

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 17:59
 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: Jan 31 20:53:22 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	115.7E6	120.4E6	53.947	54.816
2)	SA Decachlor...	8.786	7.833	90275388	118.8E6	51.564	49.874
Target Compounds							
2)	A alpha-BHC	3.799	3.189	176.6E6	178.1E6	55.750	55.986
3)	MA gamma-BHC...	4.127	3.517	164.1E6	165.6E6	55.829	55.451
4)	MA Heptachlor	4.711	3.858	158.6E6	168.8E6	53.679	53.039
5)	MB Aldrin	5.049	4.137	146.6E6	158.8E6	53.598	53.855
6)	B beta-BHC	4.323	3.813	70870241	72239634	51.919	54.127
7)	B delta-BHC	4.566	4.043	161.0E6	160.8E6	55.624	55.747
8)	B Heptachlo...	5.473	4.639	135.7E6	147.0E6	52.463	52.842
9)	A Endosulfan I	5.855	5.008	124.3E6	135.0E6	52.634	51.880
10)	B gamma-Chl...	5.728	4.888	135.0E6	149.9E6	53.469	52.895m
11)	B alpha-Chl...	5.807	4.954	133.2E6	146.4E6	52.748	51.096
12)	B 4,4'-DDE	5.985	5.145	118.3E6	126.8E6	53.105	53.766m
13)	MA Dieldrin	6.129	5.273	127.4E6	140.1E6	53.214	51.793
14)	MA Endrin	6.356	5.548	114.1E6	120.4E6	52.781	51.872
15)	B Endosulfa...	6.575	5.842	104.5E6	115.4E6	45.569	55.367
16)	A 4,4'-DDD	6.499	5.700	98688402	104.3E6	53.870	55.484
17)	MA 4,4'-DDT	6.811	5.951	101.6E6	109.9E6	48.914	52.288
18)	B Endrin al...	6.704	6.022	84256291	93429522	50.653	51.163
19)	B Endosulfa...	6.938	6.244	107.9E6	122.0E6	52.128	52.446
20)	A Methoxychlor	7.290	6.529	54222051	58352021	49.146	48.087
21)	B Endrin ke...	7.418	6.749	117.9E6	137.3E6	53.432	53.792
22)	Mirex	7.890	6.932	88230468	113.2E6	51.303	49.729

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
Data File : PL080639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2023 17:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

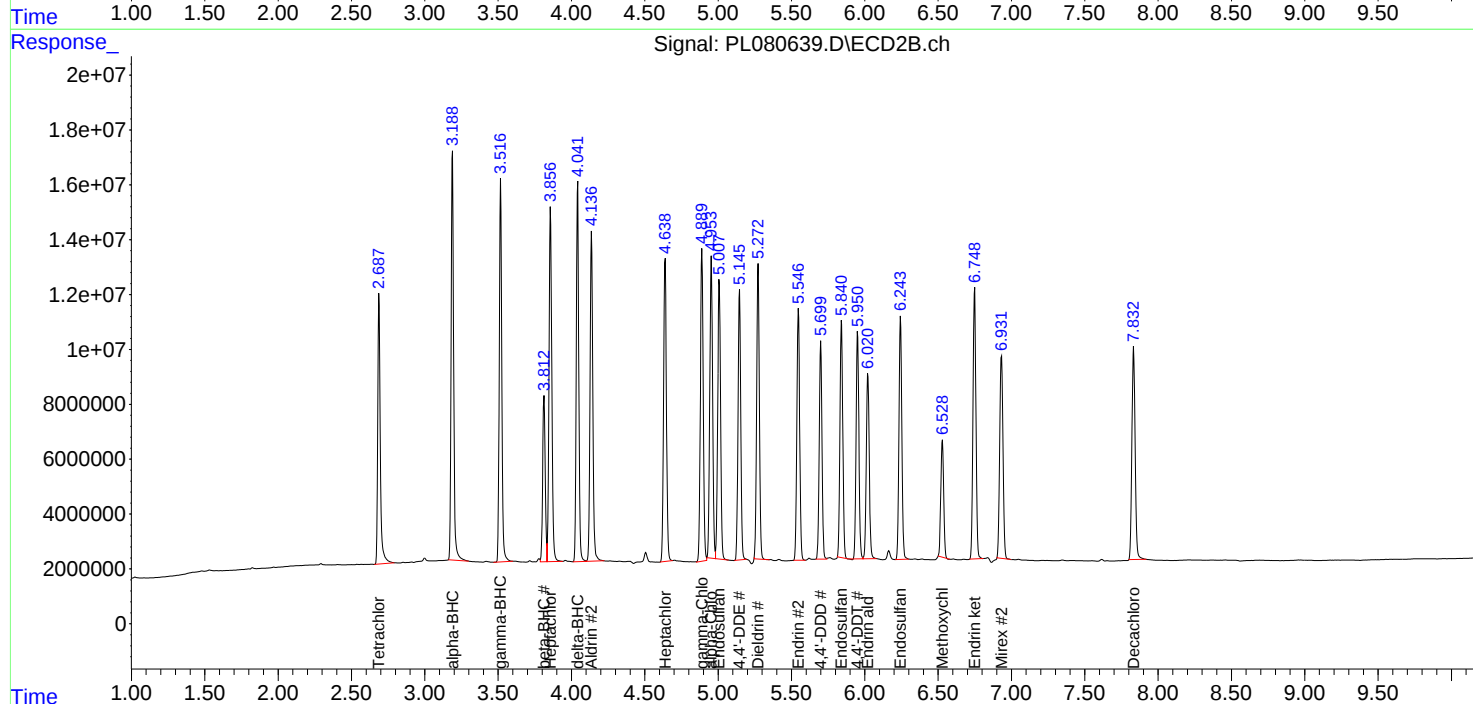
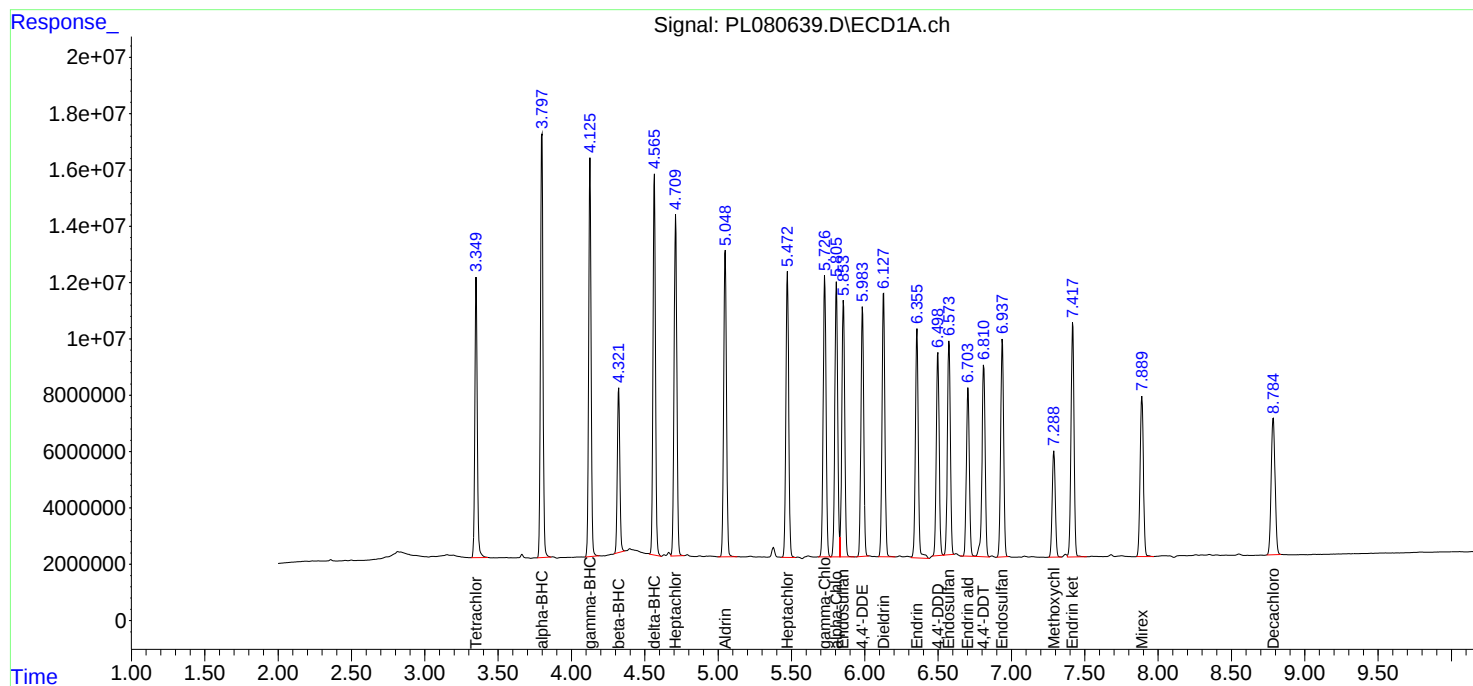
APPROVED

