

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090222\
 Data File : PL077500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2022 00:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/06/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:27:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090222.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 03 05:19:42 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...	3.416	2.630	81633364	140.7E6	59.306	52.885
28)	SA Decachlor...	8.902	7.729	57956065	96214036	50.637	40.770
Target Compounds							
2)	A alpha-BHC	3.881	3.122	123.9E6	216.1E6	61.718	53.725
3)	MA gamma-BHC...	4.216	3.446	112.5E6	194.7E6	59.484	55.533
4)	MA Heptachlor	4.791	3.778	94575391	161.1E6	51.350	46.291
5)	MB Aldrin	5.132	4.052	96123998	177.6E6	56.539	53.889
6)	B beta-BHC	4.428	3.745	46985373	80558151	56.964	53.485
7)	B delta-BHC	4.672	3.969	98785710	196.8E6	60.312	53.921
8)	B Heptachlo...	5.564	4.551	82107253	158.8E6	61.330	53.145
9)	A Endosulfan I	5.950	4.917	73880005	140.2E6	54.034	51.945
10)	B gamma-Chl...	5.820	4.800	82483051	160.0E6	55.386	52.569
11)	B alpha-Chl...	5.897	4.863	79880029	151.3E6	54.431	52.445
12)	B 4,4'-DDE	6.076	5.057	72604697	148.8E6	53.008	50.318
13)	MA Dieldrin	6.228	5.180	72936332	153.4E6	51.900	53.405
14)	MA Endrin	6.459	5.452	63071667	133.8E6	50.979	58.918
15)	B Endosulfa...	6.687	5.748	56967075	111.1E6	50.701	48.361
16)	A 4,4'-DDD	6.600	5.609	59294467	121.4E6	57.595	53.120
17)	MA 4,4'-DDT	6.911	5.858	43915650	83877500	37.370	36.173
18)	B Endrin al...	6.816	5.927	46696245	87084768	49.832m	46.669
19)	B Endosulfa...	7.051	6.150	56827208	110.6E6	48.092	45.926
20)	A Methoxychlor	7.392	6.435	23673646	45625632	39.040	35.703
21)	B Endrin ke...	7.539	6.649	57877956	117.7E6	46.712	45.649
22)	Mirex	7.999	6.825	46102423	86002878	47.897	42.527

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090222\
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 Acq On : 03 Sep 2022 00:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

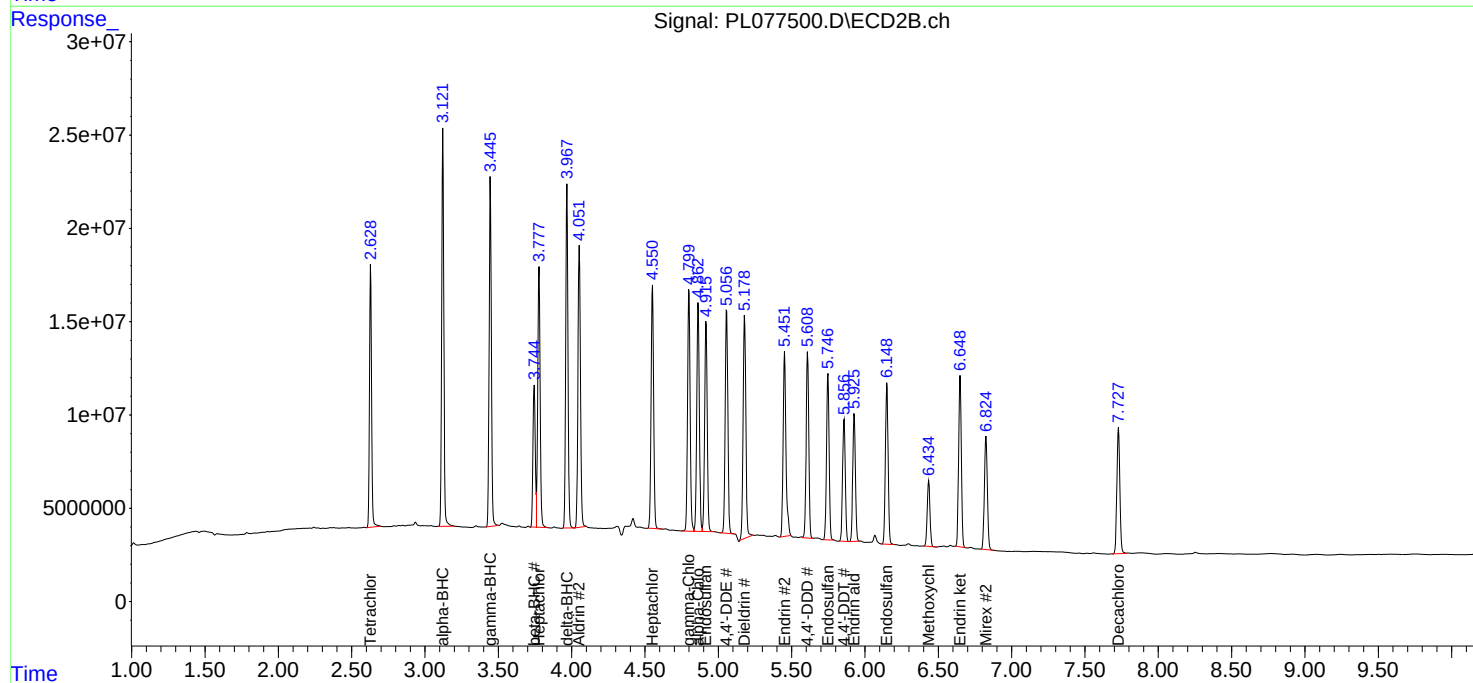
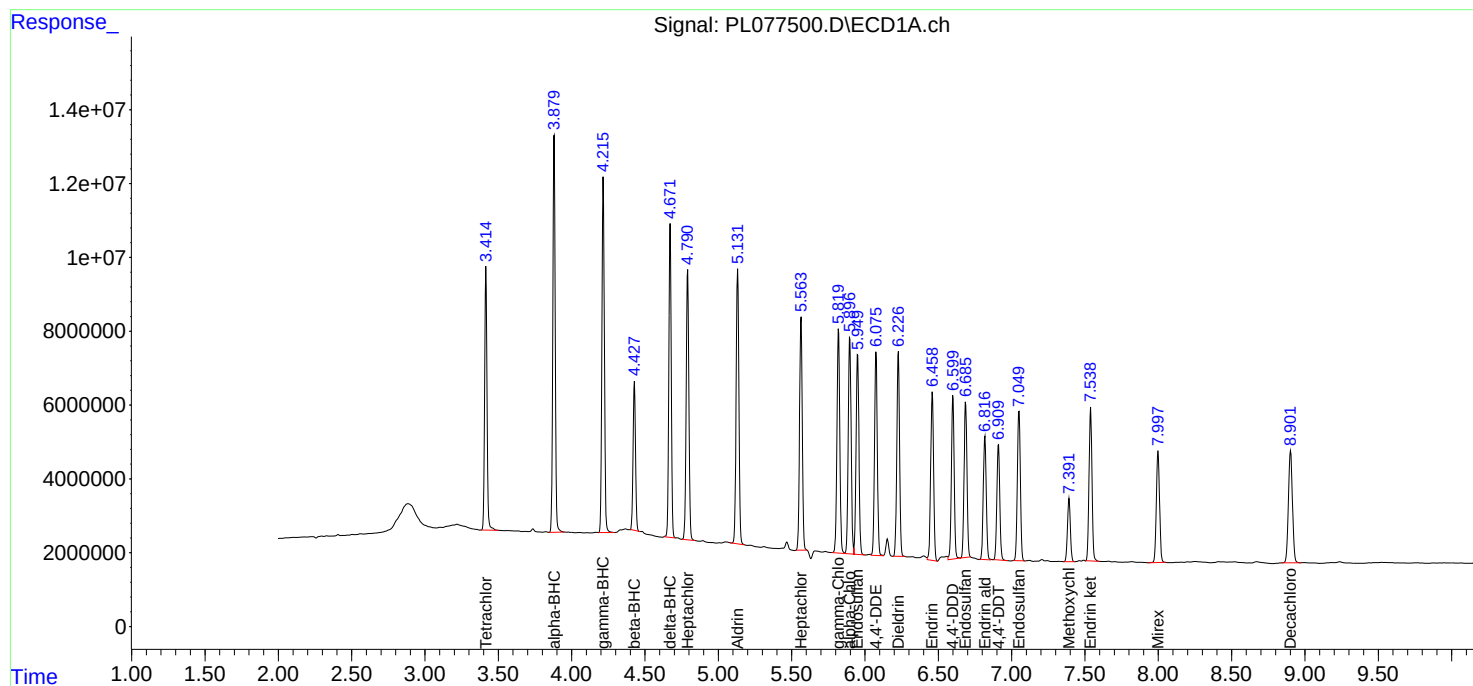
Manual Integrations

