

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
 Data File : PL084304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 16:02
 Operator : AR\AJ
 Sample : PB154474BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154474BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2023
 Supervised By : Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:30:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.687	35253385	17411909	17.628	15.678
28)	SA Decachlor...	9.025	7.869	27969867	21681939	21.488	19.513
Target Compounds							
2)	A alpha-BHC	3.934	3.192	141.2E6	72659794	48.179	45.190
3)	MA gamma-BHC...	4.268	3.523	129.0E6	68122443	45.673	44.797
4)	MA Heptachlor	4.861	3.864	149.4E6	66094820	54.970	56.085
5)	MB Aldrin	5.203	4.145	135.6E6	64737702	47.334	42.934
6)	B beta-BHC	4.468	3.825	59298181	30268158	49.421	45.857
7)	B delta-BHC	4.714	4.054	134.8E6	67957147	50.569	44.926
8)	B Heptachlo...	5.633	4.651	128.7E6	59774033	48.200	46.546
9)	A Endosulfan I	6.019	5.021	110.7E6	56506289	46.752	46.070
10)	B gamma-Chl...	5.890	4.904	121.2E6	61959651	46.929	46.511
11)	B alpha-Chl...	5.970	4.969	118.0E6	61479895	46.429	45.638
12)	B 4,4'-DDE	6.149	5.167	99150115	56939076	49.280	46.354
13)	MA Dieldrin	6.295	5.289	107.8E6	59971239	45.119	46.049
14)	MA Endrin	6.523	5.563	90010758	53966109	47.264m	49.094
15)	B Endosulfa...	6.744	5.862	83904879	50760227	44.766m	44.164
16)	A 4,4'-DDD	6.667	5.724	77128151	49939878	52.521	52.056
17)	MA 4,4'-DDT	6.983	5.977	76889461	49187355	48.213	54.005
18)	B Endrin al...	6.877	6.043	68139457	42392618	46.509	47.159
19)	B Endosulfa...	7.111	6.268	83553833	53247083	48.334m	48.449
20)	A Methoxychlor	7.465	6.561	37527730	27649031	47.976	57.693
21)	B Endrin ke...	7.595	6.772	83465993	63575432	47.628m	49.204
22)	Mirex	8.072	6.953	67759996	49251718	47.353	48.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 16:02
Operator : AR\AJ
Sample : PB154474BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

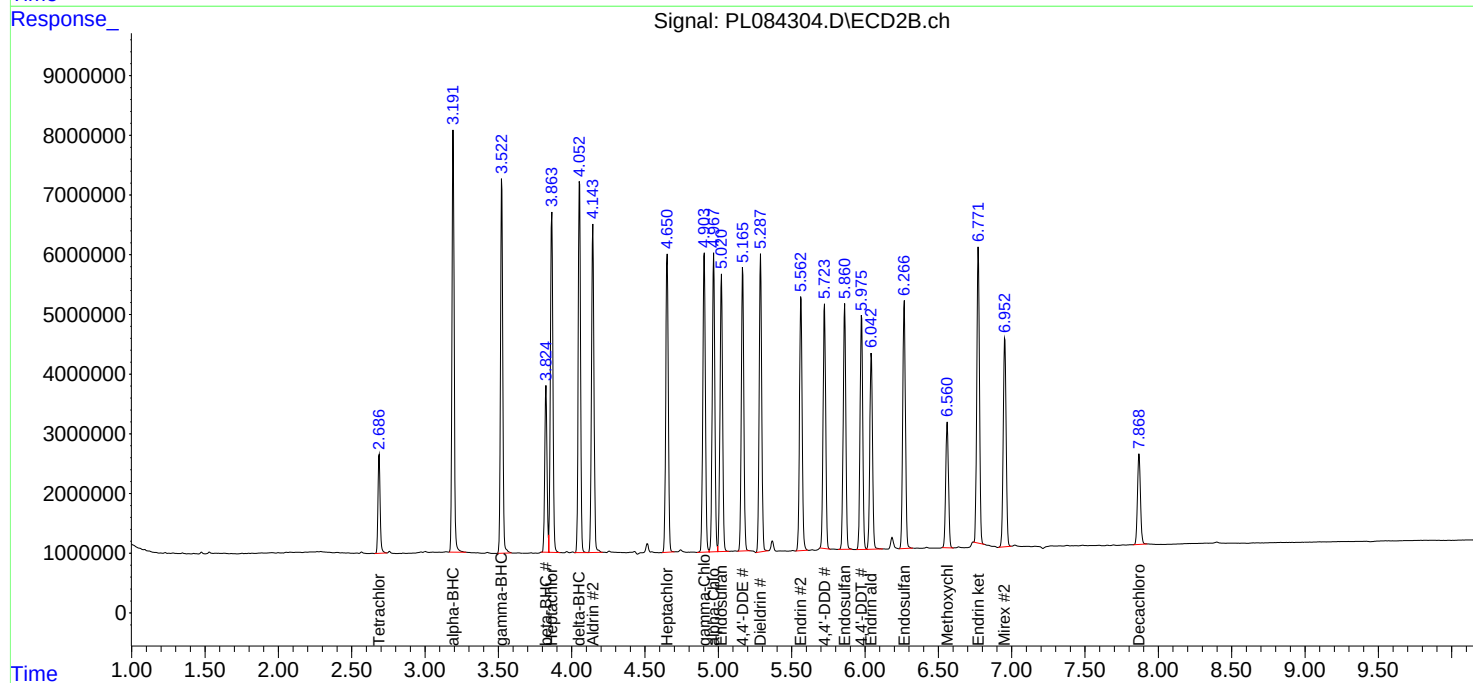
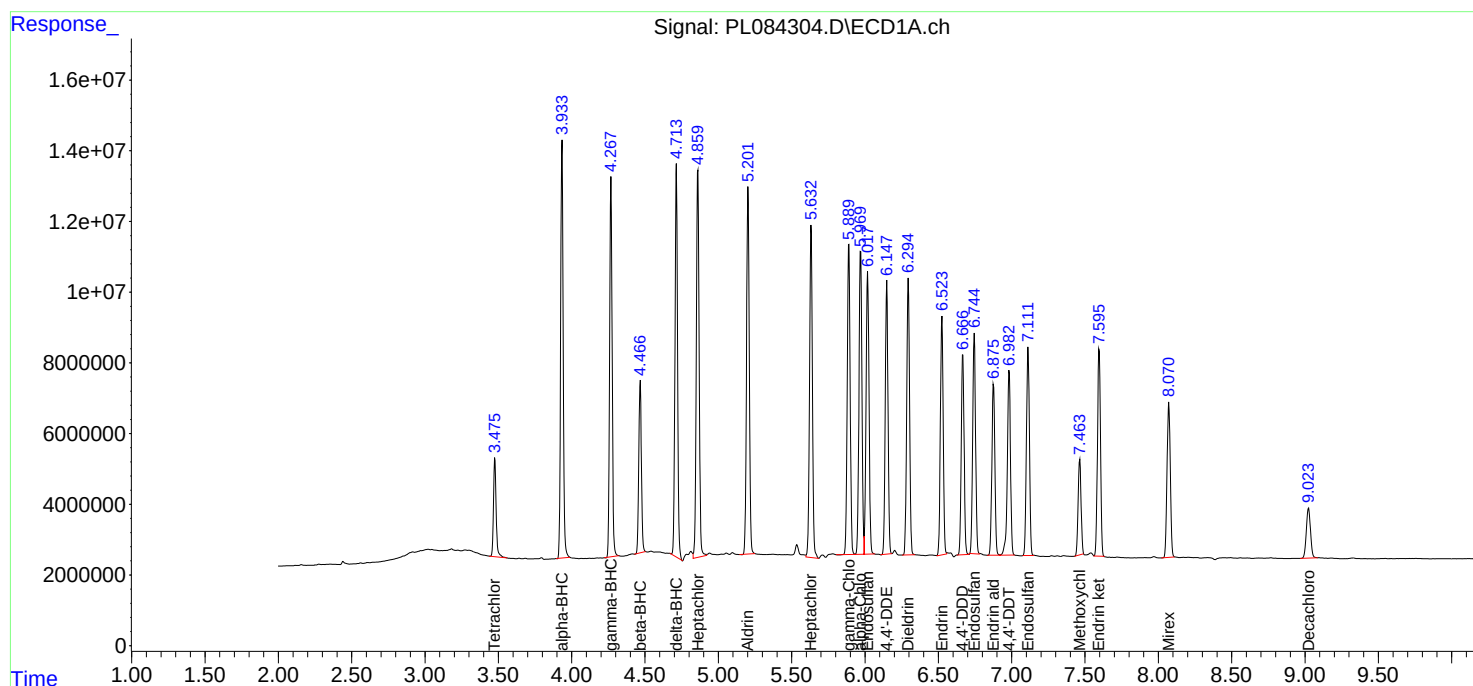
Instrument :
ECD_L
ClientSampleId :
PB154474BS

