

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
 Data File : PL083759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 13:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/29/2023
 Supervised By :Ankita Jodhani 06/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:22:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.431	2.694	119.2E6	140.3E6	47.971	48.311
28)	SA Decachlor...	8.972	7.880	88277733	129.2E6	51.688	52.253
Target Compounds							
2)	A alpha-BHC	3.887	3.199	184.3E6	205.2E6	49.075	48.977
3)	MA gamma-BHC...	4.221	3.529	169.5E6	189.6E6	48.661	47.446
4)	MA Heptachlor	4.813	3.872	163.7E6	182.9E6	48.381	48.410
5)	MB Aldrin	5.154	4.152	166.9E6	176.2E6	48.531	49.274
6)	B beta-BHC	4.420	3.830	74499211	82943199	49.616	49.362
7)	B delta-BHC	4.667	4.059	169.1E6	186.8E6	49.288	49.168
8)	B Heptachlo...	5.584	4.659	158.9E6	165.0E6	46.997m	49.091
9)	A Endosulfan I	5.971	5.030	146.1E6	153.1E6	47.332	49.509
10)	B gamma-Chl...	5.841	4.912	159.7E6	169.3E6	47.435m	49.690
11)	B alpha-Chl...	5.922	4.977	158.5E6	168.5E6	48.082	49.766
12)	B 4,4'-DDE	6.103	5.175	139.1E6	144.4E6	48.612	51.630
13)	MA Dieldrin	6.248	5.296	145.9E6	157.2E6	47.173	49.804
14)	MA Endrin	6.478	5.572	120.5E6	138.0E6	45.668	51.846
15)	B Endosulfa...	6.698	5.869	114.4E6	128.1E6	47.918	49.970
16)	A 4,4'-DDD	6.621	5.732	113.1E6	124.5E6	52.224	57.437
17)	MA 4,4'-DDT	6.938	5.985	109.8E6	122.3E6	46.761	49.314
18)	B Endrin al...	6.829	6.051	90694781	102.5E6	49.009	50.115
19)	B Endosulfa...	7.065	6.276	119.0E6	133.4E6	49.280	51.242
20)	A Methoxychlor	7.421	6.570	54521002	64582508	47.137	51.008
21)	B Endrin ke...	7.550	6.781	121.5E6	141.9E6	52.307	48.971
22)	Mirex	8.026	6.964	92642705	128.1E6	48.648	50.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
Data File : PL083759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2023 13:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

