

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092123\
 Data File : PL085461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 12:16
 Operator : AR\AJ
 Sample : PB155663BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB155663BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2023
 Supervised By : Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 18:10:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.410	2.652	56344917	23994596	16.918	15.773
28)	SA Decachlor...	8.945	7.829	62923999	34476329	18.486	17.610
Target Compounds							
2)	A alpha-BHC	3.867	3.155	276.5E6	121.6E6	56.115	52.182
3)	MA gamma-BHC...	4.200	3.485	259.9E6	116.0E6	53.183	50.341
4)	MA Heptachlor	4.790	3.824	271.6E6	119.3E6	58.925	55.477
5)	MB Aldrin	5.132	4.103	259.6E6	117.6E6	53.624	50.268
6)	B beta-BHC	4.401	3.787	110.4E6	49485568	53.016	51.492
7)	B delta-BHC	4.645	4.015	265.4E6	120.7E6	55.637m	52.262
8)	B Heptachlo...	5.560	4.609	233.1E6	107.8E6	54.333m	52.145
9)	A Endosulfan I	5.947	4.978	224.3E6	104.5E6	54.422	51.196
10)	B gamma-Chl...	5.820	4.861	241.4E6	112.8E6	55.037	53.194
11)	B alpha-Chl...	5.899	4.926	236.9E6	112.0E6	53.897	51.473
12)	B 4,4'-DDE	6.082	5.125	221.9E6	107.6E6	55.629	53.154
13)	MA Dieldrin	6.225	5.245	232.8E6	112.4E6	53.667	51.375
14)	MA Endrin	6.454	5.520	201.3E6	100.8E6	56.104	53.824
15)	B Endosulfa...	6.677	5.819	196.3E6	96228429	49.618	49.073
16)	A 4,4'-DDD	6.601	5.682	182.2E6	92137314	55.905	53.566m
17)	MA 4,4'-DDT	6.918	5.935	201.9E6	98899760	56.251	54.280
18)	B Endrin al...	6.806	6.001	153.9E6	79465805	52.845m	50.155
19)	B Endosulfa...	7.045	6.226	198.3E6	99238409	54.232	52.767
20)	A Methoxychlor	7.403	6.521	107.6E6	52220791	49.093	49.229
21)	B Endrin ke...	7.528	6.730	211.9E6	121.3E6	52.189	48.571
22)	Mirex	8.003	6.909	161.5E6	90141172	50.792	49.582

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092123\
Data File : PL085461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Sep 2023 12:16
Operator : AR\AJ
Sample : PB155663BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

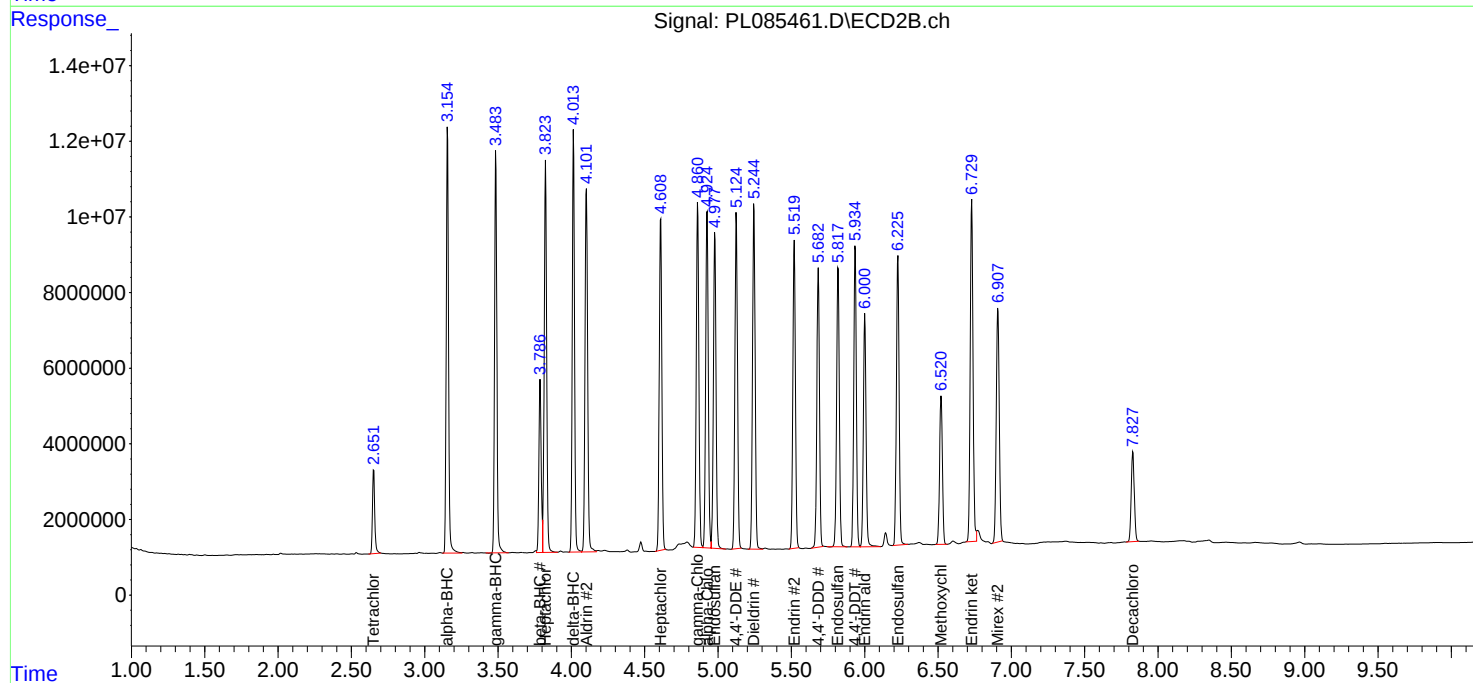
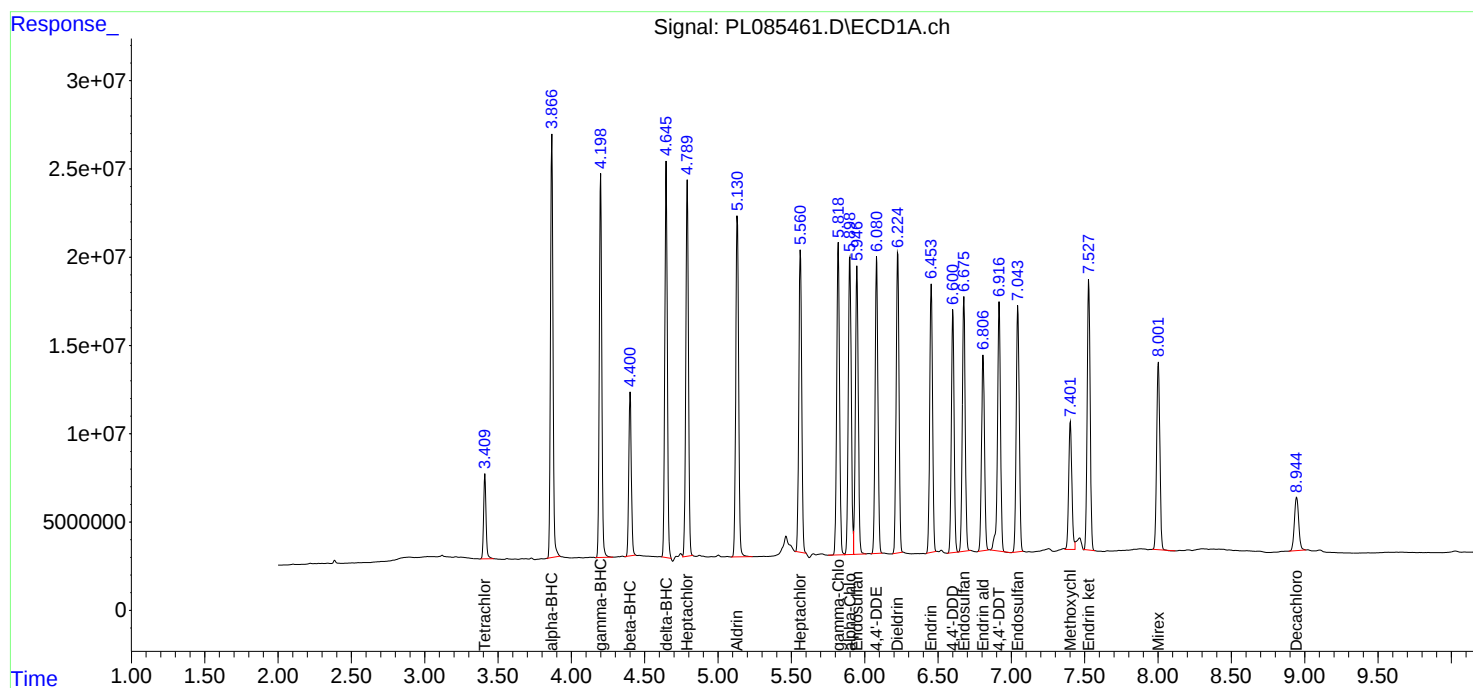
Instrument :
ECD_L
ClientSampleId :
PB155663BS

