

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122122\
 Data File : PL079815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2022 09:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2022
 Supervised By :Ankita Jodhani 12/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 11:24:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122022.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 21 10:00:39 2022
 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...	3.324	2.561	119.0E6	139.7E6	54.127	52.609
28)	SA Decachlor...	8.772	7.631	94433948	108.9E6	50.915	45.366
Target Compounds							
2)	A alpha-BHC	3.785	3.048	186.1E6	222.7E6	55.216	51.538
3)	MA gamma-BHC...	4.119	3.369	171.3E6	200.0E6	53.628	51.075
4)	MA Heptachlor	4.689	3.696	179.5E6	201.6E6	55.020	49.656
5)	MB Aldrin	5.026	3.967	160.0E6	185.5E6	53.055	48.402
6)	B beta-BHC	4.334	3.670	71332959	73364140	52.071	48.377
7)	B delta-BHC	4.574	3.889	155.7E6	197.3E6	57.962	49.562
8)	B Heptachlo...	5.460	4.465	144.5E6	167.6E6	54.562	48.019
9)	A Endosulfan I	5.843	4.827	138.8E6	159.8E6	53.452	47.684
10)	B gamma-Chl...	5.715	4.713	149.4E6	169.3E6	53.830	48.477
11)	B alpha-Chl...	5.791	4.774	148.9E6	165.2E6	53.548	48.091
12)	B 4,4'-DDE	5.975	4.969	128.9E6	153.1E6	53.455	47.617
13)	MA Dieldrin	6.121	5.089	141.8E6	162.1E6	53.732	46.832
14)	MA Endrin	6.352	5.360	121.7E6	146.3E6	52.040	51.490
15)	B Endosulfa...	6.582	5.657	119.2E6	135.9E6	48.935	46.147
16)	A 4,4'-DDD	6.500	5.521	108.4E6	125.1E6	55.282	49.119
17)	MA 4,4'-DDT	6.809	5.767	116.3E6	128.3E6	51.936	47.344
18)	B Endrin al...	6.713	5.835	94447919	105.4E6	53.088	46.980
19)	B Endosulfa...	6.946	6.059	120.7E6	137.9E6	52.591	47.528
20)	A Methoxychlor	7.294	6.344	61398364	62953435	52.089	44.394
21)	B Endrin ke...	7.431	6.554	129.0E6	153.4E6	52.835m	48.028
22)	Mirex	7.888	6.726	95876852	113.2E6	50.031	46.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122122\
Data File : PL079815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2022 09:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

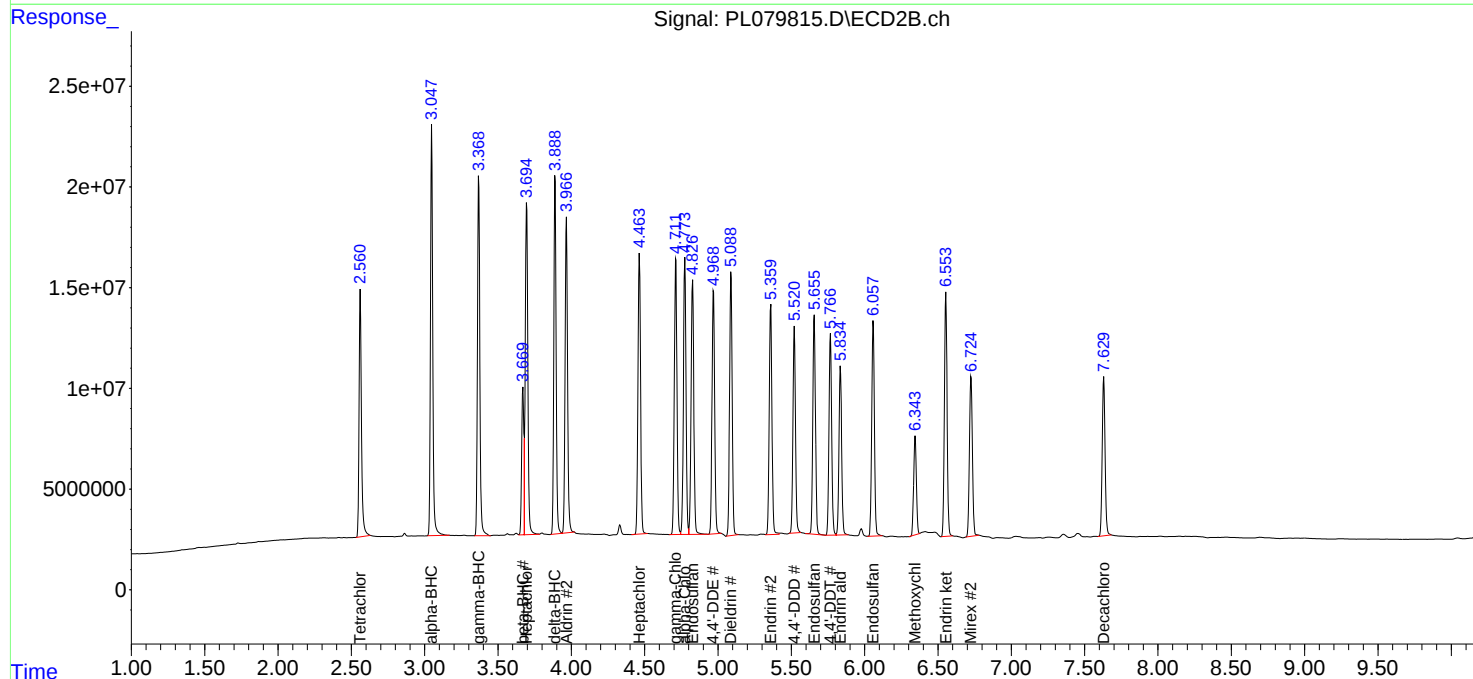
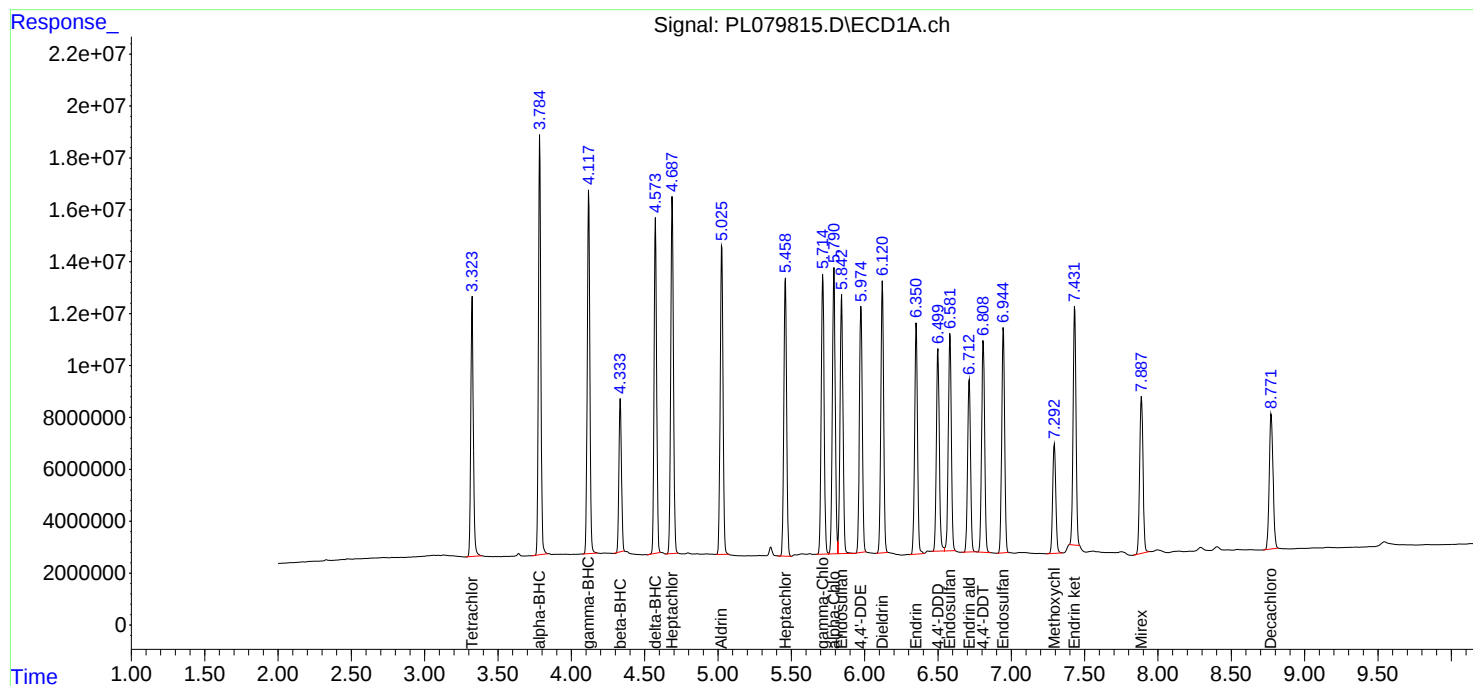
APPROVED

