

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 11:30
 Operator : AR\AJ
 Sample : 05899-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-04

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 12:19:39 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...	3.422	2.676	53189720	22022136	14.133	13.083
28)	SA Decachlor...	8.980	7.865	46186141	19197992	13.545	11.367
Target Compounds							
2)	A alpha-BHC	3.914f	0.000	7155662	0	1.322	N.D. #
3)	MA gamma-BHC...	4.216	3.512	-1406872	2866623	N.D.	1.183
4)	MA Heptachlor	4.812	0.000	2692144	0	0.505	N.D. #
5)	MB Aldrin	5.139f	4.120f	6333021	1958881	1.216	0.817 #
6)	B beta-BHC	4.426	3.817	11436874	42836	4.980	0.041 #
7)	B delta-BHC	4.662	4.031f	14143945	8472489	2.705	3.464 #
8)	B Heptachlo...	5.578	4.637f	29591747	12399094	6.279	5.572
9)	A Endosulfan I	5.974	5.034	11286801	14184760	2.527	6.563 #
10)	B gamma-Chl...	5.859	4.922f	54493935	53328733	11.240	23.315 #
11)	B alpha-Chl...	5.940f	4.984	11667438	7793191	2.428	3.377 #
13)	MA Dieldrin	6.270f	5.277	45928096	4729151	9.896	2.123 #
14)	MA Endrin	6.487	5.576	-14765403	37650865	N.D.	18.867
16)	A 4,4'-DDD	6.607f	0.000	34701402	0	10.499	N.D. #
17)	MA 4,4'-DDT	6.965f	5.961f	295.3E6	75733529	78.527	41.063 #
18)	B Endrin al...	6.816f	6.054	-50536382	33547878	N.D.	22.859
19)	B Endosulfa...	7.052f	6.261	155.3E6	15845988	39.539	8.412 #
22)	Mirex	0.000	6.973	0	31620074	N.D.	17.773 #
23)	Chlordane-1	4.615f	3.679	2629061	2578587	16.662	41.567 #
24)	Chlordane-2	5.139	0.000	6333021	0	36.357	N.D. #
25)	Chlordane-3	5.859f	4.922f	54493935	53328733	78.177	241.233 #
26)	Chlordane-4	5.940	4.984f	11667438	7793191	13.645	33.473 #
27)	Chlordane-5	0.000	5.634	0	10247681	N.D.	158.393 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 11:30
Operator : AR\AJ
Sample : 05899-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

