

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 15:21
 Operator : AR\AJ
 Sample : 05832-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHRT-20103MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/18/2023
 Supervised By : Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:30:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.427	2.683	33925864	15735920	9.015	9.348
28)	SA Decachlor...	8.984	7.874	22884272	11044053	6.711	6.539
Target Compounds							
2)	A alpha-BHC	3.881	3.187	176.6E6	74223993	32.620m	30.202
3)	MA gamma-BHC...	4.215	3.518	160.6E6	74798276	30.554m	30.878
4)	MA Heptachlor	4.810	3.861	174.8E6	71812130	32.816	30.043
5)	MB Aldrin	5.153	4.141	165.6E6	68328612	31.812	28.497
6)	B beta-BHC	4.416	3.819	72233233	29551651	31.450	28.388
7)	B delta-BHC	4.661	4.049	164.8E6	68736160	31.517m	28.099
8)	B Heptachlo...	5.583	4.650	174.0E6	67847391	36.911	30.489
9)	A Endosulfan I	5.970	5.019	135.1E6	64861628	30.245	30.012m
10)	B gamma-Chl...	5.842	4.903	267.4E6	95939233	55.147	41.944
11)	B alpha-Chl...	5.924	4.967	316.8E6	112.8E6	65.921	48.894 #
12)	B 4,4'-DDE	6.103	5.166	123.6E6	57232013	29.822	28.825
13)	MA Dieldrin	6.247	5.288	212.7E6	101.0E6	45.830	45.341
14)	MA Endrin	6.477	5.563	108.8E6	58885307	28.283	29.507
15)	B Endosulfa...	6.699	5.860	117.6E6	65819736	29.318	33.805m
16)	A 4,4'-DDD	6.621	5.724	118.1E6	48884898	35.718m	29.524
17)	MA 4,4'-DDT	6.940	5.975	125.0E6	57316733	33.249	31.077m
18)	B Endrin al...	6.831	6.044	90674628	47563293	31.285	32.408
19)	B Endosulfa...	7.065	6.267	122.7E6	50953503	31.252m	27.048m
20)	A Methoxychlor	7.425	6.563	61001776	36275273	31.284	35.515
21)	B Endrin ke...	7.553	6.774	123.7E6	60257936	30.401	28.307
22)	Mirex	8.030	6.955	99500508	47125072	29.543	26.488m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 15:21
Operator : AR\AJ
Sample : 05832-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

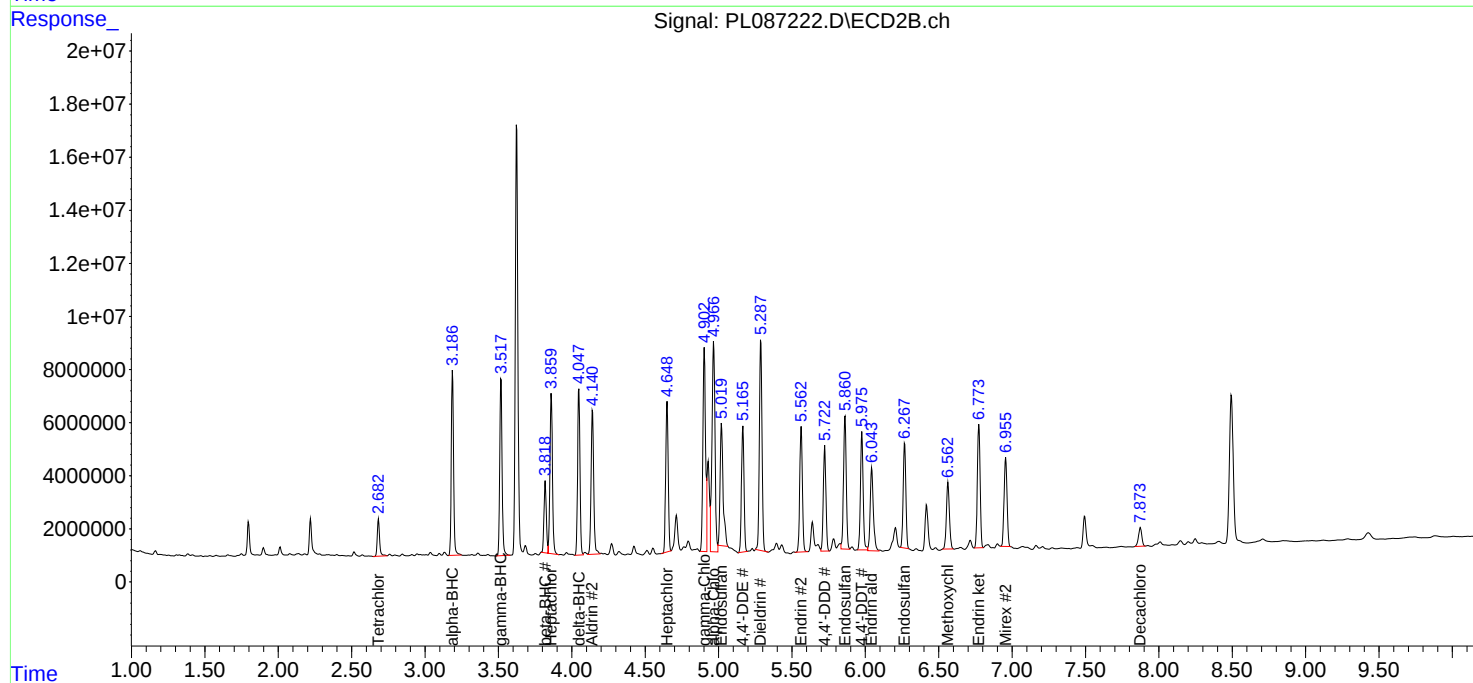
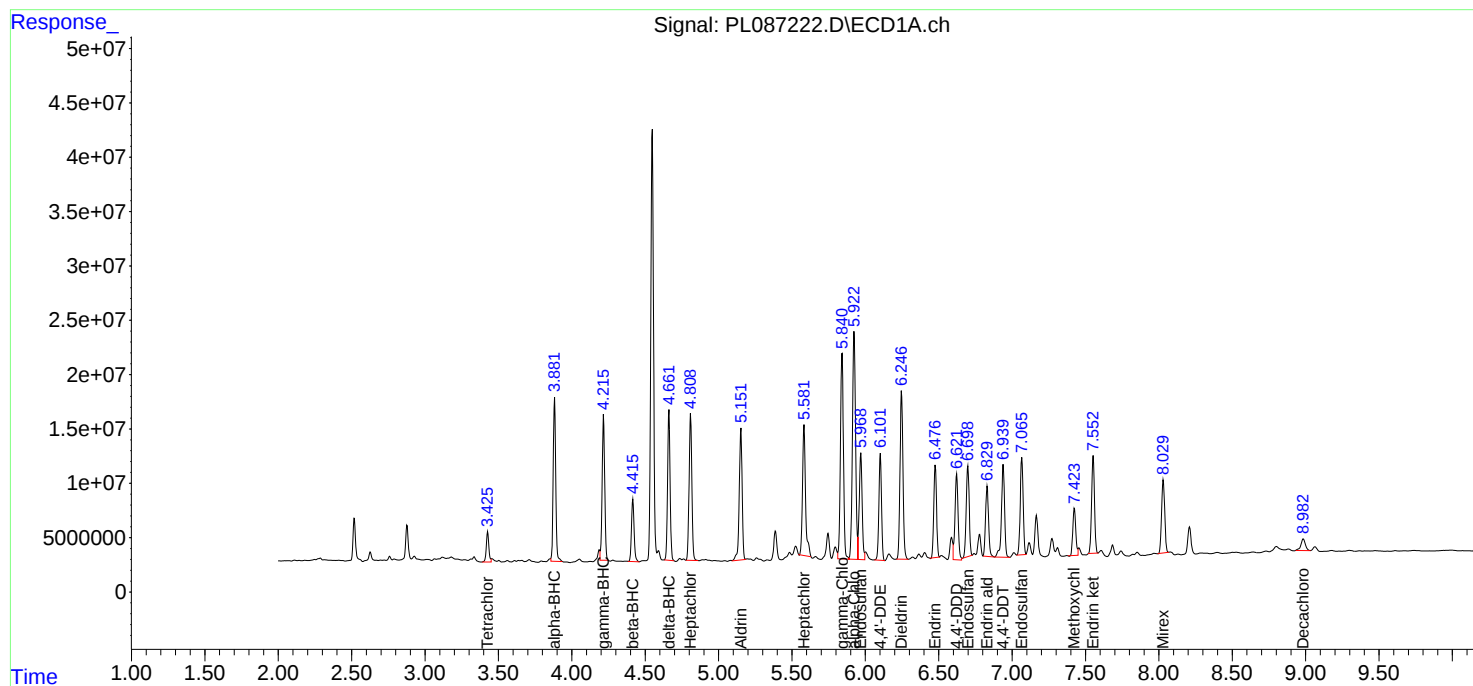
Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