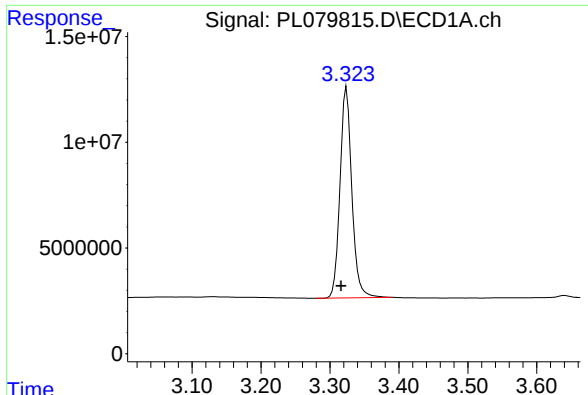
Reviewed By :Abdul Mirza 12/22/2022

Supervised By :Ankita Jodhani 12/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 11:24:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122022.M
Quant Title : GC Extractables
QLast Update : Wed Dec 21 10:00:39 2022
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





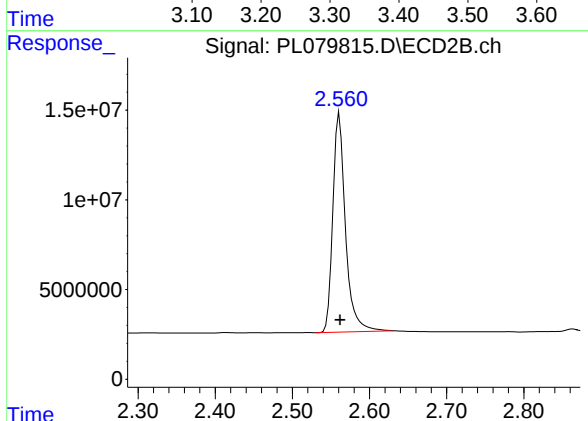
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.008 min
Response: 118953992
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

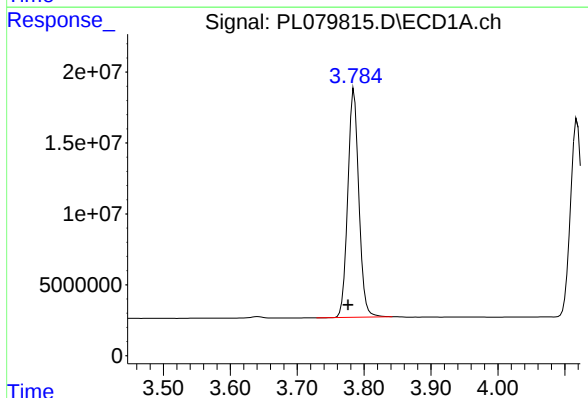
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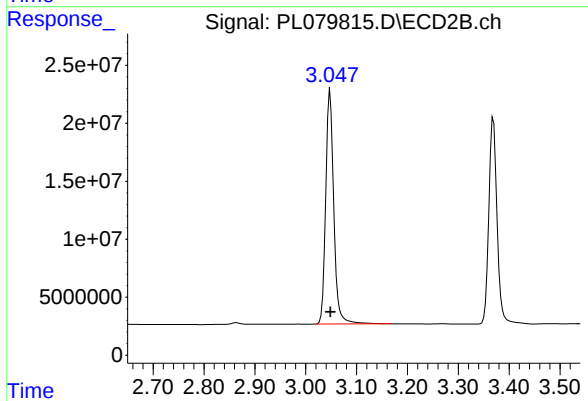
#1 Tetrachloro-m-xylene