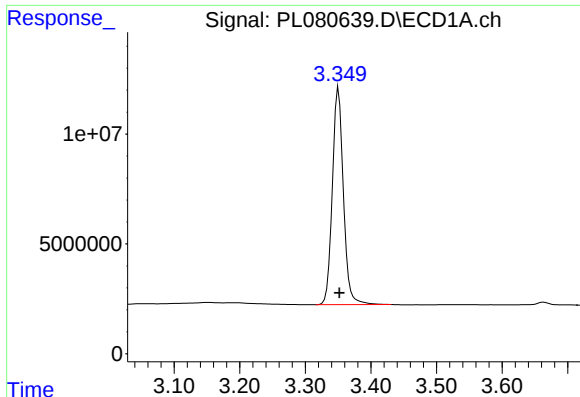
Reviewed By :Abdul Mirza 02/01/2023

Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 20:53:22 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





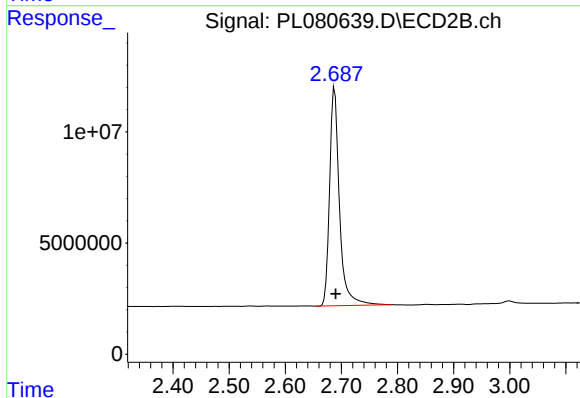
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 115706753
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

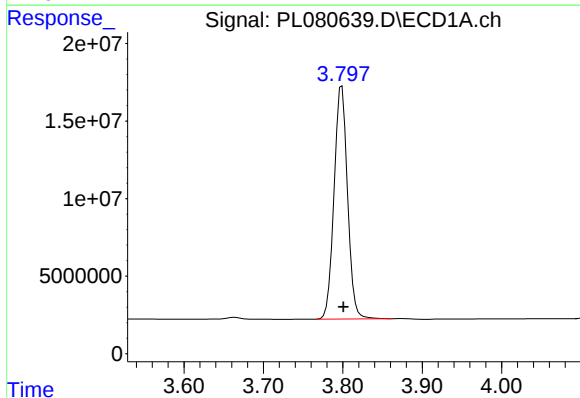
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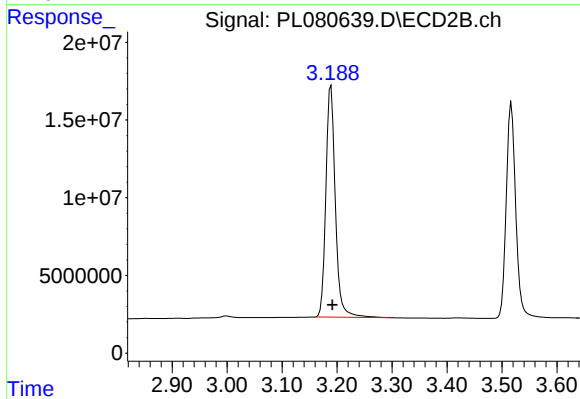
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 120400510
Conc: 54.82 ng/ml



