

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 10:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/08/2023
 Supervised By : Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:26:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.340	2.662	110.1E6	100.7E6	50.978	49.752
28)	SA Decachlor...	8.770	7.793	77495962	88274688	50.832	46.084
Target Compounds							
2)	A alpha-BHC	3.790	3.164	167.7E6	144.5E6	52.701	49.300
3)	MA gamma-BHC...	4.119	3.492	154.0E6	136.8E6	52.059	49.722
4)	MA Heptachlor	4.699	3.827	145.5E6	139.6E6	52.721	50.581
5)	MB Aldrin	5.036	4.105	135.8E6	128.5E6	53.380	48.999
6)	B beta-BHC	4.321	3.792	67196551	59414412	48.818	51.192
7)	B delta-BHC	4.564	4.020	150.6E6	130.0E6	54.188	51.066
8)	B Heptachlo...	5.462	4.608	117.1E6	120.5E6	49.636	49.820
9)	A Endosulfan I	5.843	4.976	110.5E6	113.5E6	52.314	50.121
10)	B gamma-Chl...	5.717	4.857	121.6E6	121.7E6	53.267	49.704
11)	B alpha-Chl...	5.795	4.921	119.4E6	121.8E6	53.012	49.725
12)	B 4,4'-DDE	5.973	5.112	105.6E6	104.9E6	53.991	53.424
13)	MA Dieldrin	6.118	5.241	110.7E6	112.8E6	52.897	50.028
14)	MA Endrin	6.345	5.516	92658245	95061585	50.982	47.303
15)	B Endosulfa...	6.567	5.813	91129418	92783465	52.268	50.324
16)	A 4,4'-DDD	6.489	5.667	89495361	88497009	58.137	57.686
17)	MA 4,4'-DDT	6.801	5.917	79269885	77800660	49.940	48.495
18)	B Endrin al...	6.696	5.994	71484617	72932031	49.942m	48.138
19)	B Endosulfa...	6.932	6.217	93561588	95079476	52.109	49.468
20)	A Methoxychlor	7.281	6.498	43014525	44488274	49.938	47.935
21)	B Endrin ke...	7.412	6.723	96679698	101.5E6	53.296	47.145
22)	Mirex	7.877	6.896	74481033	88519988	51.045	45.993

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081280.D
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 Acq On : 07 Mar 2023 10:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

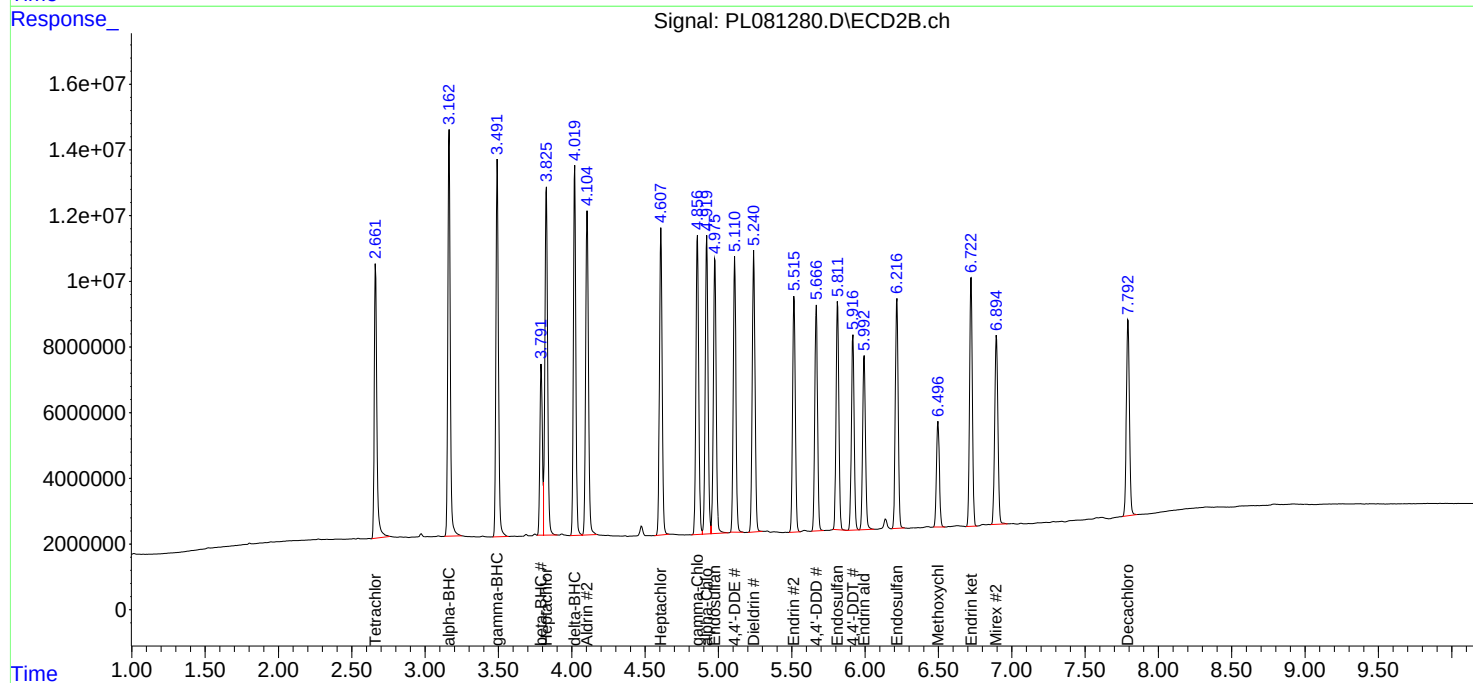
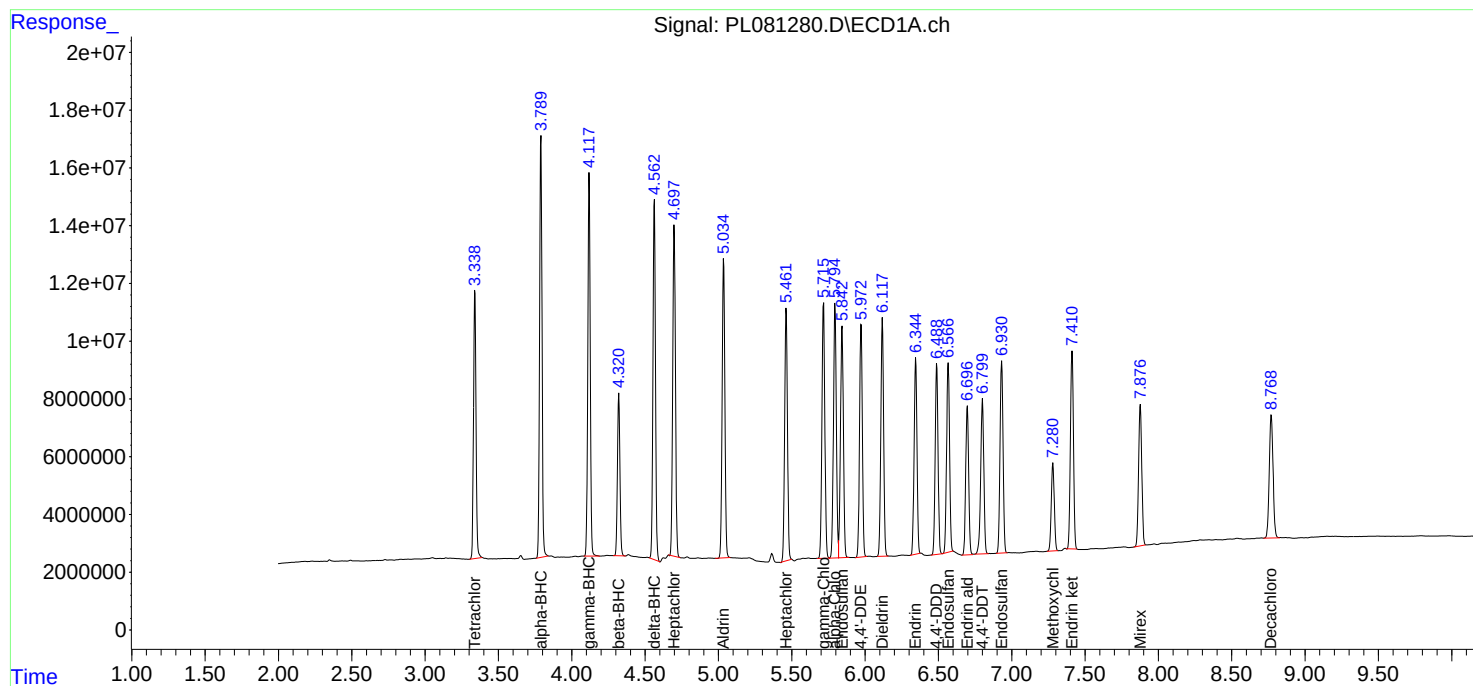
Manual Integrations