R.T.: 2.561 min
Delta R.T.: 0.000 min
Response: 139652472
Conc: 52.61 ng/ml



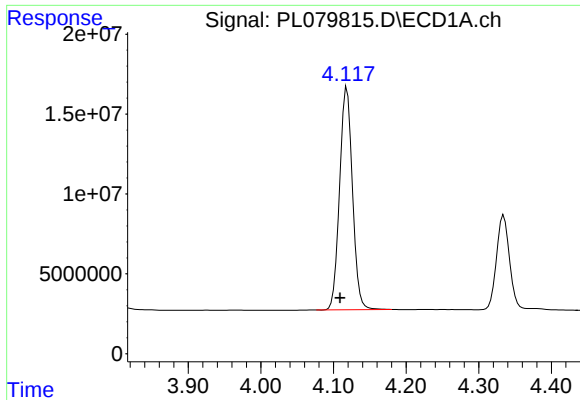
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.009 min
Response: 186146831
Conc: 55.22 ng/ml



#2 alpha-BHC

R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 222735684
Conc: 51.54 ng/ml



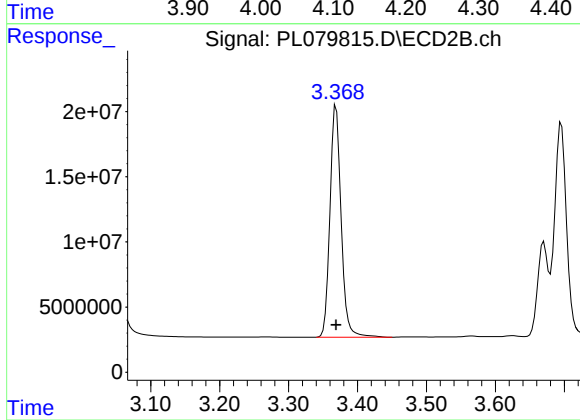
#3 gamma-BHC (Lindane)

R.T.: 4.119 min
Delta R.T.: 0.010 min
Response: 171349072
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

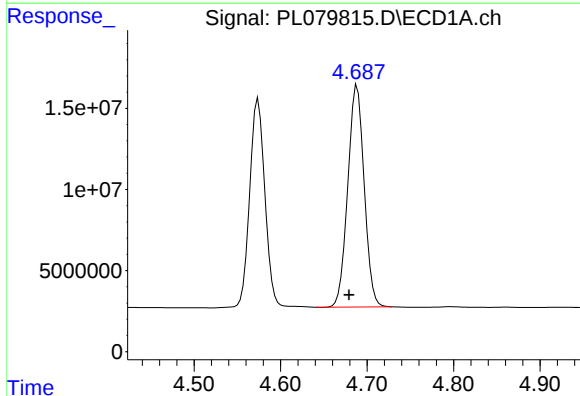
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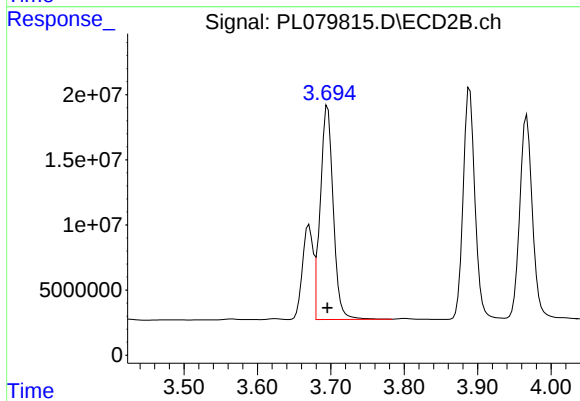
#3 gamma-BHC (Lindane)

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 200037551
Conc: 51.08 ng/ml



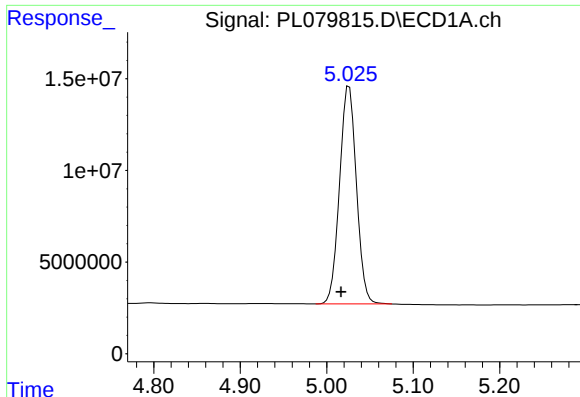
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: 0.009 min
Response: 179533212
Conc: 55.02 ng/ml



#4 Heptachlor

R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 201563368
Conc: 49.66 ng/ml



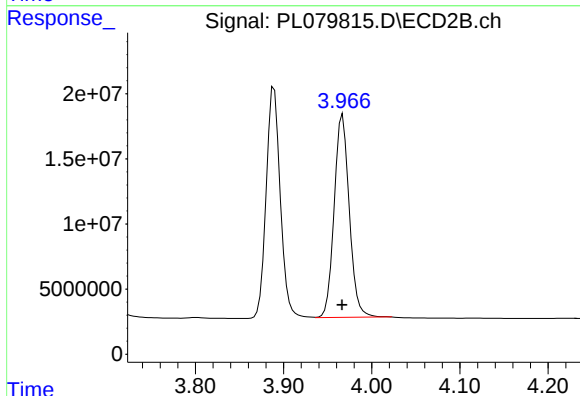
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.009 min
Response: 159981953
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