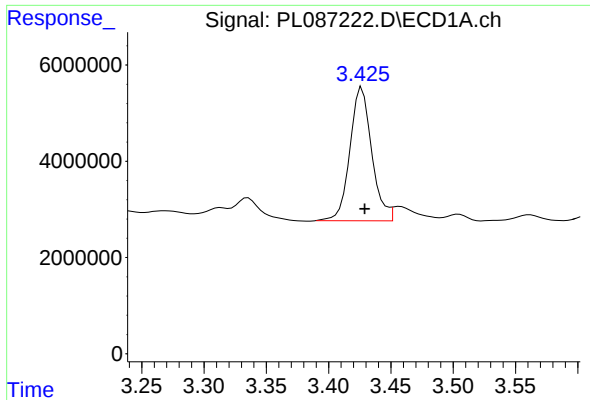
Manual Integrations
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Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:30:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





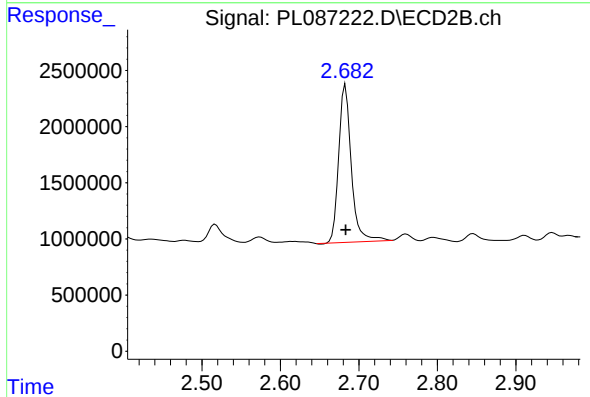
#1 Tetrachloro-m-xylene

R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 33925864
Conc: 9.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

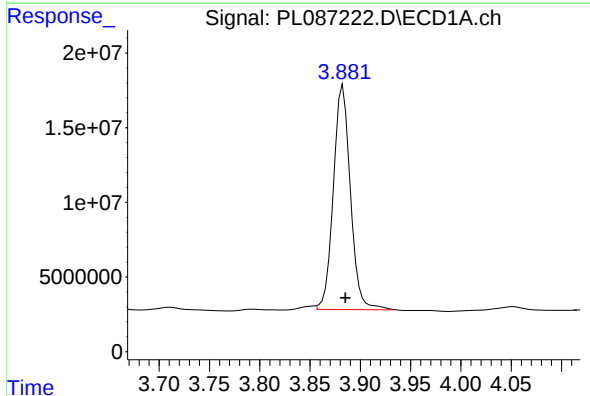
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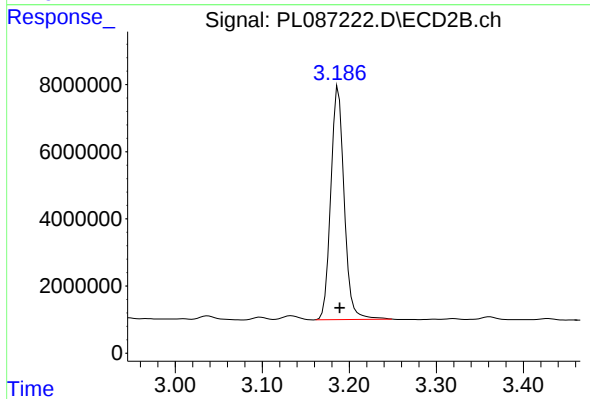
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: 0.000 min
Response: 15735920
Conc: 9.35 ng/ml



