

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
 Data File : PL086896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 15:40
 Operator : AR\AJ
 Sample : 05551-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MW-110MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:18:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.343	2.611	52383612	15268668	16.385	16.788
28)	SA Decachlor...	8.843	7.759	42102070	16827195	15.771	15.262
Target Compounds							
2)	A alpha-BHC	3.797	3.108	221.5E6	63816009	47.840	50.251
3)	MA gamma-BHC...	4.127	3.435	211.9E6	60066432	48.437m	49.161
4)	MA Heptachlor	4.715	3.771	198.5E6	59750054	50.027	51.172
5)	MB Aldrin	5.055	4.047	184.8E6	54843135	43.795	44.933
6)	B beta-BHC	4.333	3.738	87743025	26401486	46.905	49.900
7)	B delta-BHC	4.575	3.962	197.1E6	57302215	46.430	49.069
8)	B Heptachlo...	5.485	4.552	176.2E6	56075925	49.746	49.259
9)	A Endosulfan I	5.869	4.919	172.1E6	56917824	47.763	44.260
10)	B gamma-Chl...	5.743	4.803	189.4E6	57251734	50.371	49.945
11)	B alpha-Chl...	5.822	4.867	183.7E6	59753875	48.795	44.935
12)	B 4,4'-DDE	6.006	5.067	153.6E6	48062870	50.819	52.352
13)	MA Dieldrin	6.147	5.185	174.6E6	54986581	50.283	51.344
14)	MA Endrin	6.375	5.459	151.7E6	50864625	58.842	60.351
15)	B Endosulfa...	6.598	5.757	140.4E6	46751458	49.212	50.349
16)	A 4,4'-DDD	6.526	5.623	121.9E6	40099935	52.050	51.921
17)	MA 4,4'-DDT	6.840	5.873	135.5E6	46143991	52.808m	57.217
18)	B Endrin al...	6.728	5.938	96298926	32914051	45.143m	47.113
19)	B Endosulfa...	6.966	6.163	147.9E6	50280029	51.805	52.992
20)	A Methoxychlor	7.328	6.458	70917672	27970782	53.706	54.342
21)	B Endrin ke...	7.448	6.664	151.8E6	57136340	50.791	50.054
22)	Mirex	7.921	6.841	115.2E6	45855907	45.039	44.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
 Data File : PL086896.D
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 Acq On : 29 Nov 2023 15:40
 Operator : AR\AJ
 Sample : 05551-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

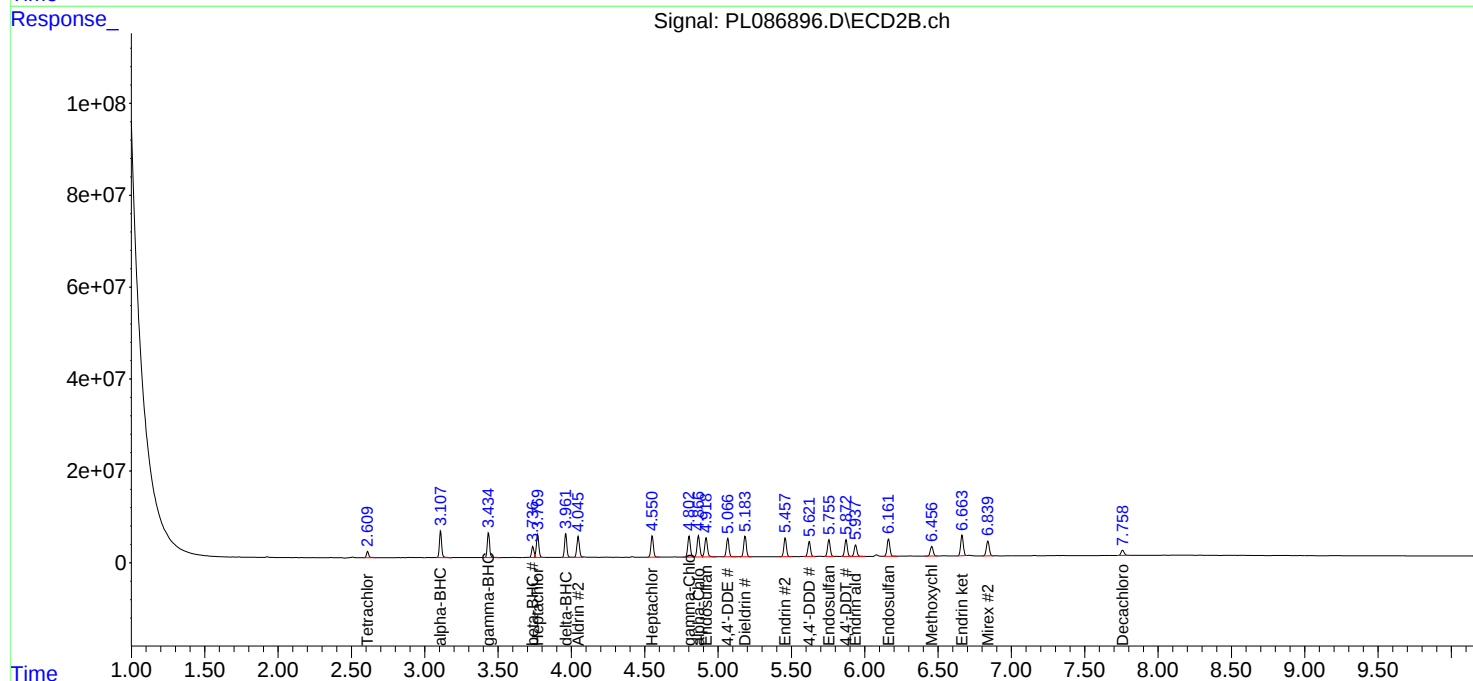
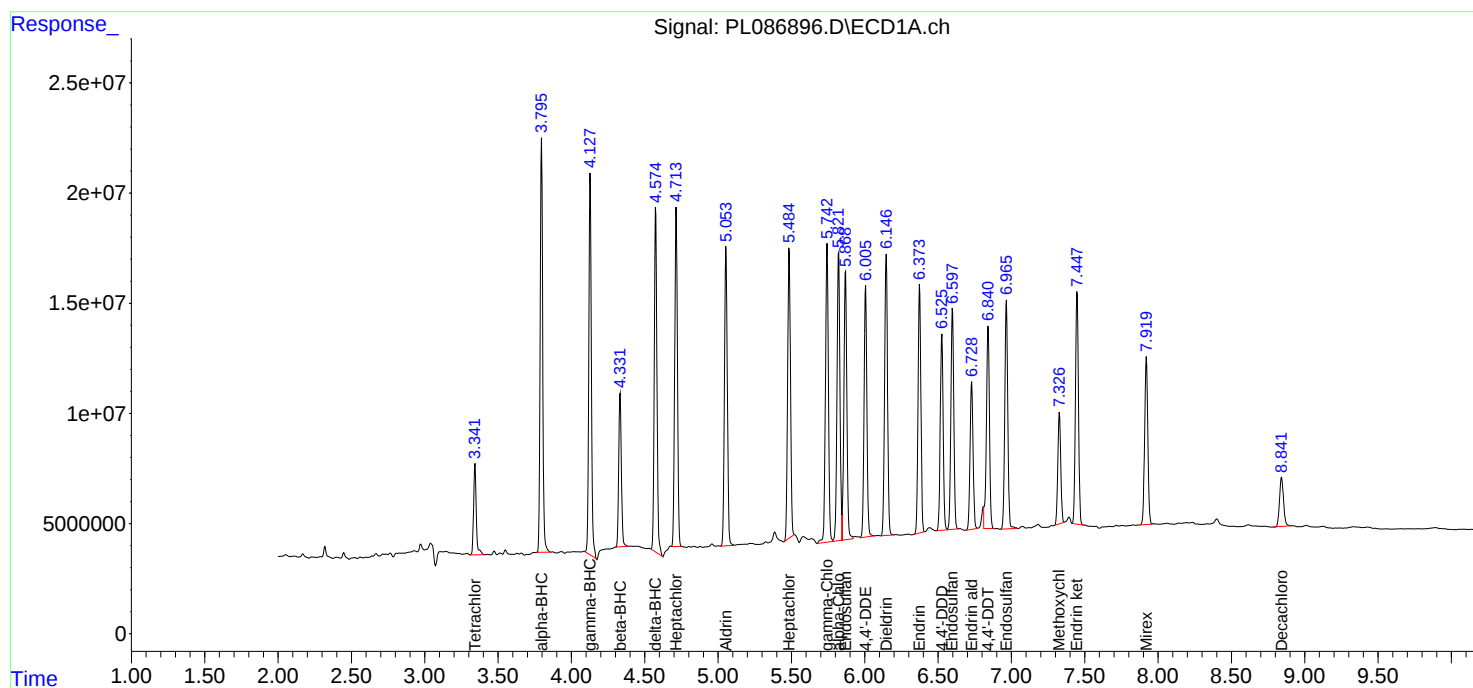
Instrument :
 ECD_L
 ClientSampleId :
 MW-110MSD

