

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 09:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2023
 Supervised By : Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:24:41 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...	3.360	2.686	112.4E6	108.7E6	52.416	49.510
28)	SA Decachlor...	8.797	7.834	85555465	105.3E6	48.868	44.195
Target Compounds							
2)	A alpha-BHC	3.808	3.187	174.1E6	158.2E6	54.965	49.736
3)	MA gamma-BHC...	4.136	3.515	161.0E6	149.4E6	54.756	50.000
4)	MA Heptachlor	4.720	3.856	160.1E6	155.5E6	54.189	48.875
5)	MB Aldrin	5.059	4.135	145.5E6	143.9E6	53.172	48.799
6)	B beta-BHC	4.333	3.811	69399394	65146390	50.841	48.812
7)	B delta-BHC	4.576	4.042	161.0E6	144.9E6	55.628	50.234
8)	B Heptachlo...	5.483	4.638	135.5E6	133.4E6	52.373	47.957
9)	A Endosulfan I	5.865	5.007	123.7E6	123.2E6	52.385	47.365
10)	B gamma-Chl...	5.738	4.887	135.3E6	136.0E6	53.585	47.996m
11)	B alpha-Chl...	5.817	4.953	133.3E6	133.8E6	52.807	46.724
12)	B 4,4'-DDE	5.995	5.144	118.9E6	115.8E6	53.376	49.089m
13)	MA Dieldrin	6.139	5.271	127.4E6	129.0E6	53.210	47.685m
14)	MA Endrin	6.366	5.547	112.3E6	114.3E6	51.910	49.240
15)	B Endosulfa...	6.585	5.841	106.6E6	105.8E6	46.523	50.757
16)	A 4,4'-DDD	6.509	5.700	98047667	96734480	53.520	51.476
17)	MA 4,4'-DDT	6.821	5.951	103.6E6	103.9E6	49.856	49.438
18)	B Endrin al...	6.713	6.021	84580752	85965767	50.848	47.076
19)	B Endosulfa...	6.947	6.244	108.3E6	111.8E6	52.311	48.071
20)	A Methoxychlor	7.300	6.529	56483170	56328285	51.195	46.419
21)	B Endrin ke...	7.428	6.749	118.2E6	123.6E6	53.576	48.405
22)	Mirex	7.899	6.932	87556025	103.7E6	50.911	45.563

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

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Data File : PL080965.D
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Acq On : 16 Feb 2023 09:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

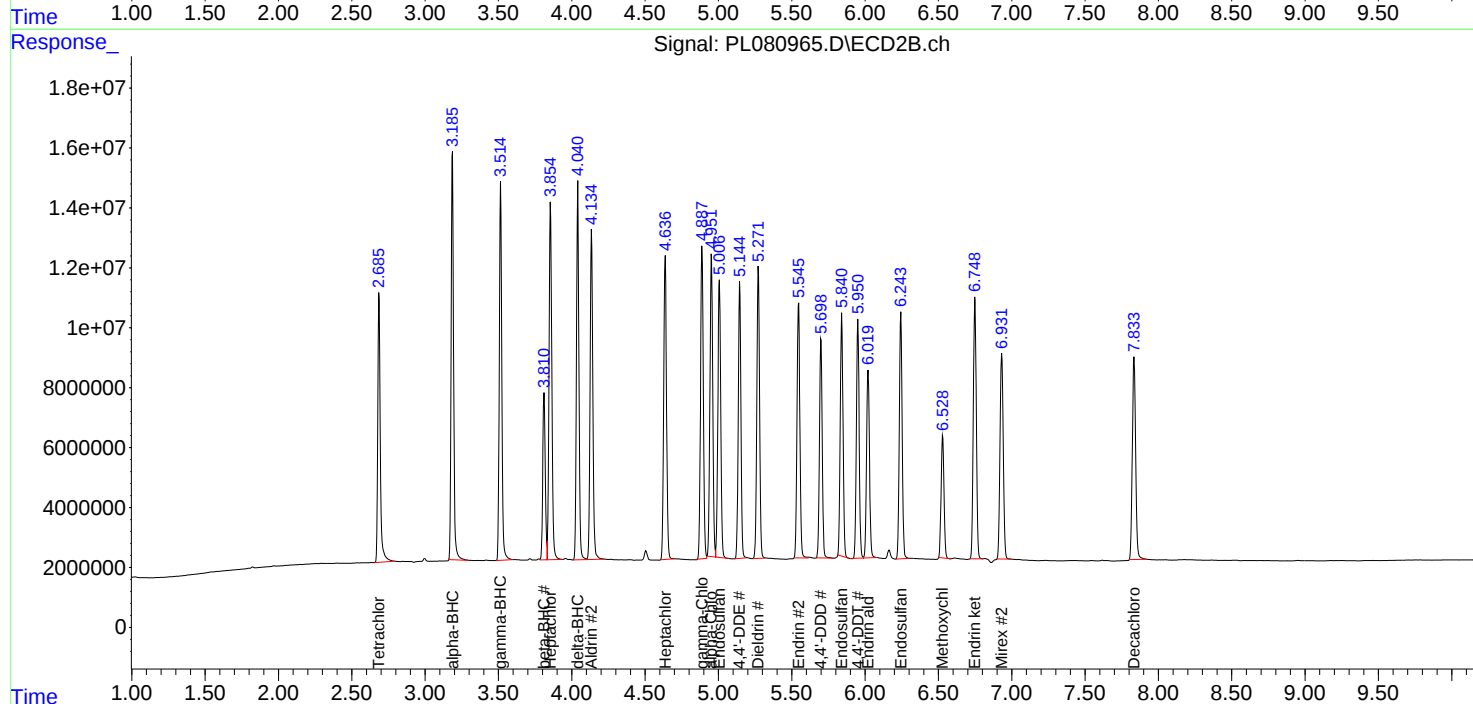
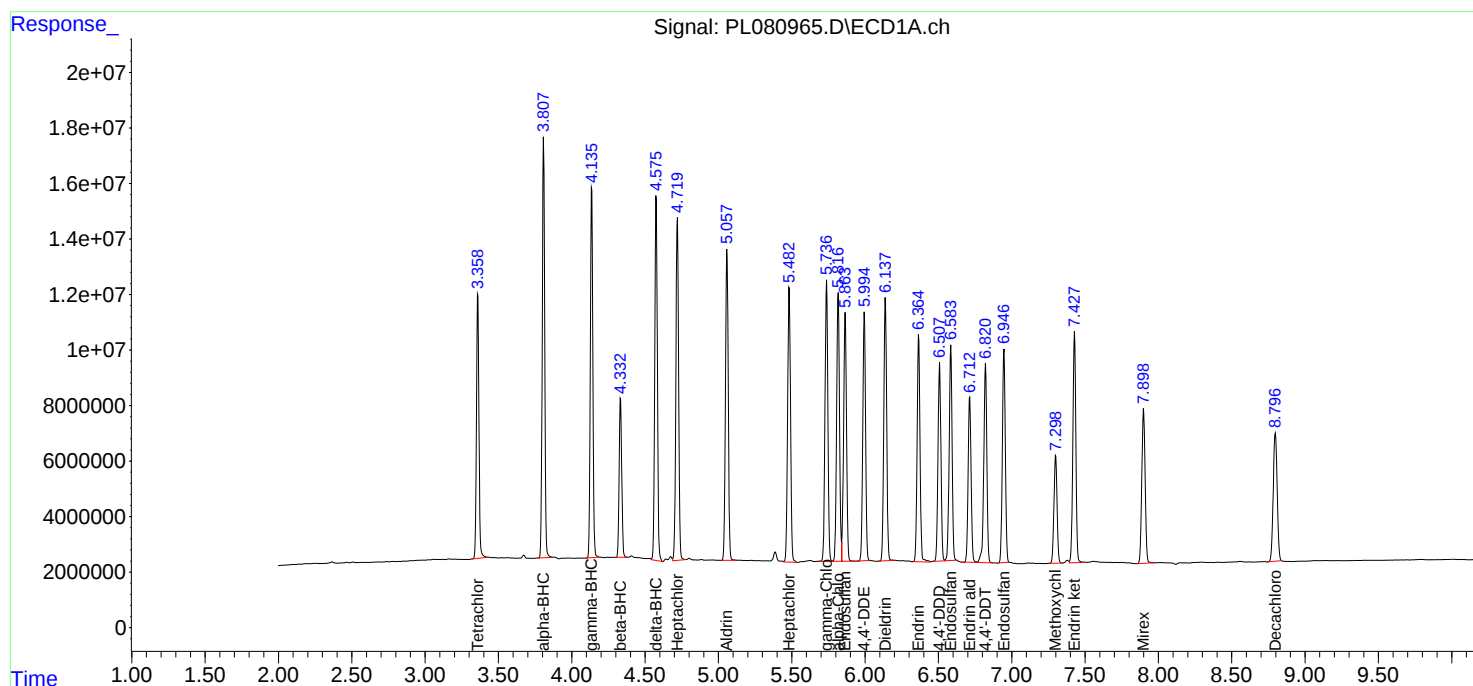
Manual Integrations