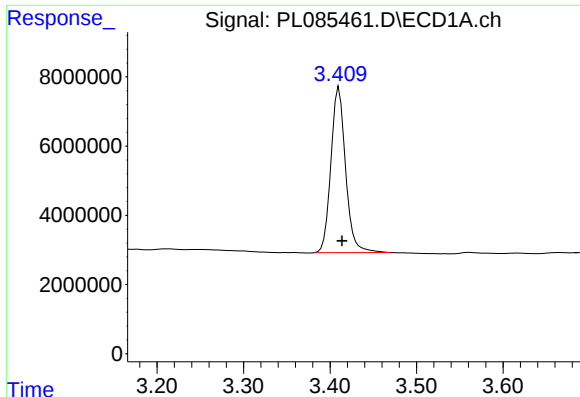
Manual Integrations
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Supervised By : Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 18:10:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 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





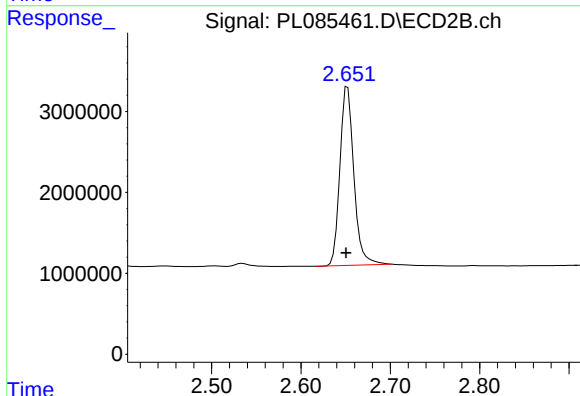
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.004 min
Response: 56344917
Conc: 16.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

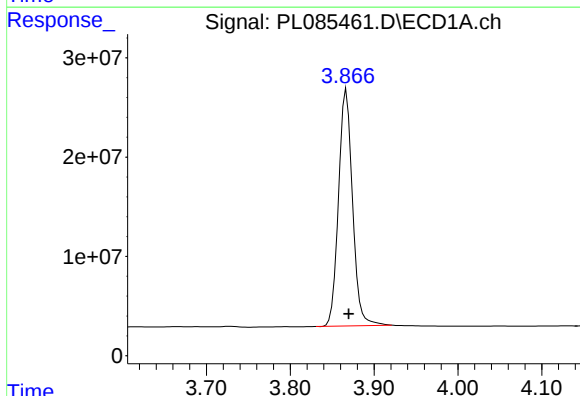
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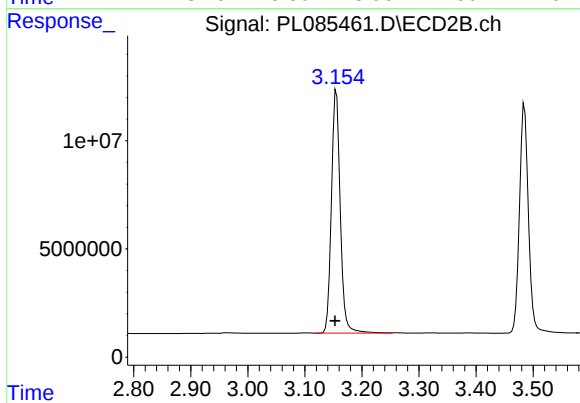
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.002 min
Response: 23994596
Conc: 15.77 ng/ml



