

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 10:01
 Operator : AR\AJ
 Sample : 01541-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ASHMS

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 20:27:38 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...	3.353	2.688	42029869	38061022	19.596	17.328
28)	SA Decachlor...	8.792	7.834	36615199	42852343	20.914	17.986
Target Compounds							
2)	A alpha-BHC	3.802	3.189	173.6E6	159.6E6	54.782	50.192
3)	MA gamma-BHC...	4.130	3.517	163.3E6	151.4E6	55.542	50.695
4)	MA Heptachlor	4.714	3.857	162.8E6	157.8E6	55.076	49.579
5)	MB Aldrin	5.053	4.135	148.4E6	145.5E6	54.243	49.342m
6)	B beta-BHC	4.327	3.813	70521728	65034333	51.663	48.728
7)	B delta-BHC	4.570	4.043	148.5E6	135.2E6	51.307	46.880
8)	B Heptachlo...	5.478	4.639	147.1E6	136.5E6	56.844	49.043
9)	A Endosulfan I	5.859	5.008	132.0E6	113.7E6	55.917	43.706
10)	B gamma-Chl...	5.732	4.888	138.6E6	138.3E6	54.869	48.809m
11)	B alpha-Chl...	5.811	4.953	136.6E6	135.2E6	54.111	47.207
12)	B 4,4'-DDE	5.989	5.144	120.4E6	119.8E6	54.036	50.794m
13)	MA Dieldrin	6.134	5.273	131.4E6	132.4E6	54.882	48.961
14)	MA Endrin	6.359	5.548	117.6E6	129.5E6	54.376m	55.803
15)	B Endosulfa...	6.579	5.842	110.0E6	109.4E6	47.984	52.499
16)	A 4,4'-DDD	6.503	5.700	106.5E6	98863338	58.125	52.609
17)	MA 4,4'-DDT	6.817	5.951	110.9E6	106.6E6	53.388	50.703
18)	B Endrin al...	6.709	6.022	90522711	88863272	54.420	48.663
19)	B Endosulfa...	6.943	6.245	112.3E6	113.2E6	54.246	48.656
20)	A Methoxychlor	7.293	6.529	56481073	58753444	51.193m	48.418
21)	B Endrin ke...	7.423	6.748	117.8E6	119.0E6	53.386	46.595m
22)	Mirex	7.895	6.933	90487456	105.0E6	52.615	46.123

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 10:01
Operator : AR\AJ
Sample : 01541-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ASHMS

Manual Integrations

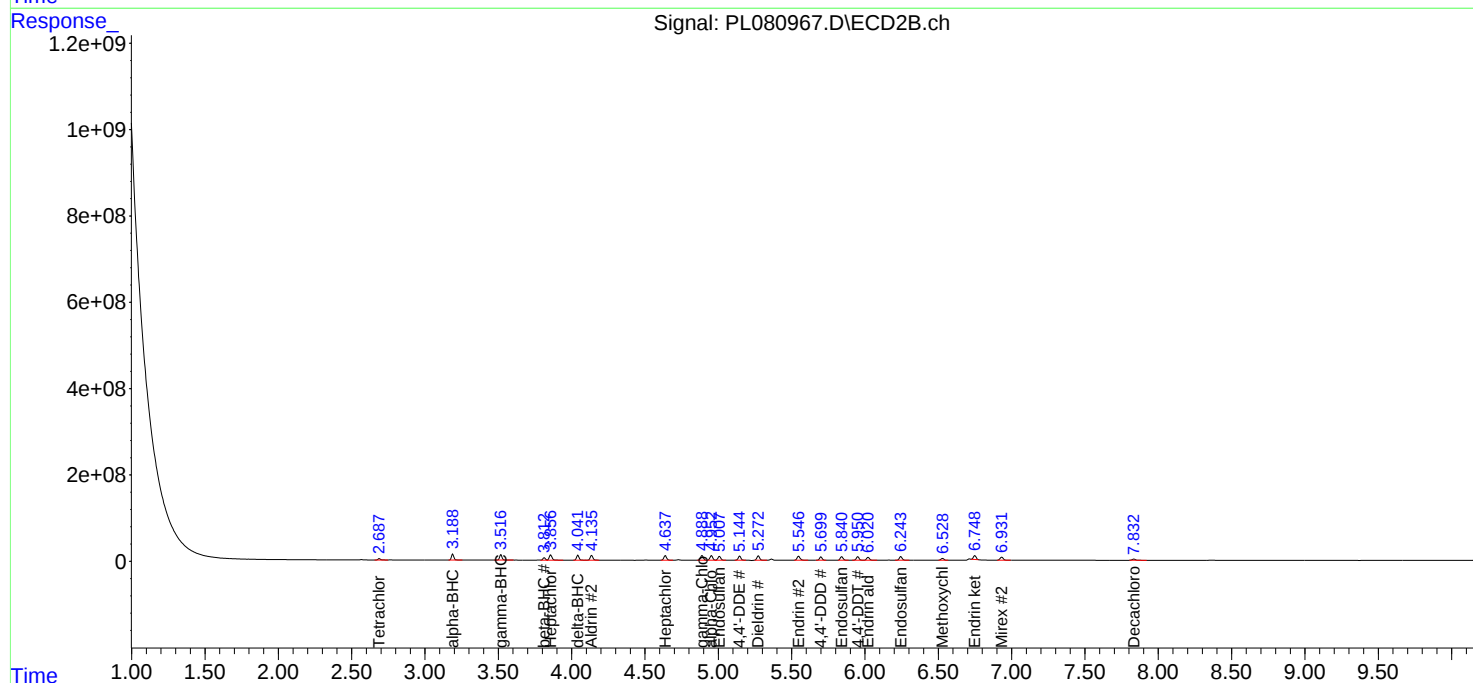
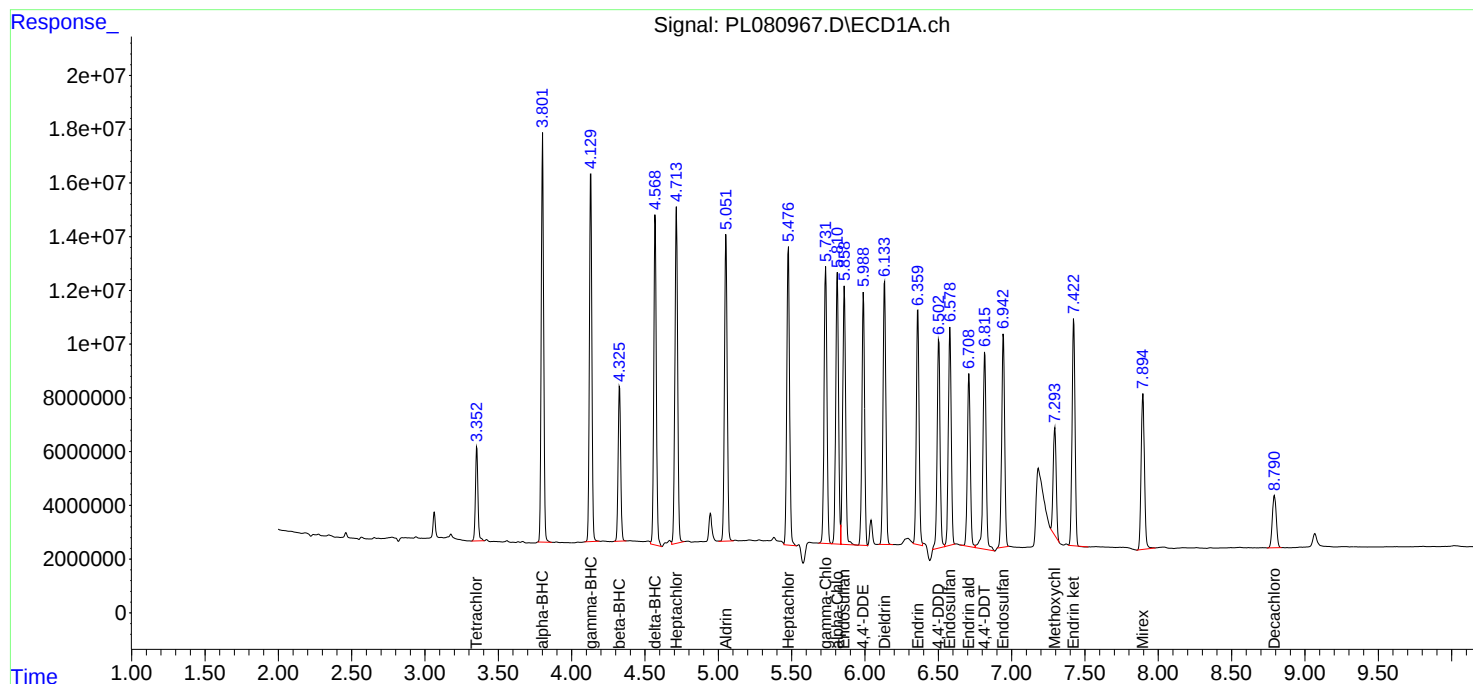
APPROVED