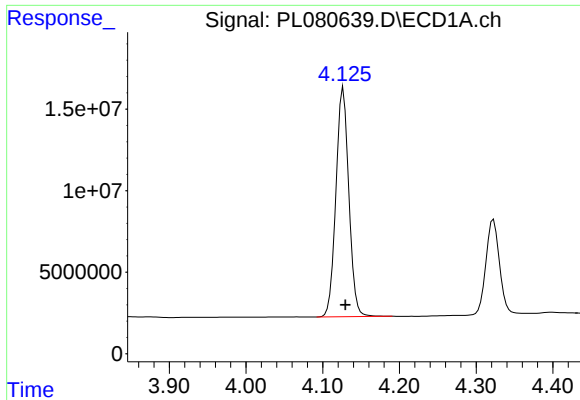
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 176616077
Conc: 55.75 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 178059314
Conc: 55.99 ng/ml



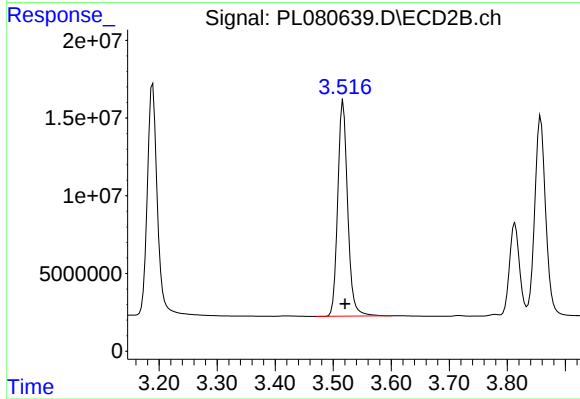
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.003 min
Response: 164123531
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

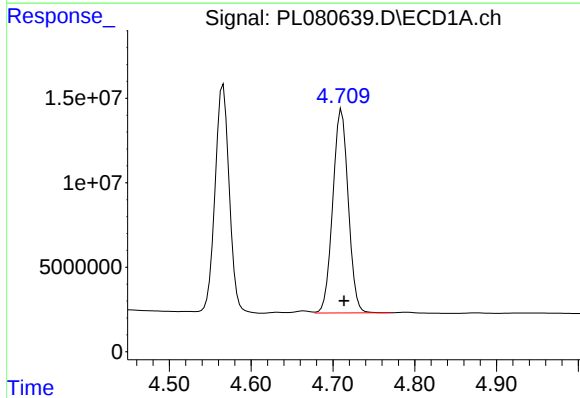
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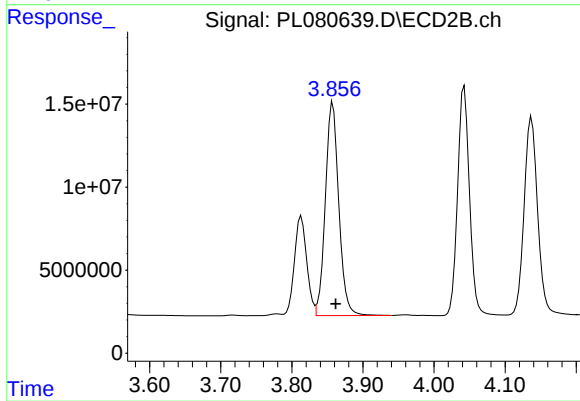
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 165649346
Conc: 55.45 ng/ml



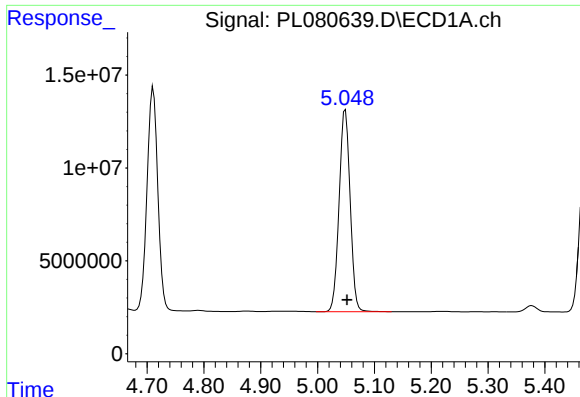
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 158631812
Conc: 53.68 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 168788318
Conc: 53.04 ng/ml



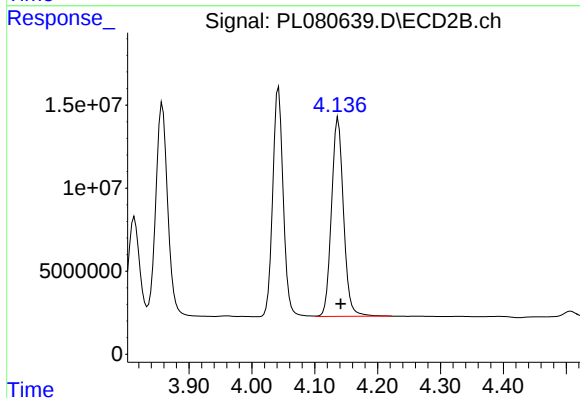
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 146632214
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