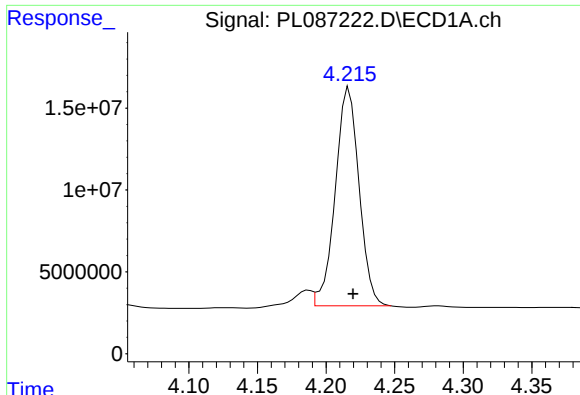
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.004 min
Response: 176611757
Conc: 32.62 ng/ml m



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 74223993
Conc: 30.20 ng/ml



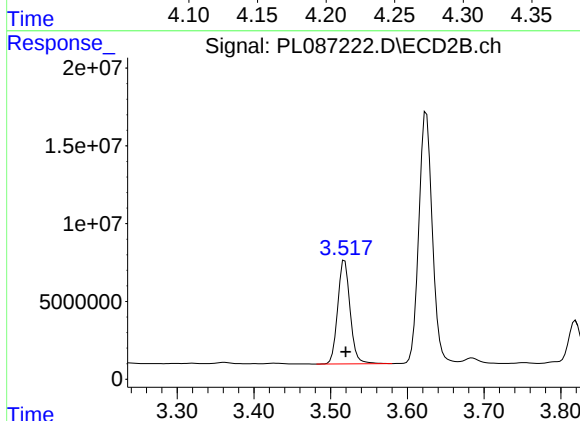
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 160579739
Conc: 30.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

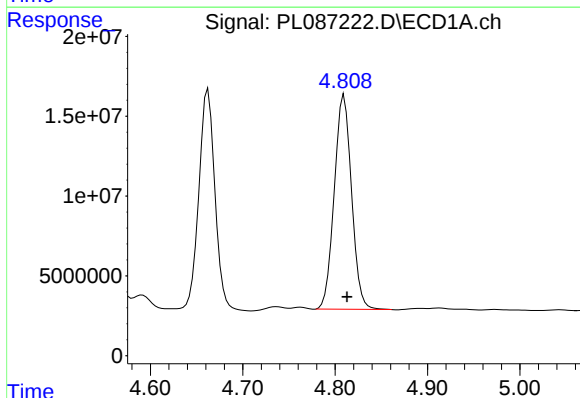
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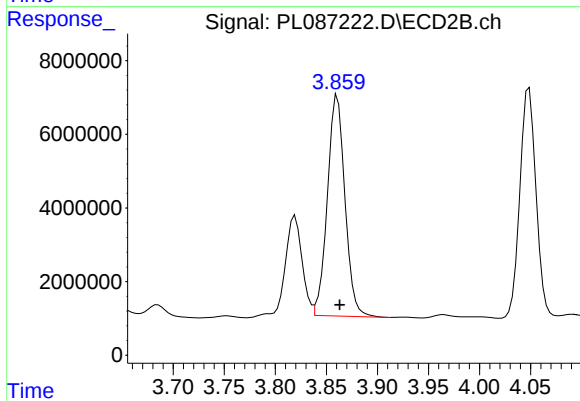
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 74798276
Conc: 30.88 ng/ml



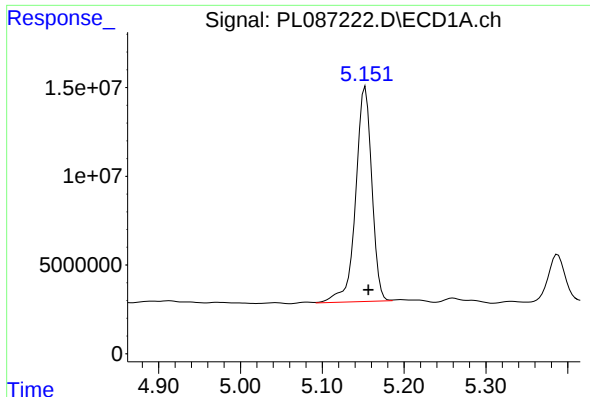
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 174796253
Conc: 32.82 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 71812130
Conc: 30.04 ng/ml



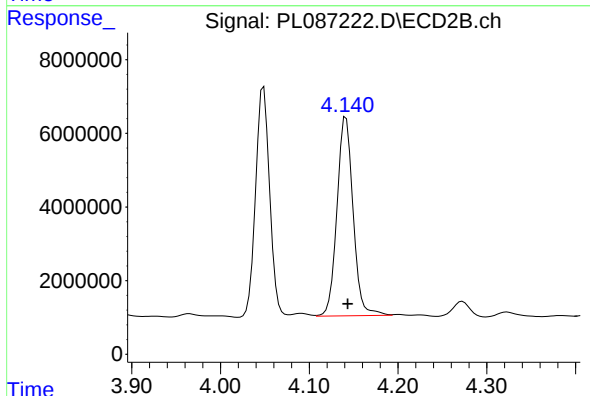
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: -0.004 min
Response: 165626338
Conc: 31.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