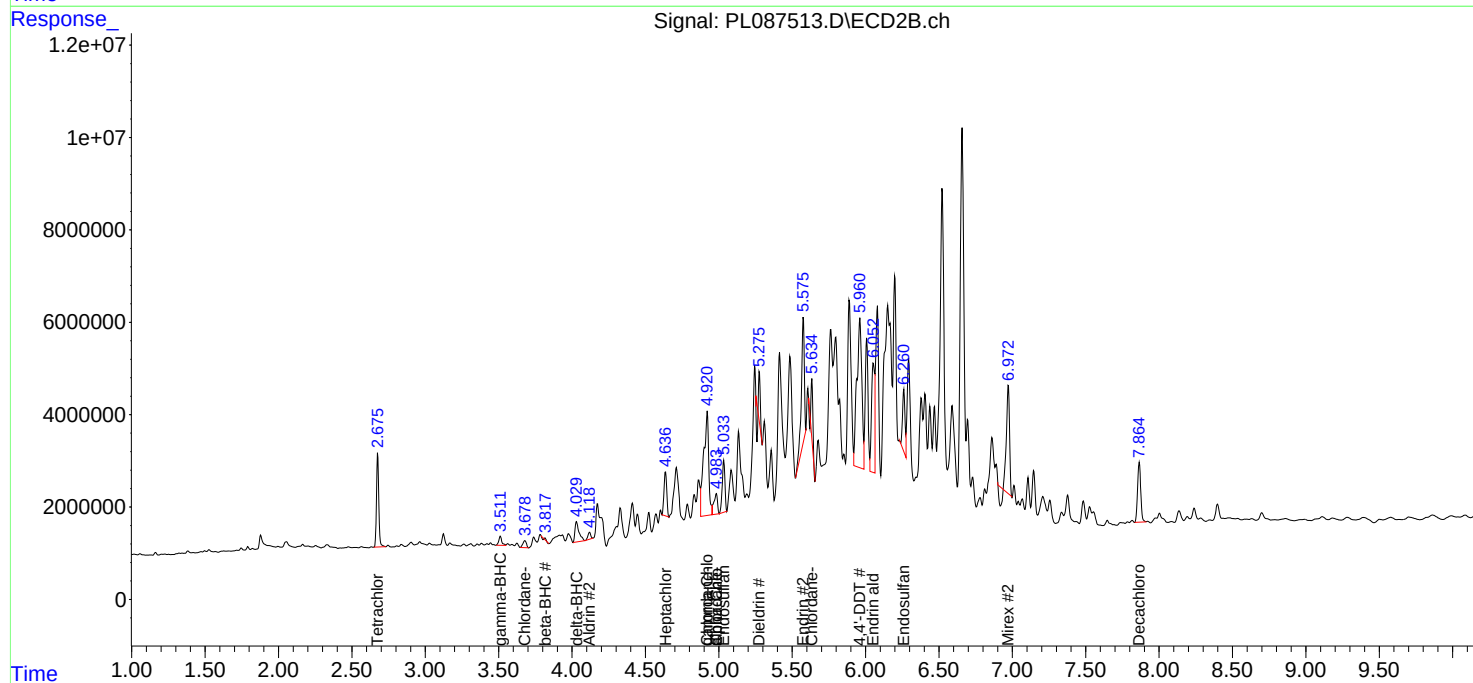
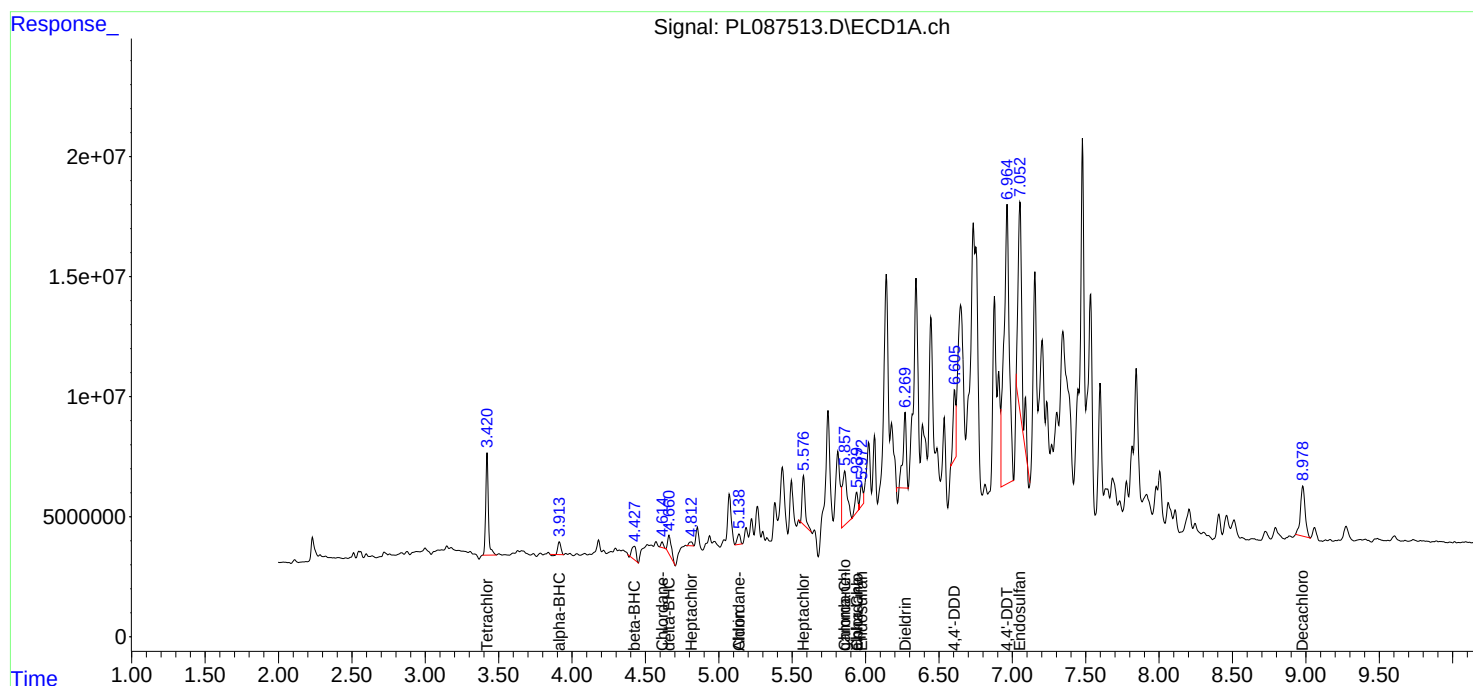
Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

