

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 00:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.455	2.702	166.9E6	46412390	51.705	47.446
28)	SA Decachlor...	9.063f	7.902	136.1E6	44993263	59.538	46.759
Target Compounds							
2)	A alpha-BHC	3.915	3.209	242.4E6	63805797	53.864	49.785
3)	MA gamma-BHC...	4.250	3.541	227.3E6	62521098	54.749	49.361
4)	MA Heptachlor	4.846	3.884	231.9E6	62022028	57.367	49.832
5)	MB Aldrin	5.191	4.165	220.4E6	59076973	55.254	49.116
6)	B beta-BHC	4.452	3.842	97309320	28430774	57.225	50.112
7)	B delta-BHC	4.698	4.072	221.0E6	63294330	61.115	52.075
8)	B Heptachlo...	5.624	4.674	188.2E6	55007151	53.407	49.799
9)	A Endosulfan I	6.012	5.045	176.3E6	50447480	53.820	47.463
10)	B gamma-Chl...	5.883	4.928	186.3E6	54920100	54.166	51.046
11)	B alpha-Chl...	5.964	4.992	185.9E6	54421187	54.133	48.830
12)	B 4,4'-DDE	6.149	5.191	152.2E6	52235789	60.697	58.777
13)	MA Dieldrin	6.292	5.313	180.5E6	56560561	55.697	56.437
14)	MA Endrin	6.523	5.588	144.5E6	50963170	65.470	62.471
15)	B Endosulfa...	6.746	5.886	153.6E6	48239952	59.430	54.805
16)	A 4,4'-DDD	6.674	5.750	126.2E6	42802263	62.774	55.211
17)	MA 4,4'-DDT	6.993	6.003	130.2E6	45120545	65.612m	59.427
18)	B Endrin al...	6.880	6.069	111.4E6	33797161	61.367	49.355
19)	B Endosulfa...	7.119	6.294	151.4E6	44468020	61.351	50.393
20)	A Methoxychlor	7.488	6.590	67208622	24975758	63.136	52.239
21)	B Endrin ke...	7.607	6.800	146.8E6	50698128	57.578	50.130
22)	Mirex	8.086	6.983	126.1E6	43023858	55.986	48.486

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 00:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

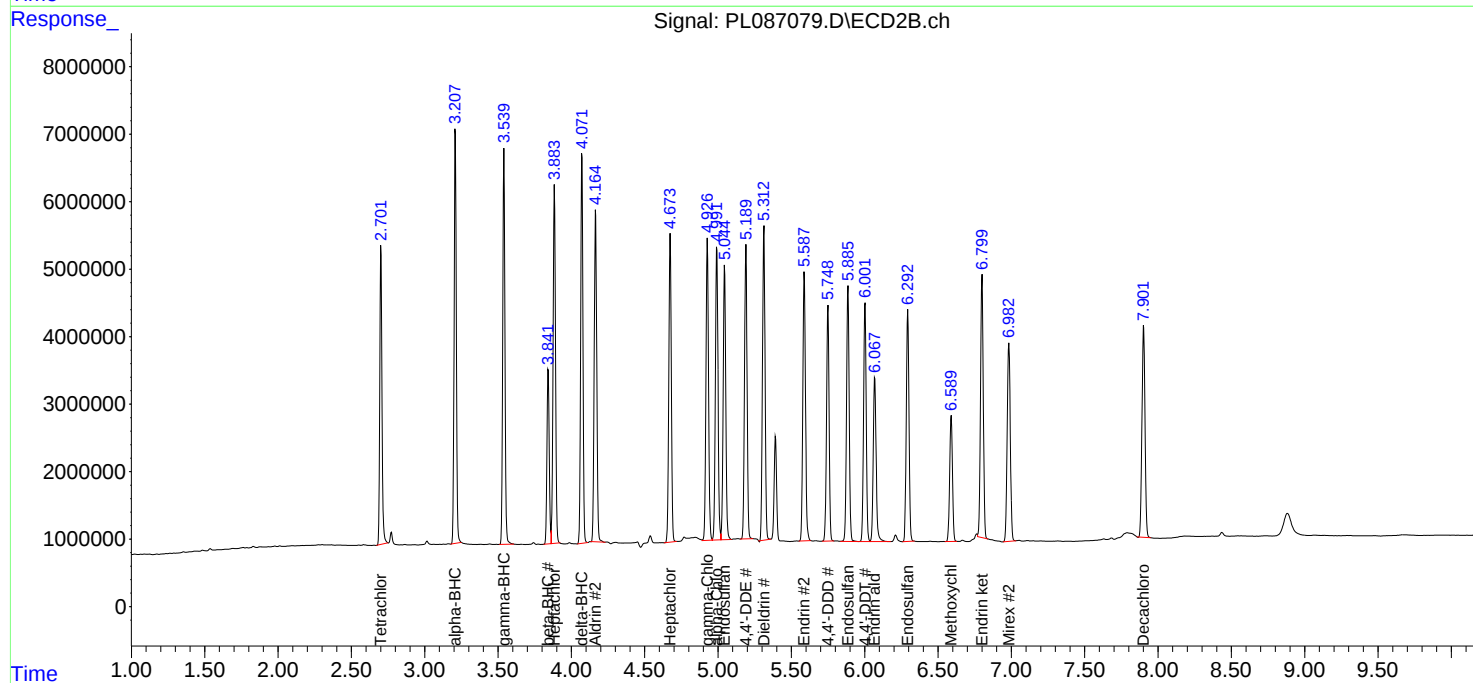
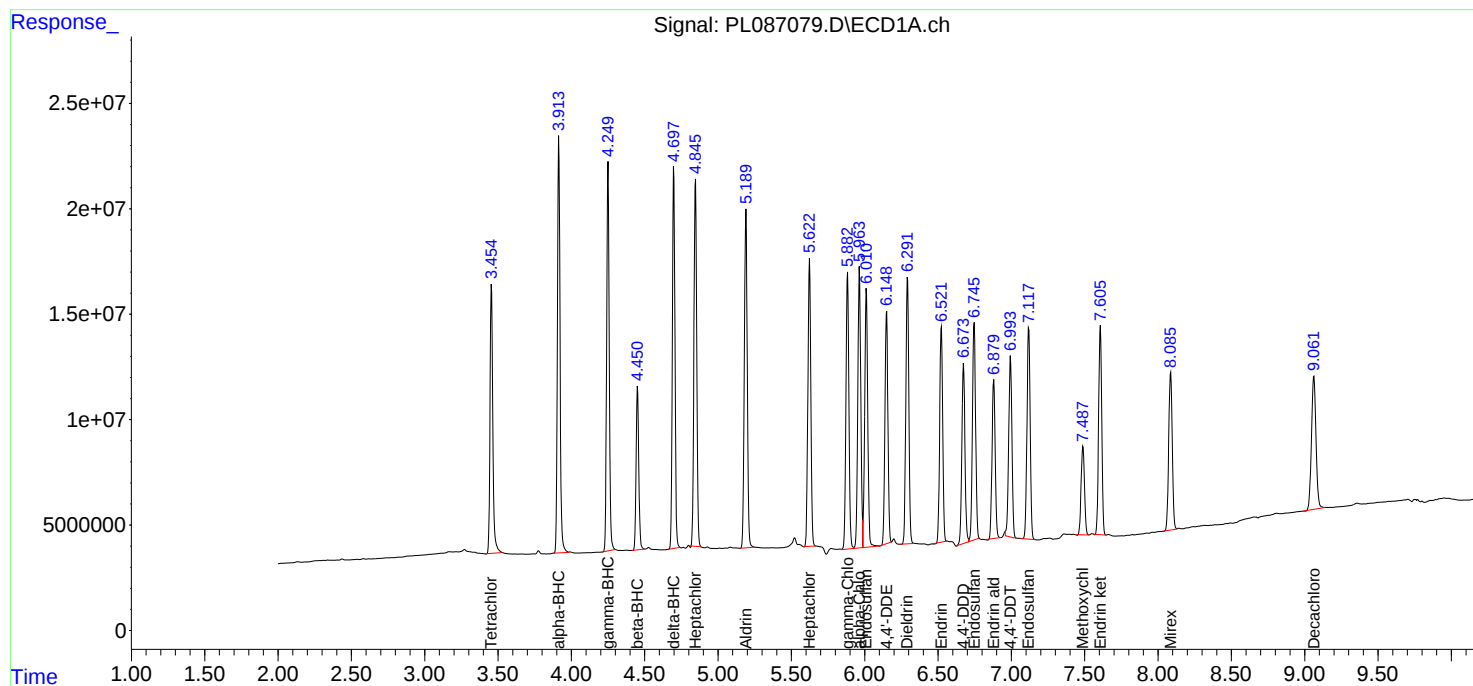
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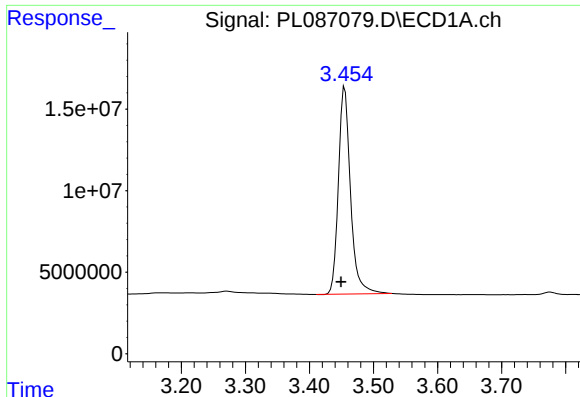
Reviewed By :Abdul Mirza 12/12/2023

Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:24:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





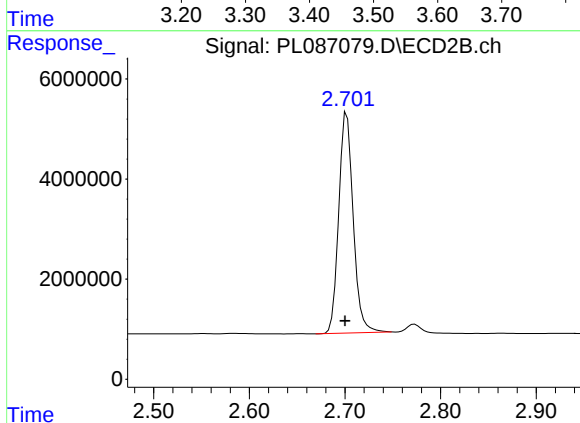
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.006 min
Response: 166866773
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

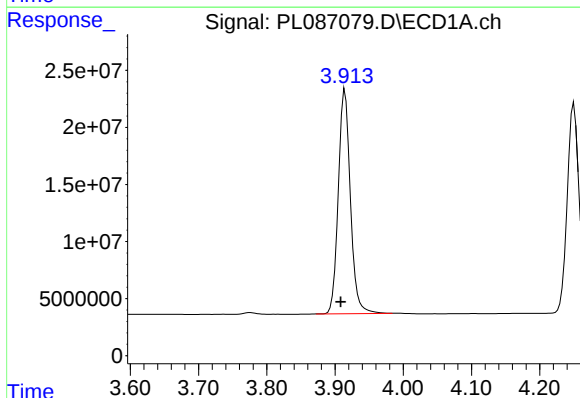
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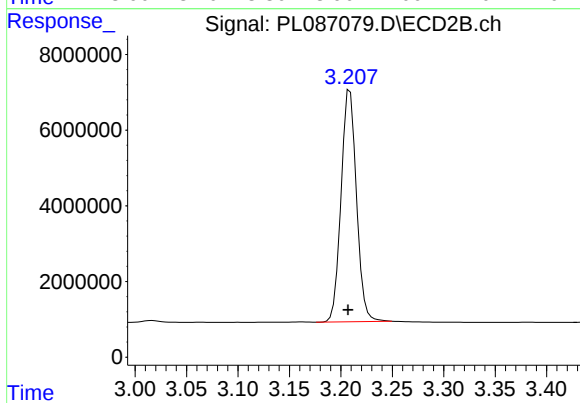
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.002 min
Response: 46412390
Conc: 47.45 ng/ml