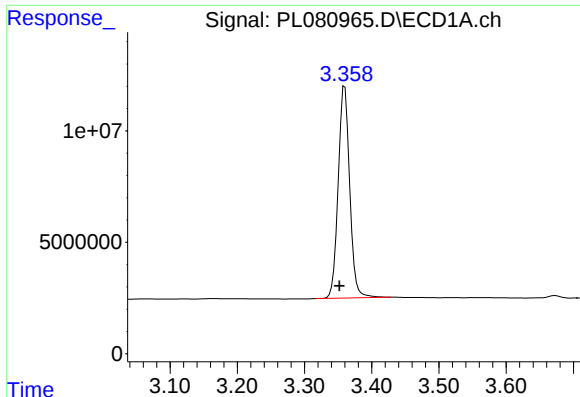
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Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: 16 Feb 20:24:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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Volume Inj. : 1 µl
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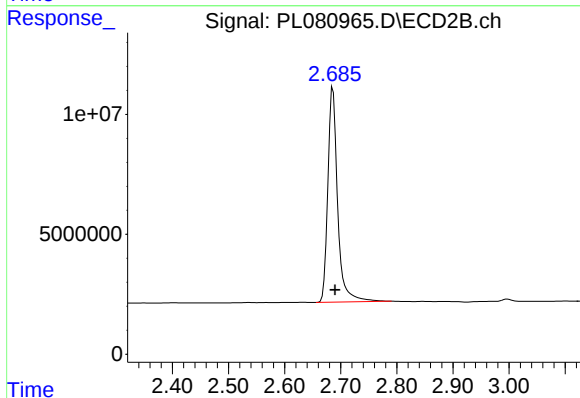
#1 Tetrachloro-m-xylene

R.T.: 3.360 min
Delta R.T.: 0.008 min
Response: 112422589
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

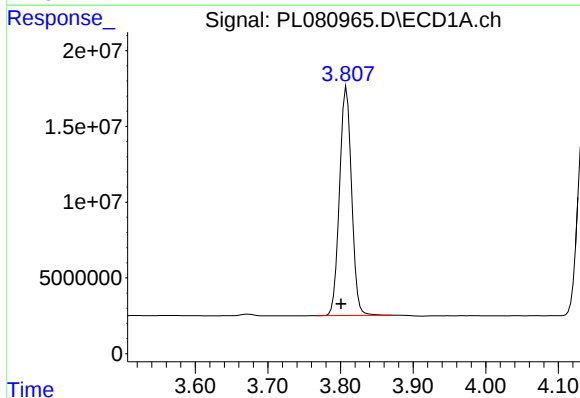
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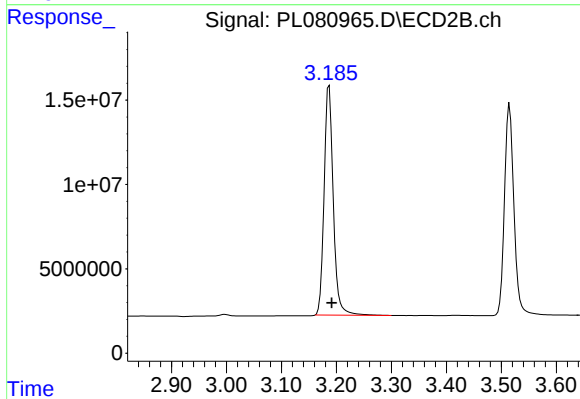
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 108747508
Conc: 49.51 ng/ml



