

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
 Data File : PL081056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 21:08
 Operator : AR\AJ
 Sample : 01610-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CF-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:10:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.349	2.687	44925581	42991583	19.273m	18.683
28)	SA Decachlor...	8.789	7.832	33956761	39928108	17.368	17.044
Target Compounds							
2)	A alpha-BHC	3.799	3.188	185.4E6	173.5E6	52.607	51.821
3)	MA gamma-BHC...	4.128	3.516	174.6E6	162.9E6	53.009	51.849
4)	MA Heptachlor	4.711	3.856	174.3E6	173.8E6	53.017	53.006
5)	MB Aldrin	5.050	4.136	162.4E6	164.5E6	53.988	53.517
6)	B beta-BHC	4.324	3.812	76956715	67966665	51.492	50.517
7)	B delta-BHC	4.568	4.042	156.2E6	142.9E6	48.633	47.289
8)	B Heptachlo...	5.475	4.637	150.1E6	148.5E6	53.896	51.916
9)	A Endosulfan I	5.856	5.007	137.1E6	137.5E6	52.834	51.593
10)	B gamma-Chl...	5.729	4.889	152.9E6	152.4E6	54.723	52.330
11)	B alpha-Chl...	5.808	4.953	149.2E6	152.1E6	53.770	52.113
12)	B 4,4'-DDE	5.987	5.145	133.1E6	128.3E6	53.771	53.755
13)	MA Dieldrin	6.130	5.272	141.6E6	143.0E6	53.472	51.933
14)	MA Endrin	6.357	5.547	127.1E6	129.7E6	53.685	52.464
15)	B Endosulfa...	6.577	5.841	115.7E6	116.1E6	52.124	51.360
16)	A 4,4'-DDD	6.500	5.699	108.6E6	99414085	53.667	52.227
17)	MA 4,4'-DDT	6.814	5.950	117.5E6	114.1E6	52.016	52.619
18)	B Endrin al...	6.707	6.020	92228593	93082765	50.721	50.447
19)	B Endosulfa...	6.940	6.244	118.0E6	120.0E6	51.250	50.623
20)	A Methoxychlor	7.292	6.529	63035746	62420296	51.370	52.006
21)	B Endrin ke...	7.421	6.749	123.6E6	132.2E6	51.890	50.481
22)	Mirex	7.892	6.932	97077536	115.3E6	51.888	49.572

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
Data File : PL081056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 21:08
Operator : AR\AJ
Sample : 01610-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

CF-2MSD

Manual Integrations

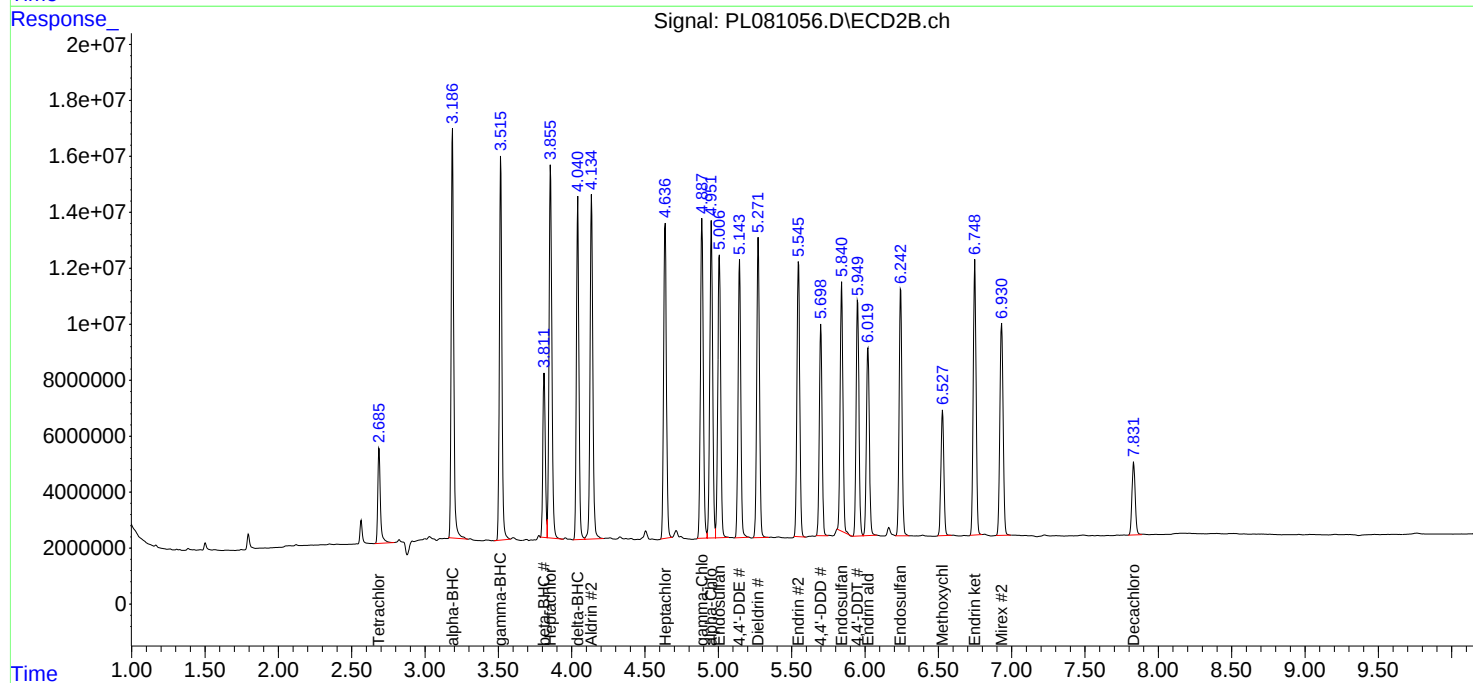
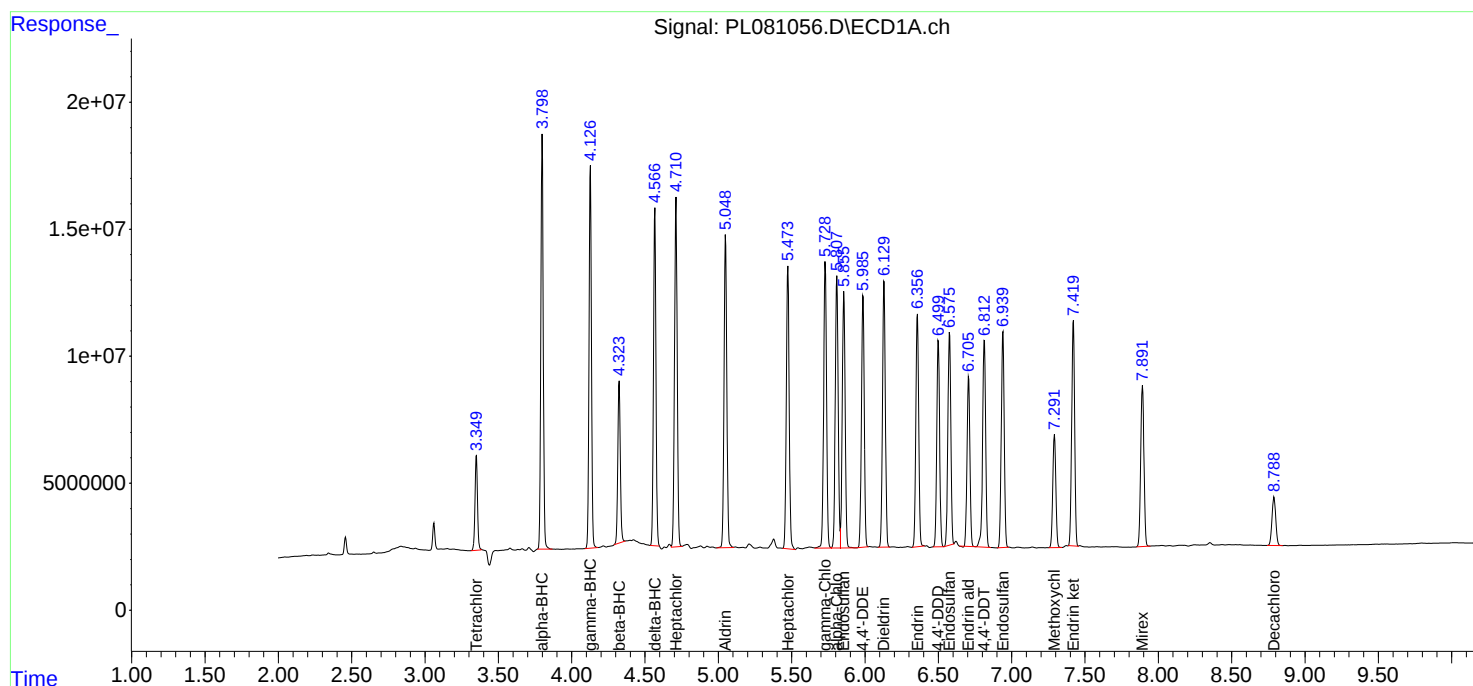
APPROVED