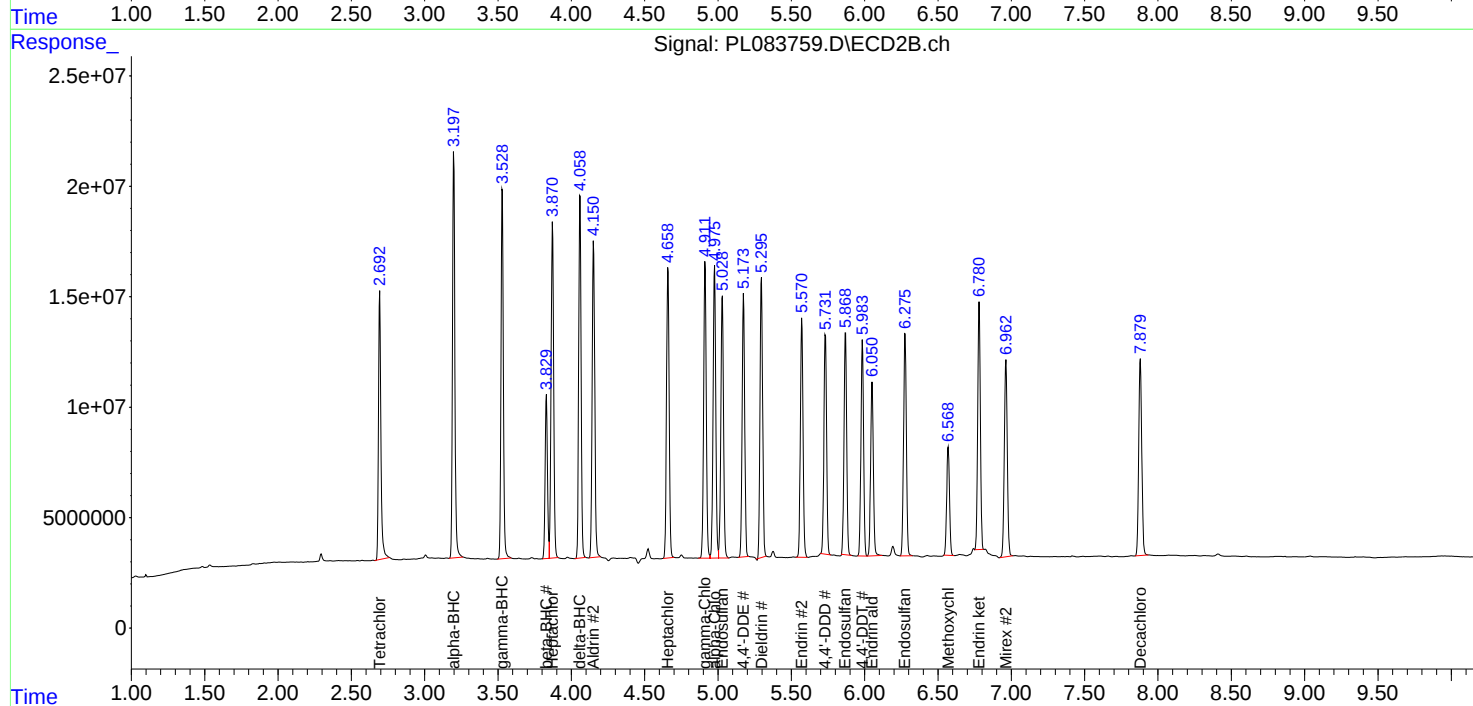
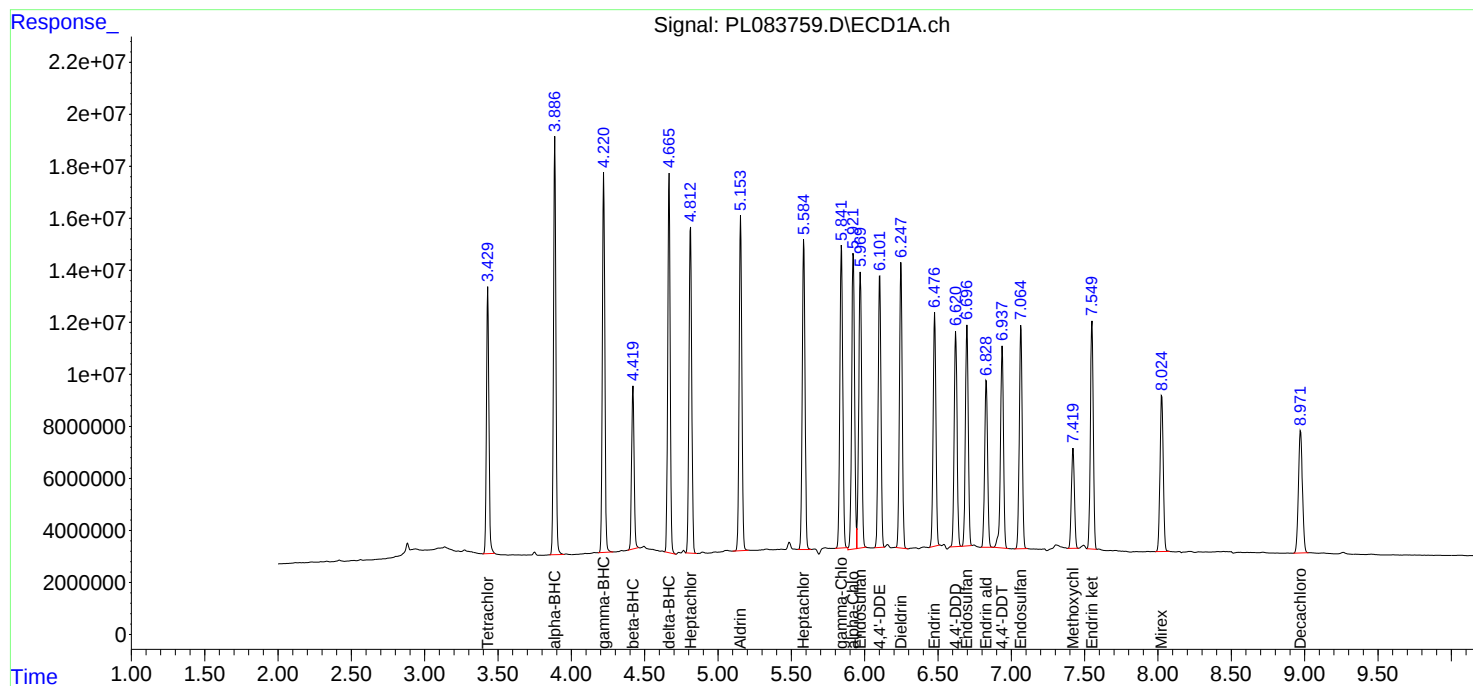
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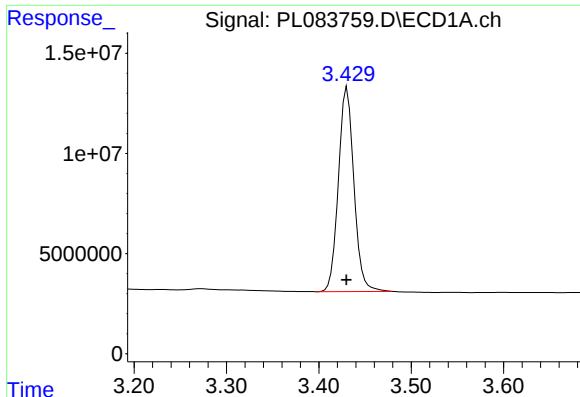
Reviewed By :Abdul Mirza 06/29/2023

Supervised By :Ankita Jodhani 06/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 29 02:22:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 2023
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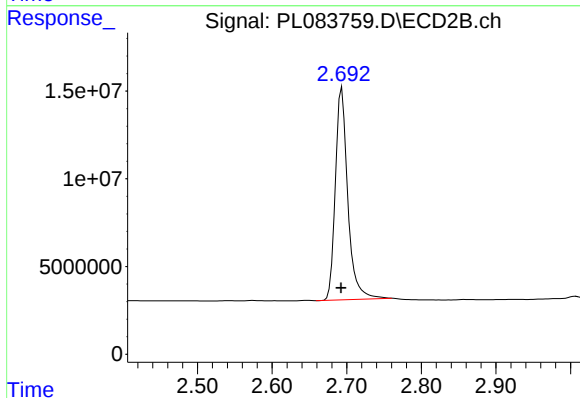
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: 0.000 min
Response: 119190366
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

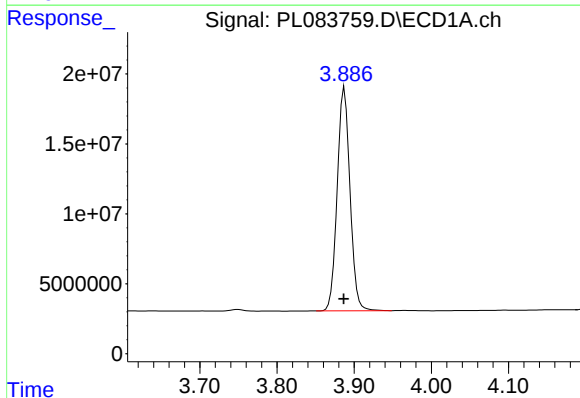
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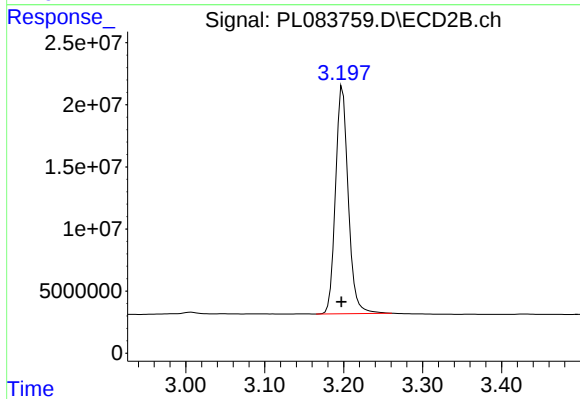
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: 0.001 min
Response: 140274097
Conc: 48.31 ng/ml