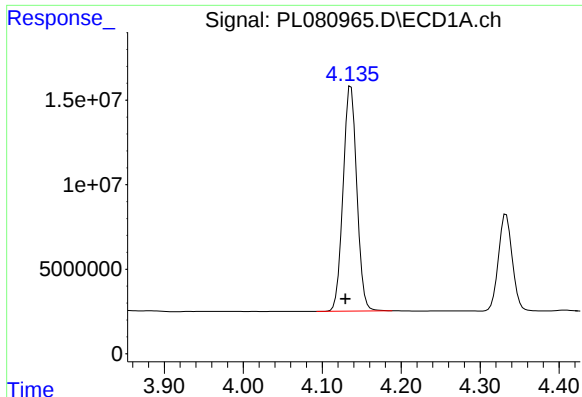
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.008 min
Response: 174132103
Conc: 54.97 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.005 min
Response: 158180469
Conc: 49.74 ng/ml



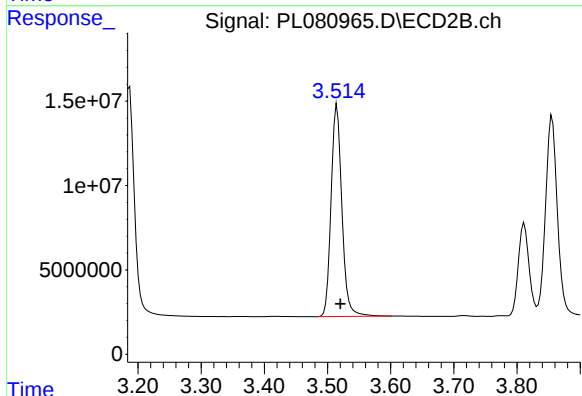
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.007 min
Response: 160969414
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

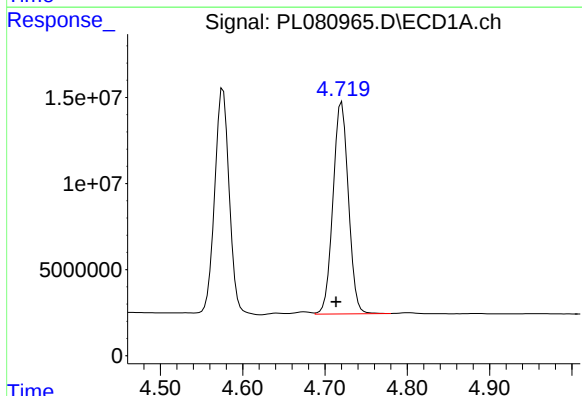
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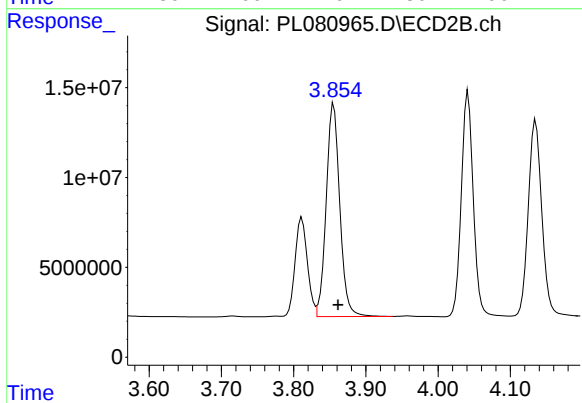
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.005 min
Response: 149363796
Conc: 50.00 ng/ml



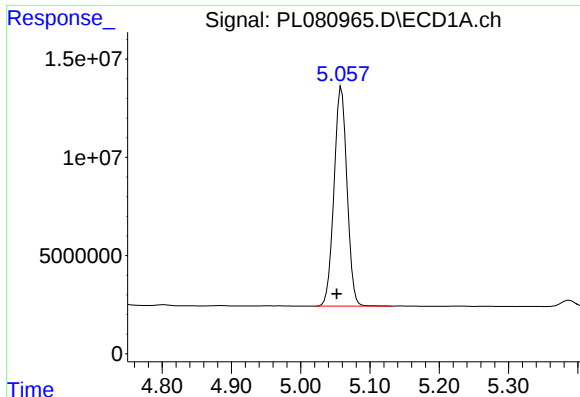
#4 Heptachlor

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 160140846
Conc: 54.19 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 155537202
Conc: 48.87 ng/ml



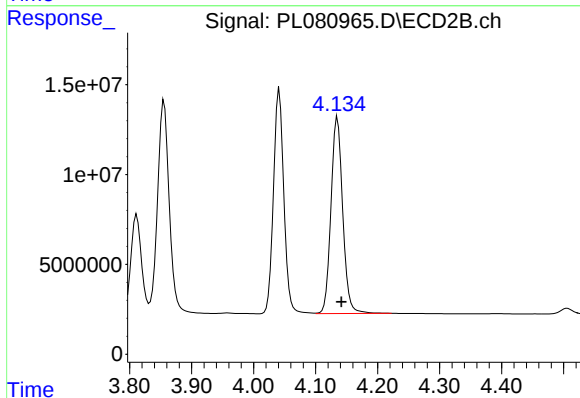
#5 Aldrin

R.T.: 5.059 min
Delta R.T.: 0.007 min
Response: 145467905
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

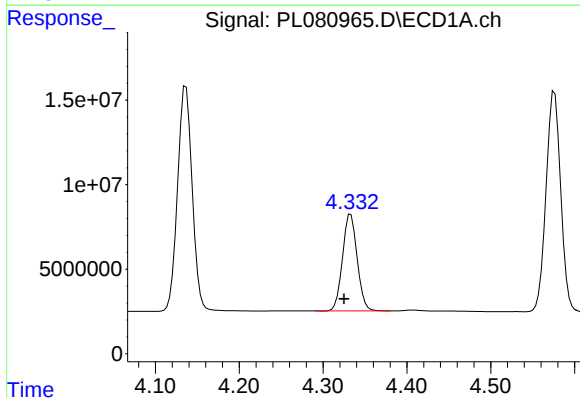
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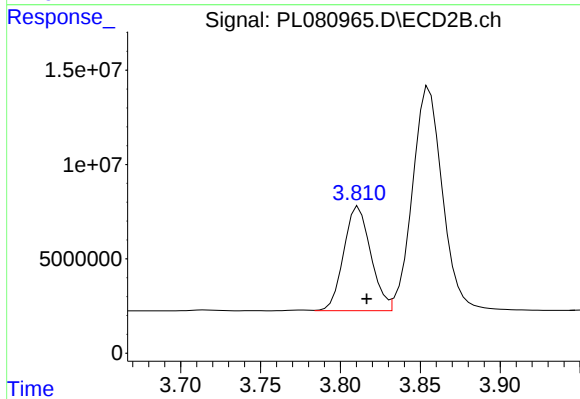
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 143936888
Conc: 48.80 ng/ml



