

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 21:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/01/2023
 Supervised By : Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 02:52:45 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	2.688	117.6E6	121.0E6	54.823	55.083
28)	SA Decachlor...	8.786	7.834	90805516	120.6E6	51.866	50.617
Target Compounds							
2)	A alpha-BHC	3.799	3.189	179.3E6	178.8E6	56.583	56.228
3)	MA gamma-BHC...	4.127	3.517	166.6E6	166.7E6	56.667	55.791
4)	MA Heptachlor	4.711	3.858	158.0E6	163.3E6	53.474	51.304
5)	MB Aldrin	5.049	4.137	148.2E6	158.8E6	54.183	53.848
6)	B beta-BHC	4.323	3.813	72345591	72370055	53.000	54.225
7)	B delta-BHC	4.567	4.043	163.1E6	161.0E6	56.332	55.814
8)	B Heptachlo...	5.473	4.640	136.9E6	147.1E6	52.923	52.874
9)	A Endosulfan I	5.855	5.009	125.6E6	134.3E6	53.200	51.617
10)	B gamma-Chl...	5.728	4.889	136.6E6	150.1E6	54.098	52.973m
11)	B alpha-Chl...	5.807	4.954	134.7E6	145.7E6	53.343	50.852
12)	B 4,4'-DDE	5.985	5.147	119.0E6	126.2E6	53.423	53.482
13)	MA Dieldrin	6.129	5.274	128.2E6	142.0E6	53.547	52.510
14)	MA Endrin	6.357	5.549	116.6E6	122.1E6	53.935	52.619
15)	B Endosulfa...	6.576	5.843	105.3E6	117.1E6	45.953	56.195
16)	A 4,4'-DDD	6.499	5.701	99310490	105.1E6	54.209	55.925
17)	MA 4,4'-DDT	6.812	5.952	103.2E6	109.5E6	49.668	52.103
18)	B Endrin al...	6.705	6.022	84800280	93404250	50.980	51.149
19)	B Endosulfa...	6.939	6.246	109.5E6	122.5E6	52.913	52.694
20)	A Methoxychlor	7.291	6.530	54535848	58375891	49.430	48.107
21)	B Endrin ke...	7.419	6.750	119.4E6	138.0E6	54.109	54.066
22)	Mirex	7.890	6.934	89248667	115.9E6	51.895	50.904

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

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Data File : PL080651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 21:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

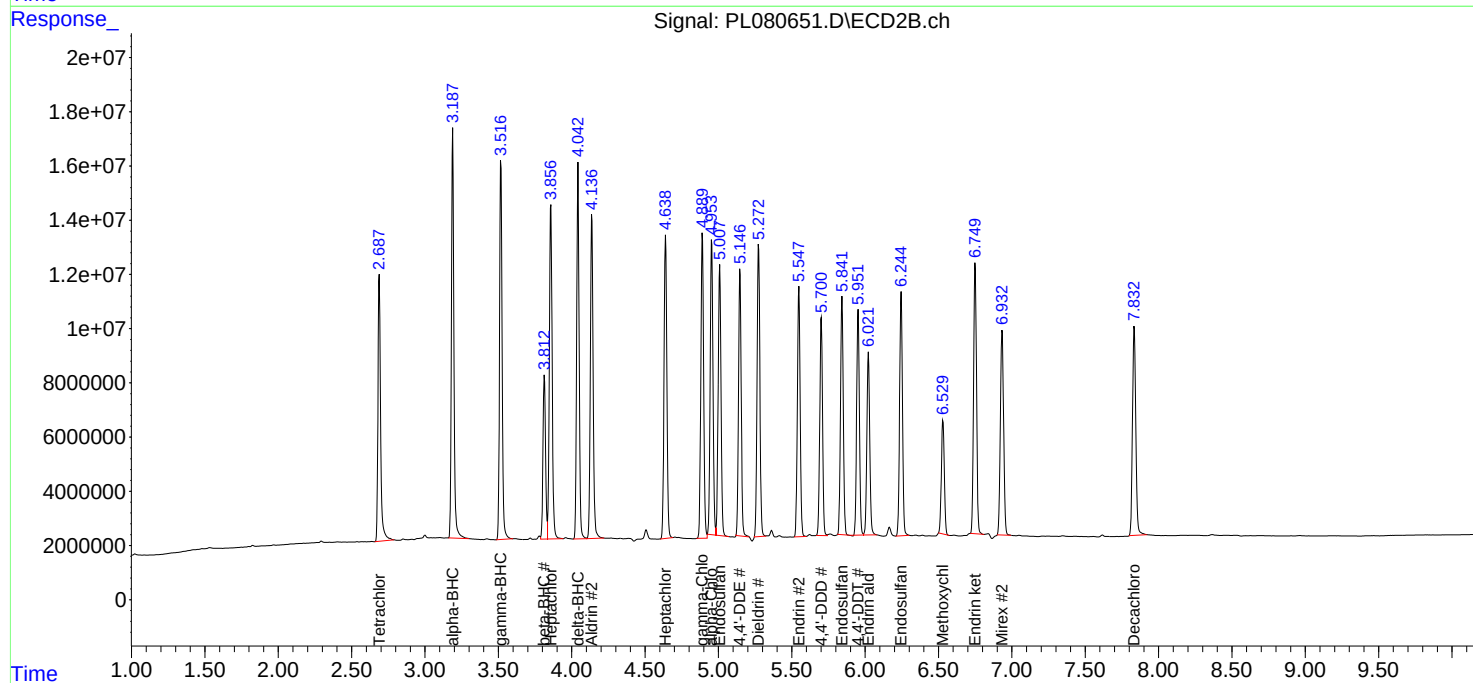
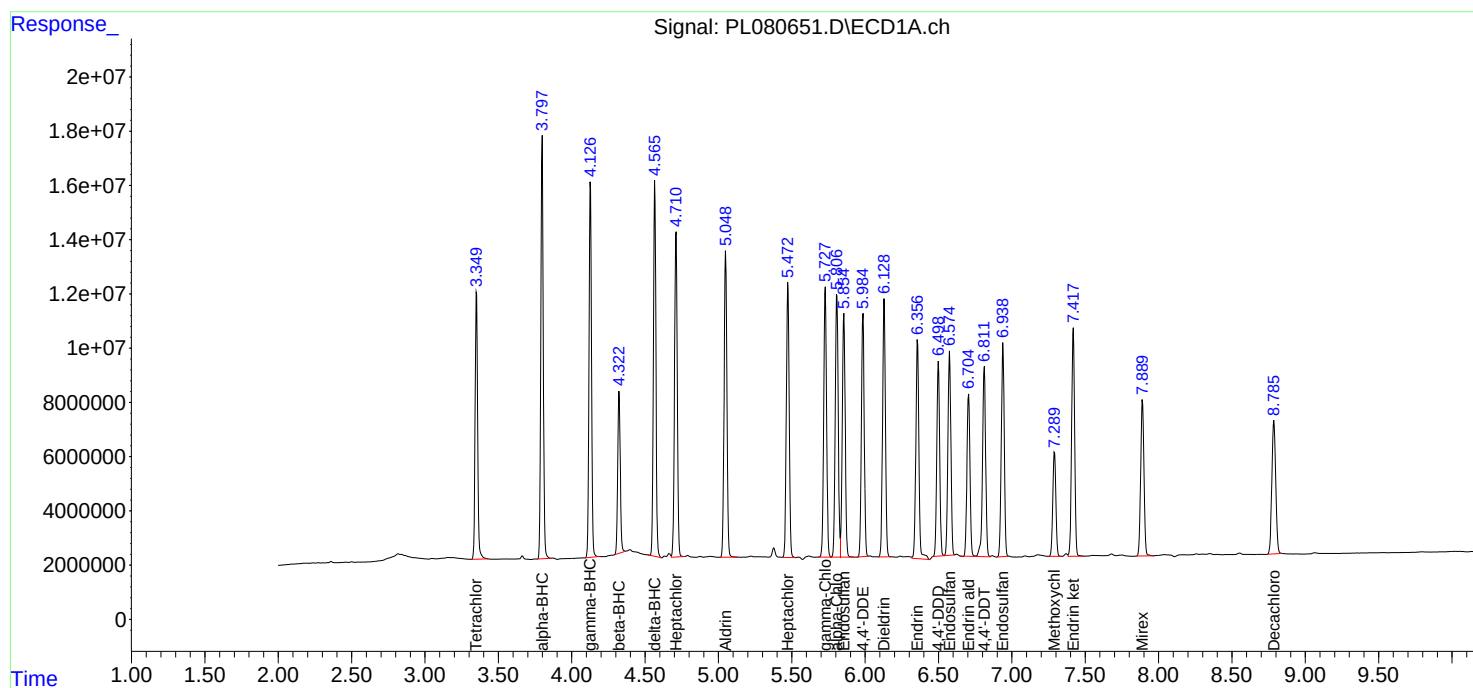
Manual Integrations