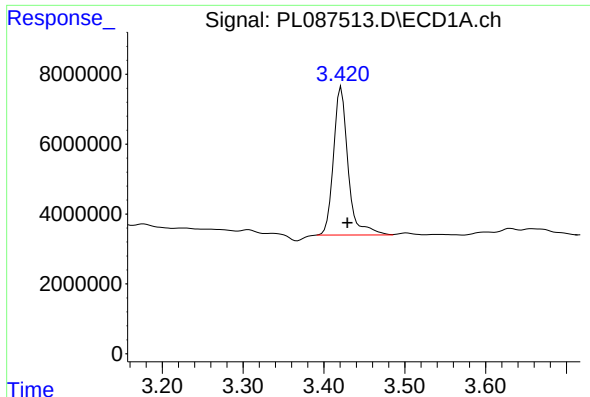
Manual Integrations
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Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 12:19:39 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





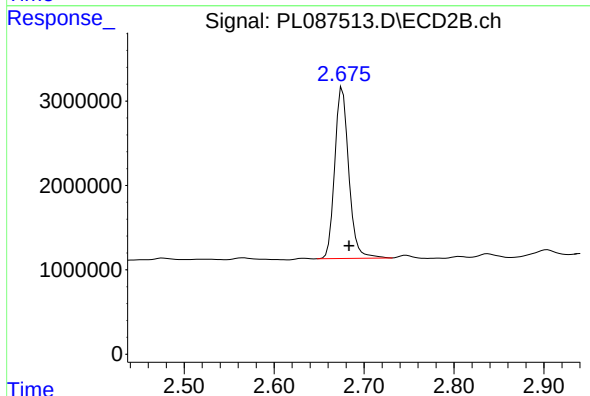
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 53189720
Conc: 14.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

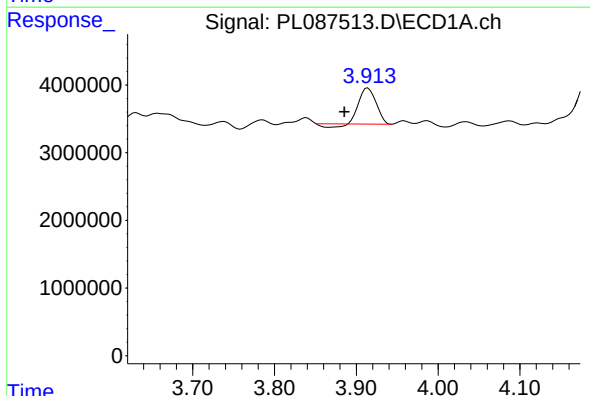
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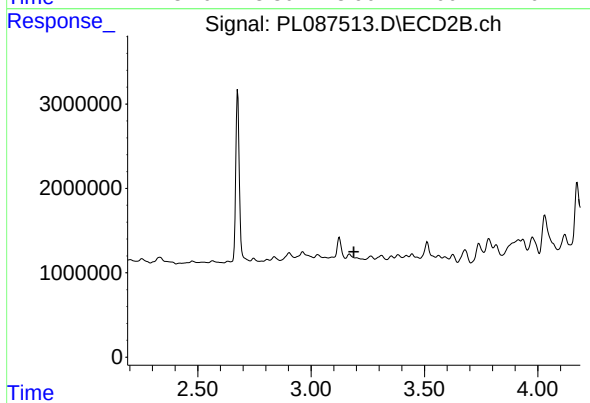
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.007 min
Response: 22022136
Conc: 13.08 ng/ml