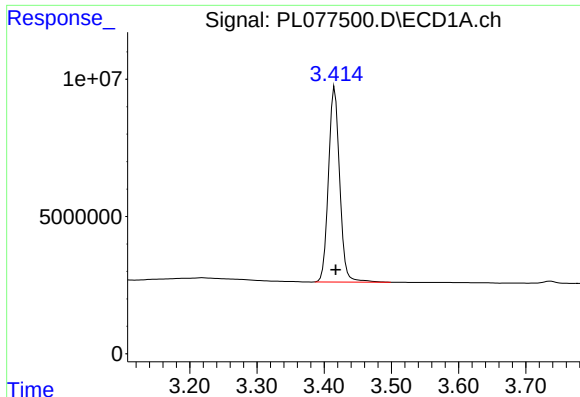
APPROVED

Reviewed By : Abdul Mirza 09/06/2022
 Supervised By : Ankita Jodhani 09/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:27:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090222.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 03 05:19:42 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





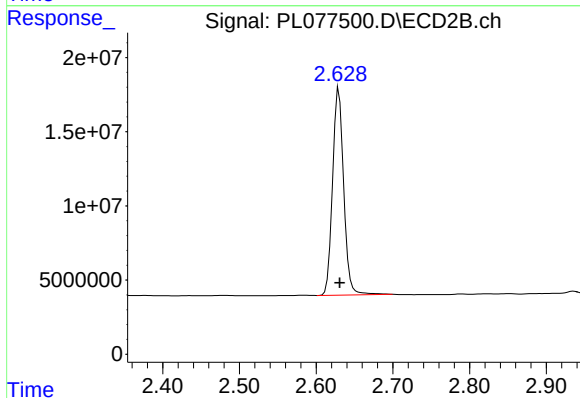
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 81633364
Conc: 59.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

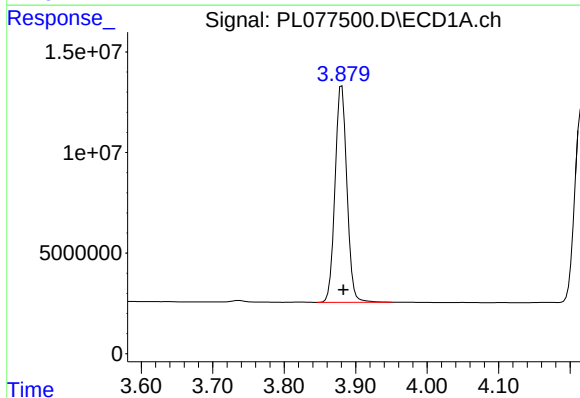
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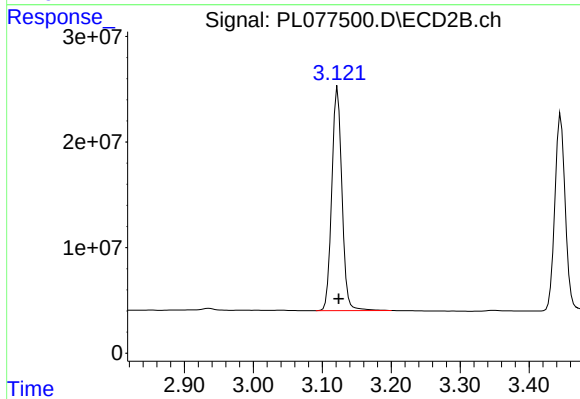
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: -0.001 min
Response: 140695560
Conc: 52.89 ng/ml