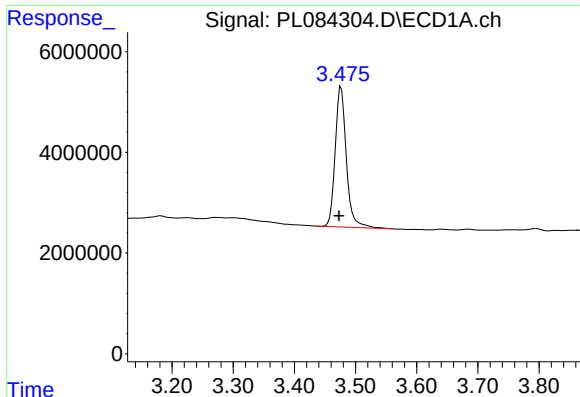
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:30:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





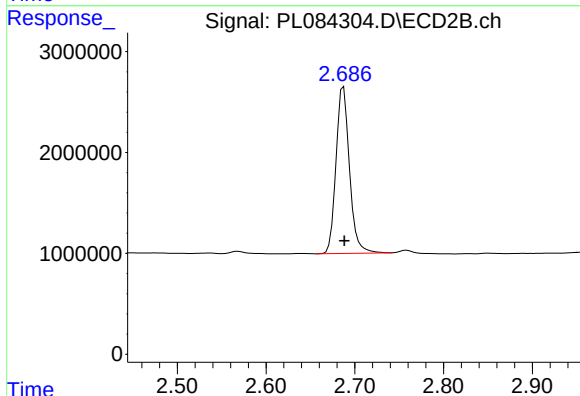
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 35253385
Conc: 17.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

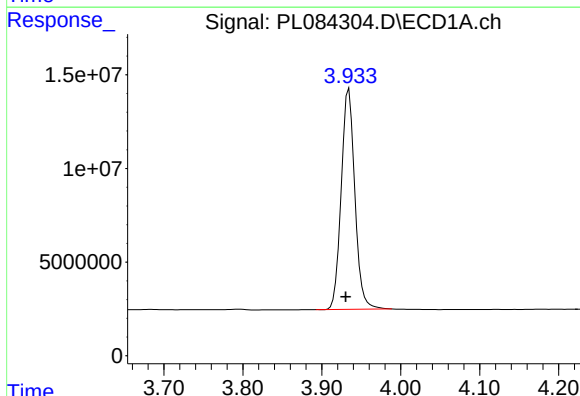
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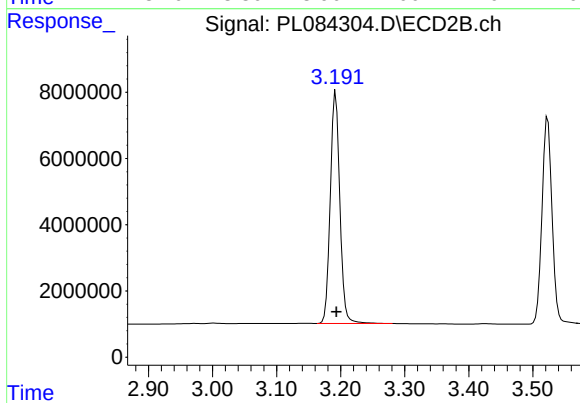
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 17411909
Conc: 15.68 ng/ml



