

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011623\
 Data File : PL080352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2023 18:47
 Operator : AR\AJ
 Sample : 01159-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-6MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/17/2023
 Supervised By : Ankita Jodhani 01/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 20:45:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.350	2.690	35505605	36091969	17.774m	16.137
28)	SA Decachlor...	8.789	7.841	26766933	35281629	18.142	15.696
Target Compounds							
2)	A alpha-BHC	3.800	3.192	151.7E6	149.1E6	52.531	46.538
3)	MA gamma-BHC...	4.129	3.520	140.3E6	139.1E6	52.467	46.064
4)	MA Heptachlor	4.712	3.862	134.1E6	143.0E6	51.509	44.409
5)	MB Aldrin	5.051	4.141	131.7E6	141.1E6	55.404	47.427
6)	B beta-BHC	4.324	3.816	62157177	59545014	52.588	44.242
7)	B delta-BHC	4.567	4.046	139.9E6	135.3E6	53.539	46.832
8)	B Heptachlo...	5.476	4.644	120.1E6	127.8E6	54.075	45.584
9)	A Endosulfan I	5.857	5.013	108.0E6	117.2E6	53.333	44.845
10)	B gamma-Chl...	5.730	4.895	119.8E6	130.8E6	54.717	45.783
11)	B alpha-Chl...	5.809	4.959	117.8E6	130.3E6	54.320	45.547
12)	B 4,4'-DDE	5.987	5.152	105.4E6	111.9E6	54.356	47.674
13)	MA Dieldrin	6.131	5.279	115.4E6	127.6E6	56.154	46.805
14)	MA Endrin	6.359	5.553	100.9E6	110.6E6	55.019	46.474
15)	B Endosulfa...	6.577	5.847	98706353	110.1E6	51.174	45.371
16)	A 4,4'-DDD	6.501	5.706	88688711	90775474	56.037	48.978
17)	MA 4,4'-DDT	6.814	5.957	84078730	91317951	47.675	43.335
18)	B Endrin al...	6.707	6.027	76486250	82953466	53.018	45.563
19)	B Endosulfa...	6.940	6.250	95111935	107.0E6	54.569	46.075
20)	A Methoxychlor	7.292	6.536	45291584	51784025	50.835	43.081
21)	B Endrin ke...	7.420	6.755	100.3E6	118.0E6	53.811	46.846
22)	Mirex	7.892	6.940	79592084	107.4E6	56.268	47.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011623\
Data File : PL080352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2023 18:47
Operator : AR\AJ
Sample : 01159-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

