

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 10:21
 Operator : AR\AJ
 Sample : 03541-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-WWS-08MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2023
 Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:07:19 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...	3.475	2.688	49218402	25775946	24.611	23.210
28)	SA Decachlor...	9.024	7.871	33985792	27413073	26.110	24.671
Target Compounds							
2)	A alpha-BHC	3.933	3.193	165.3E6	86742512	56.417	53.949
3)	MA gamma-BHC...	4.267	3.524	149.5E6	80352299	52.929	52.839
4)	MA Heptachlor	4.859	3.865	163.7E6	68960025	60.219	58.516
5)	MB Aldrin	5.201	4.145	152.4E6	76727213	53.206	50.886
6)	B beta-BHC	4.465	3.825	66855440	35500839	55.720	53.784
7)	B delta-BHC	4.712	4.054	154.2E6	80546856	57.859	53.249
8)	B Heptachlo...	5.630	4.652	151.4E6	70263108	56.718	54.714
9)	A Endosulfan I	6.016	5.022	129.5E6	66046354	54.685	53.848
10)	B gamma-Chl...	5.888	4.905	140.7E6	74773453	54.485	56.129
11)	B alpha-Chl...	5.967	4.969	136.8E6	74762353	53.828	55.497
12)	B 4,4'-DDE	6.146	5.167	115.6E6	68972120	57.438	56.150
13)	MA Dieldrin	6.293	5.289	127.0E6	69613137	53.128	53.452
14)	MA Endrin	6.522	5.564	106.4E6	71459259	55.895m	65.008
15)	B Endosulfa...	6.742	5.862	95861781	54585949	51.145m	47.493
16)	A 4,4'-DDD	6.666	5.725	87519894	55875901	59.597	58.244
17)	MA 4,4'-DDT	6.981	5.977	91387791	55385880	57.304	60.810
18)	B Endrin al...	6.874	6.043	74671159	46805905	50.967	52.068
19)	B Endosulfa...	7.109	6.268	94503206	61763182	54.667	56.198
20)	A Methoxychlor	7.463	6.561	44174431	28521073	56.473	59.513
21)	B Endrin ke...	7.595	6.772	93267339	73608335	53.221	56.969m
22)	Mirex	8.070	6.955	74199509	55210447	51.853	54.092

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071232\
 Data File : PL083873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 10:21
 Operator : AR\AJ
 Sample : 03541-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

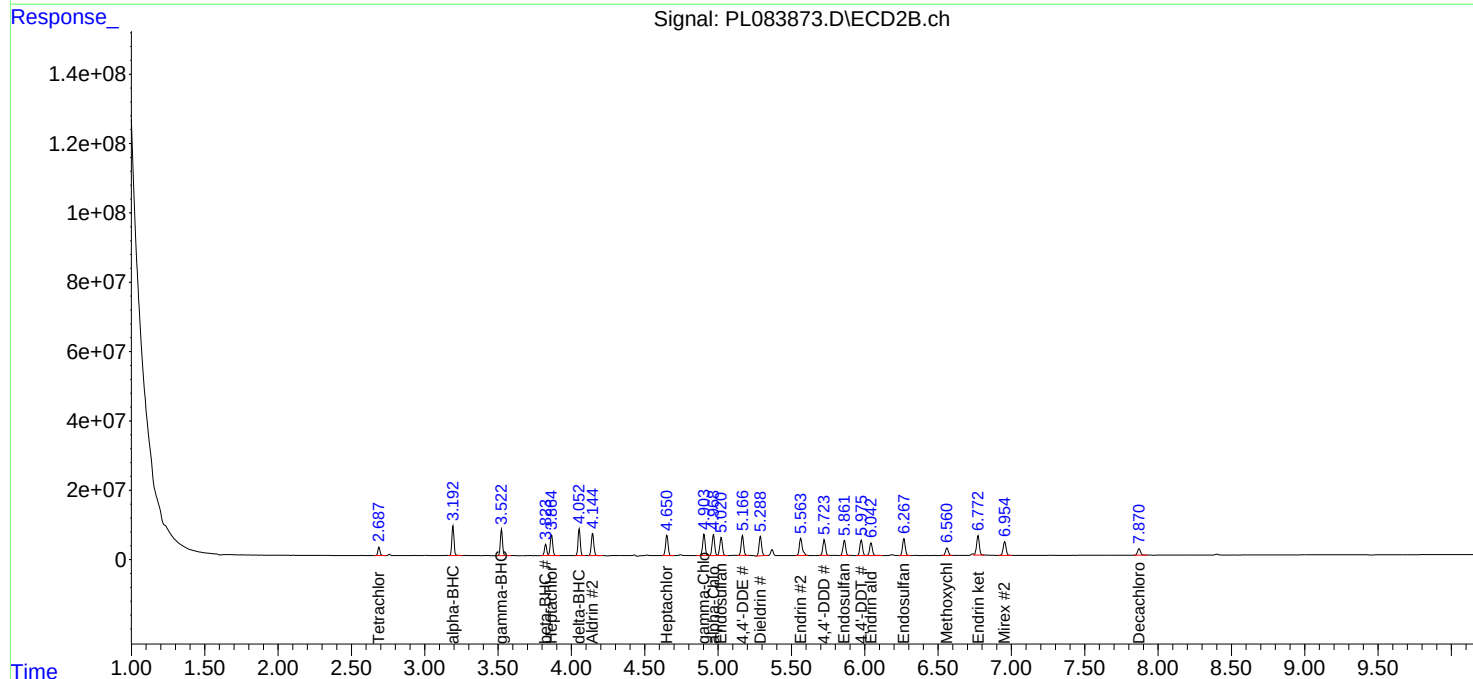
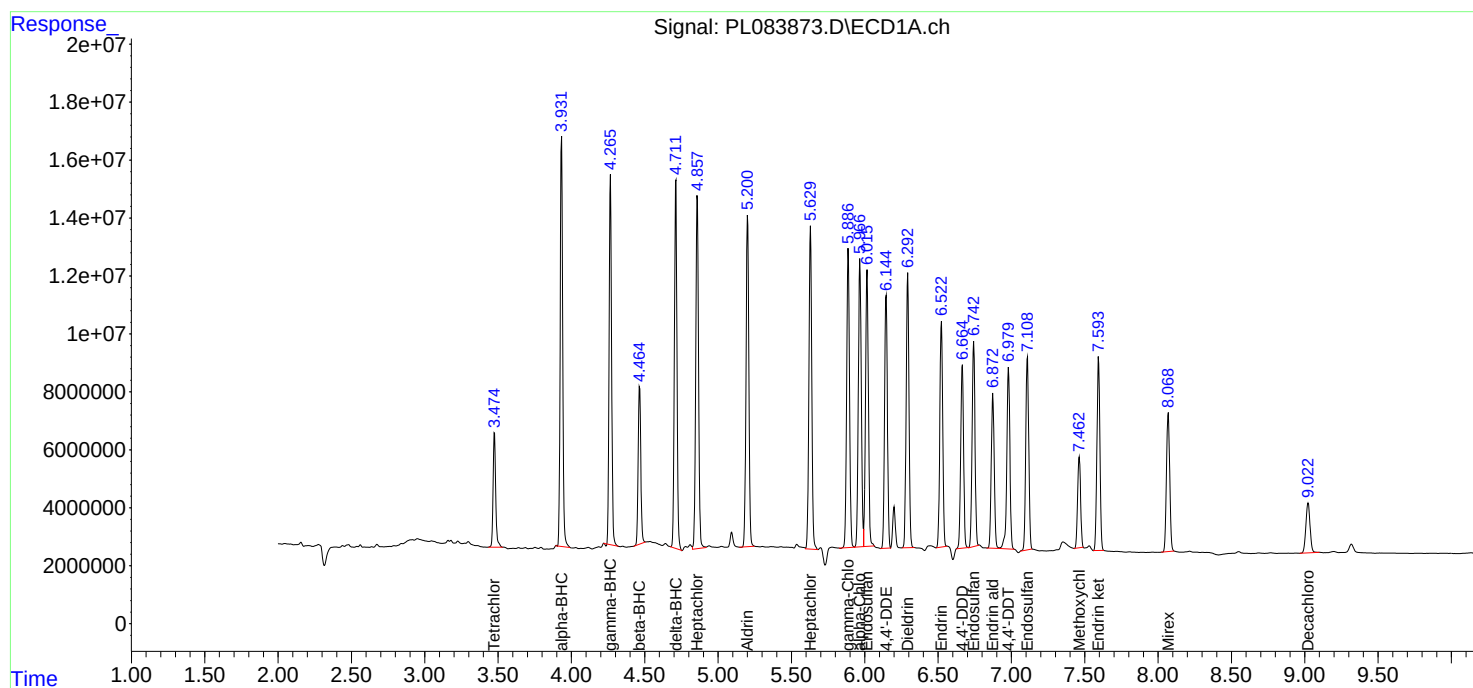
Instrument :
 ECD_L
 ClientSampleId :
 WC-WWS-08MSD