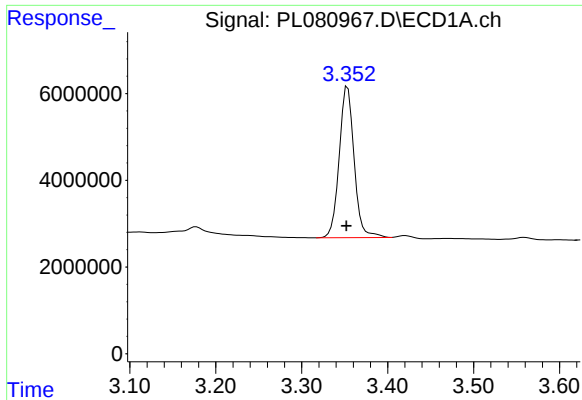
Reviewed By :Abdul Mirza 02/17/2023

Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:27:38 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





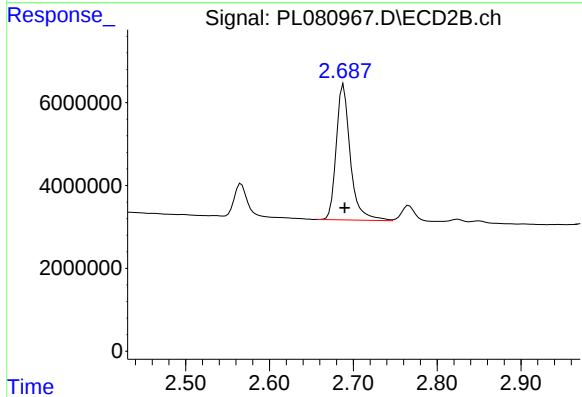
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 42029869
Conc: 19.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

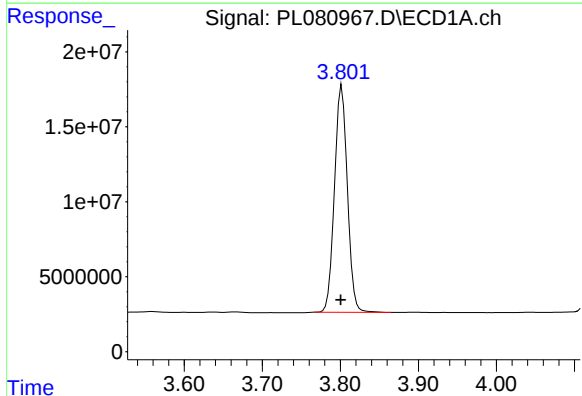
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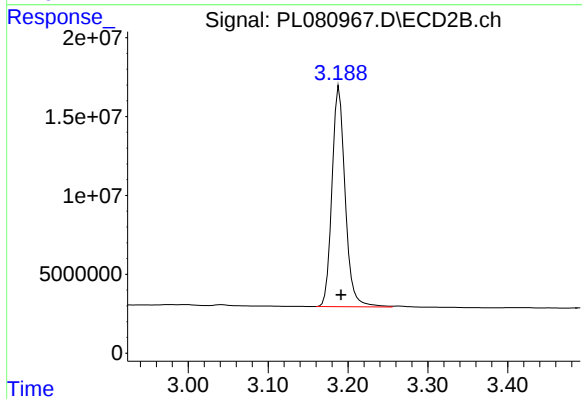
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 38061022
Conc: 17.33 ng/ml