MH-6MSD

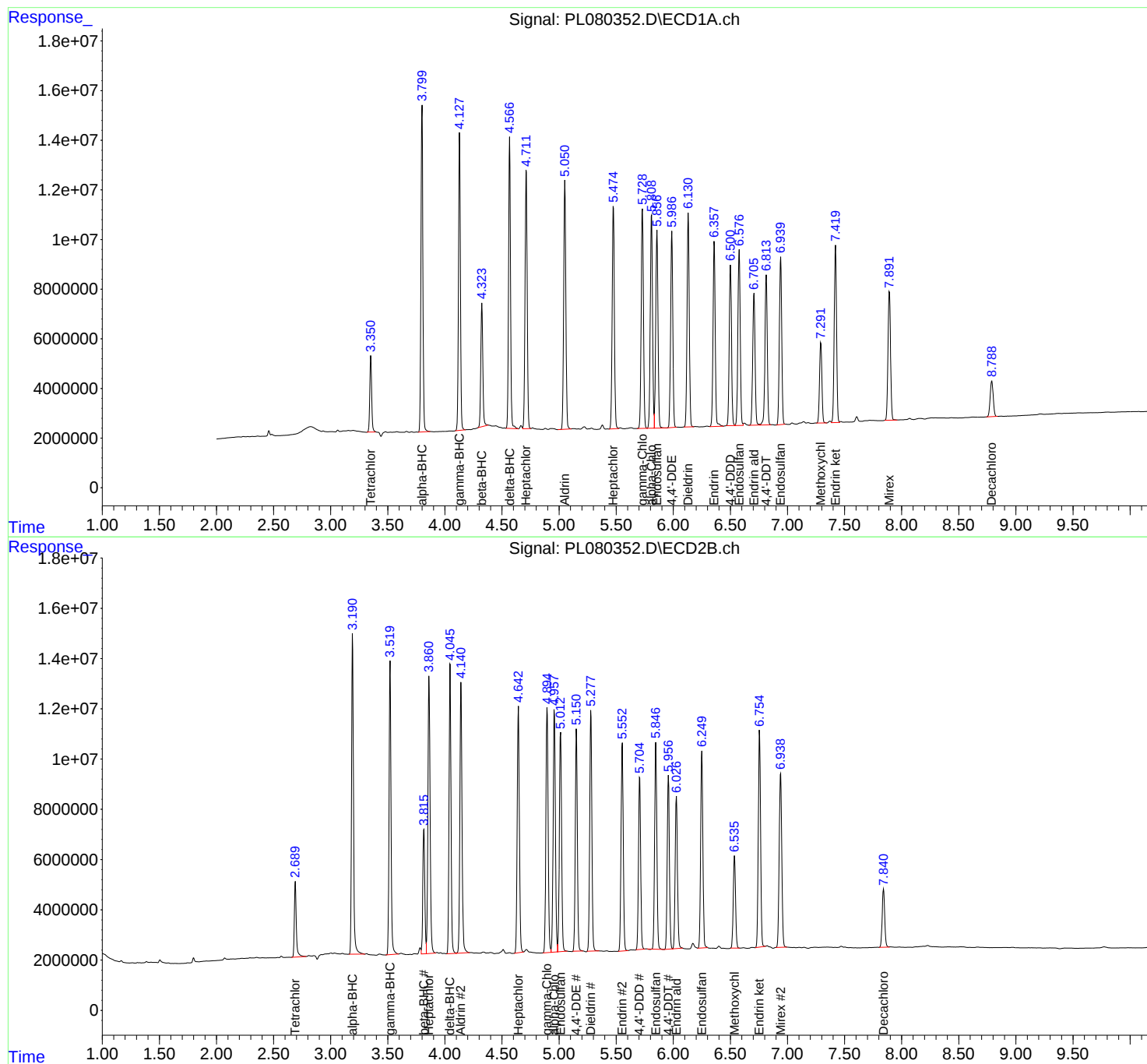
Manual Integrations

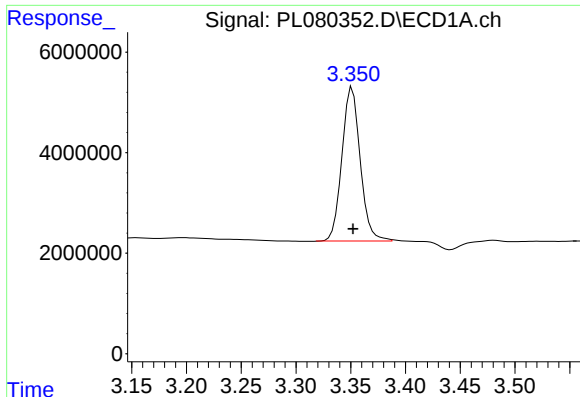
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Reviewed By :Abdul Mirza 01/17/2023
Supervised By :Ankita Jodhani 01/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 16 20:45:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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





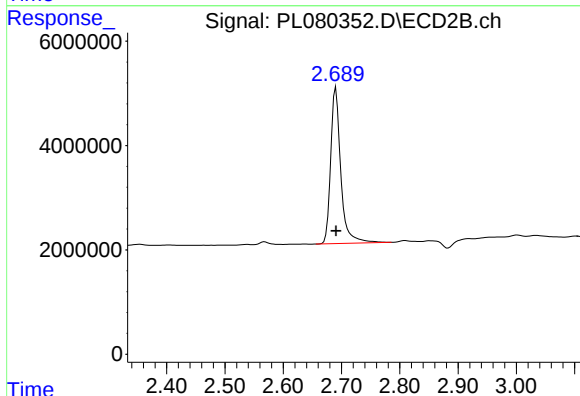
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 35505605
Conc: 17.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

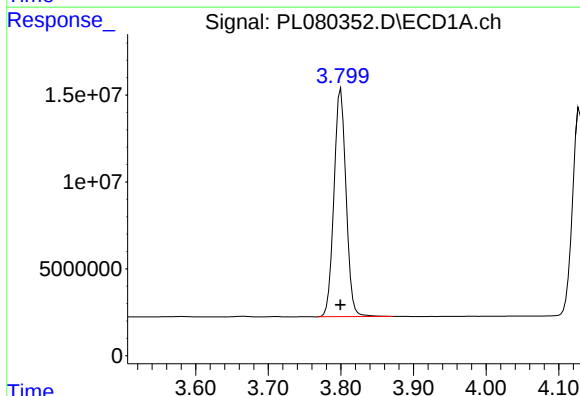
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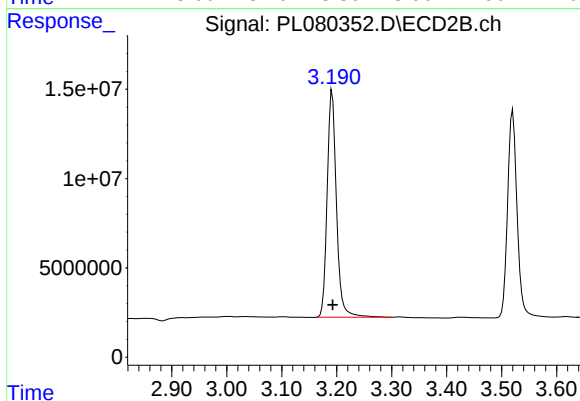
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 36091969
Conc: 16.14 ng/ml



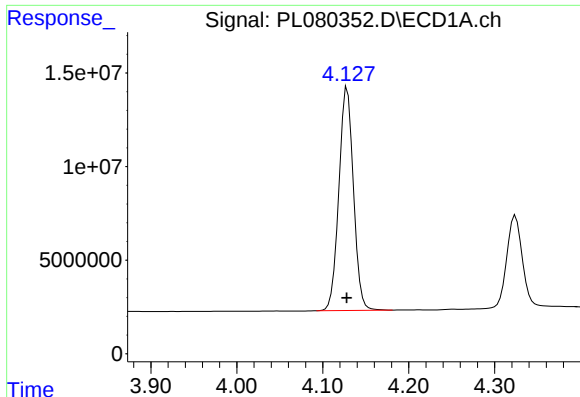
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 151721068
Conc: 52.53 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 149083036
Conc: 46.54 ng/ml



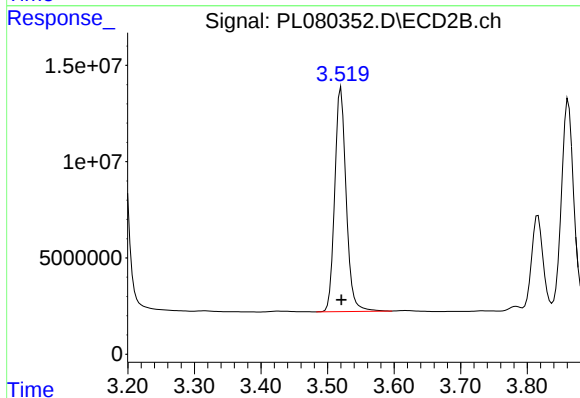
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 140253472
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