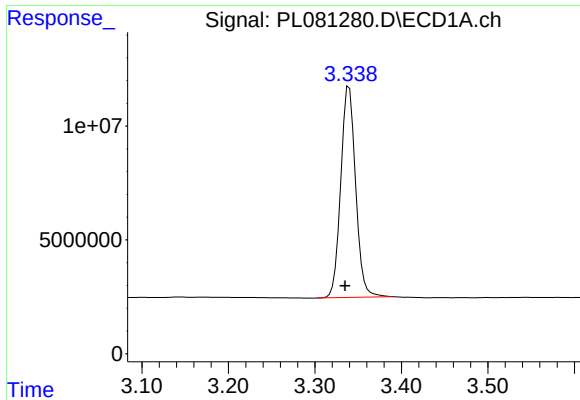
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 Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:26:57 2023
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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





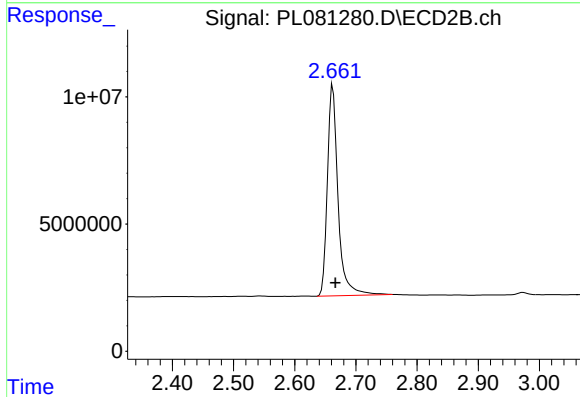
#1 Tetrachloro-m-xylene

R.T.: 3.340 min
Delta R.T.: 0.005 min
Response: 110140434
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

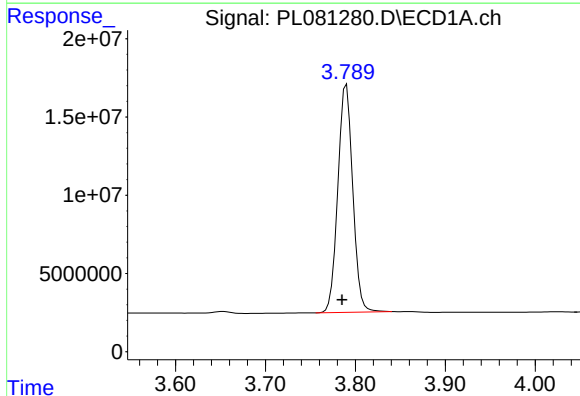
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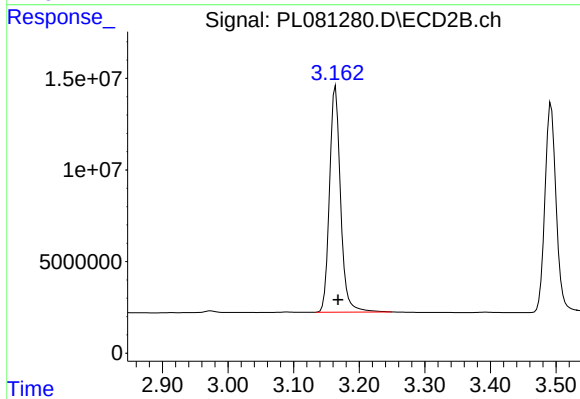
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 100689705
Conc: 49.75 ng/ml