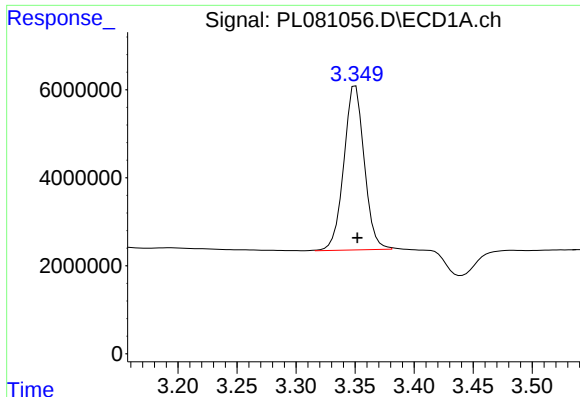
Reviewed By :Abdul Mirza 02/21/2023

Supervised By :Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:10:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





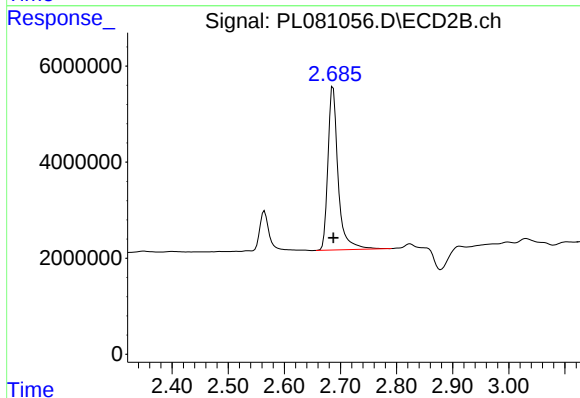
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 44925581
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

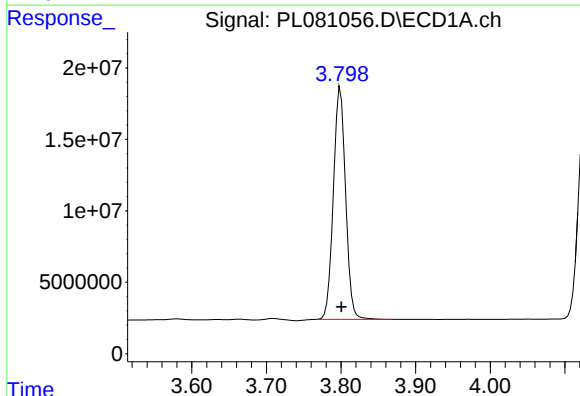
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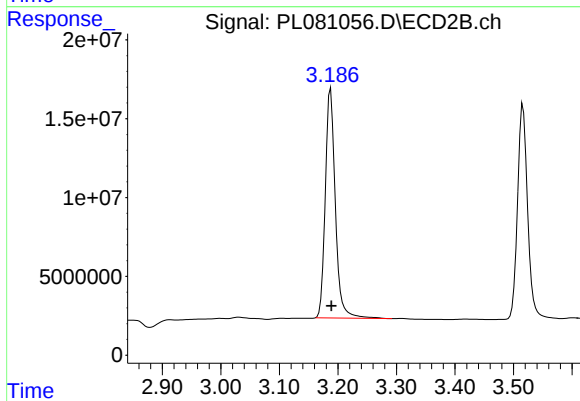
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 42991583
Conc: 18.68 ng/ml



