

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 19:46
 Operator : AR\AJ
 Sample : P1539-08MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:03:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.634	2.854	54953834	27904554	20.007	19.896
28)	SA Decachlor...	9.300	8.083	37731078	22103878	19.591	17.360
Target Compounds							
2)	A alpha-BHC	4.099	3.368	167.4E6	84226569	40.114	40.990
3)	MA gamma-BHC...	4.438	3.704	151.2E6	82231807	37.337	41.064
4)	MA Heptachlor	5.038	4.053	172.6E6	82445088	44.861	45.256
5)	MB Aldrin	5.385	4.339	158.1E6	77066156	41.399	39.736
6)	B beta-BHC	4.635	4.006	81221078	39141442	46.635	43.975
7)	B delta-BHC	4.887	4.241	119.4E6	57652992	31.393	28.902
8)	B Heptachlo...	5.817	4.849	159.6E6	75504319	45.557	43.524
9)	A Endosulfan I	6.207	5.225	46628998	23142716	14.898	14.383
10)	B gamma-Chl...	6.077	5.104	177.3E6	80098388	52.171	44.903
11)	B alpha-Chl...	6.156	5.169	155.0E6	79171584	45.427	44.442
12)	B 4,4'-DDE	6.331	5.362	137.9E6	69473841	45.476	43.710
13)	MA Dieldrin	6.486	5.495	150.1E6	77520962	45.659	44.930
14)	MA Endrin	6.719	5.774	132.1E6	72521203	50.796	48.505
15)	B Endosulfa...	6.938	6.071	27812792	14230112	9.711m	9.341
16)	A 4,4'-DDD	6.853	5.922	119.6E6	71729642	46.099	52.502m
17)	MA 4,4'-DDT	7.172	6.179	121.6E6	63943742	46.262	46.837
18)	B Endrin al...	7.070	6.253	85595144	43746941	41.397	40.055
19)	B Endosulfa...	7.307	6.479	117.1E6	62848145	44.937	44.750
20)	A Methoxychlor	7.652	6.762	67013822	38467709	50.626	49.081
21)	B Endrin ke...	7.799	6.992	134.2E6	74220150	47.905	44.331
22)	Mirex	8.281	7.178	101.3E6	60056743	43.714	45.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 19:46
Operator : AR\AJ
Sample : P1539-08MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

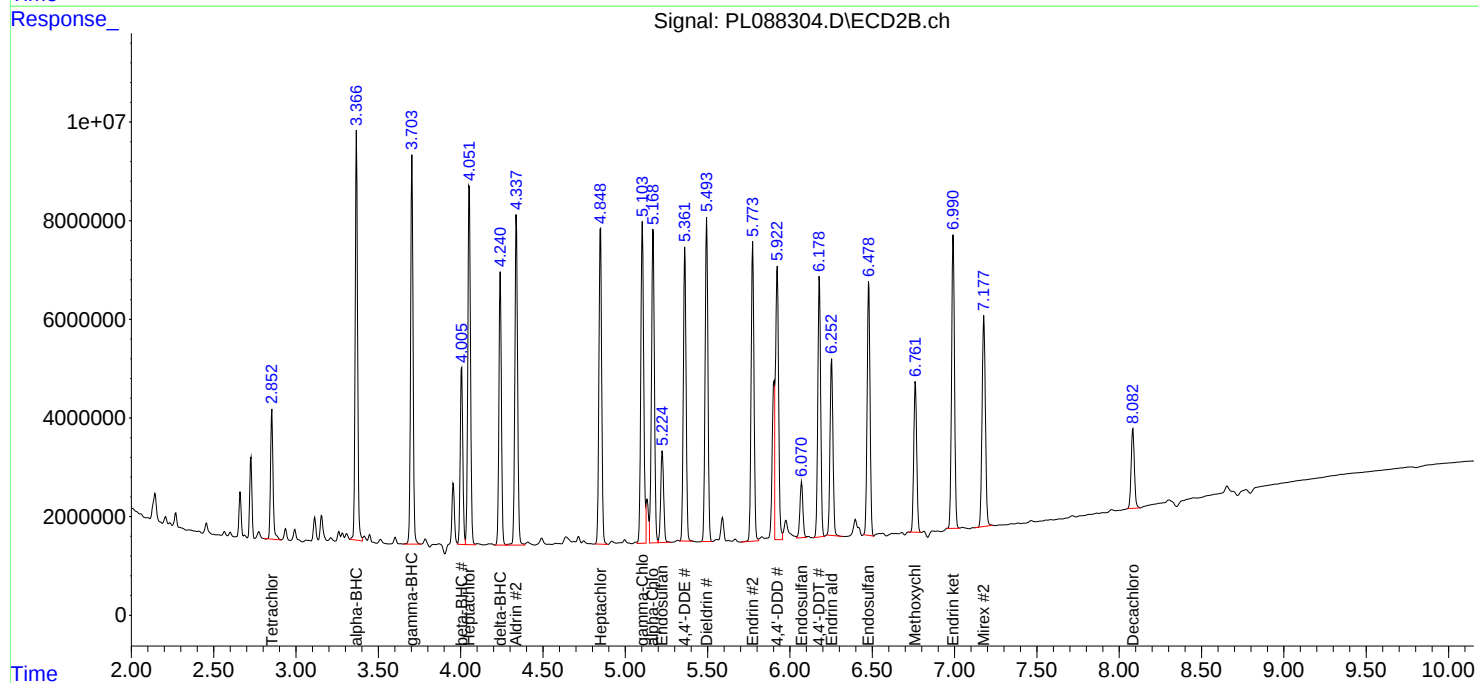
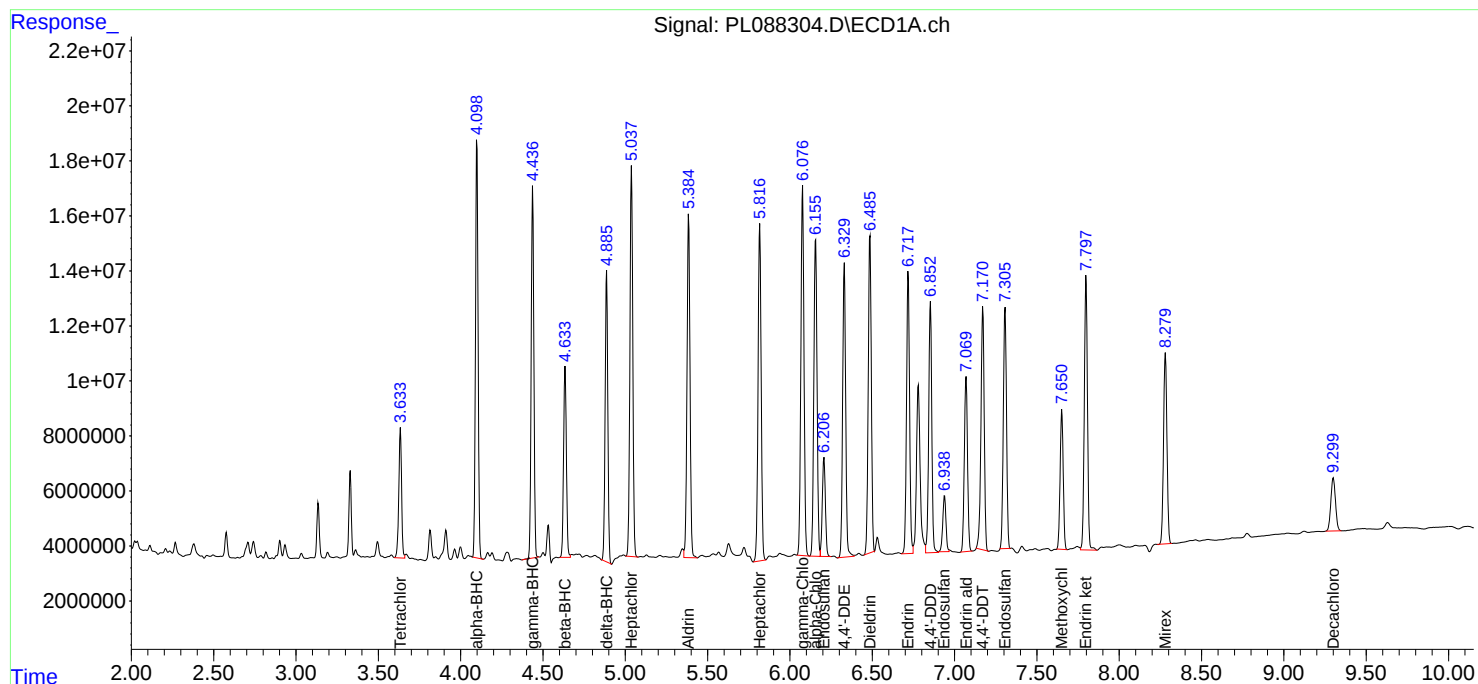
Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

