

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 16:09
 Operator : AR\AJ
 Sample : 01581-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-CMSD

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 22:13:05 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...	3.351	2.689	33442164	32455487	15.592m	14.776
28)	SA Decachlor...	8.790	7.832	27164738	33410995	15.516	14.023
Target Compounds							
2)	A alpha-BHC	3.801	3.189	160.8E6	151.4E6	50.753	47.619
3)	MA gamma-BHC...	4.129	3.517	150.9E6	142.3E6	51.337	47.643
4)	MA Heptachlor	4.713	3.857	149.9E6	147.3E6	50.708	46.292
5)	MB Aldrin	5.051	4.137	138.8E6	140.8E6	50.752	47.745
6)	B beta-BHC	4.325	3.813	67311416	63487466	49.312	47.569
7)	B delta-BHC	4.568	4.043	137.9E6	125.6E6	47.622	43.534
8)	B Heptachlo...	5.476	4.639	130.2E6	129.8E6	50.311	46.664
9)	A Endosulfan I	5.858	5.008	119.2E6	117.5E6	50.484	45.152
10)	B gamma-Chl...	5.730	4.888	128.3E6	131.6E6	50.795	46.422m
11)	B alpha-Chl...	5.810	4.954	127.3E6	128.8E6	50.435	44.951
12)	B 4,4'-DDE	5.987	5.145	112.8E6	114.8E6	50.622	48.657m
13)	MA Dieldrin	6.132	5.273	121.7E6	122.9E6	50.841	45.443
14)	MA Endrin	6.359	5.546	108.7E6	109.0E6	50.273	46.947m
15)	B Endosulfa...	6.579	5.842	81864553	103.4E6	35.712	49.623 #
16)	A 4,4'-DDD	6.502	5.700	97841561	95467583	53.407	50.802
17)	MA 4,4'-DDT	6.815	5.952	95418743	93092732	45.926	44.299
18)	B Endrin al...	6.708	6.021	80964182	83428626	48.674	45.687
19)	B Endosulfa...	6.942	6.245	100.6E6	106.5E6	48.599	45.773
20)	A Methoxychlor	7.293	6.529	50252029	52993634	45.547	43.671
21)	B Endrin ke...	7.422	6.750	109.4E6	120.5E6	49.593	47.199
22)	Mirex	7.894	6.933	83438789	100.1E6	48.517	43.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081007.D
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 Acq On : 17 Feb 2023 16:09
 Operator : AR\AJ
 Sample : 01581-04MSD
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Instrument :

ECD_L

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MH-CMSD

Manual Integrations

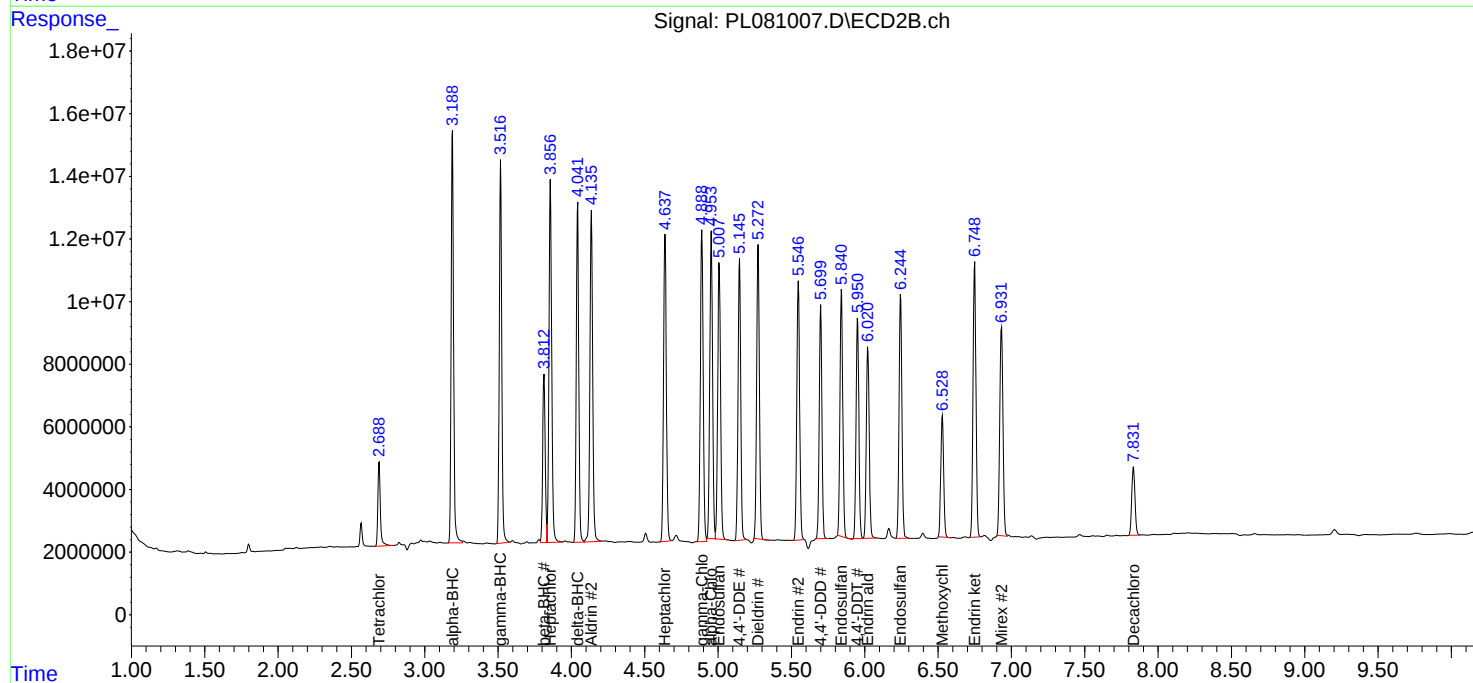
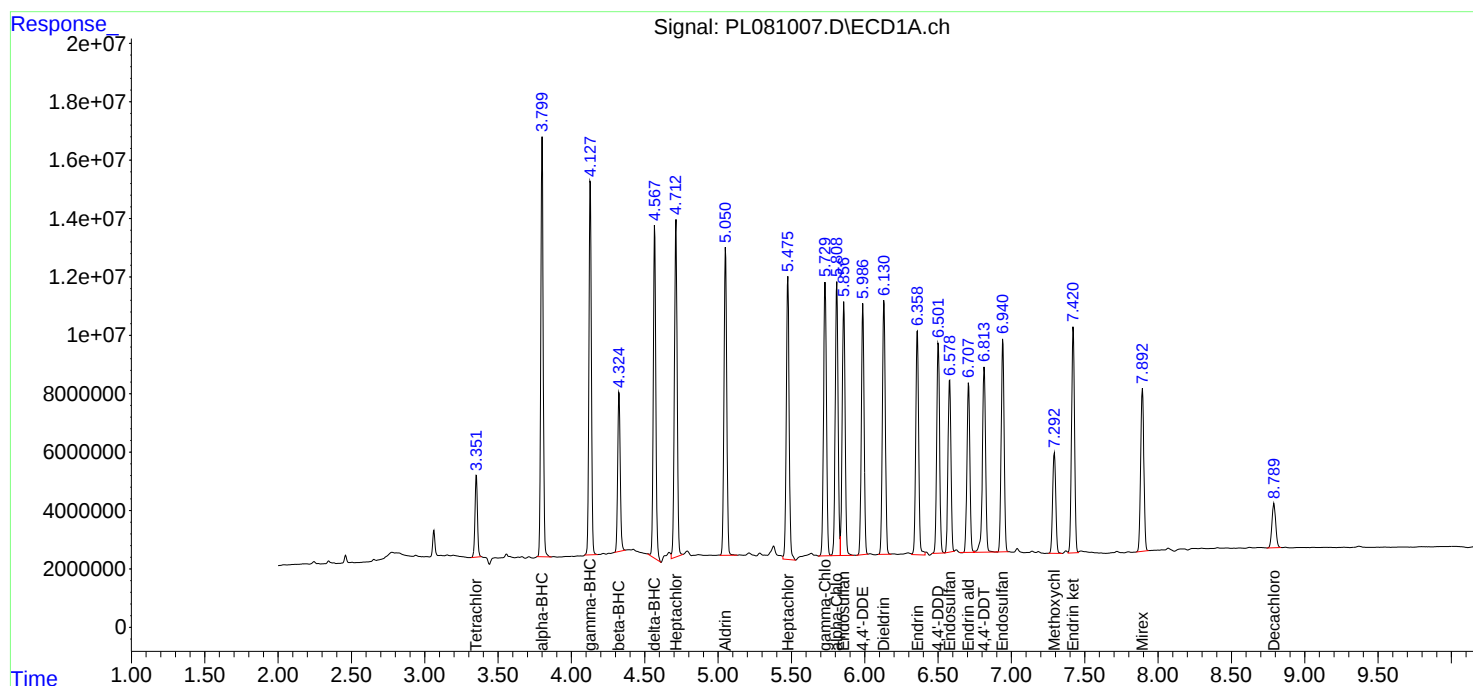
APPROVED