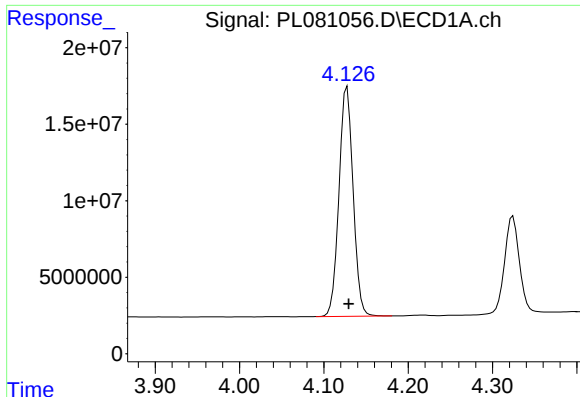
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 185402857
Conc: 52.61 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.001 min
Response: 173549149
Conc: 51.82 ng/ml



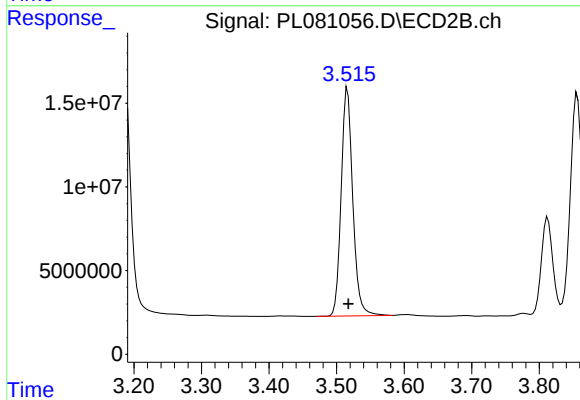
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 174591017
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

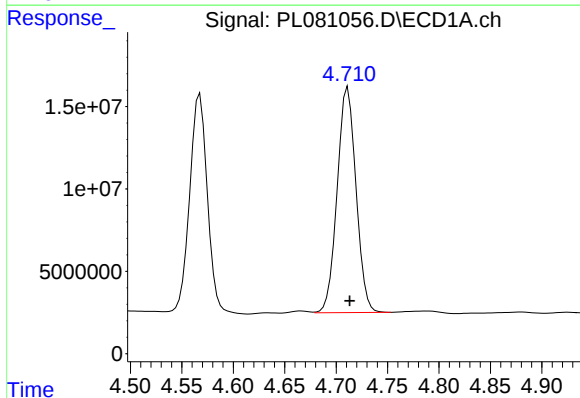
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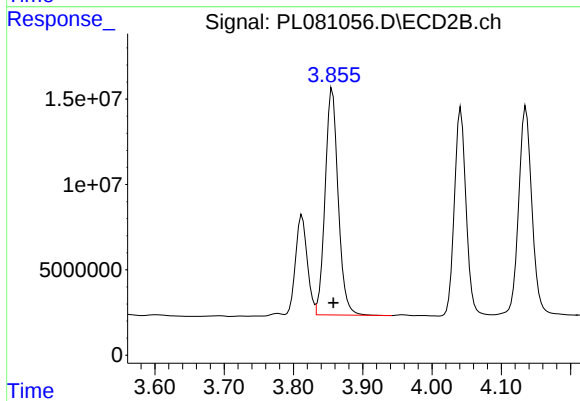
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.001 min
Response: 162862927
Conc: 51.85 ng/ml



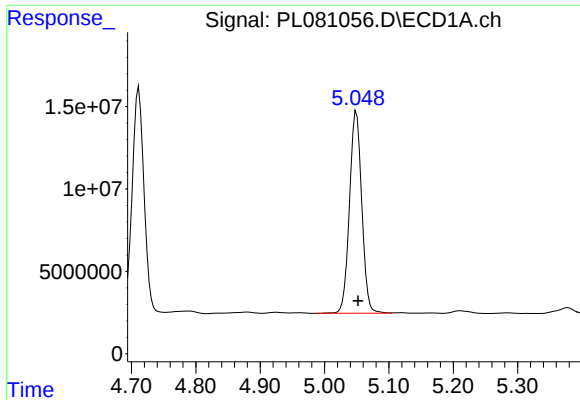
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 174349117
Conc: 53.02 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 173781200
Conc: 53.01 ng/ml



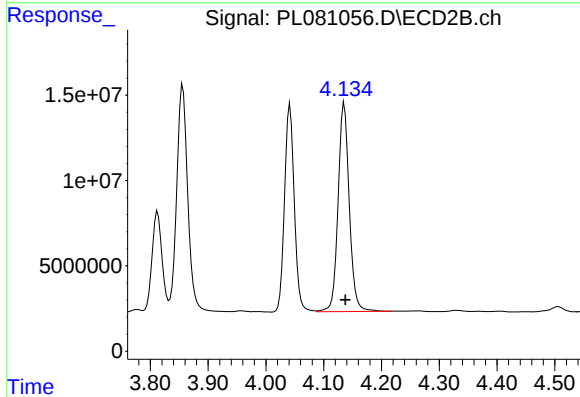
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 162407282
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