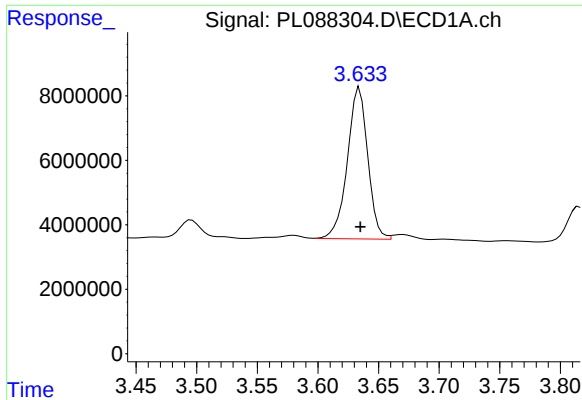
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 00:03:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
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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





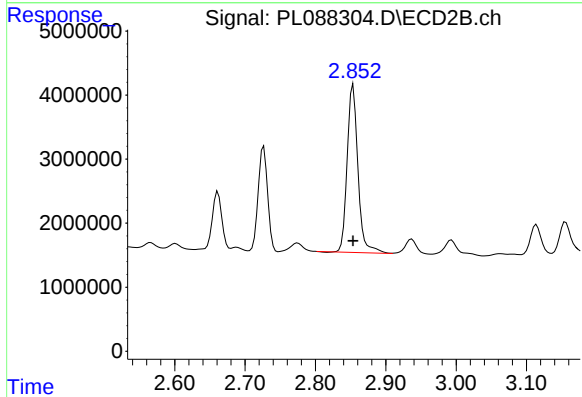
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 54953834
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

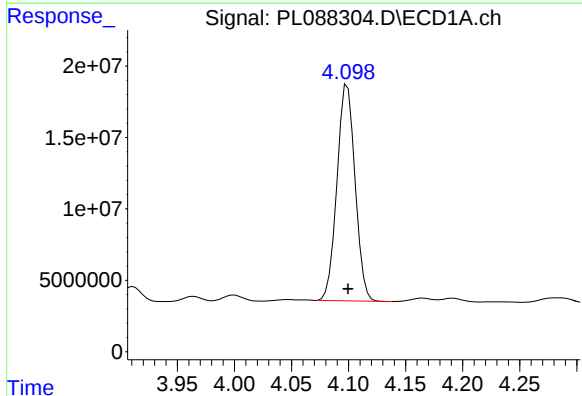
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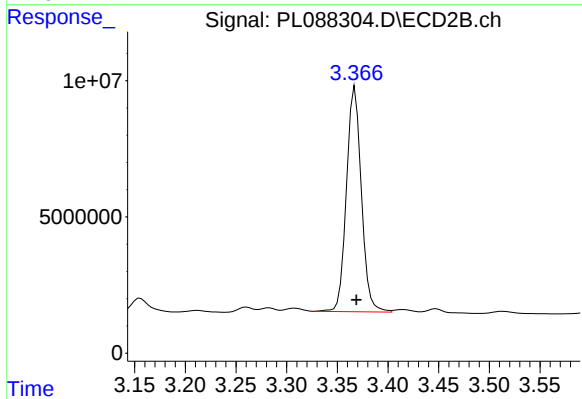
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27904554
Conc: 19.90 ng/ml