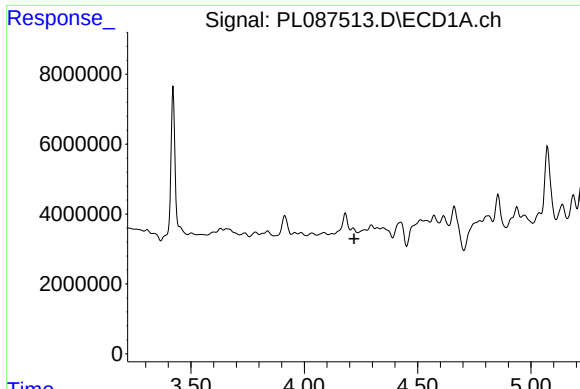
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.029 min
Response: 7155662
Conc: 1.32 ng/ml



#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.189 min
Response: 0
Conc: N.D.



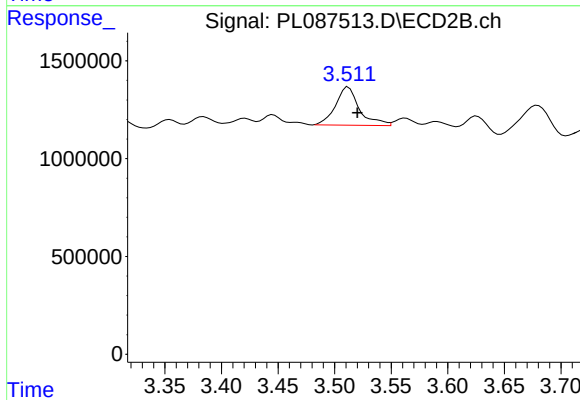
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.004 min
Response: -1406872
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

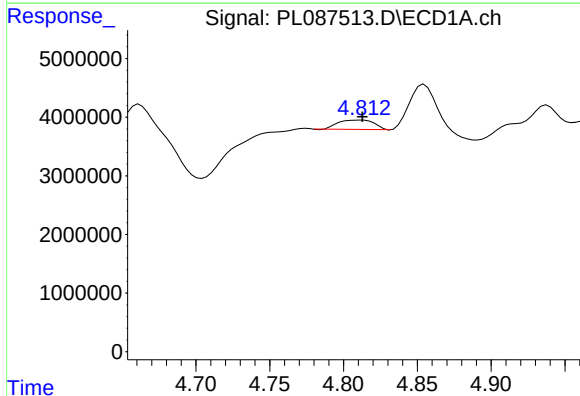
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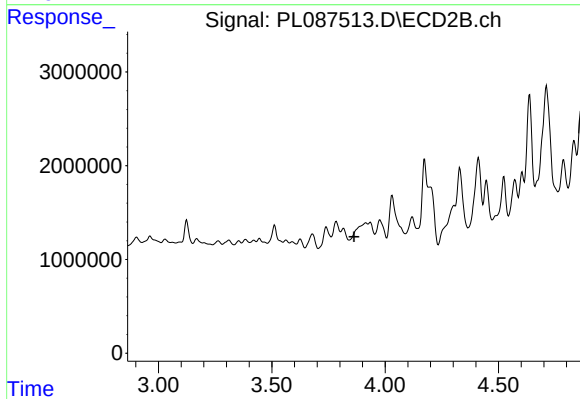
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 2866623
Conc: 1.18 ng/ml