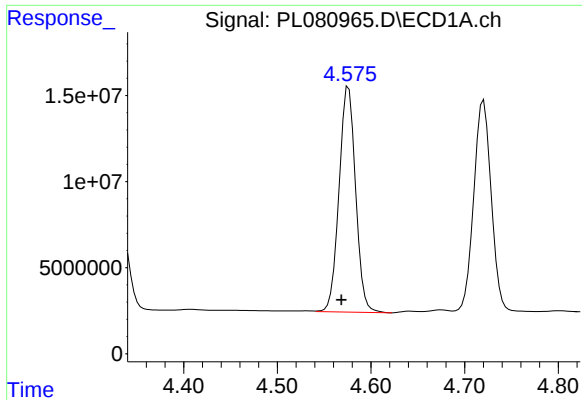
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 69399394
Conc: 50.84 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.005 min
Response: 65146390
Conc: 48.81 ng/ml



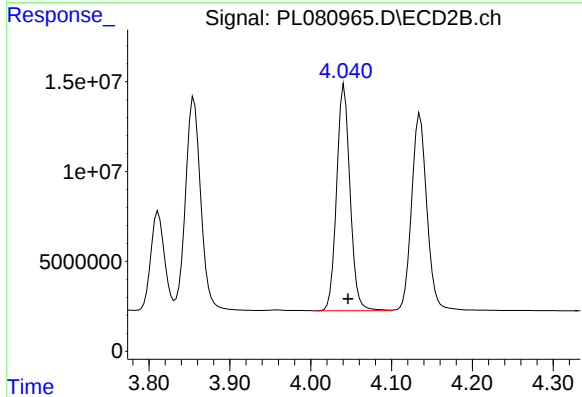
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 161042629
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

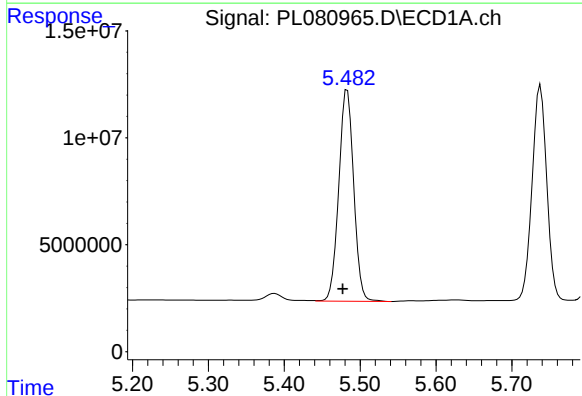
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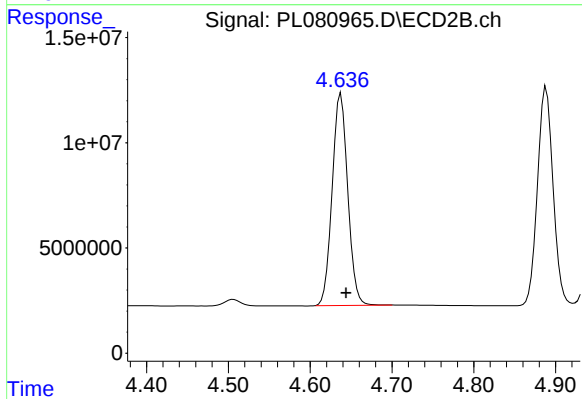
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 144897582
Conc: 50.23 ng/ml



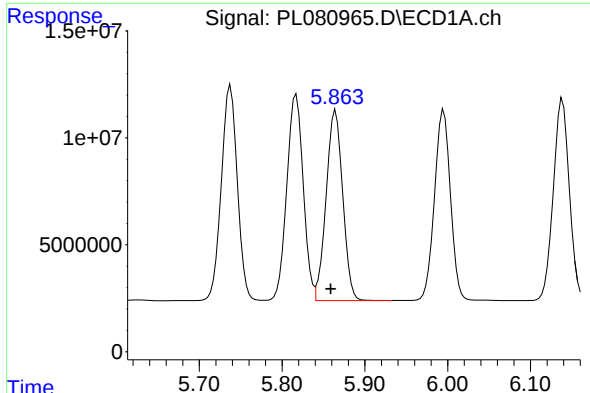
#8 Heptachlor epoxide

R.T.: 5.483 min
Delta R.T.: 0.006 min
Response: 135490885
Conc: 52.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 133432317
Conc: 47.96 ng/ml



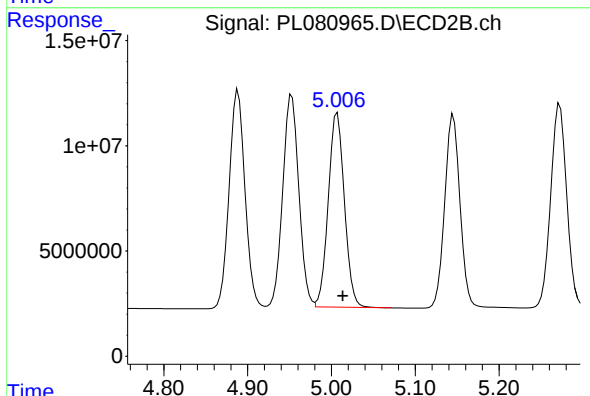
#9 Endosulfan I

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 123704686
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