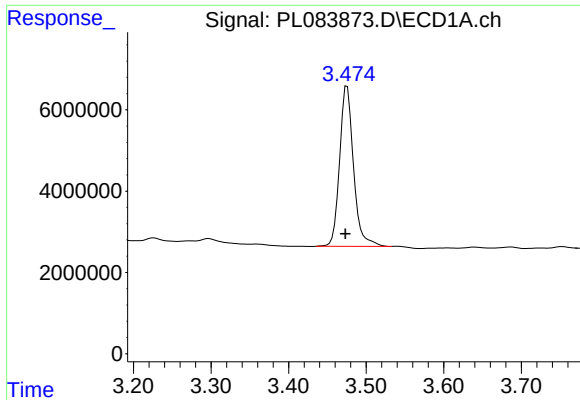
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:07:19 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





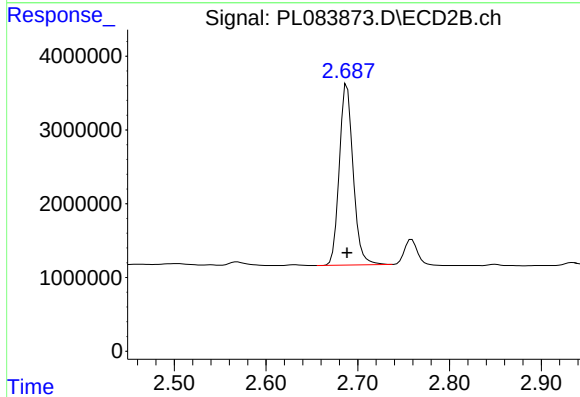
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 49218402
Conc: 24.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

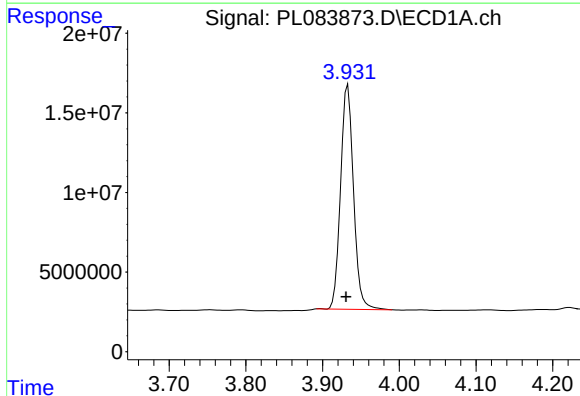
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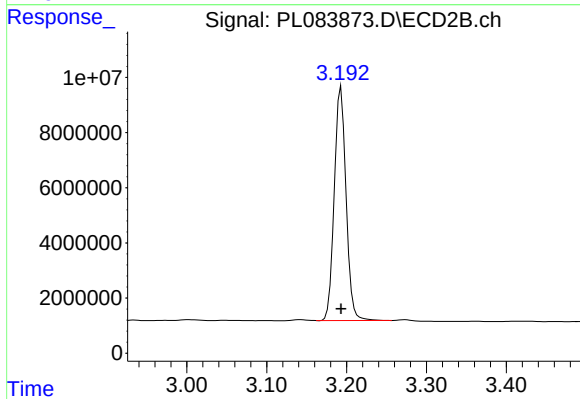
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 25775946
Conc: 23.21 ng/ml