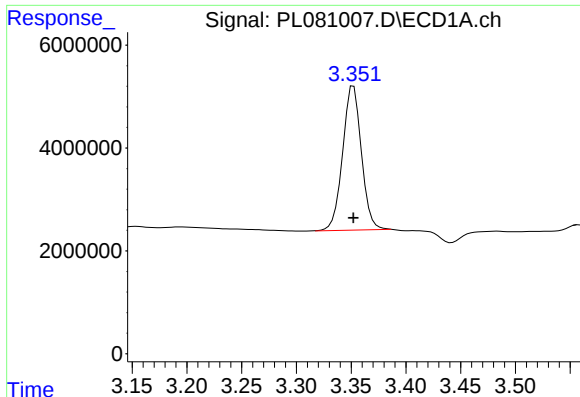
Reviewed By :Abdul Mirza 02/20/2023

Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:13:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





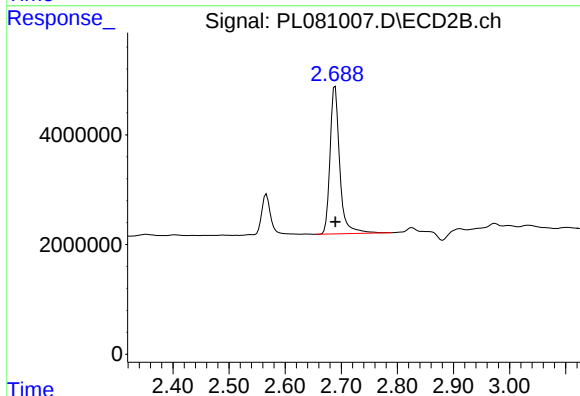
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 33442164
Conc: 15.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

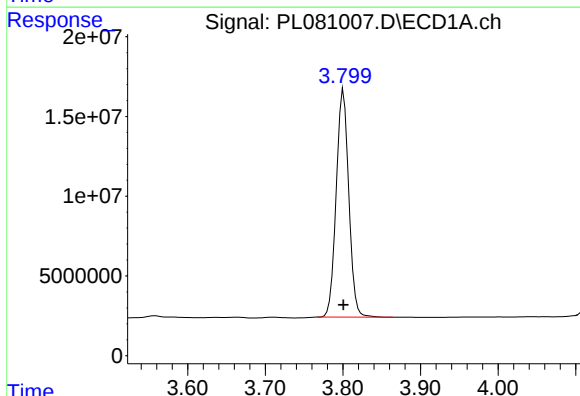
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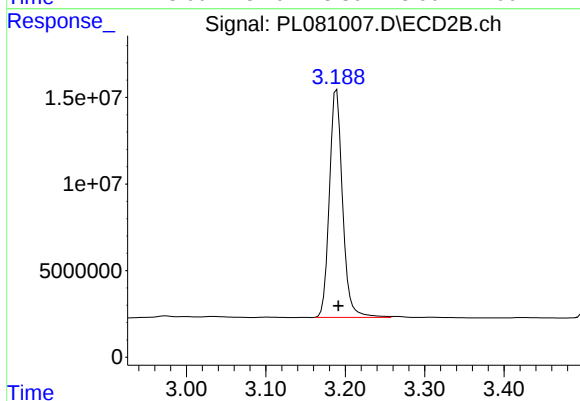
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 32455487
Conc: 14.78 ng/ml