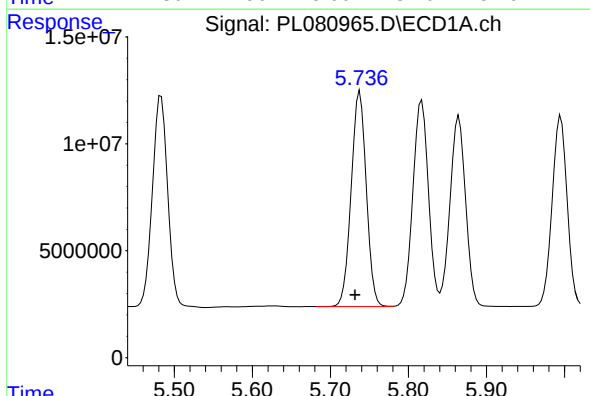
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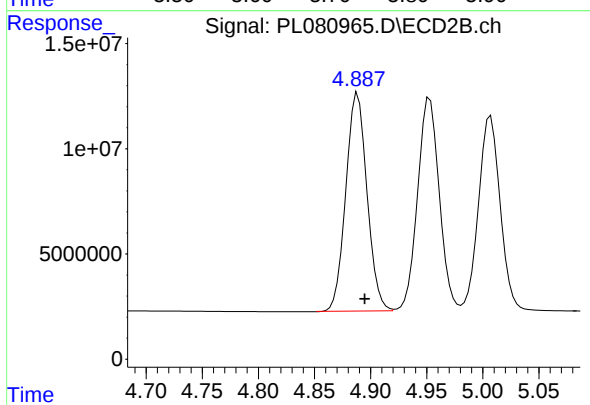
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 123211409
Conc: 47.36 ng/ml



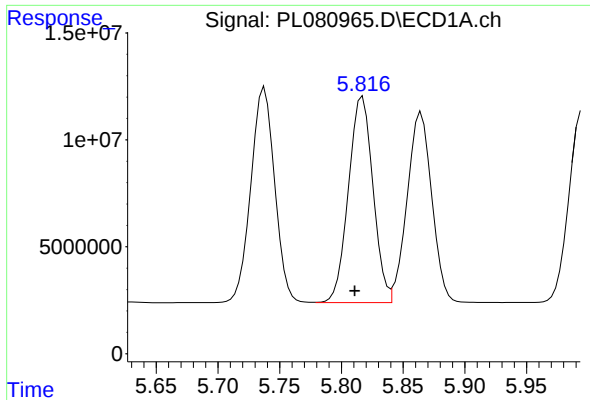
#10 gamma-Chlordane

R.T.: 5.738 min
Delta R.T.: 0.006 min
Response: 135340146
Conc: 53.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 136032263
Conc: 48.00 ng/ml m



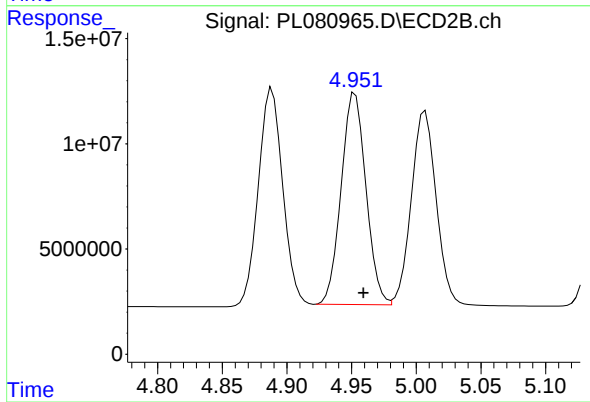
#11 alpha-Chlordane

R.T.: 5.817 min
Delta R.T.: 0.006 min
Response: 133297871
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

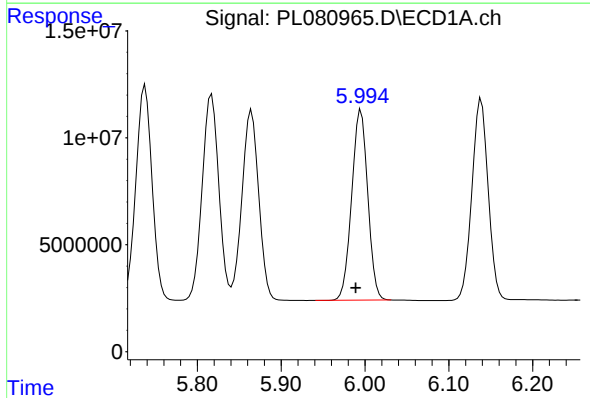
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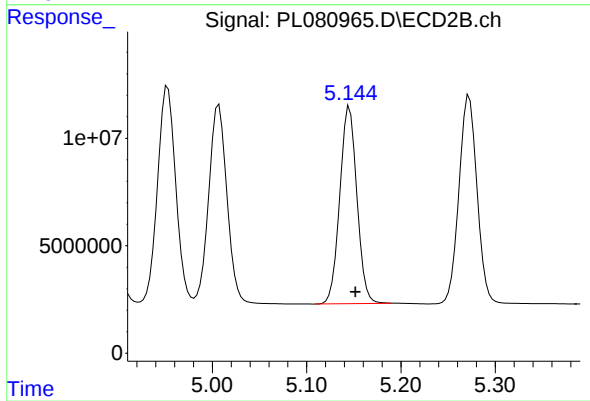
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 133849446
Conc: 46.72 ng/ml



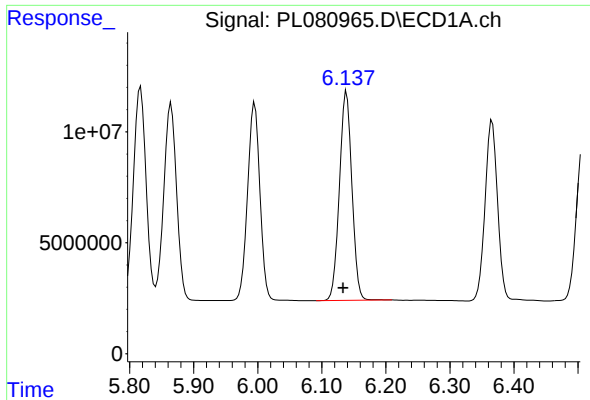
#12 4,4'-DDE

R.T.: 5.995 min
Delta R.T.: 0.006 min
Response: 118887075
Conc: 53.38 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 115793881
Conc: 49.09 ng/ml m