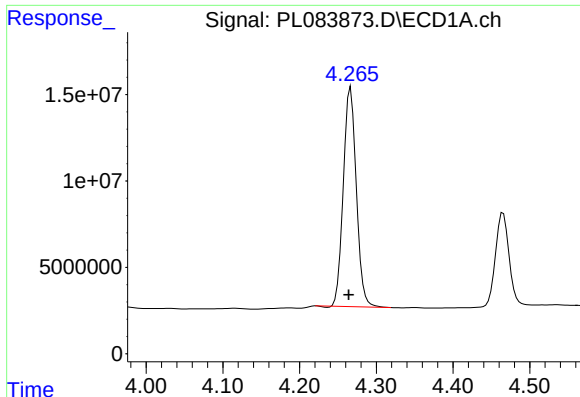
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 165291421
Conc: 56.42 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 86742512
Conc: 53.95 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 149543294
Conc: 52.93 ng/ml

Instrument :

ECD_L

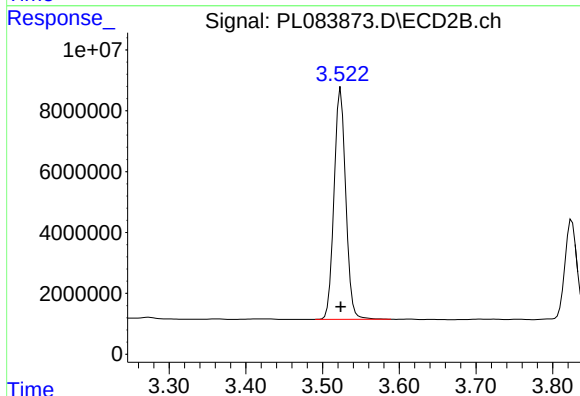
ClientSampleId :

WC-WWS-08MSD

Manual Integrations

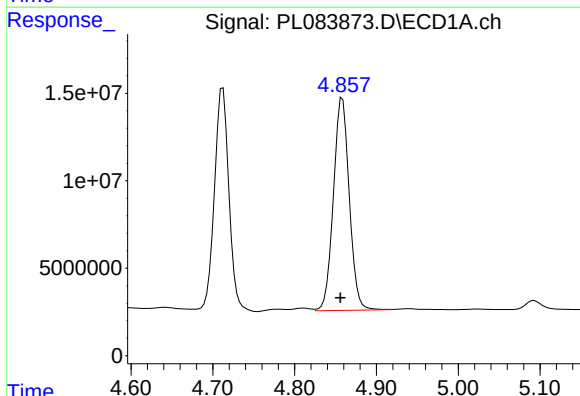
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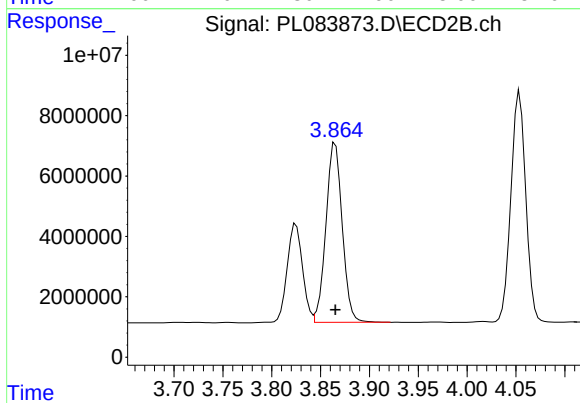
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 80352299
Conc: 52.84 ng/ml



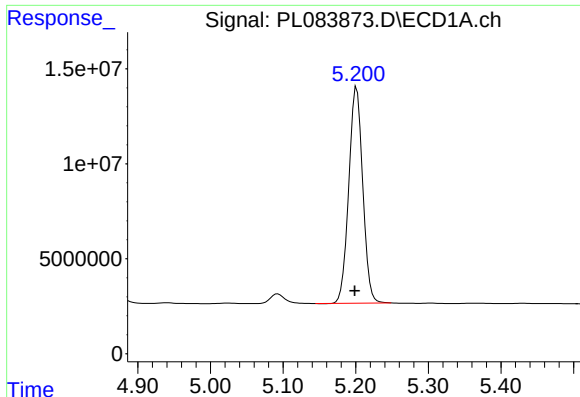
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 163650836
Conc: 60.22 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 68960025
Conc: 58.52 ng/ml



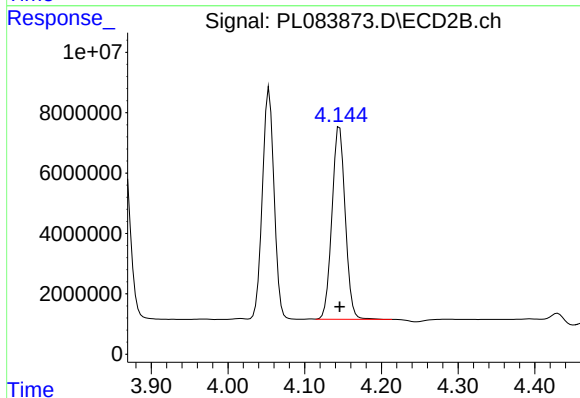
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: 0.003 min
Response: 152392602
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