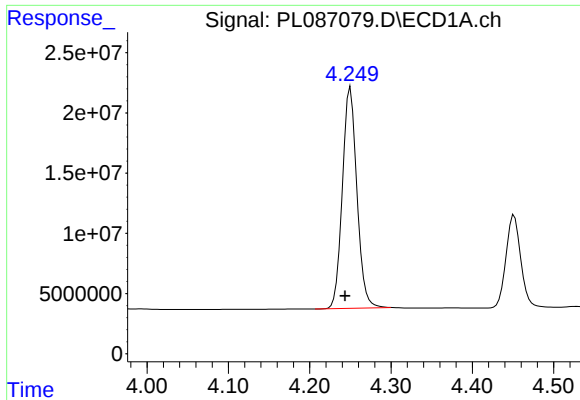
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.006 min
Response: 242401018
Conc: 53.86 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 63805797
Conc: 49.79 ng/ml



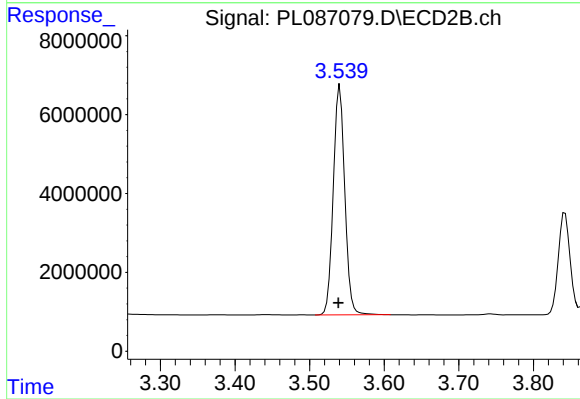
#3 gamma-BHC (Lindane)

R.T.: 4.250 min
Delta R.T.: 0.007 min
Response: 227323537
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

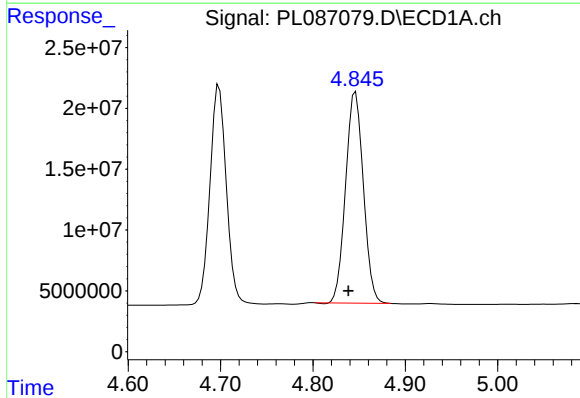
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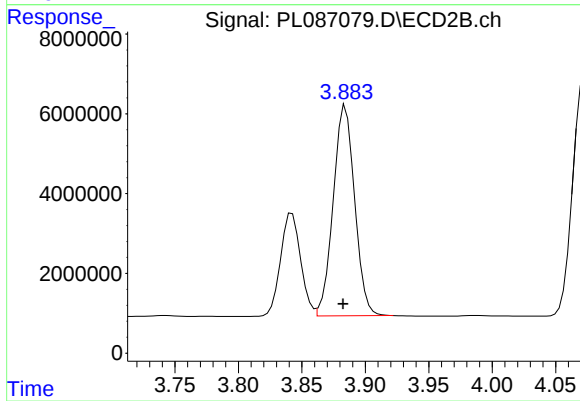
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 62521098
Conc: 49.36 ng/ml



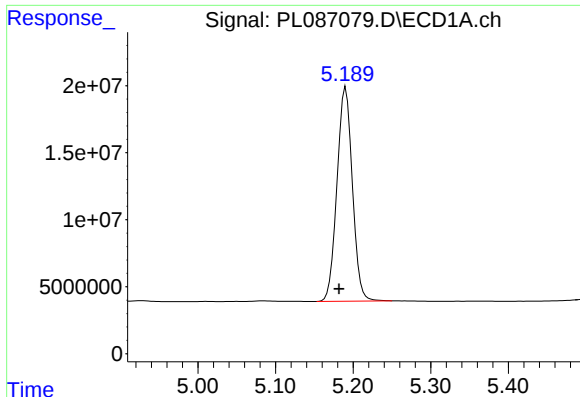
#4 Heptachlor

R.T.: 4.846 min
Delta R.T.: 0.008 min
Response: 231942927
Conc: 57.37 ng/ml



#4 Heptachlor

R.T.: 3.884 min
Delta R.T.: 0.002 min
Response: 62022028
Conc: 49.83 ng/ml



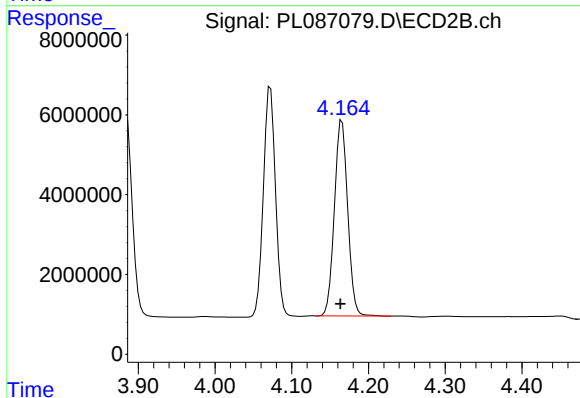
#5 Aldrin

R.T.: 5.191 min
Delta R.T.: 0.009 min
Response: 220362451
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

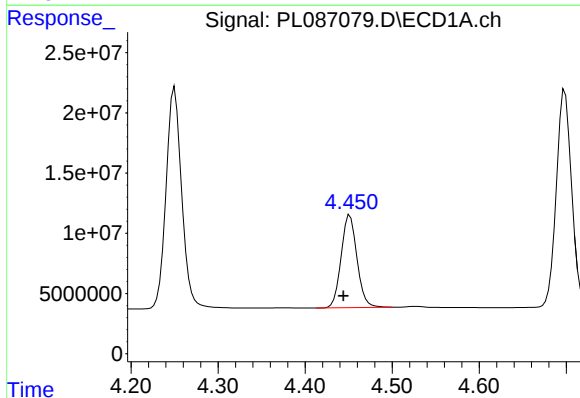
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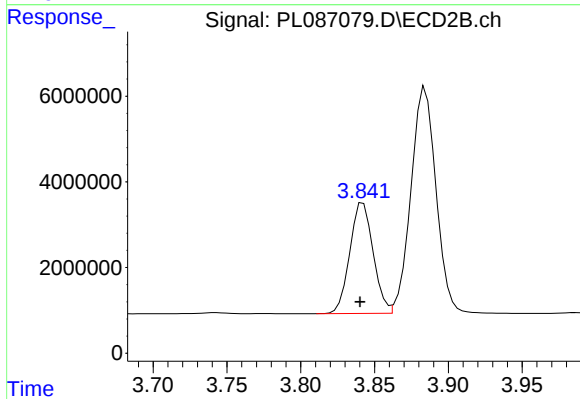
#5 Aldrin