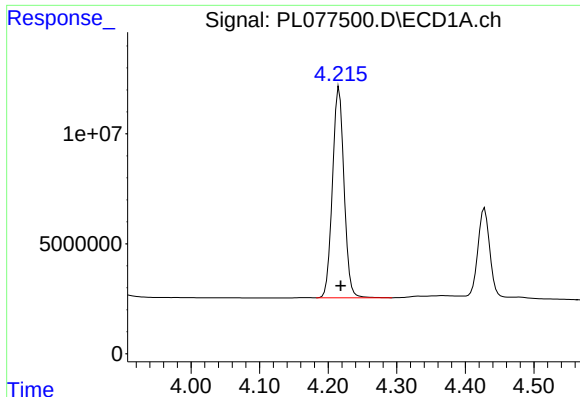
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.002 min
Response: 123928753
Conc: 61.72 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: -0.001 min
Response: 216100268
Conc: 53.73 ng/ml



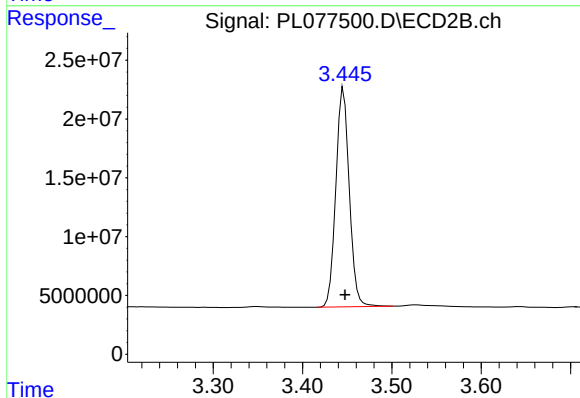
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 112458774
Conc: 59.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

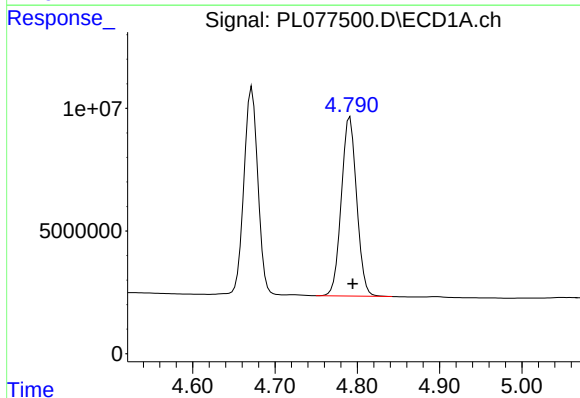
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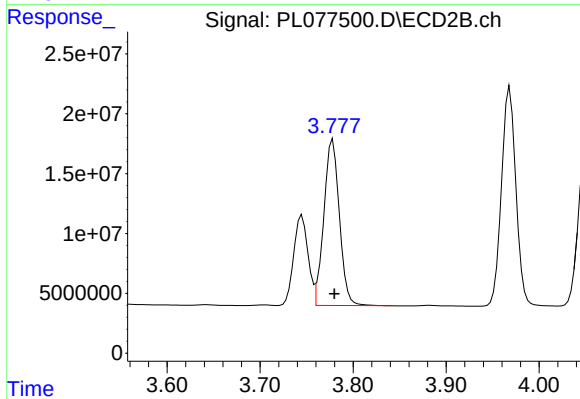
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 194666797
Conc: 55.53 ng/ml



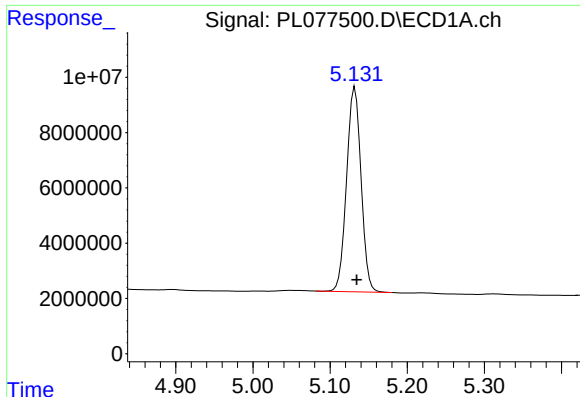
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 94575391
Conc: 51.35 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 161146289
Conc: 46.29 ng/ml



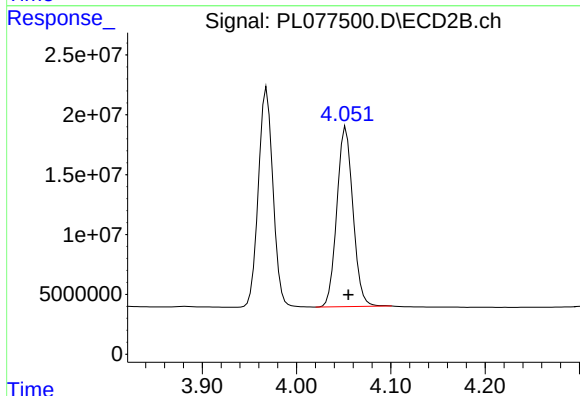
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 96123998
Conc: 56.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

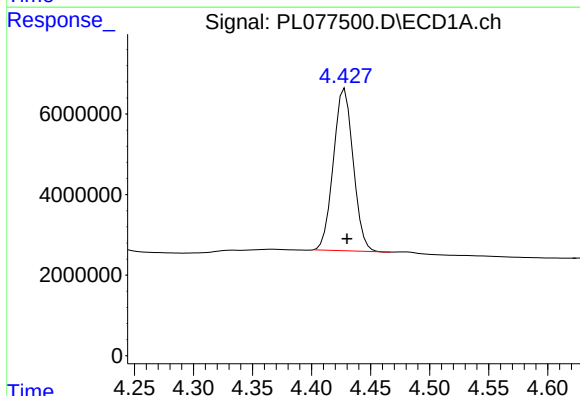
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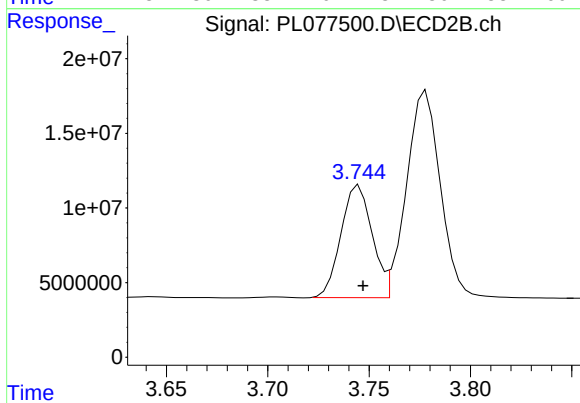
#5 Aldrin