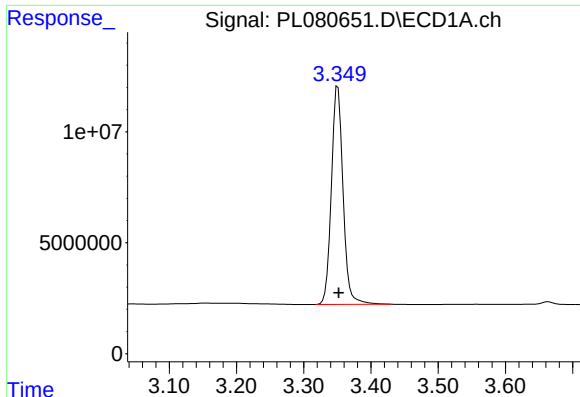
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Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 02:52:45 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





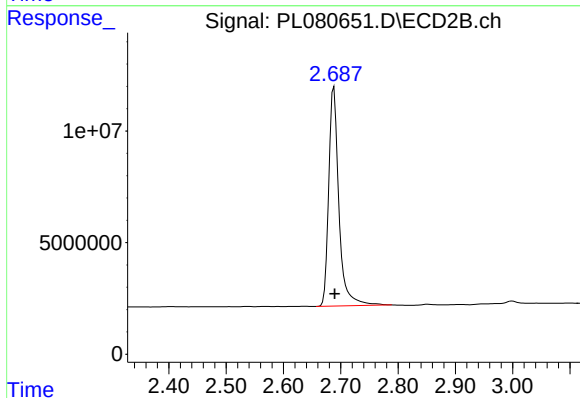
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 117585915
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

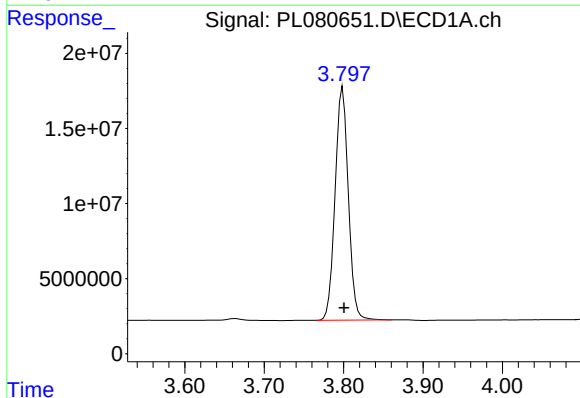
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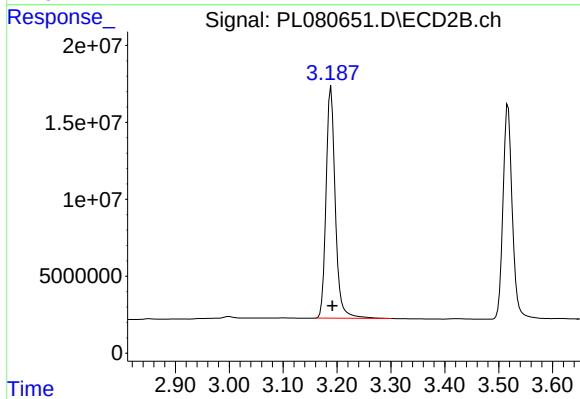
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 120988346
Conc: 55.08 ng/ml