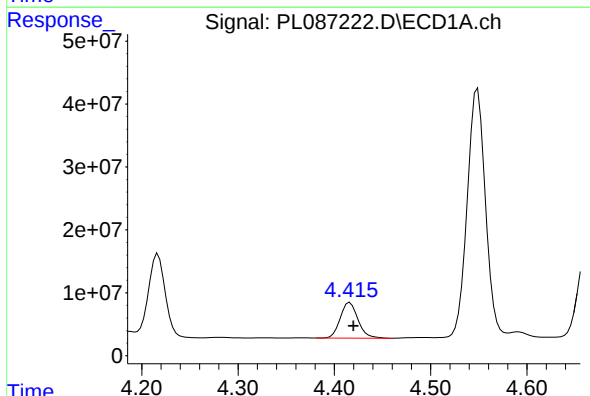
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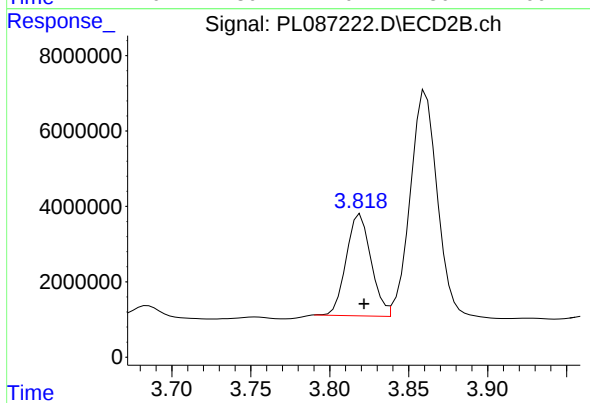
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 68328612
Conc: 28.50 ng/ml



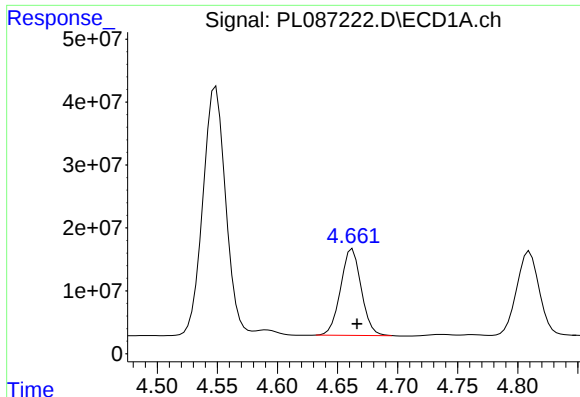
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 72233233
Conc: 31.45 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 29551651
Conc: 28.39 ng/ml



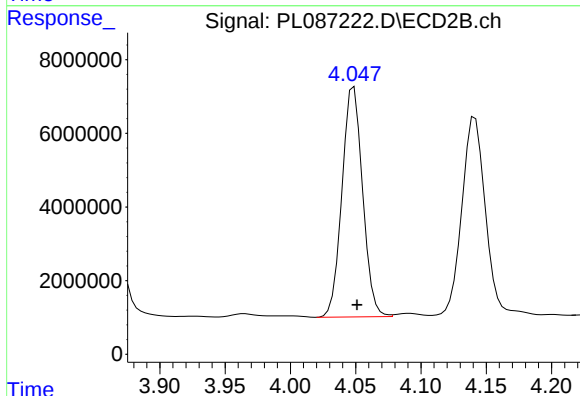
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 164812473
Conc: 31.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

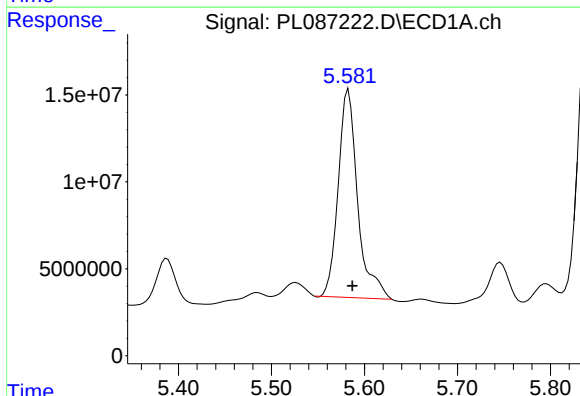
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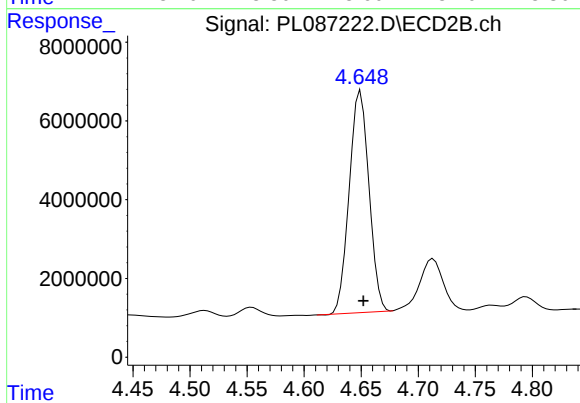
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 68736160
Conc: 28.10 ng/ml



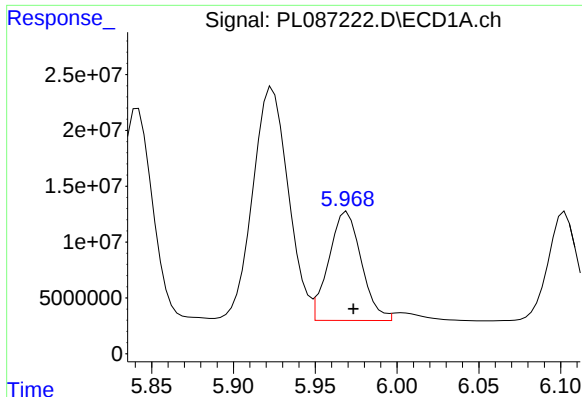
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 173956099
Conc: 36.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 67847391
Conc: 30.49 ng/ml



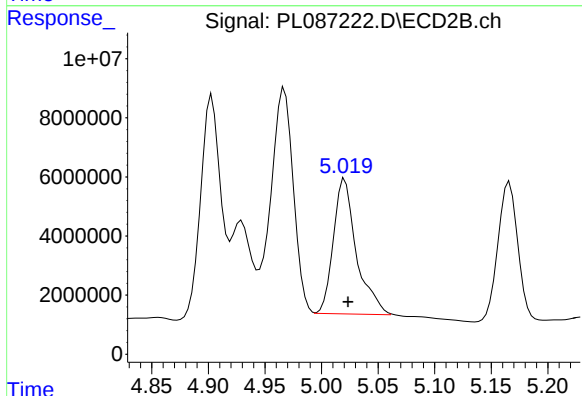
#9 Endosulfan I

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 135082611
Conc: 30.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