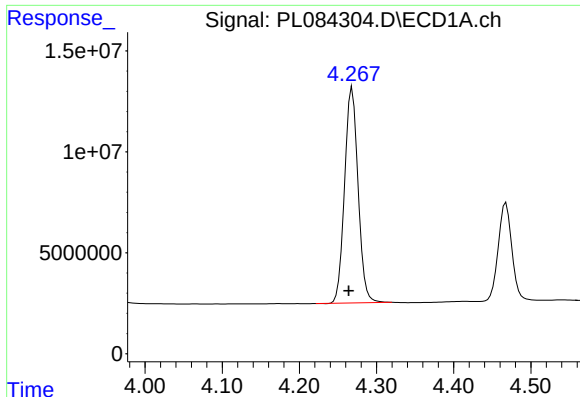
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.004 min
Response: 141155194
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 72659794
Conc: 45.19 ng/ml



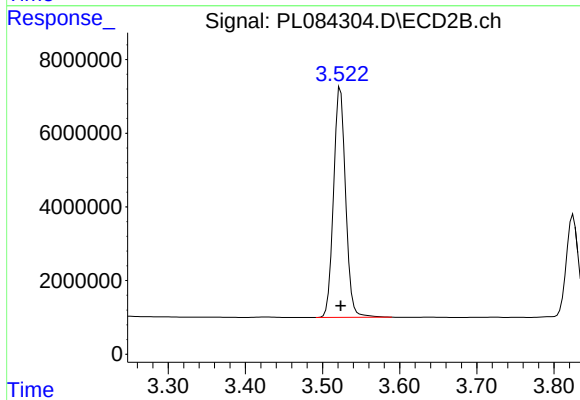
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 129041562
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

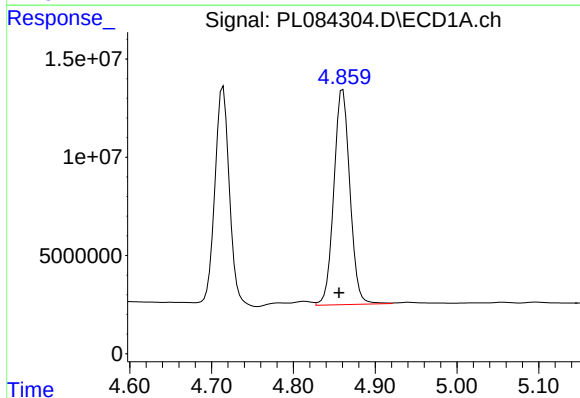
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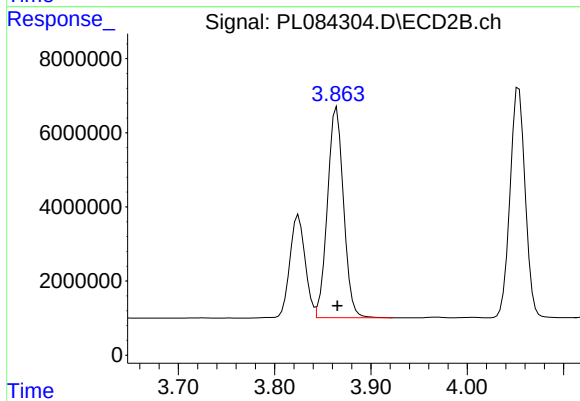
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 68122443
Conc: 44.80 ng/ml



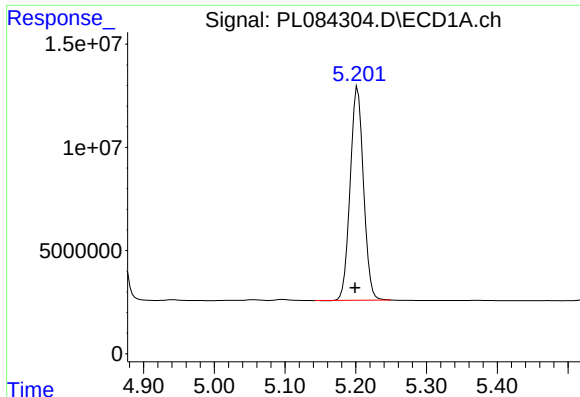
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 149386718
Conc: 54.97 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 66094820
Conc: 56.08 ng/ml



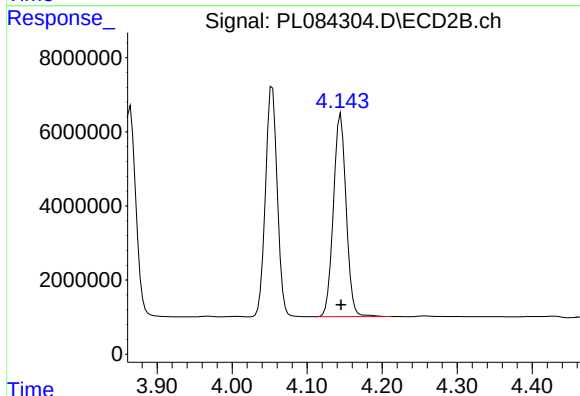
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.004 min
Response: 135574220
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