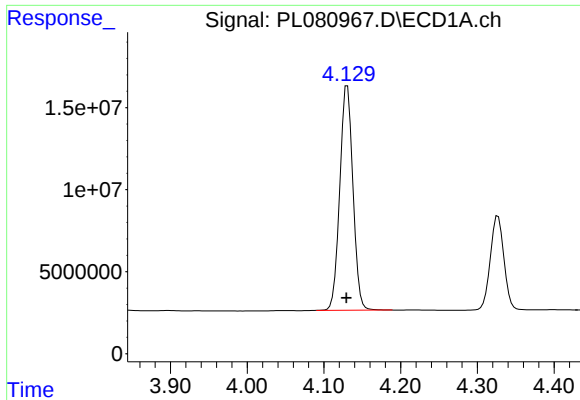
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 173550627
Conc: 54.78 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 159631079
Conc: 50.19 ng/ml



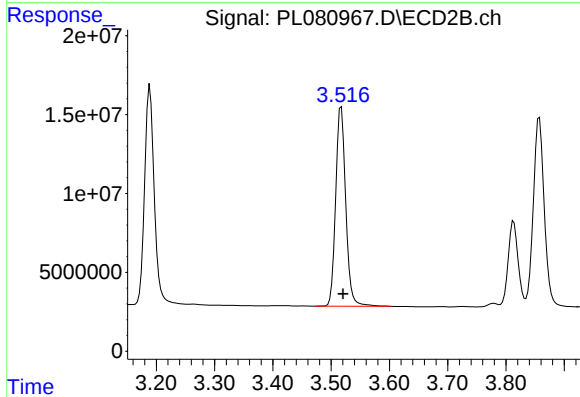
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.001 min
Response: 163280781
Conc: 55.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

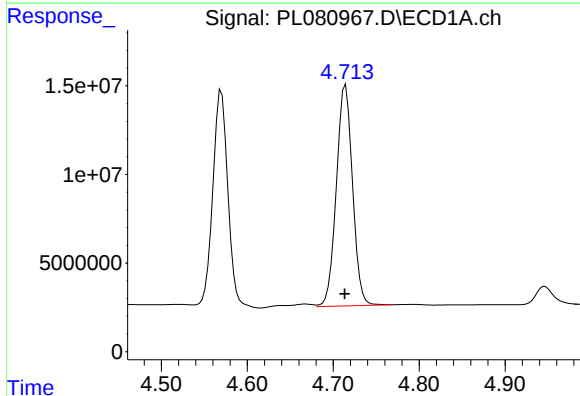
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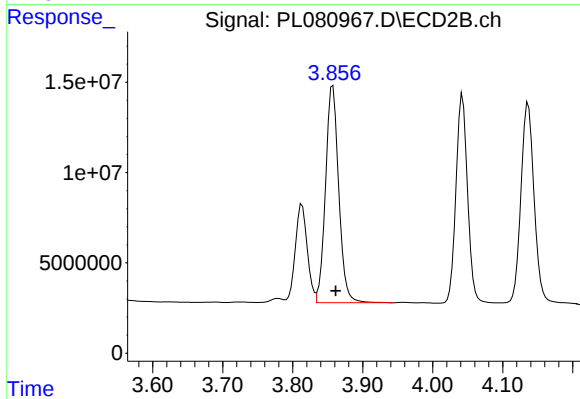
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 151440046
Conc: 50.69 ng/ml



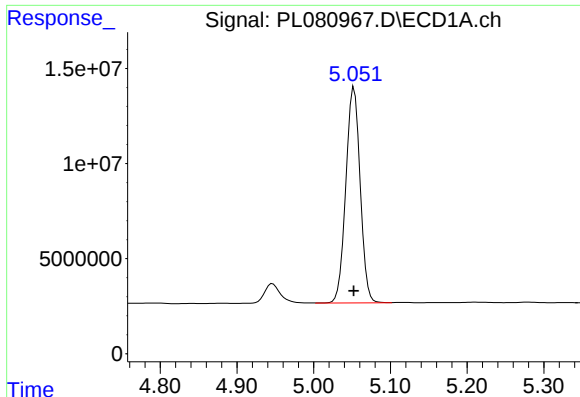
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 162763208
Conc: 55.08 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 157779487
Conc: 49.58 ng/ml



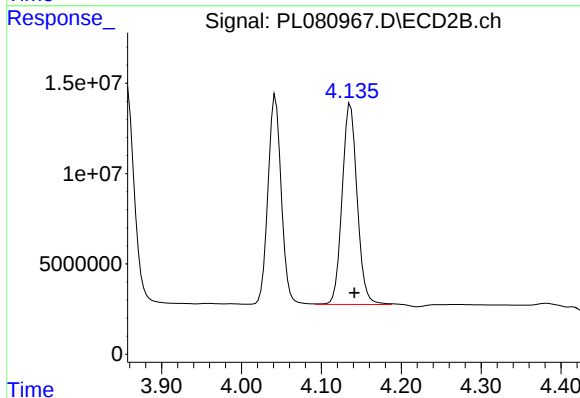
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 148395797
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