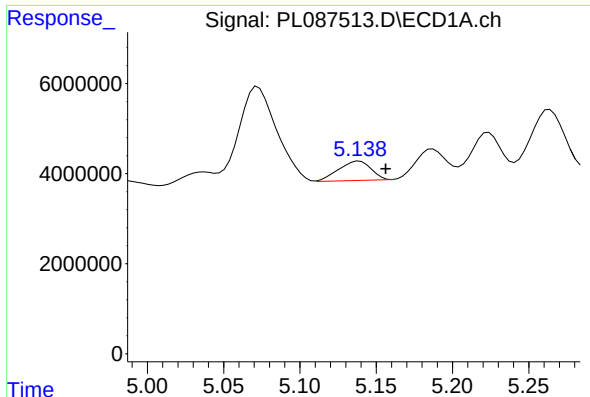
#4 Heptachlor

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 2692144
Conc: 0.51 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



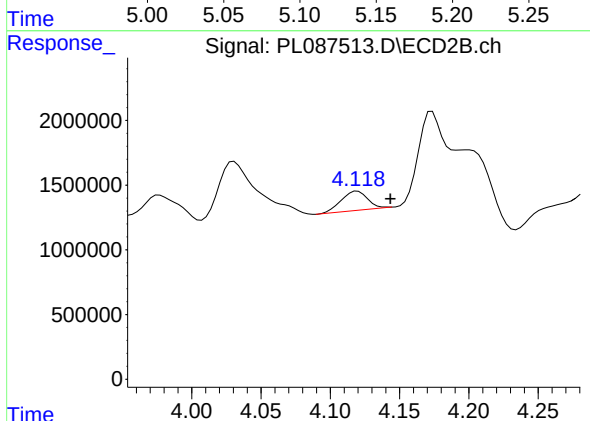
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: -0.017 min
Response: 6333021
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

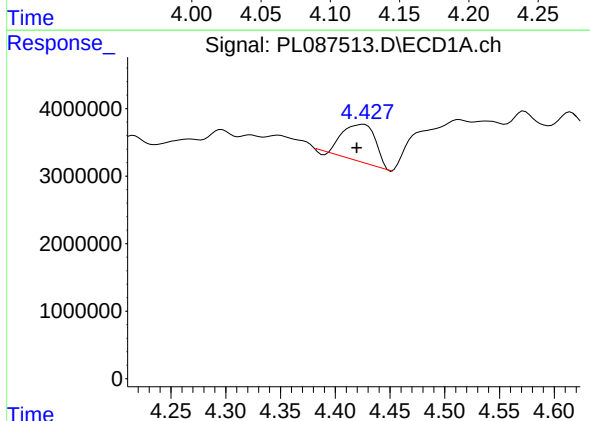
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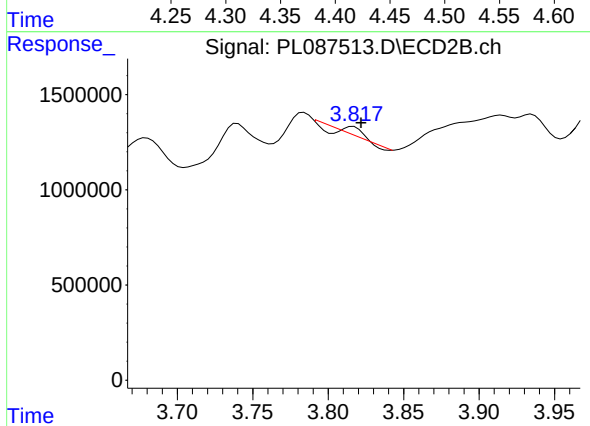
#5 Aldrin