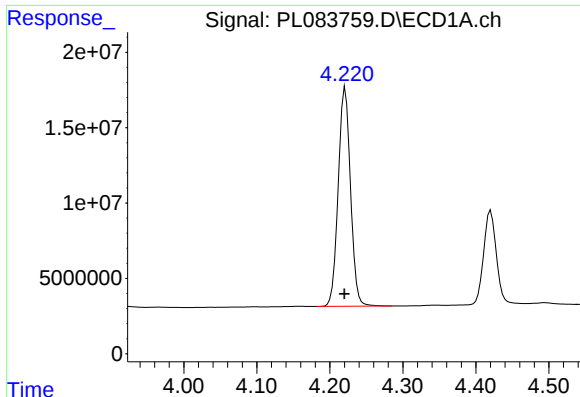
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 184276188
Conc: 49.08 ng/ml



#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.001 min
Response: 205232816
Conc: 48.98 ng/ml



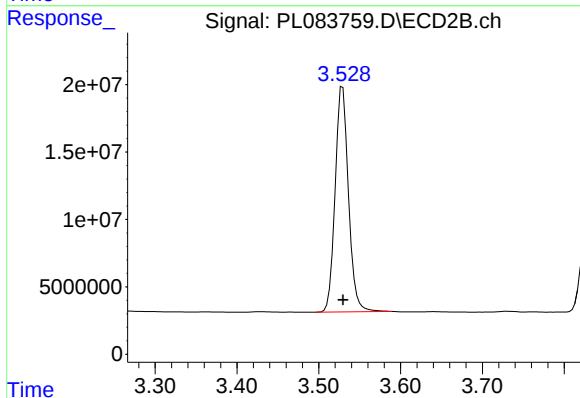
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.001 min
Response: 169526318
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

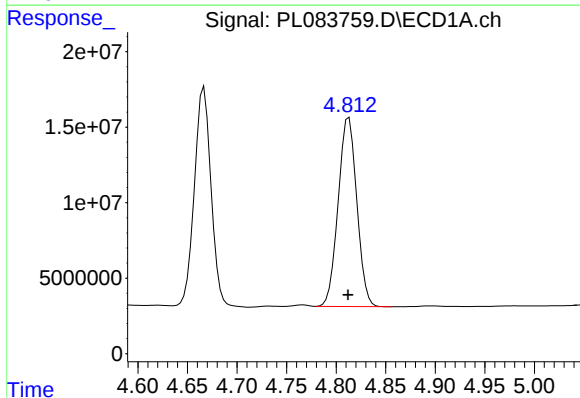
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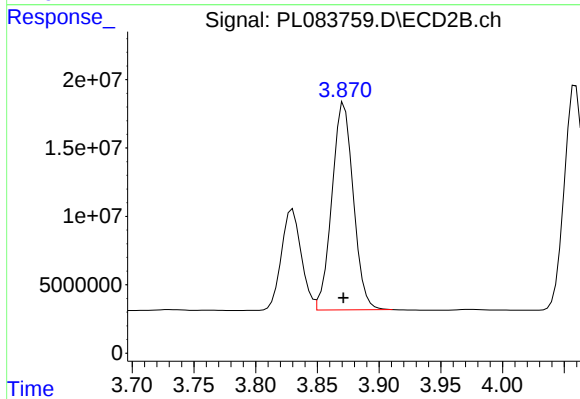
#3 gamma-BHC (Lindane)

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 189629390
Conc: 47.45 ng/ml



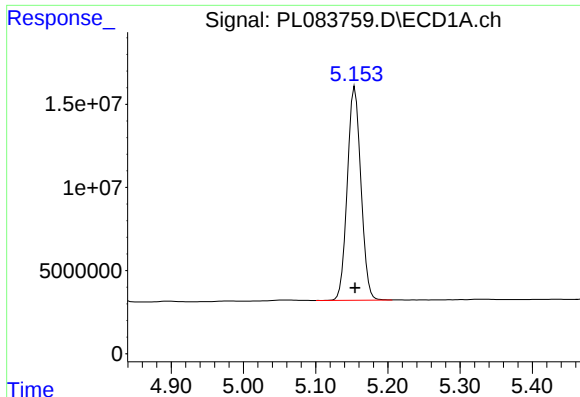
#4 Heptachlor

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 163737628
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 182932475
Conc: 48.41 ng/ml



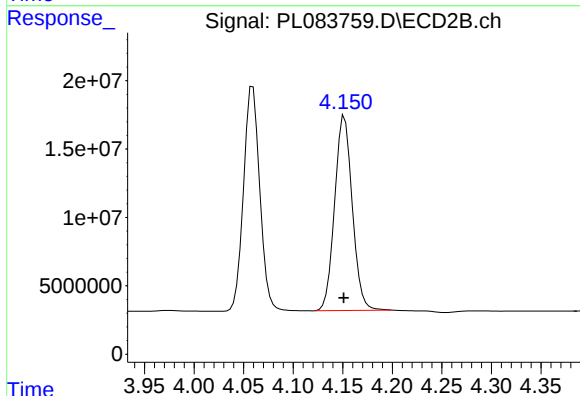
#5 Aldrin

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 166901628
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