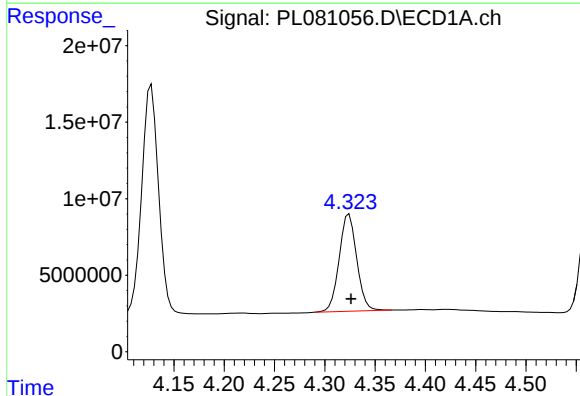
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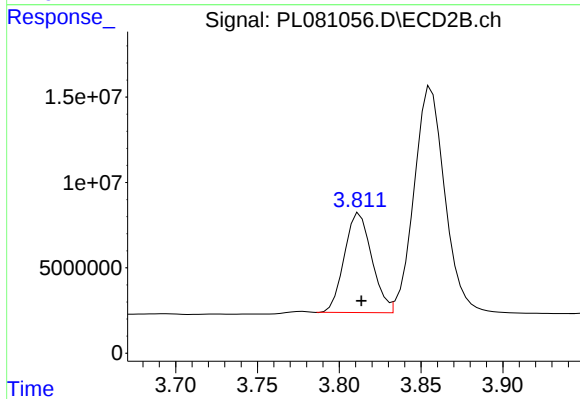
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 164487890
Conc: 53.52 ng/ml



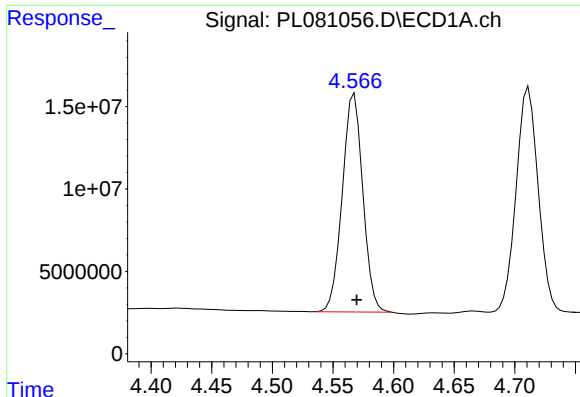
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 76956715
Conc: 51.49 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 67966665
Conc: 50.52 ng/ml



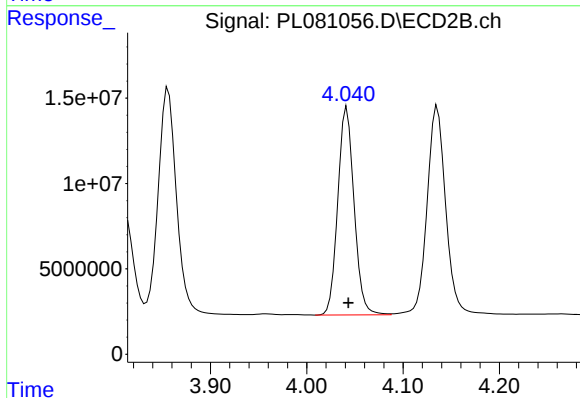
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 156153958
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

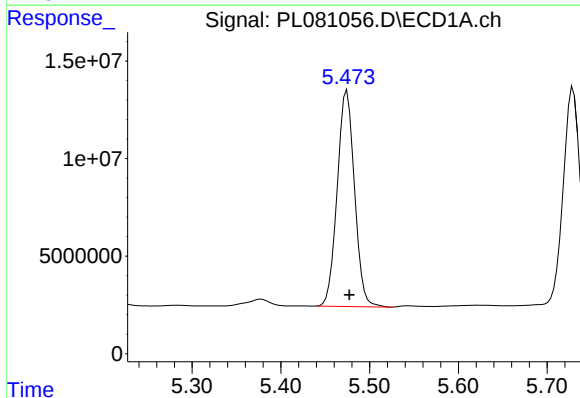
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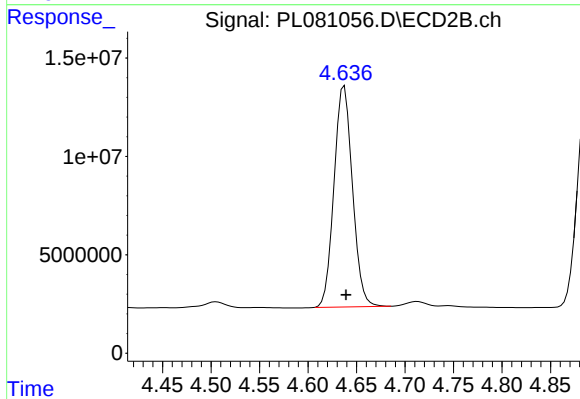
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 142873750
Conc: 47.29 ng/ml



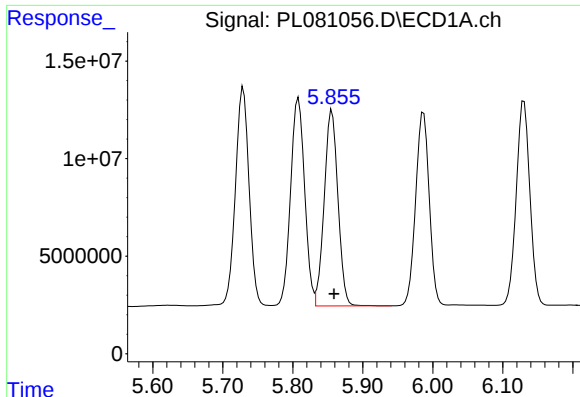
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.003 min
Response: 150079746
Conc: 53.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 148546640
Conc: 51.92 ng/ml