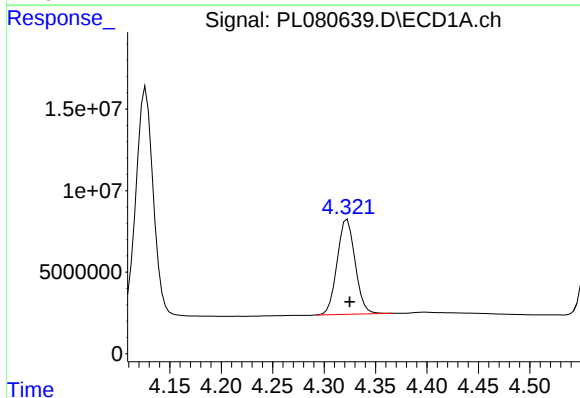
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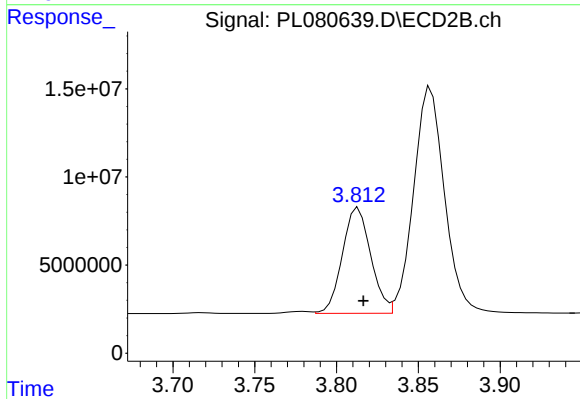
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 158848358
Conc: 53.85 ng/ml



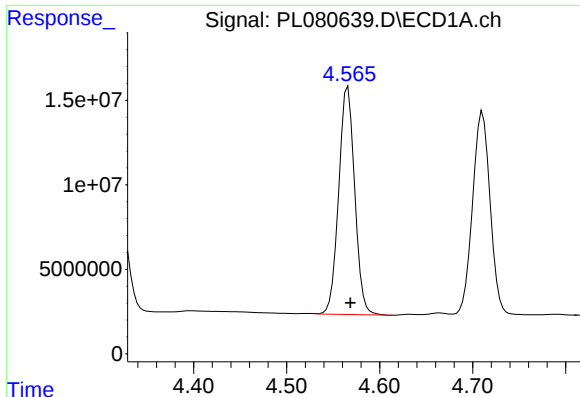
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 70870241
Conc: 51.92 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 72239634
Conc: 54.13 ng/ml



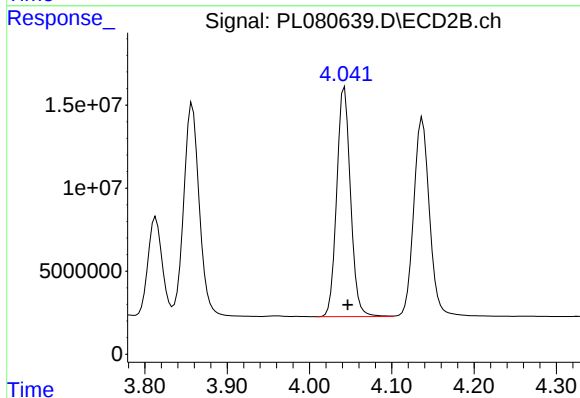
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 161030108
Conc: 55.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

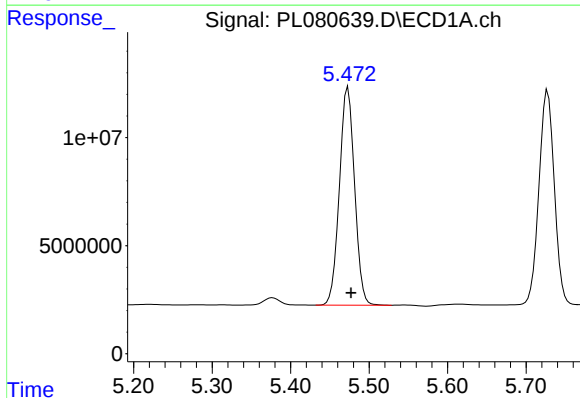
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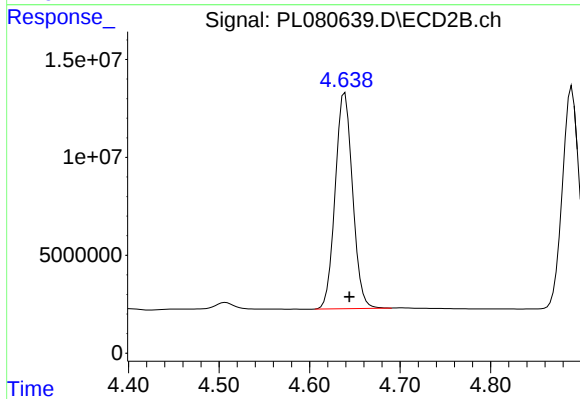
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 160798146
Conc: 55.75 ng/ml



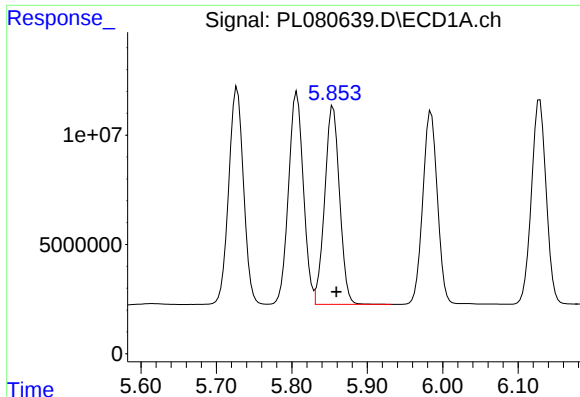
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 135724514
Conc: 52.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 147024300
Conc: 52.84 ng/ml



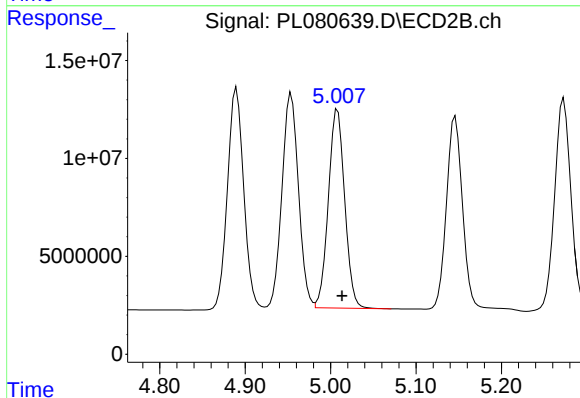
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 124293663
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