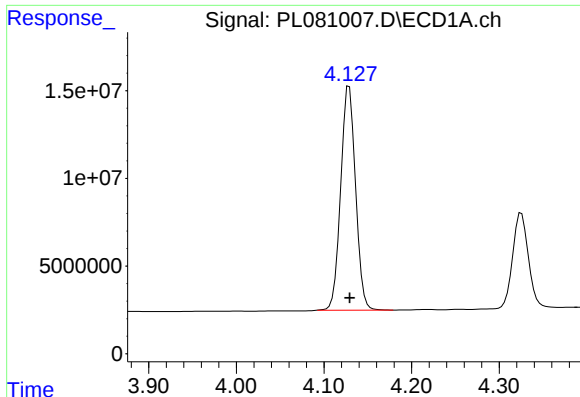
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 160787451
Conc: 50.75 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 151447281
Conc: 47.62 ng/ml



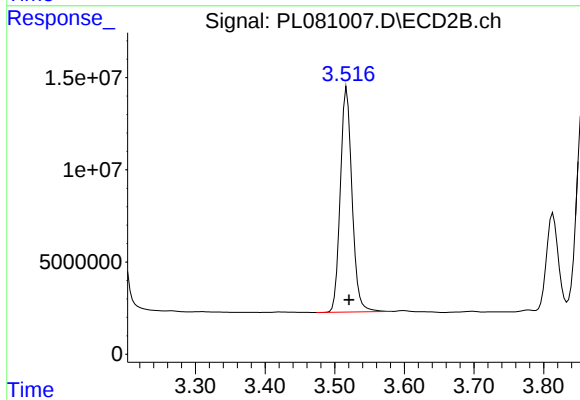
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 150919197
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

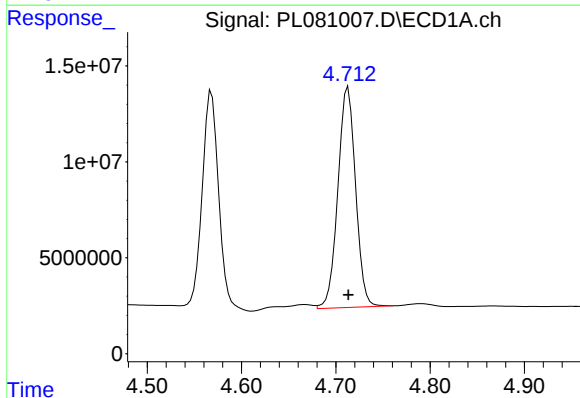
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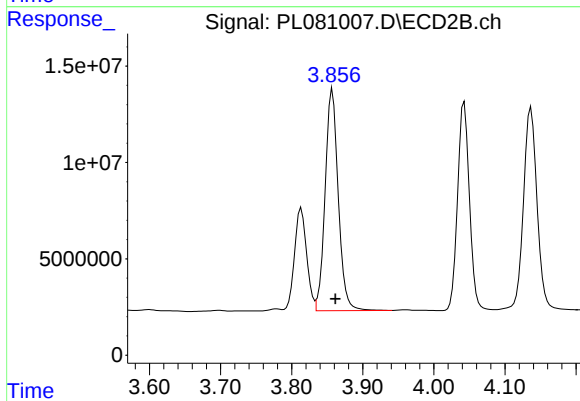
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 142325384
Conc: 47.64 ng/ml



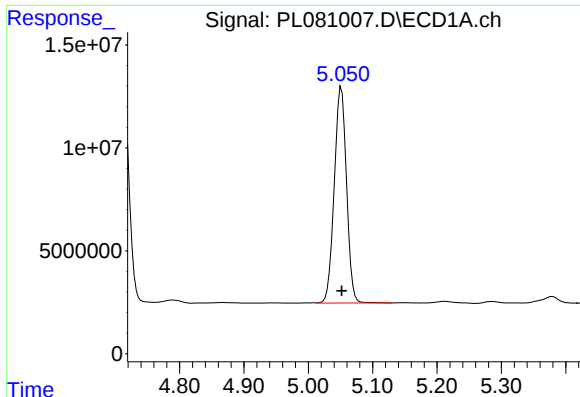
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 149853521
Conc: 50.71 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 147316916
Conc: 46.29 ng/ml



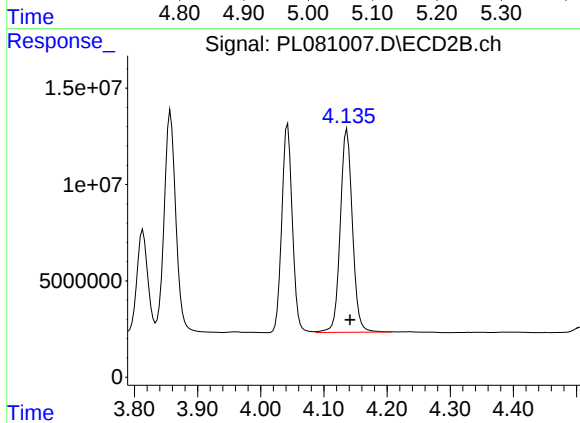
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 138846459
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