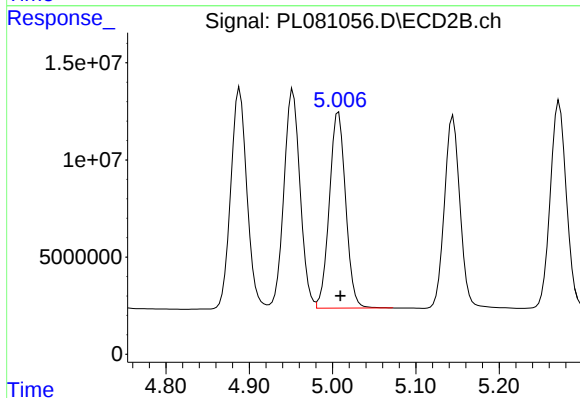
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 137088014
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

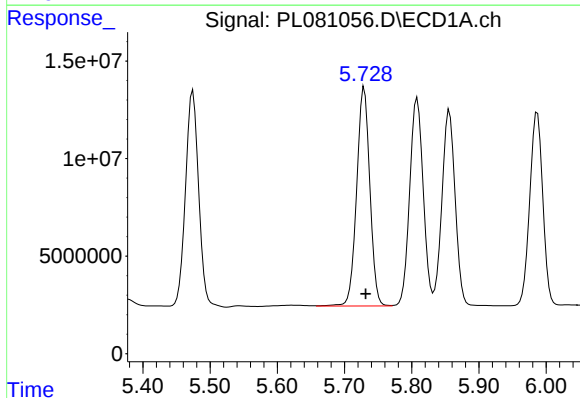
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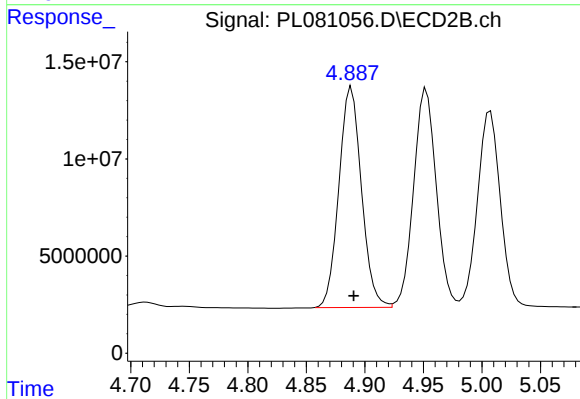
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 137512823
Conc: 51.59 ng/ml



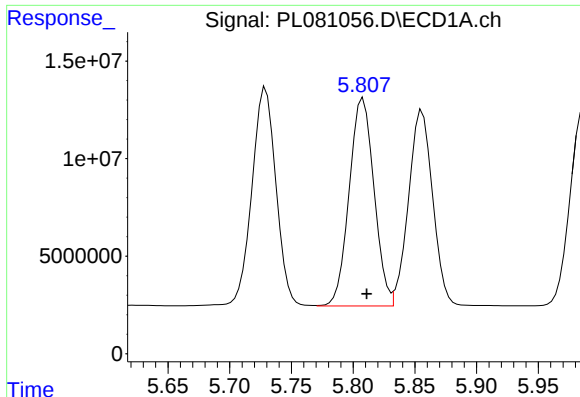
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 152864126
Conc: 54.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 152396105
Conc: 52.33 ng/ml



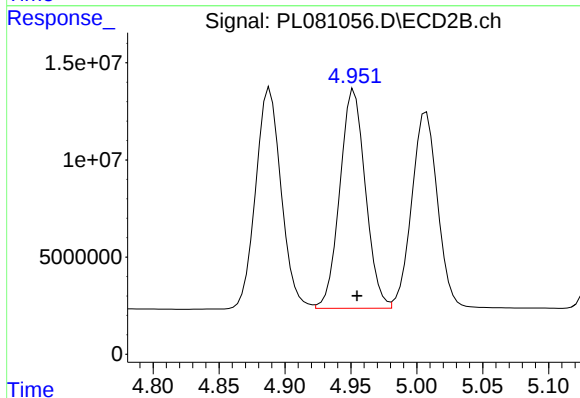
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 149193193
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

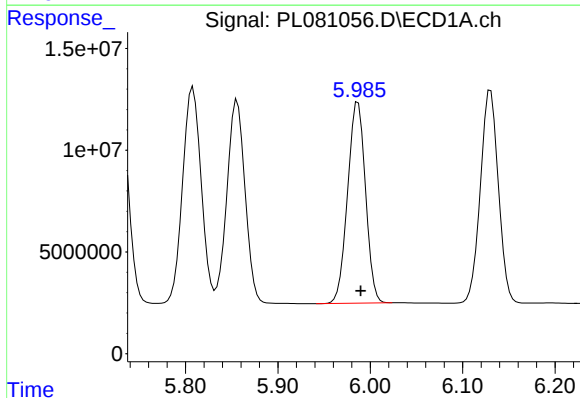
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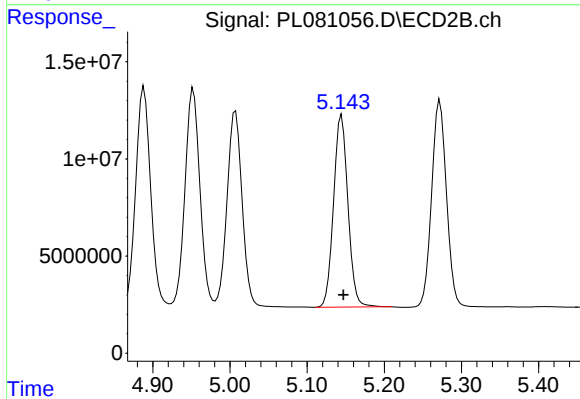
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 152148344
Conc: 52.11 ng/ml