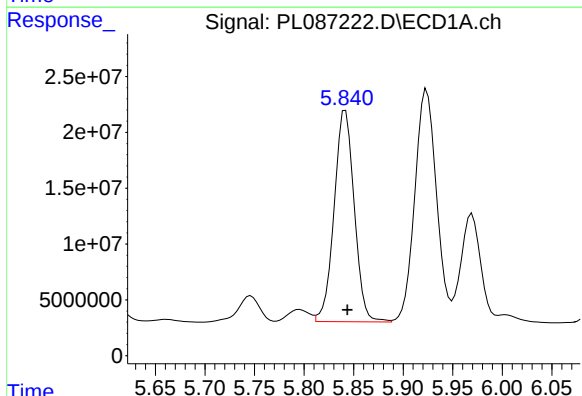
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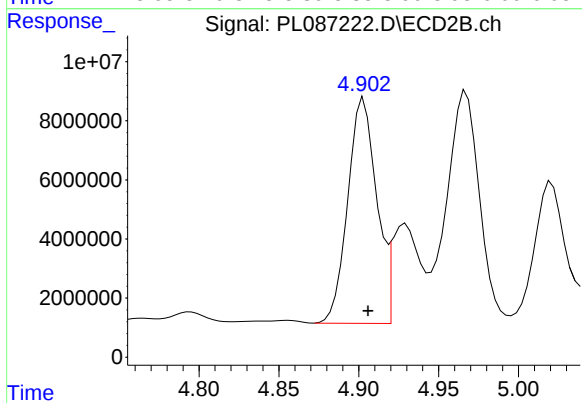
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 64861628
Conc: 30.01 ng/ml m



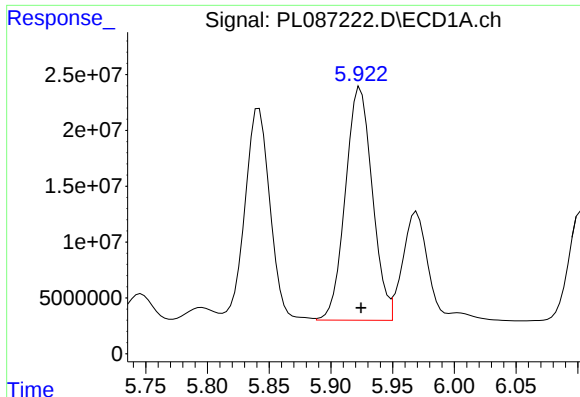
#10 gamma-Chlordane

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 267352866
Conc: 55.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 95939233
Conc: 41.94 ng/ml



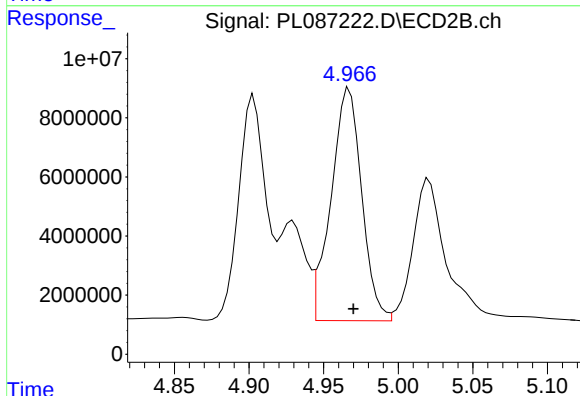
#11 alpha-Chlordane

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 316823644
Conc: 65.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

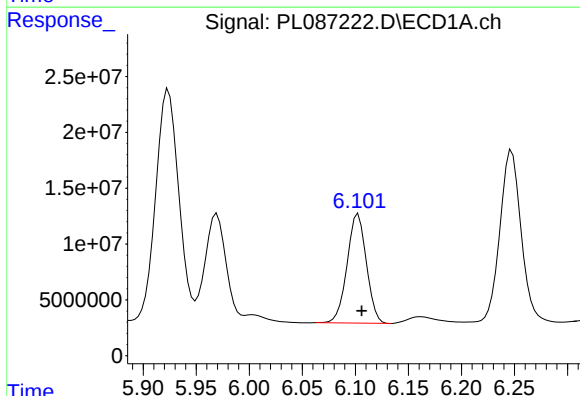
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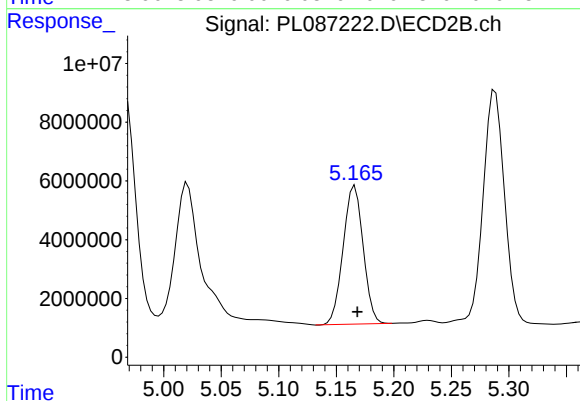
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 112848511
Conc: 48.89 ng/ml



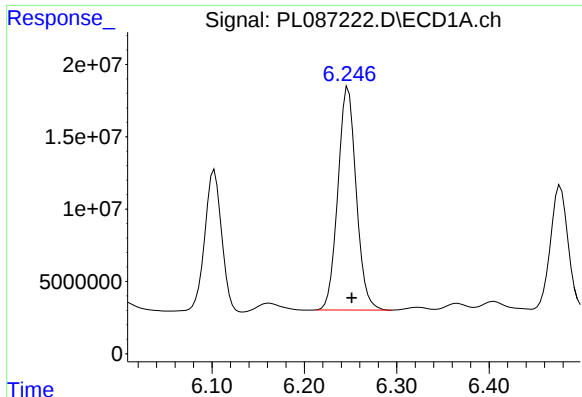
#12 4,4'-DDE

R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 123583721
Conc: 29.82 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 57232013
Conc: 28.82 ng/ml