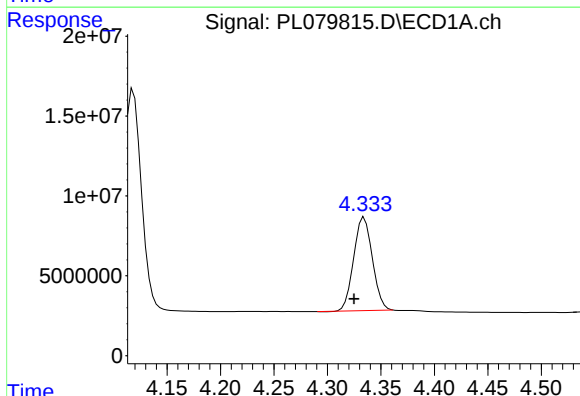
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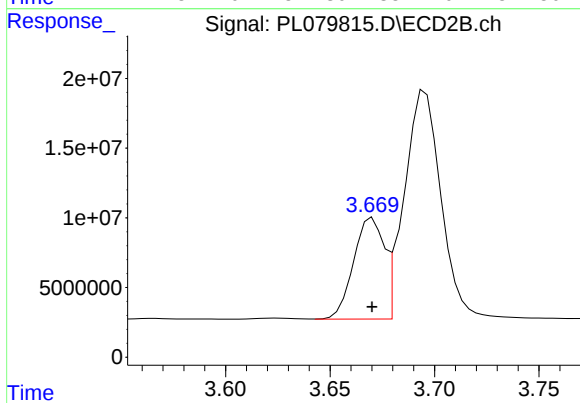
#5 Aldrin

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 185533268
Conc: 48.40 ng/ml



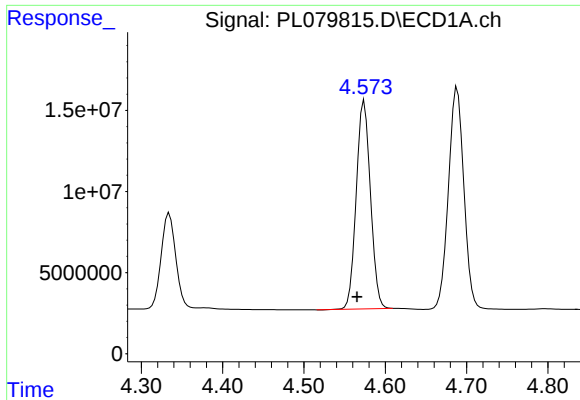
#6 beta-BHC

R.T.: 4.334 min
Delta R.T.: 0.010 min
Response: 71332959
Conc: 52.07 ng/ml



#6 beta-BHC

R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 73364140
Conc: 48.38 ng/ml



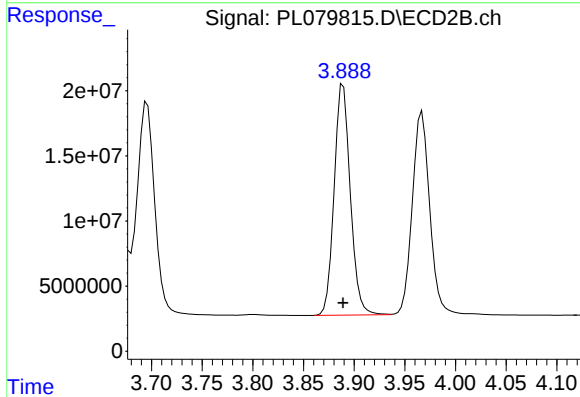
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: 0.009 min
Response: 155658608
Conc: 57.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

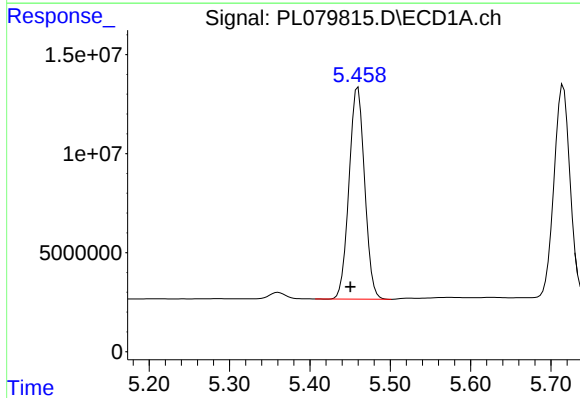
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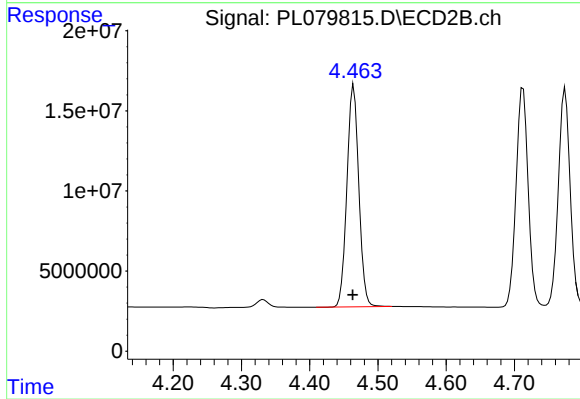
#7 delta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 197256144
Conc: 49.56 ng/ml



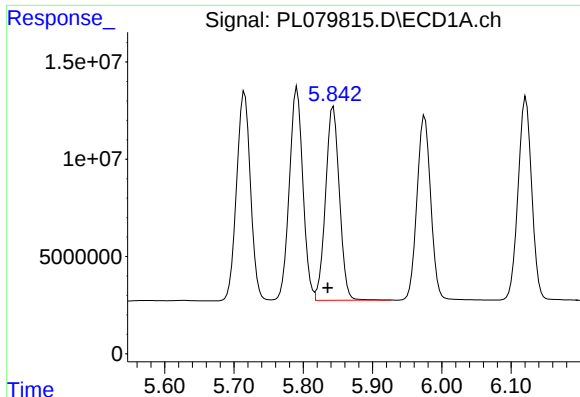
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.009 min
Response: 144457306
Conc: 54.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 167561676
Conc: 48.02 ng/ml



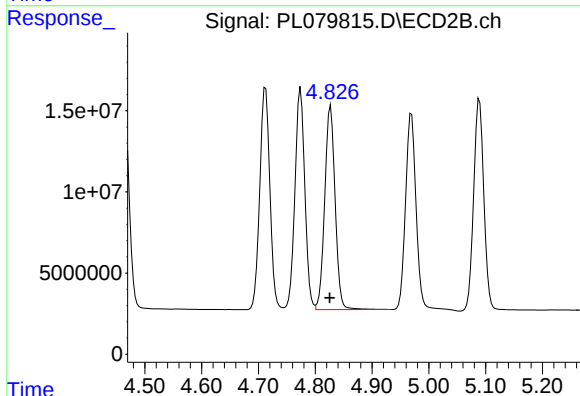
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: 0.008 min
Response: 138759096
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