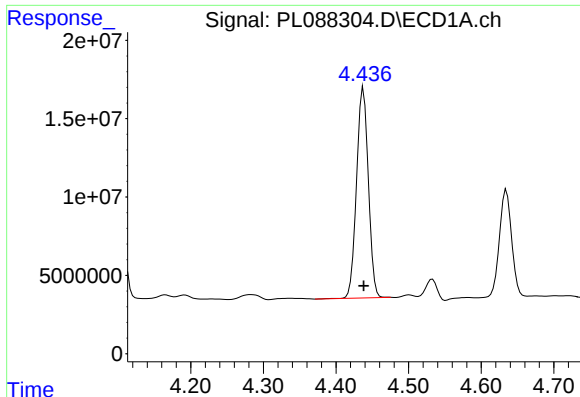
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 167446680
Conc: 40.11 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: -0.001 min
Response: 84226569
Conc: 40.99 ng/ml



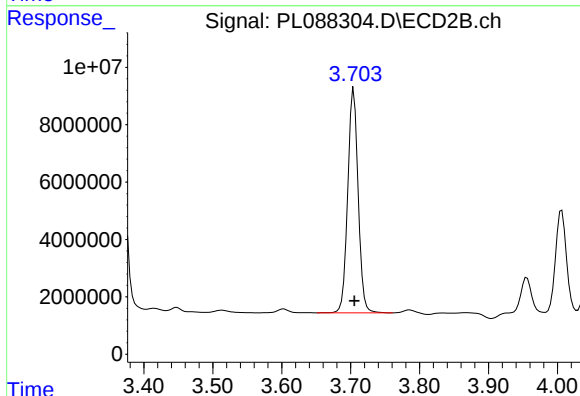
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 151196358
Conc: 37.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

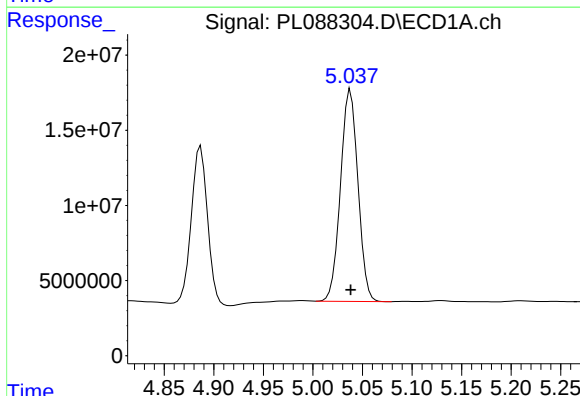
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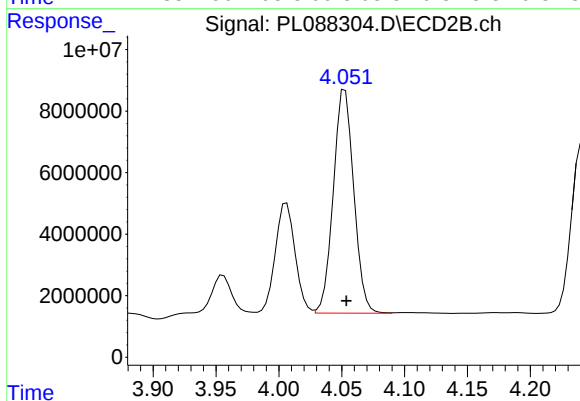
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.001 min
Response: 82231807
Conc: 41.06 ng/ml



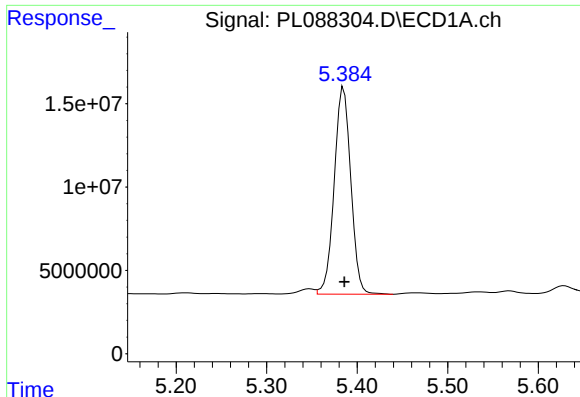
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 172636510
Conc: 44.86 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 82445088
Conc: 45.26 ng/ml



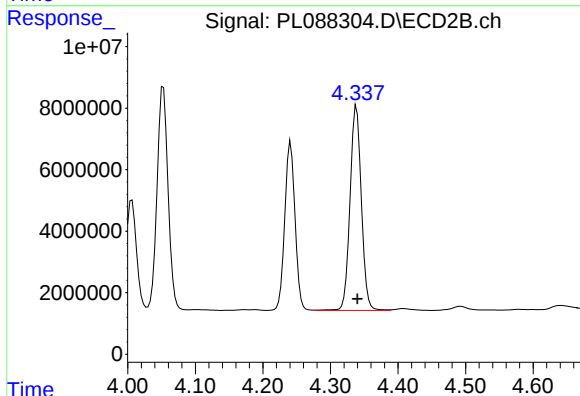
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 158074838
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