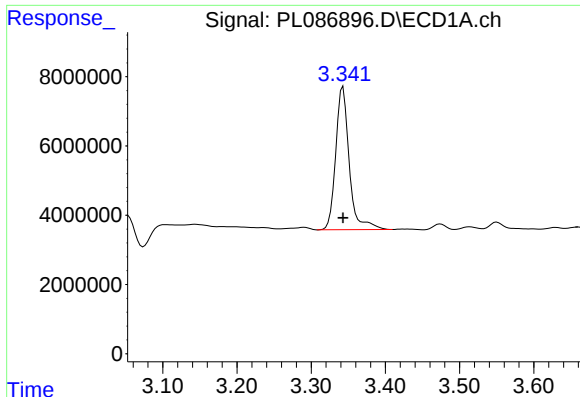
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:18:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





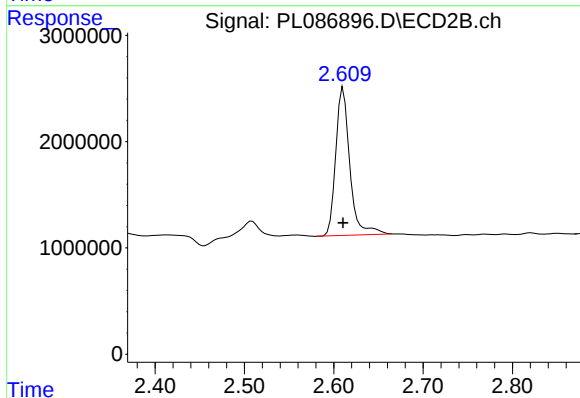
#1 Tetrachloro-m-xylene

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 52383612
Conc: 16.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

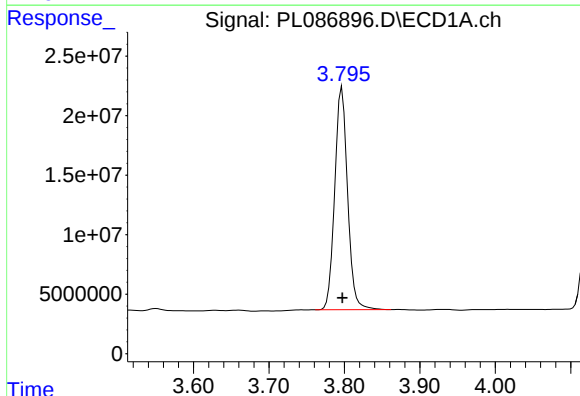
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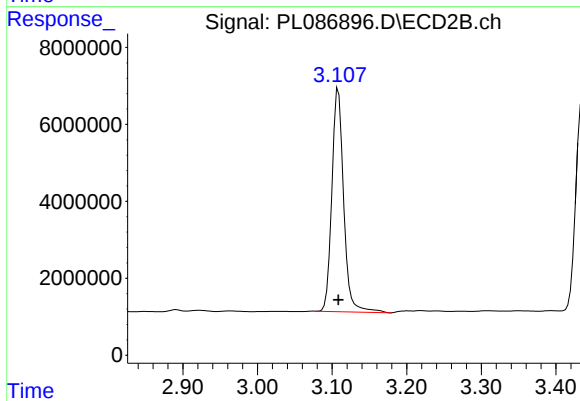
#1 Tetrachloro-m-xylene