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 177564649
Conc: 53.89 ng/ml



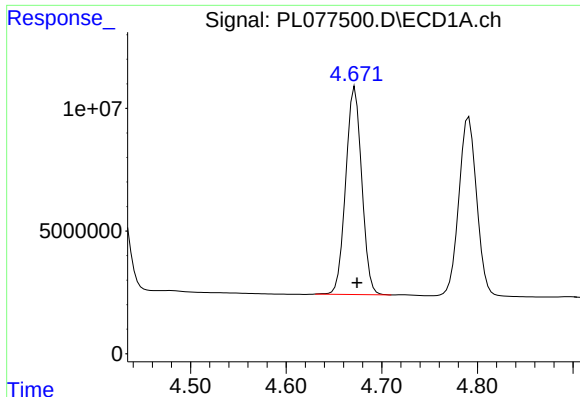
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 46985373
Conc: 56.96 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: -0.002 min
Response: 80558151
Conc: 53.48 ng/ml



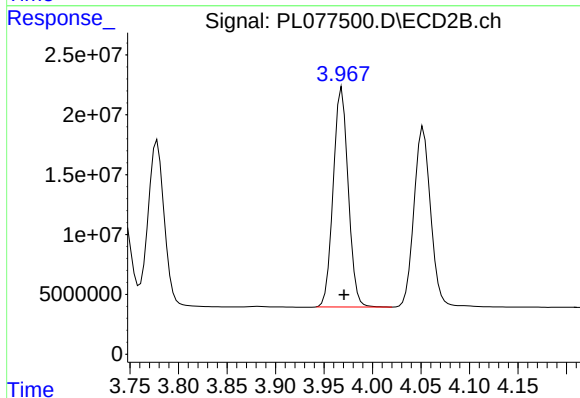
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 98785710
Conc: 60.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

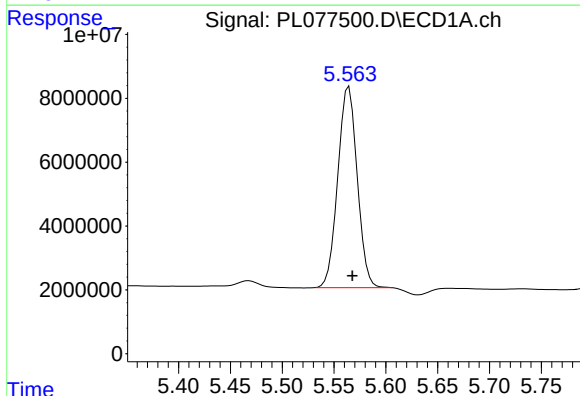
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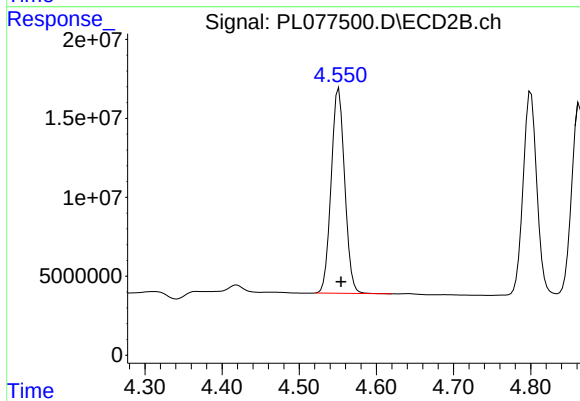
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 196813931
Conc: 53.92 ng/ml



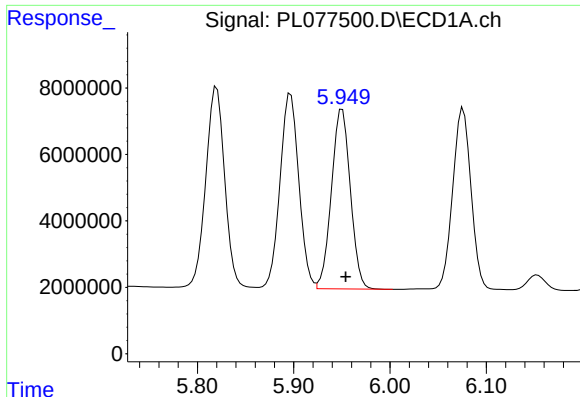
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 82107253
Conc: 61.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 158755327
Conc: 53.14 ng/ml



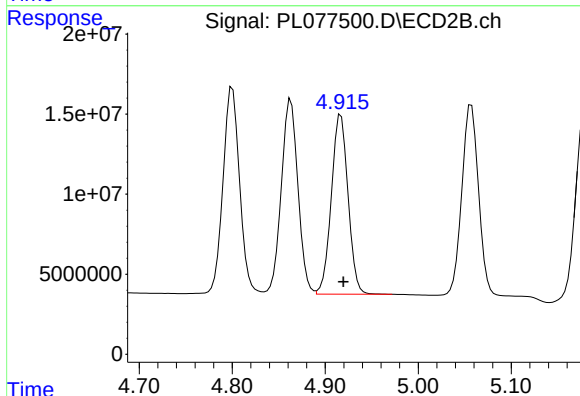
#9 Endosulfan I

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 73880005
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