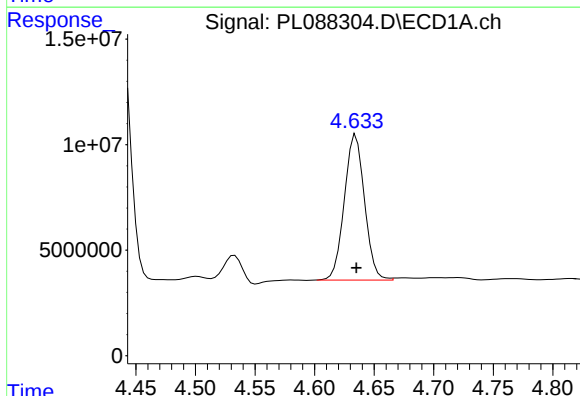
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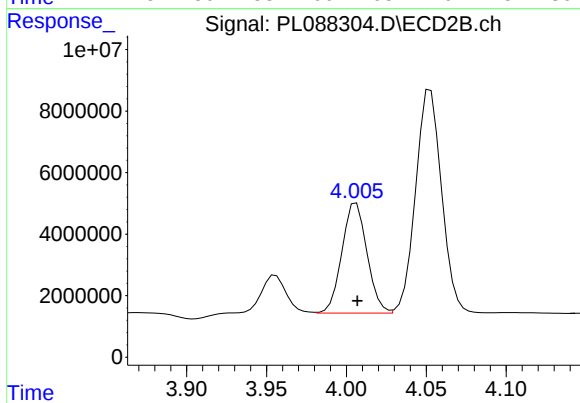
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 77066156
Conc: 39.74 ng/ml



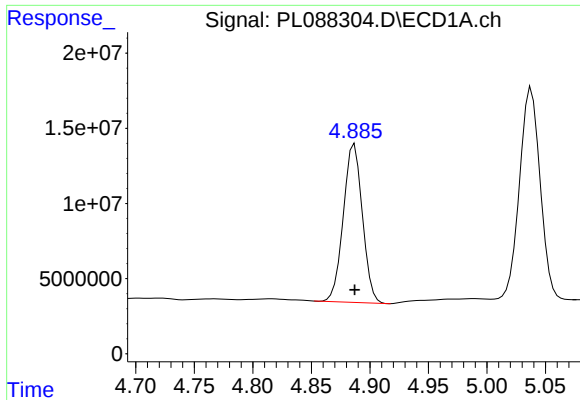
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 81221078
Conc: 46.64 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 39141442
Conc: 43.98 ng/ml



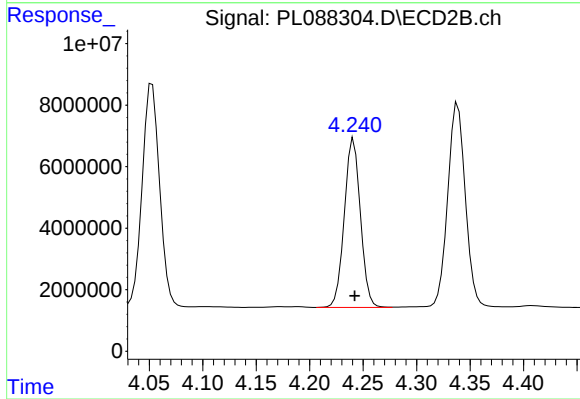
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 119441870
Conc: 31.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

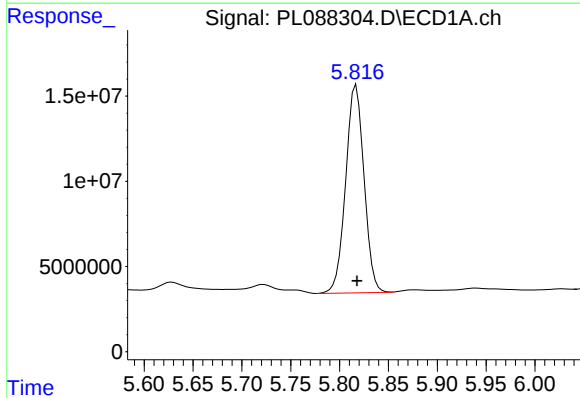
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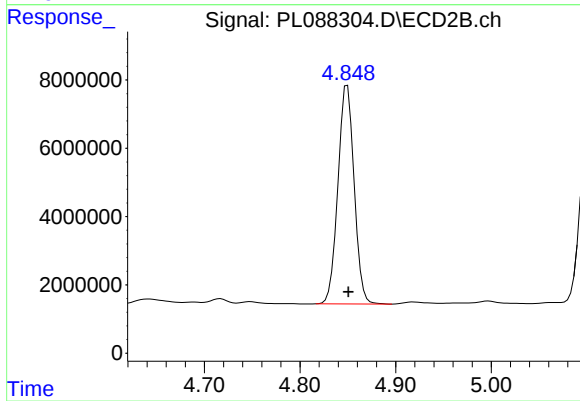
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 57652992
Conc: 28.90 ng/ml



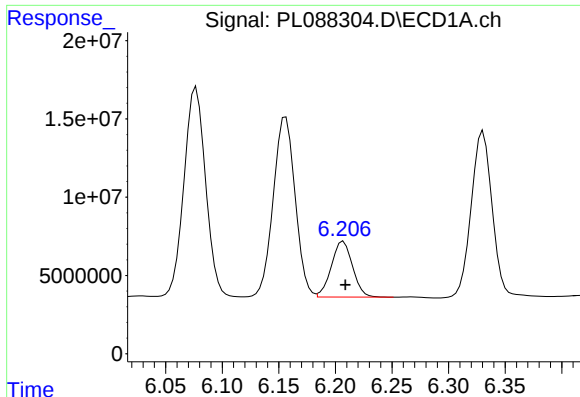
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 159615068
Conc: 45.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 75504319
Conc: 43.52 ng/ml



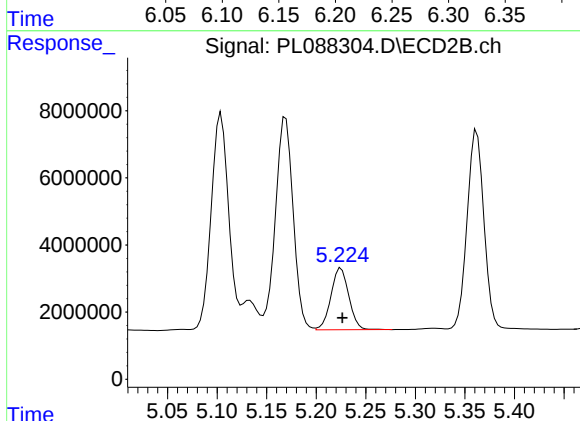
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 46628998
Conc: 14.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