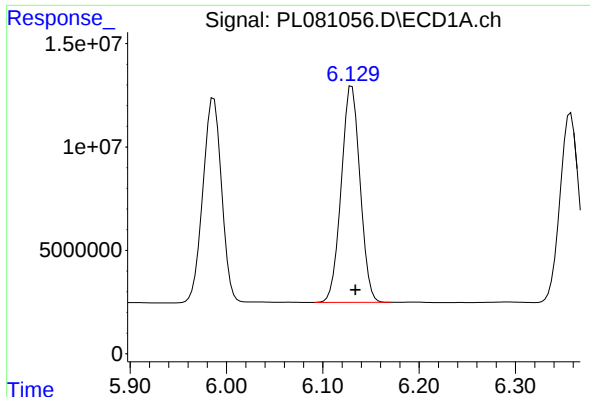
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 133096360
Conc: 53.77 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 128313791
Conc: 53.76 ng/ml



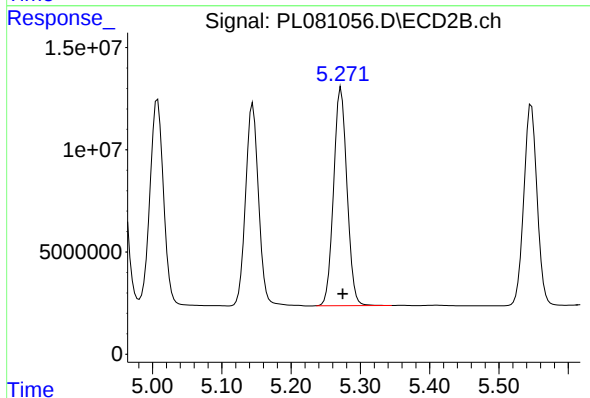
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 141604424
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

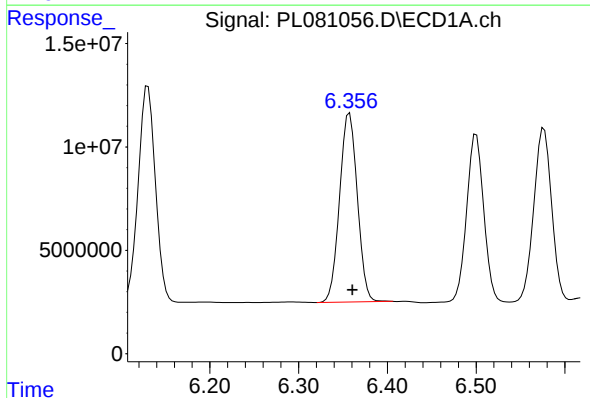
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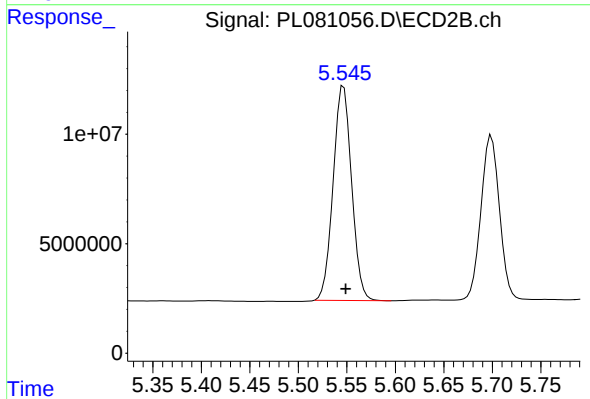
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 143046645
Conc: 51.93 ng/ml



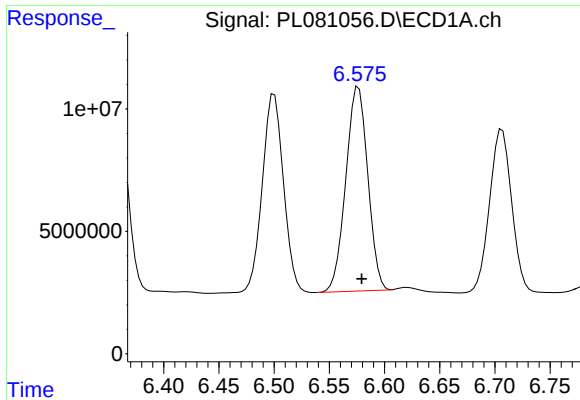
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 127096779
Conc: 53.68 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 129719575
Conc: 52.46 ng/ml



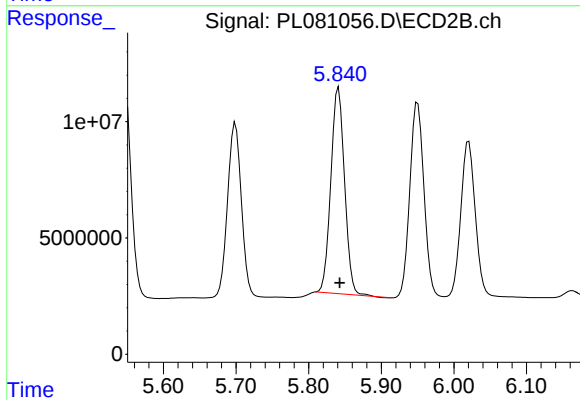
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 115711654
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