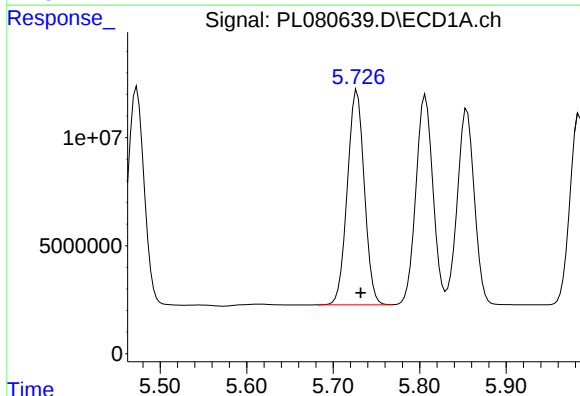
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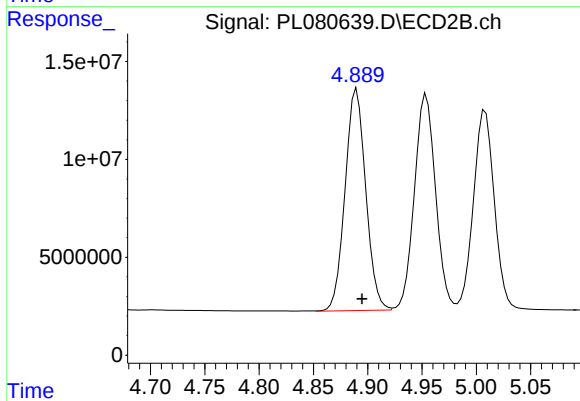
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 134957587
Conc: 51.88 ng/ml



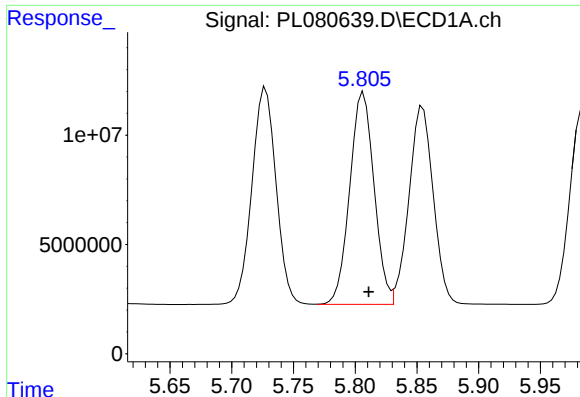
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 135048778
Conc: 53.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 149918092
Conc: 52.90 ng/ml m



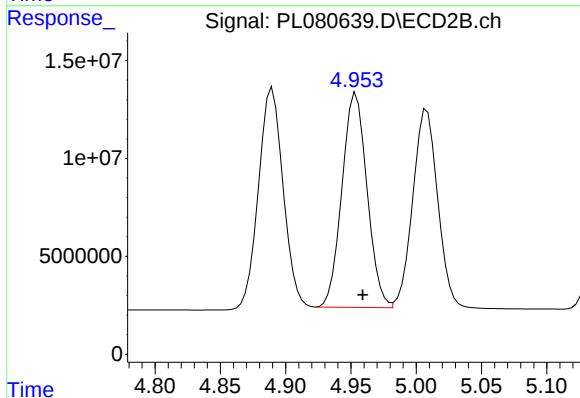
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 133151091
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

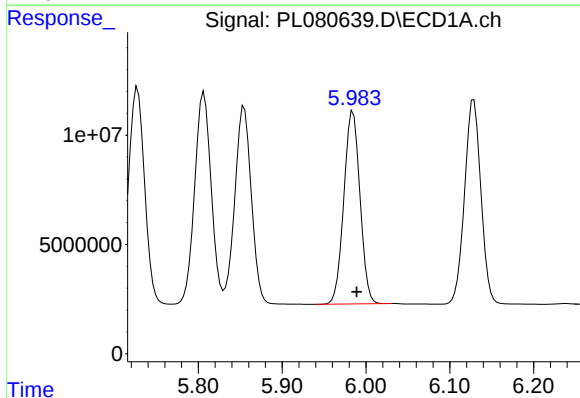
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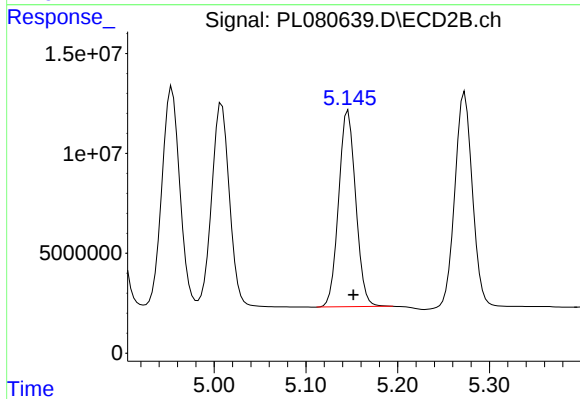
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 146374678
Conc: 51.10 ng/ml



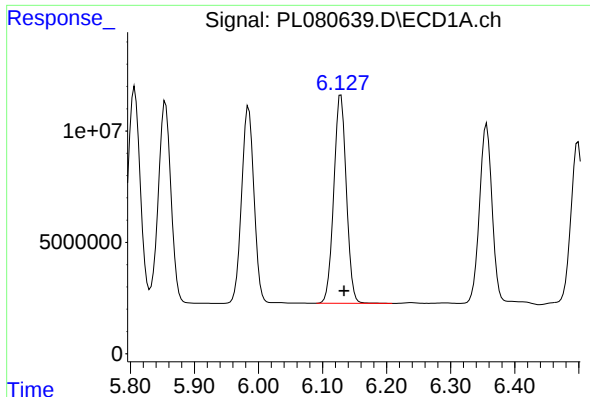
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 118283708
Conc: 53.11 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 126825658
Conc: 53.77 ng/ml m