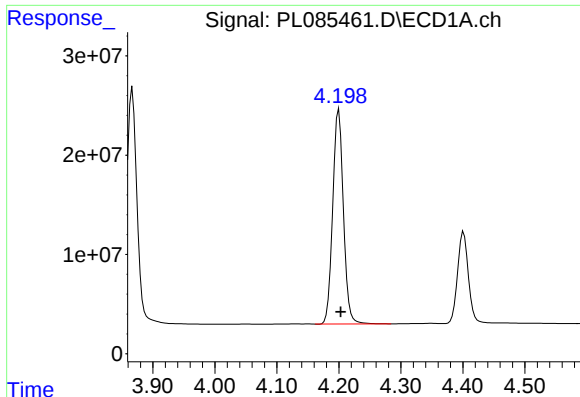
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 276545213
Conc: 56.11 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.002 min
Response: 121589345
Conc: 52.18 ng/ml



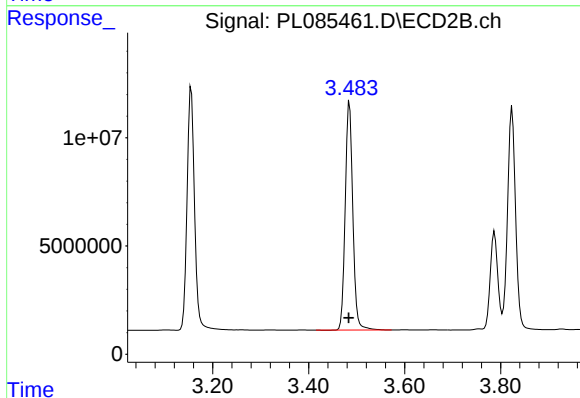
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 259949780
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

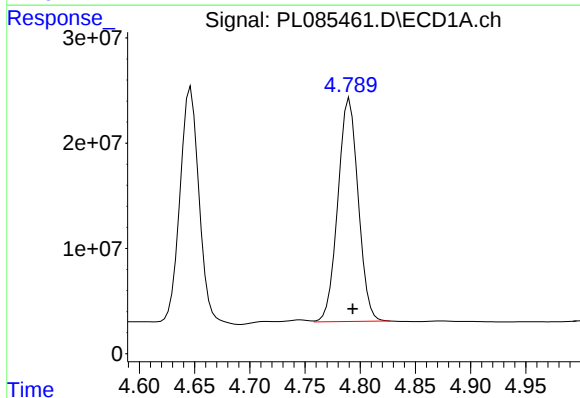
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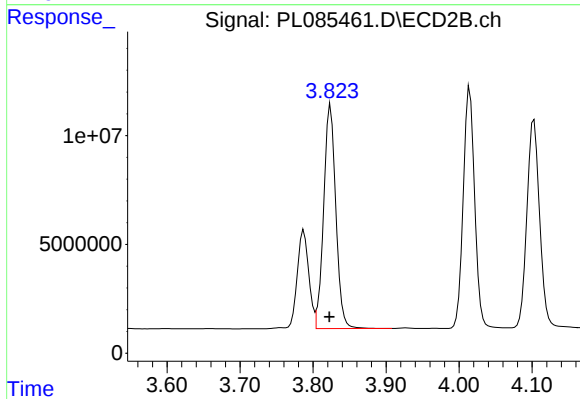
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 115962358
Conc: 50.34 ng/ml



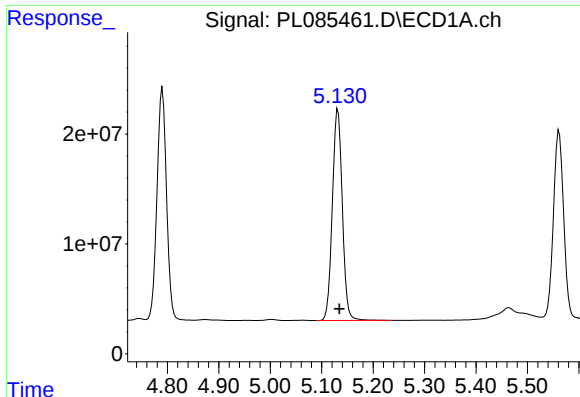
#4 Heptachlor

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 271593920
Conc: 58.93 ng/ml



#4 Heptachlor

R.T.: 3.824 min
Delta R.T.: 0.002 min
Response: 119308161
Conc: 55.48 ng/ml



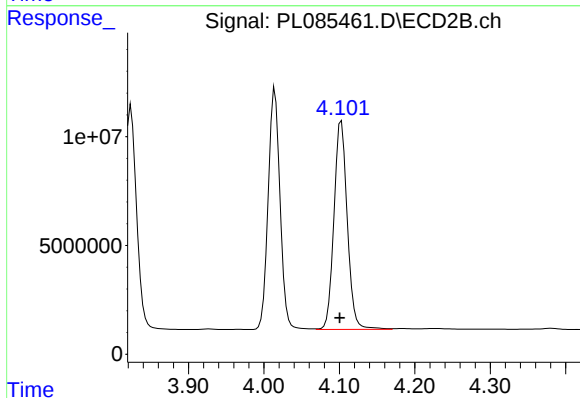
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 259577814
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

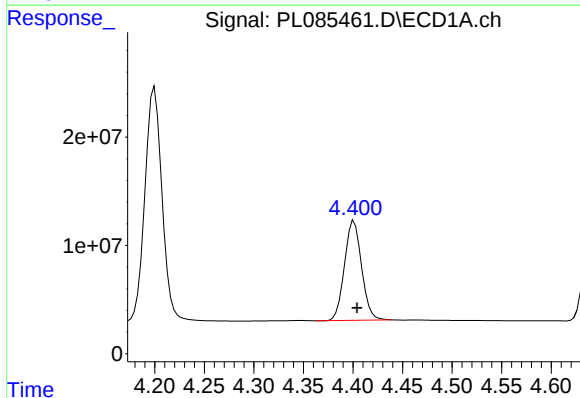
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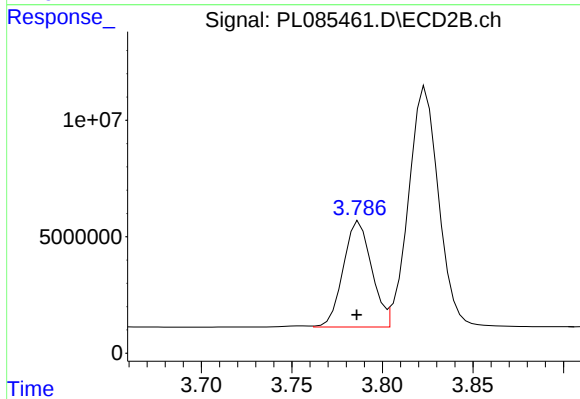
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: 0.002 min
Response: 117589577
Conc: 50.27 ng/ml