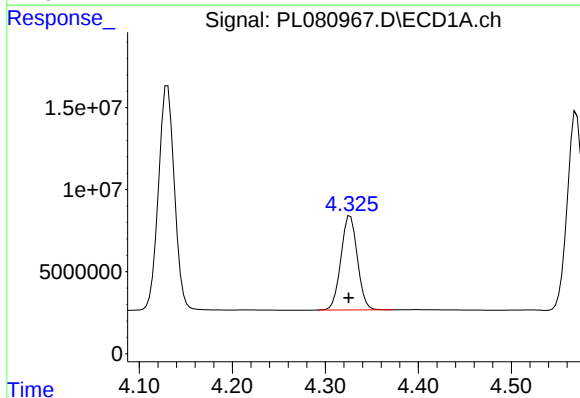
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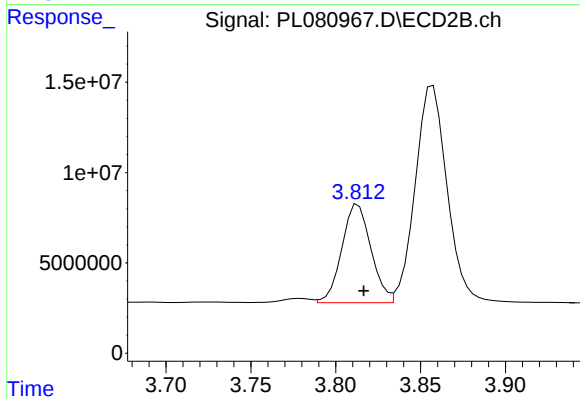
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 145538919
Conc: 49.34 ng/ml m



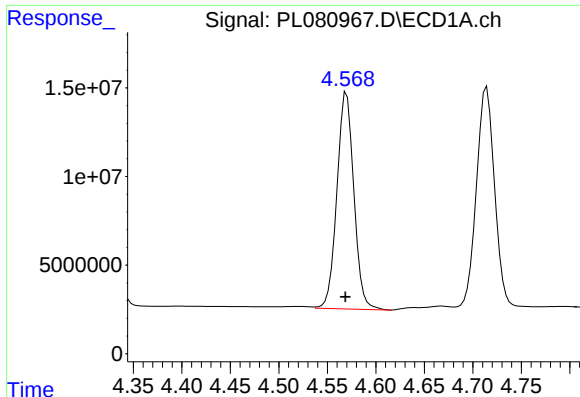
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 70521728
Conc: 51.66 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 65034333
Conc: 48.73 ng/ml



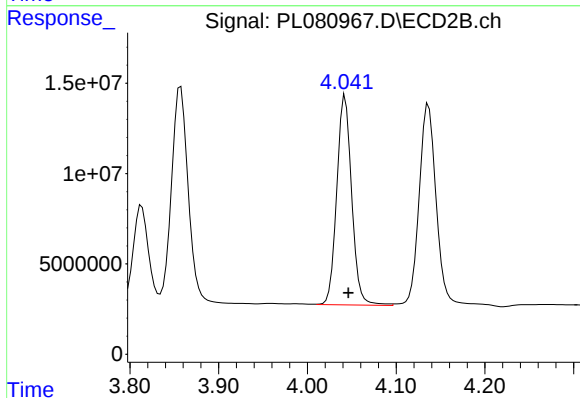
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 148533210
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

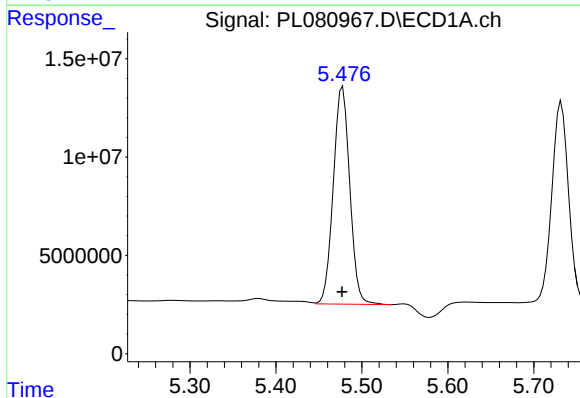
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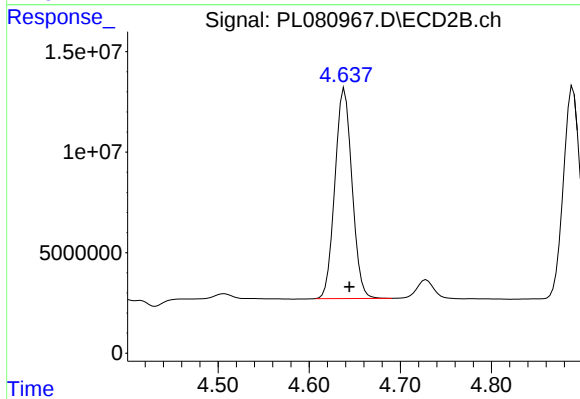
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 135223391
Conc: 46.88 ng/ml



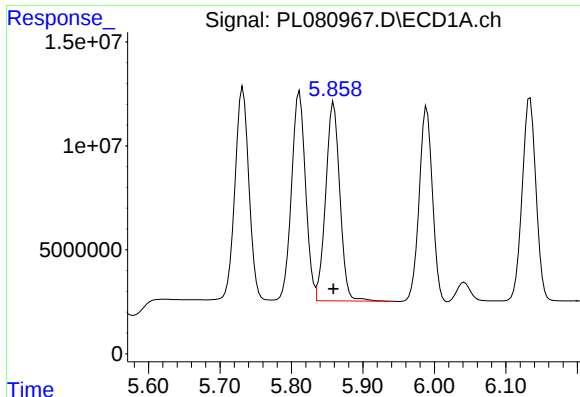
#8 Heptachlor epoxide

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 147057654
Conc: 56.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 136454436
Conc: 49.04 ng/ml



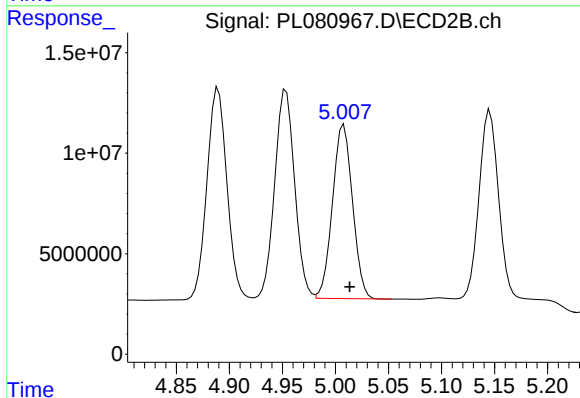
#9 Endosulfan I

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 132046568
Conc: 55.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