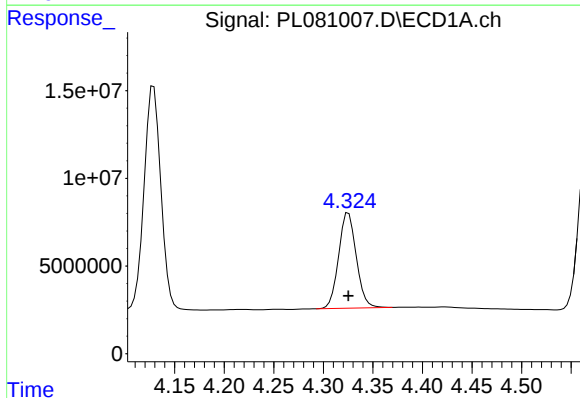
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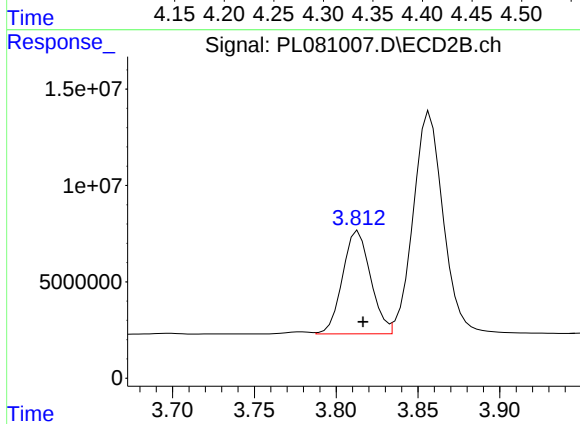
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 140827813
Conc: 47.75 ng/ml



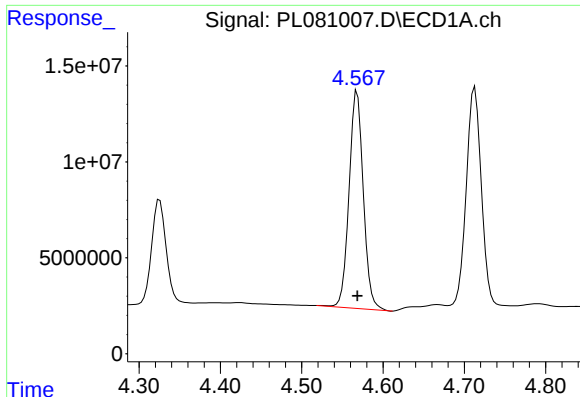
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 67311416
Conc: 49.31 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 63487466
Conc: 47.57 ng/ml



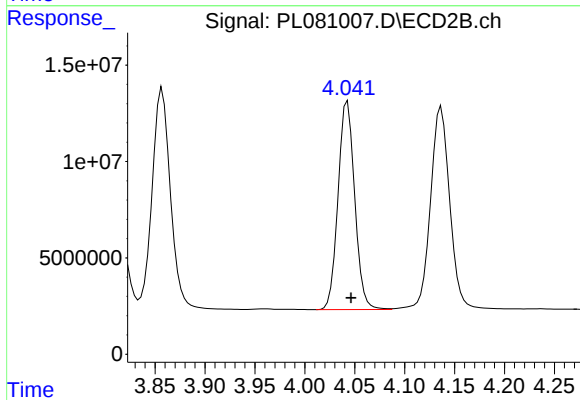
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 137865744
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

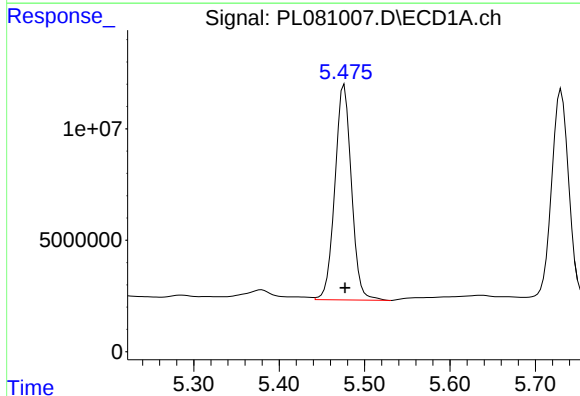
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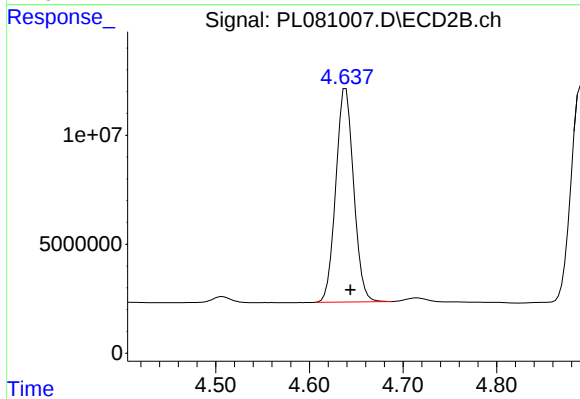
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 125570095
Conc: 43.53 ng/ml



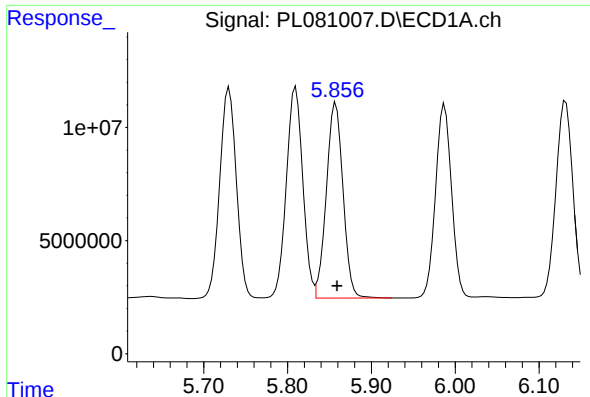
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 130156816
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 129836403
Conc: 46.66 ng/ml



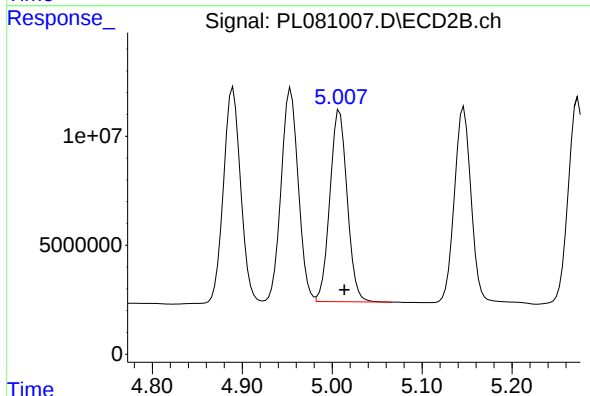
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 119216573
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