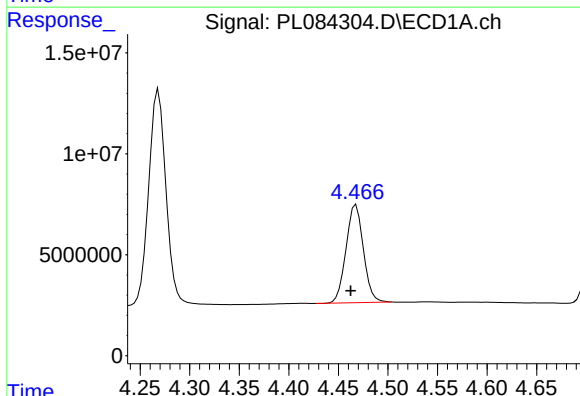
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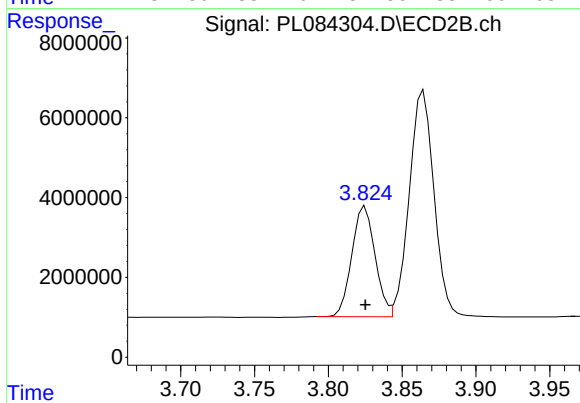
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 64737702
Conc: 42.93 ng/ml



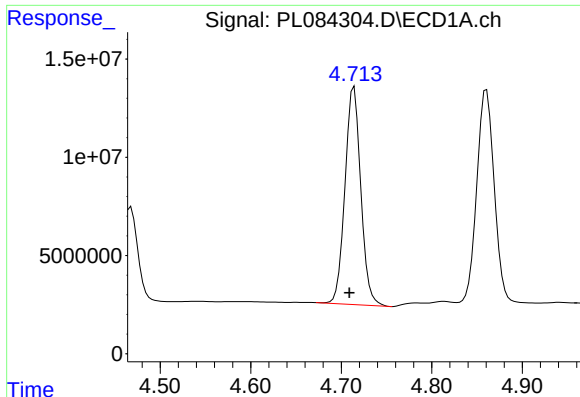
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.005 min
Response: 59298181
Conc: 49.42 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 30268158
Conc: 45.86 ng/ml



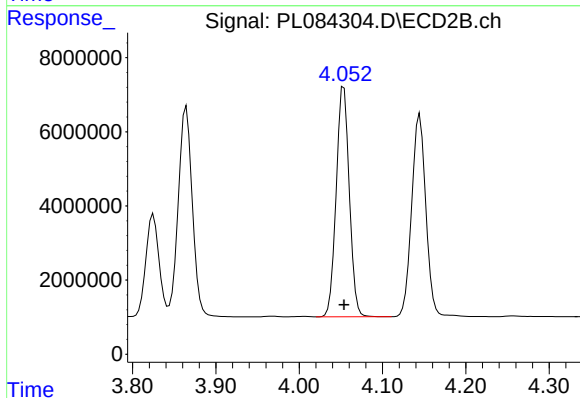
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.005 min
Response: 134807112
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

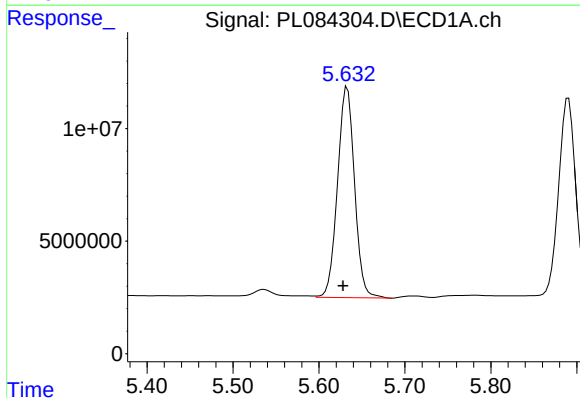
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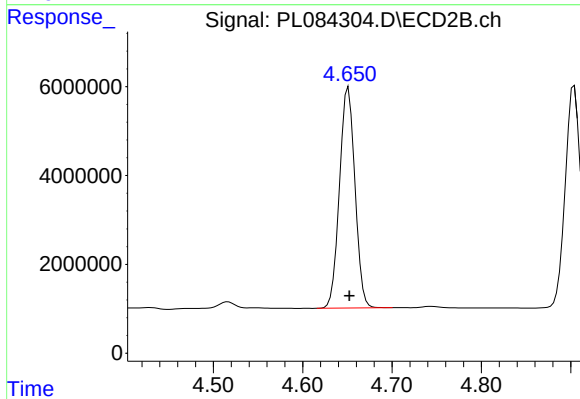
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 67957147
Conc: 44.93 ng/ml



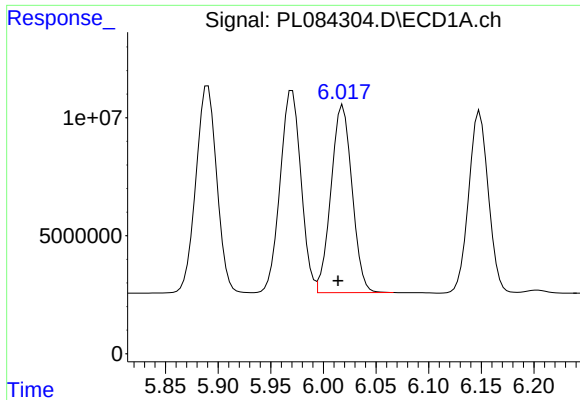
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.005 min
Response: 128673994
Conc: 48.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 59774033
Conc: 46.55 ng/ml



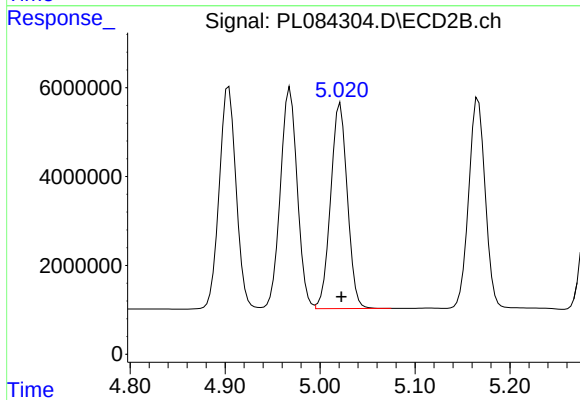
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 110717872
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