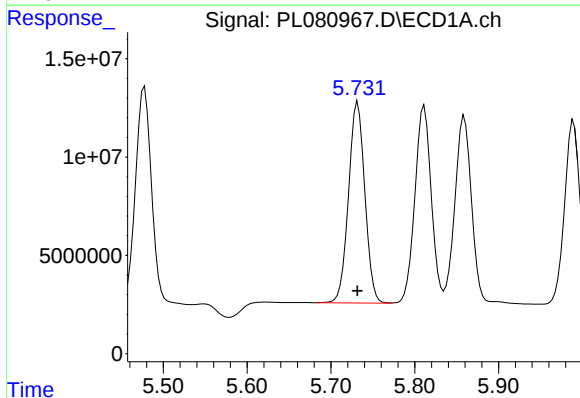
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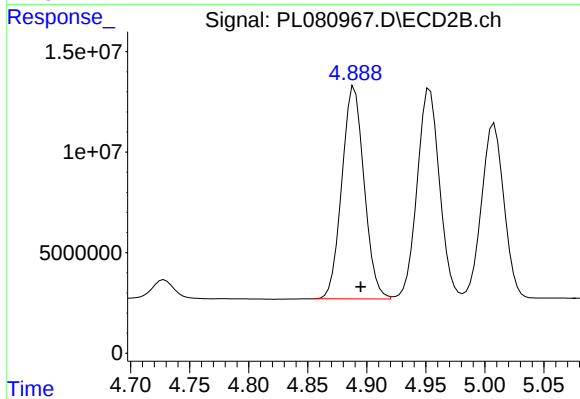
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 113692768
Conc: 43.71 ng/ml



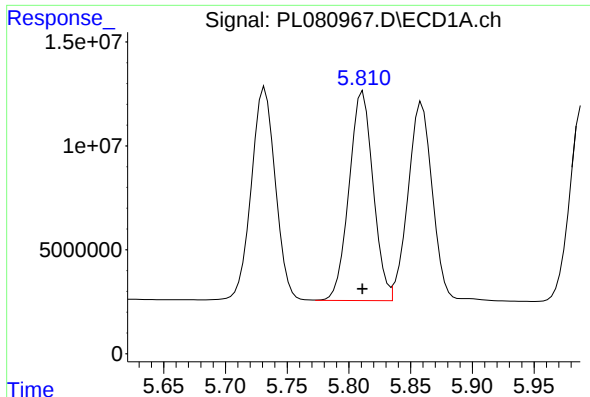
#10 gamma-Chlordane

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 138583227
Conc: 54.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 138336768
Conc: 48.81 ng/ml m



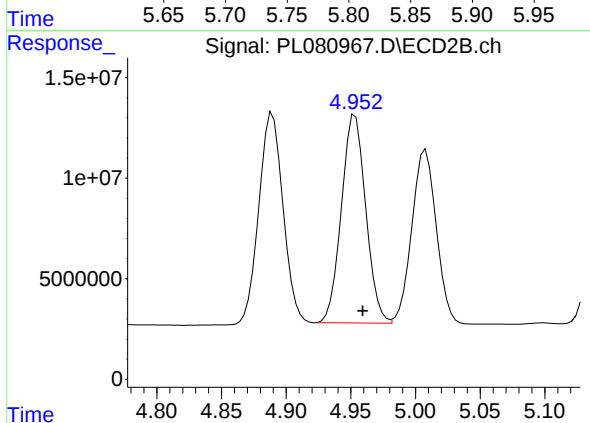
#11 alpha-Chlordane

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 136589709
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

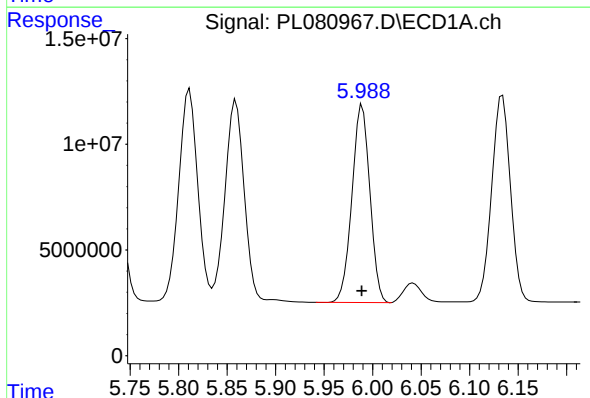
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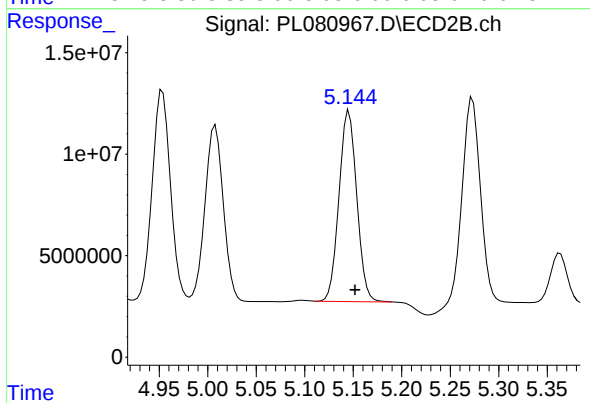
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 135234205
Conc: 47.21 ng/ml



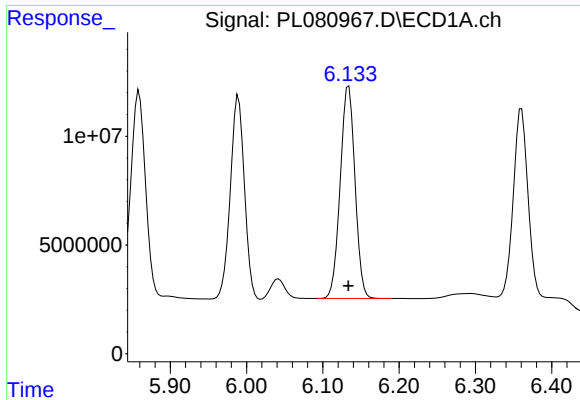
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 120356201
Conc: 54.04 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 119814102
Conc: 50.79 ng/ml m