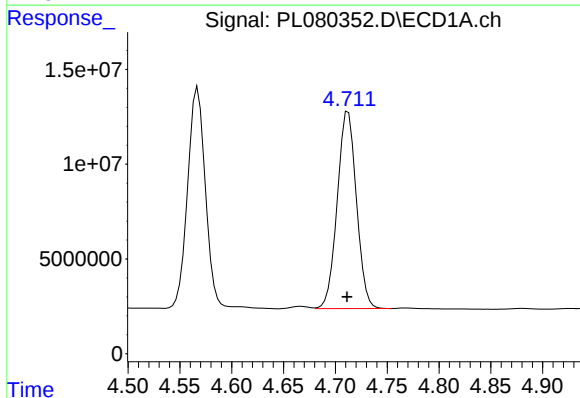
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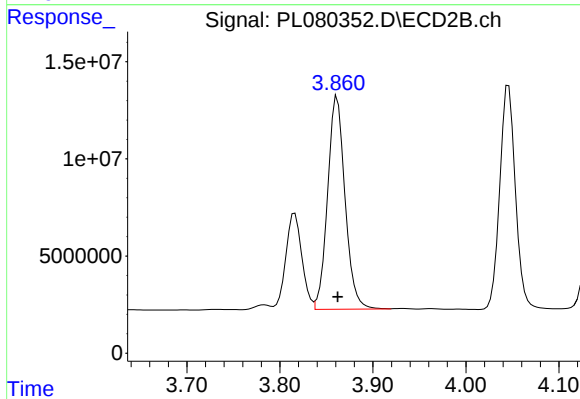
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 139059698
Conc: 46.06 ng/ml



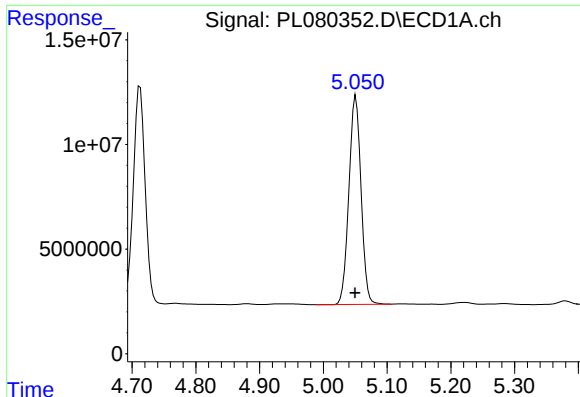
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: 0.001 min
Response: 134081460
Conc: 51.51 ng/ml



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.000 min
Response: 142981919
Conc: 44.41 ng/ml



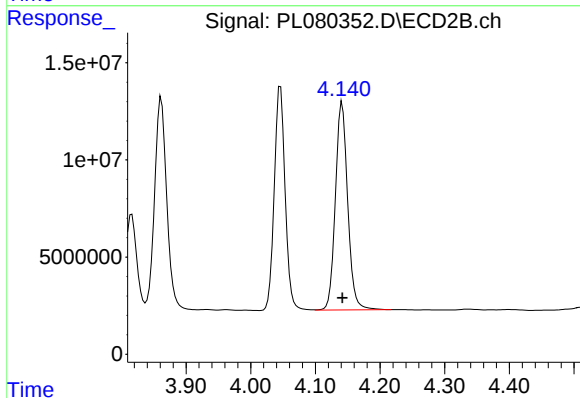
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 131699302
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

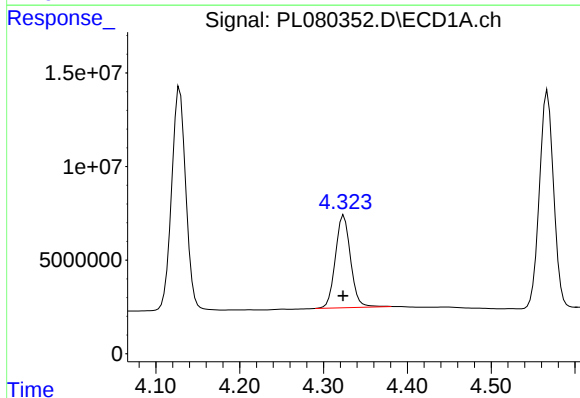
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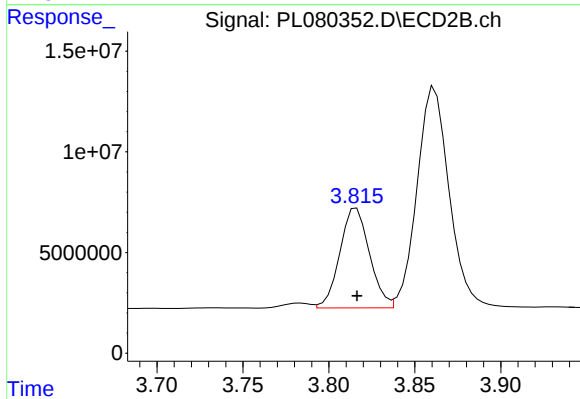
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 141112762
Conc: 47.43 ng/ml



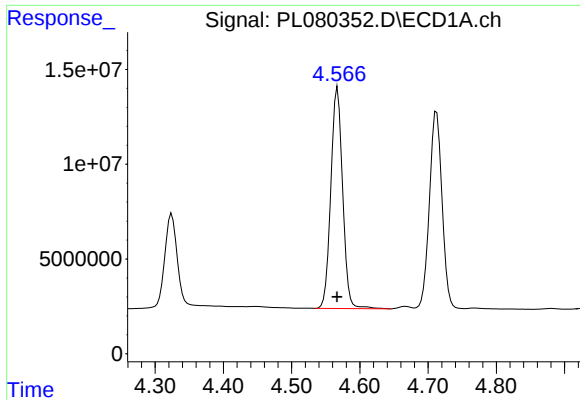
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 62157177
Conc: 52.59 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 59545014
Conc: 44.24 ng/ml