R.T.: 2.611 min
Delta R.T.: 0.000 min
Response: 15268668
Conc: 16.79 ng/ml



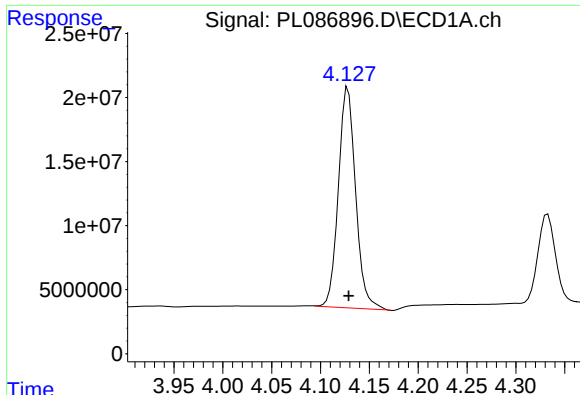
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 221503449
Conc: 47.84 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 63816009
Conc: 50.25 ng/ml



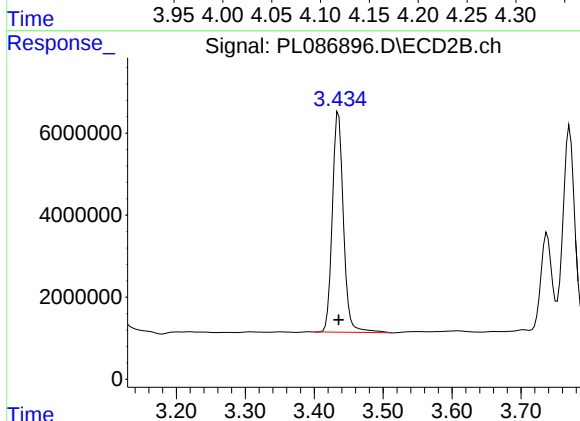
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 211905802
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

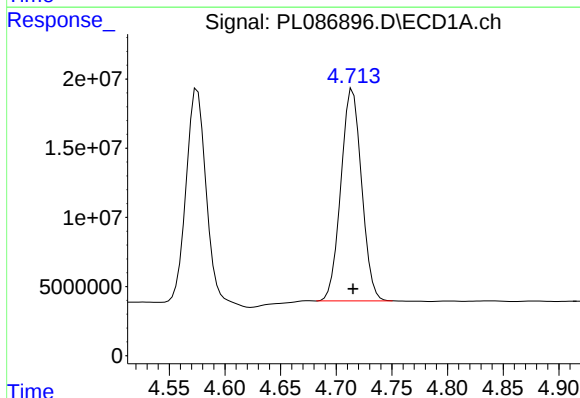
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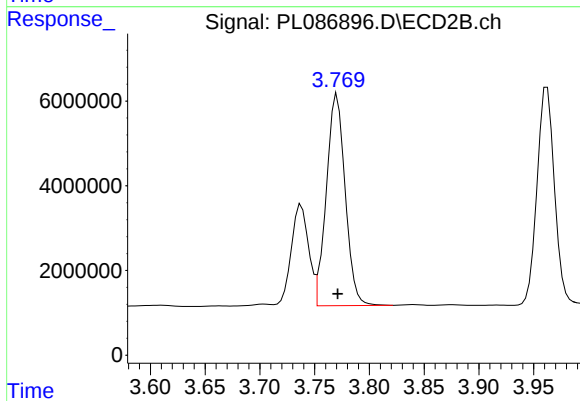
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 60066432
Conc: 49.16 ng/ml



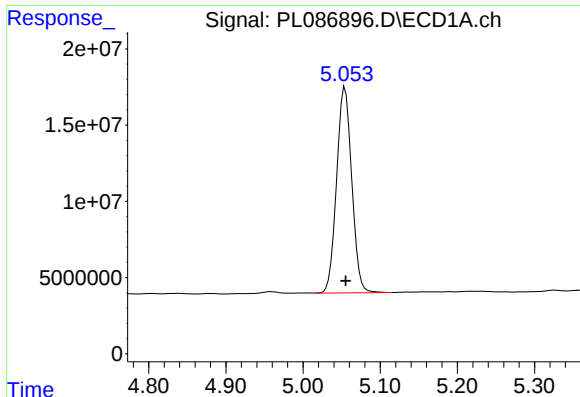
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 198544693
Conc: 50.03 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 59750054
Conc: 51.17 ng/ml



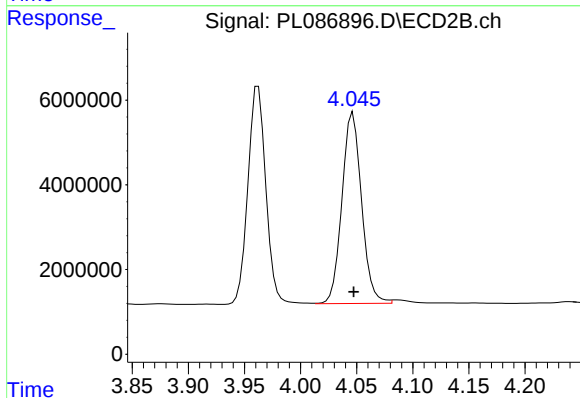
#5 Aldrin

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 184822712
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