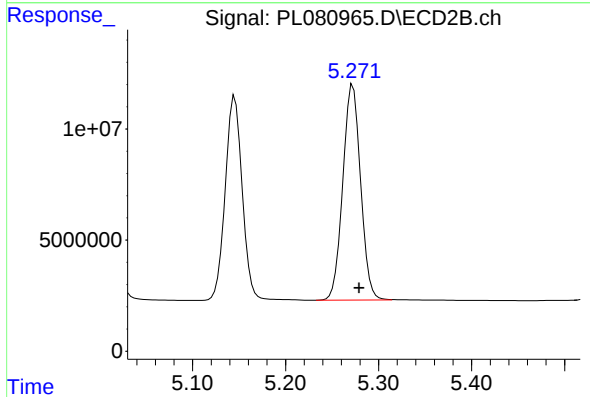
#13 Dieldrin

R.T.: 6.139 min
Delta R.T.: 0.005 min
Response: 127351528
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

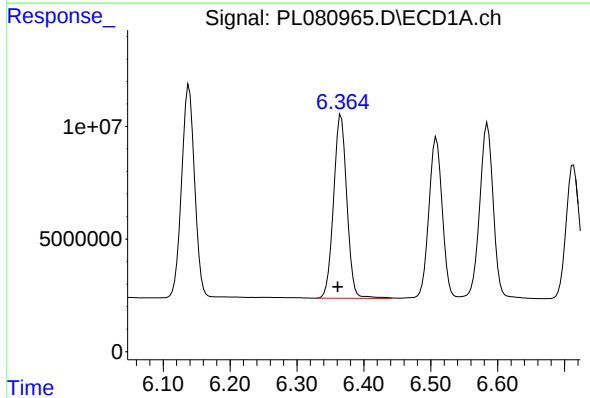
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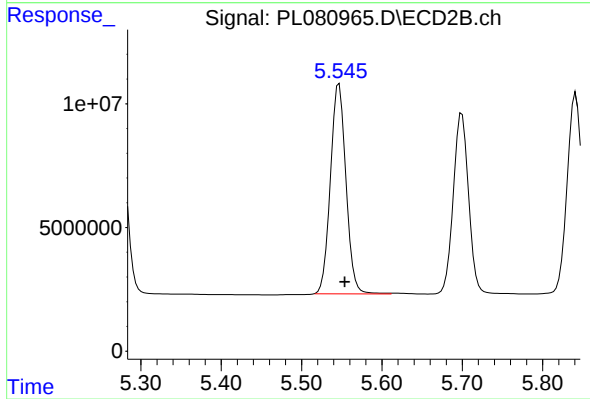
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 128987101
Conc: 47.69 ng/ml m



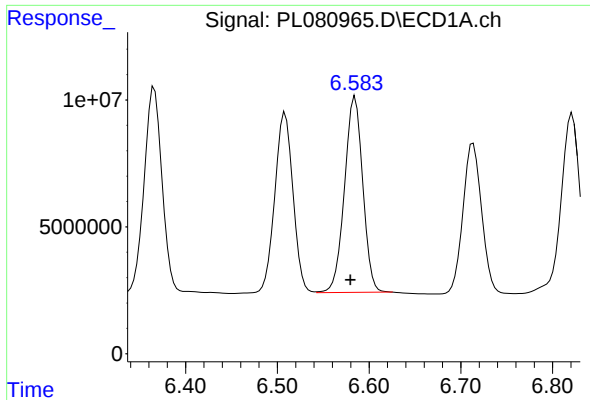
#14 Endrin

R.T.: 6.366 min
Delta R.T.: 0.005 min
Response: 112264940
Conc: 51.91 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 114293149
Conc: 49.24 ng/ml



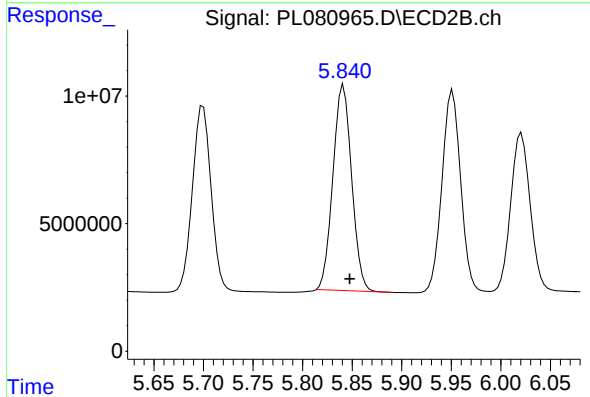
#15 Endosulfan II

R.T.: 6.585 min
Delta R.T.: 0.005 min
Response: 106646682
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

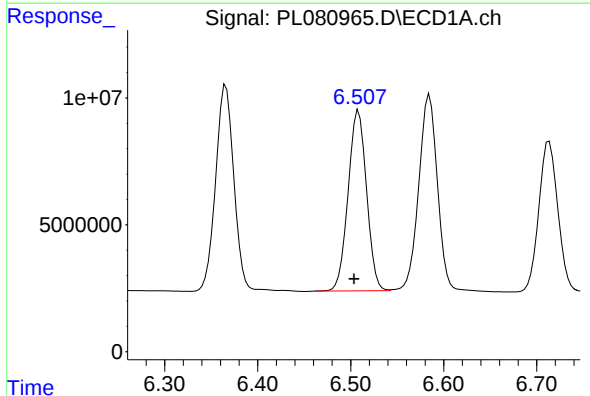
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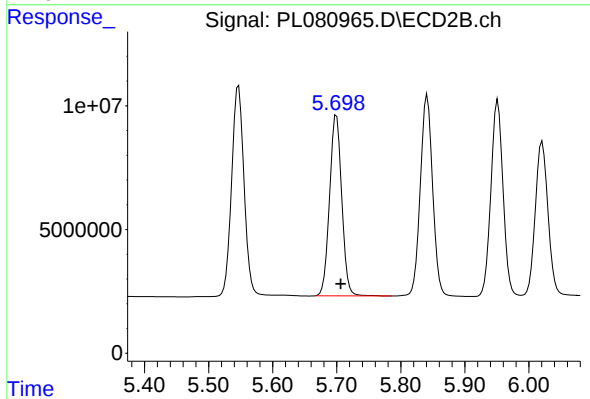
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 105764108
Conc: 50.76 ng/ml