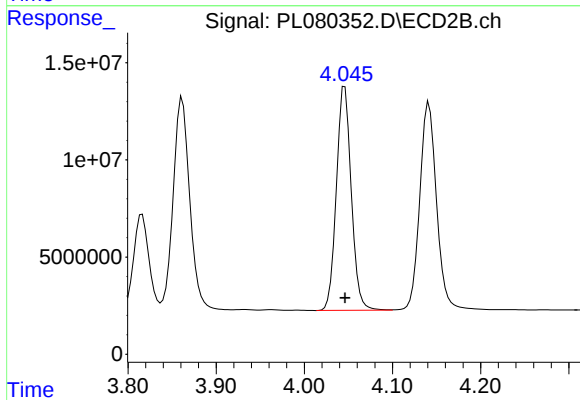
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 139875384
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

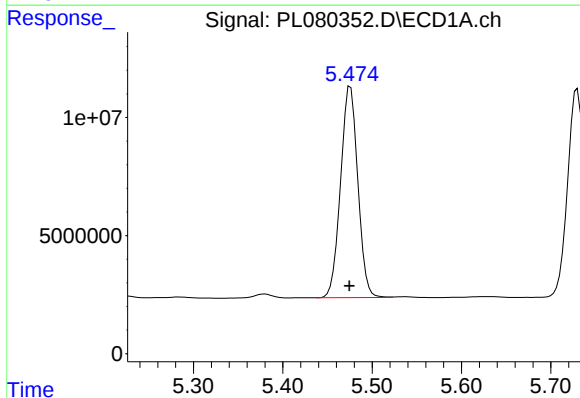
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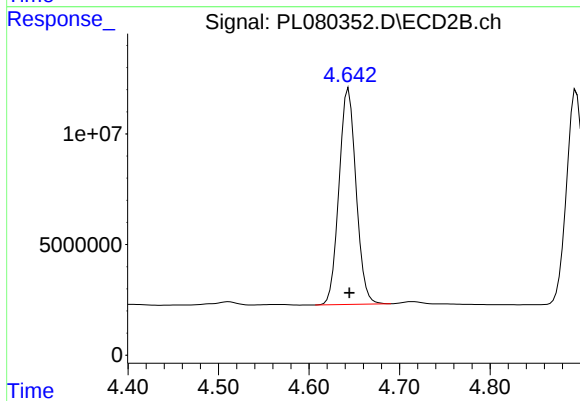
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 135336510
Conc: 46.83 ng/ml



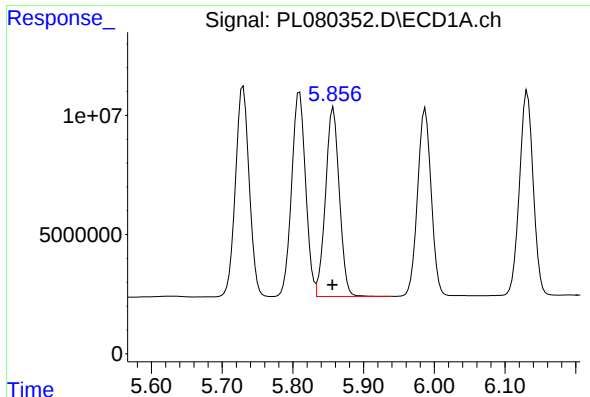
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.001 min
Response: 120060279
Conc: 54.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 127814551
Conc: 45.58 ng/ml



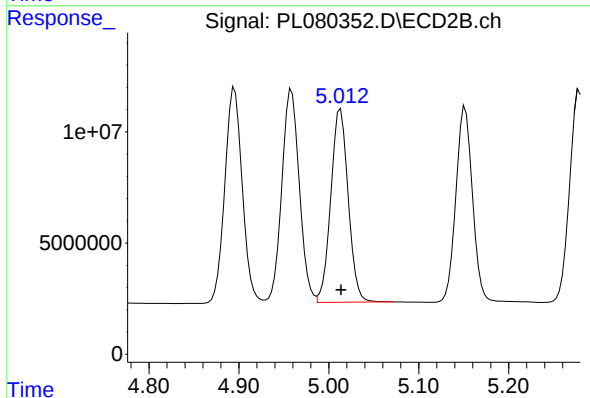
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: 0.001 min
Response: 108038787
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

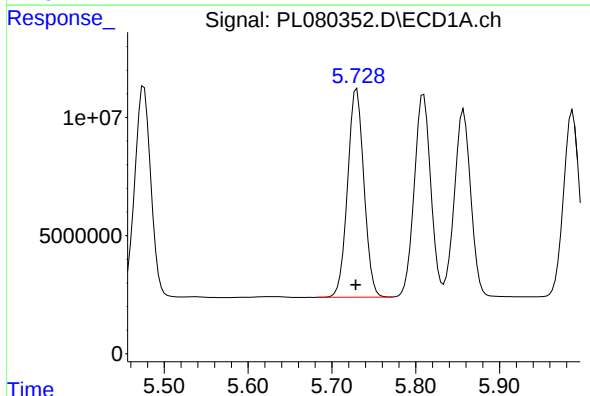
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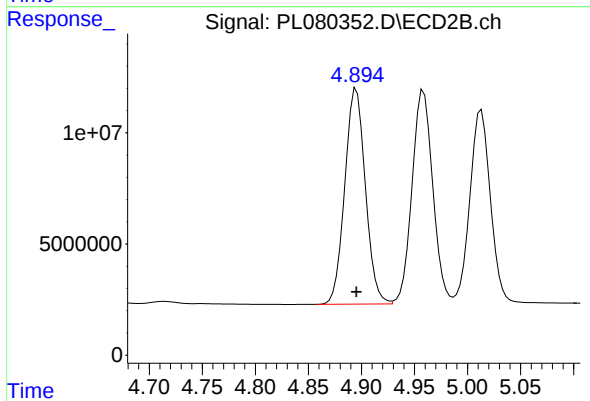
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 117239711
Conc: 44.85 ng/ml