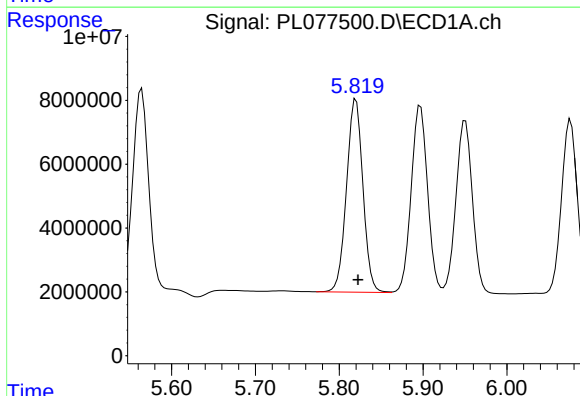
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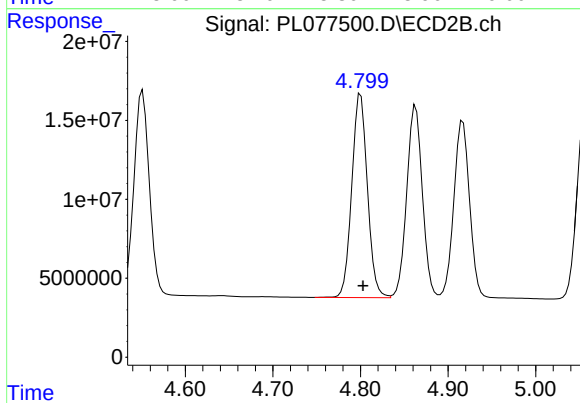
#9 Endosulfan I

R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 140175051
Conc: 51.95 ng/ml



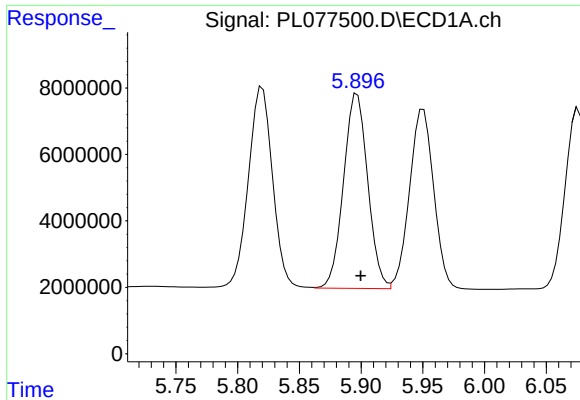
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 82483051
Conc: 55.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 159960489
Conc: 52.57 ng/ml



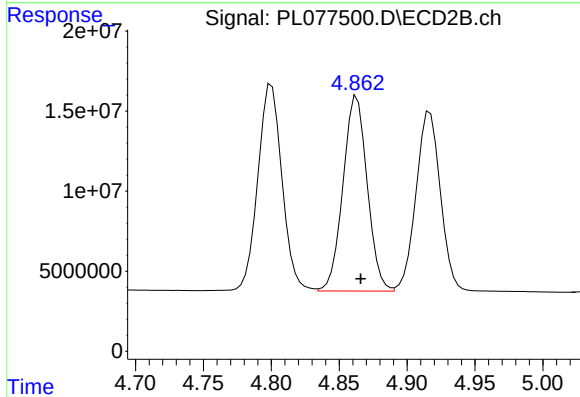
#11 alpha-Chlordane

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 79880029
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

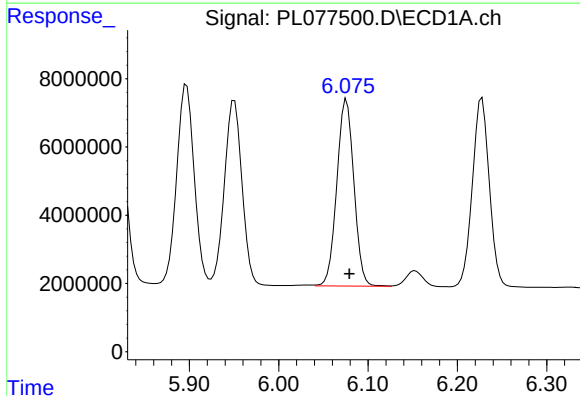
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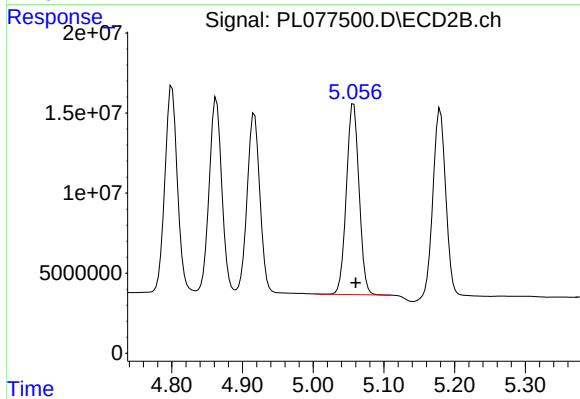
#11 alpha-Chlordane

R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 151262484
Conc: 52.45 ng/ml



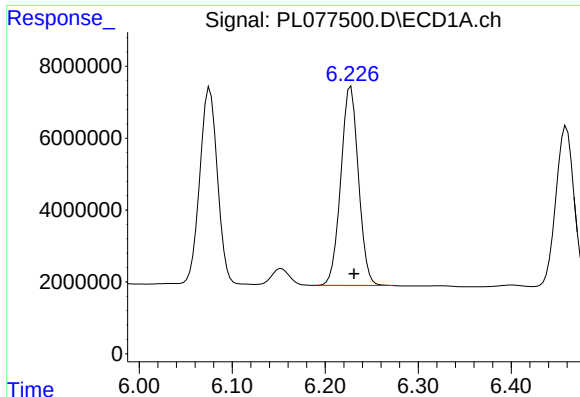
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 72604697
Conc: 53.01 ng/ml



#12 4,4'-DDE

R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 148750221
Conc: 50.32 ng/ml



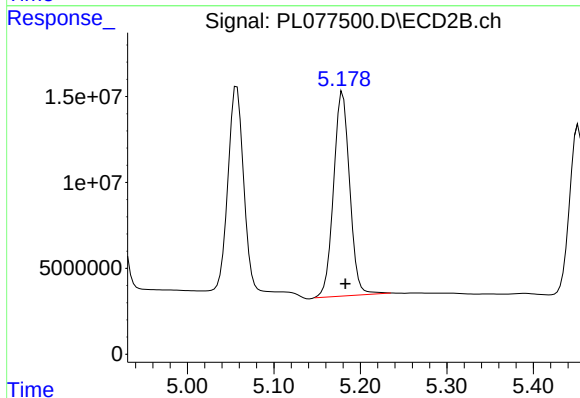
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 72936332
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