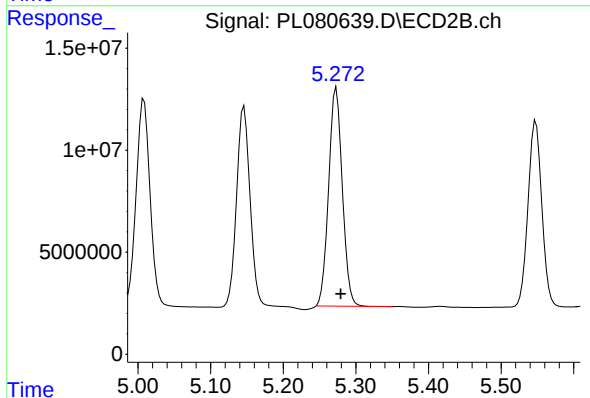
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 127359380
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

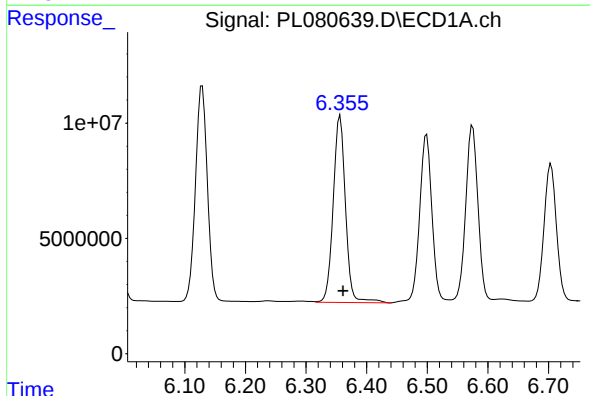
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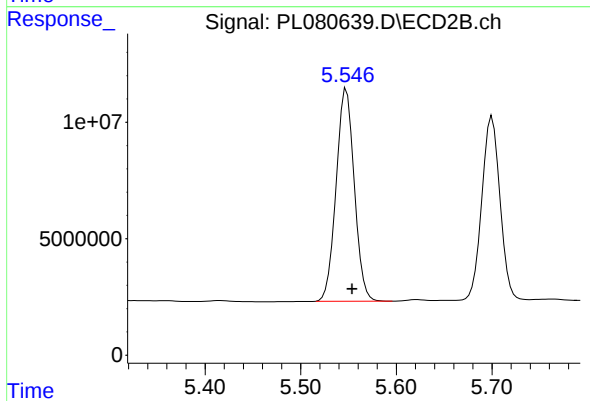
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 140097696
Conc: 51.79 ng/ml



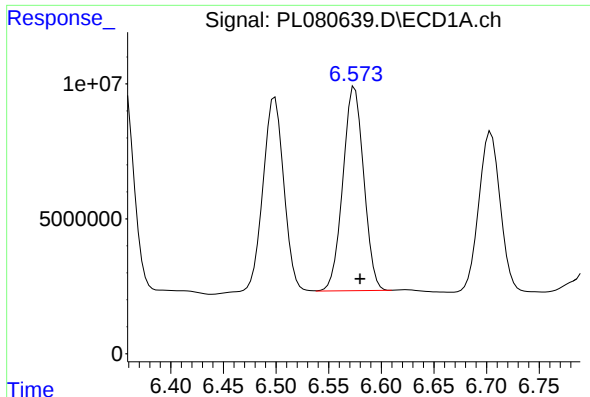
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 114149830
Conc: 52.78 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 120402779
Conc: 51.87 ng/ml



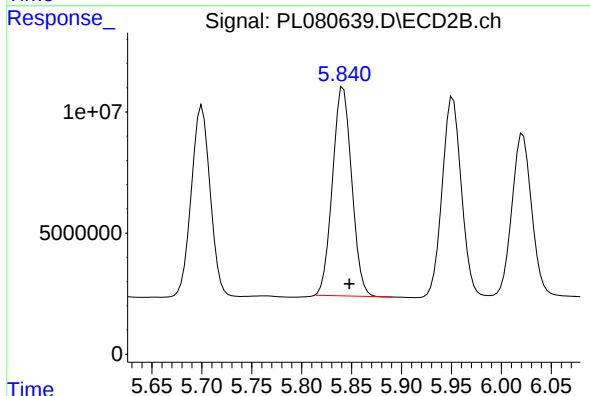
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 104459338
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

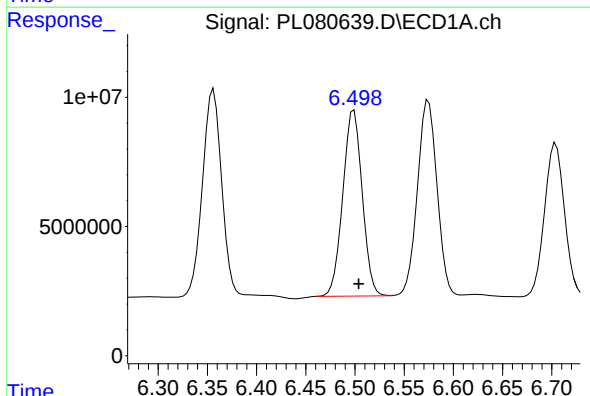
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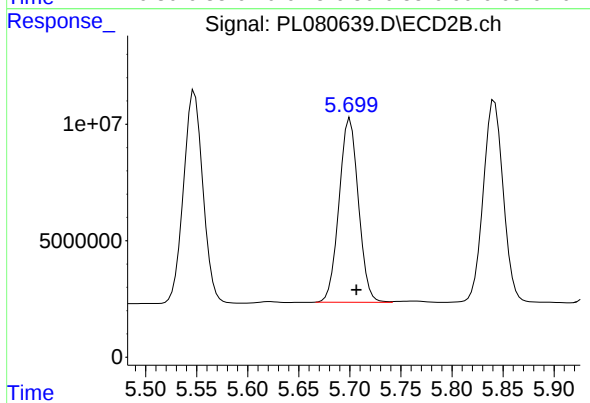
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 115370567
Conc: 55.37 ng/ml