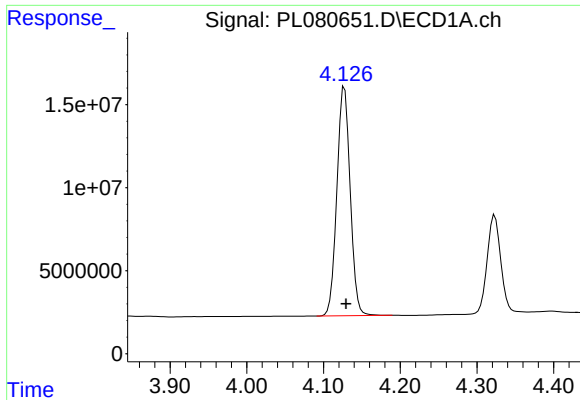
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 179255110
Conc: 56.58 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 178829376
Conc: 56.23 ng/ml



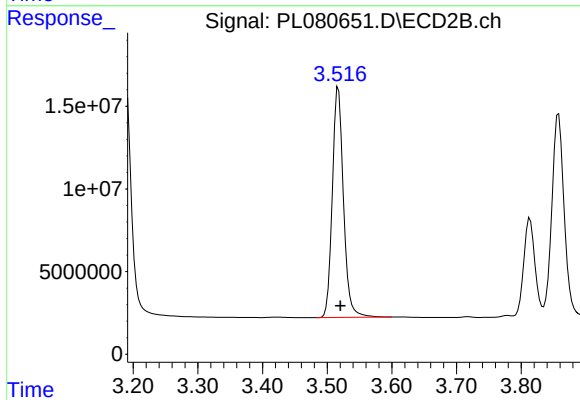
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 166588315
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

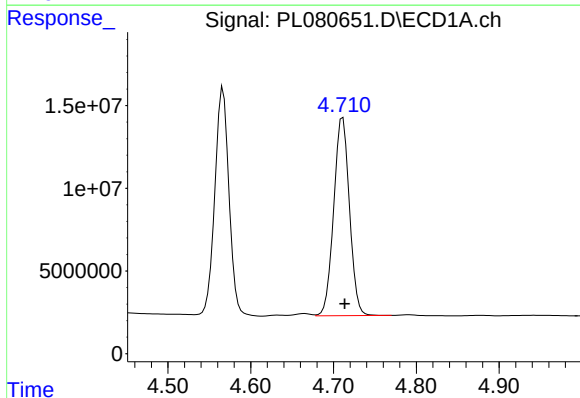
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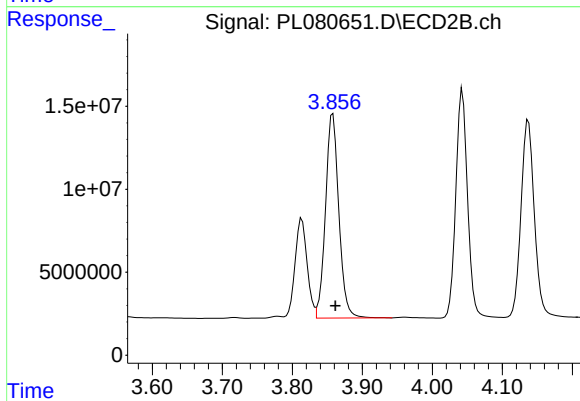
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 166663441
Conc: 55.79 ng/ml



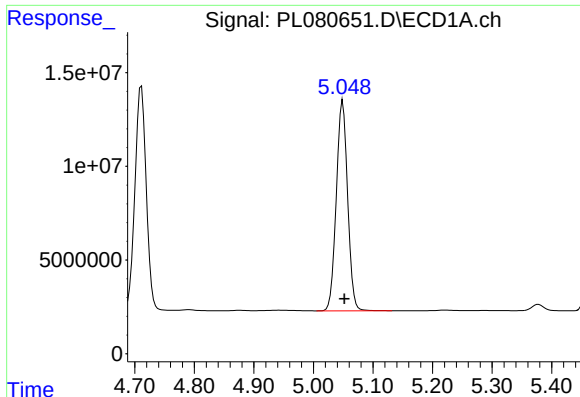
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 158028408
Conc: 53.47 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 163268801
Conc: 51.30 ng/ml



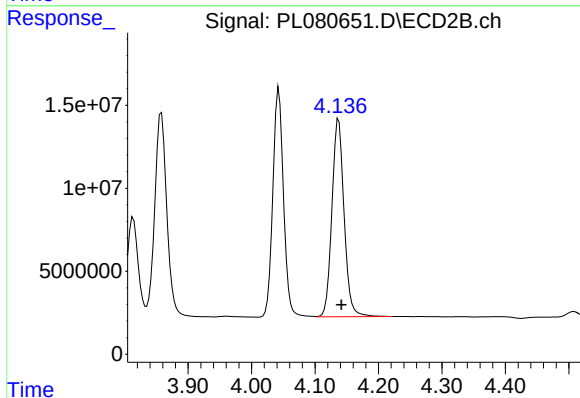
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 148233252
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