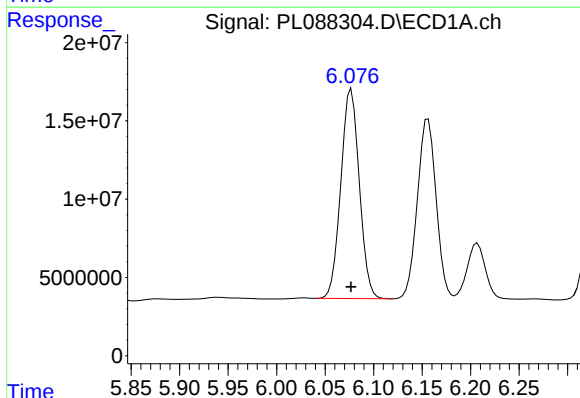
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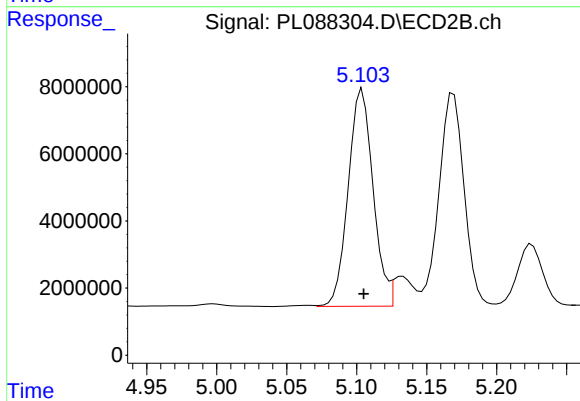
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 23142716
Conc: 14.38 ng/ml



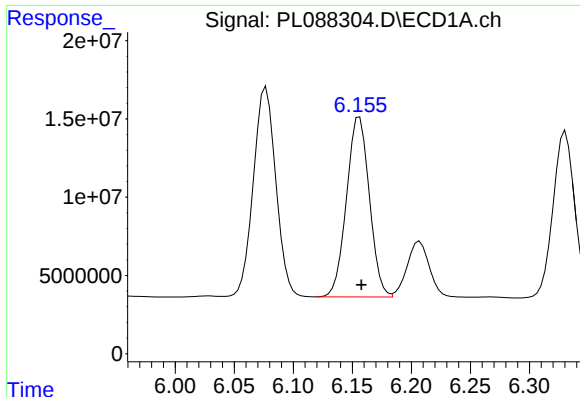
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 177292416
Conc: 52.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 80098388
Conc: 44.90 ng/ml



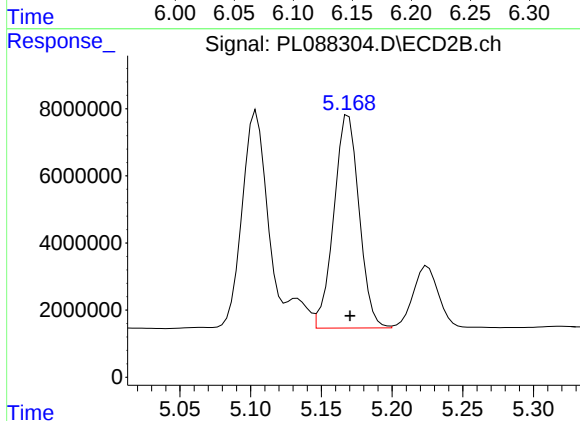
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 155030270
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

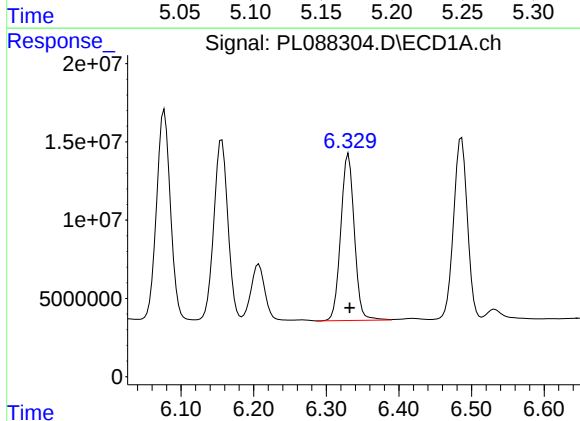
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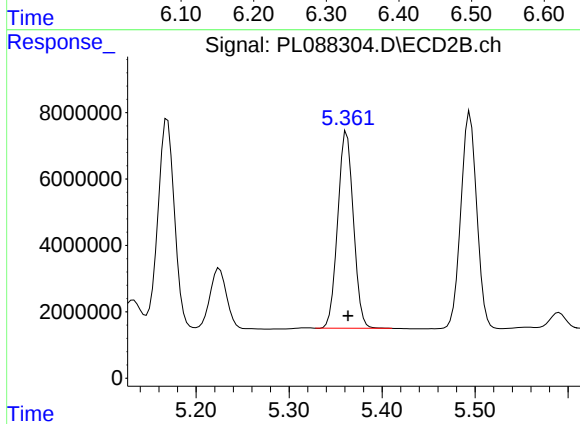
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 79171584
Conc: 44.44 ng/ml



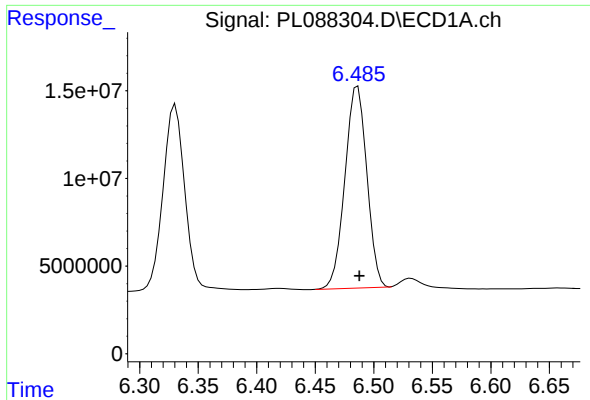
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 137920705
Conc: 45.48 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 69473841
Conc: 43.71 ng/ml