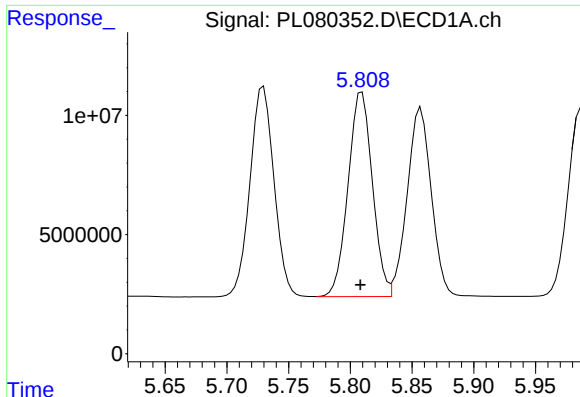
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: 0.001 min
Response: 119787668
Conc: 54.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 130805211
Conc: 45.78 ng/ml



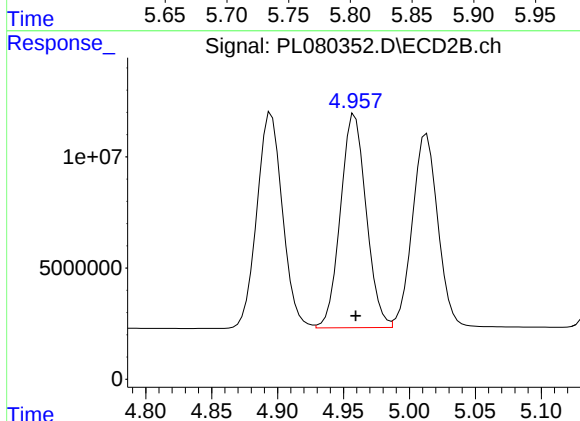
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 117844313
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

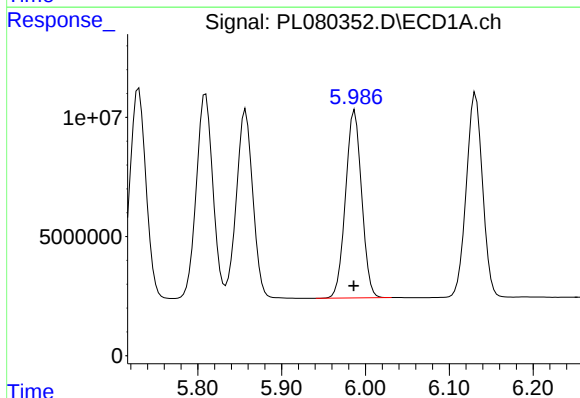
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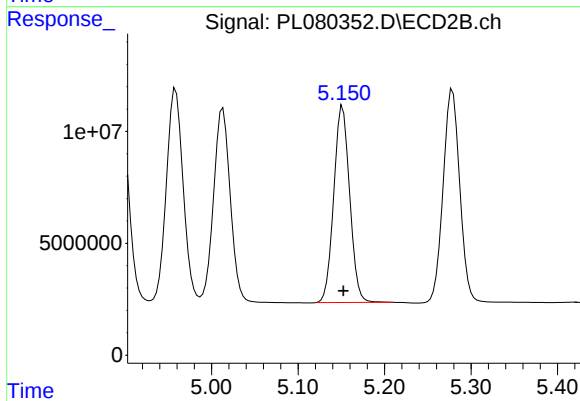
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 130291133
Conc: 45.55 ng/ml



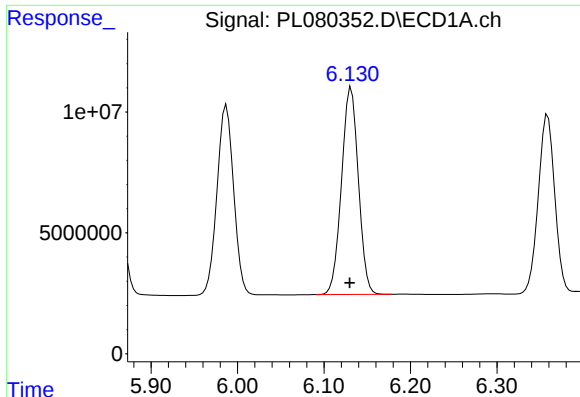
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: 0.001 min
Response: 105428702
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 111941863
Conc: 47.67 ng/ml



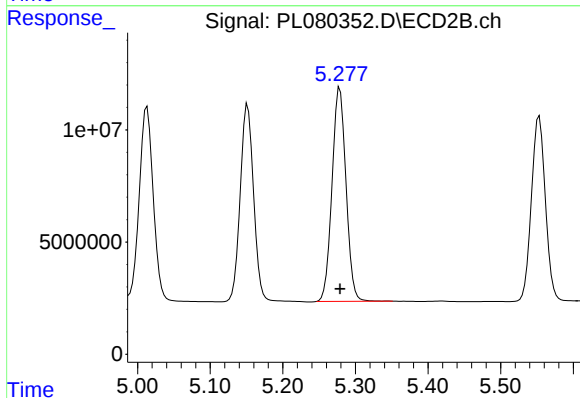
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: 0.002 min
Response: 115385909
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