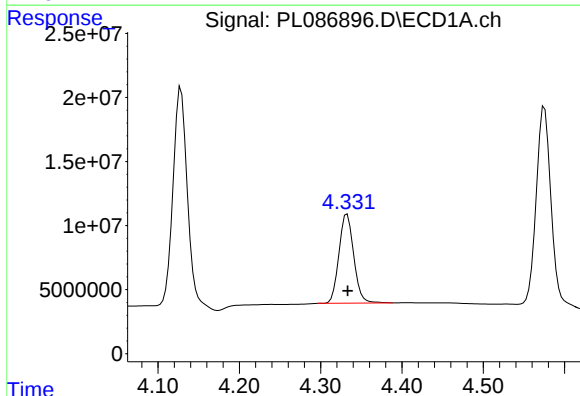
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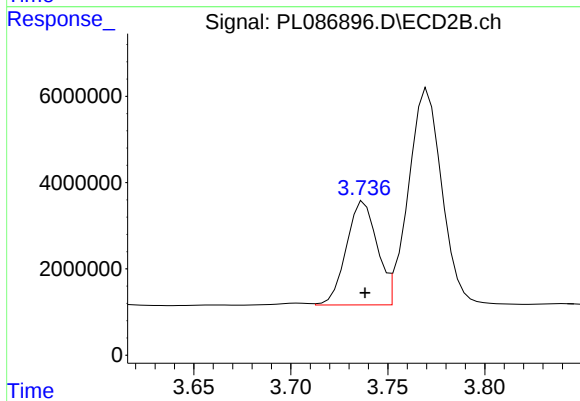
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 54843135
Conc: 44.93 ng/ml



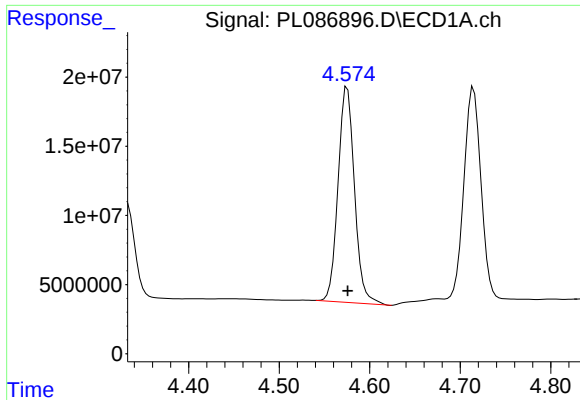
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 87743025
Conc: 46.90 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 26401486
Conc: 49.90 ng/ml



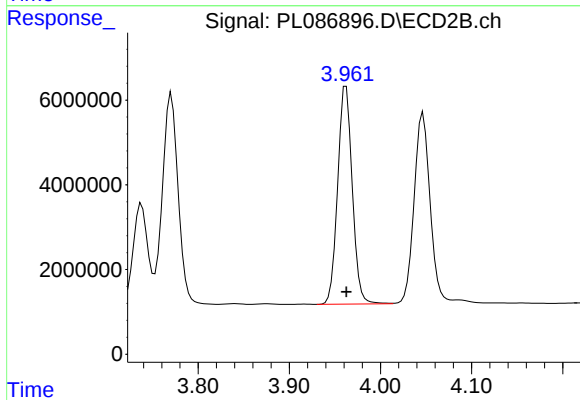
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 197104559
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

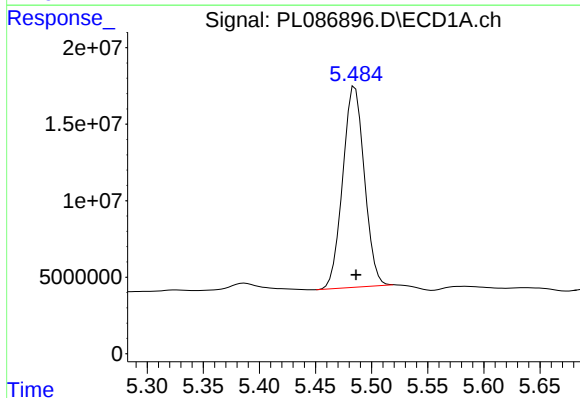
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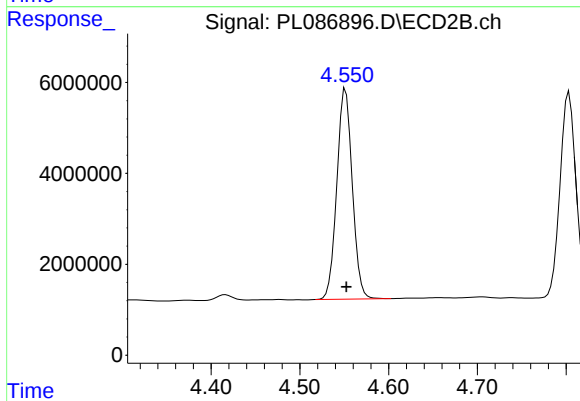
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 57302215
Conc: 49.07 ng/ml



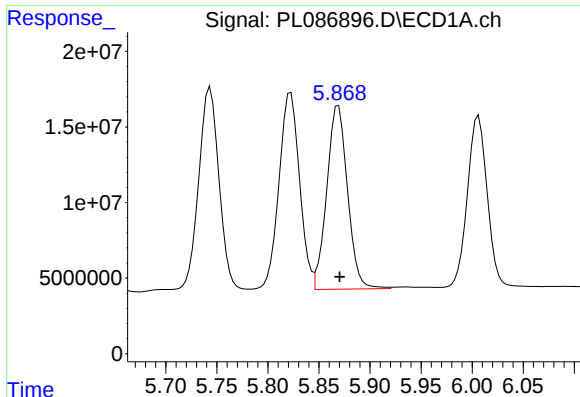
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 176215265
Conc: 49.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 56075925
Conc: 49.26 ng/ml



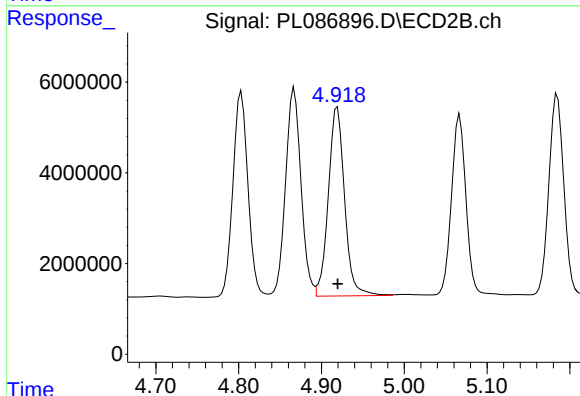
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 172084723
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