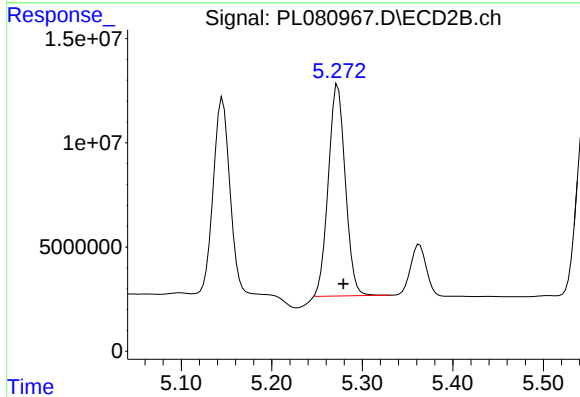
#13 Dieldrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 131352793
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

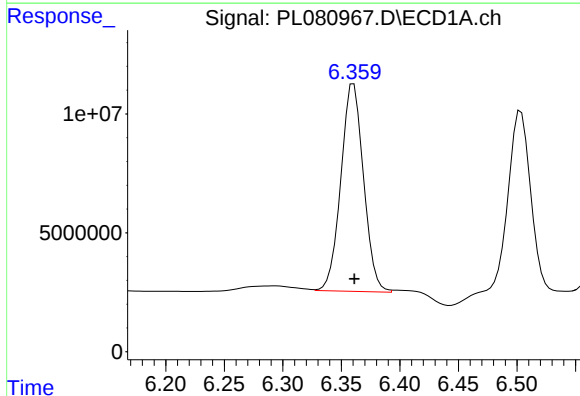
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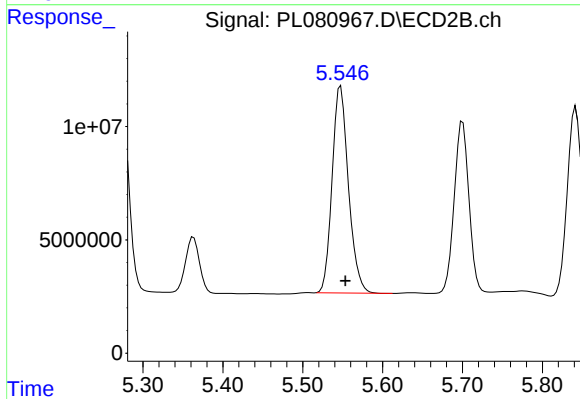
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 132438103
Conc: 48.96 ng/ml



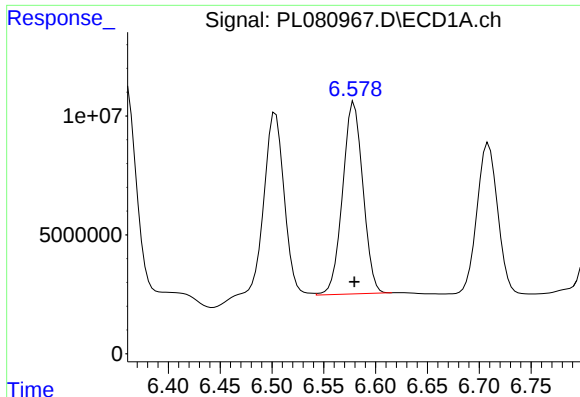
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 117598371
Conc: 54.38 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 129528097
Conc: 55.80 ng/ml



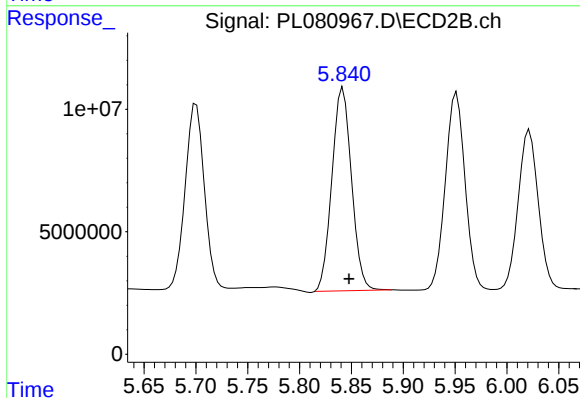
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 109995214
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

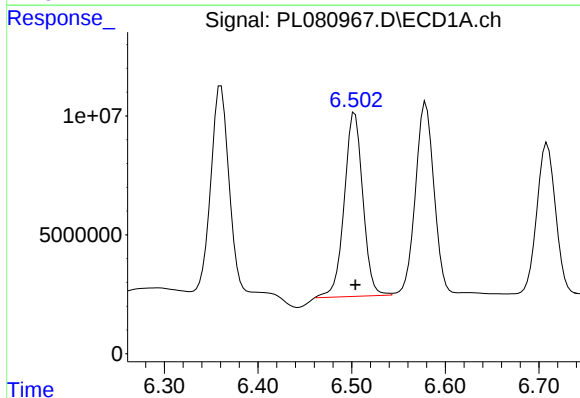
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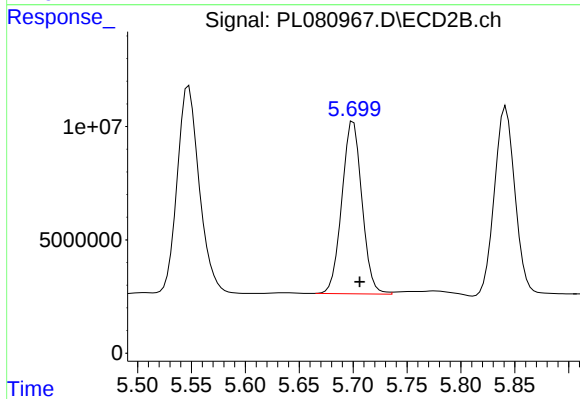
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 109392734
Conc: 52.50 ng/ml