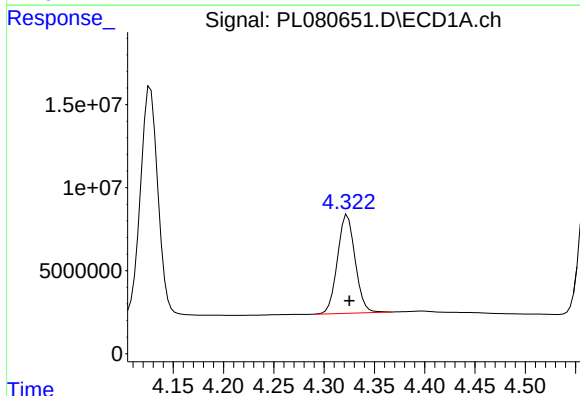
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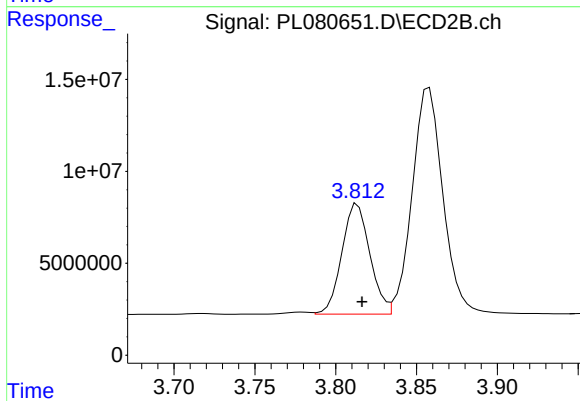
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 158827552
Conc: 53.85 ng/ml



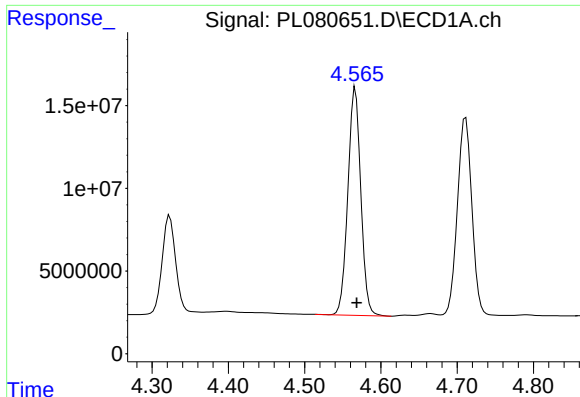
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 72345591
Conc: 53.00 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 72370055
Conc: 54.22 ng/ml



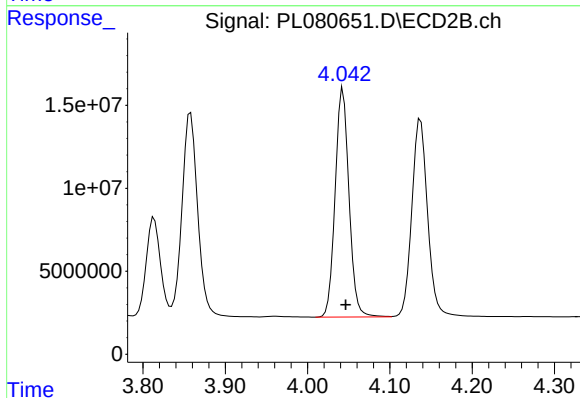
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 163079668
Conc: 56.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

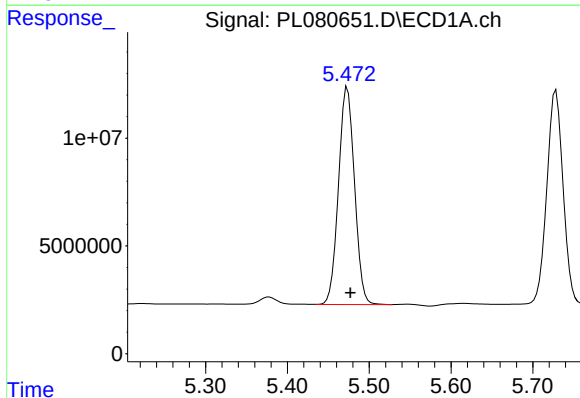
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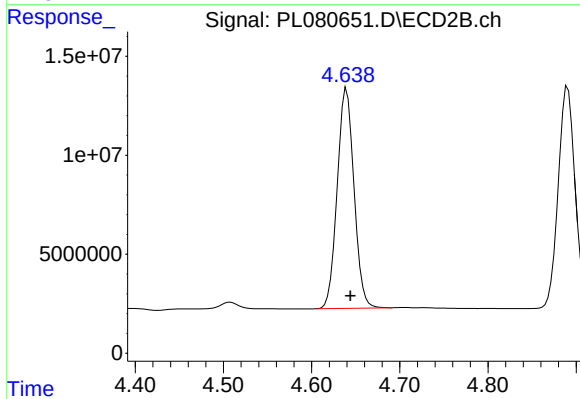
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 160993210
Conc: 55.81 ng/ml



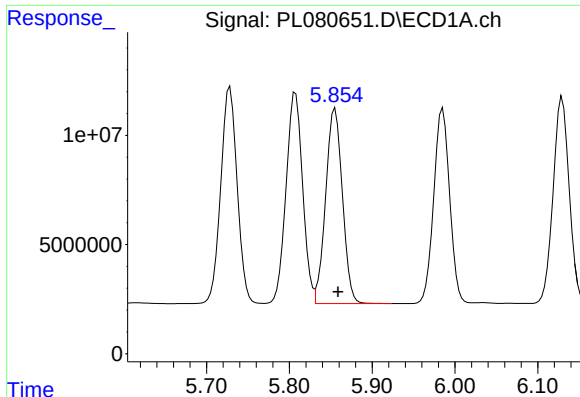
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 136914051
Conc: 52.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 147114669
Conc: 52.87 ng/ml



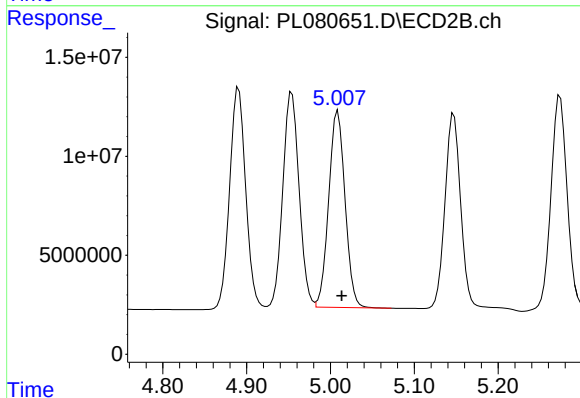
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 125629427
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