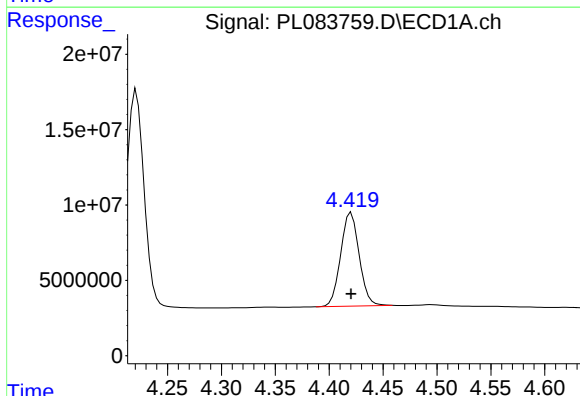
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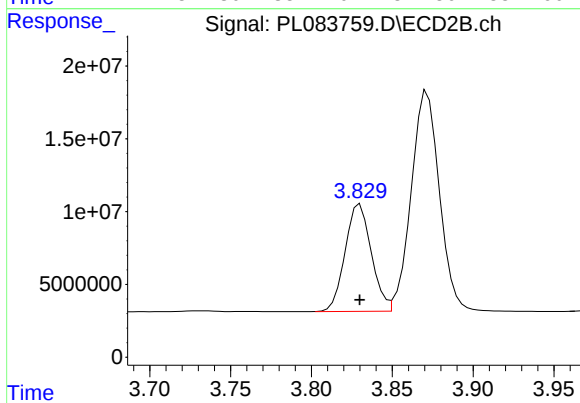
#5 Aldrin

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 176249796
Conc: 49.27 ng/ml



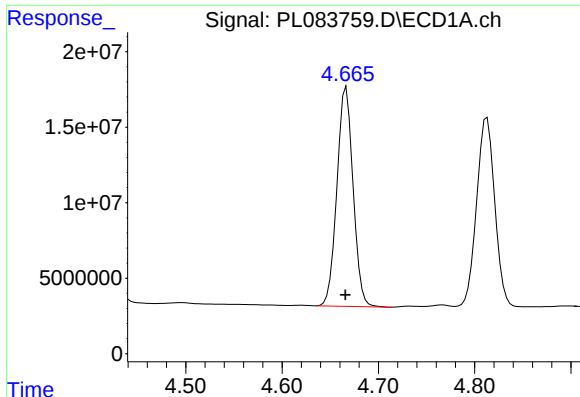
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 74499211
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 82943199
Conc: 49.36 ng/ml



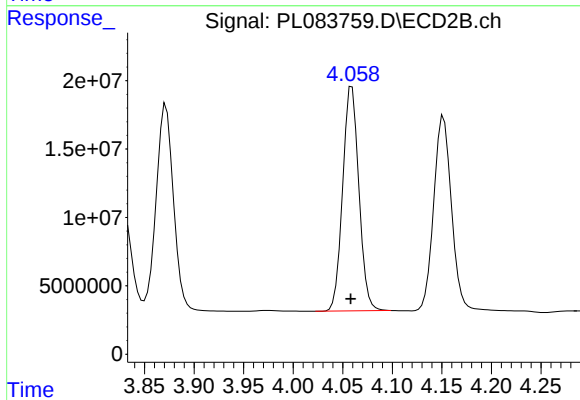
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: 0.001 min
Response: 169125996
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

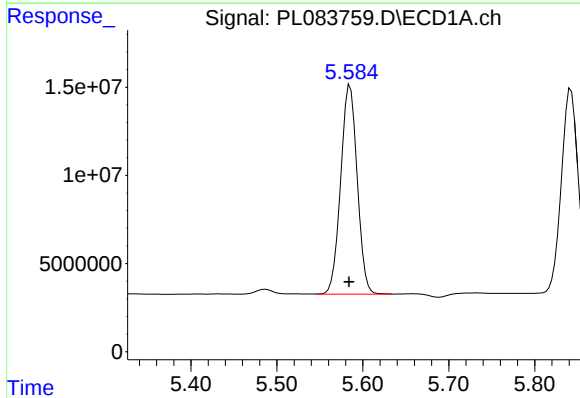
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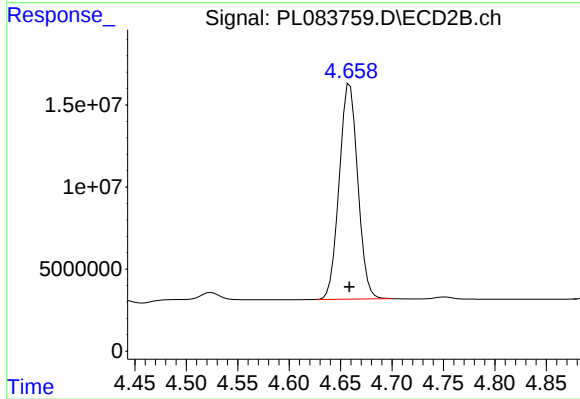
#7 delta-BHC

R.T.: 4.059 min
Delta R.T.: 0.001 min
Response: 186813571
Conc: 49.17 ng/ml



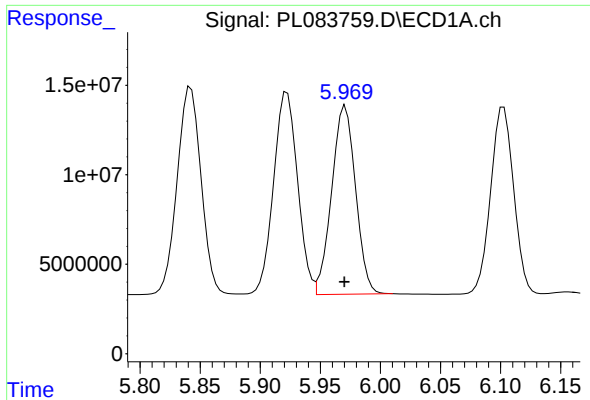
#8 Heptachlor epoxide

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 158890968
Conc: 47.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 164967958
Conc: 49.09 ng/ml



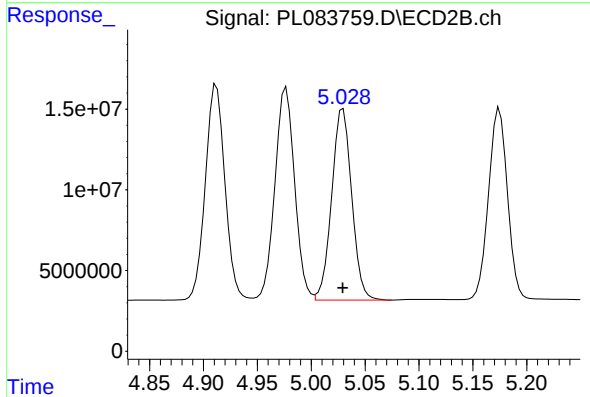
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 146052006
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