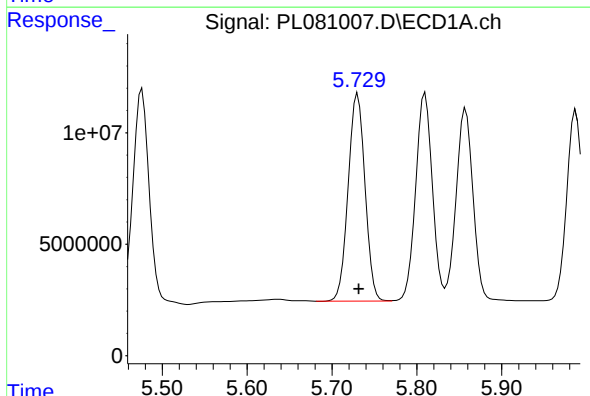
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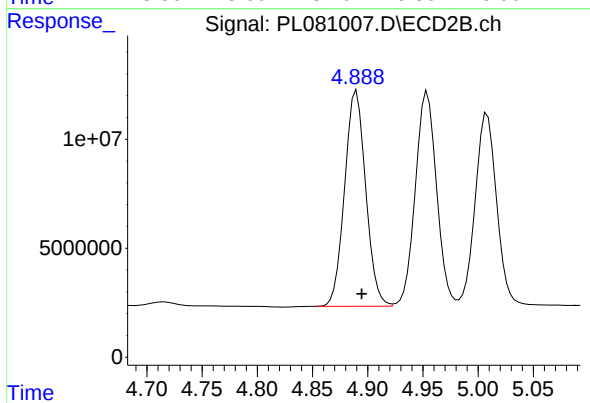
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 117456516
Conc: 45.15 ng/ml



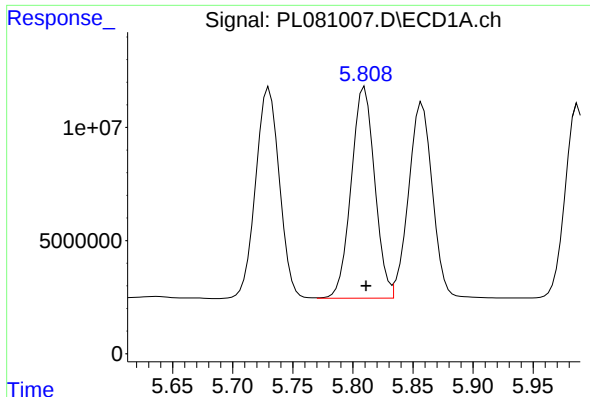
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.001 min
Response: 128295402
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 131569460
Conc: 46.42 ng/ml m



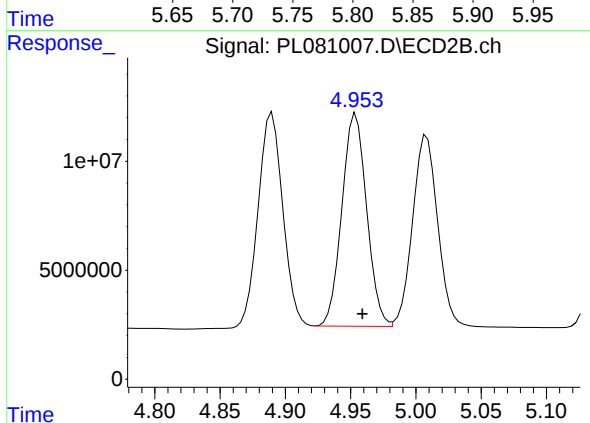
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 127312465
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

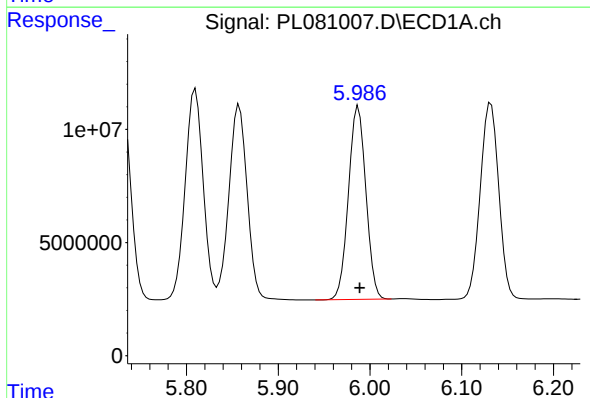
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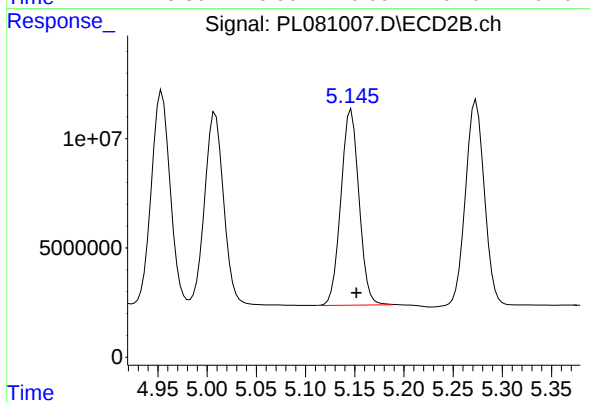
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 128771043
Conc: 44.95 ng/ml



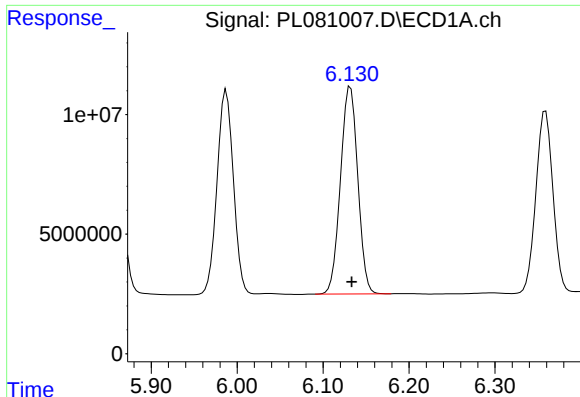
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 112751592
Conc: 50.62 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 114773261
Conc: 48.66 ng/ml m