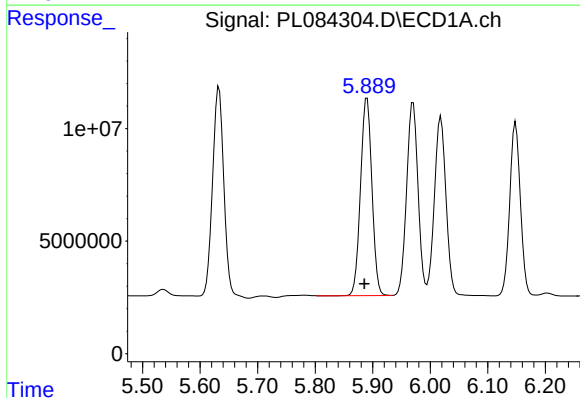
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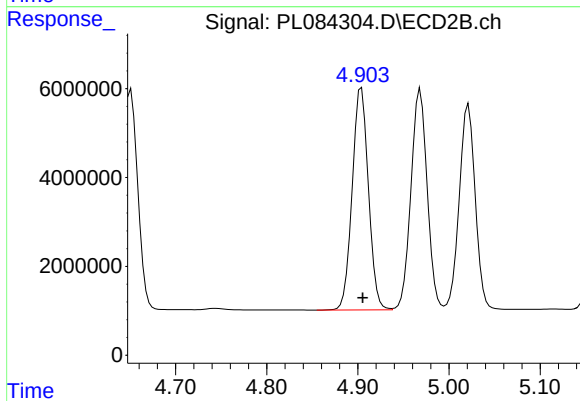
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 56506289
Conc: 46.07 ng/ml



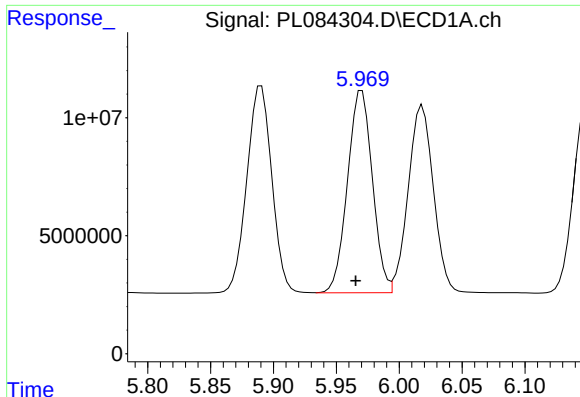
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.005 min
Response: 121167432
Conc: 46.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 61959651
Conc: 46.51 ng/ml



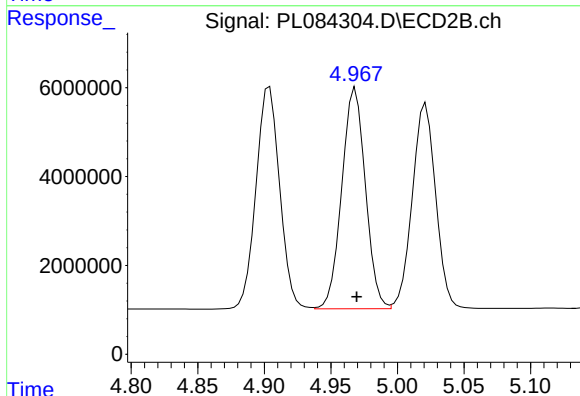
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.005 min
Response: 118025116
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

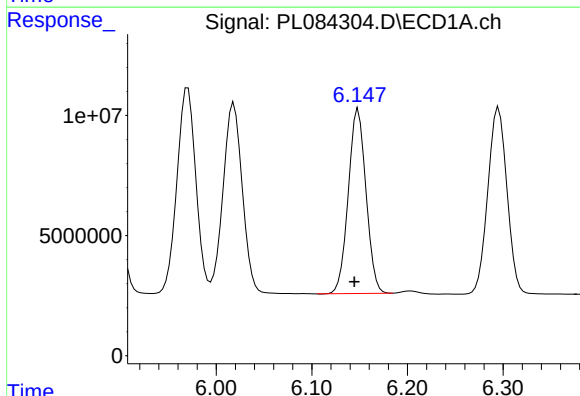
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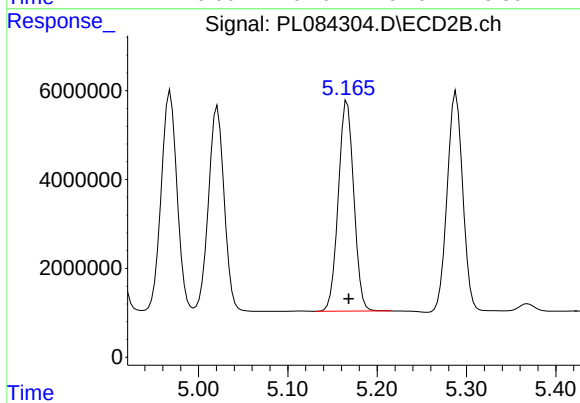
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 61479895
Conc: 45.64 ng/ml



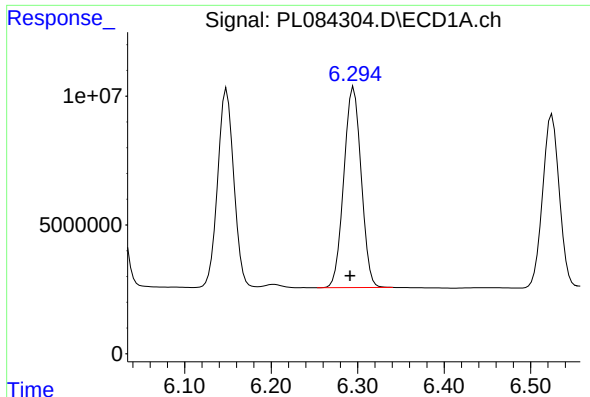
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 99150115
Conc: 49.28 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 56939076
Conc: 46.35 ng/ml