R.T.: 4.165 min
Delta R.T.: 0.002 min
Response: 59076973
Conc: 49.12 ng/ml



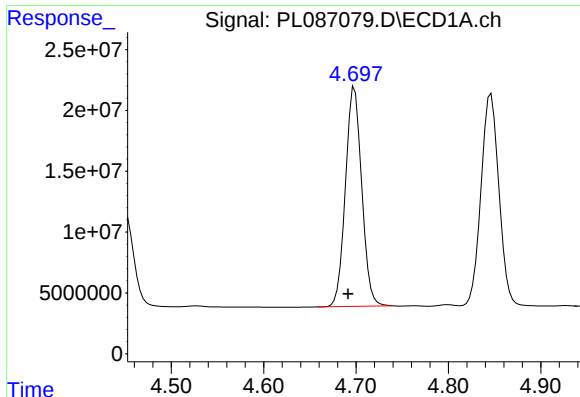
#6 beta-BHC

R.T.: 4.452 min
Delta R.T.: 0.008 min
Response: 97309320
Conc: 57.22 ng/ml



#6 beta-BHC

R.T.: 3.842 min
Delta R.T.: 0.002 min
Response: 28430774
Conc: 50.11 ng/ml



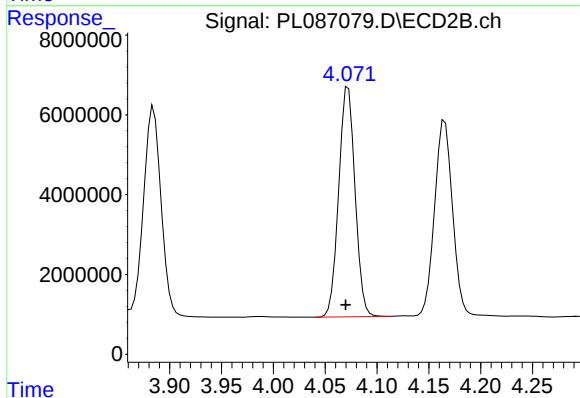
#7 delta-BHC

R.T.: 4.698 min
Delta R.T.: 0.007 min
Response: 221047407
Conc: 61.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

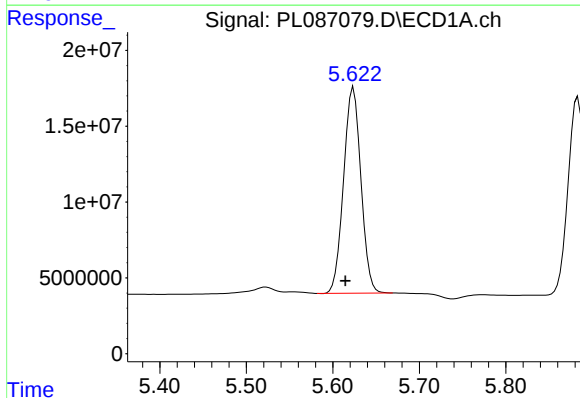
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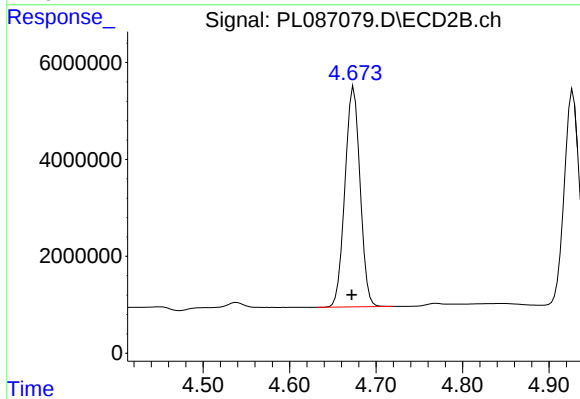
#7 delta-BHC

R.T.: 4.072 min
Delta R.T.: 0.002 min
Response: 63294330
Conc: 52.07 ng/ml



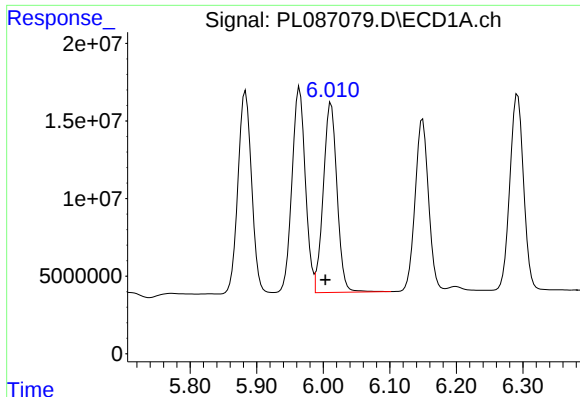
#8 Heptachlor epoxide

R.T.: 5.624 min
Delta R.T.: 0.009 min
Response: 188164051
Conc: 53.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 55007151
Conc: 49.80 ng/ml



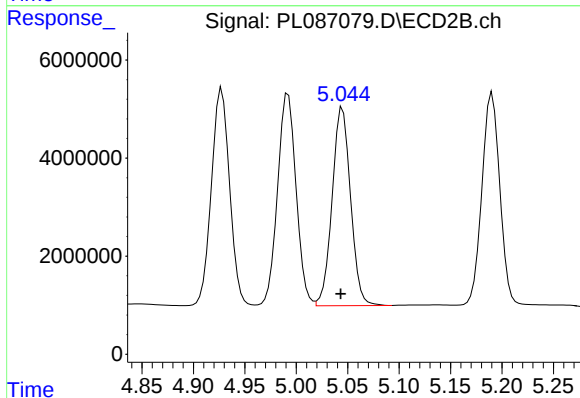
#9 Endosulfan I

R.T.: 6.012 min
Delta R.T.: 0.009 min
Response: 176343796
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