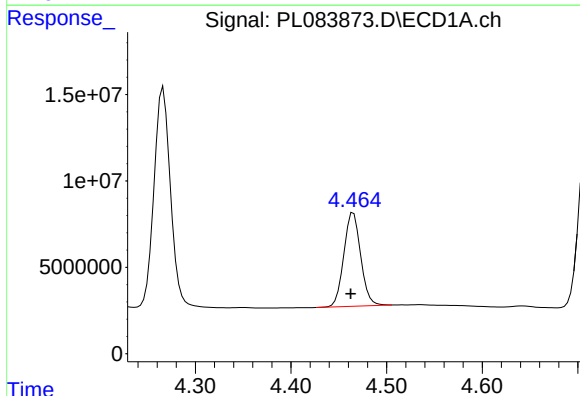
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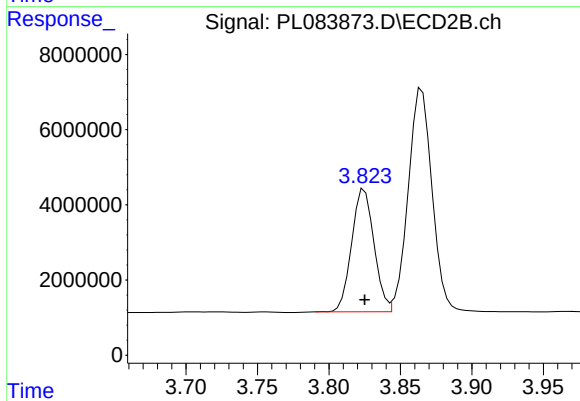
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 76727213
Conc: 50.89 ng/ml



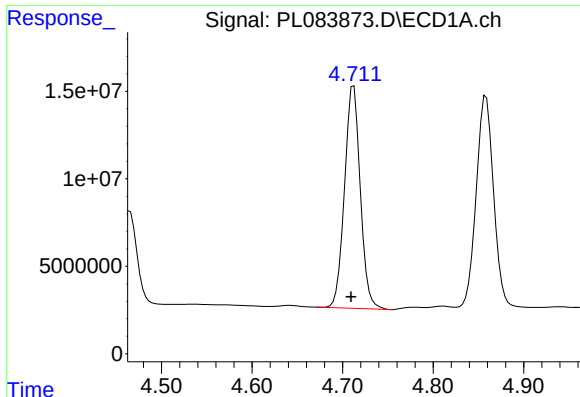
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.003 min
Response: 66855440
Conc: 55.72 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 35500839
Conc: 53.78 ng/ml



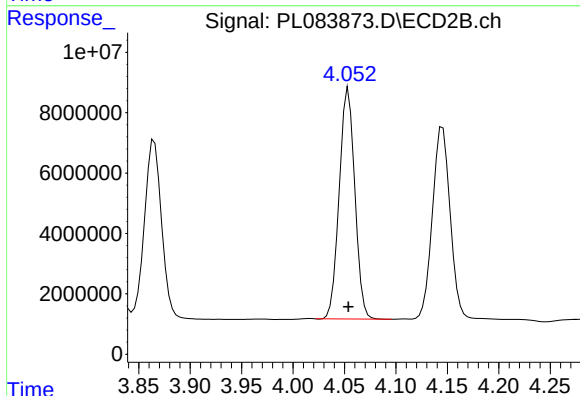
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: 0.003 min
Response: 154239167
Conc: 57.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

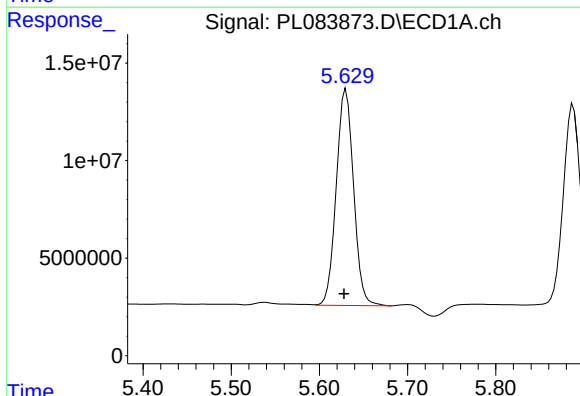
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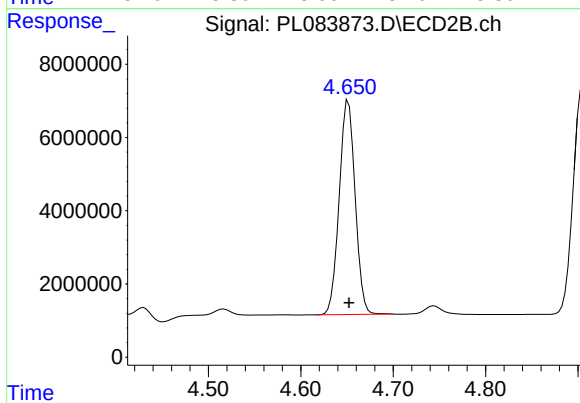
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 80546856
Conc: 53.25 ng/ml



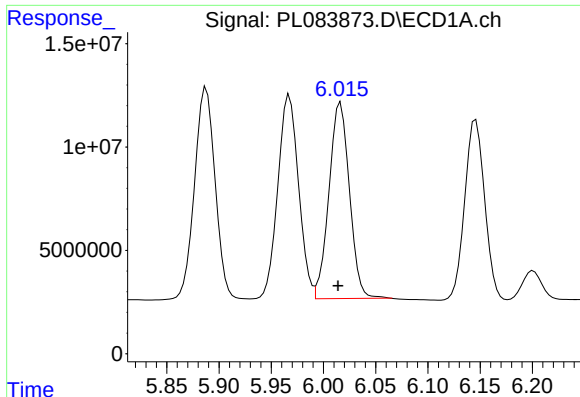
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.002 min
Response: 151415283
Conc: 56.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 70263108
Conc: 54.71 ng/ml



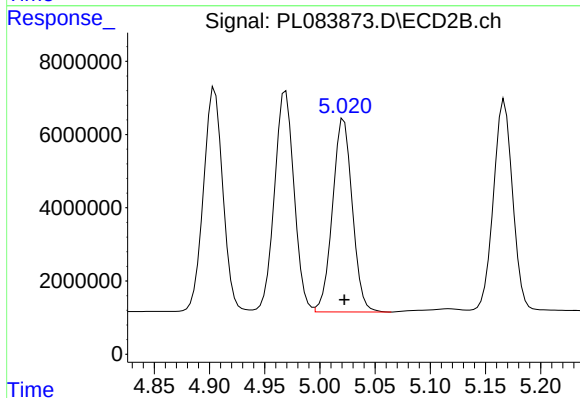
#9 Endosulfan I

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 129504300
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