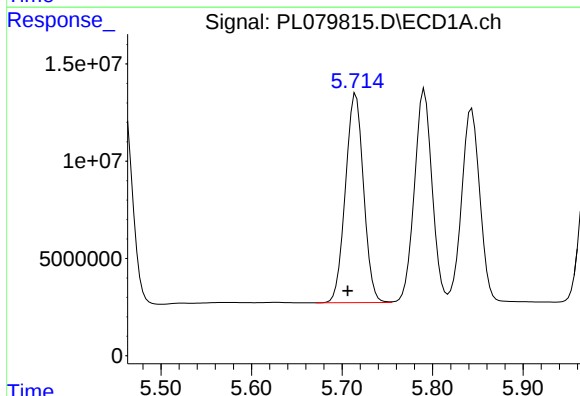
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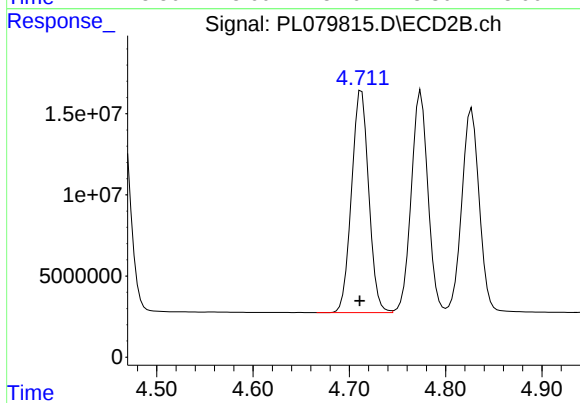
#9 Endosulfan I

R.T.: 4.827 min
Delta R.T.: 0.001 min
Response: 159809588
Conc: 47.68 ng/ml



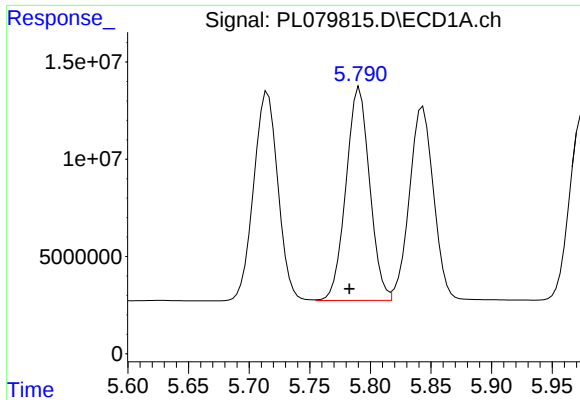
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: 0.009 min
Response: 149443059
Conc: 53.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.713 min
Delta R.T.: 0.002 min
Response: 169334377
Conc: 48.48 ng/ml



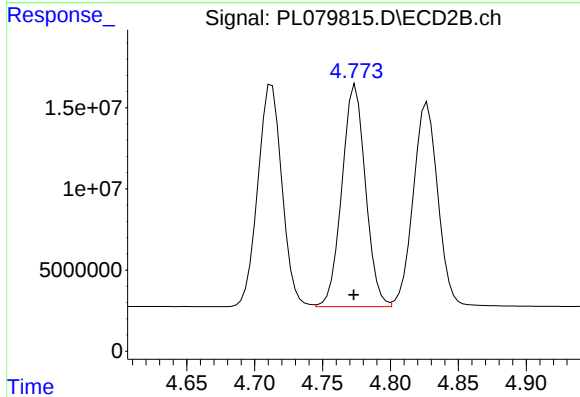
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.008 min
Response: 148935308
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

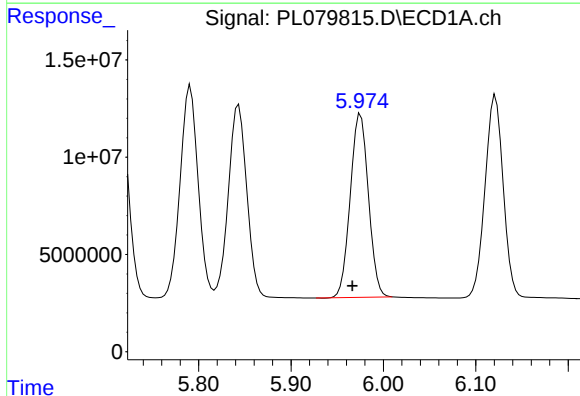
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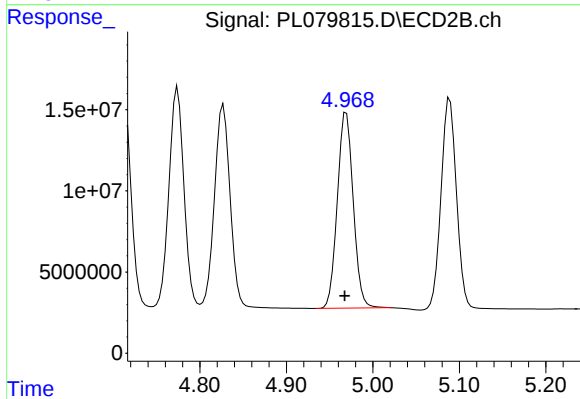
#11 alpha-Chlordane

R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 165174912
Conc: 48.09 ng/ml



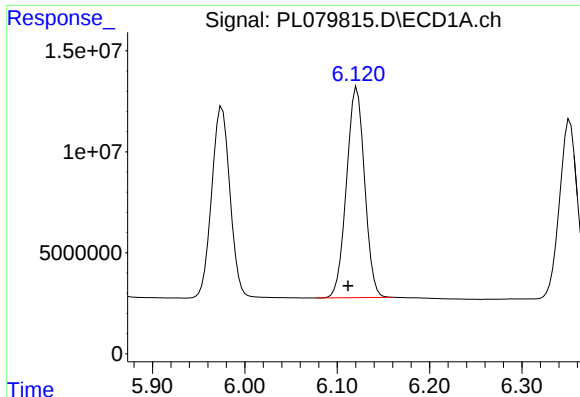
#12 4,4'-DDE

R.T.: 5.975 min
Delta R.T.: 0.009 min
Response: 128918908
Conc: 53.46 ng/ml



#12 4,4'-DDE

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 153106176
Conc: 47.62 ng/ml