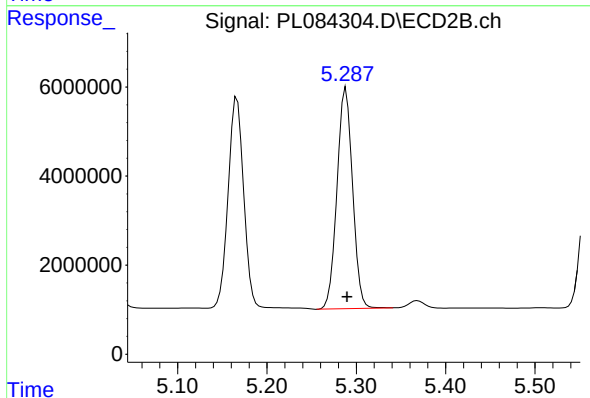
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 107814540
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

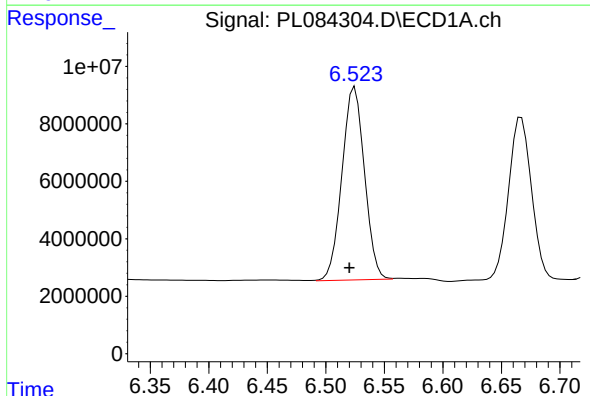
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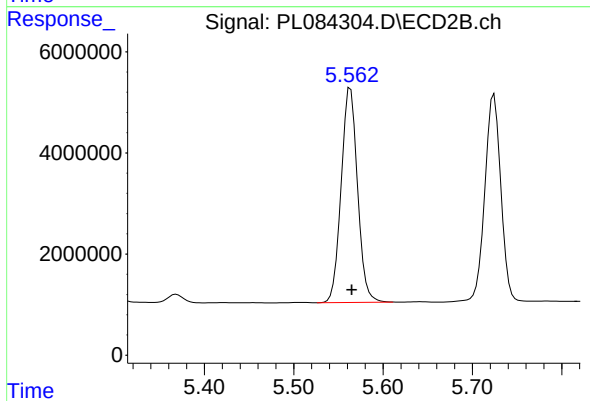
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 59971239
Conc: 46.05 ng/ml



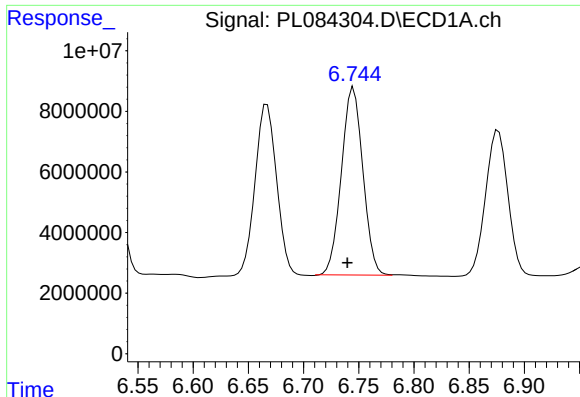
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 90010758
Conc: 47.26 ng/ml m



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.001 min
Response: 53966109
Conc: 49.09 ng/ml



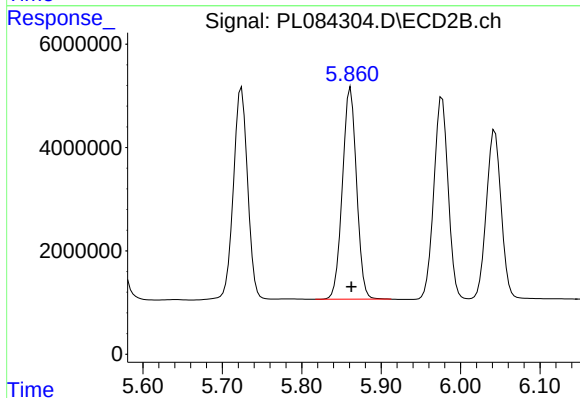
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.004 min
Response: 83904879
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

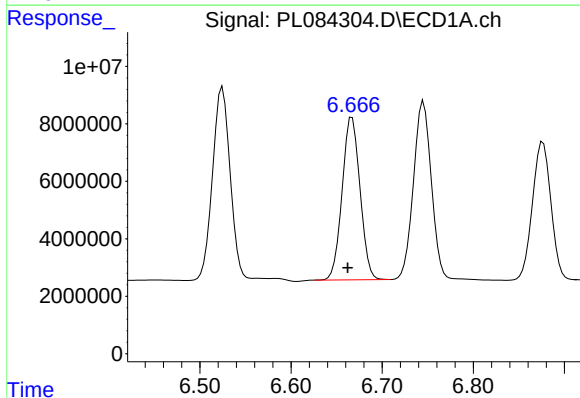
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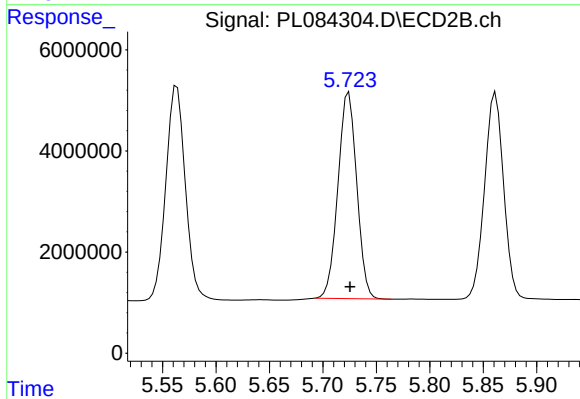
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 50760227
Conc: 44.16 ng/ml