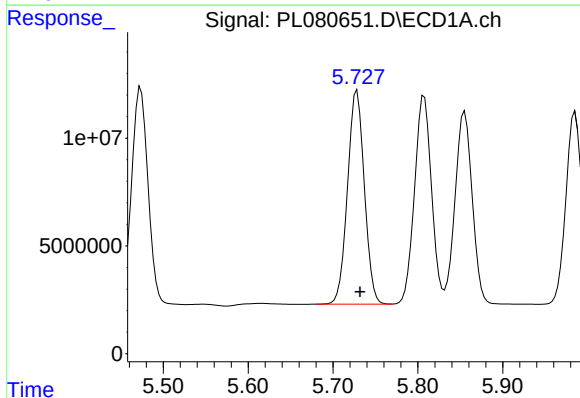
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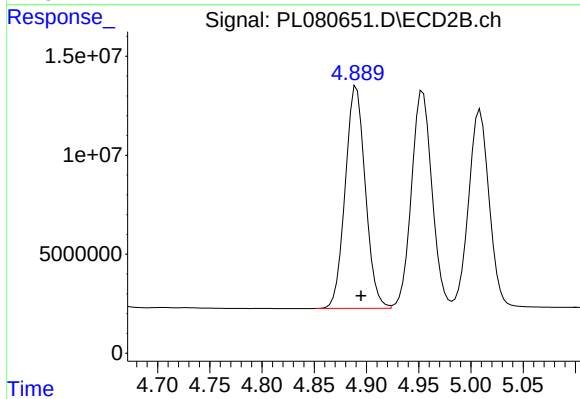
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 134272510
Conc: 51.62 ng/ml



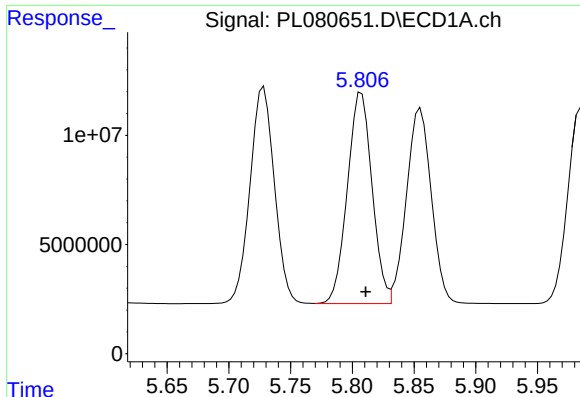
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 136637249
Conc: 54.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 150138209
Conc: 52.97 ng/ml m



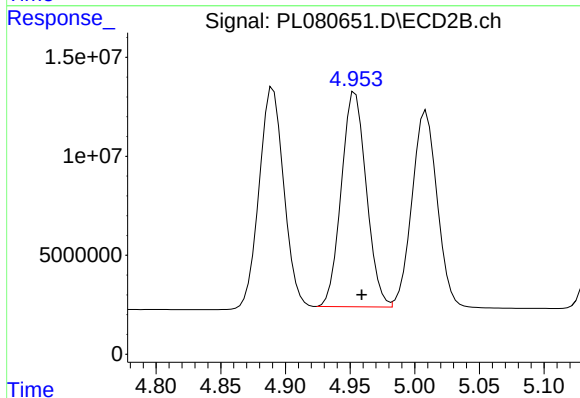
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 134651372
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

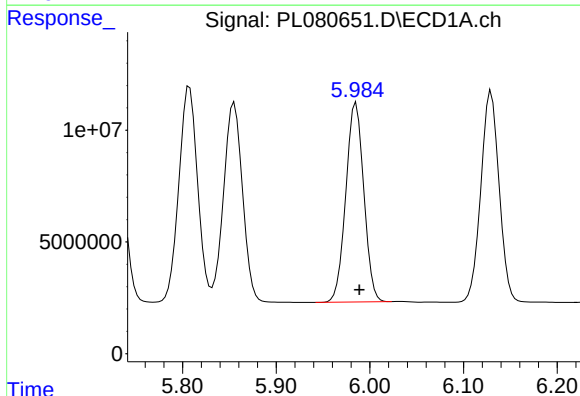
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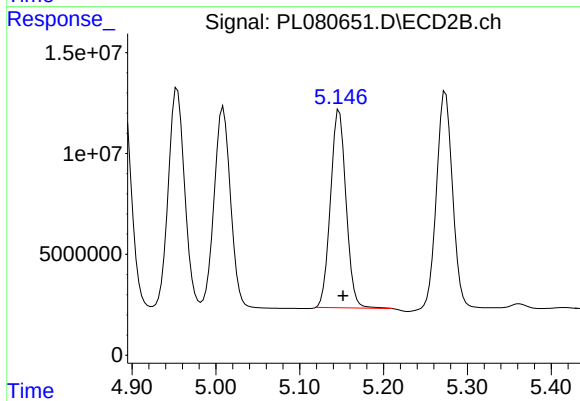
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 145674432
Conc: 50.85 ng/ml



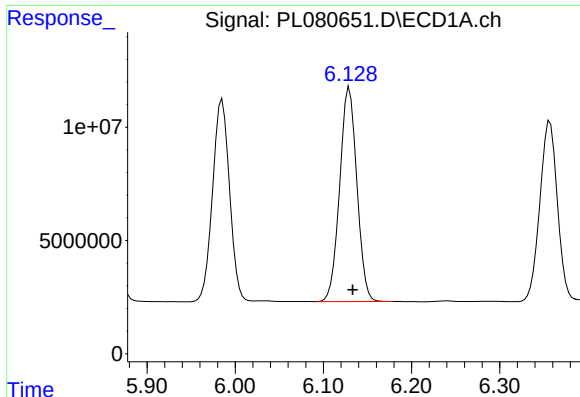
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 118990499
Conc: 53.42 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 126155419
Conc: 53.48 ng/ml