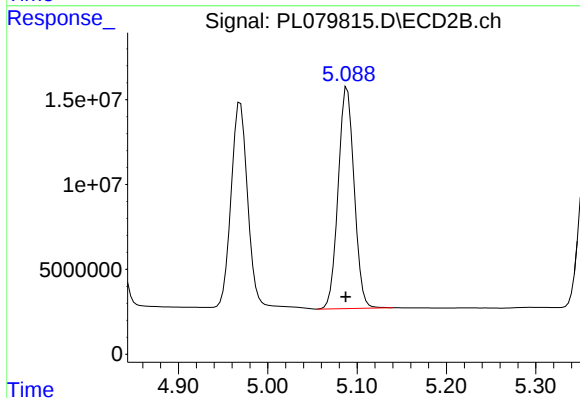
#13 Dieldrin

R.T.: 6.121 min
Delta R.T.: 0.010 min
Response: 141800030
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

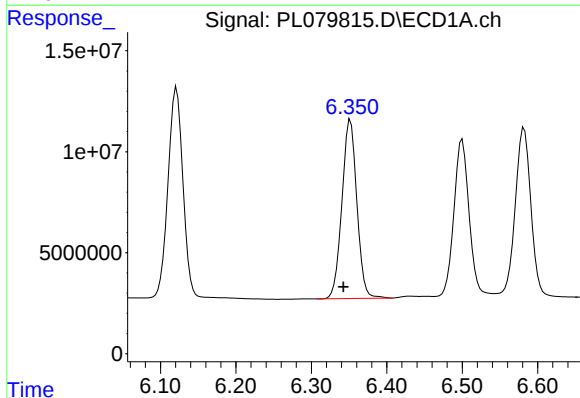
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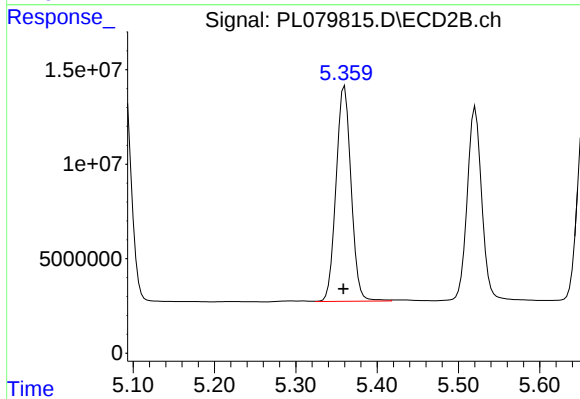
#13 Dieldrin

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 162071469
Conc: 46.83 ng/ml



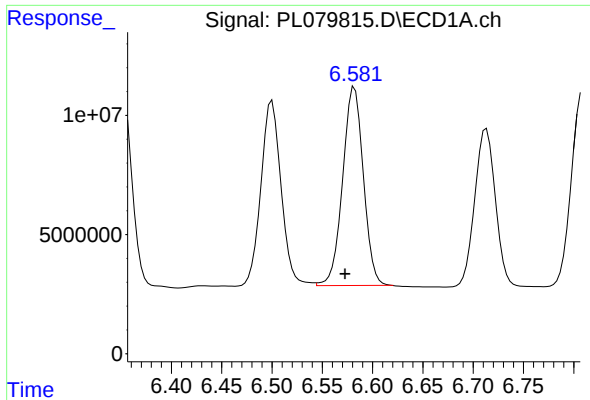
#14 Endrin

R.T.: 6.352 min
Delta R.T.: 0.009 min
Response: 121693401
Conc: 52.04 ng/ml



#14 Endrin

R.T.: 5.360 min
Delta R.T.: 0.002 min
Response: 146345882
Conc: 51.49 ng/ml



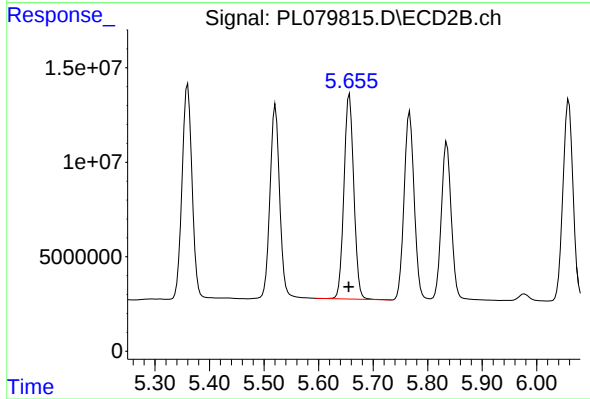
#15 Endosulfan II

R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 119220827
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

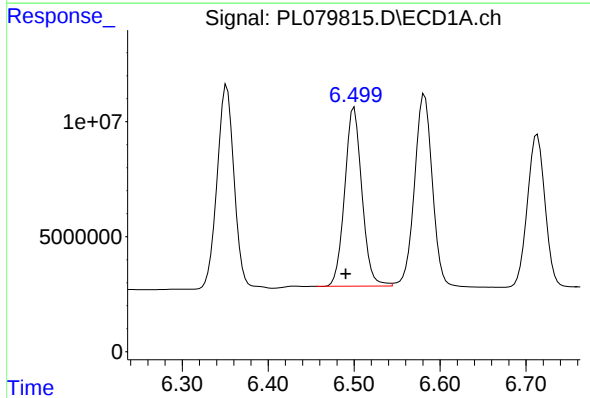
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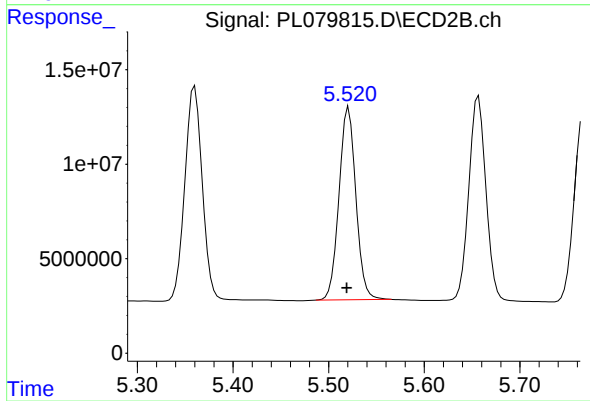
#15 Endosulfan II