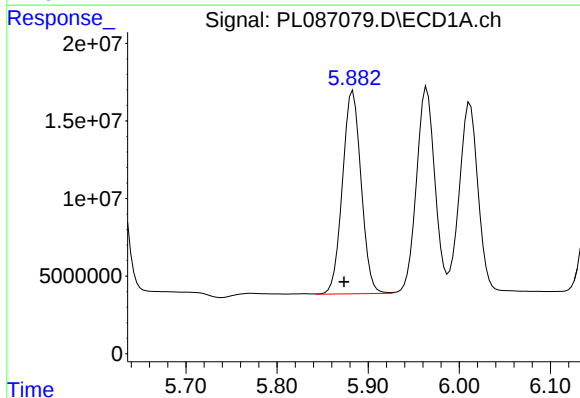
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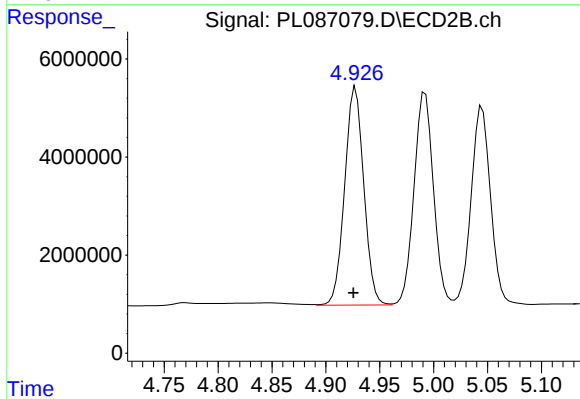
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 50447480
Conc: 47.46 ng/ml



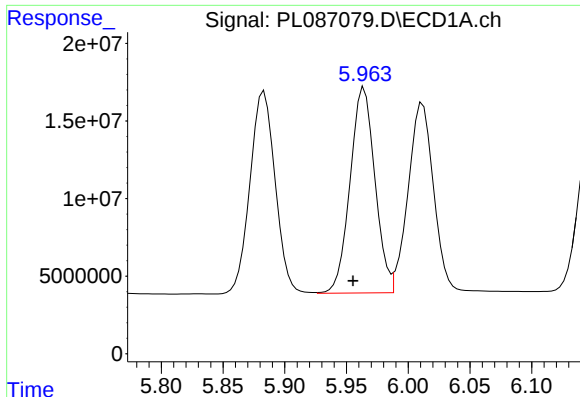
#10 gamma-Chlordane

R.T.: 5.883 min
Delta R.T.: 0.010 min
Response: 186309842
Conc: 54.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 54920100
Conc: 51.05 ng/ml



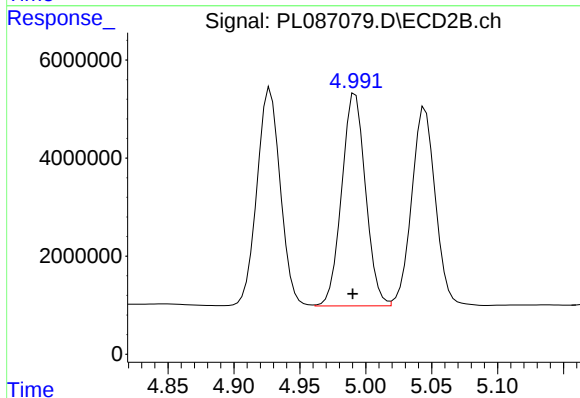
#11 alpha-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.009 min
Response: 185851769
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

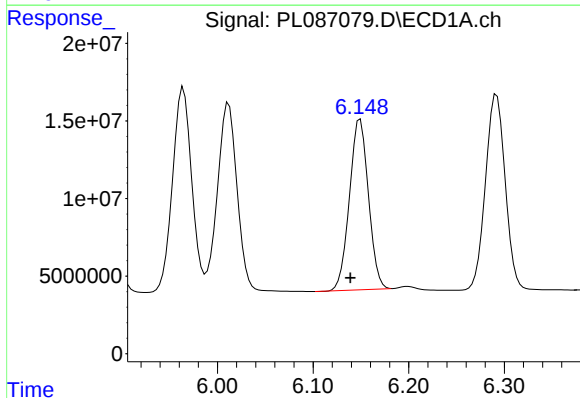
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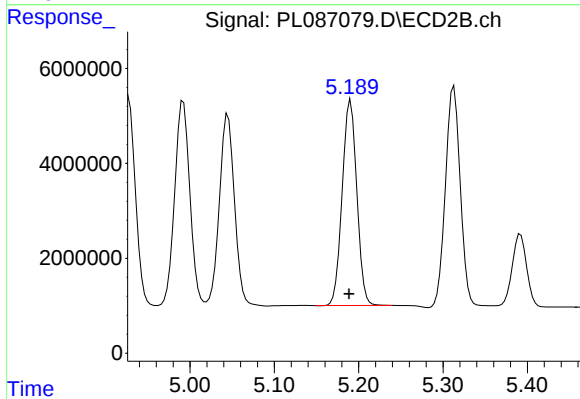
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 54421187
Conc: 48.83 ng/ml



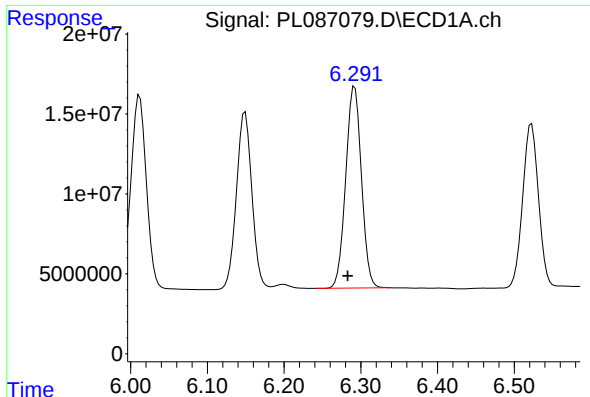
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.010 min
Response: 152186440
Conc: 60.70 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 52235789
Conc: 58.78 ng/ml