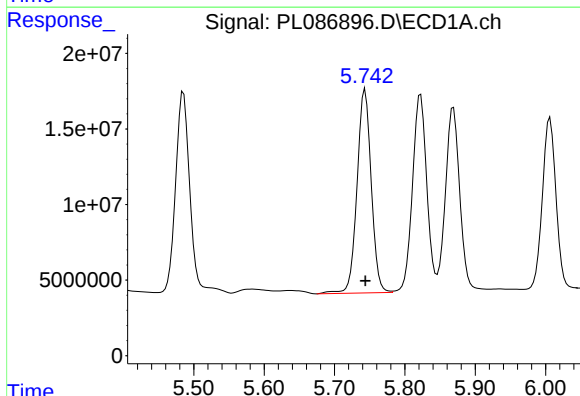
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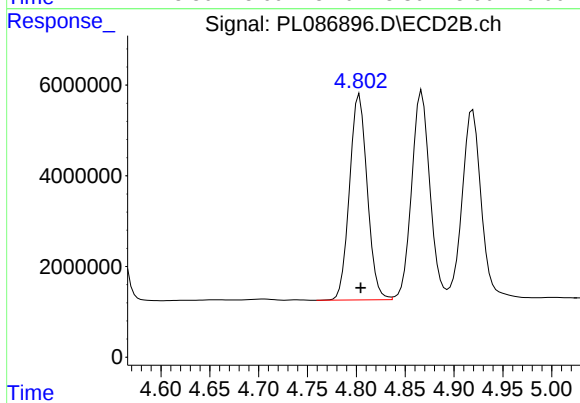
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 56917824
Conc: 44.26 ng/ml



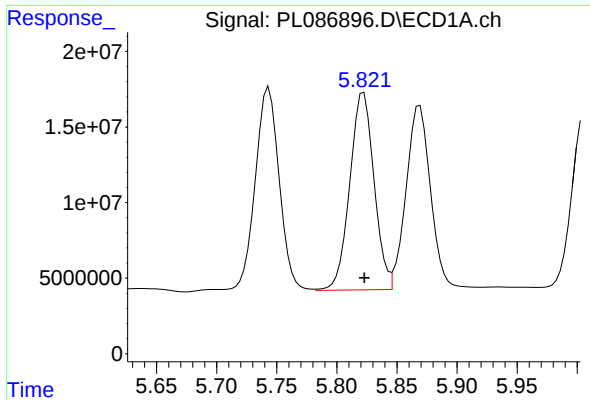
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 189390215
Conc: 50.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 57251734
Conc: 49.95 ng/ml



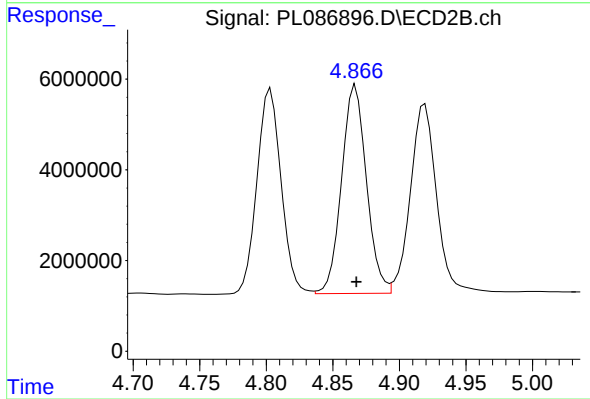
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 183693215
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

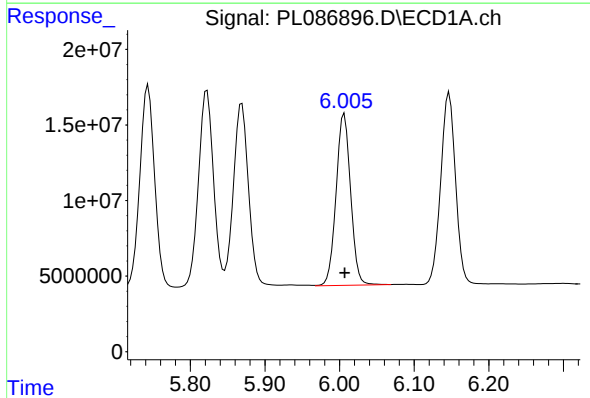
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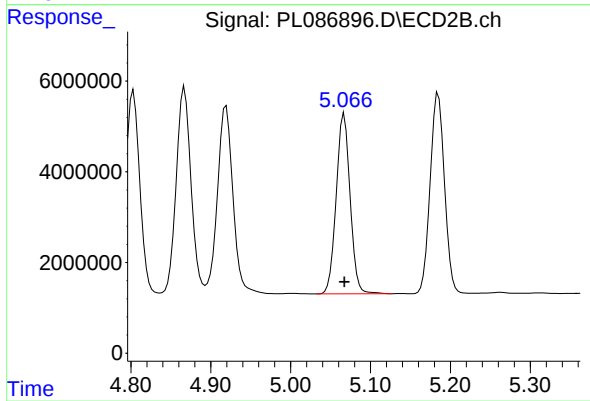
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 59753875
Conc: 44.93 ng/ml



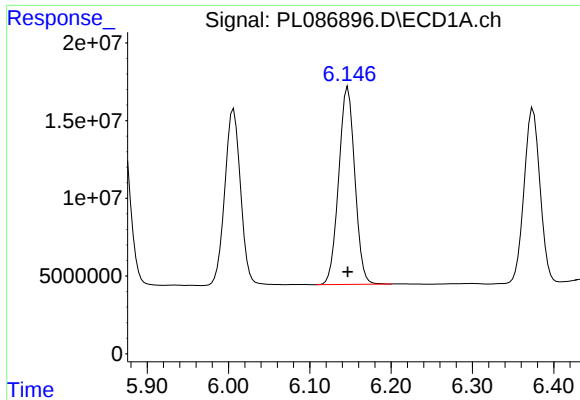
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 153646381
Conc: 50.82 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 48062870
Conc: 52.35 ng/ml