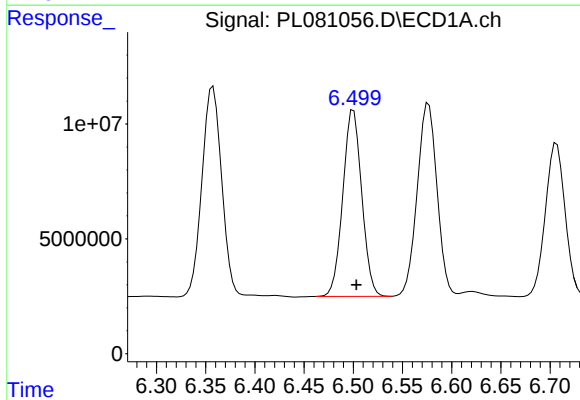
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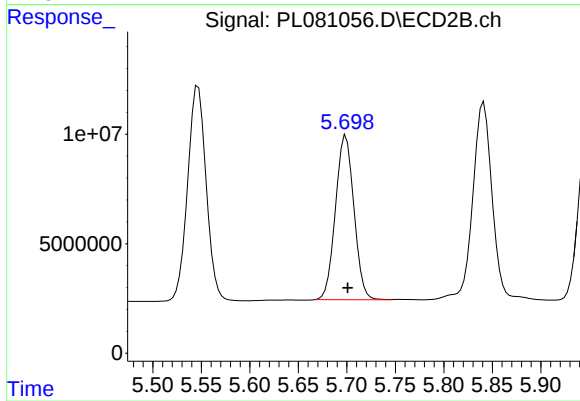
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 116133081
Conc: 51.36 ng/ml



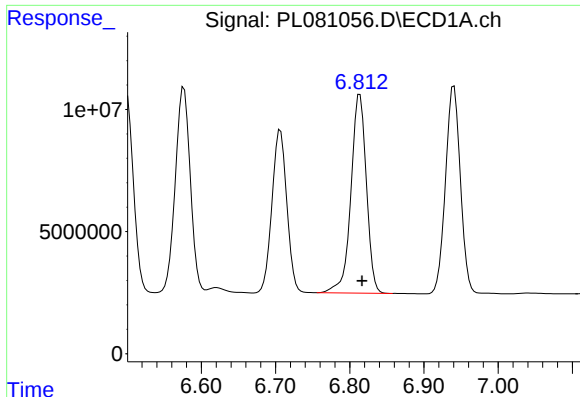
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.003 min
Response: 108550192
Conc: 53.67 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 99414085
Conc: 52.23 ng/ml



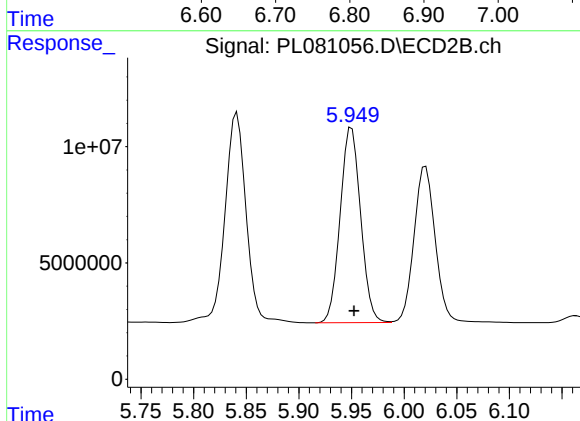
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 117524577
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

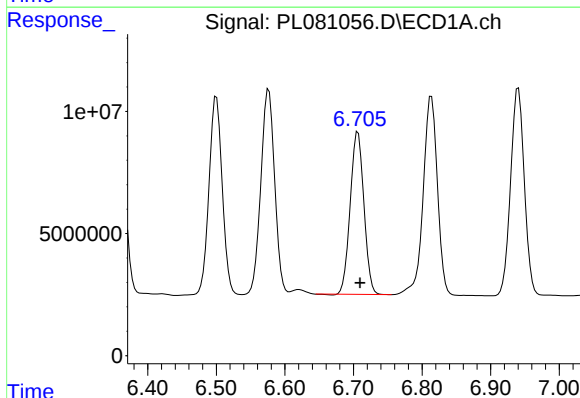
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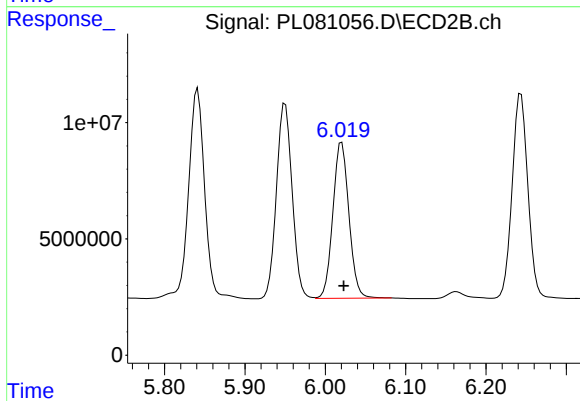
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 114083747
Conc: 52.62 ng/ml



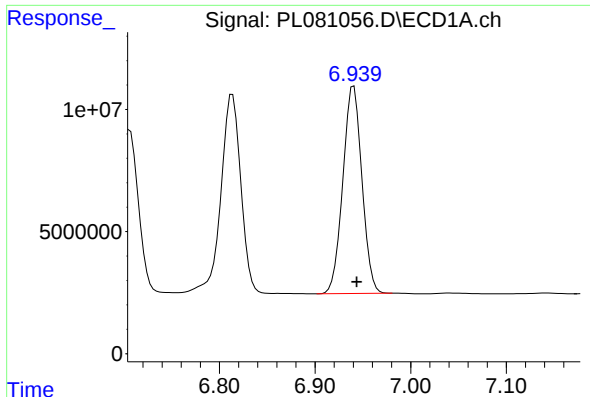
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 92228593
Conc: 50.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 93082765
Conc: 50.45 ng/ml



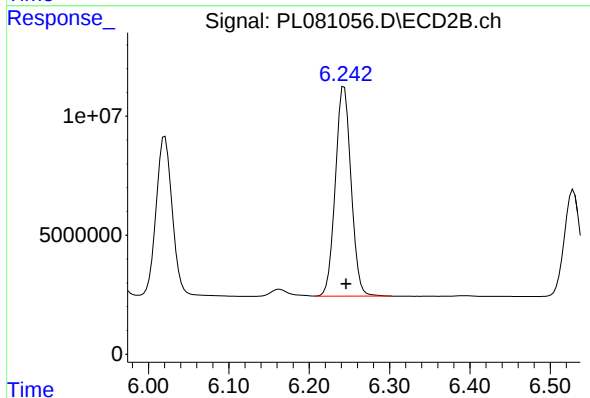
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 118031099
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