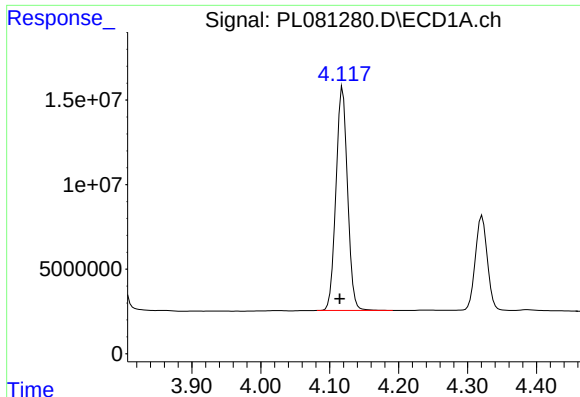
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: 0.005 min
Response: 167657154
Conc: 52.70 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 144478967
Conc: 49.30 ng/ml



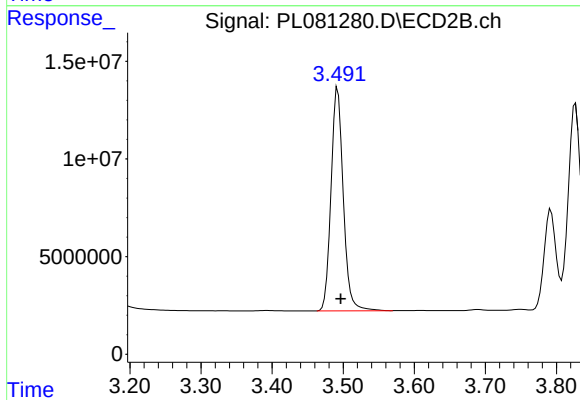
#3 gamma-BHC (Lindane)

R.T.: 4.119 min
Delta R.T.: 0.004 min
Response: 154021538
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

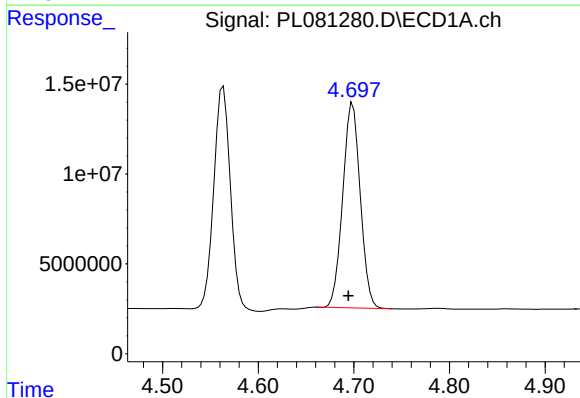
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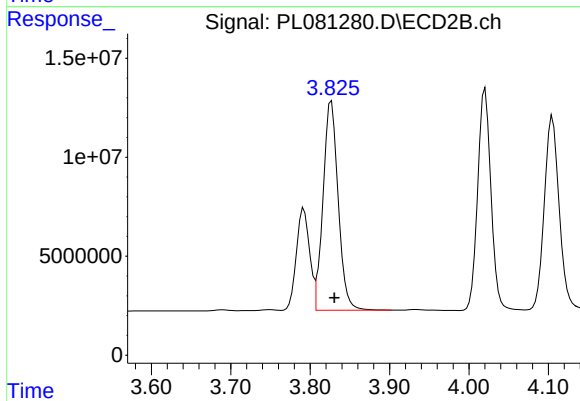
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.004 min
Response: 136788763
Conc: 49.72 ng/ml



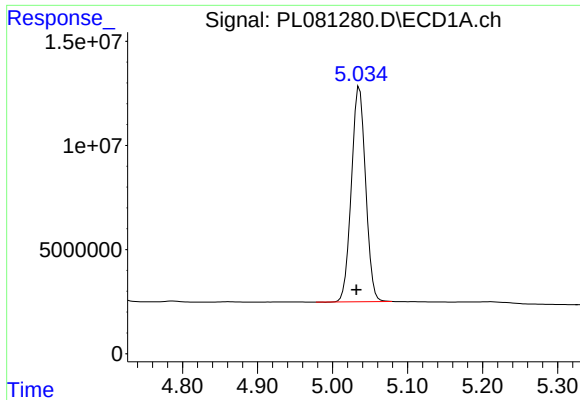
#4 Heptachlor

R.T.: 4.699 min
Delta R.T.: 0.005 min
Response: 145477803
Conc: 52.72 ng/ml



#4 Heptachlor

R.T.: 3.827 min
Delta R.T.: -0.004 min
Response: 139580748
Conc: 50.58 ng/ml



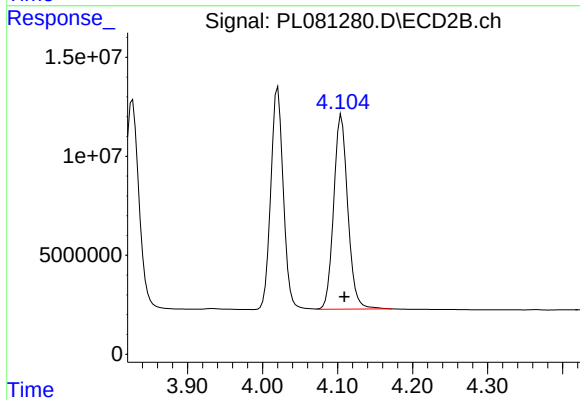
#5 Aldrin

R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 135807012
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

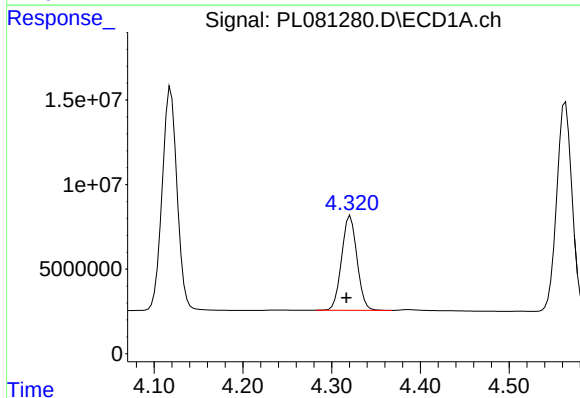
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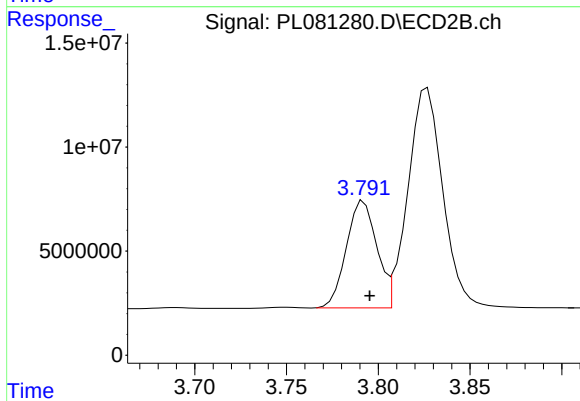
#5 Aldrin