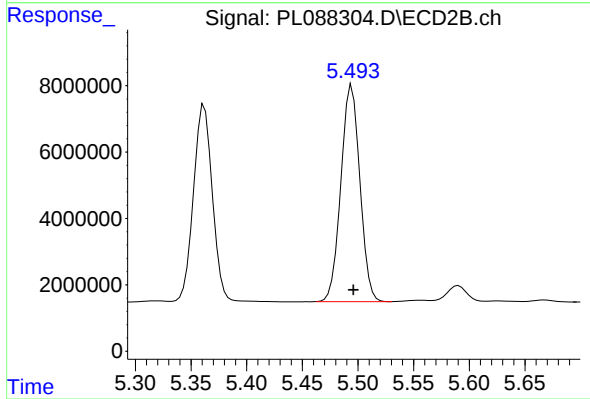
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 150132012
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

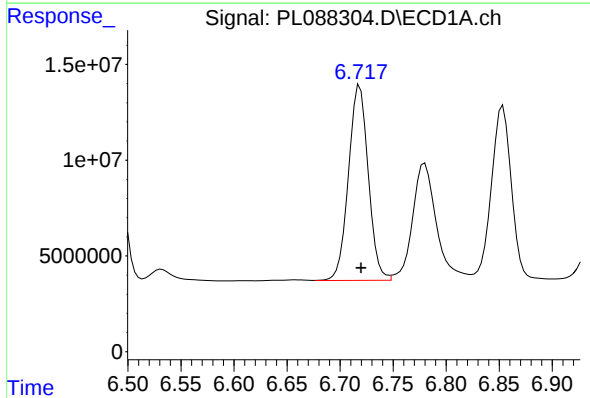
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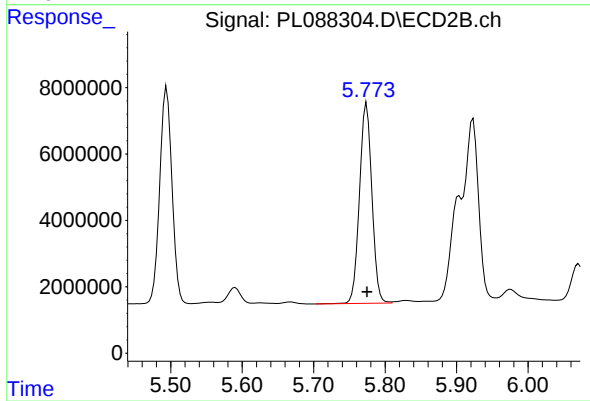
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 77520962
Conc: 44.93 ng/ml



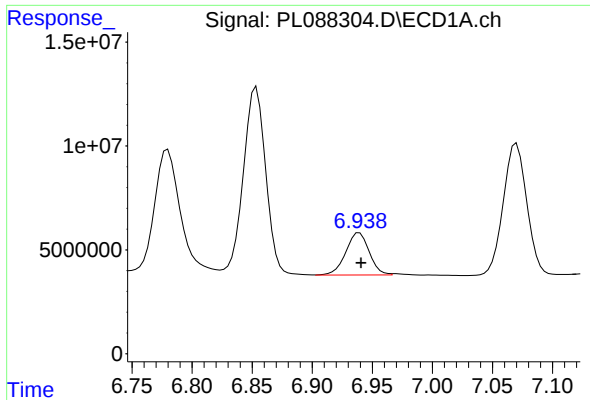
#14 Endrin

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 132102365
Conc: 50.80 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 72521203
Conc: 48.50 ng/ml



#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 27812792
Conc: 9.71 ng/ml

Instrument :

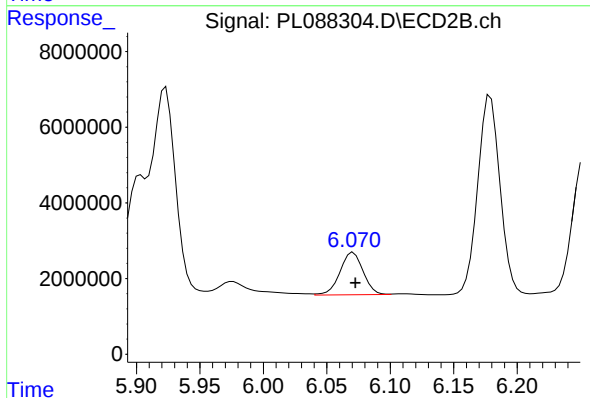
ECD_L

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

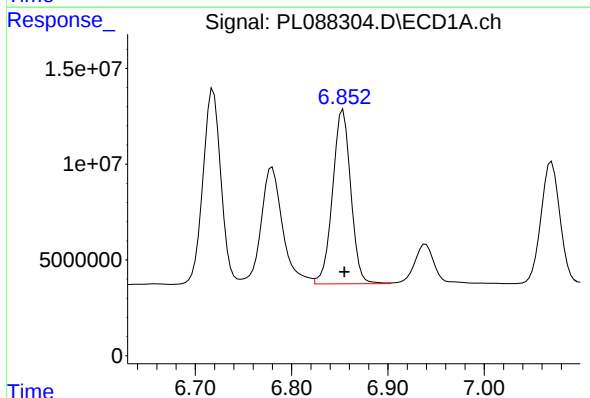
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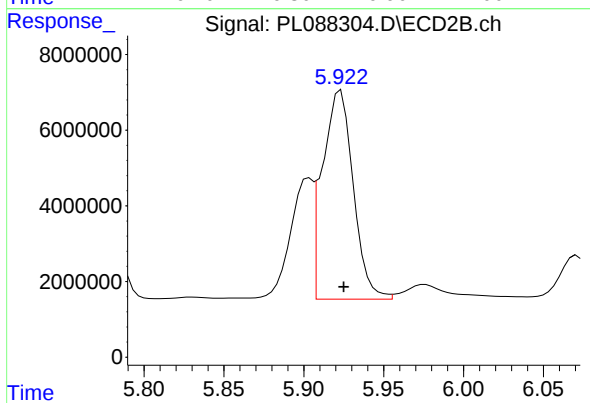
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 14230112
Conc: 9.34 ng/ml