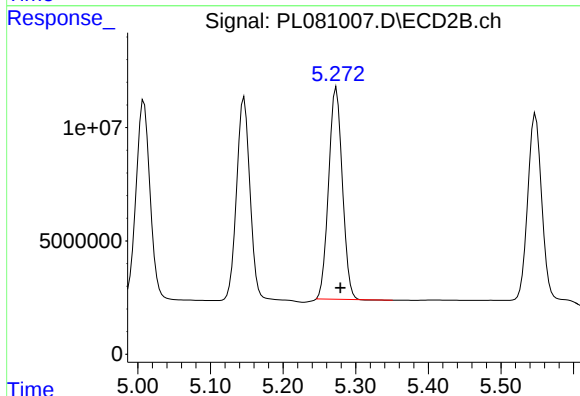
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 121680460
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

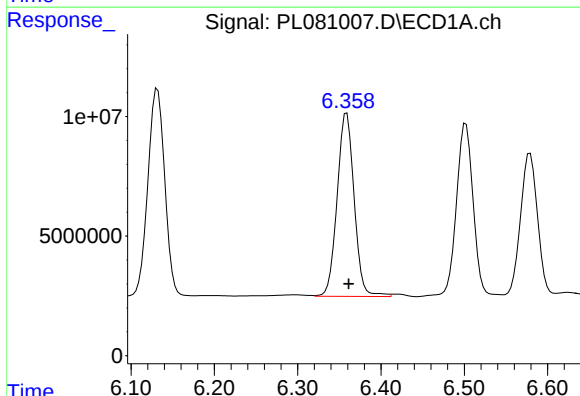
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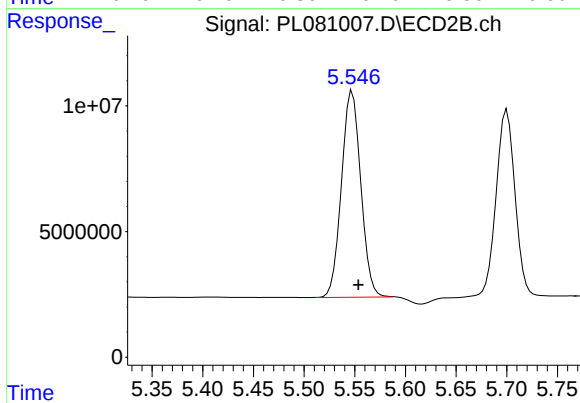
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 122921222
Conc: 45.44 ng/ml



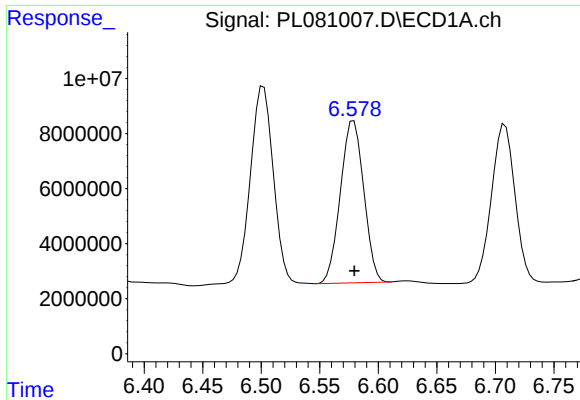
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 108725697
Conc: 50.27 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 108970406
Conc: 46.95 ng/ml m



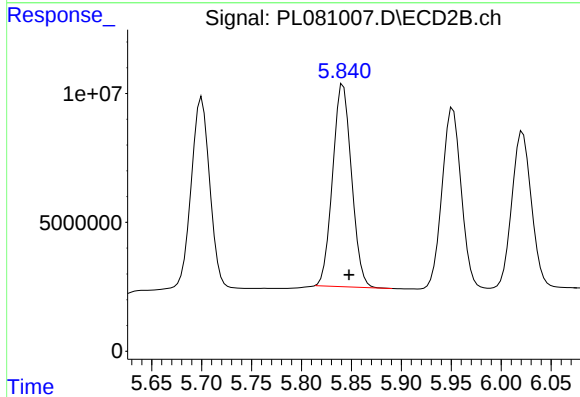
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 81864553
Conc: 35.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

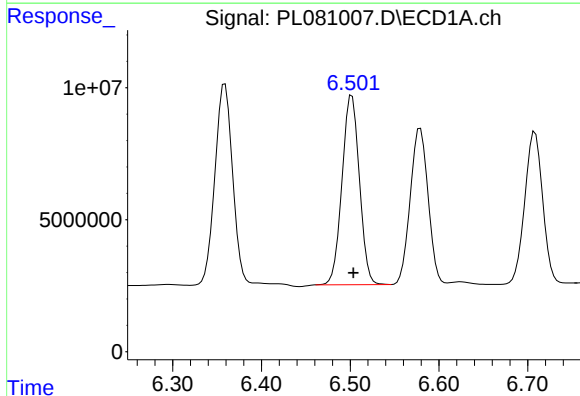
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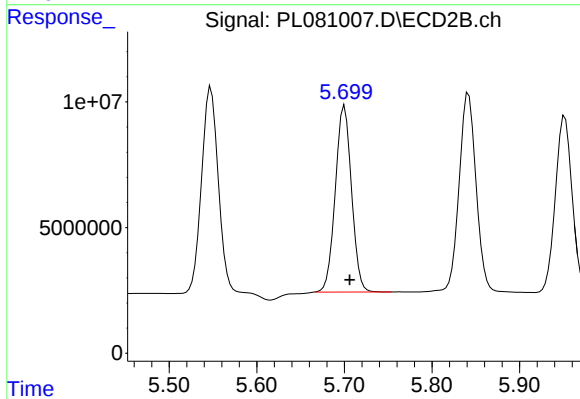
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 103401450
Conc: 49.62 ng/ml