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#19 Endosulfan Sulfate

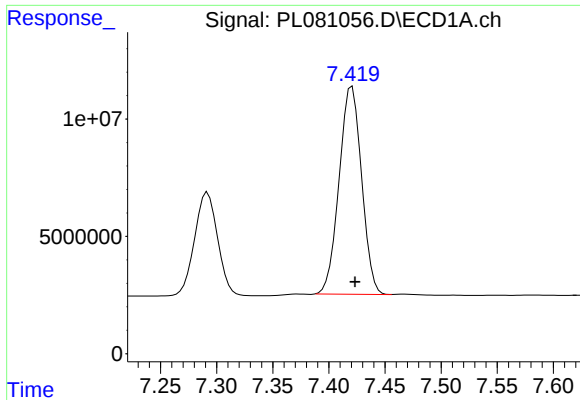
R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 119987154
Conc: 50.62 ng/ml

#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 63035746
Conc: 51.37 ng/ml

#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.002 min
Response: 62420296
Conc: 52.01 ng/ml



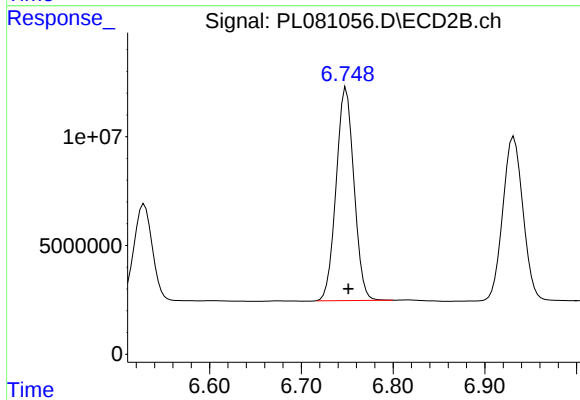
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 123574987
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

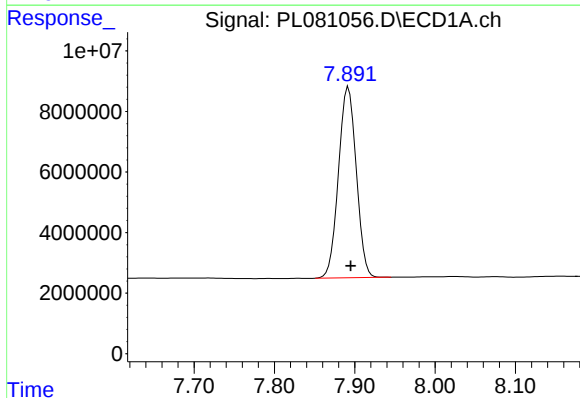
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Reviewed By :Abdul Mirza 02/21/2023
Supervised By :Ankita Jodhani 02/21/2023



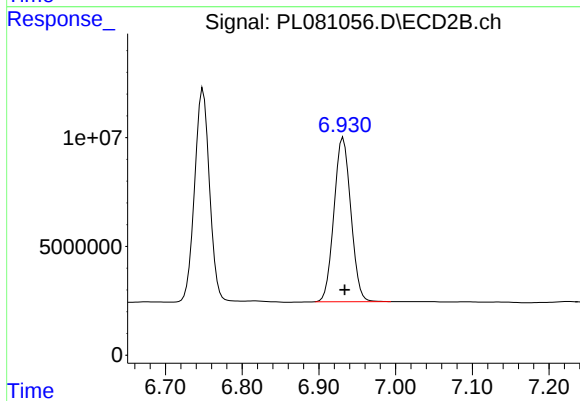
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 132175803
Conc: 50.48 ng/ml



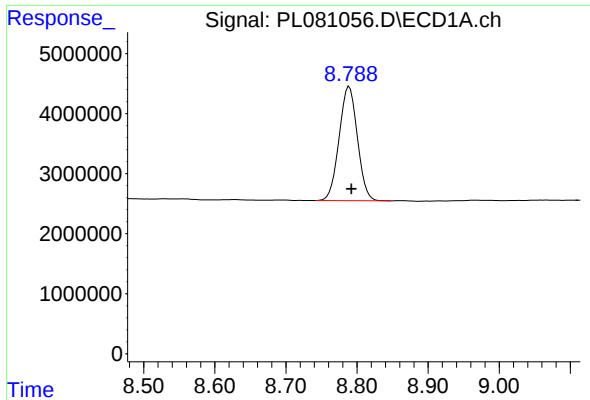
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 97077536
Conc: 51.89 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 115303841
Conc: 49.57 ng/ml



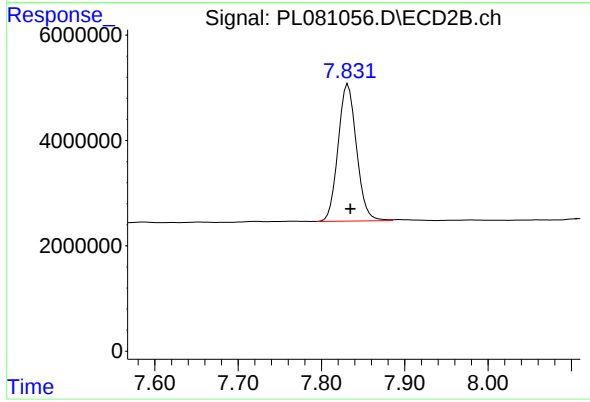
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 33956761
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.003 min
Response: 39928108
Conc: 17.04 ng/ml