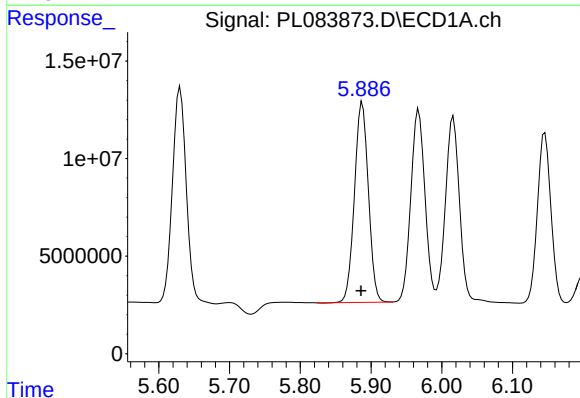
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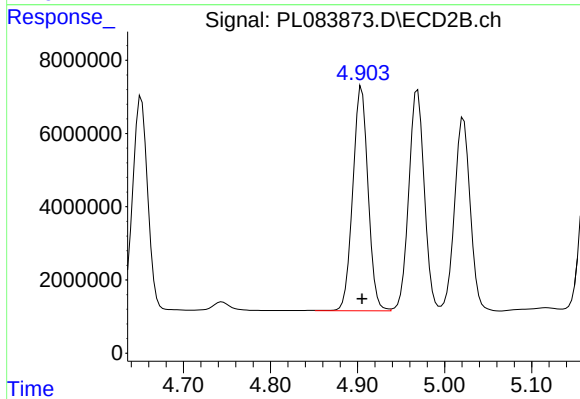
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 66046354
Conc: 53.85 ng/ml



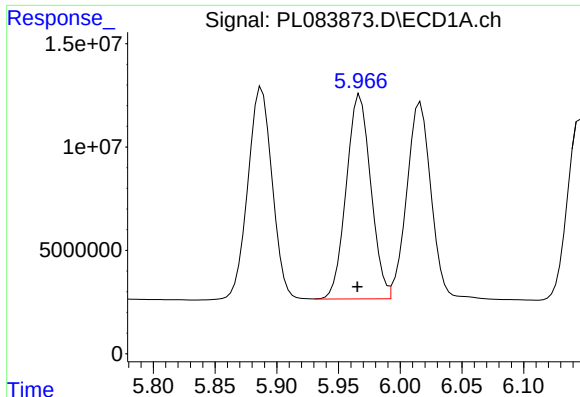
#10 gamma-Chlordane

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 140675414
Conc: 54.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 74773453
Conc: 56.13 ng/ml



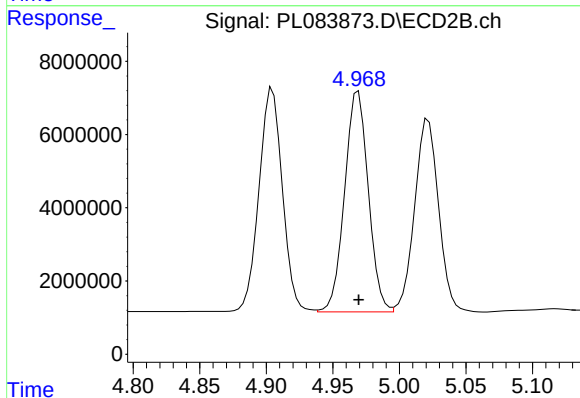
#11 alpha-Chlordane

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 136833631
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

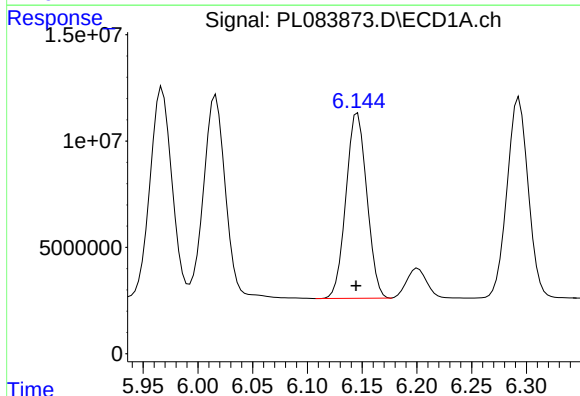
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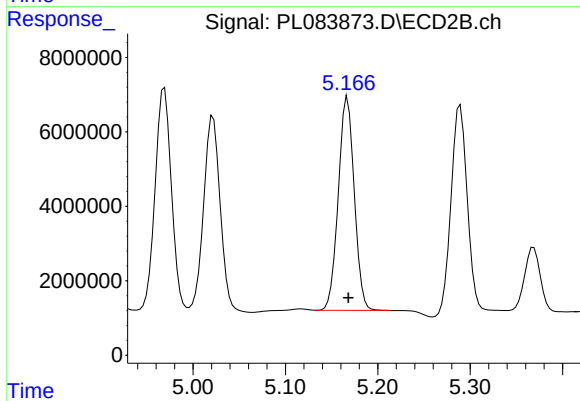
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 74762353
Conc: 55.50 ng/ml



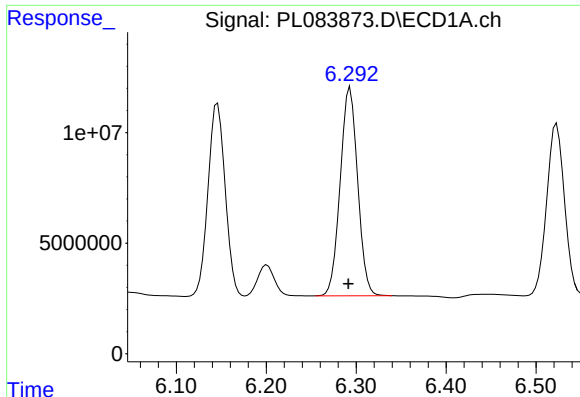
#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 115565283
Conc: 57.44 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 68972120
Conc: 56.15 ng/ml