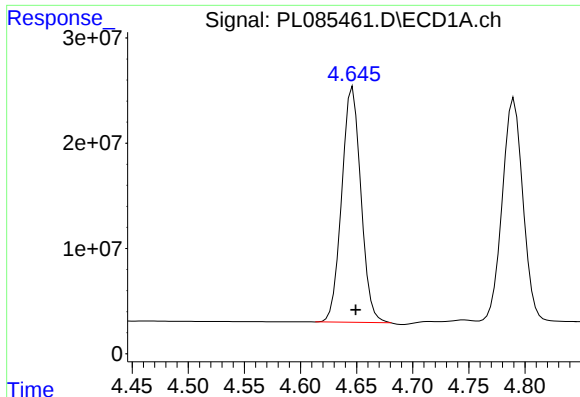
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: -0.003 min
Response: 110394955
Conc: 53.02 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 49485568
Conc: 51.49 ng/ml



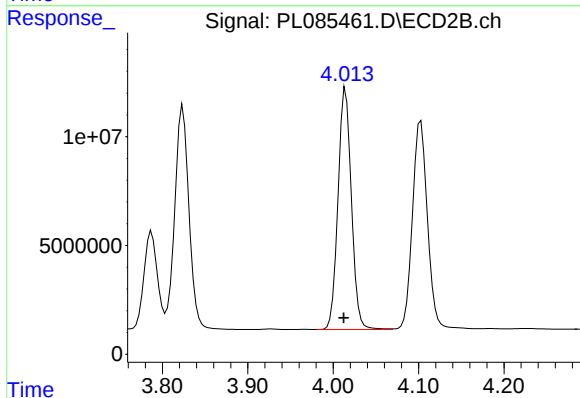
#7 delta-BHC

R.T.: 4.645 min
Delta R.T.: -0.004 min
Response: 265379736
Conc: 55.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

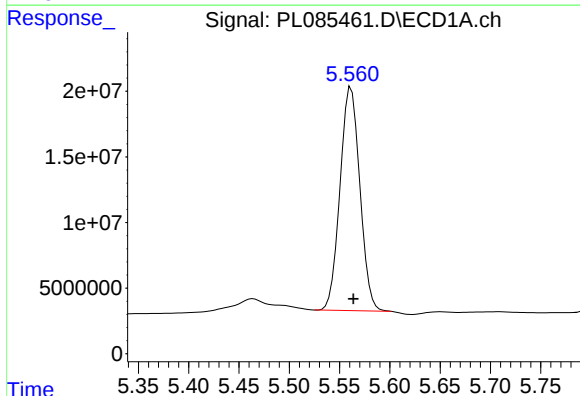
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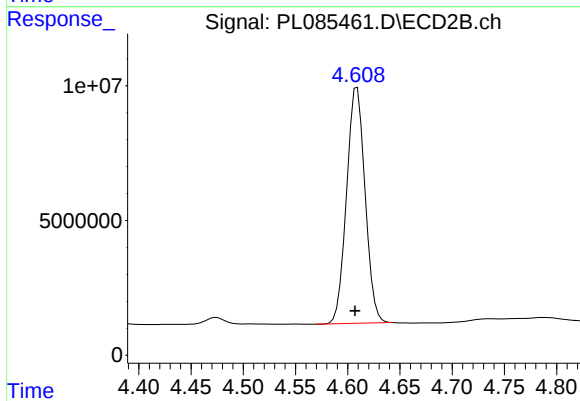
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: 0.002 min
Response: 120679695
Conc: 52.26 ng/ml



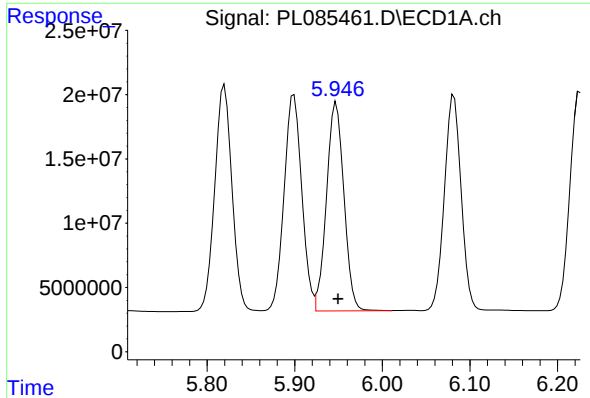
#8 Heptachlor epoxide

R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 233137460
Conc: 54.33 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.609 min
Delta R.T.: 0.002 min
Response: 107812468
Conc: 52.14 ng/ml



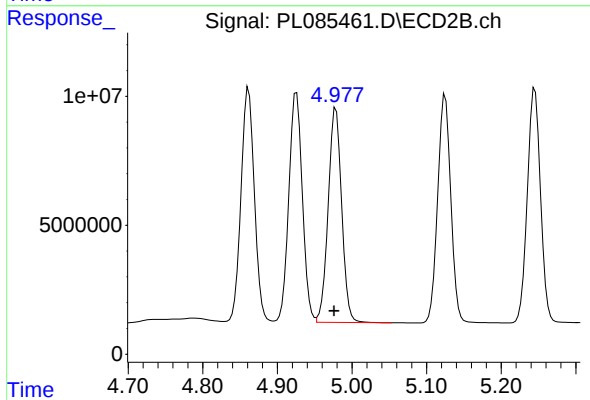
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 224324713
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