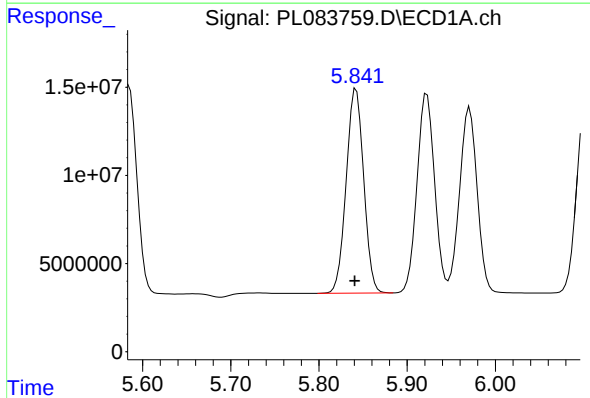
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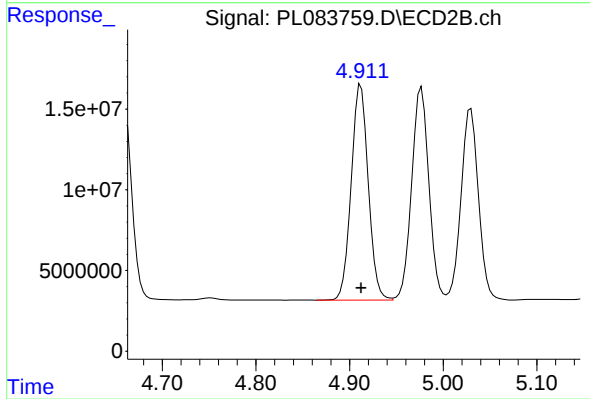
#9 Endosulfan I

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 153143378
Conc: 49.51 ng/ml



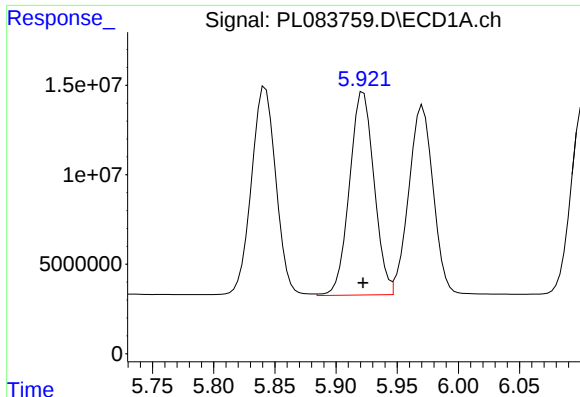
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 159682294
Conc: 47.43 ng/ml m



#10 gamma-Chlordane

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 169274377
Conc: 49.69 ng/ml



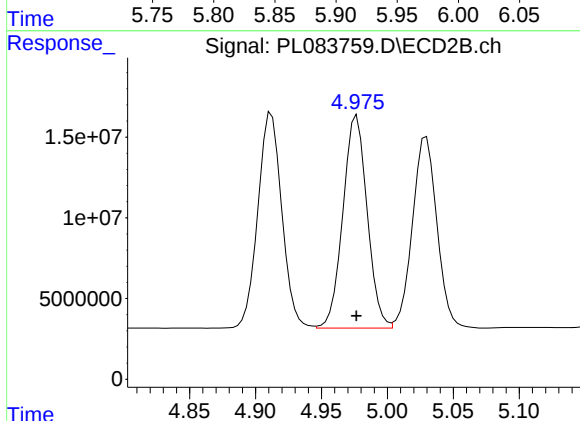
#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 158473670
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

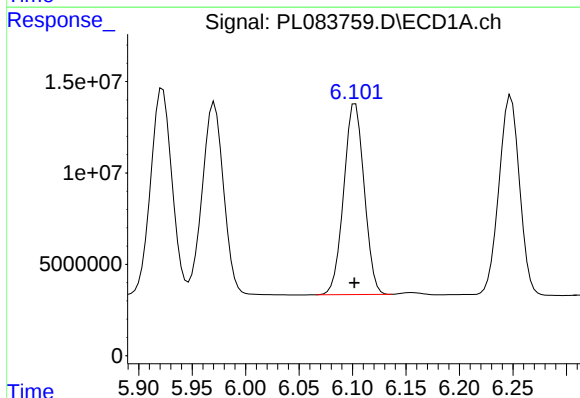
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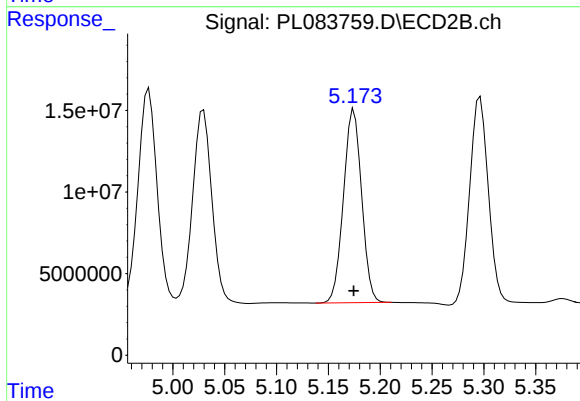
#11 alpha-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 168536764
Conc: 49.77 ng/ml



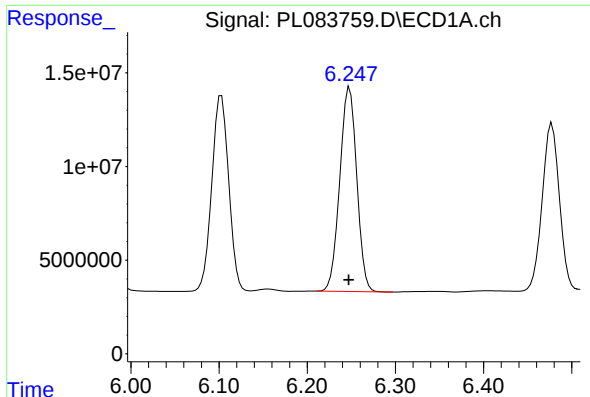
#12 4,4'-DDE

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 139132841
Conc: 48.61 ng/ml



#12 4,4'-DDE

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 144376075
Conc: 51.63 ng/ml