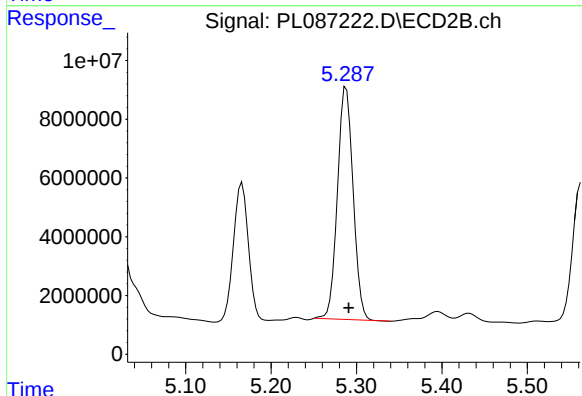
#13 Dieldrin

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 212693122
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

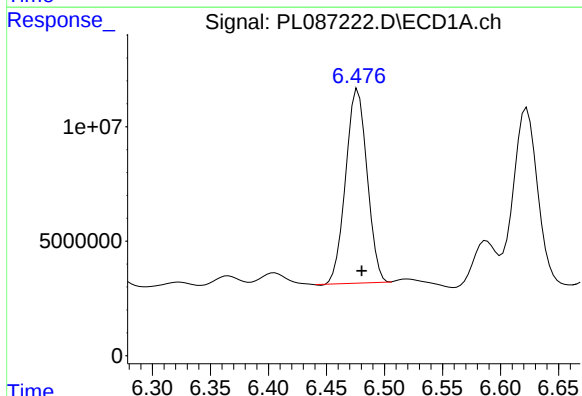
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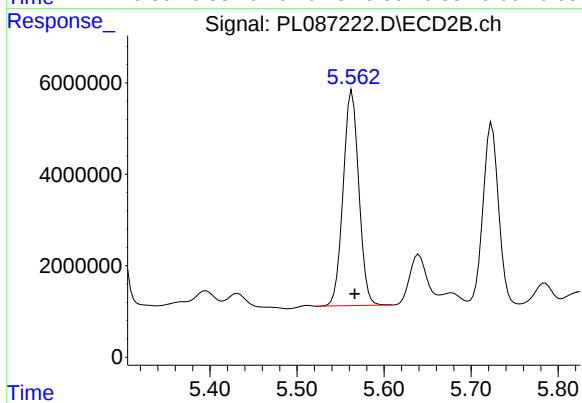
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 101008696
Conc: 45.34 ng/ml



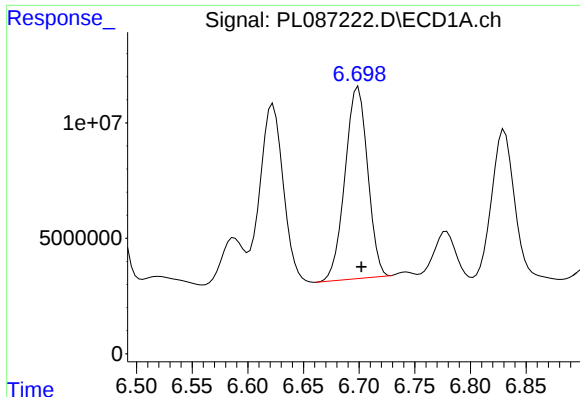
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 108814962
Conc: 28.28 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 58885307
Conc: 29.51 ng/ml



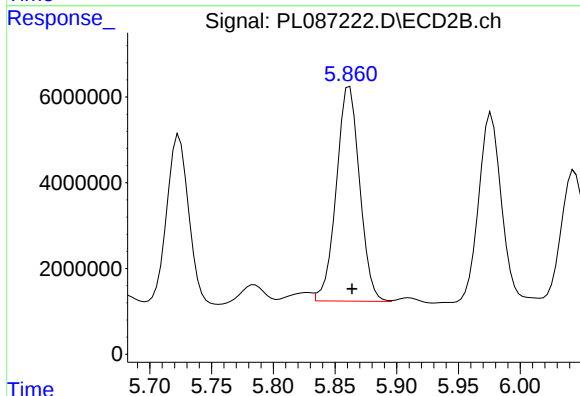
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 117576879
Conc: 29.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

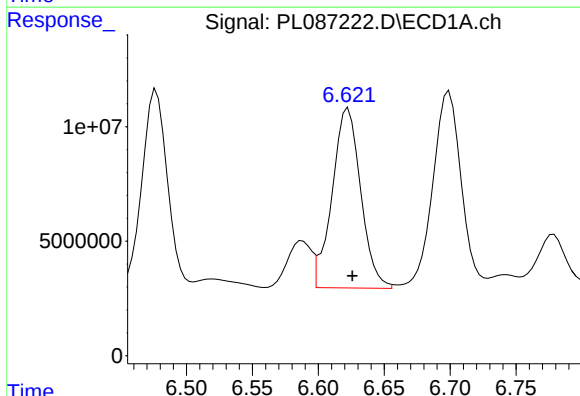
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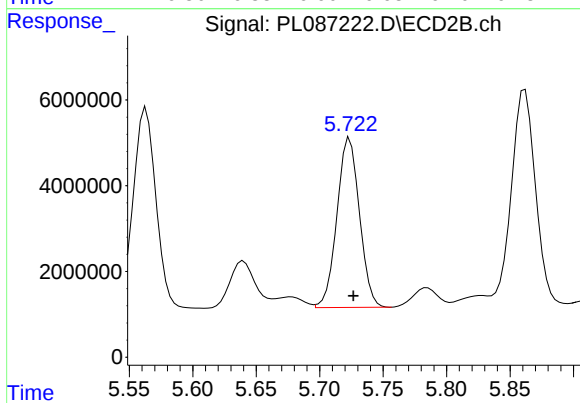
#15 Endosulfan II

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 65819736
Conc: 33.81 ng/ml m