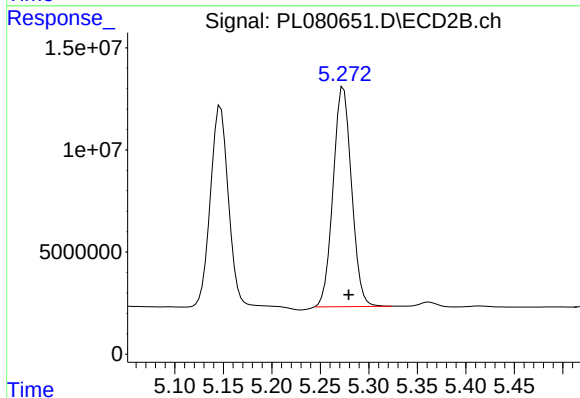
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 128156363
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

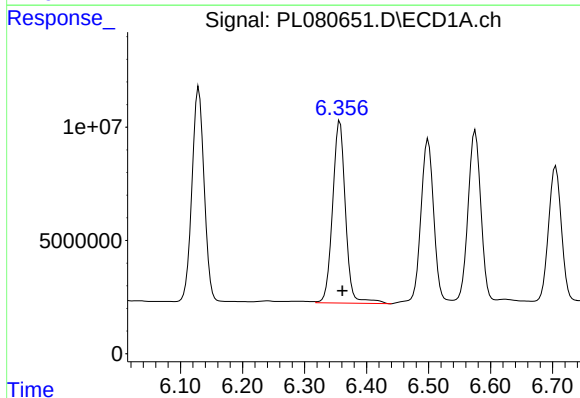
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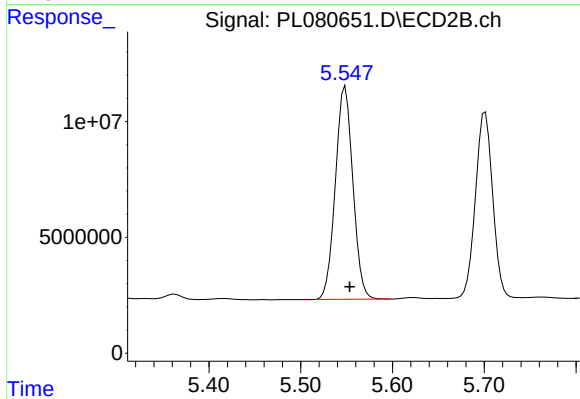
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 142037819
Conc: 52.51 ng/ml



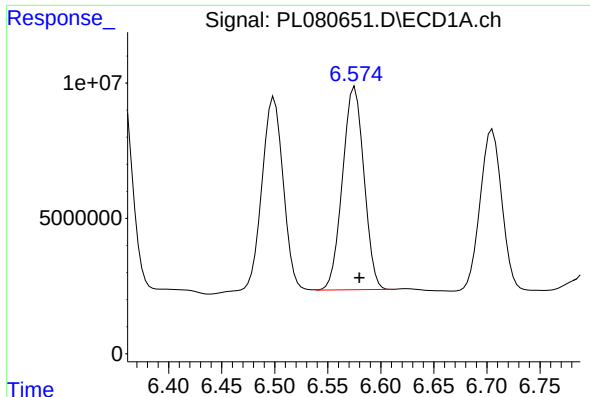
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 116644868
Conc: 53.93 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 122137626
Conc: 52.62 ng/ml



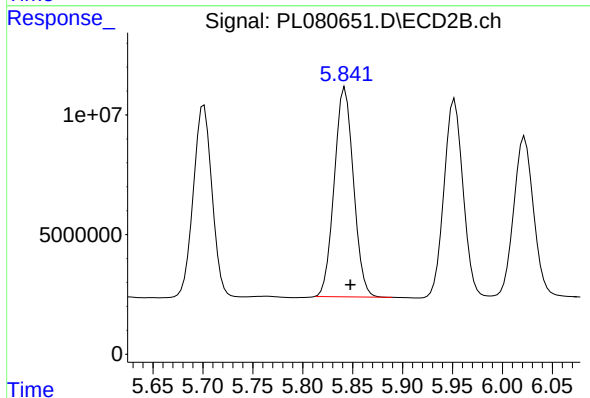
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 105338808
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

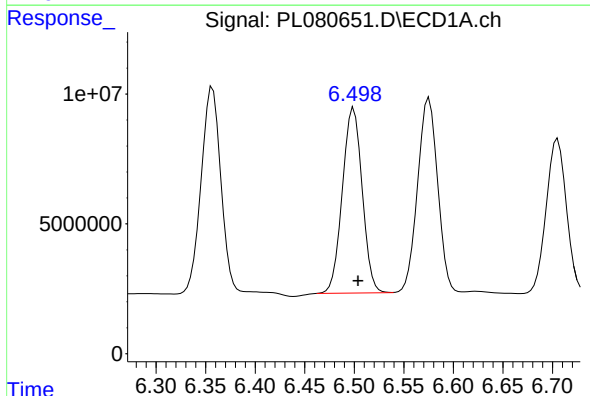
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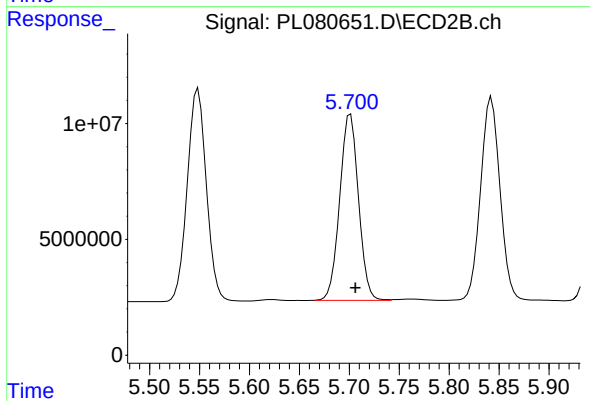
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 117094093
Conc: 56.19 ng/ml