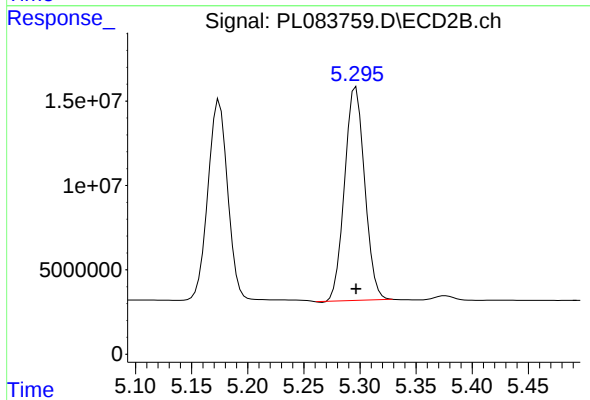
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: 0.001 min
Response: 145939397
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

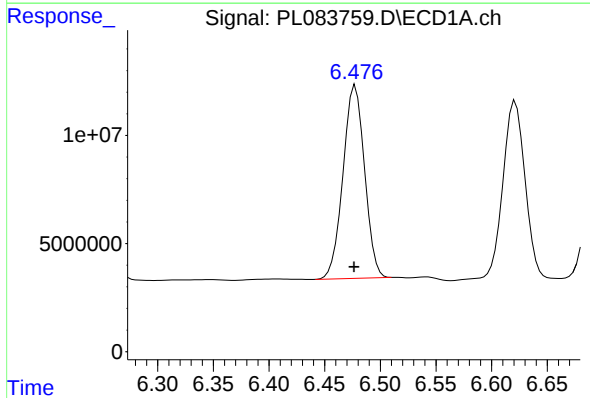
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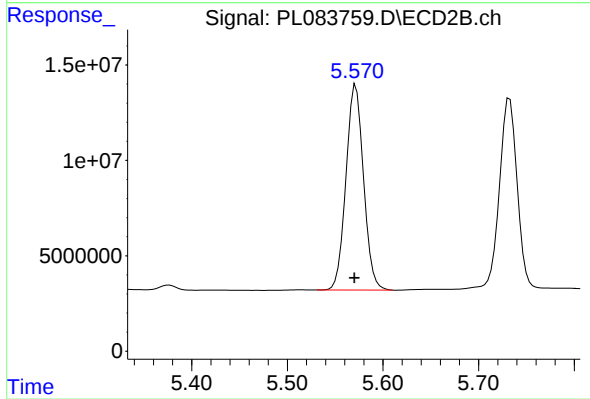
#13 Dieldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 157202647
Conc: 49.80 ng/ml



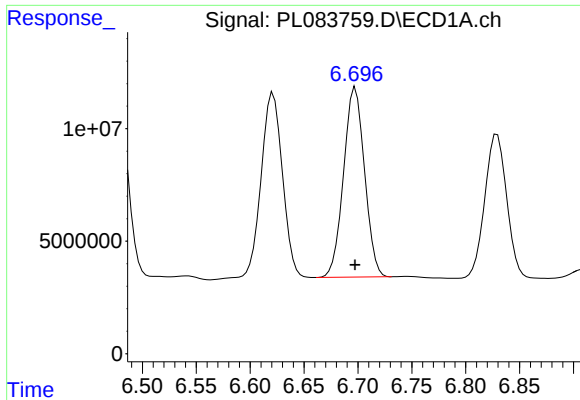
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 120493963
Conc: 45.67 ng/ml



#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 137965585
Conc: 51.85 ng/ml



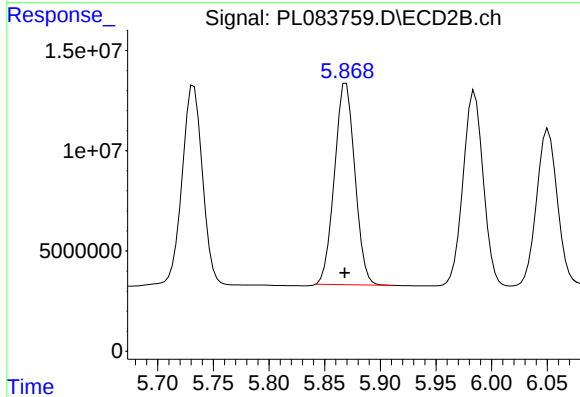
#15 Endosulfan II

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 114388417
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

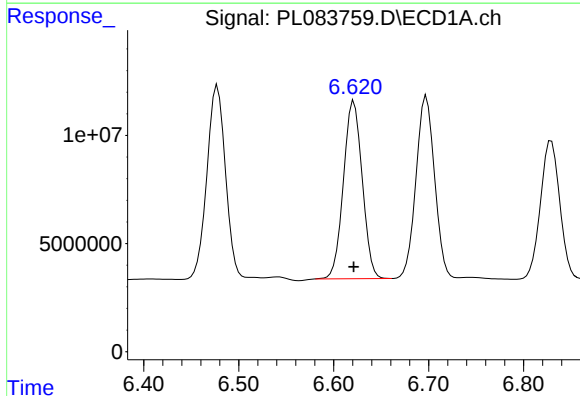
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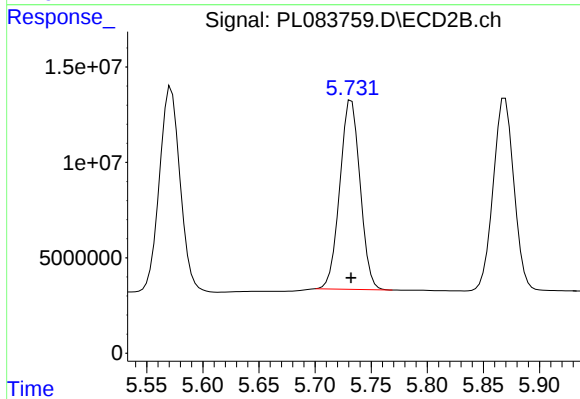
#15 Endosulfan II

R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 128058297
Conc: 49.97 ng/ml