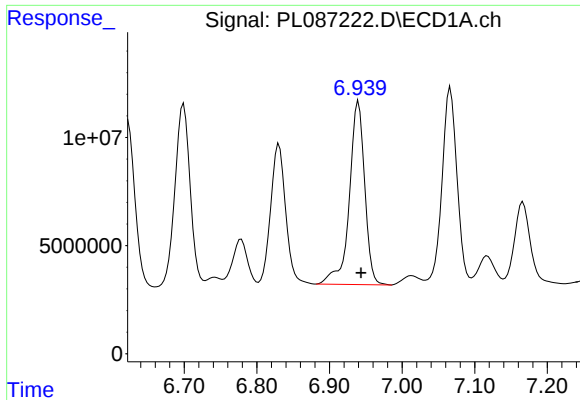
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: -0.005 min
Response: 118053141
Conc: 35.72 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 48884898
Conc: 29.52 ng/ml



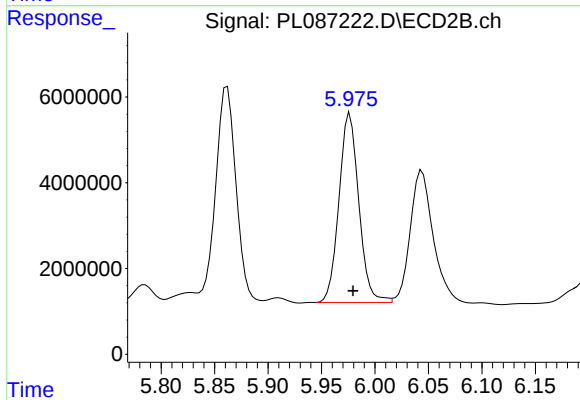
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 125022487
Conc: 33.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

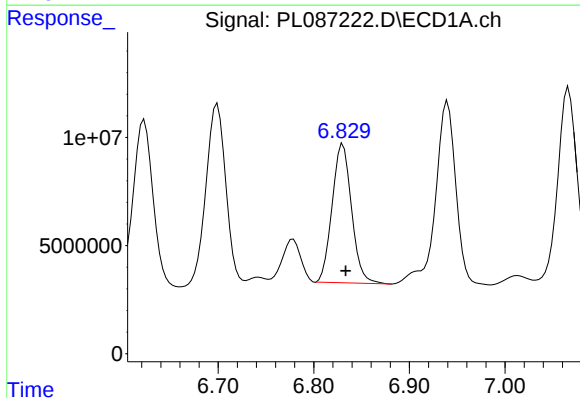
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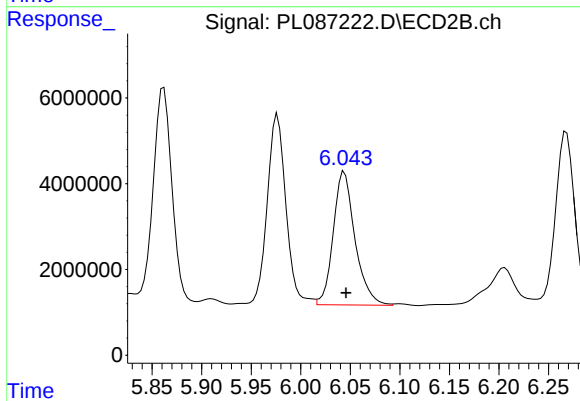
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 57316733
Conc: 31.08 ng/ml m



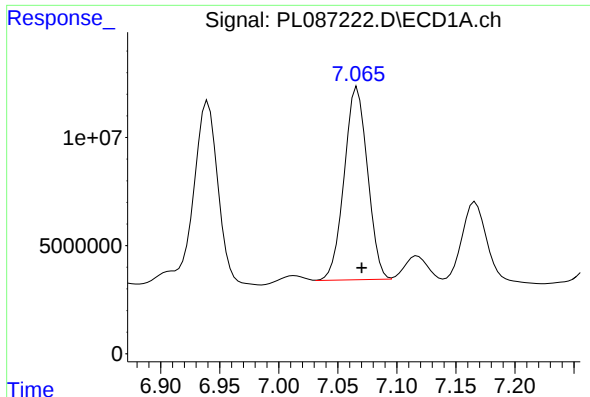
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 90674628
Conc: 31.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 47563293
Conc: 32.41 ng/ml



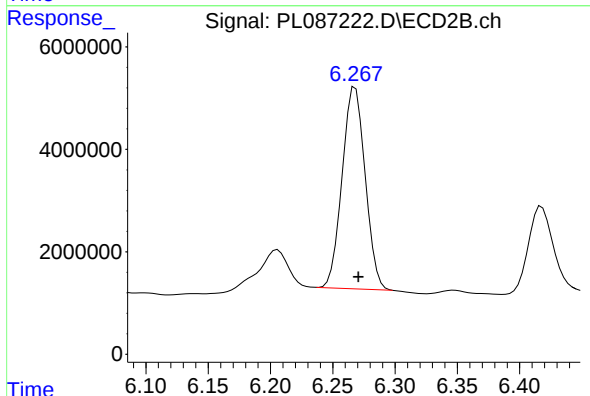
#19 Endosulfan Sulfate

R.T.: 7.065 min
Delta R.T.: -0.005 min
Response: 122720832
Conc: 31.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

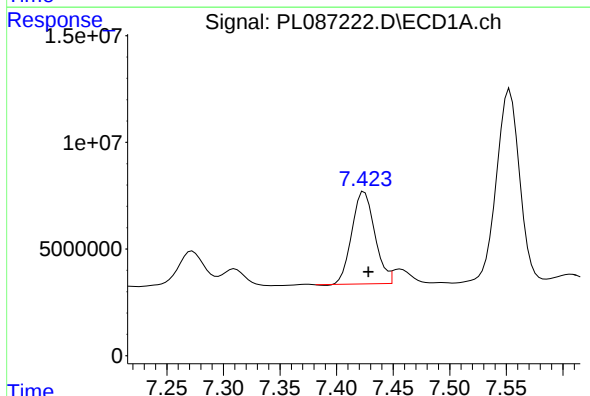
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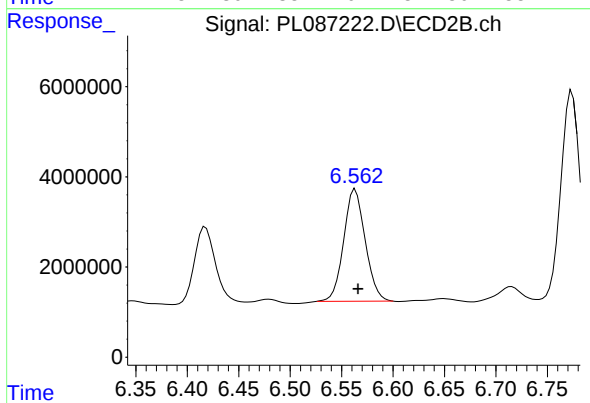
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 50953503
Conc: 27.05 ng/ml m