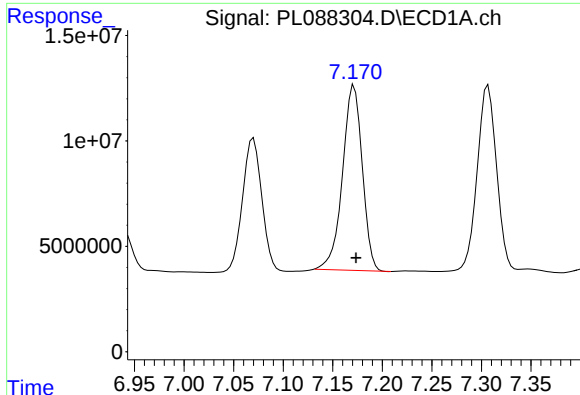
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 119566371
Conc: 46.10 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 71729642
Conc: 52.50 ng/ml m



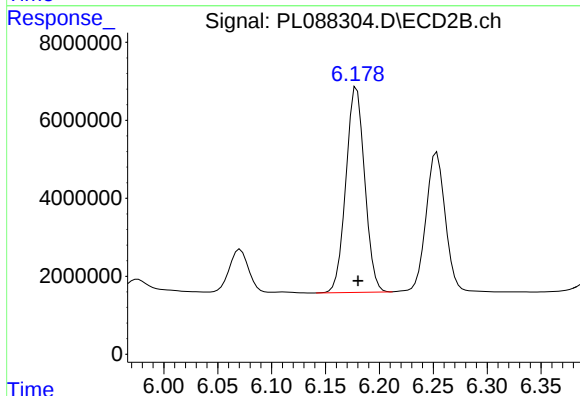
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 121631371
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

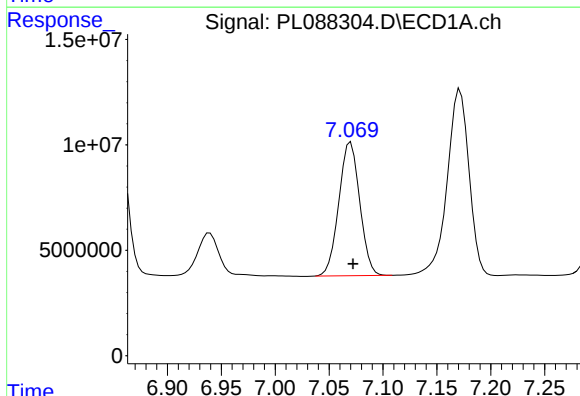
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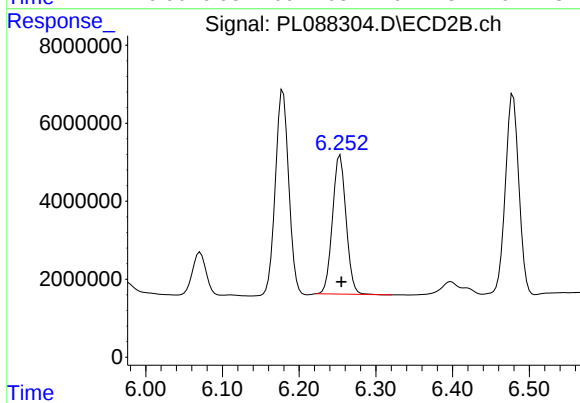
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 63943742
Conc: 46.84 ng/ml



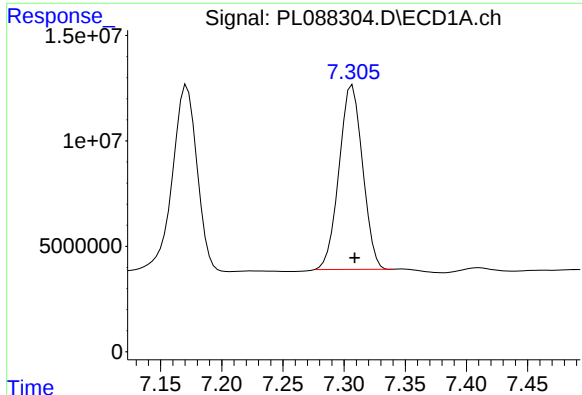
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 85595144
Conc: 41.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 43746941
Conc: 40.06 ng/ml



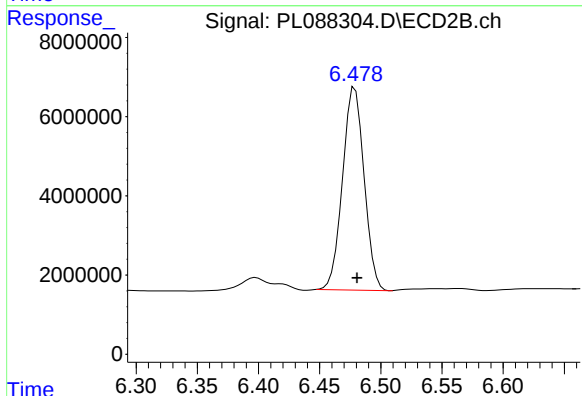
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 117069423
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

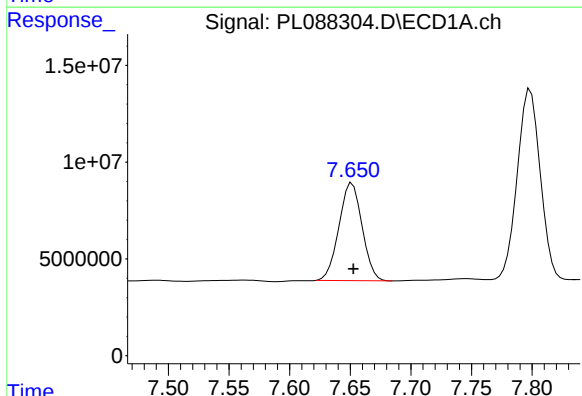
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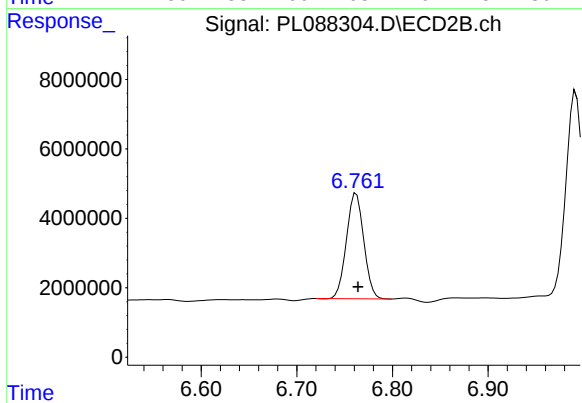
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 62848145
Conc: 44.75 ng/ml



