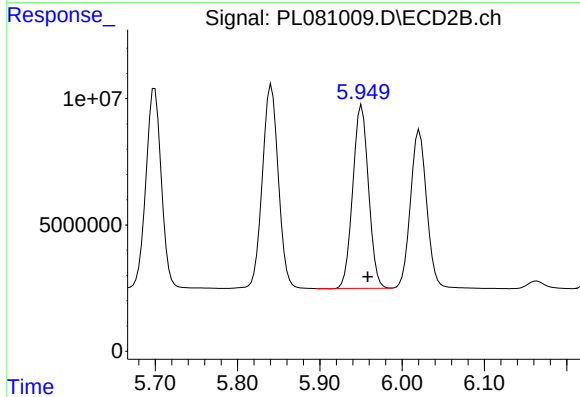
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 93518430
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#17 4,4'-DDT

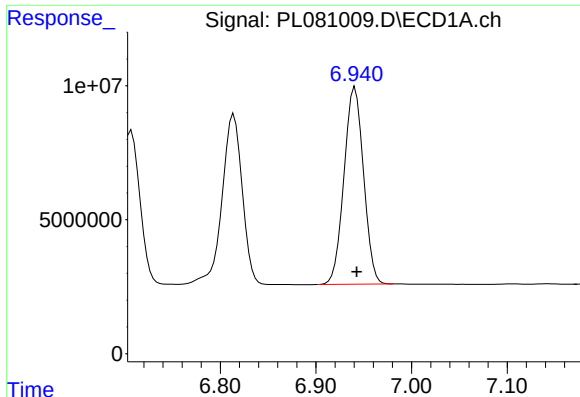
R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 96438975
Conc: 45.89 ng/ml

#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 81647390
Conc: 49.08 ng/ml

#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 85537800
Conc: 46.84 ng/ml



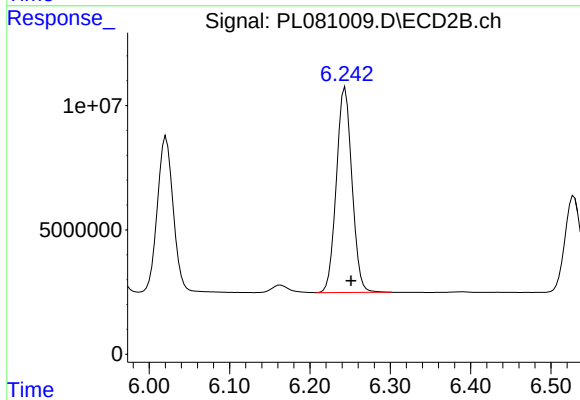
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 104908334
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

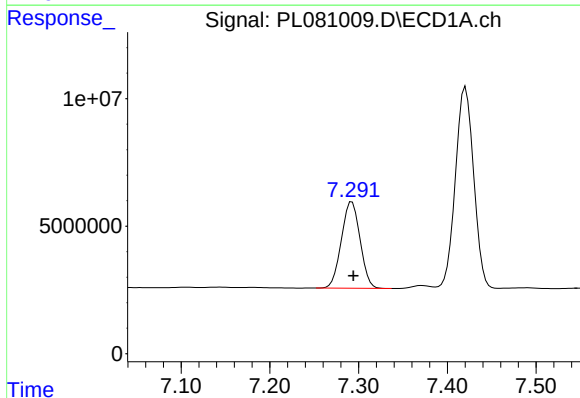
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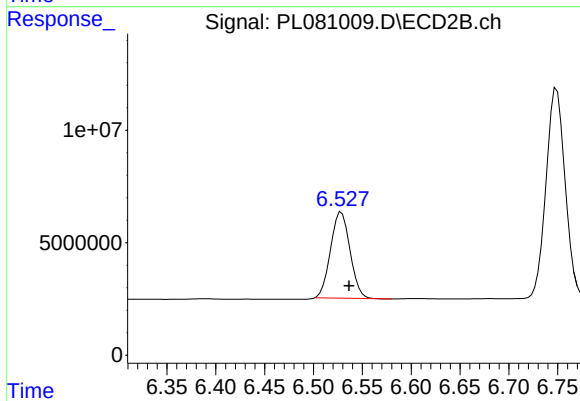
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 111315779
Conc: 47.86 ng/ml



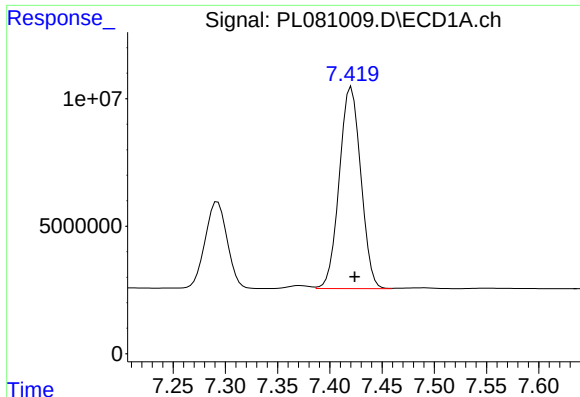
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 49762351
Conc: 45.10 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.008 min
Response: 53058130
Conc: 43.72 ng/ml