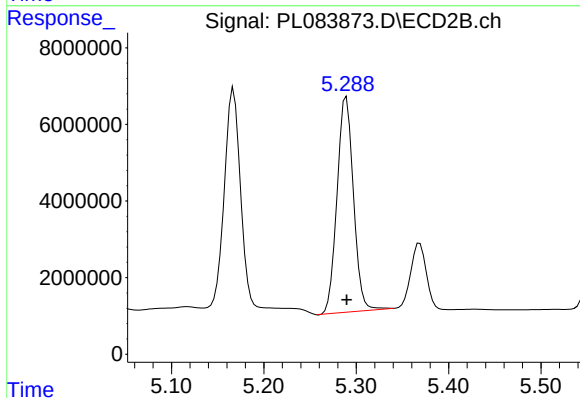
#13 Dieldrin

R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 126954746
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

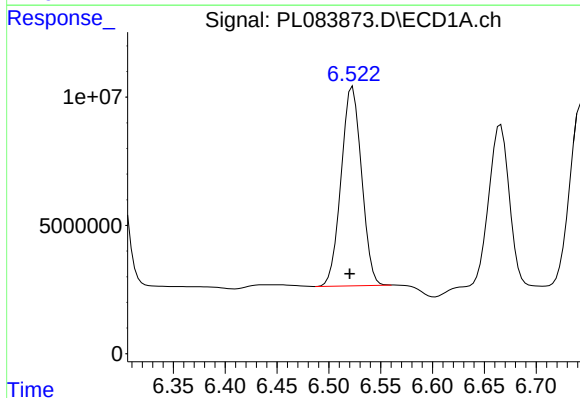
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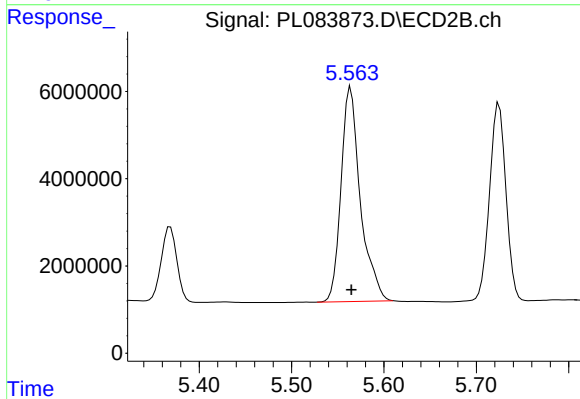
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 69613137
Conc: 53.45 ng/ml



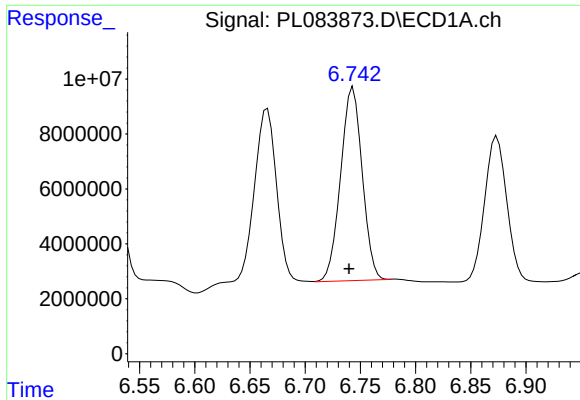
#14 Endrin

R.T.: 6.522 min
Delta R.T.: 0.001 min
Response: 106447779
Conc: 55.89 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 71459259
Conc: 65.01 ng/ml



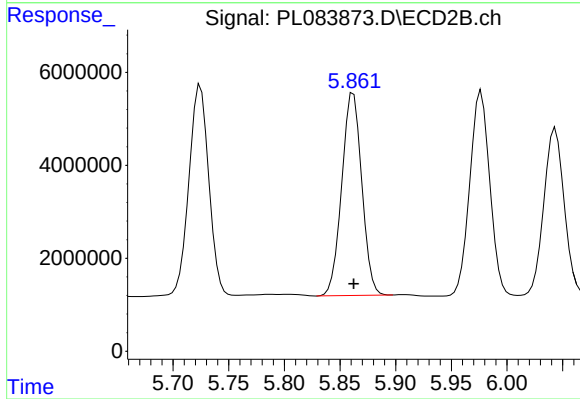
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 95861781
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

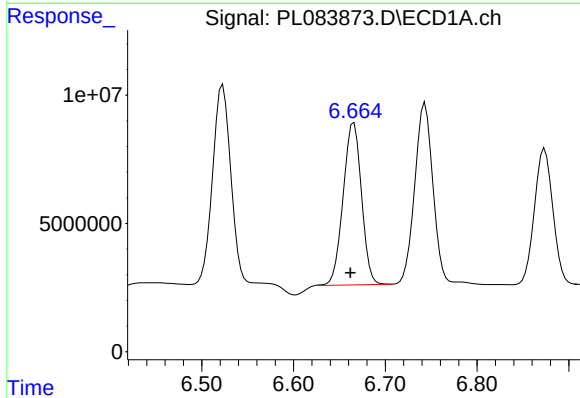
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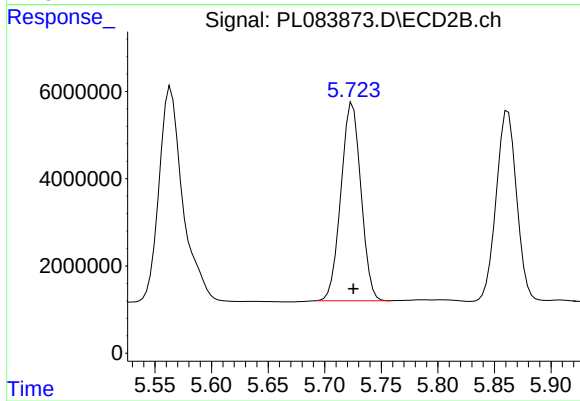
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 54585949
Conc: 47.49 ng/ml