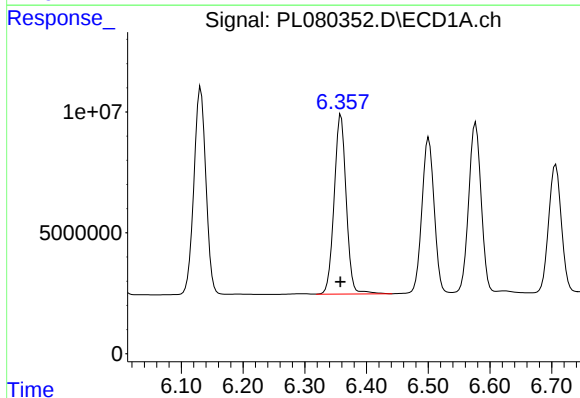
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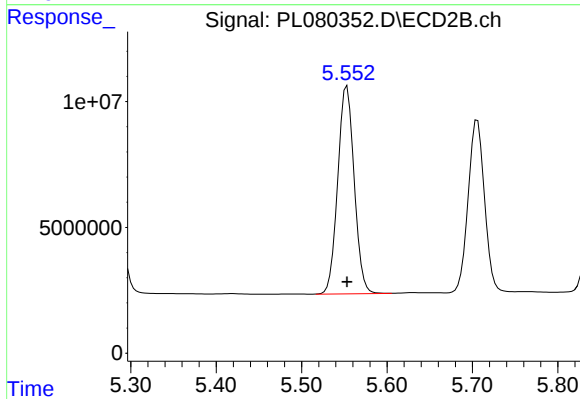
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 127567325
Conc: 46.81 ng/ml



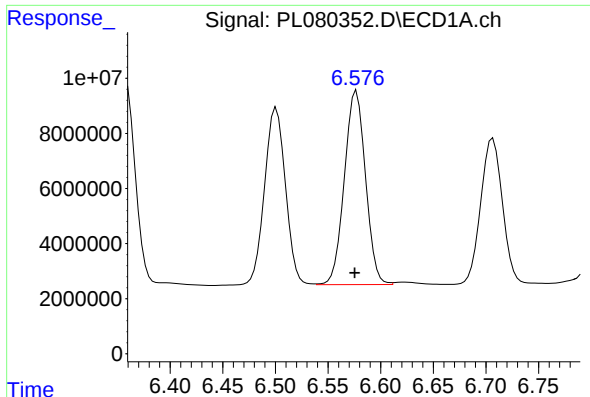
#14 Endrin

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 100916274
Conc: 55.02 ng/ml



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 110574439
Conc: 46.47 ng/ml



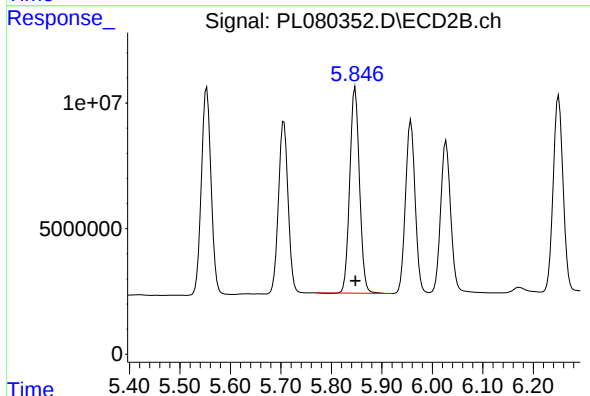
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 98706353
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

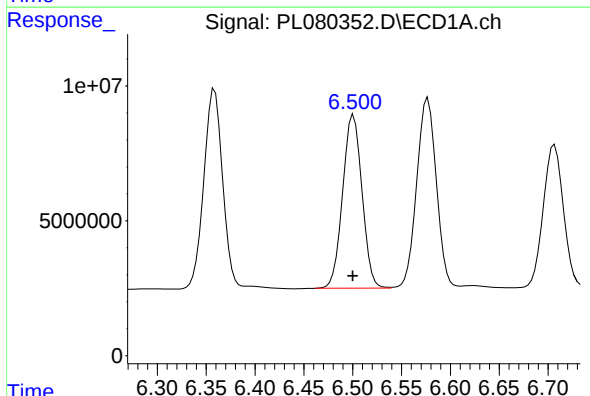
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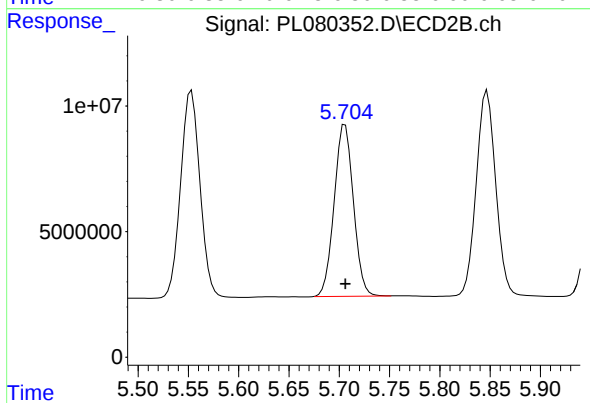
#15 Endosulfan II

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 110056235
Conc: 45.37 ng/ml



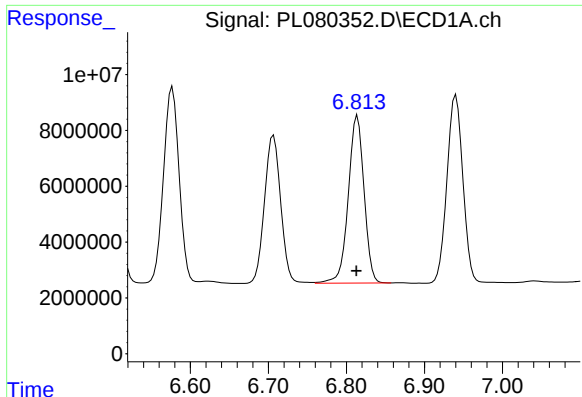
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 88688711
Conc: 56.04 ng/ml



#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 90775474
Conc: 48.98 ng/ml