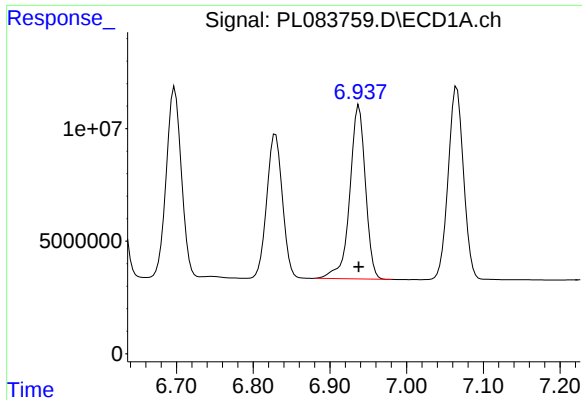
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 113053100
Conc: 52.22 ng/ml



#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 124542161
Conc: 57.44 ng/ml



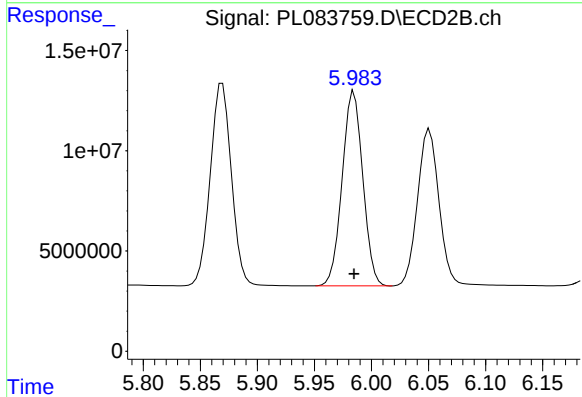
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 109827253
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

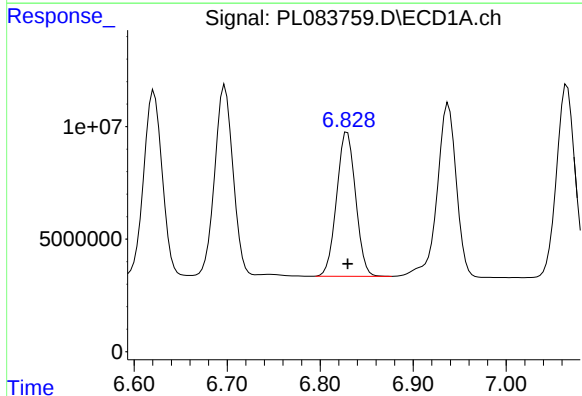
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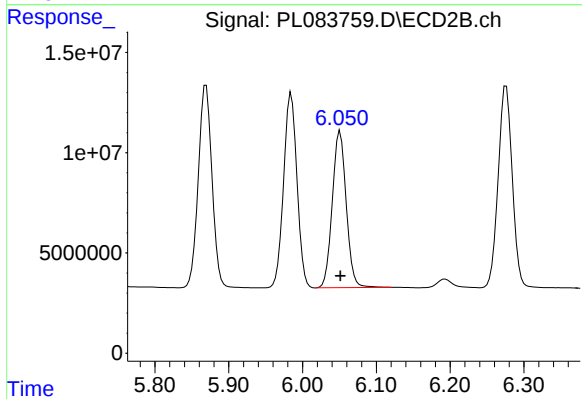
#17 4,4'-DDT

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 122313042
Conc: 49.31 ng/ml



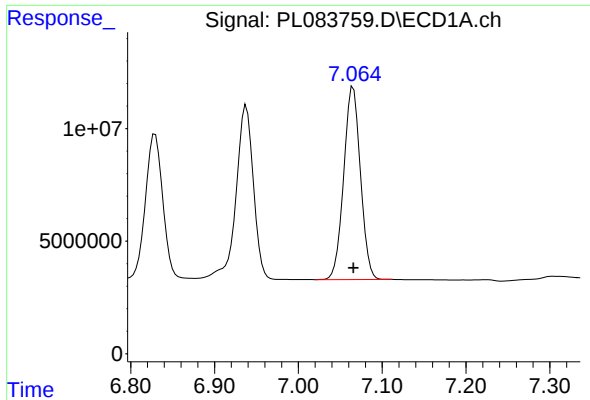
#18 Endrin aldehyde

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 90694781
Conc: 49.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 102484122
Conc: 50.11 ng/ml



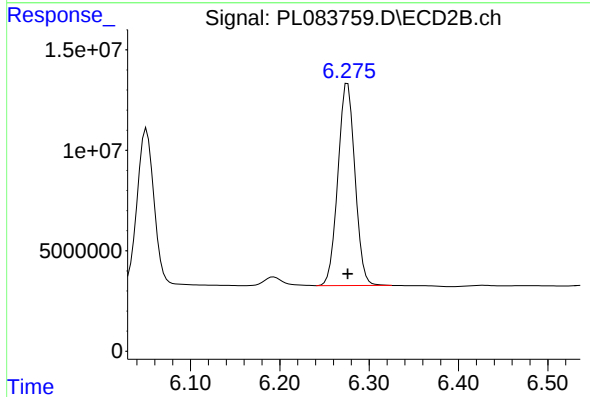
#19 Endosulfan Sulfate

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 119002152
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

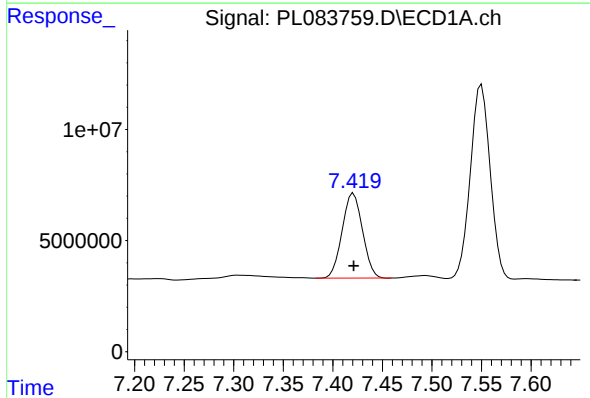
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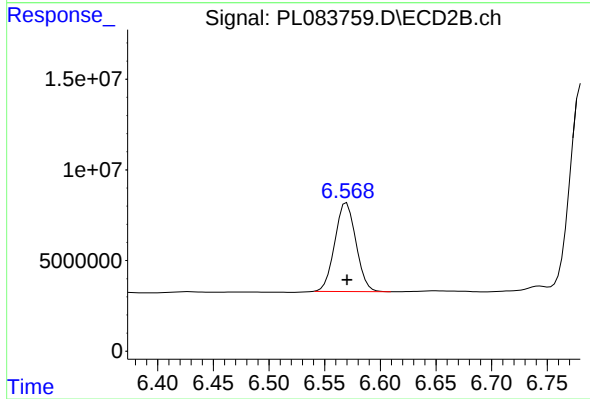
#19 Endosulfan Sulfate