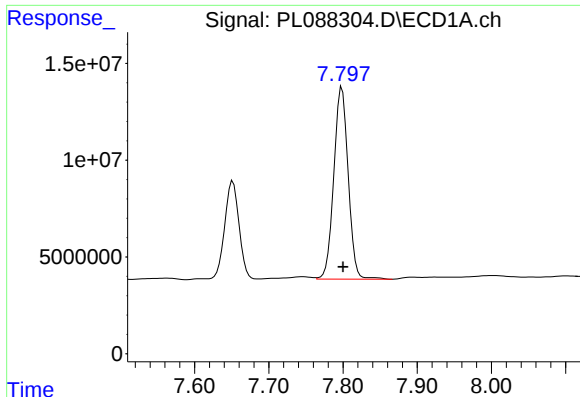
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 67013822
Conc: 50.63 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 38467709
Conc: 49.08 ng/ml



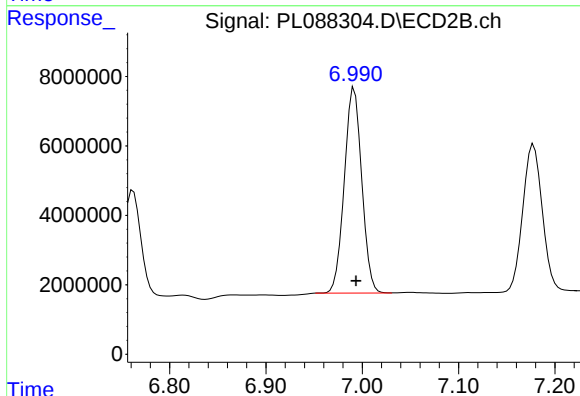
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 134190138
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

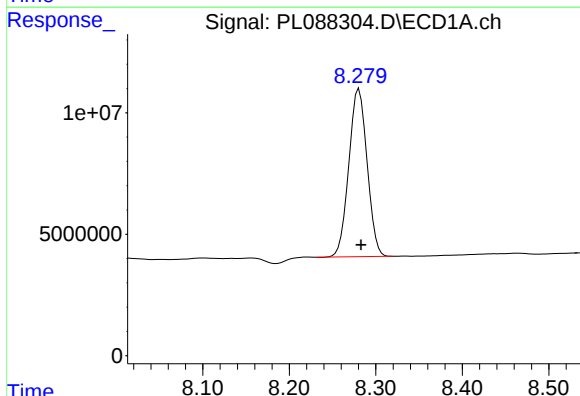
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



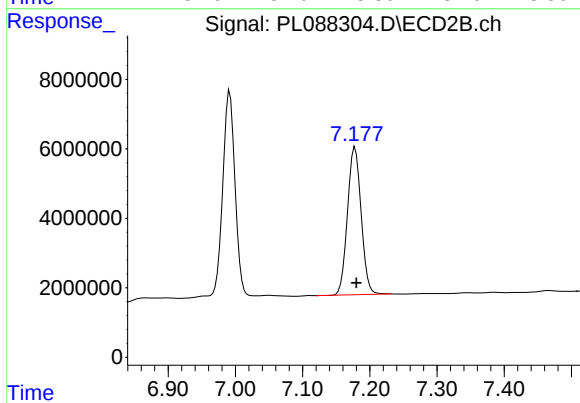
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 74220150
Conc: 44.33 ng/ml



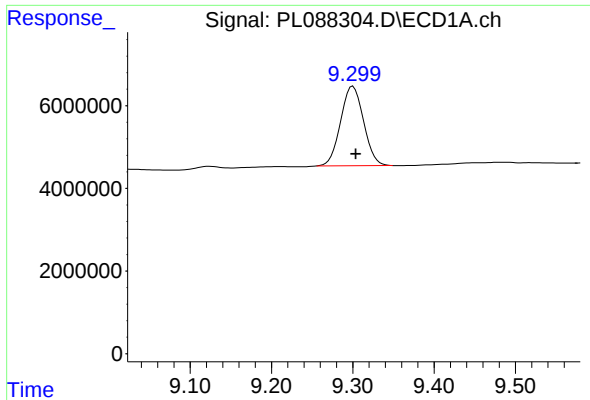
#22 Mirex

R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 101293617
Conc: 43.71 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 60056743
Conc: 45.84 ng/ml



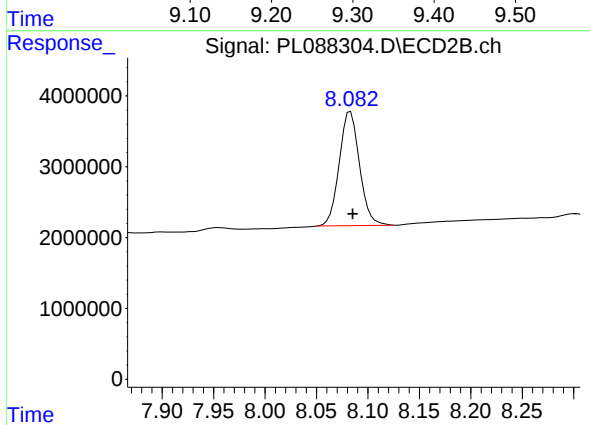
#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 37731078
Conc: 19.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/27/2024



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 22103878
Conc: 17.36 ng/ml