R.T.: 4.120 min
Delta R.T.: -0.024 min
Response: 1958881
Conc: 0.82 ng/ml



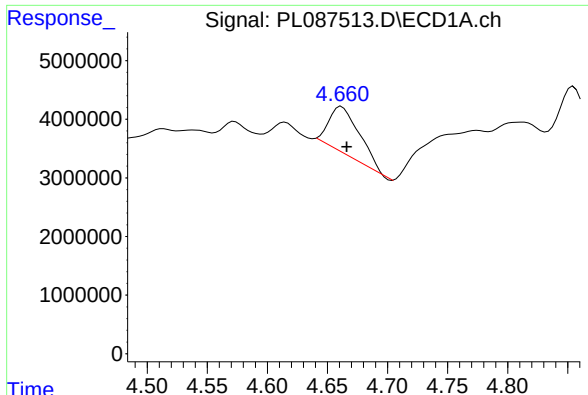
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: 0.006 min
Response: 11436874
Conc: 4.98 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 42836
Conc: 0.04 ng/ml



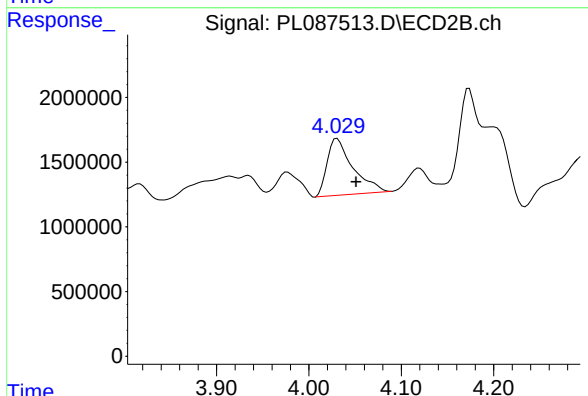
#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: -0.005 min
Response: 14143945
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

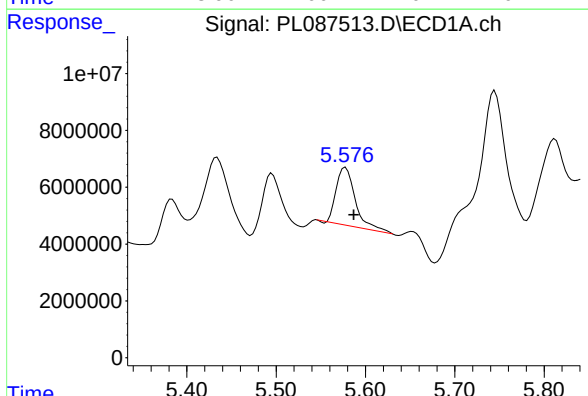
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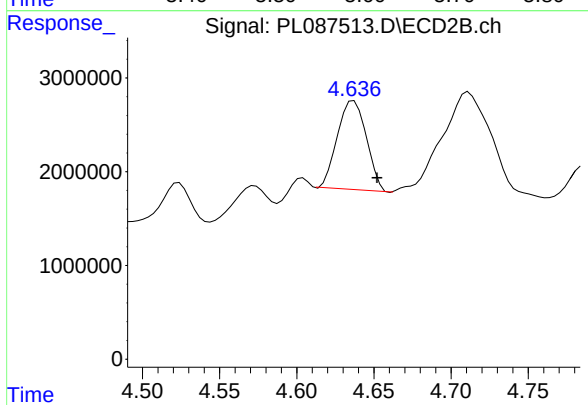
#7 delta-BHC

R.T.: 4.031 min
Delta R.T.: -0.020 min
Response: 8472489
Conc: 3.46 ng/ml



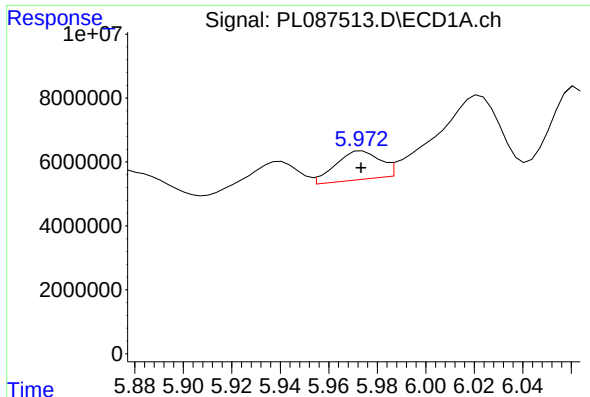
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 29591747
Conc: 6.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.015 min
Response: 12399094
Conc: 5.57 ng/ml