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 133356425
Conc: 51.24 ng/ml



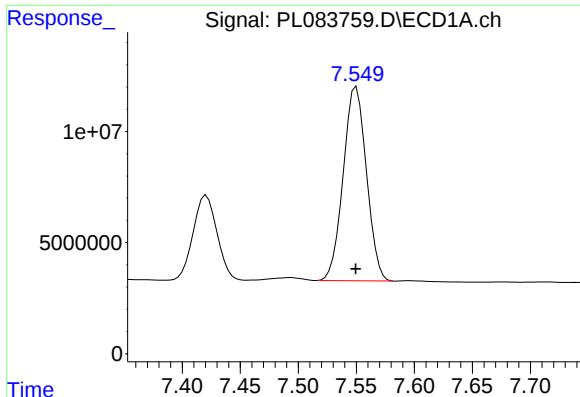
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 54521002
Conc: 47.14 ng/ml



#20 Methoxychlor

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 64582508
Conc: 51.01 ng/ml



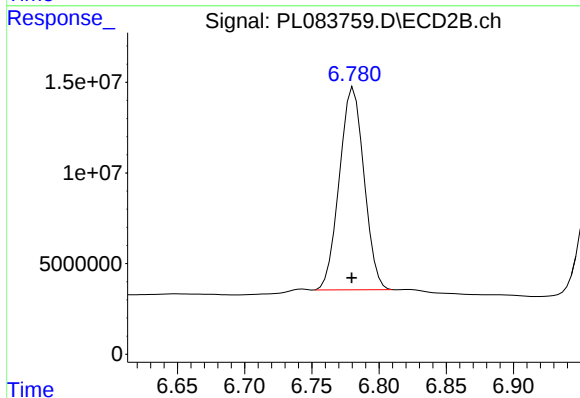
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 121507946
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

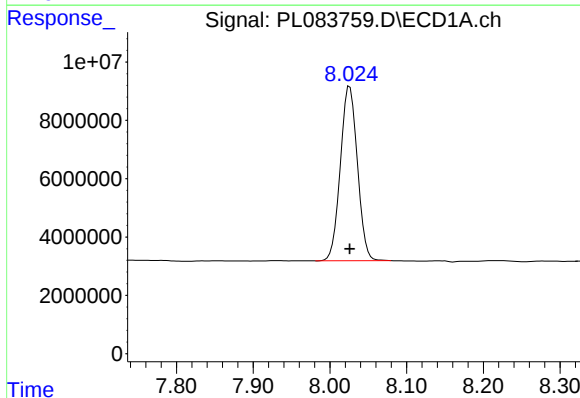
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/29/2023
Supervised By :Ankita Jodhani 06/29/2023



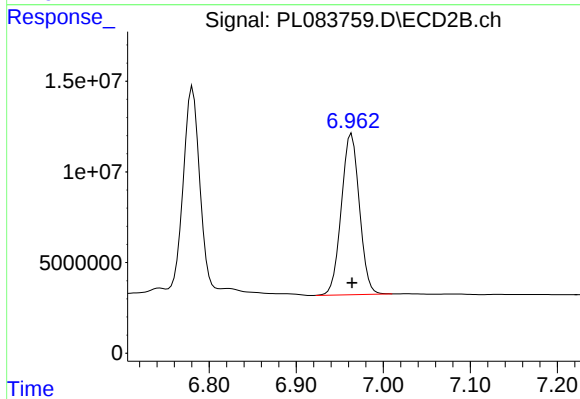
#21 Endrin ketone

R.T.: 6.781 min
Delta R.T.: 0.001 min
Response: 141948359
Conc: 48.97 ng/ml



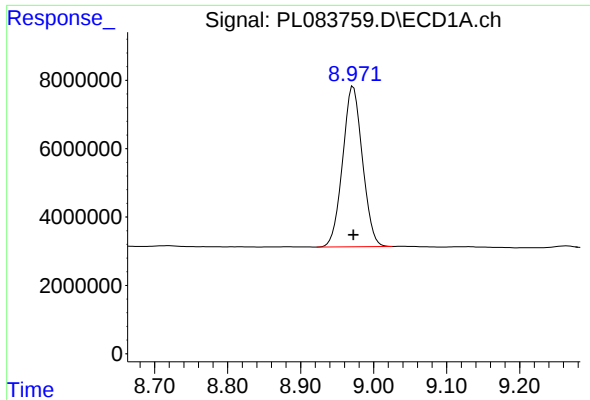
#22 Mirex

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 92642705
Conc: 48.65 ng/ml



#22 Mirex

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 128086461
Conc: 50.69 ng/ml



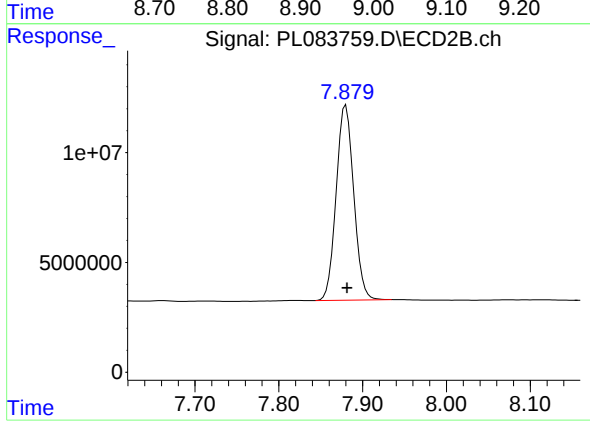
#28 Decachlorobiphenyl

R.T.: 8.972 min
Delta R.T.: 0.000 min
Response: 88277733
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 129198257
Conc: 52.25 ng/ml