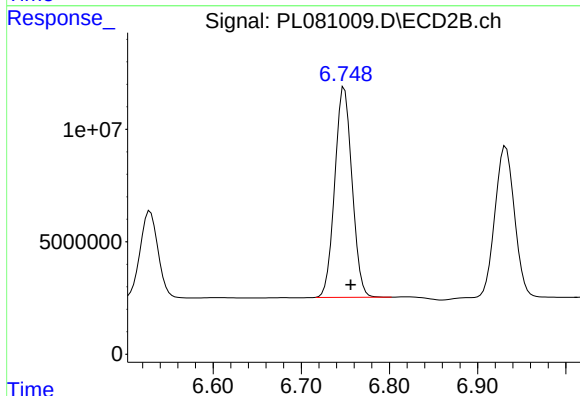
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 113287548
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

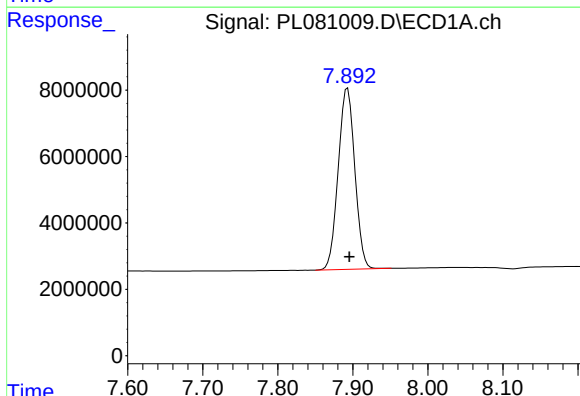
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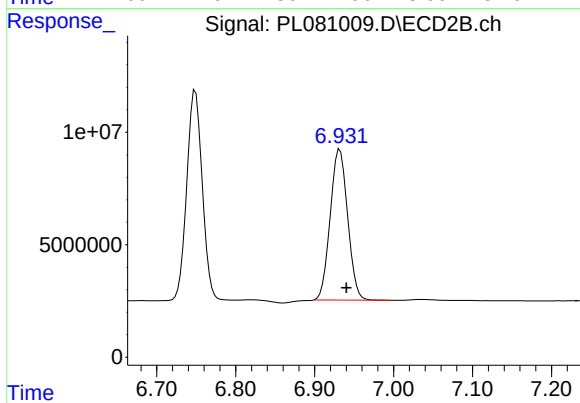
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 127209631
Conc: 49.82 ng/ml



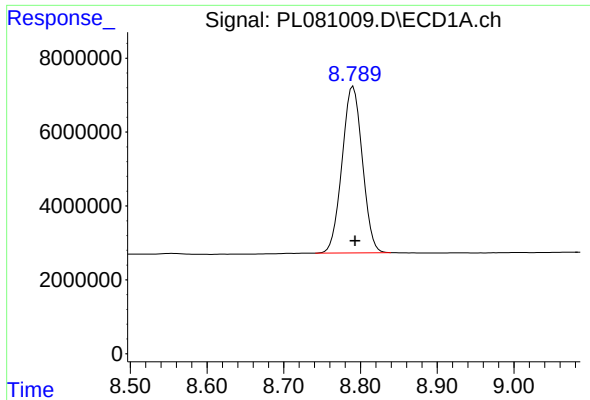
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 83992518
Conc: 48.84 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 102757813
Conc: 45.13 ng/ml



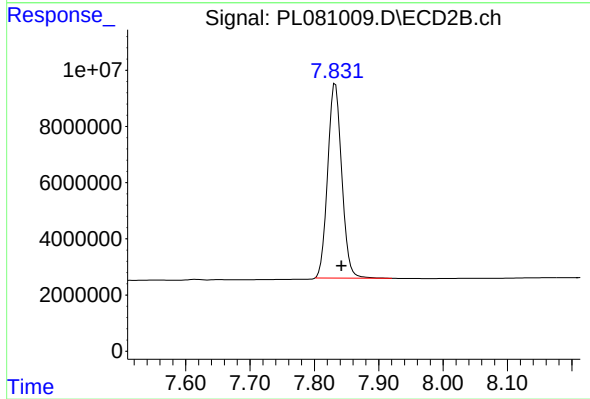
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 83184279
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 105076958
Conc: 44.10 ng/ml