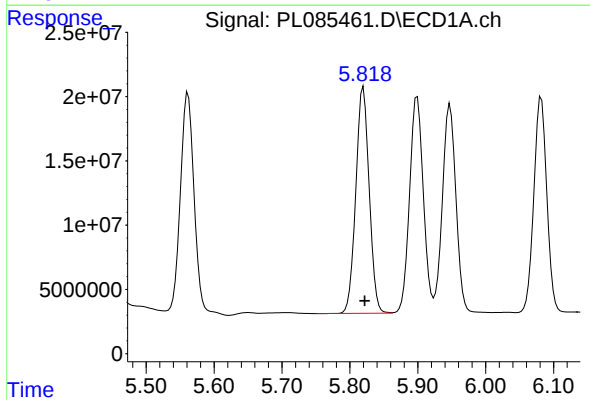
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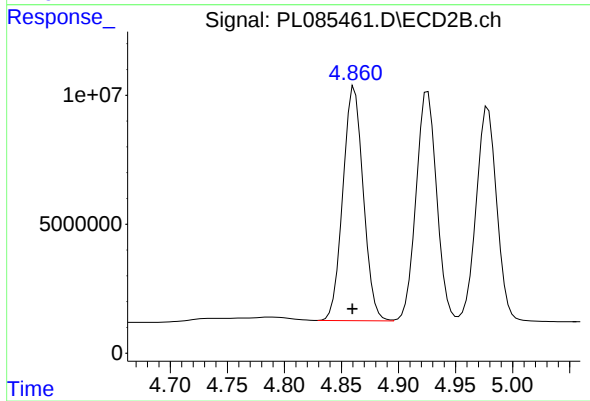
#9 Endosulfan I

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 104505407
Conc: 51.20 ng/ml



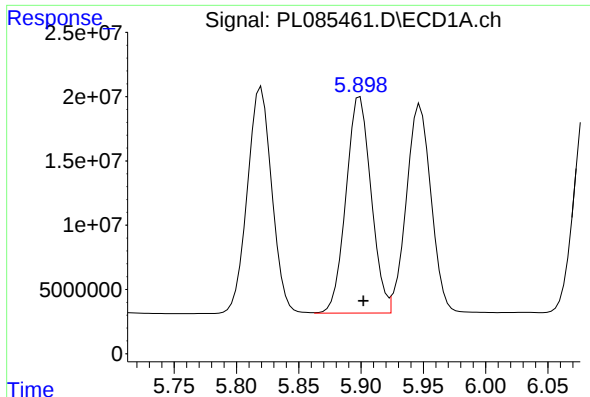
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 241382837
Conc: 55.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.861 min
Delta R.T.: 0.002 min
Response: 112814320
Conc: 53.19 ng/ml



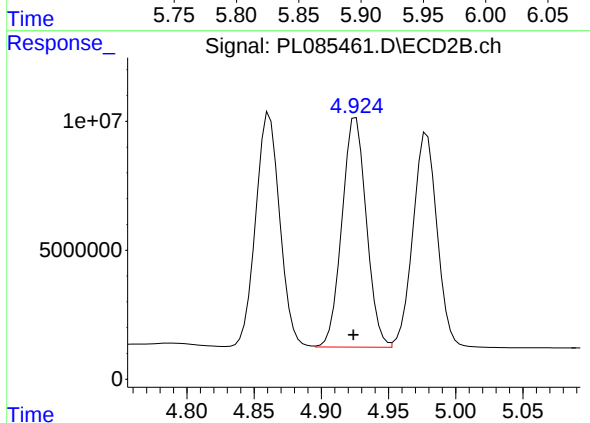
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 236925232
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

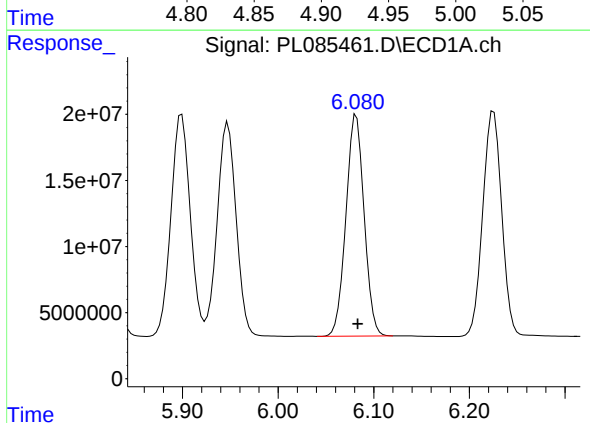
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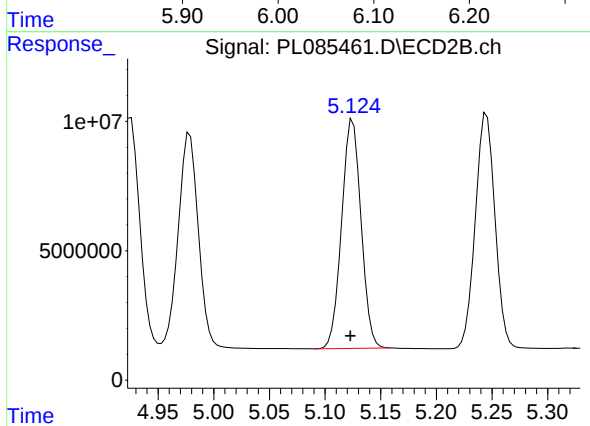
#11 alpha-Chlordane

R.T.: 4.926 min
Delta R.T.: 0.002 min
Response: 112049894
Conc: 51.47 ng/ml



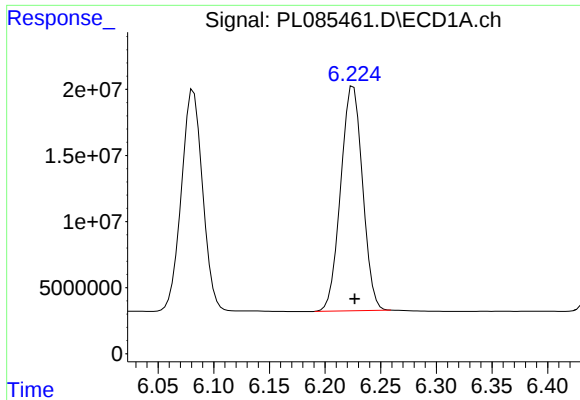
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 221933824
Conc: 55.63 ng/ml