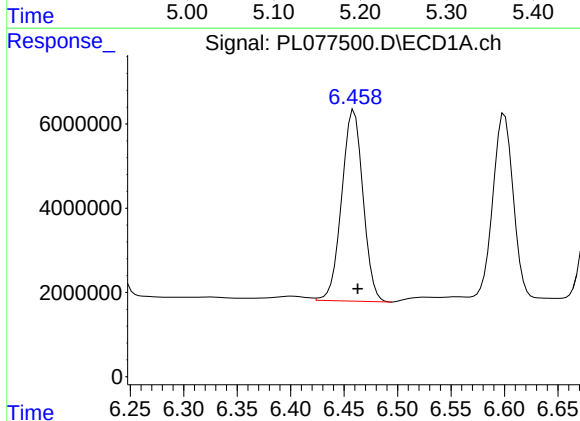
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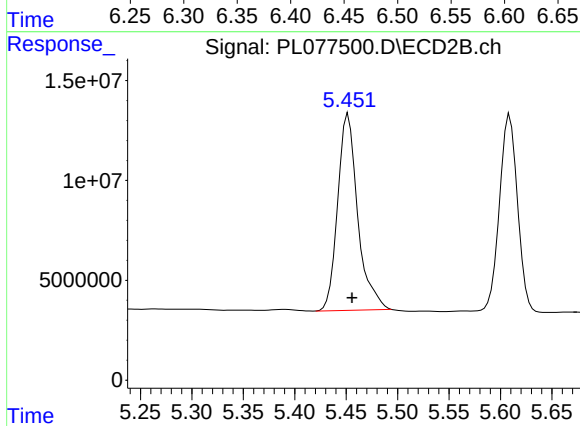
#13 Dieldrin

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 153443660
Conc: 53.40 ng/ml



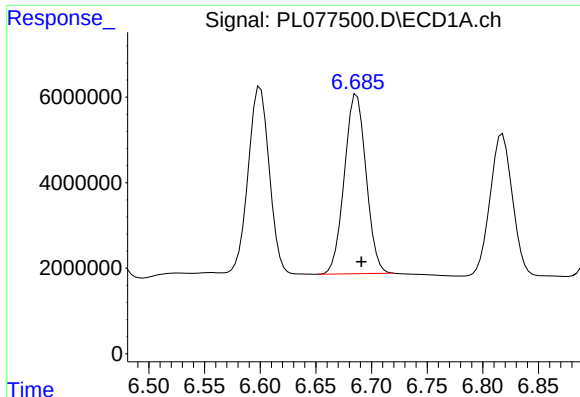
#14 Endrin

R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 63071667
Conc: 50.98 ng/ml



#14 Endrin

R.T.: 5.452 min
Delta R.T.: -0.004 min
Response: 133806839
Conc: 58.92 ng/ml



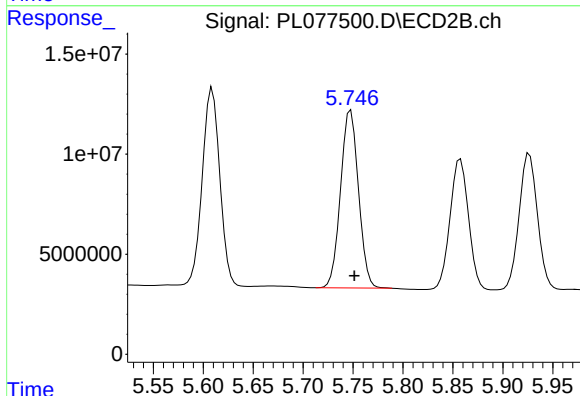
#15 Endosulfan II

R.T.: 6.687 min
Delta R.T.: -0.004 min
Response: 56967075
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

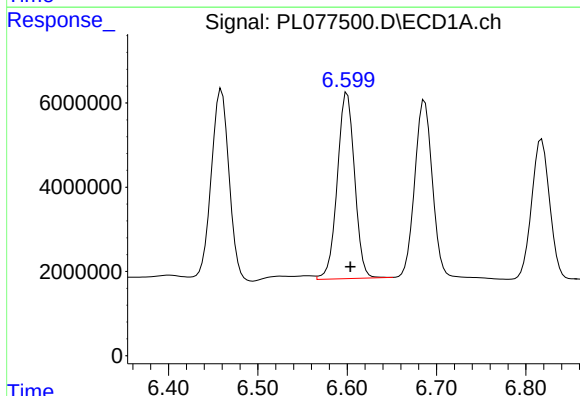
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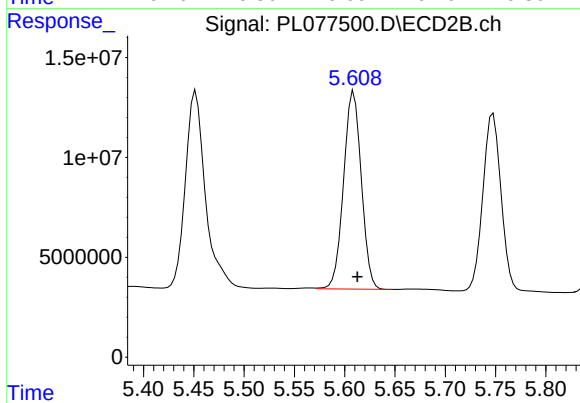
#15 Endosulfan II

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 111106289
Conc: 48.36 ng/ml