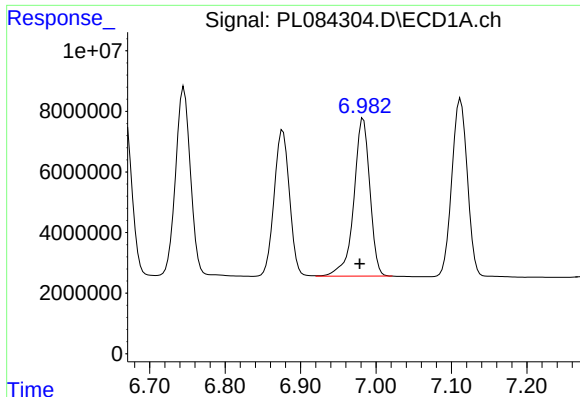
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 77128151
Conc: 52.52 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 49939878
Conc: 52.06 ng/ml



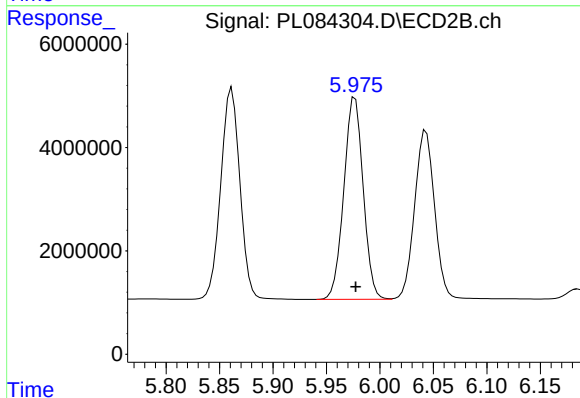
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 76889461
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

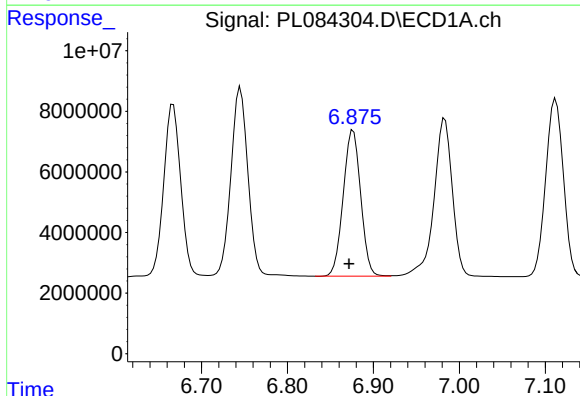
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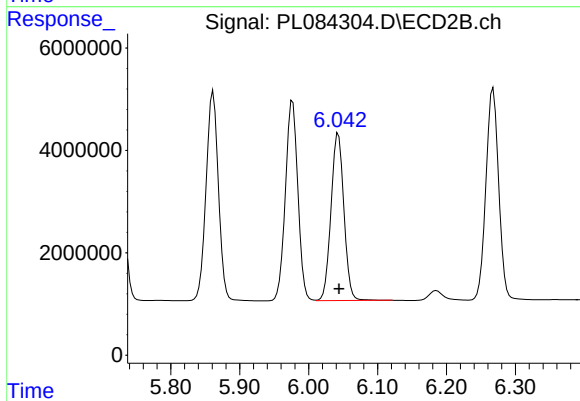
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 49187355
Conc: 54.00 ng/ml



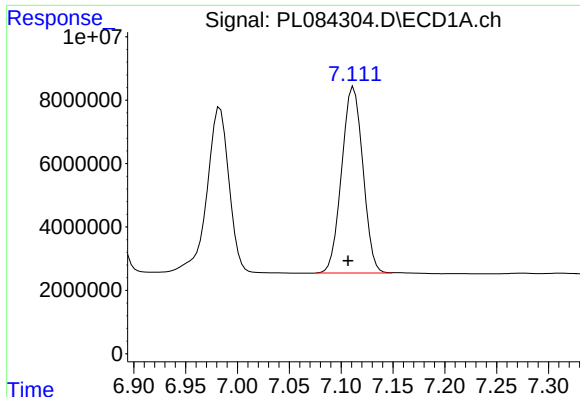
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 68139457
Conc: 46.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 42392618
Conc: 47.16 ng/ml



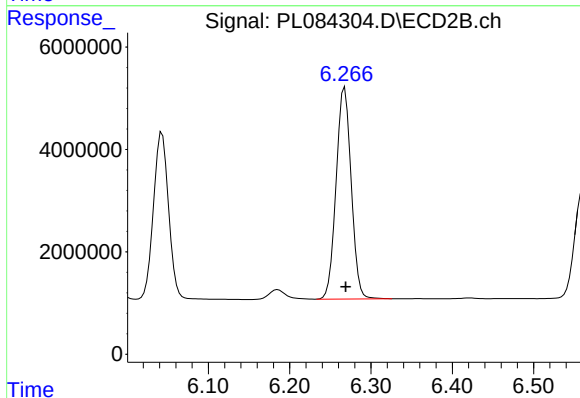
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.004 min
Response: 83553833
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

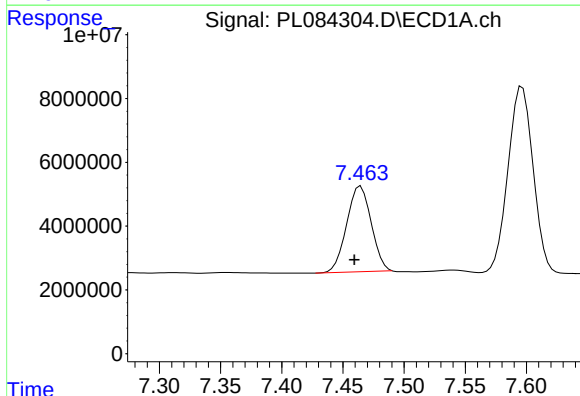
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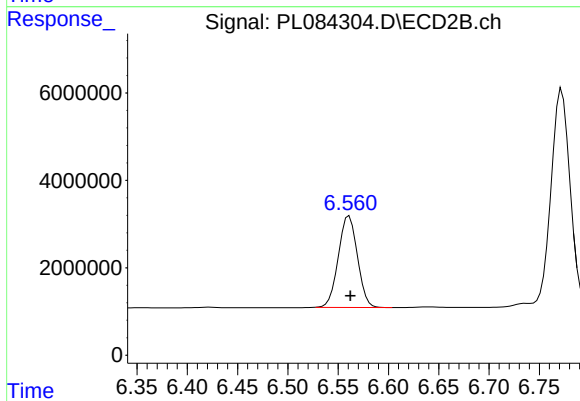
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 53247083
Conc: 48.45 ng/ml