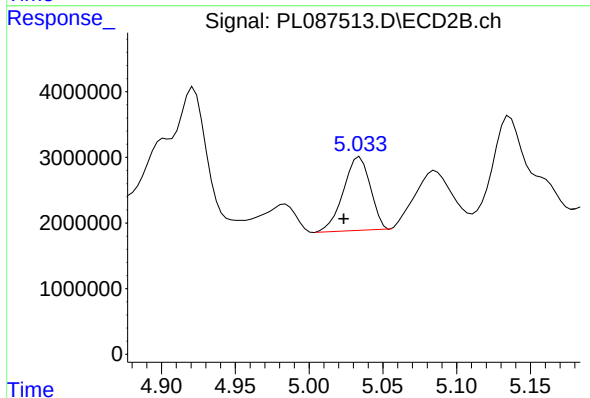
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 11286801
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

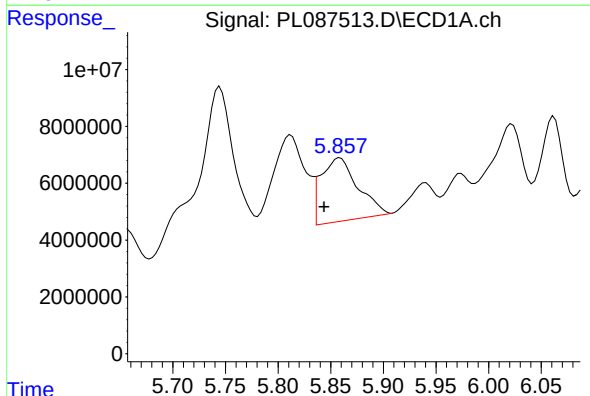
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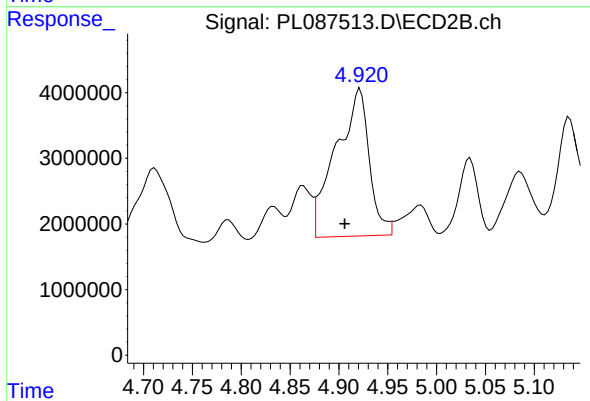
#9 Endosulfan I

R.T.: 5.034 min
Delta R.T.: 0.011 min
Response: 14184760
Conc: 6.56 ng/ml



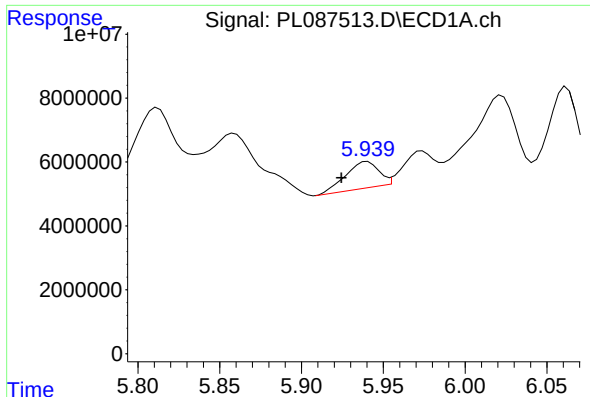
#10 gamma-Chlordane

R.T.: 5.859 min
Delta R.T.: 0.015 min
Response: 54493935
Conc: 11.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.922 min
Delta R.T.: 0.016 min
Response: 53328733
Conc: 23.31 ng/ml