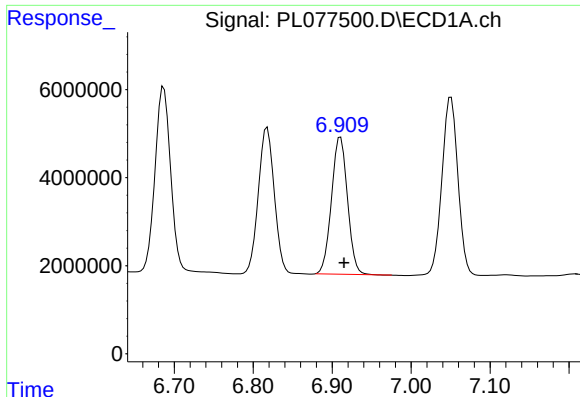
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 59294467
Conc: 57.59 ng/ml



#16 4,4'-DDD

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 121352093
Conc: 53.12 ng/ml



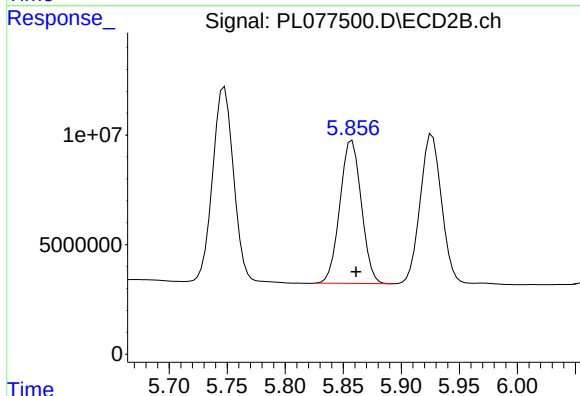
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 43915650
Conc: 37.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

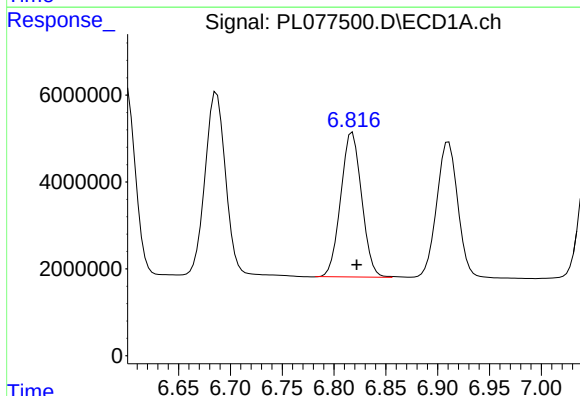
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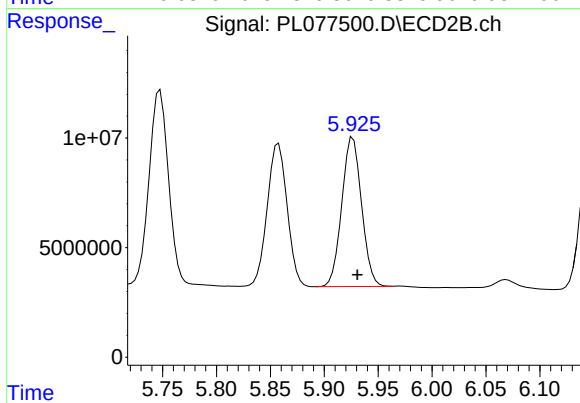
#17 4,4'-DDT

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 83877500
Conc: 36.17 ng/ml



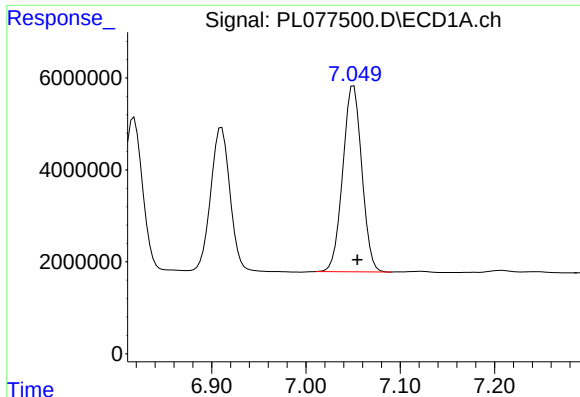
#18 Endrin aldehyde

R.T.: 6.816 min
Delta R.T.: -0.005 min
Response: 46696245
Conc: 49.83 ng/ml m



#18 Endrin aldehyde

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 87084768
Conc: 46.67 ng/ml



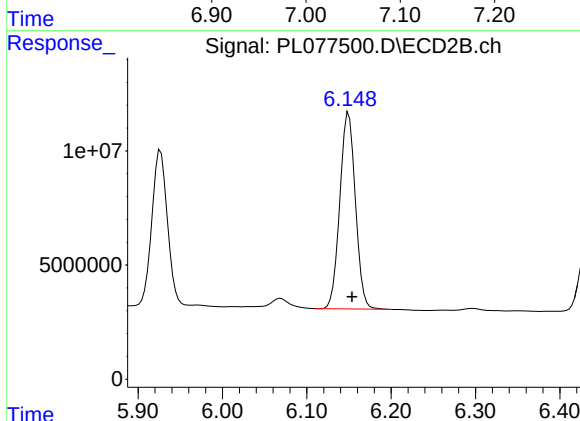
#19 Endosulfan Sulfate

R.T.: 7.051 min
Delta R.T.: -0.004 min
Response: 56827208
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

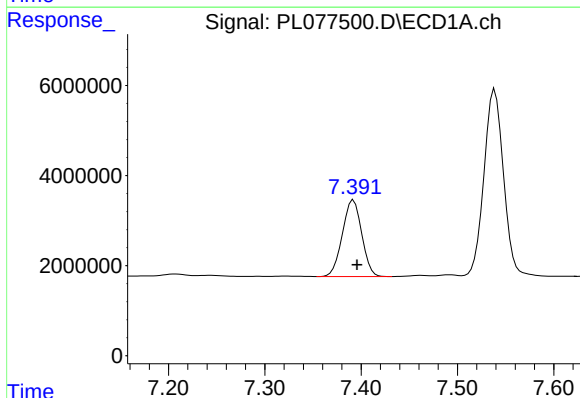
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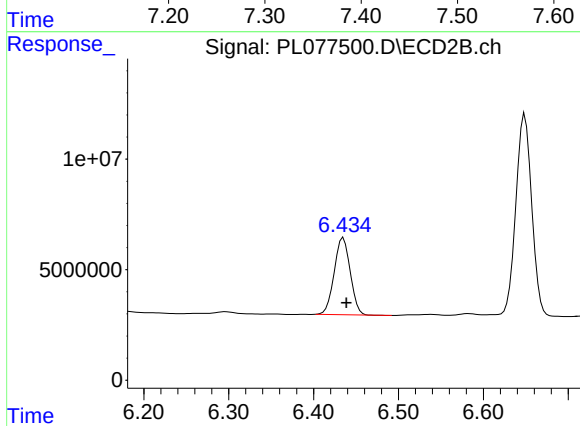
#19 Endosulfan Sulfate