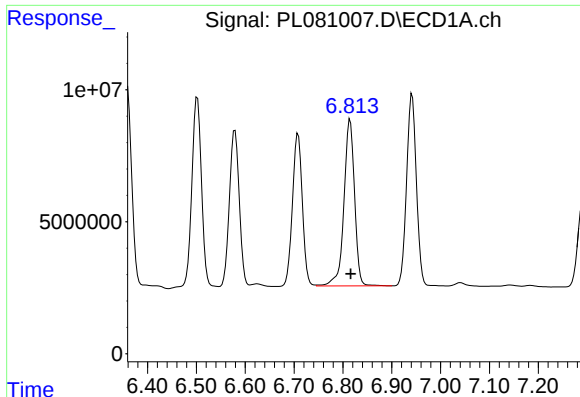
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 97841561
Conc: 53.41 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 95467583
Conc: 50.80 ng/ml



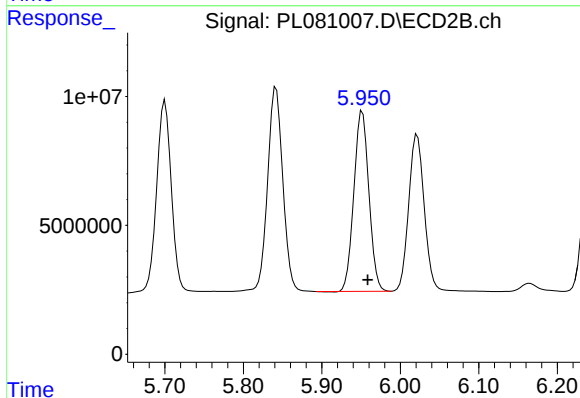
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 95418743
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

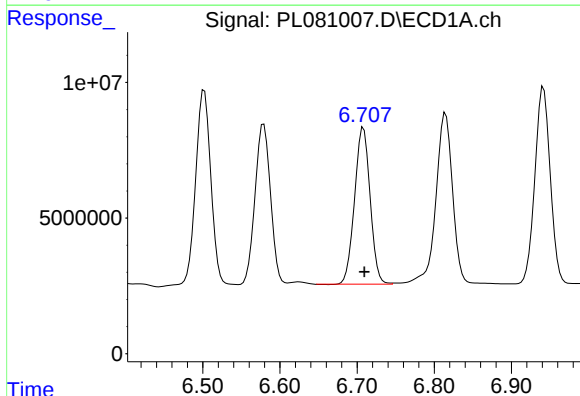
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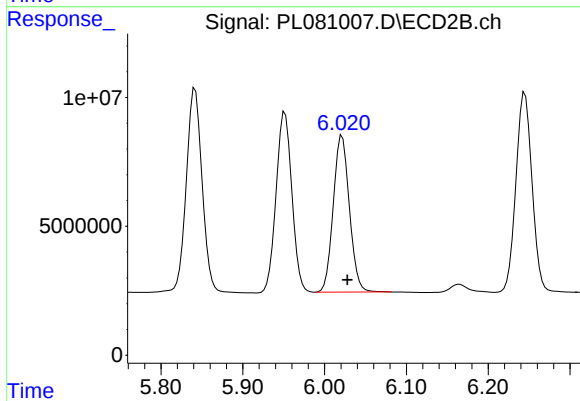
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 93092732
Conc: 44.30 ng/ml



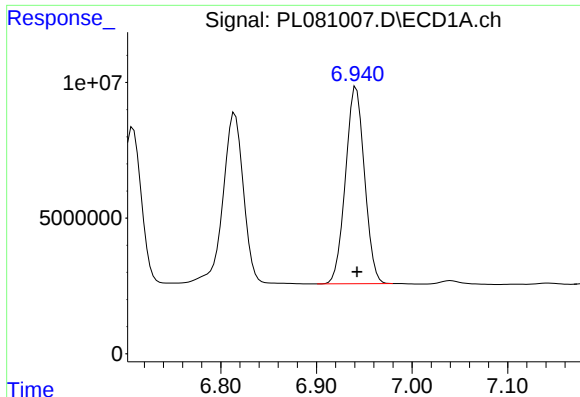
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 80964182
Conc: 48.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 83428626
Conc: 45.69 ng/ml



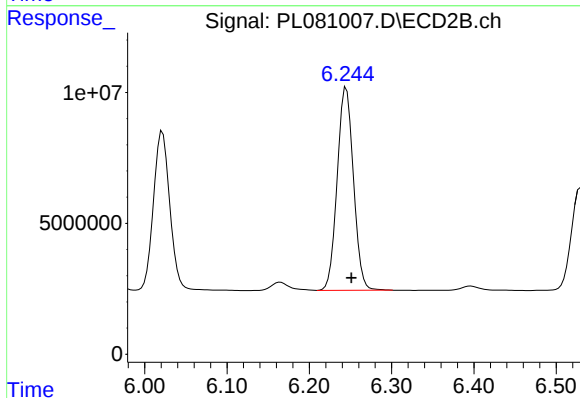
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.001 min
Response: 100595136
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