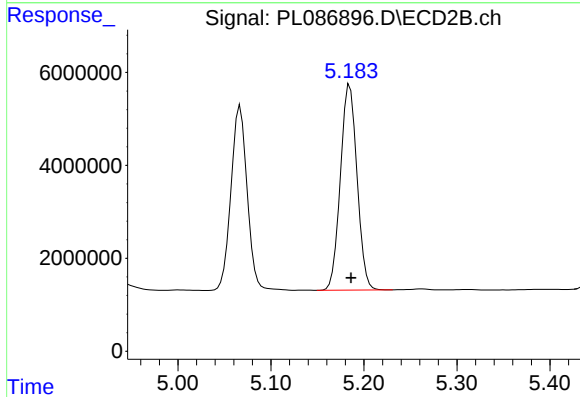
#13 Dieldrin

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 174564368
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
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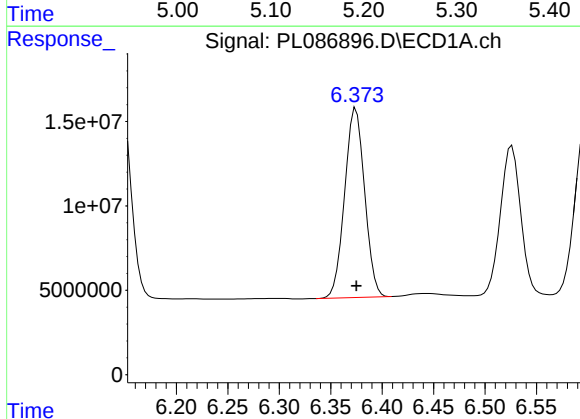
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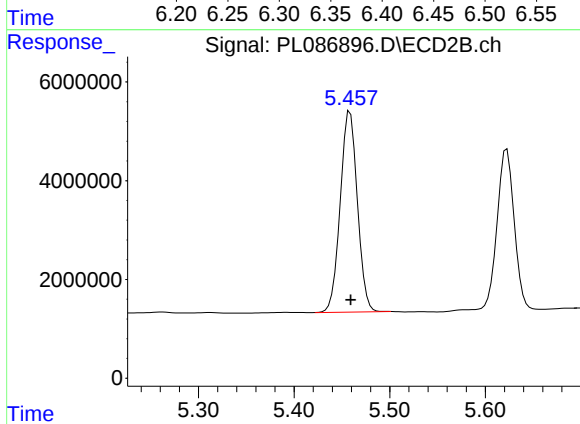
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 54986581
Conc: 51.34 ng/ml



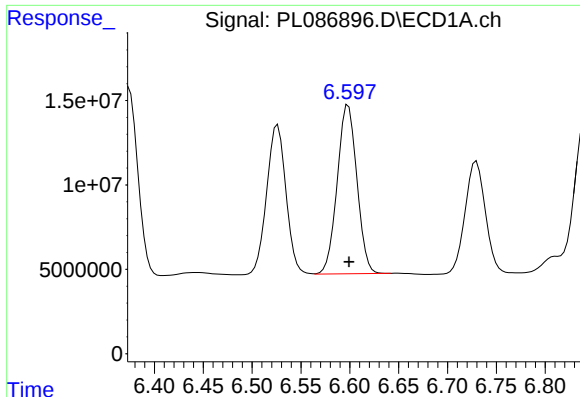
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 151673628
Conc: 58.84 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 50864625
Conc: 60.35 ng/ml



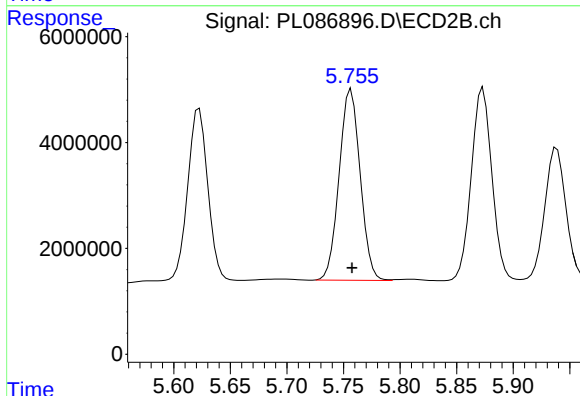
#15 Endosulfan II

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 140432071
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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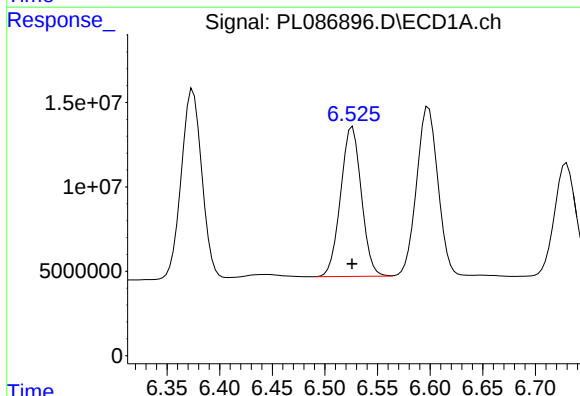
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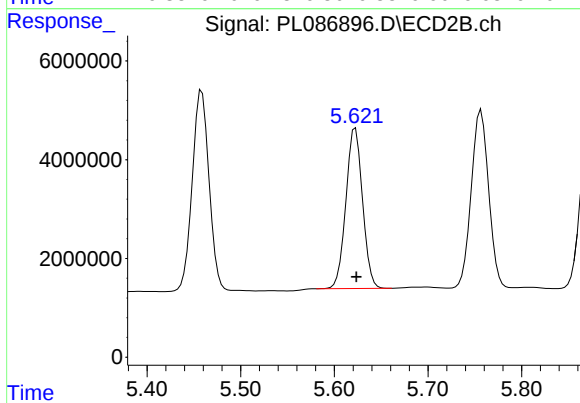
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 46751458
Conc: 50.35 ng/ml