#12 4,4'-DDE

R.T.: 5.125 min
Delta R.T.: 0.002 min
Response: 107587189
Conc: 53.15 ng/ml



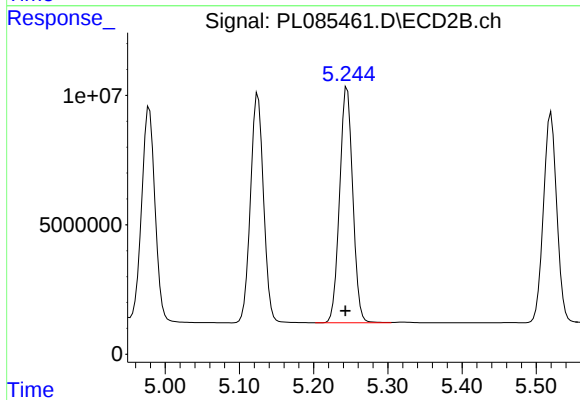
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: -0.001 min
Response: 232793977
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

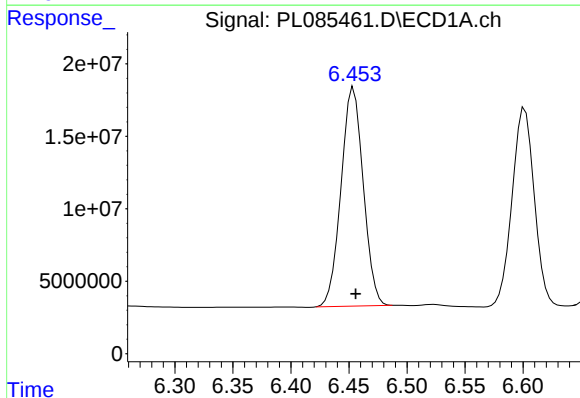
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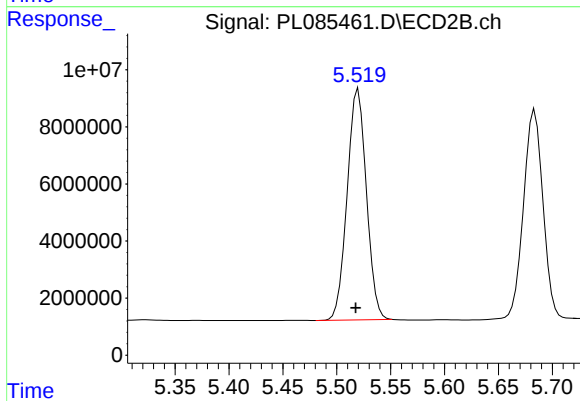
#13 Dieldrin

R.T.: 5.245 min
Delta R.T.: 0.002 min
Response: 112363642
Conc: 51.37 ng/ml



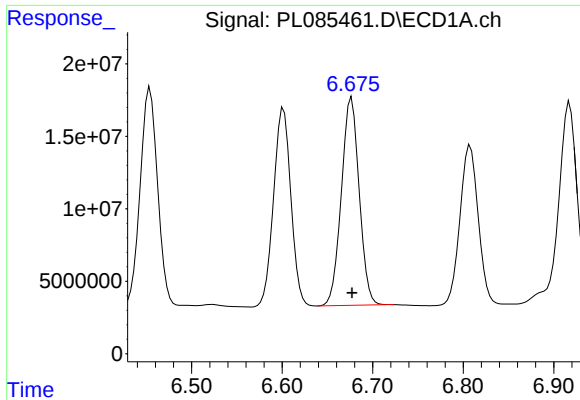
#14 Endrin

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 201304559
Conc: 56.10 ng/ml



#14 Endrin

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 100828525
Conc: 53.82 ng/ml



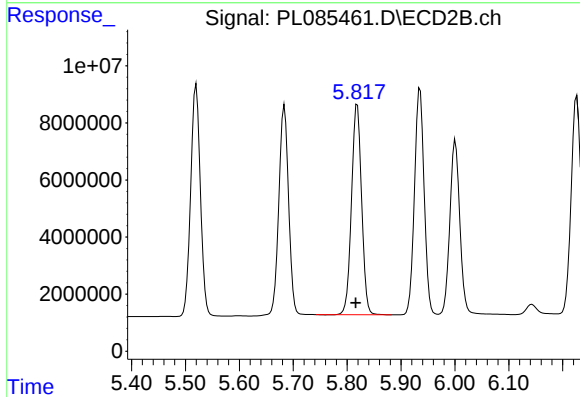
#15 Endosulfan II

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 196316888
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

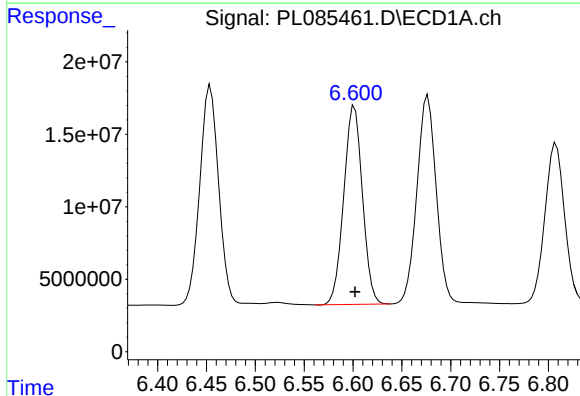
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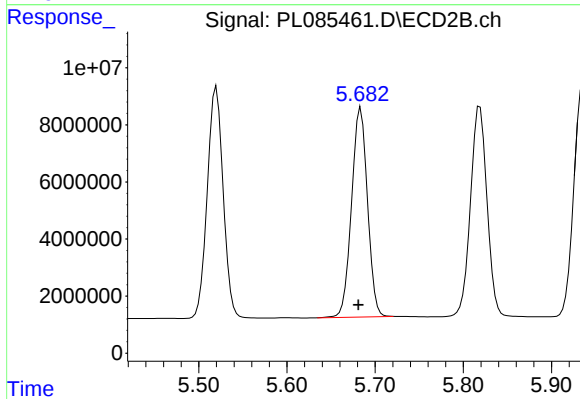
#15 Endosulfan II

R.T.: 5.819 min
Delta R.T.: 0.003 min
Response: 96228429
Conc: 49.07 ng/ml



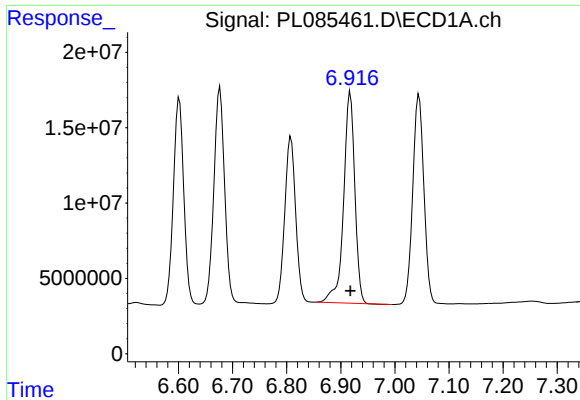
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 182155248
Conc: 55.90 ng/ml