R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 110628813
Conc: 45.93 ng/ml



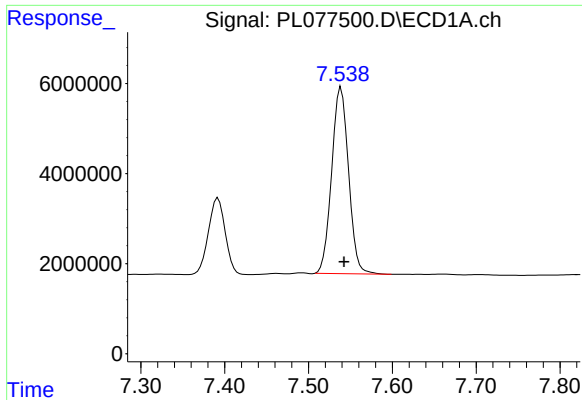
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 23673646
Conc: 39.04 ng/ml



#20 Methoxychlor

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 45625632
Conc: 35.70 ng/ml



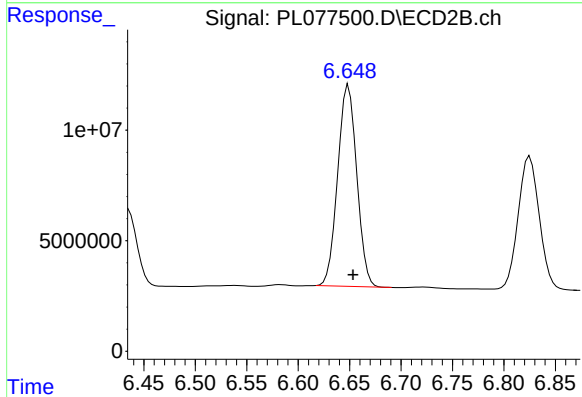
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 57877956
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

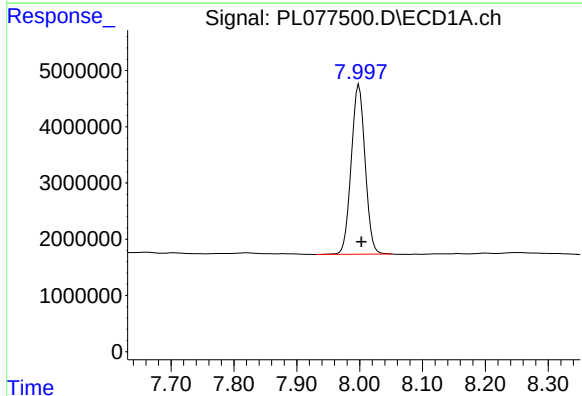
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Reviewed By :Abdul Mirza 09/06/2022
Supervised By :Ankita Jodhani 09/07/2022



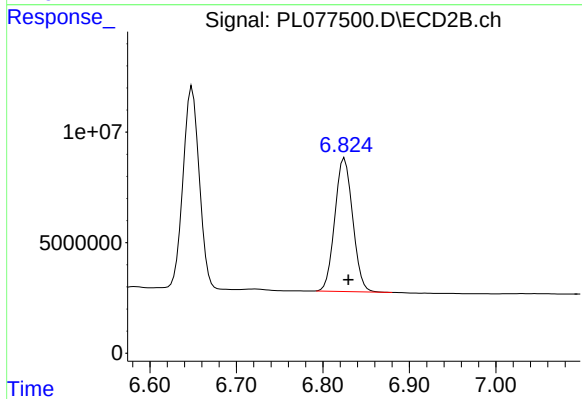
#21 Endrin ketone

R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 117677191
Conc: 45.65 ng/ml



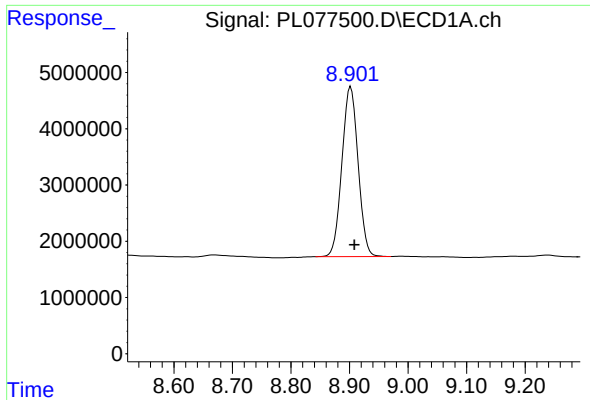
#22 Mirex

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 46102423
Conc: 47.90 ng/ml



#22 Mirex

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 86002878
Conc: 42.53 ng/ml



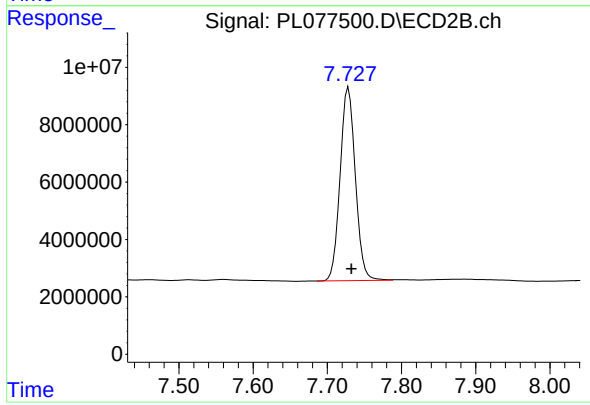
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 57956065
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/07/2022



#28 Decachlorobiphenyl

R.T.: 7.729 min
Delta R.T.: -0.004 min
Response: 96214036
Conc: 40.77 ng/ml