R.T.: 4.105 min
Delta R.T.: -0.004 min
Response: 128461521
Conc: 49.00 ng/ml



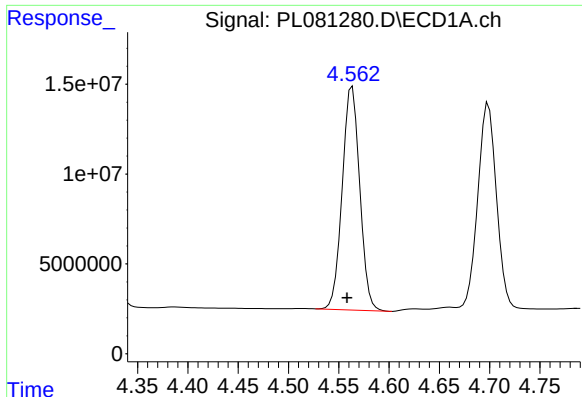
#6 beta-BHC

R.T.: 4.321 min
Delta R.T.: 0.005 min
Response: 67196551
Conc: 48.82 ng/ml



#6 beta-BHC

R.T.: 3.792 min
Delta R.T.: -0.003 min
Response: 59414412
Conc: 51.19 ng/ml



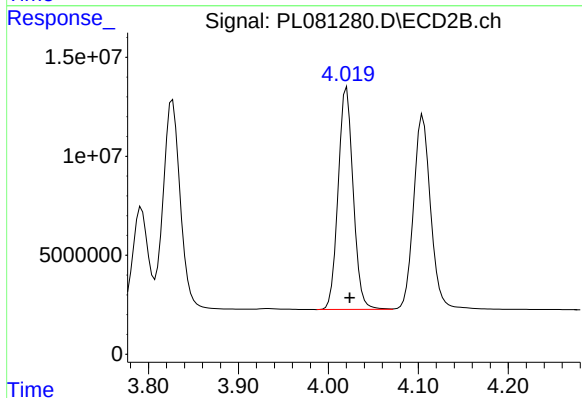
#7 delta-BHC

R.T.: 4.564 min
Delta R.T.: 0.005 min
Response: 150599237
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

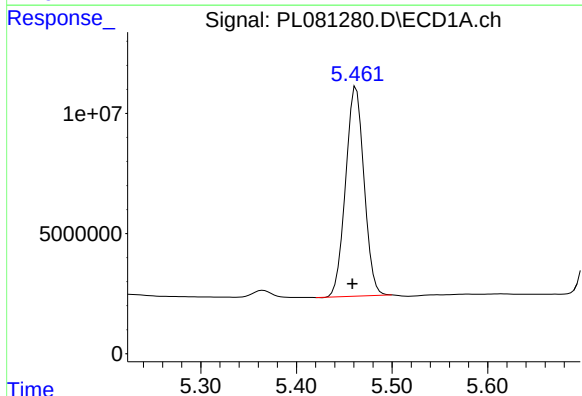
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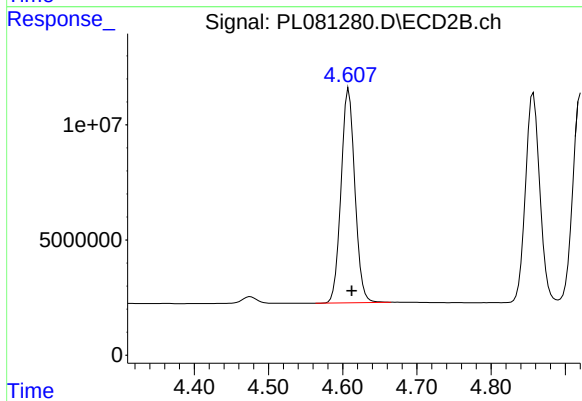
#7 delta-BHC

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 130046921
Conc: 51.07 ng/ml



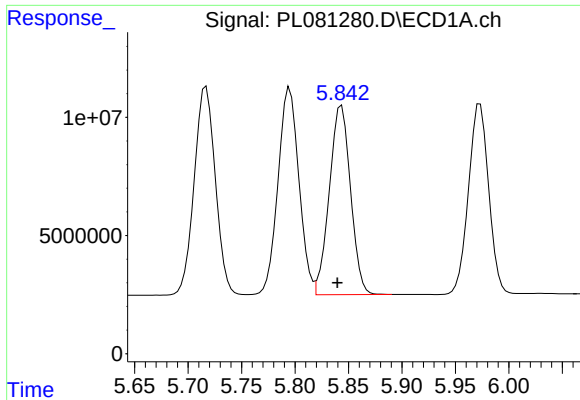
#8 Heptachlor epoxide

R.T.: 5.462 min
Delta R.T.: 0.004 min
Response: 117141343
Conc: 49.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 120470596
Conc: 49.82 ng/ml



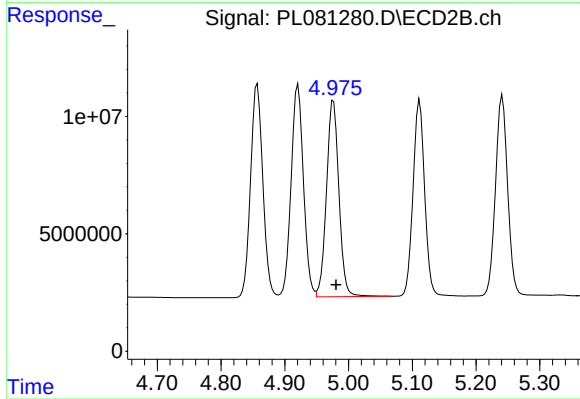
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: 0.004 min
Response: 110525190
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