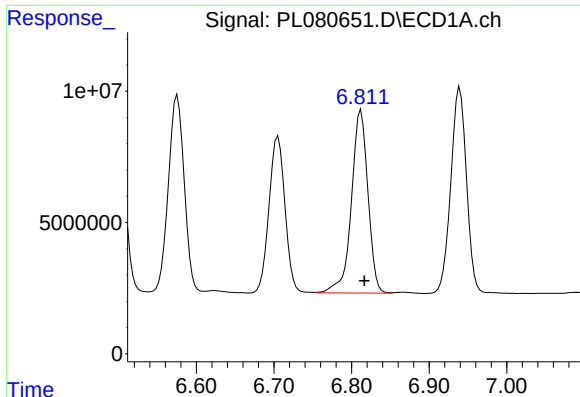
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 99310490
Conc: 54.21 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 105094694
Conc: 55.93 ng/ml



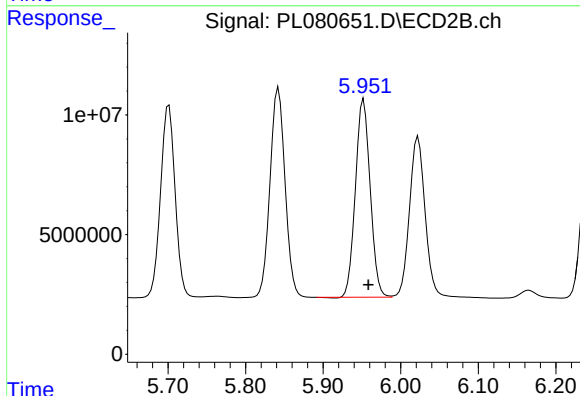
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 103193775
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

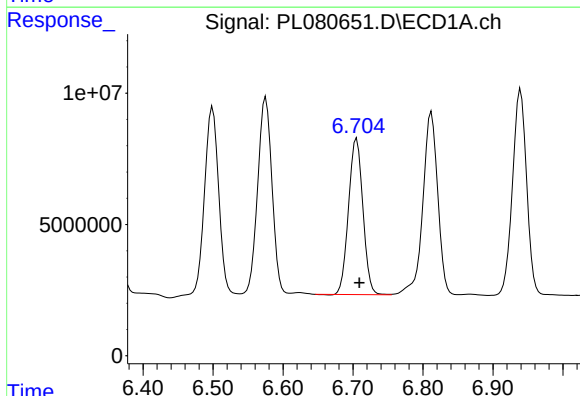
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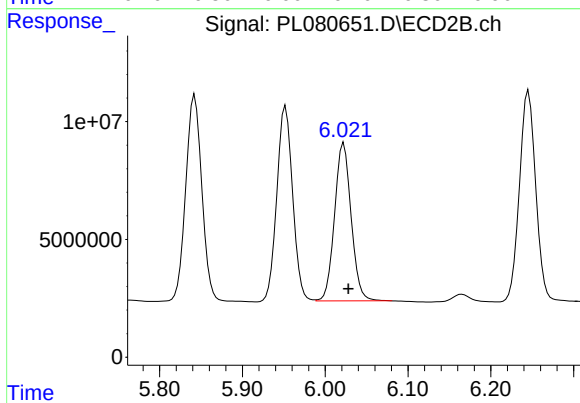
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 109493464
Conc: 52.10 ng/ml



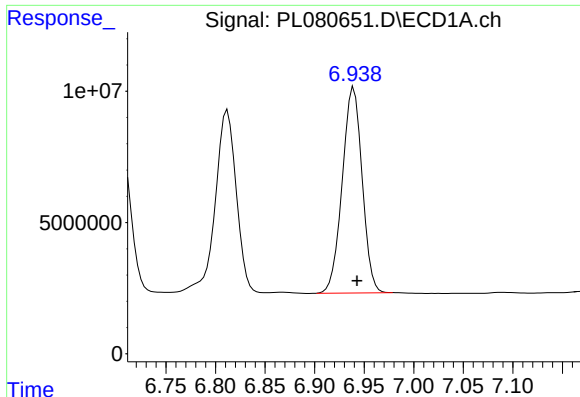
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 84800280
Conc: 50.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 93404250
Conc: 51.15 ng/ml



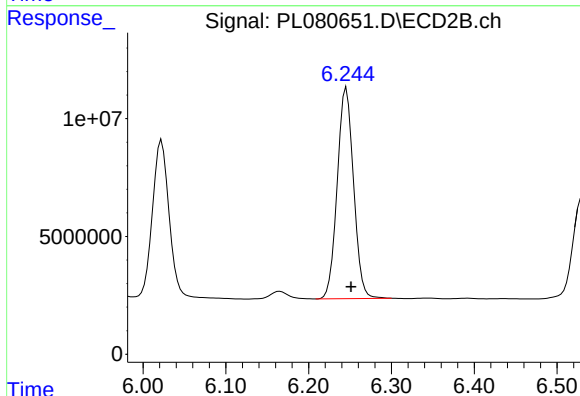
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 109525237
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

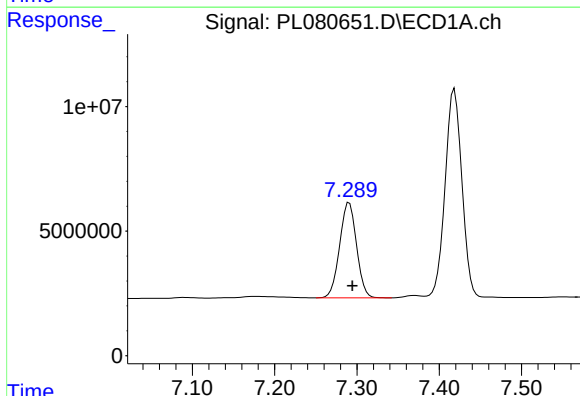
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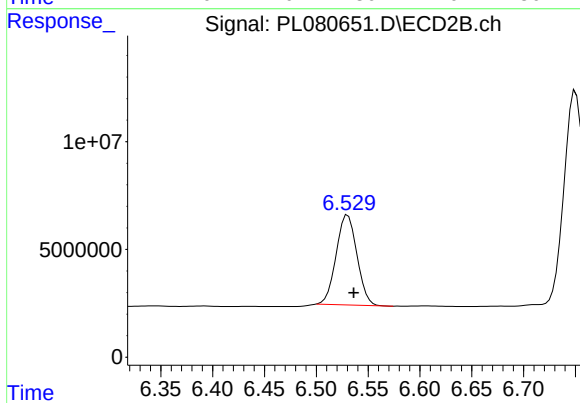
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 122549157
Conc: 52.69 ng/ml