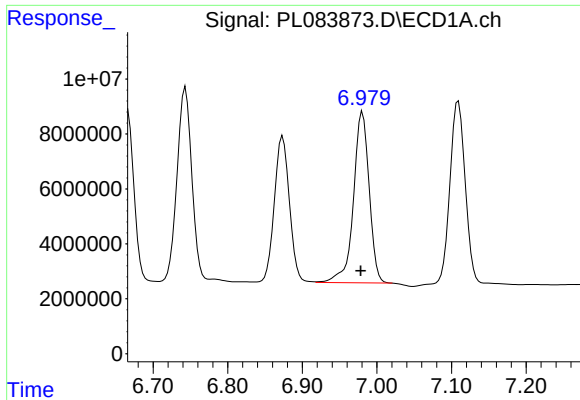
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 87519894
Conc: 59.60 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 55875901
Conc: 58.24 ng/ml



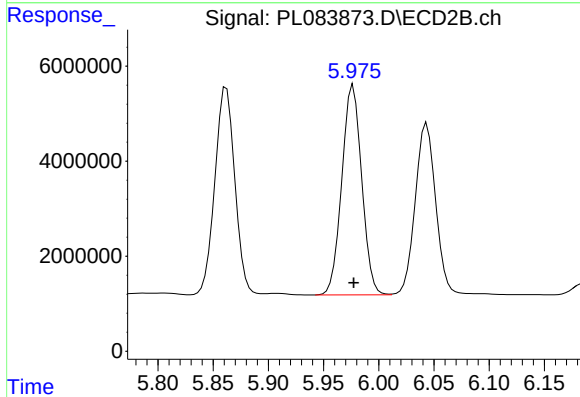
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 91387791
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

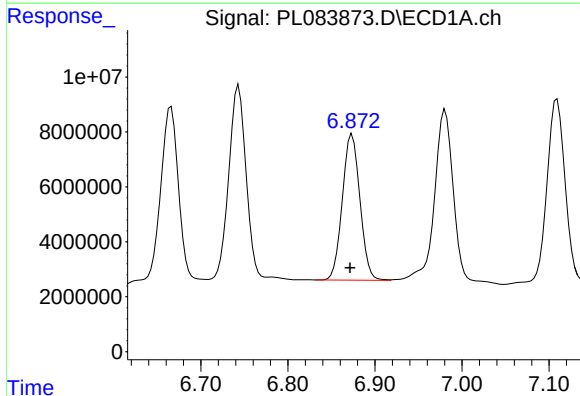
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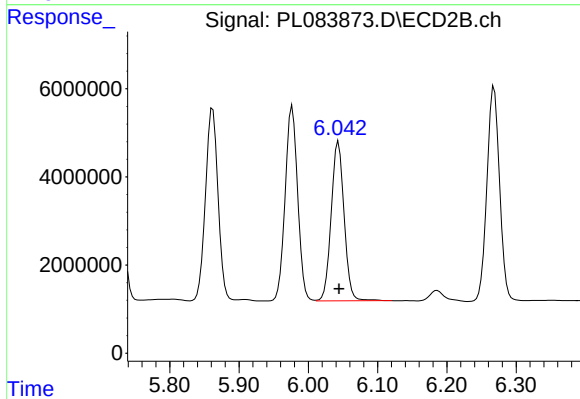
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 55385880
Conc: 60.81 ng/ml



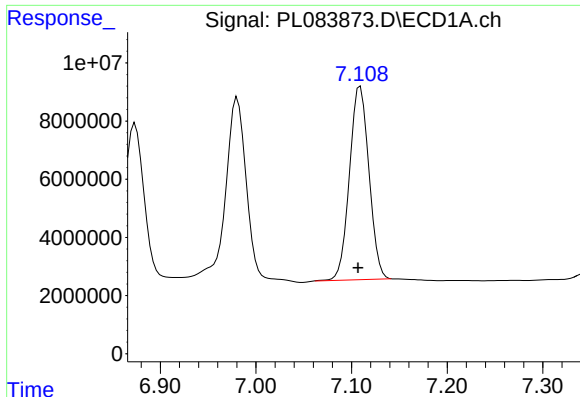
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 74671159
Conc: 50.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 46805905
Conc: 52.07 ng/ml



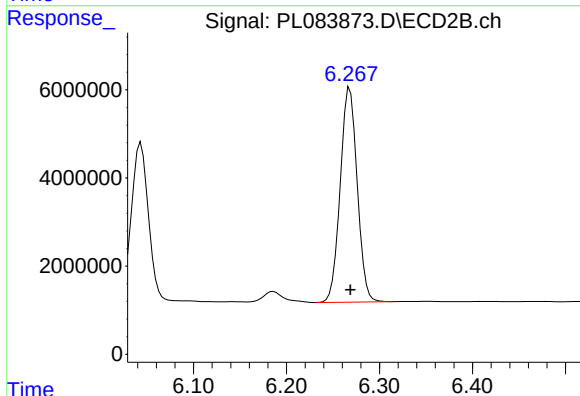
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.002 min
Response: 94503206
Conc: 54.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

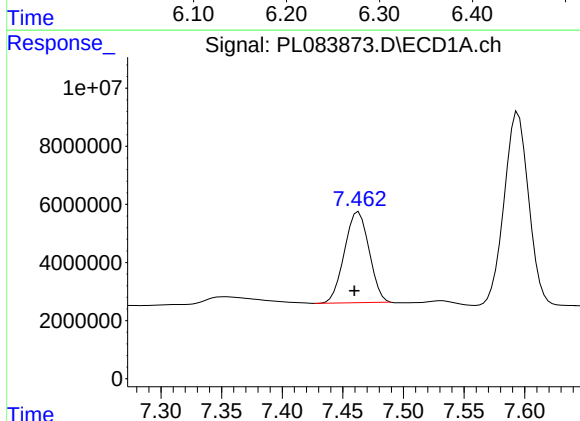
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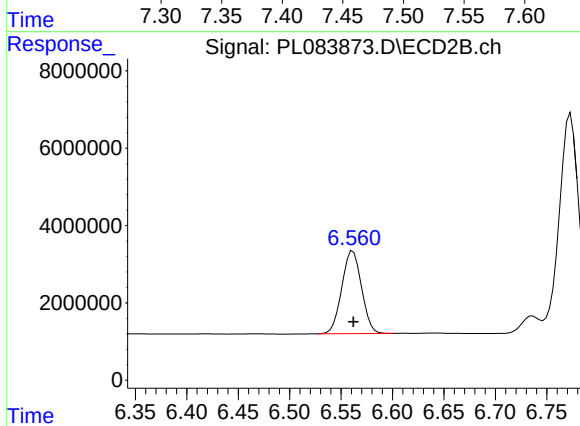
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 61763182
Conc: 56.20 ng/ml