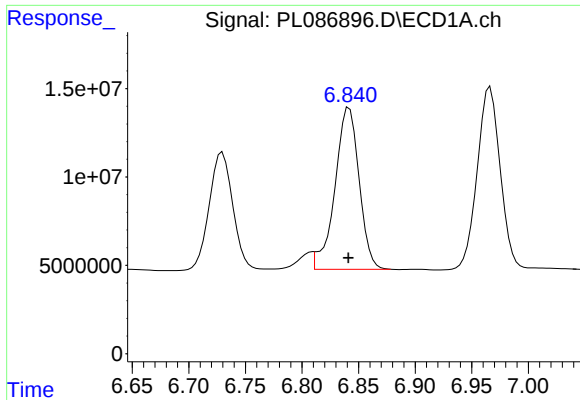
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 121879273
Conc: 52.05 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.001 min
Response: 40099935
Conc: 51.92 ng/ml



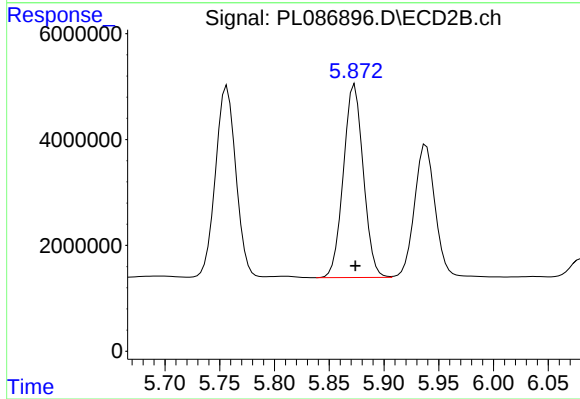
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 135541058
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

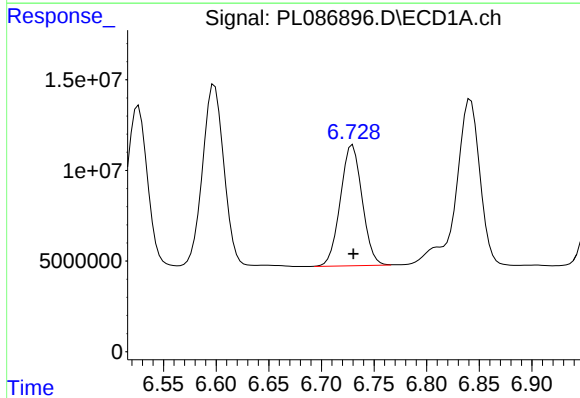
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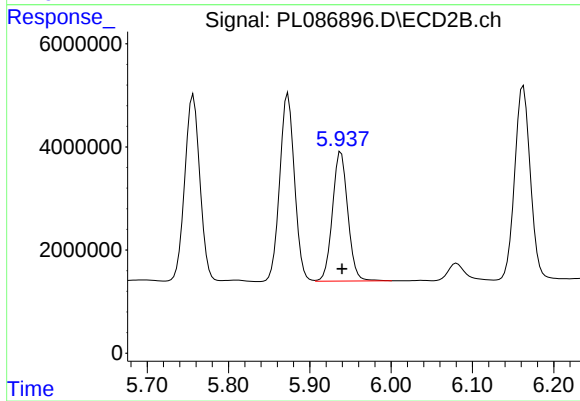
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 46143991
Conc: 57.22 ng/ml



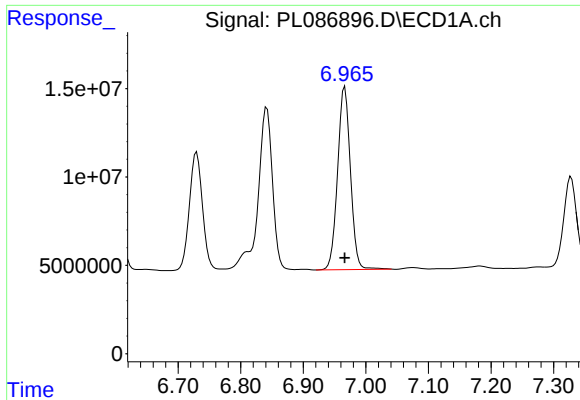
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 96298926
Conc: 45.14 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 32914051
Conc: 47.11 ng/ml



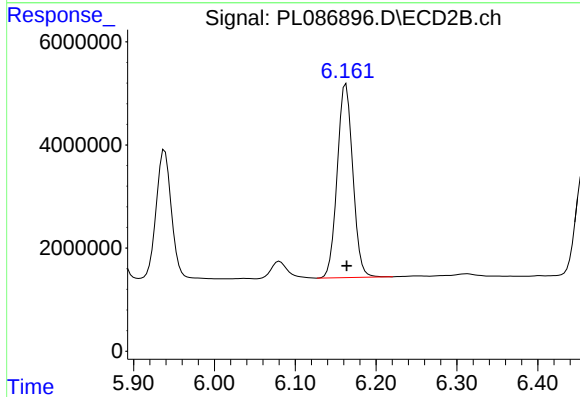
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 147940141
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

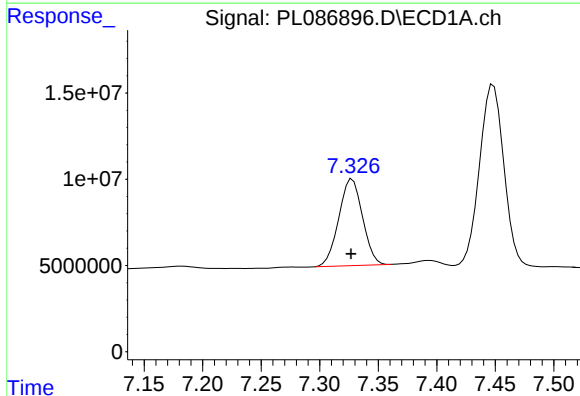
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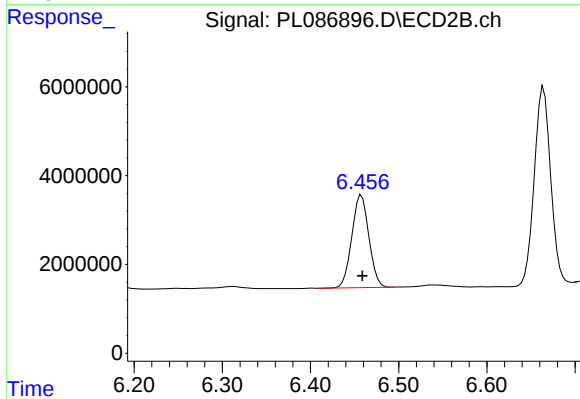
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 50280029
Conc: 52.99 ng/ml