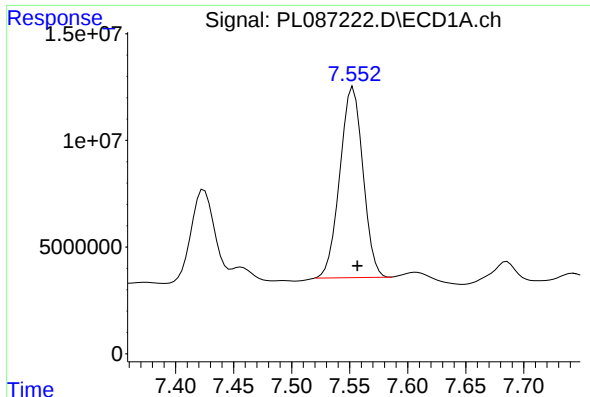
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.004 min
Response: 61001776
Conc: 31.28 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 36275273
Conc: 35.52 ng/ml



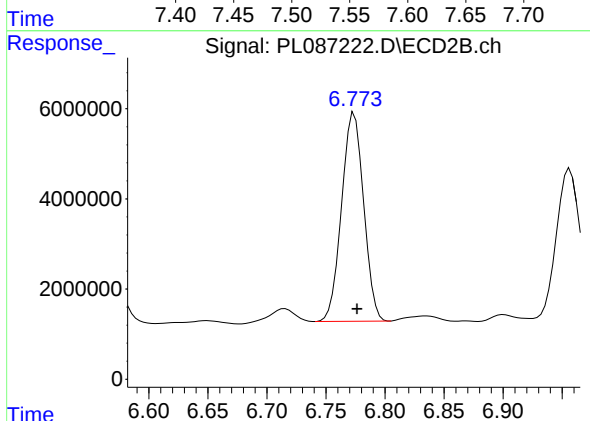
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 123680667
Conc: 30.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

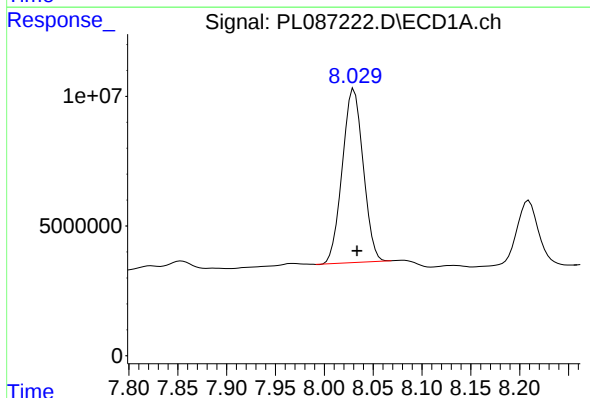
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



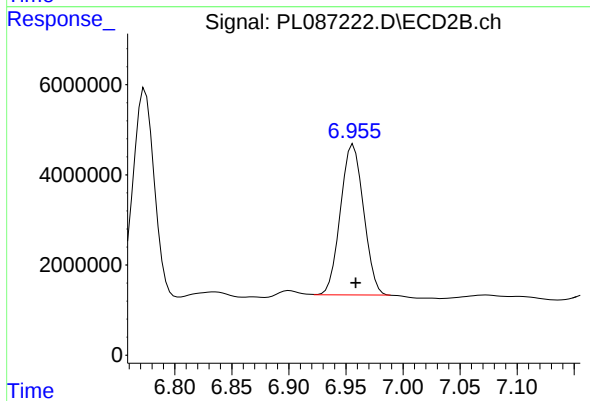
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 60257936
Conc: 28.31 ng/ml



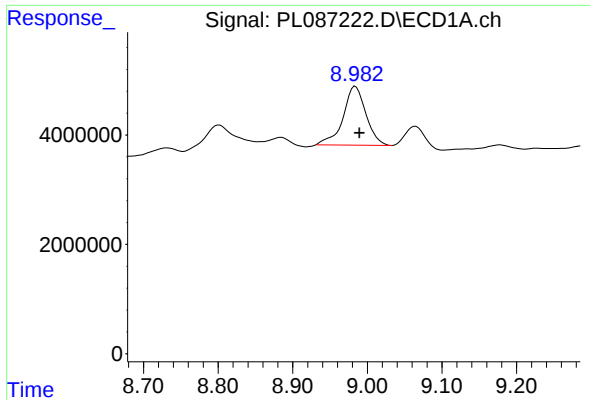
#22 Mirex

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 99500508
Conc: 29.54 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 47125072
Conc: 26.49 ng/ml m



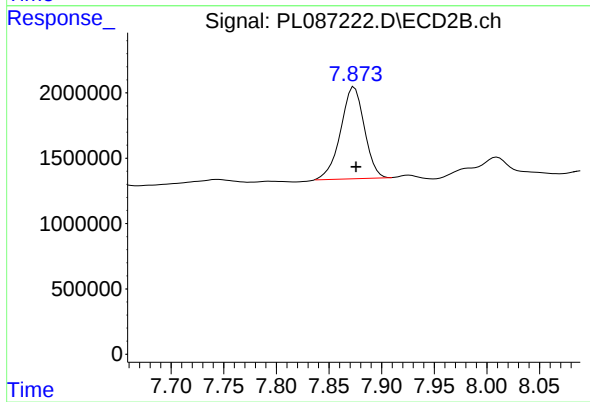
#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: -0.005 min
Response: 22884272
Conc: 6.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20103MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 11044053
Conc: 6.54 ng/ml