#16 4,4'-DDD

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 92137314
Conc: 53.57 ng/ml m



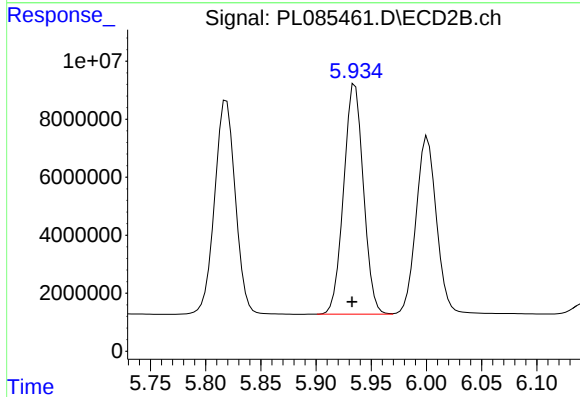
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 201945253
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

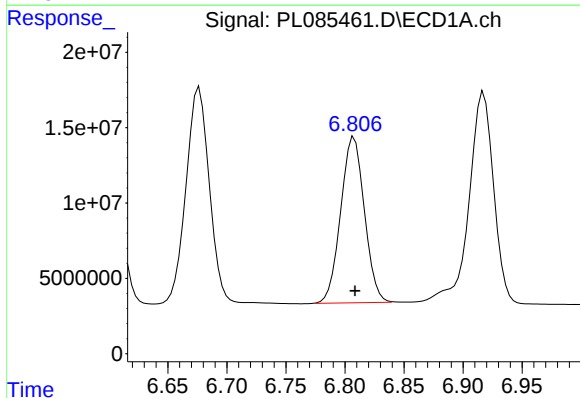
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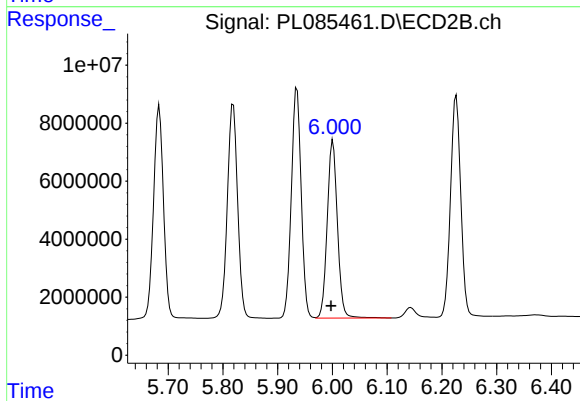
#17 4,4'-DDT

R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 98899760
Conc: 54.28 ng/ml



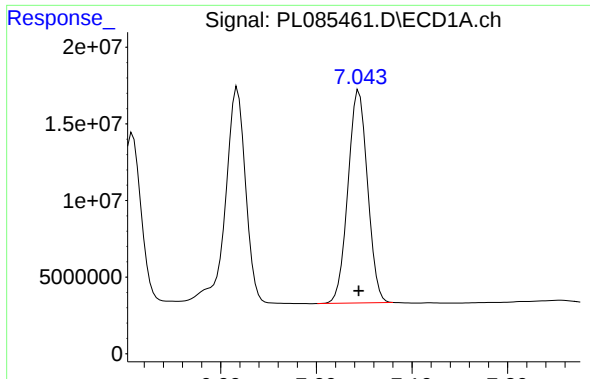
#18 Endrin aldehyde

R.T.: 6.806 min
Delta R.T.: -0.002 min
Response: 153907097
Conc: 52.84 ng/ml m



#18 Endrin aldehyde

R.T.: 6.001 min
Delta R.T.: 0.003 min
Response: 79465805
Conc: 50.16 ng/ml



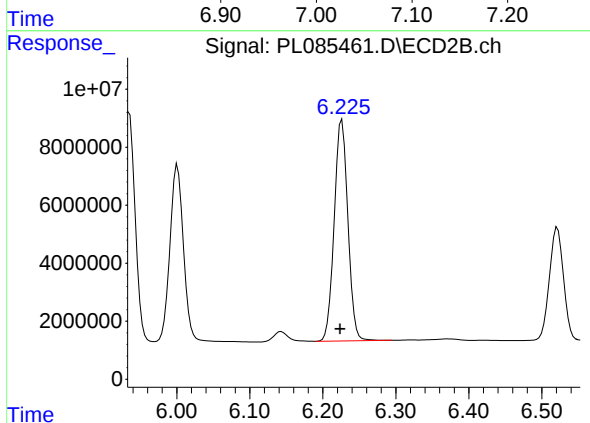
#19 Endosulfan Sulfate

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 198290620
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

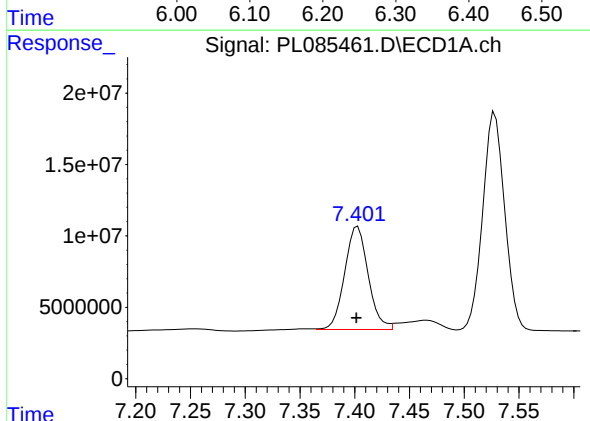
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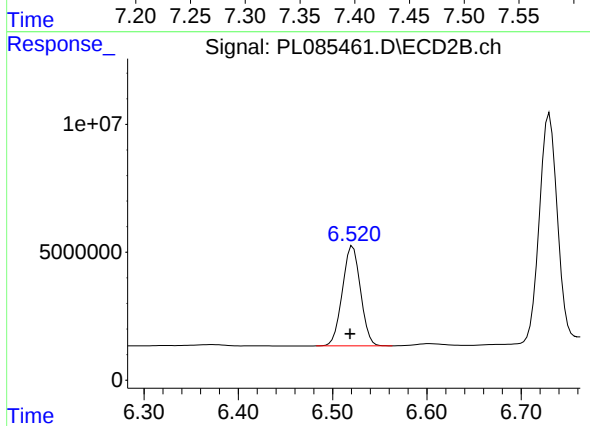
#19 Endosulfan Sulfate