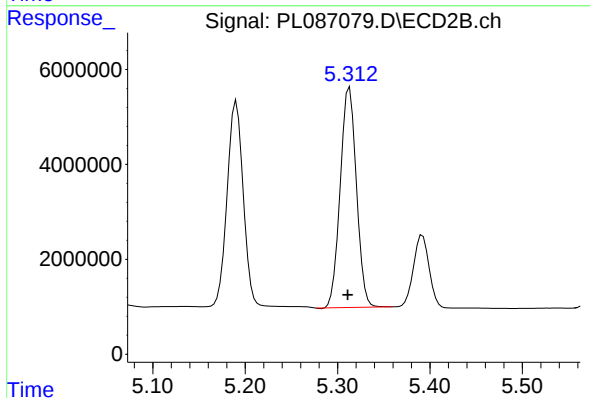
#13 Dieldrin

R.T.: 6.292 min
Delta R.T.: 0.009 min
Response: 180481707
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

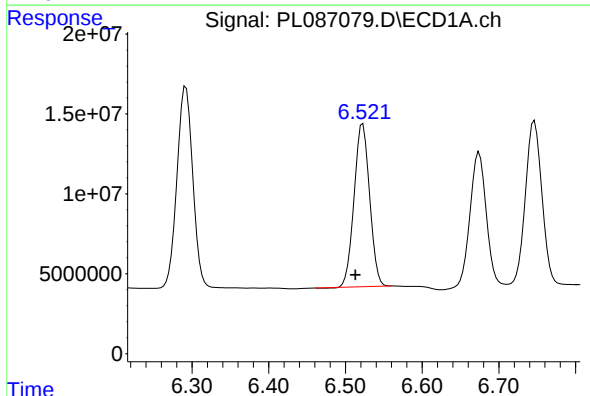
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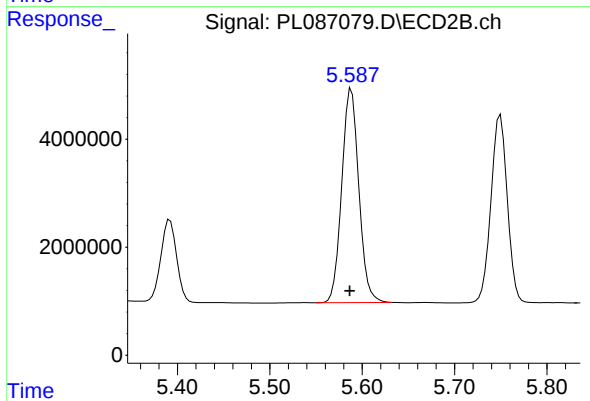
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.002 min
Response: 56560561
Conc: 56.44 ng/ml



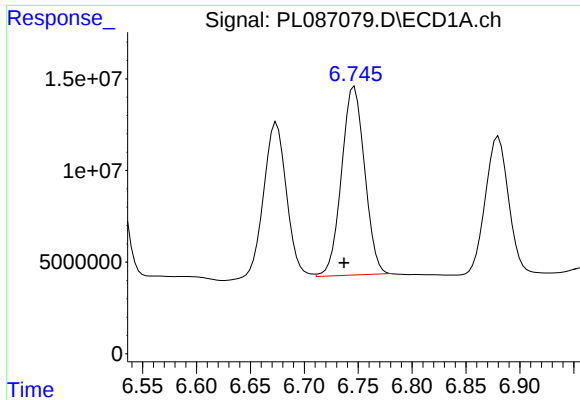
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.010 min
Response: 144478904
Conc: 65.47 ng/ml



#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 50963170
Conc: 62.47 ng/ml



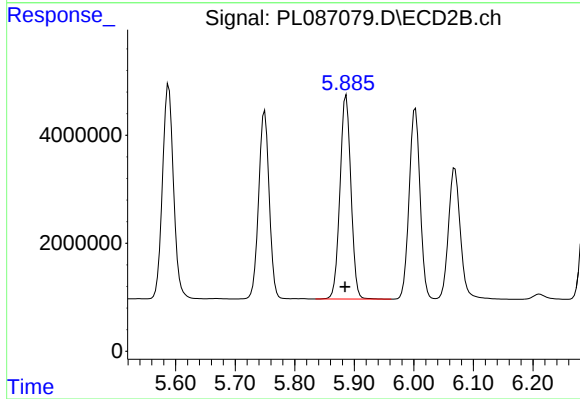
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.010 min
Response: 153580316
Conc: 59.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

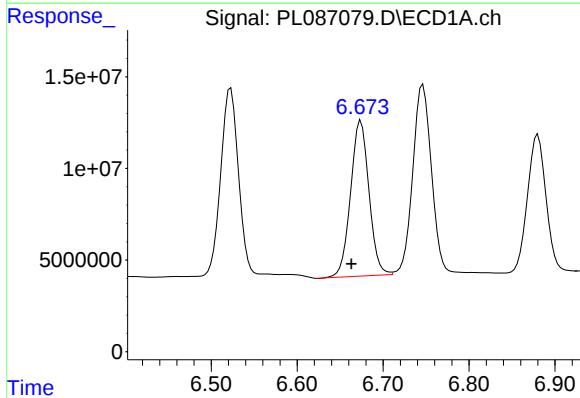
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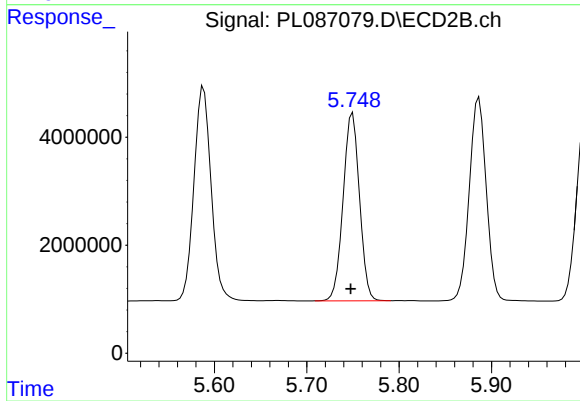
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 48239952
Conc: 54.80 ng/ml