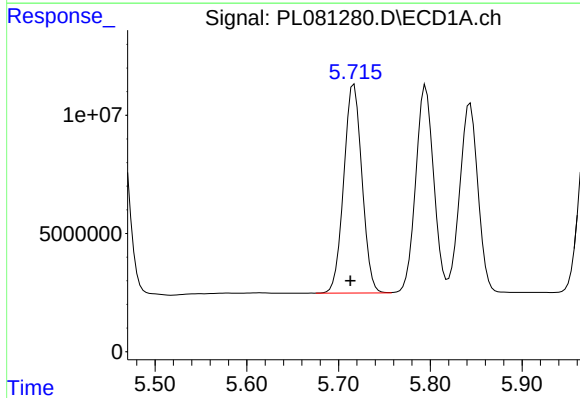
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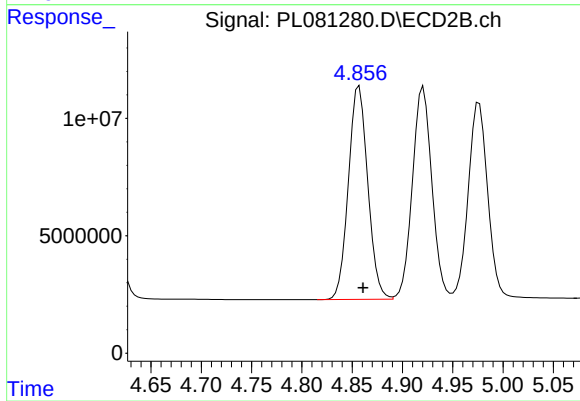
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 113457344
Conc: 50.12 ng/ml



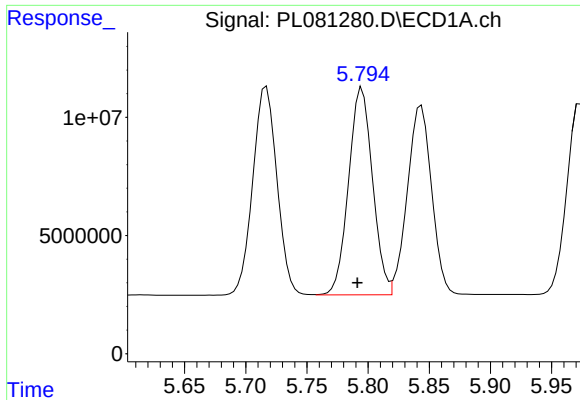
#10 gamma-Chlordane

R.T.: 5.717 min
Delta R.T.: 0.004 min
Response: 121550975
Conc: 53.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 121664711
Conc: 49.70 ng/ml



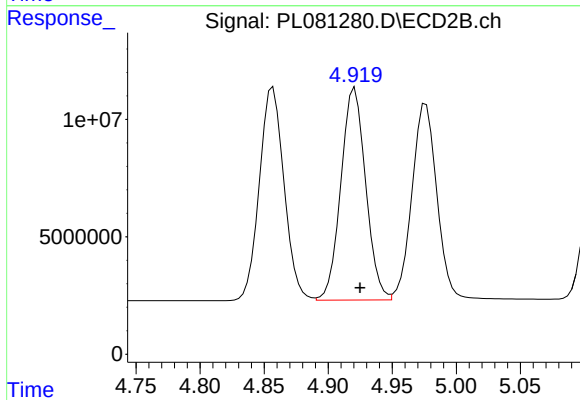
#11 alpha-Chlordane

R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 119432905
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

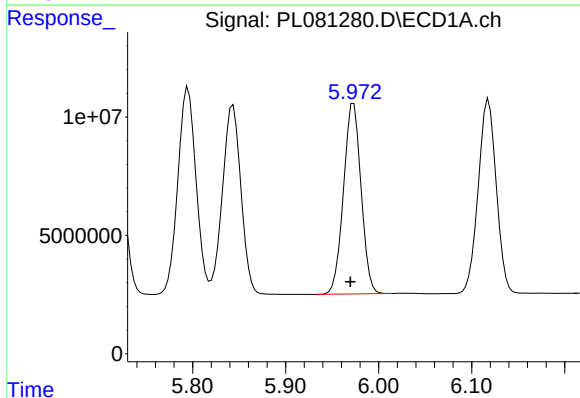
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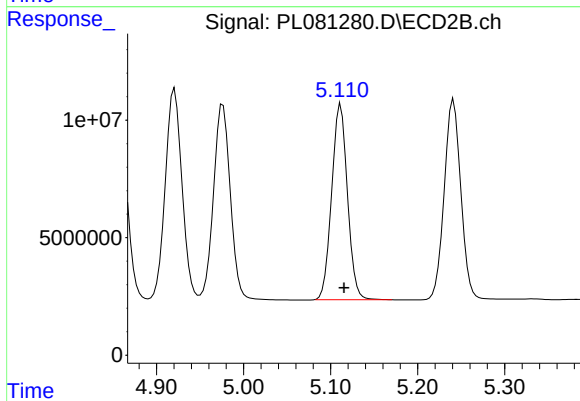
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 121753155
Conc: 49.72 ng/ml



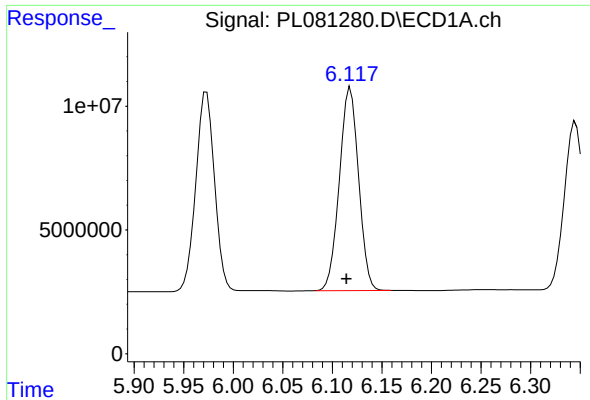
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 105638709
Conc: 53.99 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 104863424
Conc: 53.42 ng/ml