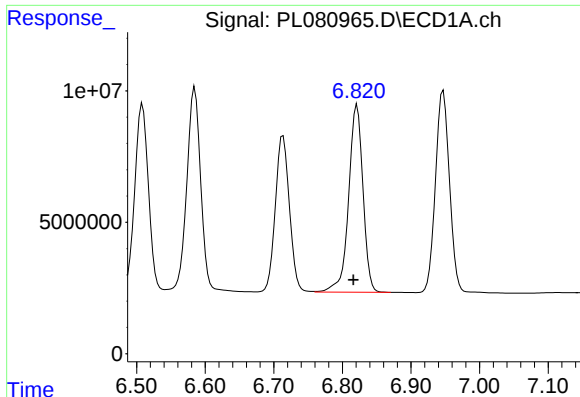
#16 4,4'-DDD

R.T.: 6.509 min
Delta R.T.: 0.005 min
Response: 98047667
Conc: 53.52 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 96734480
Conc: 51.48 ng/ml



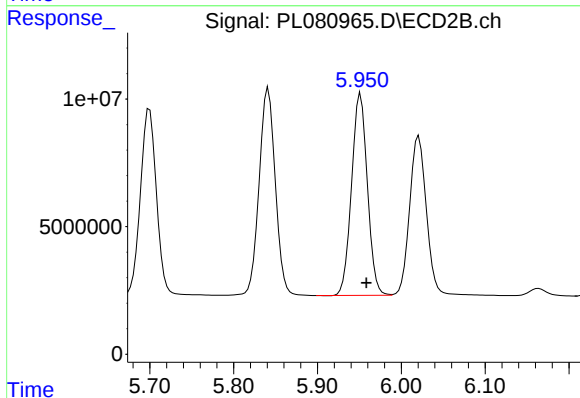
#17 4,4'-DDT

R.T.: 6.821 min
Delta R.T.: 0.005 min
Response: 103584571
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

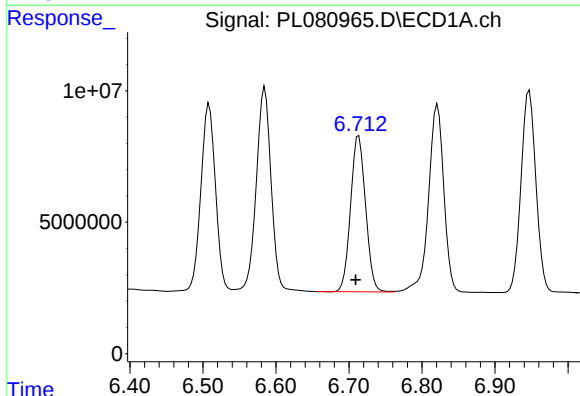
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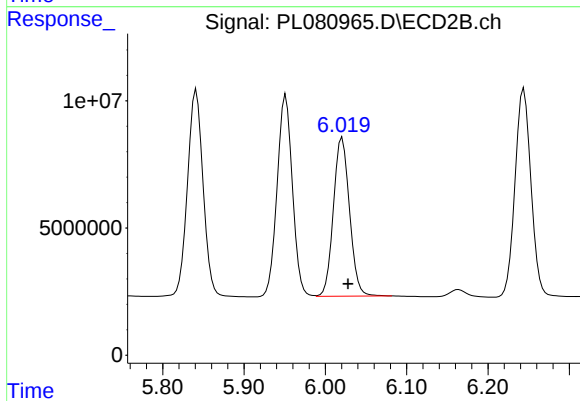
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 103893733
Conc: 49.44 ng/ml



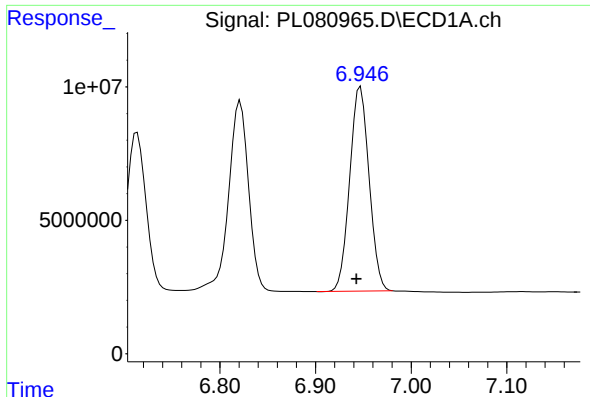
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 84580752
Conc: 50.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 85965767
Conc: 47.08 ng/ml



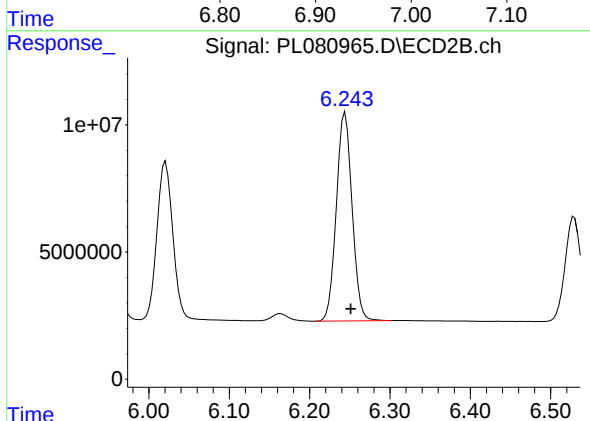
#19 Endosulfan Sulfate

R.T.: 6.947 min
Delta R.T.: 0.005 min
Response: 108278506
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