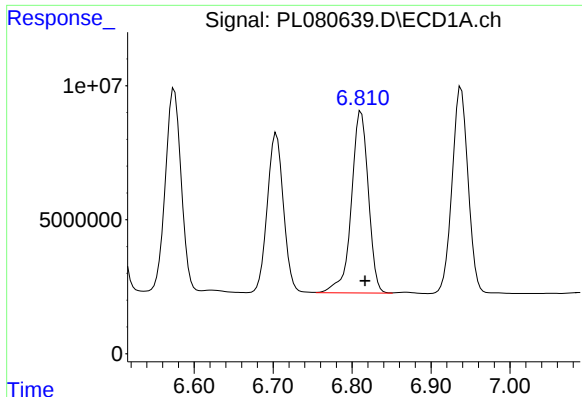
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 98688402
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 104265345
Conc: 55.48 ng/ml



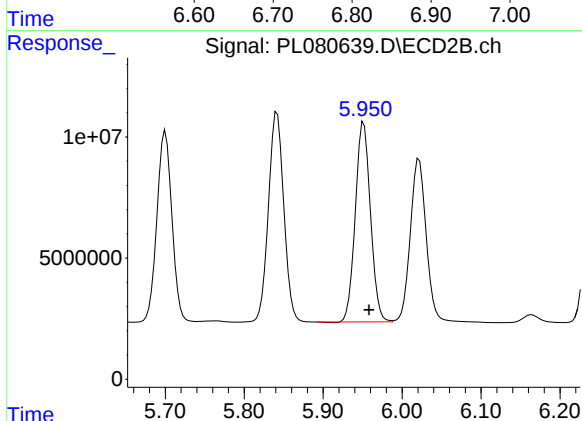
#17 4,4'-DDT

R.T.: 6.811 min
Delta R.T.: -0.005 min
Response: 101627028
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

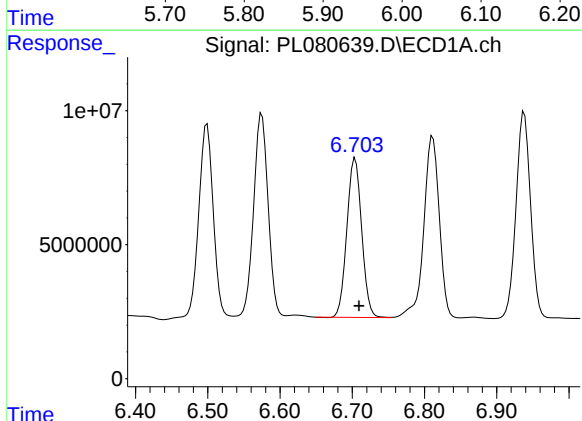
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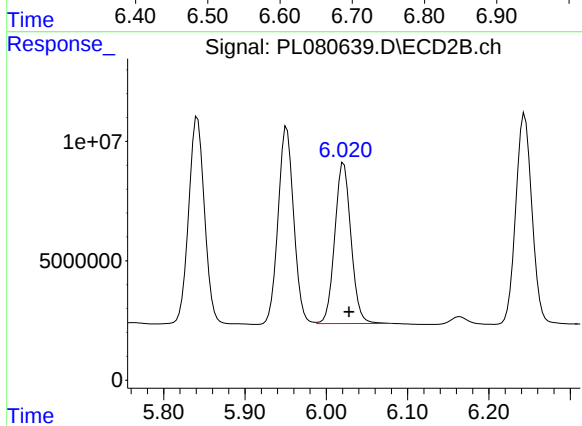
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 109881661
Conc: 52.29 ng/ml



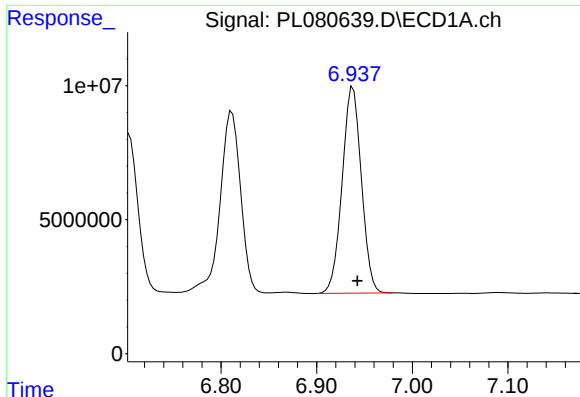
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 84256291
Conc: 50.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 93429522
Conc: 51.16 ng/ml



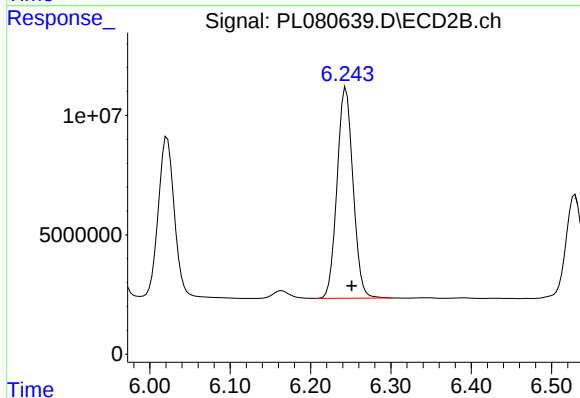
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 107900886
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

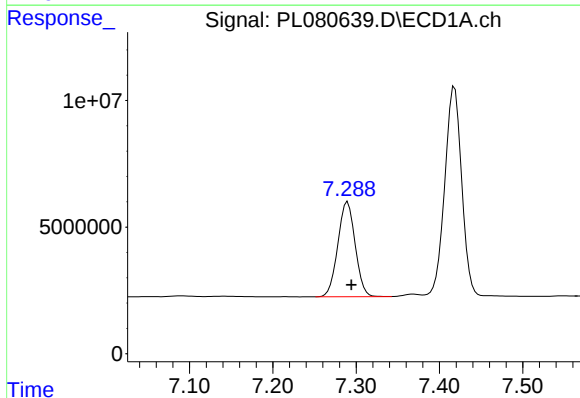
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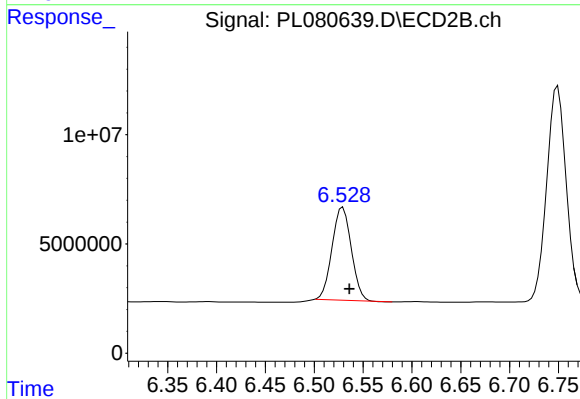
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 121971476
Conc: 52.45 ng/ml