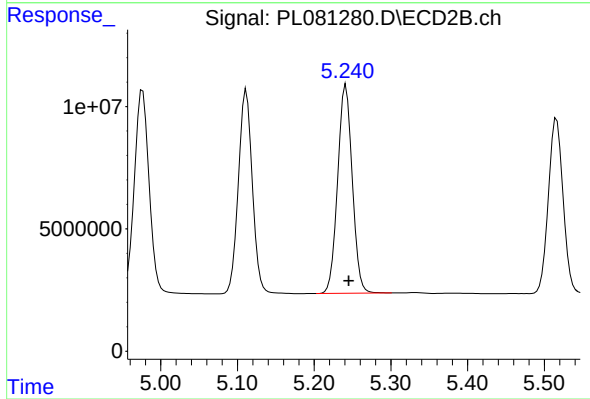
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: 0.004 min
Response: 110711829
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

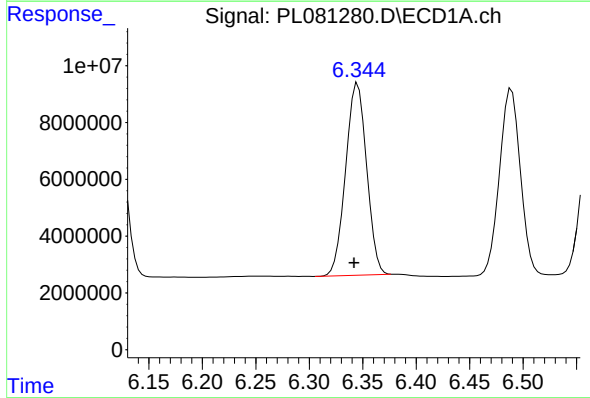
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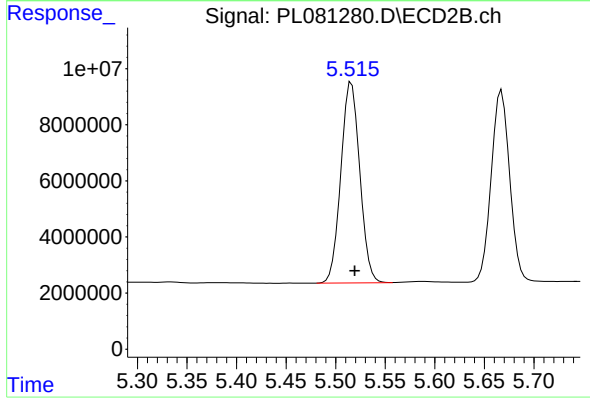
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 112780351
Conc: 50.03 ng/ml



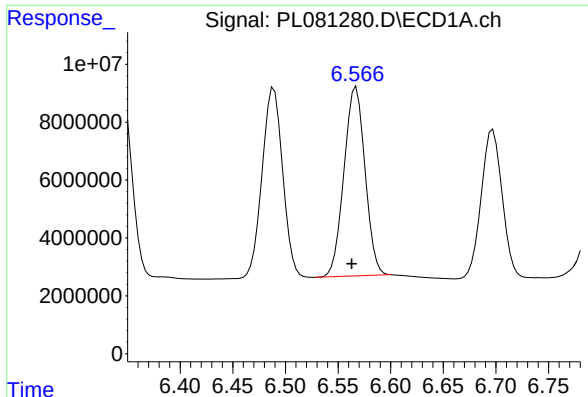
#14 Endrin

R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 92658245
Conc: 50.98 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 95061585
Conc: 47.30 ng/ml



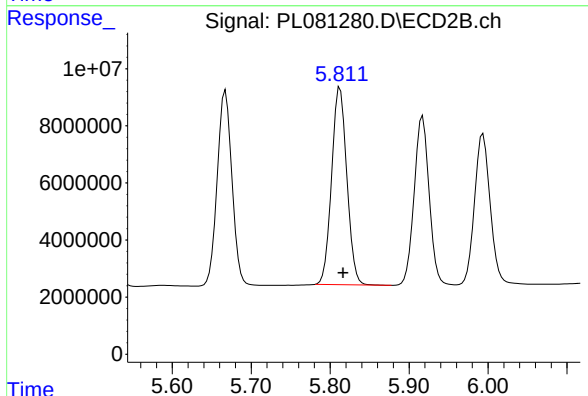
#15 Endosulfan II

R.T.: 6.567 min
Delta R.T.: 0.004 min
Response: 91129418
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

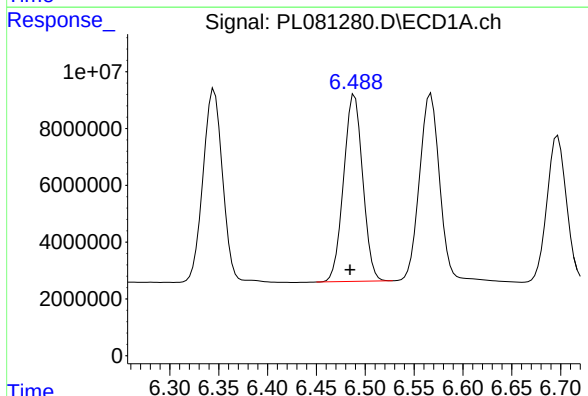
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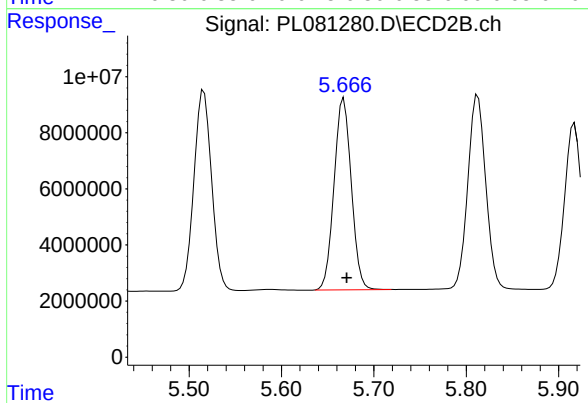
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 92783465
Conc: 50.32 ng/ml