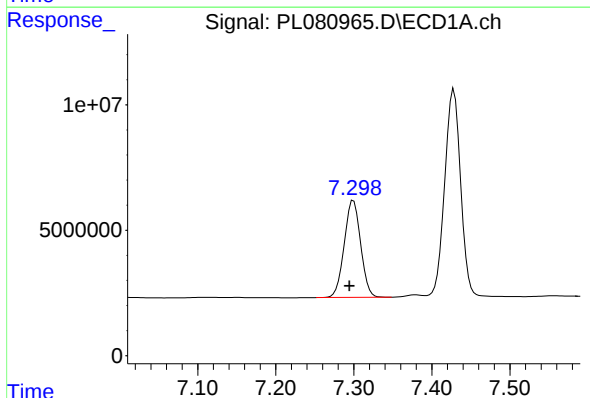
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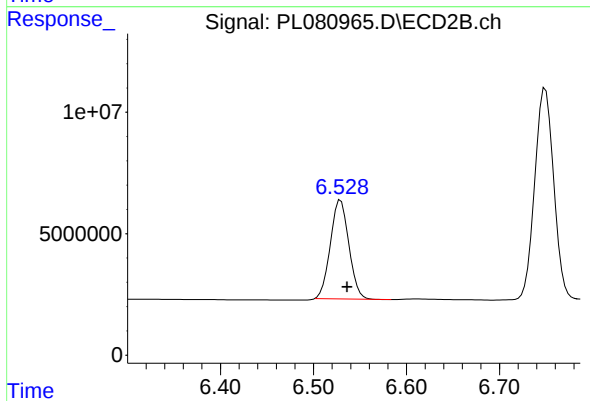
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 111798209
Conc: 48.07 ng/ml



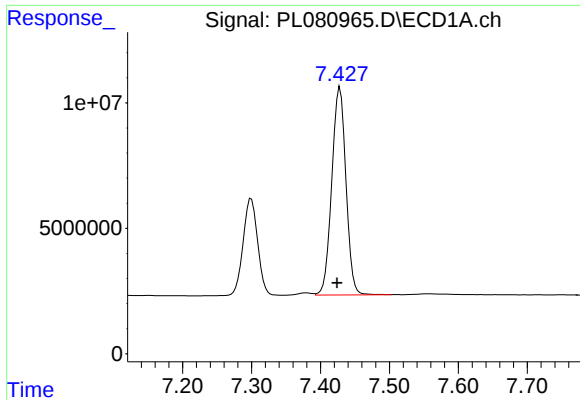
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.005 min
Response: 56483170
Conc: 51.20 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 56328285
Conc: 46.42 ng/ml



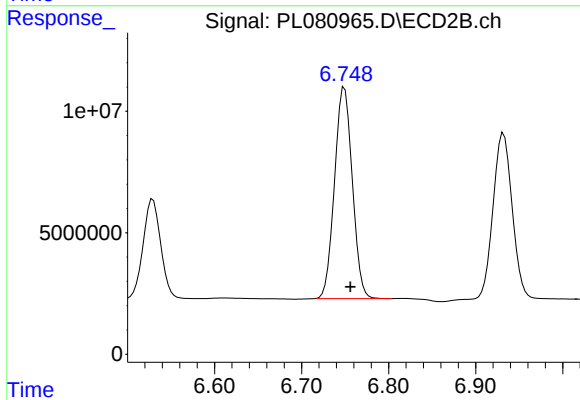
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 118206581
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

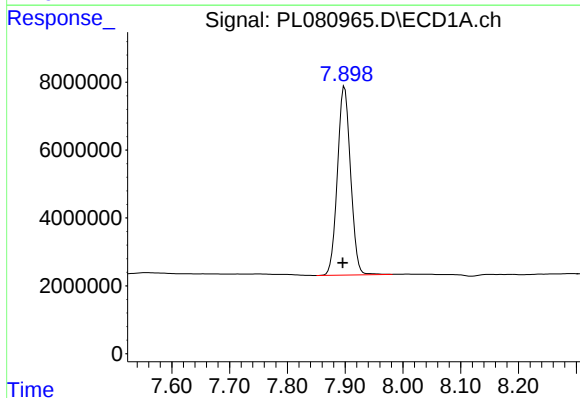
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



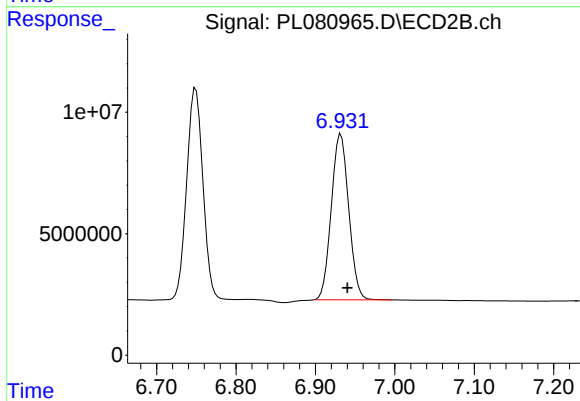
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 123588292
Conc: 48.40 ng/ml



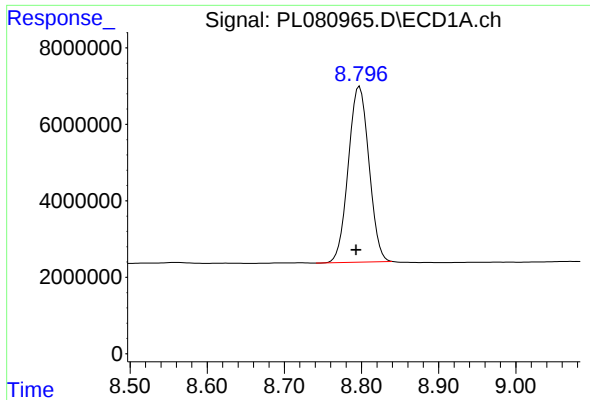
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 87556025
Conc: 50.91 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 103733823
Conc: 45.56 ng/ml



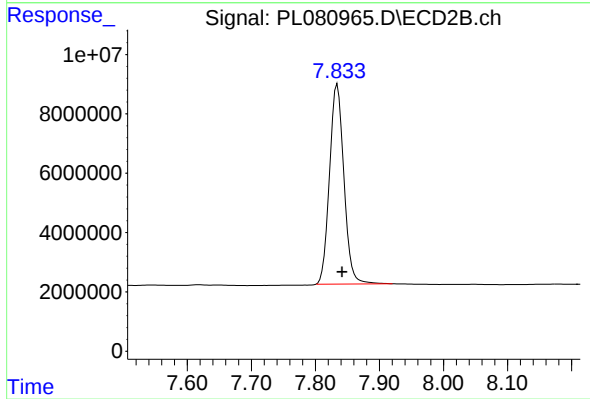
#28 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.004 min
Response: 85555465
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 105297371
Conc: 44.20 ng/ml