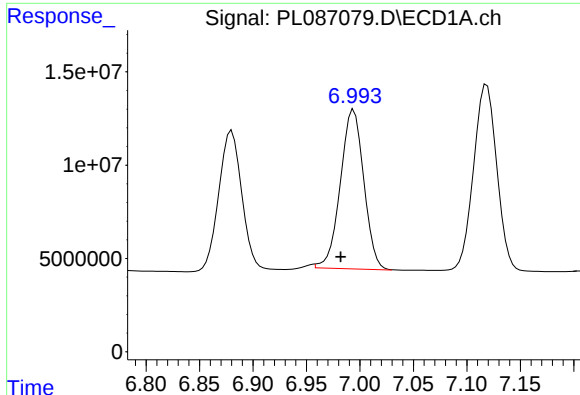
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.011 min
Response: 126153660
Conc: 62.77 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 42802263
Conc: 55.21 ng/ml



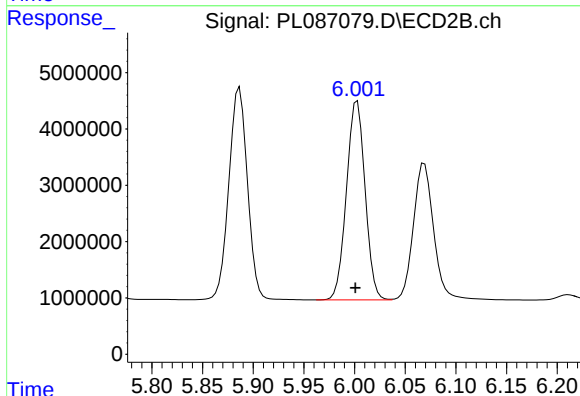
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.011 min
Response: 130240919
Conc: 65.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

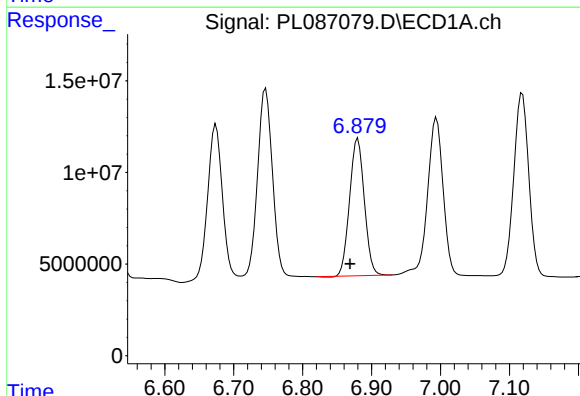
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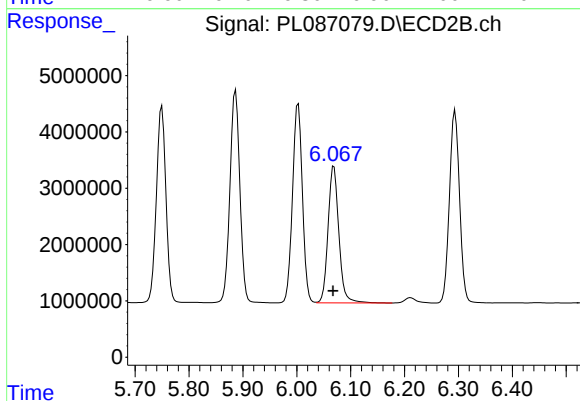
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 45120545
Conc: 59.43 ng/ml



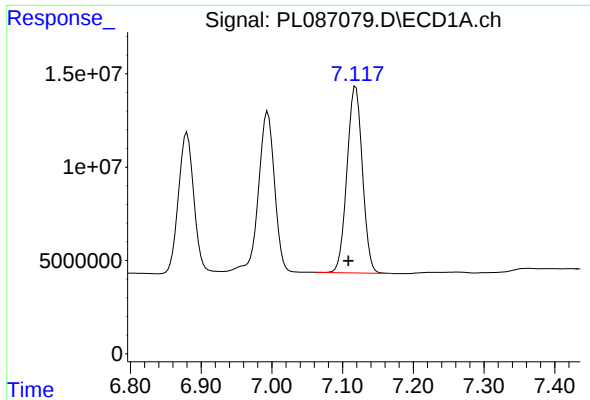
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.011 min
Response: 111371137
Conc: 61.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 33797161
Conc: 49.36 ng/ml



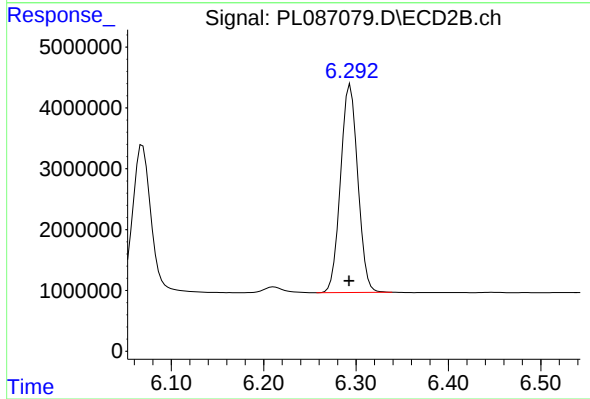
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.011 min
Response: 151351789
Conc: 61.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

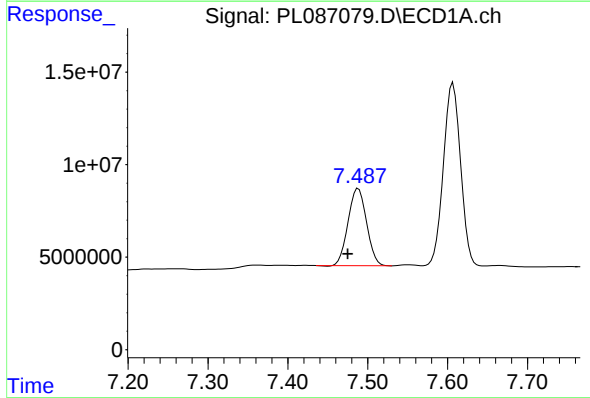
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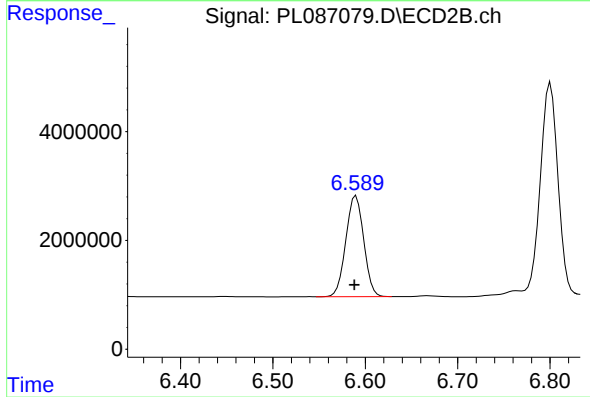
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 44468020
Conc: 50.39 ng/ml