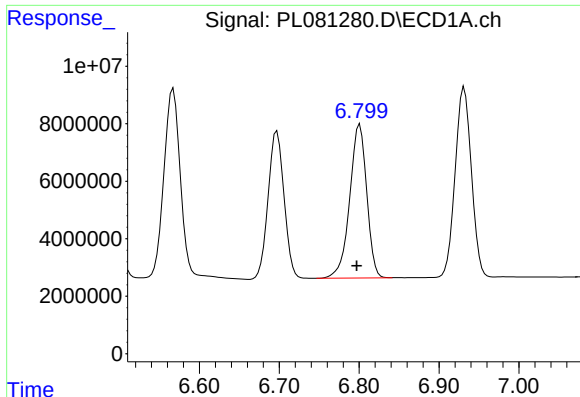
#16 4,4'-DDD

R.T.: 6.489 min
Delta R.T.: 0.005 min
Response: 89495361
Conc: 58.14 ng/ml



#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 88497009
Conc: 57.69 ng/ml



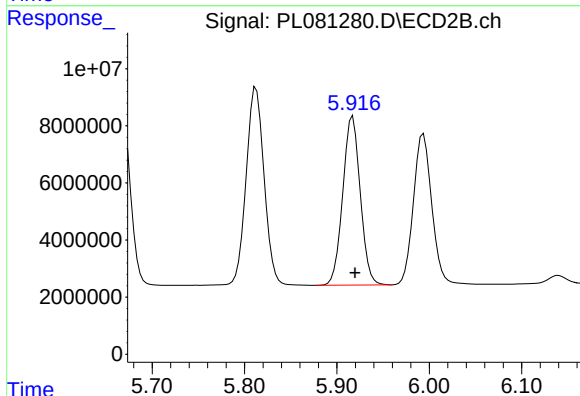
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: 0.004 min
Response: 79269885
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

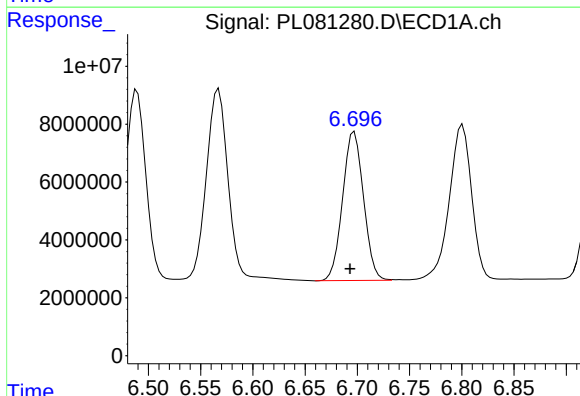
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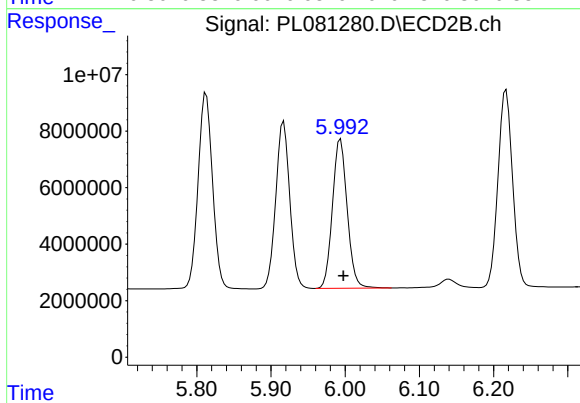
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 77800660
Conc: 48.49 ng/ml



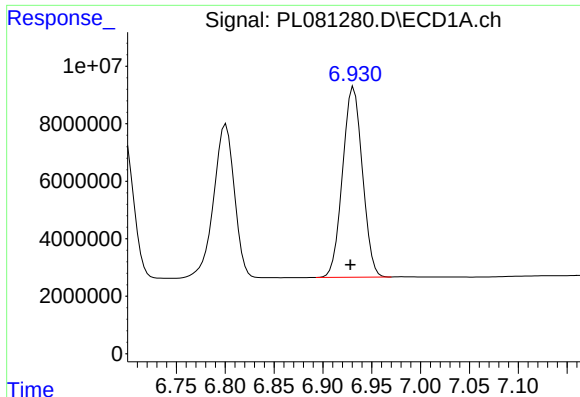
#18 Endrin aldehyde

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 71484617
Conc: 49.94 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 72932031
Conc: 48.14 ng/ml



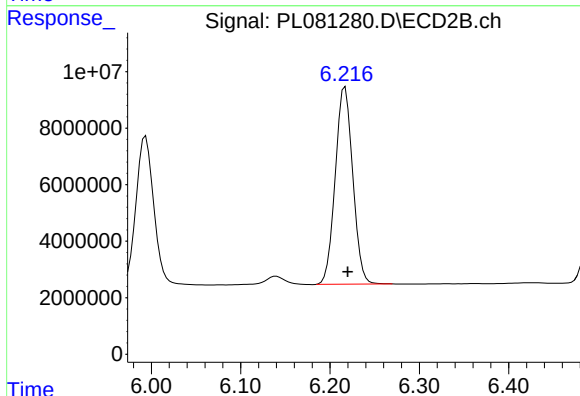
#19 Endosulfan Sulfate

R.T.: 6.932 min
Delta R.T.: 0.003 min
Response: 93561588
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

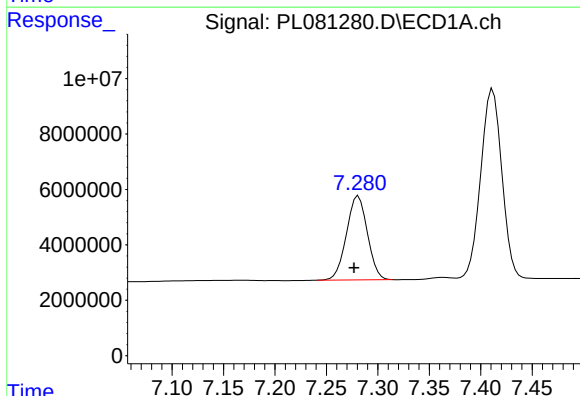
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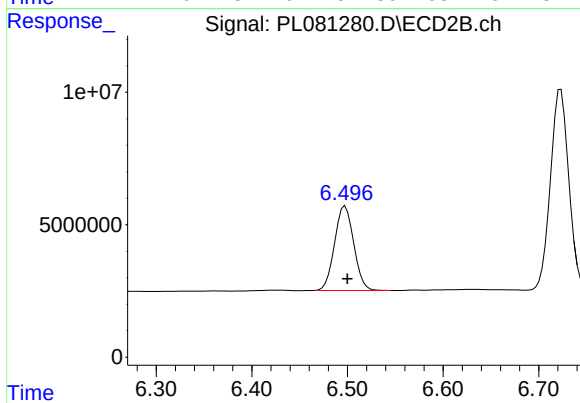
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 95079476
Conc: 49.47 ng/ml