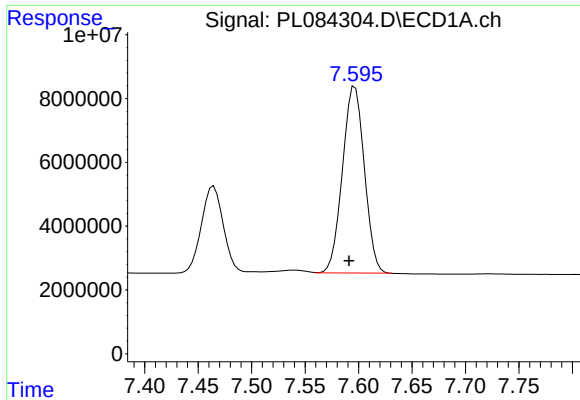
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.005 min
Response: 37527730
Conc: 47.98 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 27649031
Conc: 57.69 ng/ml



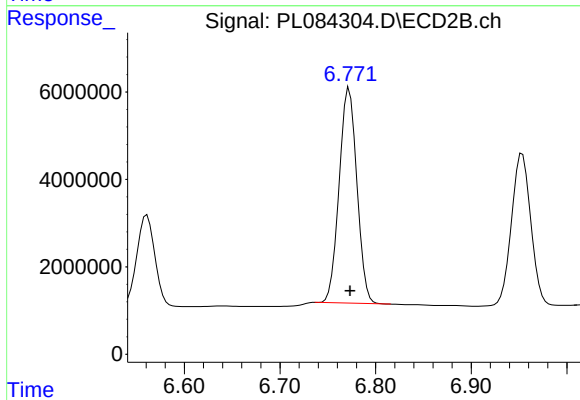
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 83465993
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

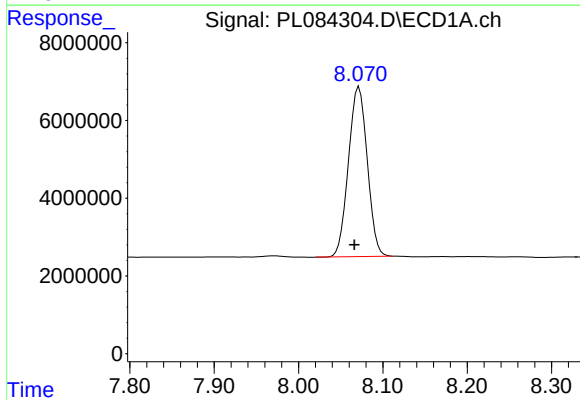
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Supervised By :Ankita Jodhani 07/28/2023



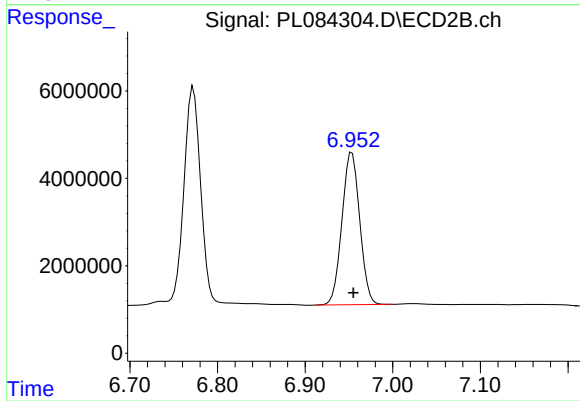
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 63575432
Conc: 49.20 ng/ml



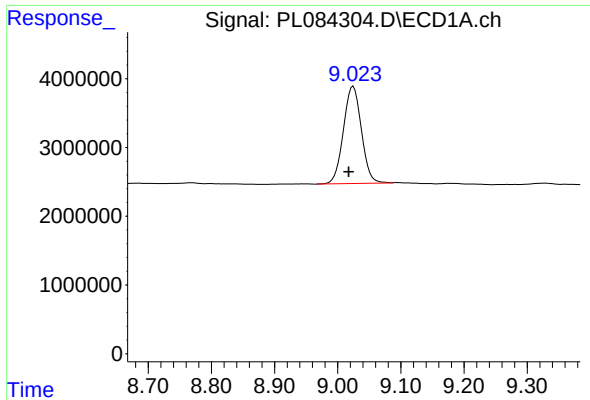
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.005 min
Response: 67759996
Conc: 47.35 ng/ml



#22 Mirex

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 49251718
Conc: 48.25 ng/ml



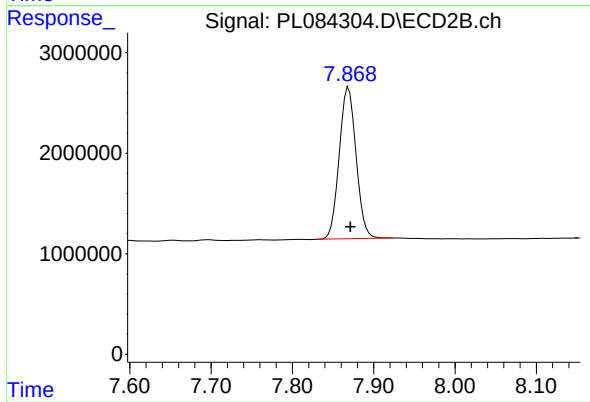
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.007 min
Response: 27969867
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154474BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 21681939
Conc: 19.51 ng/ml