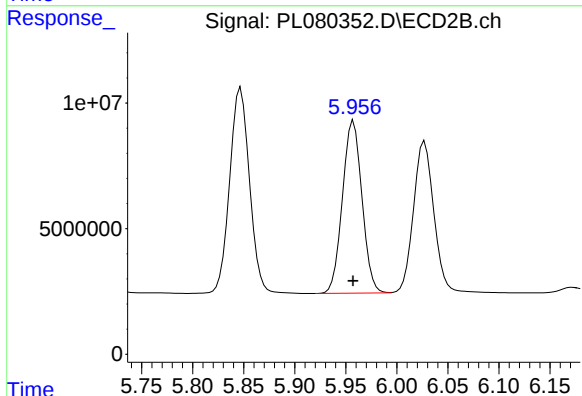
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: 0.001 min
Response: 84078730
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

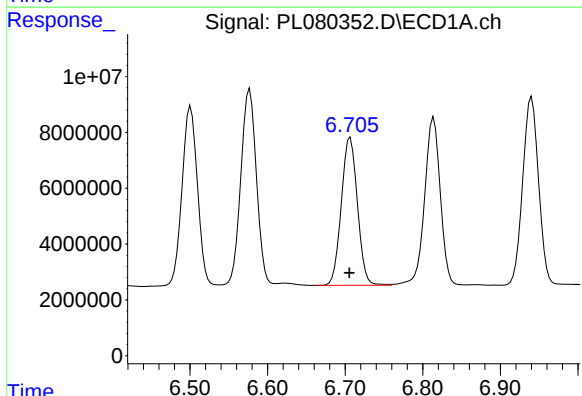
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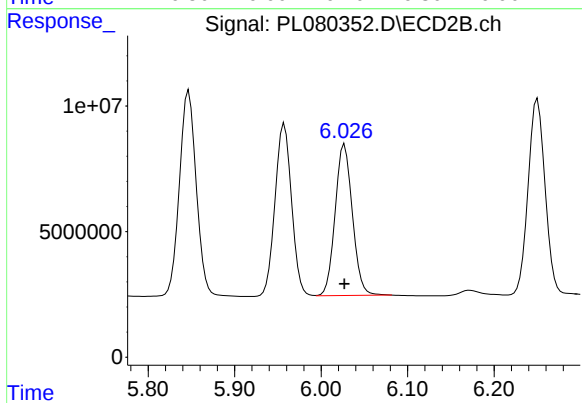
#17 4,4'-DDT

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 91317951
Conc: 43.33 ng/ml



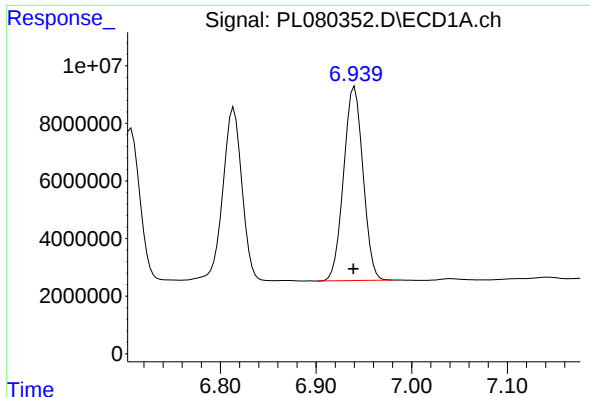
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 76486250
Conc: 53.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 82953466
Conc: 45.56 ng/ml



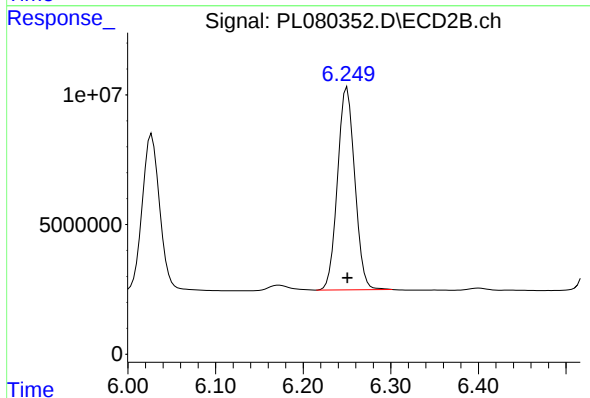
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: 0.001 min
Response: 95111935
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

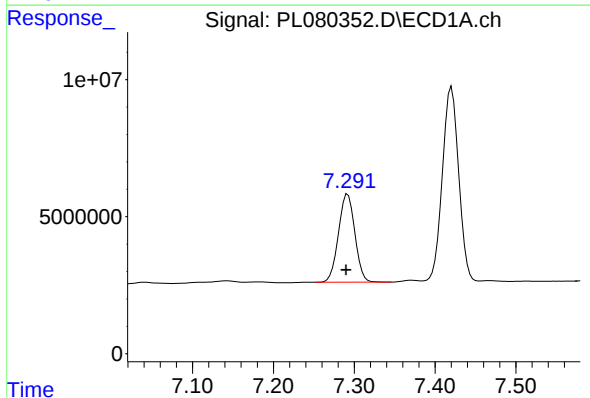
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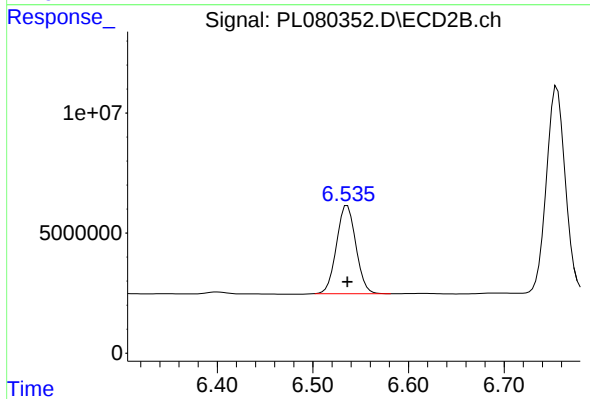
#19 Endosulfan Sulfate