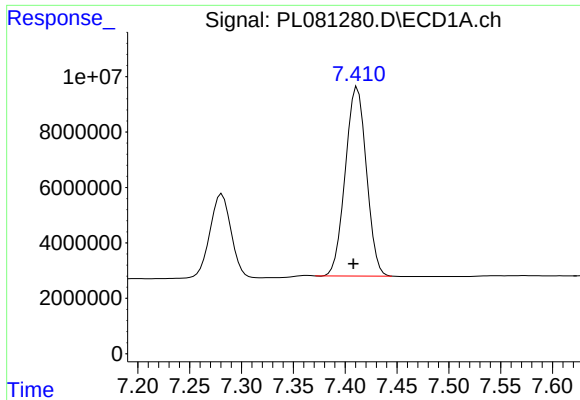
#20 Methoxychlor

R.T.: 7.281 min
Delta R.T.: 0.004 min
Response: 43014525
Conc: 49.94 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 44488274
Conc: 47.94 ng/ml



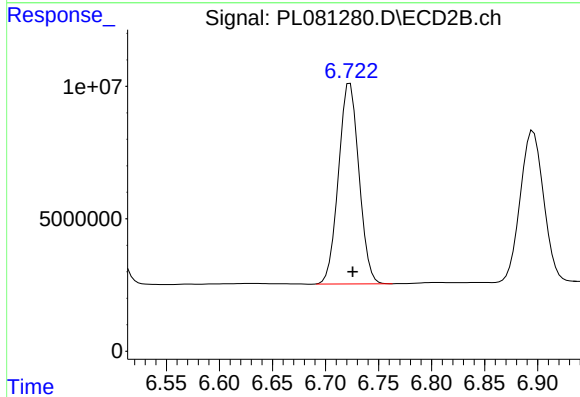
#21 Endrin ketone

R.T.: 7.412 min
Delta R.T.: 0.004 min
Response: 96679698
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

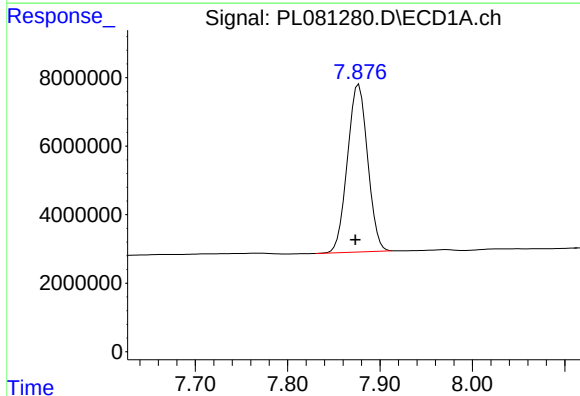
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Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



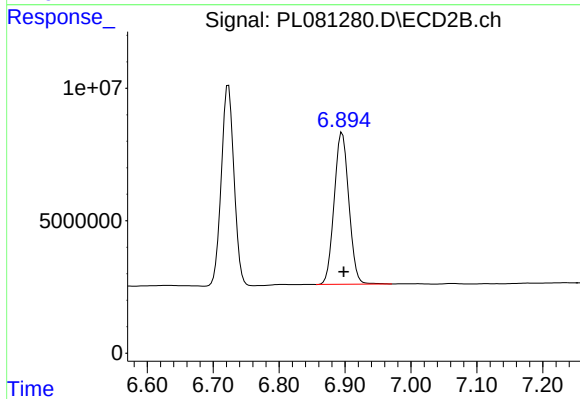
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 101507790
Conc: 47.15 ng/ml



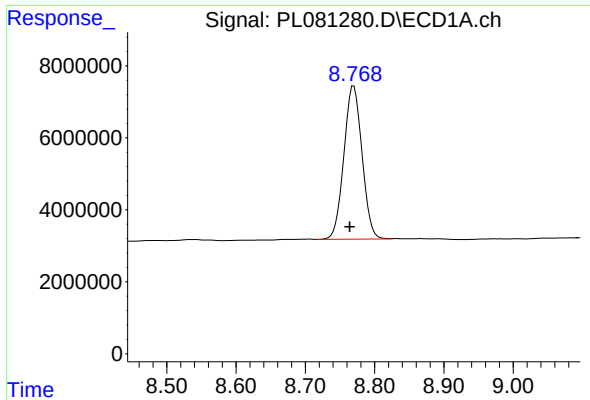
#22 Mirex

R.T.: 7.877 min
Delta R.T.: 0.004 min
Response: 74481033
Conc: 51.05 ng/ml



#22 Mirex

R.T.: 6.896 min
Delta R.T.: -0.002 min
Response: 88519988
Conc: 45.99 ng/ml



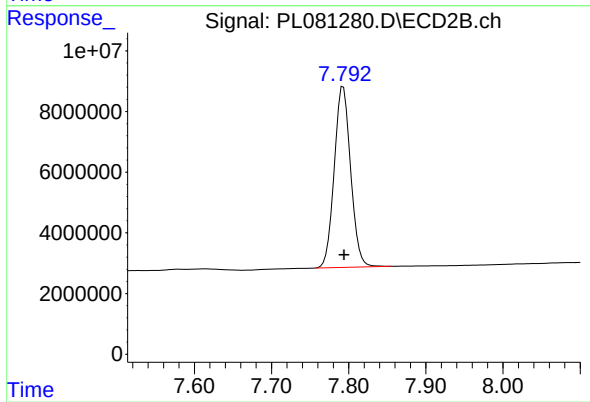
#28 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: 0.005 min
Response: 77495962
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



#28 Decachlorobiphenyl

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 88274688
Conc: 46.08 ng/ml