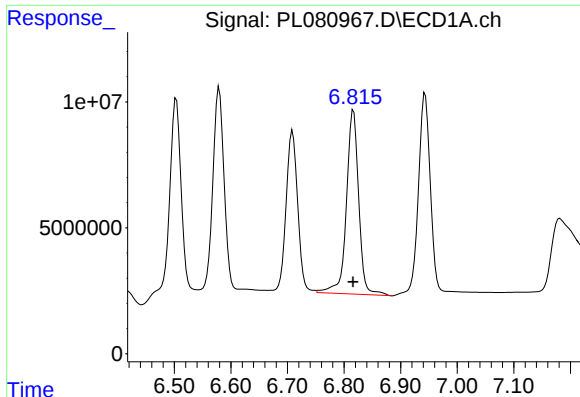
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 106483809
Conc: 58.12 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 98863338
Conc: 52.61 ng/ml



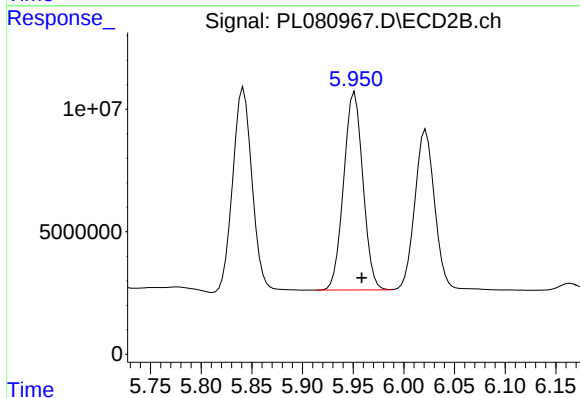
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 110921516
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

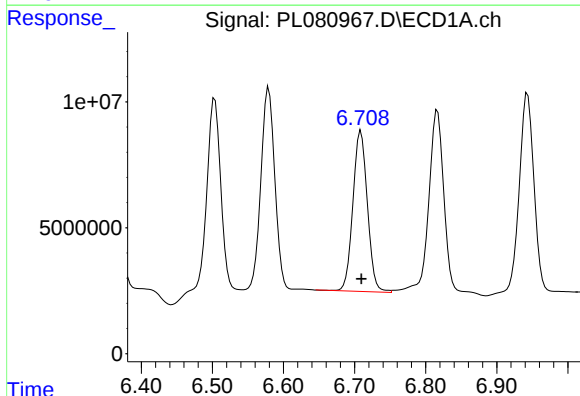
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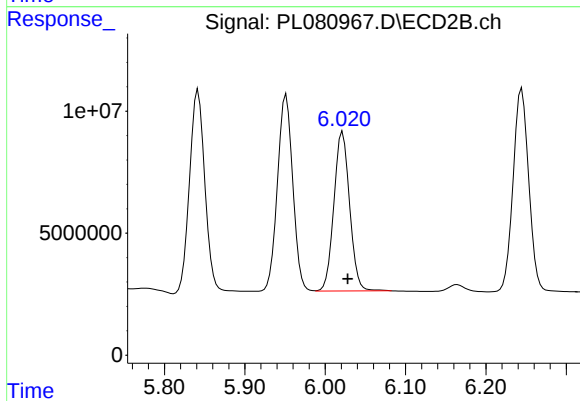
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 106552608
Conc: 50.70 ng/ml



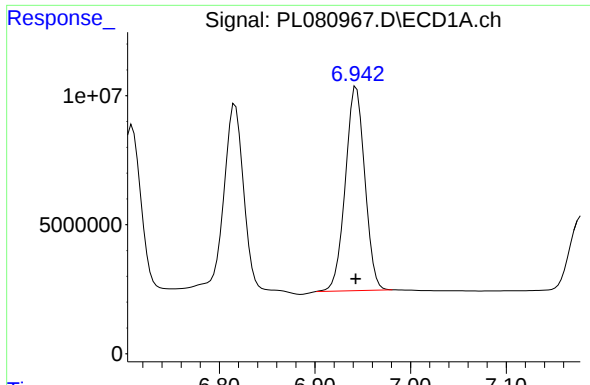
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 90522711
Conc: 54.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 88863272
Conc: 48.66 ng/ml



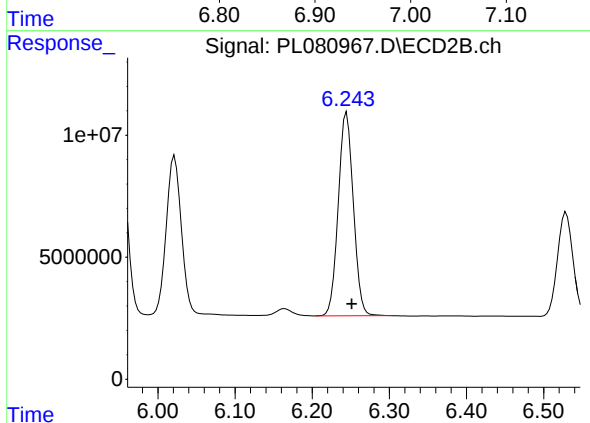
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 112284712
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

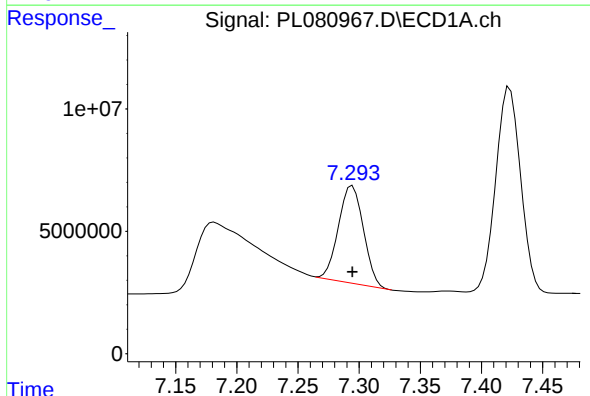
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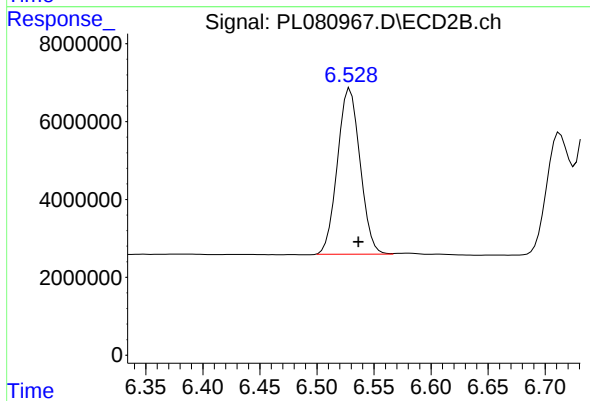
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 113157513
Conc: 48.66 ng/ml