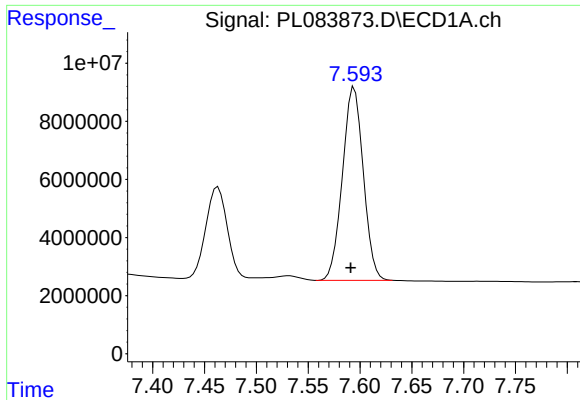
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 44174431
Conc: 56.47 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 28521073
Conc: 59.51 ng/ml



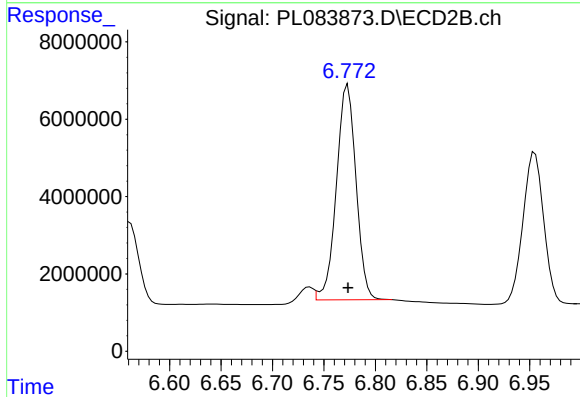
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.003 min
Response: 93267339
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

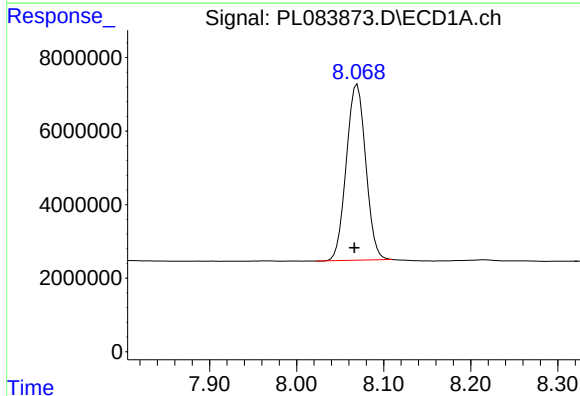
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Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



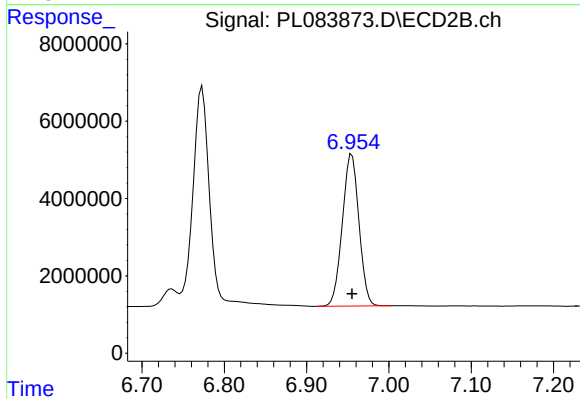
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 73608335
Conc: 56.97 ng/ml m



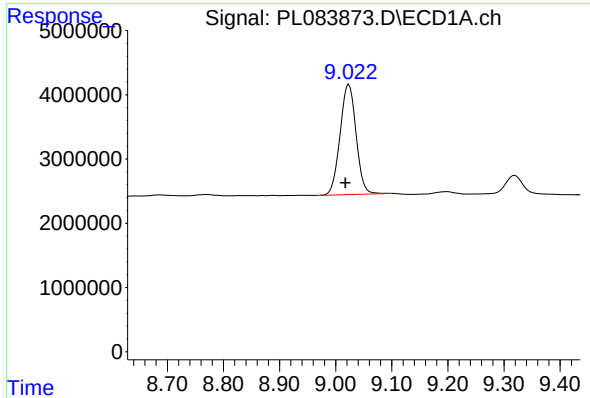
#22 Mirex

R.T.: 8.070 min
Delta R.T.: 0.003 min
Response: 74199509
Conc: 51.85 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 55210447
Conc: 54.09 ng/ml



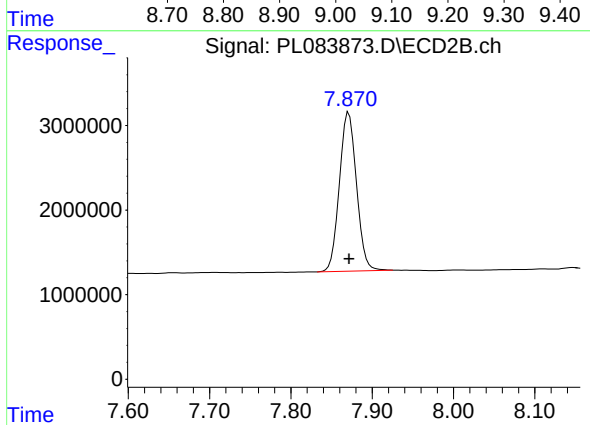
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 33985792
Conc: 26.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-WWS-08MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2023
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#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 27413073
Conc: 24.67 ng/ml