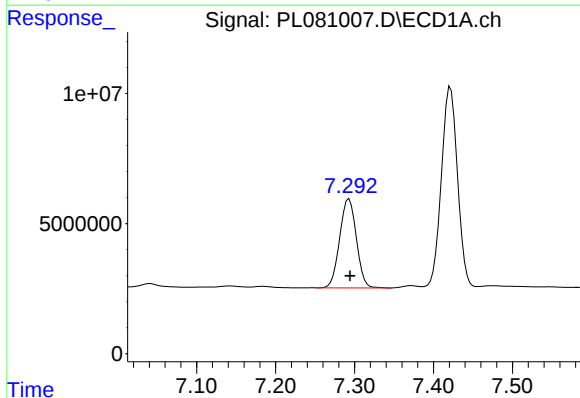
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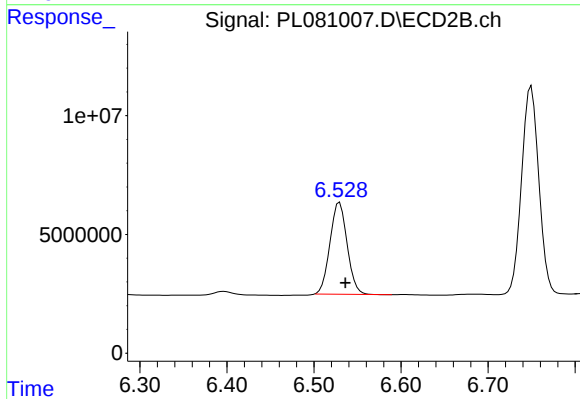
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 106452894
Conc: 45.77 ng/ml



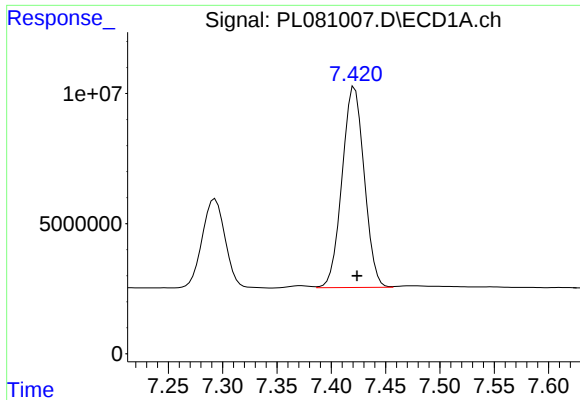
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 50252029
Conc: 45.55 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 52993634
Conc: 43.67 ng/ml



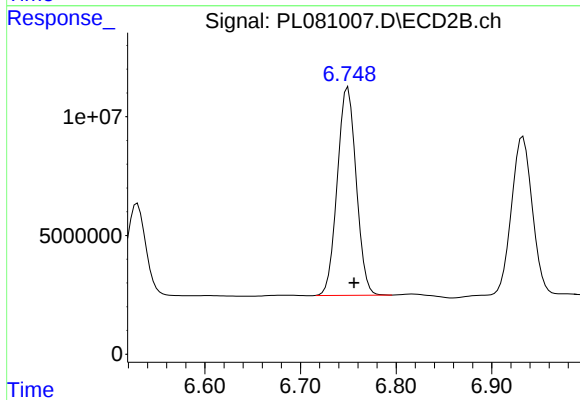
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 109420102
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

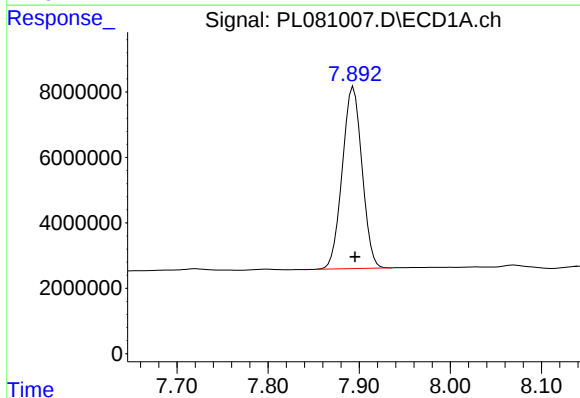
Manual Integrations
APPROVED

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



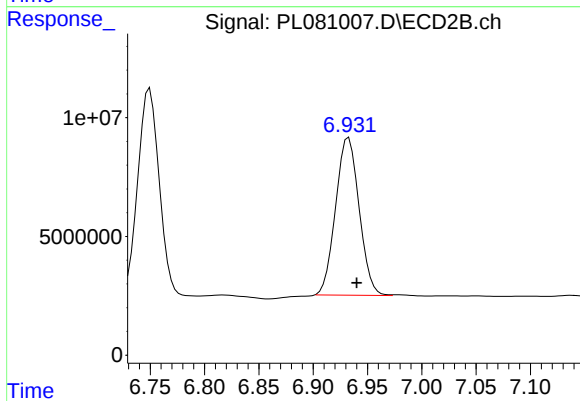
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 120509386
Conc: 47.20 ng/ml



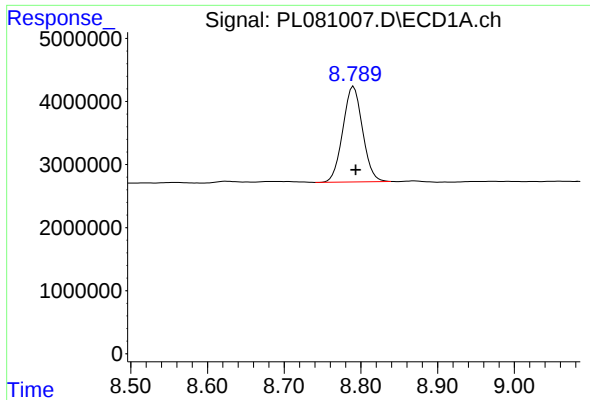
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 83438789
Conc: 48.52 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 100127621
Conc: 43.98 ng/ml



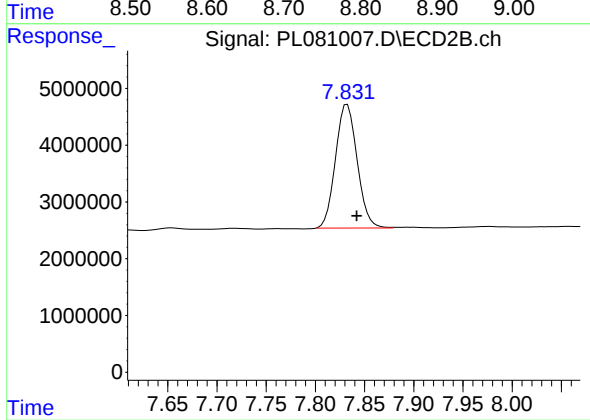
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 27164738
Conc: 15.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 33410995
Conc: 14.02 ng/ml