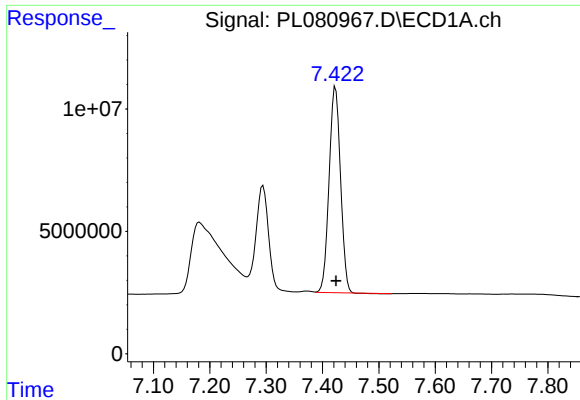
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 56481073
Conc: 51.19 ng/ml m



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 58753444
Conc: 48.42 ng/ml



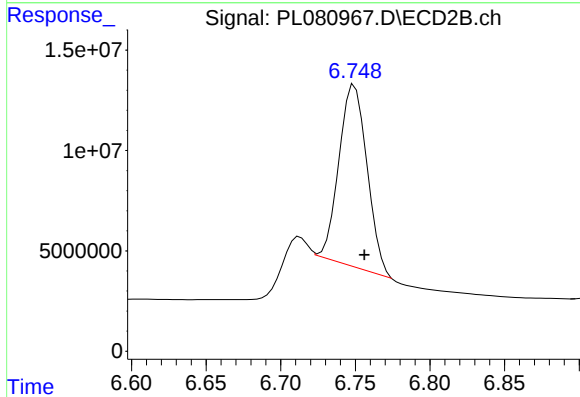
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 117788118
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

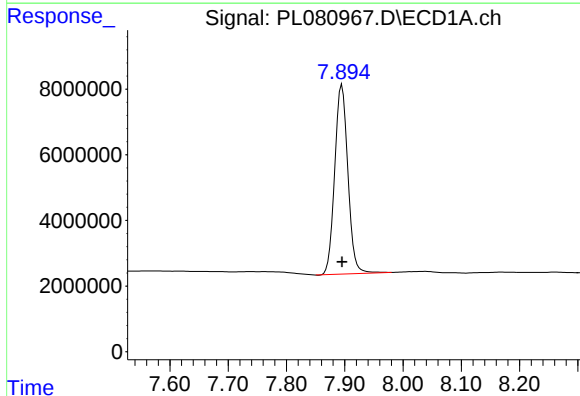
Manual Integrations
APPROVED

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



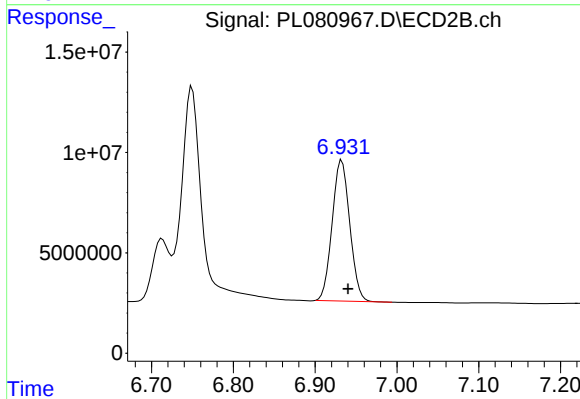
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 118967787
Conc: 46.60 ng/ml m



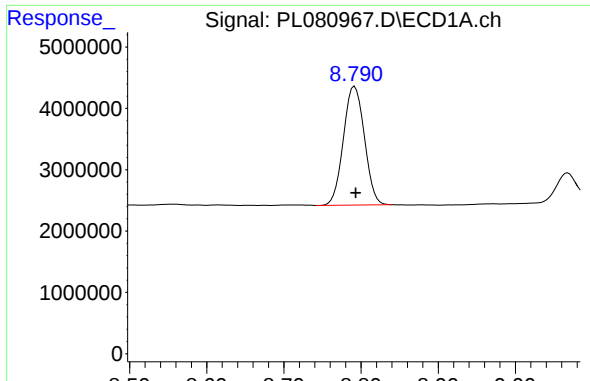
#22 Mirex

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 90487456
Conc: 52.62 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 105010512
Conc: 46.12 ng/ml



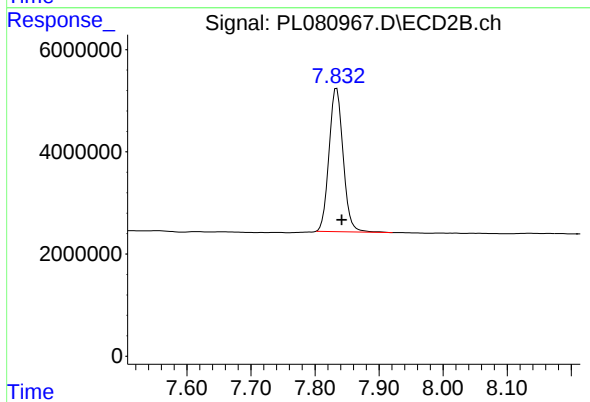
#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 36615199
Conc: 20.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMS

Manual Integrations
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Supervised By :Ankita Jodhani 02/17/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 42852343
Conc: 17.99 ng/ml