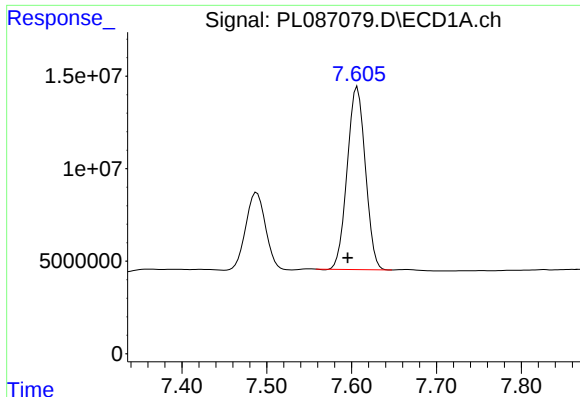
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.013 min
Response: 67208622
Conc: 63.14 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 24975758
Conc: 52.24 ng/ml



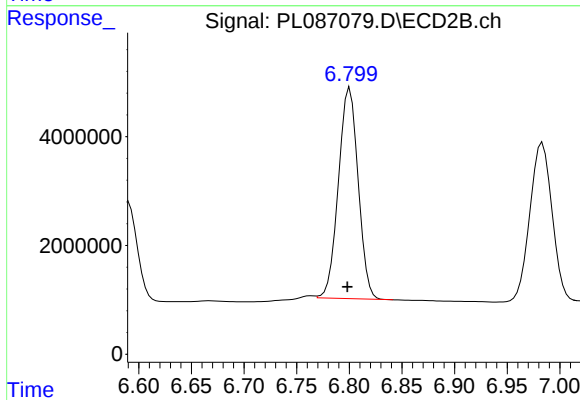
#21 Endrin ketone

R.T.: 7.607 min
Delta R.T.: 0.012 min
Response: 146844577
Conc: 57.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

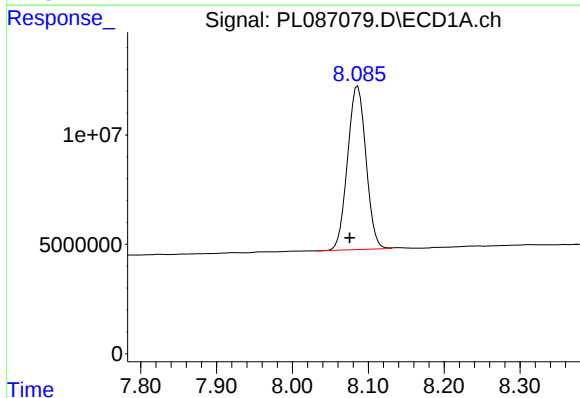
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



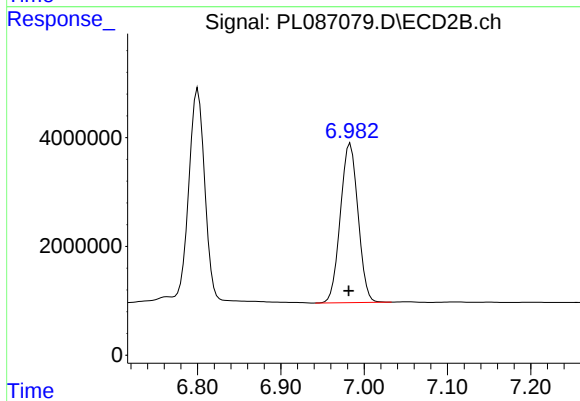
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 50698128
Conc: 50.13 ng/ml



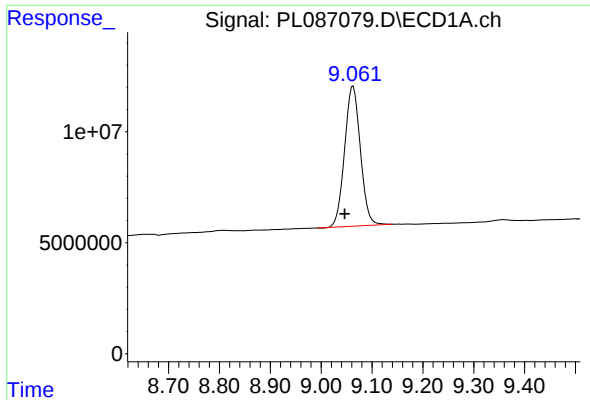
#22 Mirex

R.T.: 8.086 min
Delta R.T.: 0.011 min
Response: 126089290
Conc: 55.99 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.002 min
Response: 43023858
Conc: 48.49 ng/ml



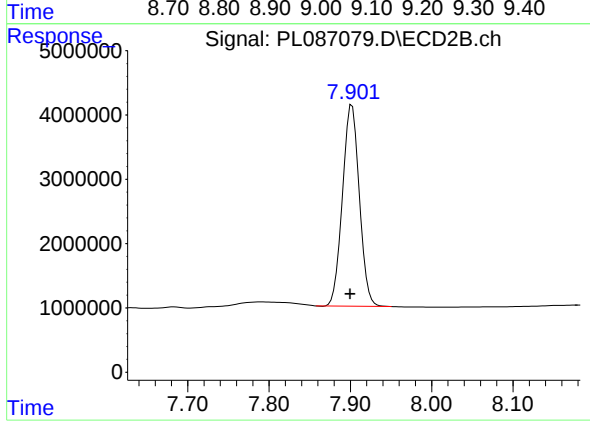
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.016 min
Response: 136089497
Conc: 59.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.003 min
Response: 44993263
Conc: 46.76 ng/ml