R.T.: 5.657 min
Delta R.T.: 0.002 min
Response: 135913916
Conc: 46.15 ng/ml



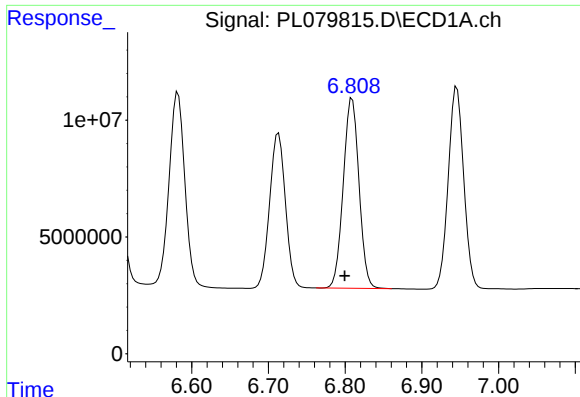
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.010 min
Response: 108421624
Conc: 55.28 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: 0.002 min
Response: 125123201
Conc: 49.12 ng/ml



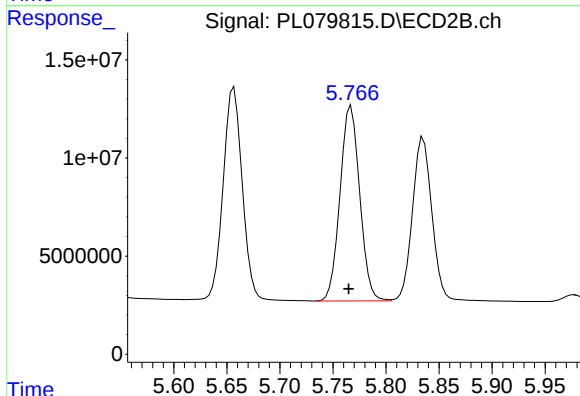
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.010 min
Response: 116272957
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

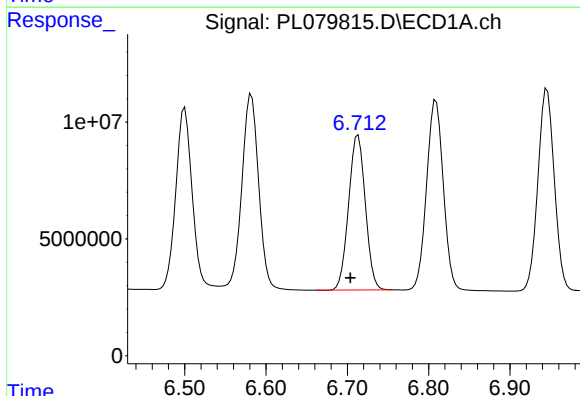
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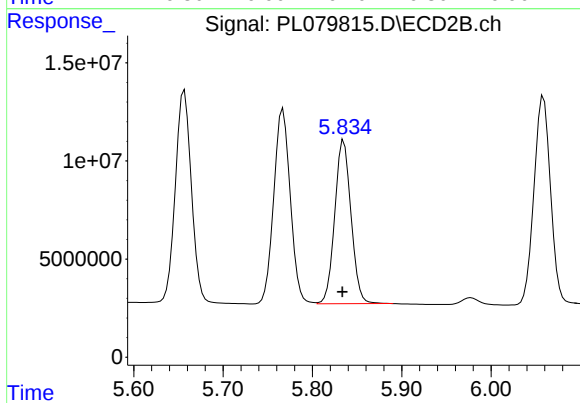
#17 4,4'-DDT

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 128260139
Conc: 47.34 ng/ml



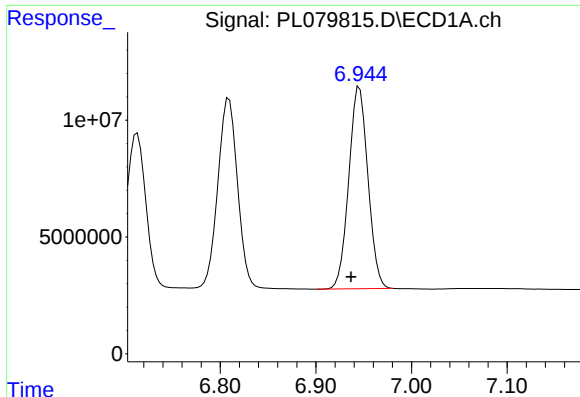
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.009 min
Response: 94447919
Conc: 53.09 ng/ml



#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 105402951
Conc: 46.98 ng/ml



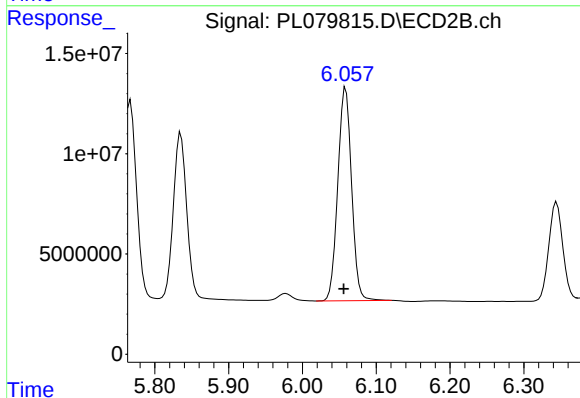
#19 Endosulfan Sulfate

R.T.: 6.946 min
Delta R.T.: 0.009 min
Response: 120675954
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

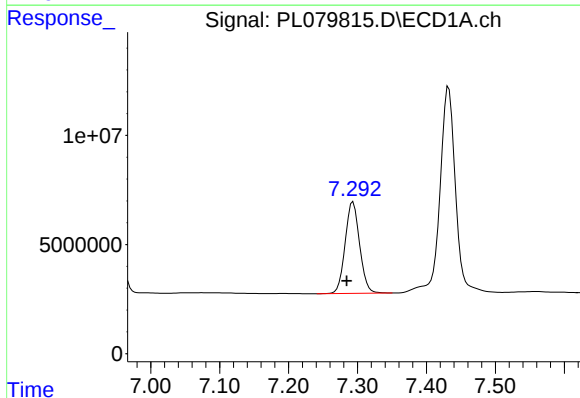
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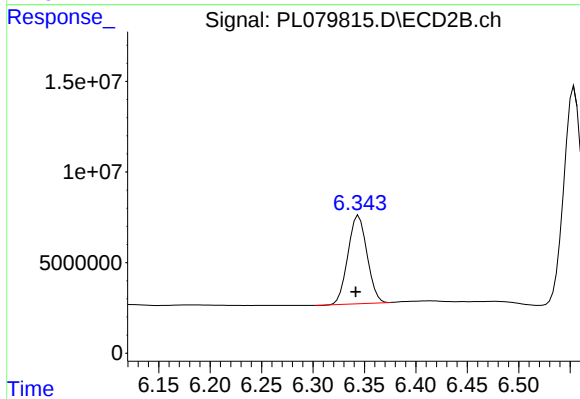
#19 Endosulfan Sulfate