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 106958741
Conc: 46.07 ng/ml



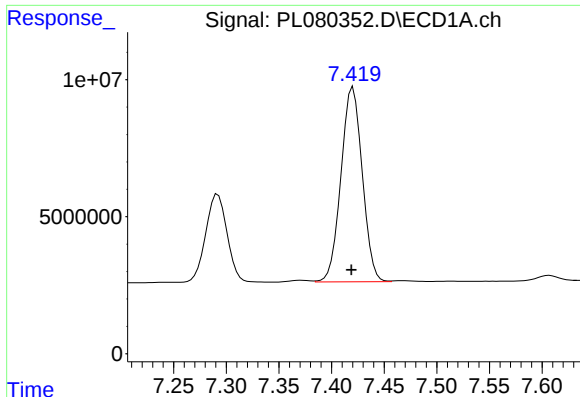
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.002 min
Response: 45291584
Conc: 50.83 ng/ml



#20 Methoxychlor

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 51784025
Conc: 43.08 ng/ml



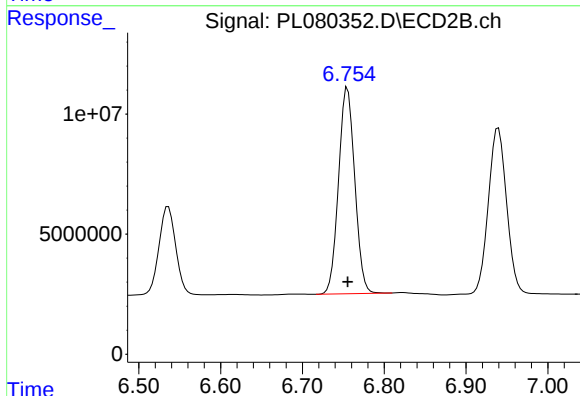
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 100253695
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

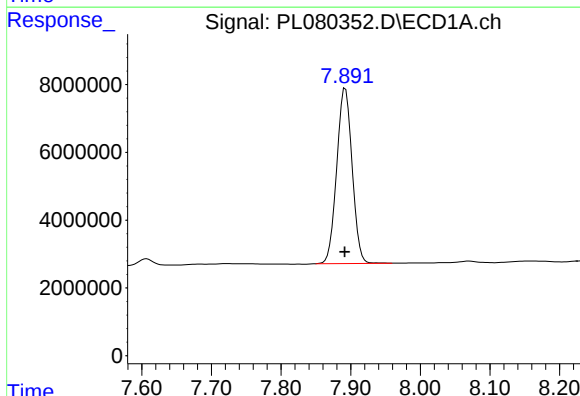
Manual Integrations
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Reviewed By :Abdul Mirza 01/17/2023
Supervised By :Ankita Jodhani 01/17/2023



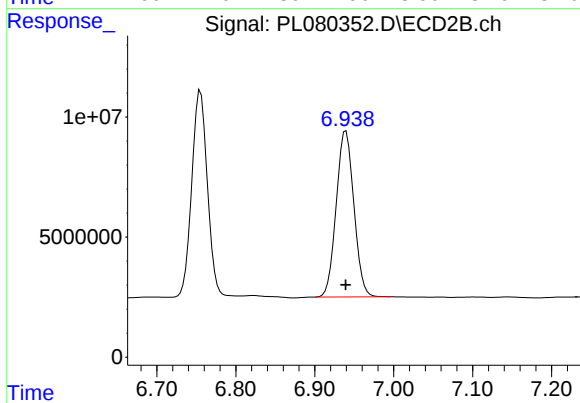
#21 Endrin ketone

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 117953017
Conc: 46.85 ng/ml



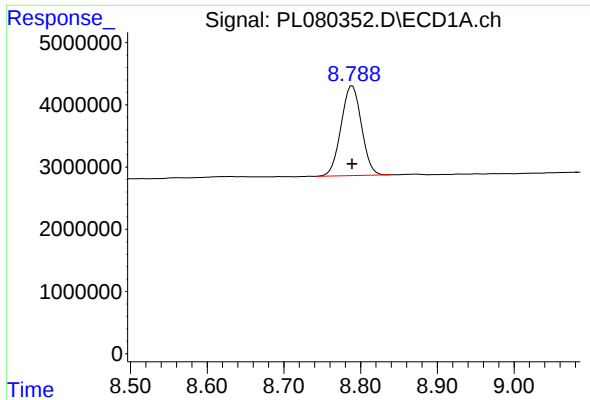
#22 Mirex

R.T.: 7.892 min
Delta R.T.: 0.001 min
Response: 79592084
Conc: 56.27 ng/ml



#22 Mirex

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 107400133
Conc: 47.71 ng/ml



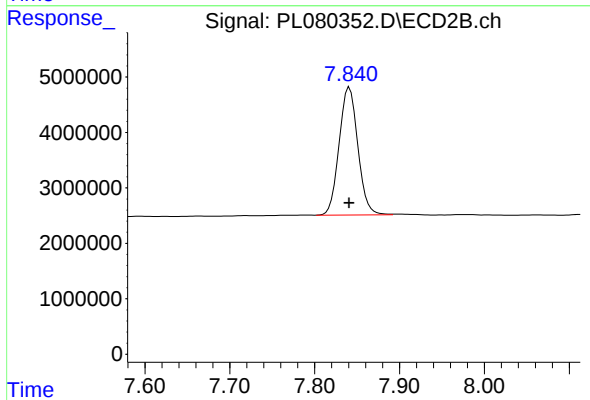
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 26766933
Conc: 18.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-6MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2023
Supervised By :Ankita Jodhani 01/17/2023



#28 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 35281629
Conc: 15.70 ng/ml