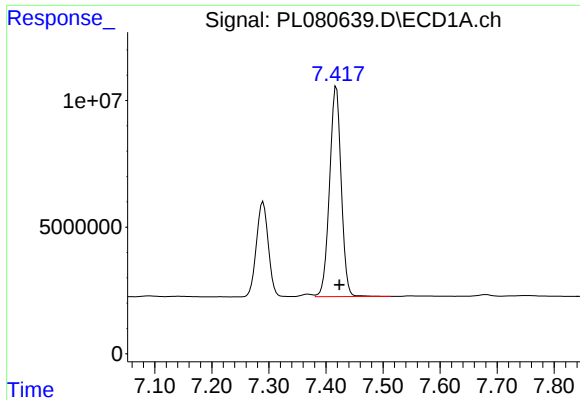
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 54222051
Conc: 49.15 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 58352021
Conc: 48.09 ng/ml



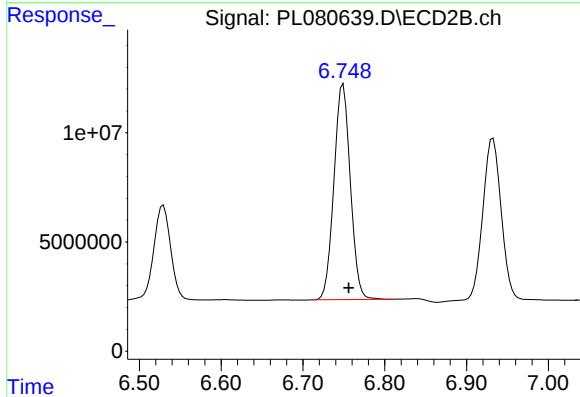
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 117888874
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

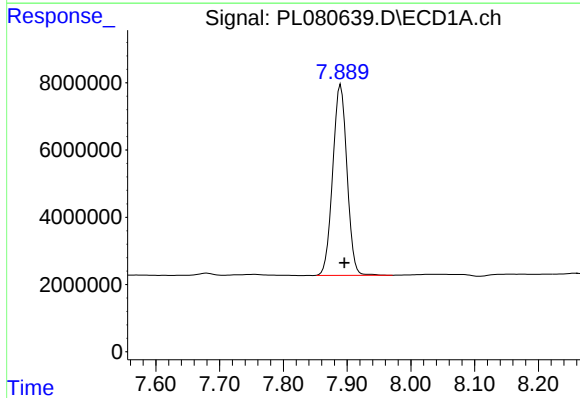
Manual Integrations
APPROVED

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



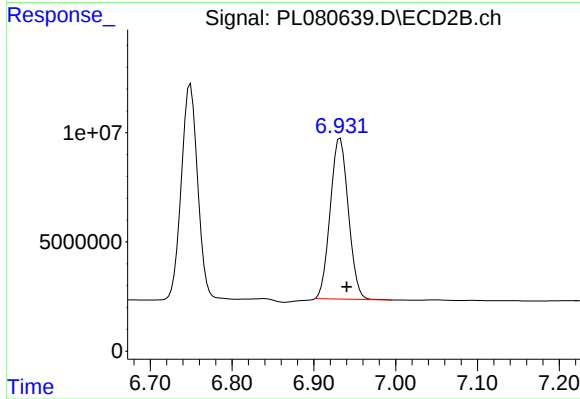
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 137343264
Conc: 53.79 ng/ml



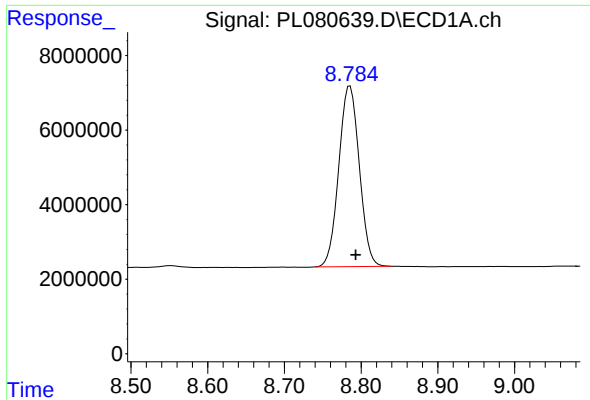
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 88230468
Conc: 51.30 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 113218495
Conc: 49.73 ng/ml



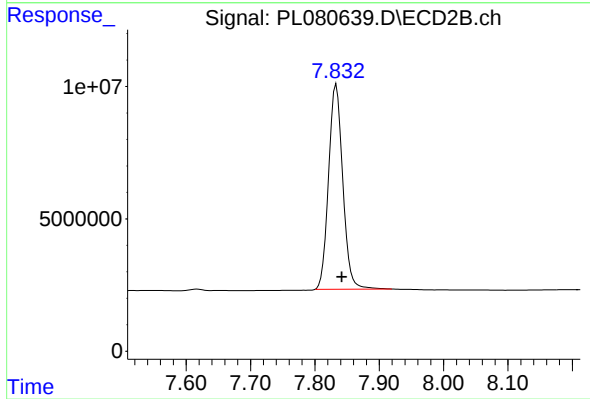
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.008 min
Response: 90275388
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/01/2023



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 118826175
Conc: 49.87 ng/ml