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 137929870
Conc: 47.53 ng/ml



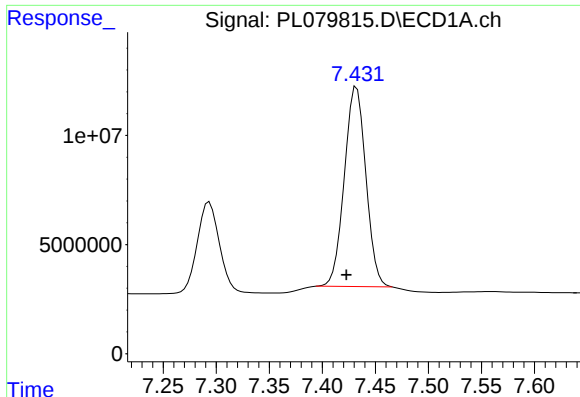
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.009 min
Response: 61398364
Conc: 52.09 ng/ml



#20 Methoxychlor

R.T.: 6.344 min
Delta R.T.: 0.003 min
Response: 62953435
Conc: 44.39 ng/ml



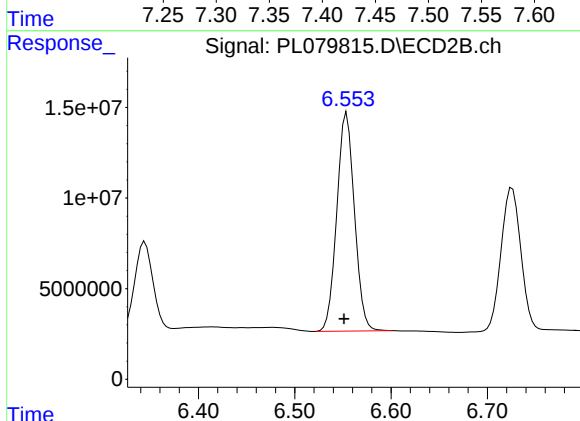
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: 0.008 min
Response: 129003991
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

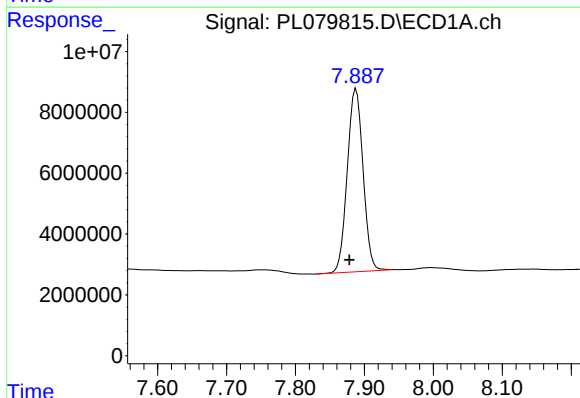
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2022
Supervised By :Ankita Jodhani 12/22/2022



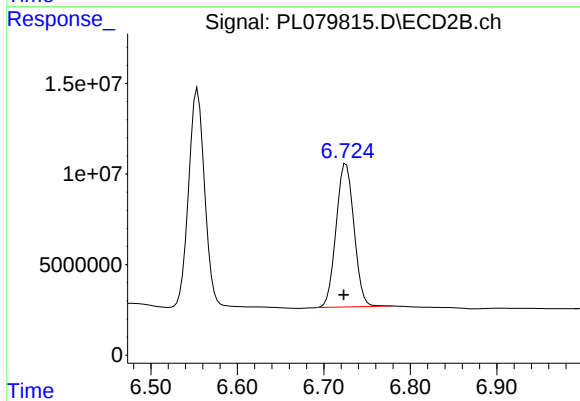
#21 Endrin ketone

R.T.: 6.554 min
Delta R.T.: 0.003 min
Response: 153382305
Conc: 48.03 ng/ml



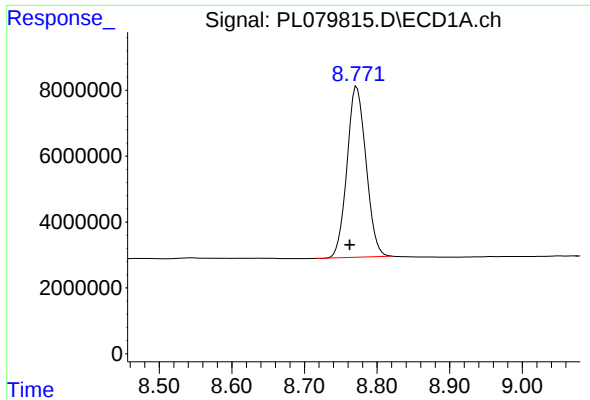
#22 Mirex

R.T.: 7.888 min
Delta R.T.: 0.010 min
Response: 95876852
Conc: 50.03 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 113217915
Conc: 46.36 ng/ml



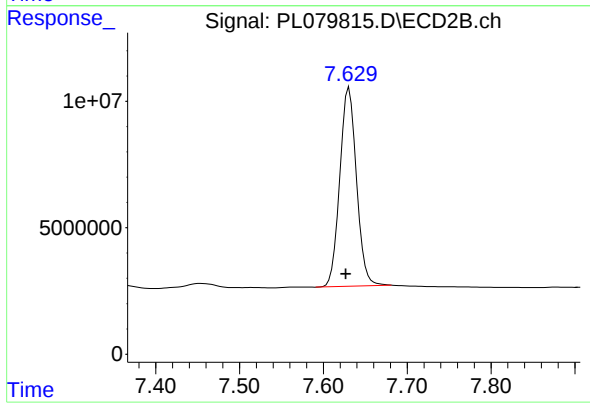
#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: 0.010 min
Response: 94433948
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/22/2022



#28 Decachlorobiphenyl

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 108901099
Conc: 45.37 ng/ml