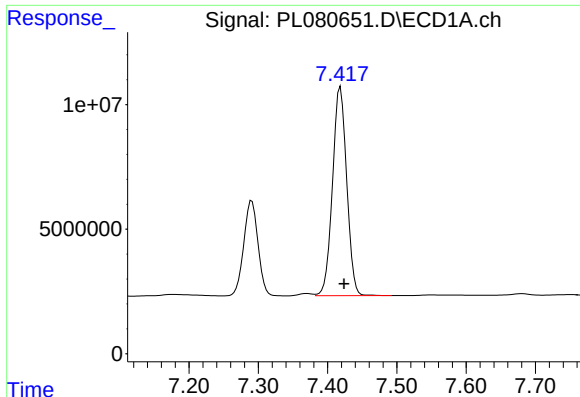
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 54535848
Conc: 49.43 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 58375891
Conc: 48.11 ng/ml



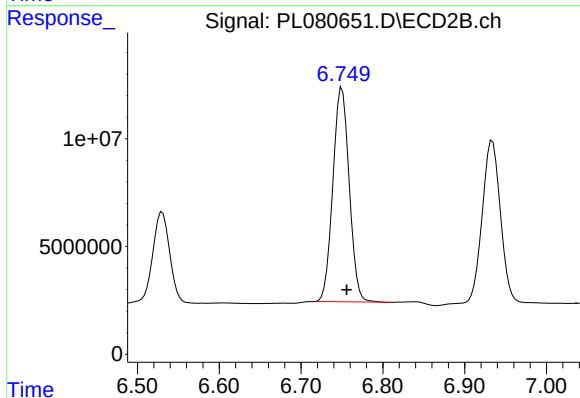
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 119383848
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

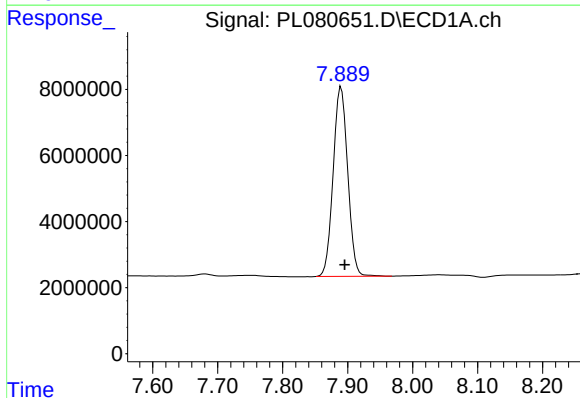
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APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



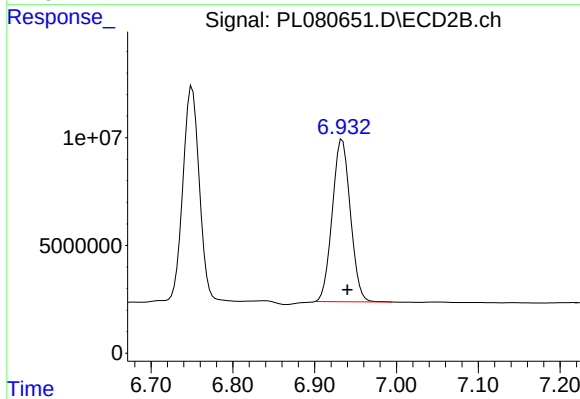
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 138042663
Conc: 54.07 ng/ml



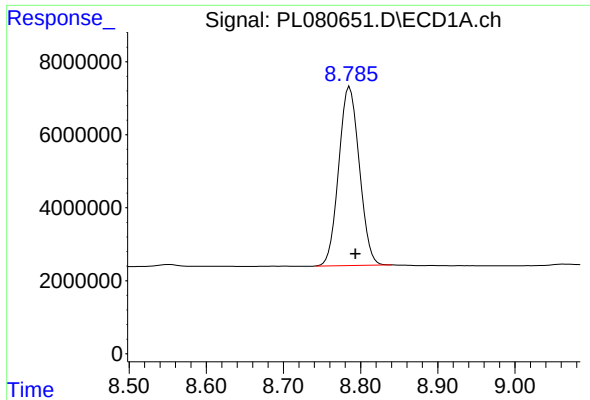
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 89248667
Conc: 51.90 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 115894631
Conc: 50.90 ng/ml



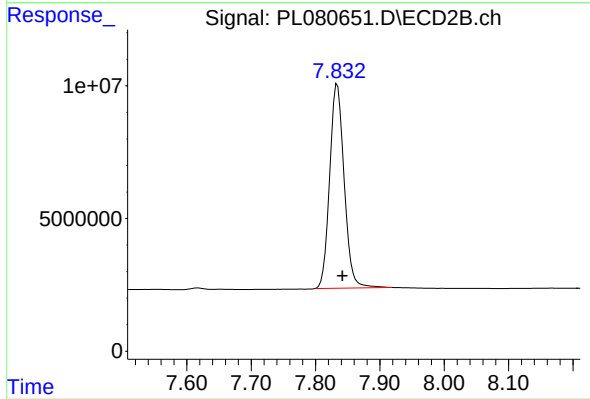
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 90805516
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 120597475
Conc: 50.62 ng/ml