R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 99238409
Conc: 52.77 ng/ml



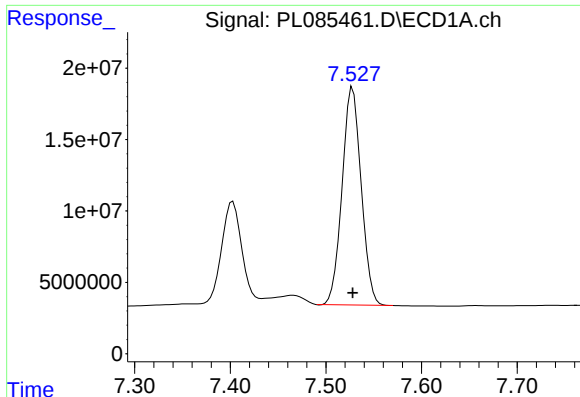
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: 0.001 min
Response: 107589294
Conc: 49.09 ng/ml



#20 Methoxychlor

R.T.: 6.521 min
Delta R.T.: 0.003 min
Response: 52220791
Conc: 49.23 ng/ml



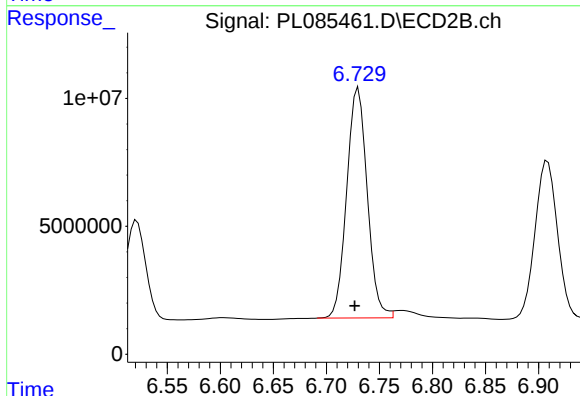
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 211856675
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

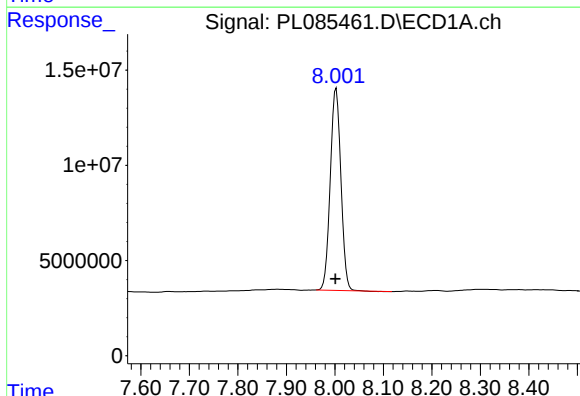
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2023
Supervised By :Ankita Jodhani 09/22/2023



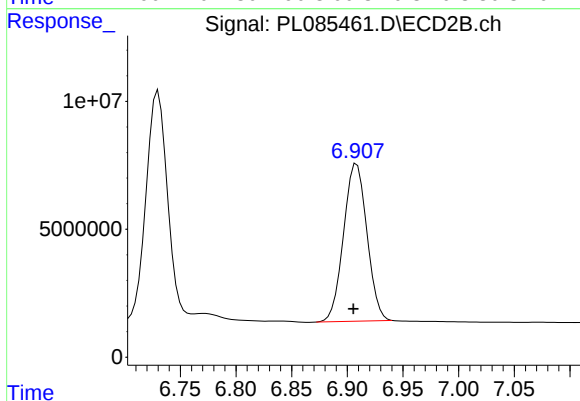
#21 Endrin ketone

R.T.: 6.730 min
Delta R.T.: 0.003 min
Response: 121282430
Conc: 48.57 ng/ml



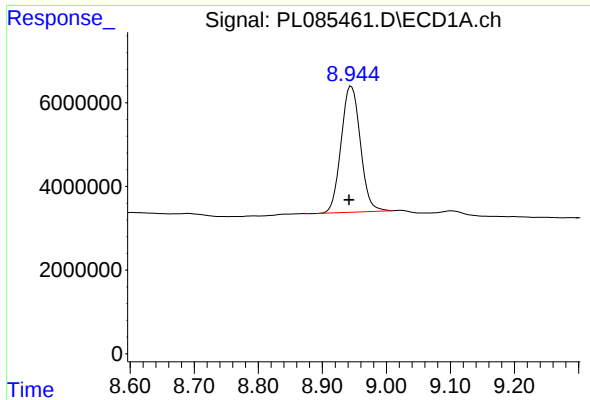
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.001 min
Response: 161467221
Conc: 50.79 ng/ml



#22 Mirex

R.T.: 6.909 min
Delta R.T.: 0.003 min
Response: 90141172
Conc: 49.58 ng/ml



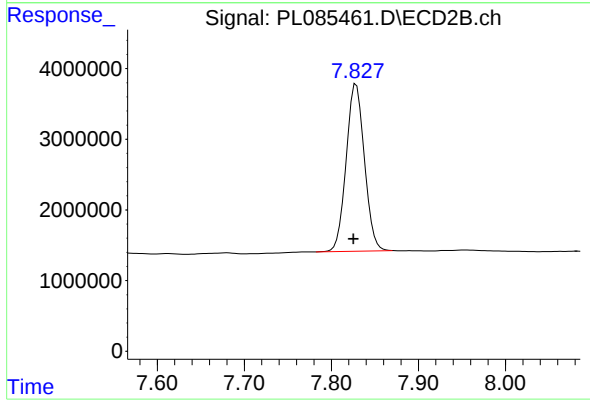
#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: 0.004 min
Response: 62923999
Conc: 18.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155663BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.829 min
Delta R.T.: 0.003 min
Response: 34476329
Conc: 17.61 ng/ml