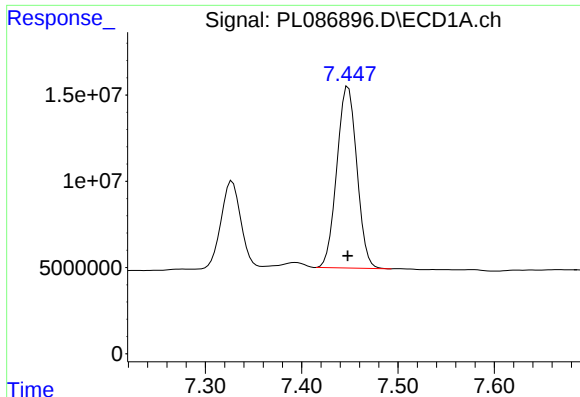
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 70917672
Conc: 53.71 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 27970782
Conc: 54.34 ng/ml



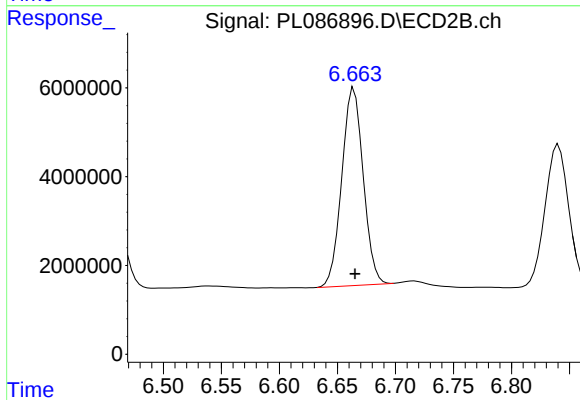
#21 Endrin ketone

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 151848580
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-110MSD

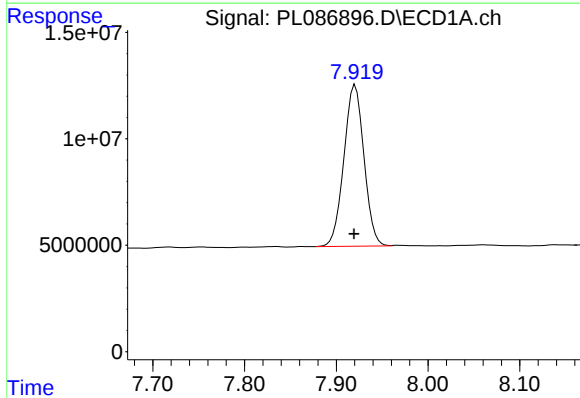
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



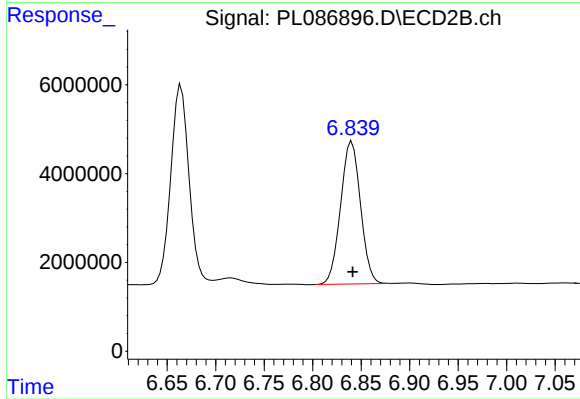
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 57136340
Conc: 50.05 ng/ml



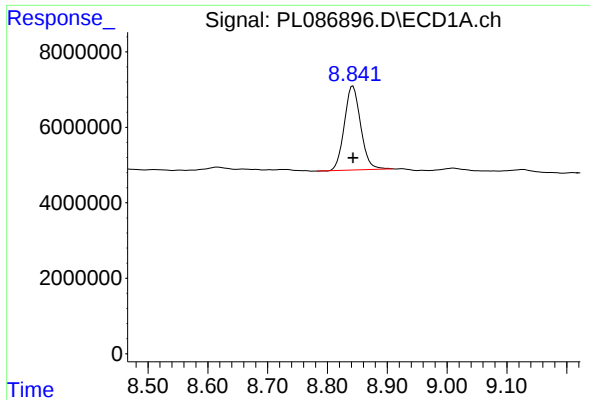
#22 Mirex

R.T.: 7.921 min
Delta R.T.: 0.001 min
Response: 115195466
Conc: 45.04 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 45855907
Conc: 44.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 42102070
Conc: 15.77 ng/ml

Instrument :

ECD_L

ClientSampleId :

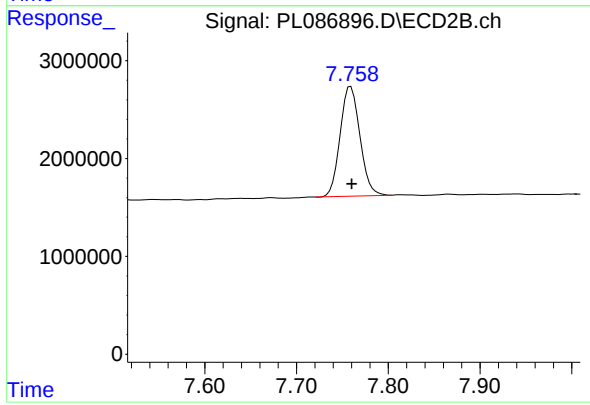
MW-110MSD

Manual Integrations

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Supervised By :Ankita Jodhani 11/30/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 16827195
Conc: 15.26 ng/ml