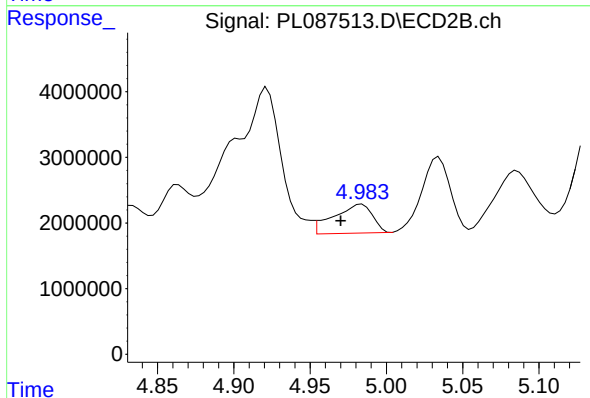
#11 alpha-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.016 min
Response: 11667438
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

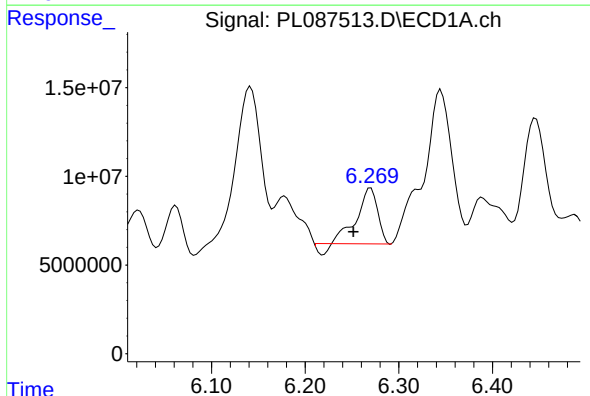
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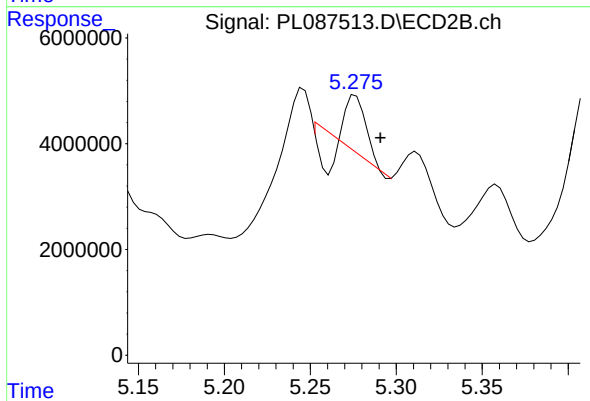
#11 alpha-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.014 min
Response: 7793191
Conc: 3.38 ng/ml



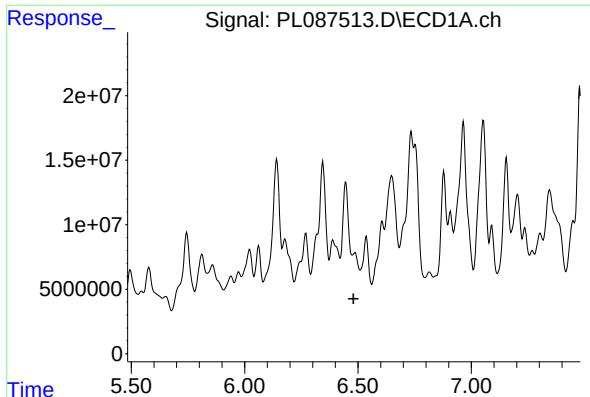
#13 Dieldrin

R.T.: 6.270 min
Delta R.T.: 0.019 min
Response: 45928096
Conc: 9.90 ng/ml



#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.014 min
Response: 4729151
Conc: 2.12 ng/ml



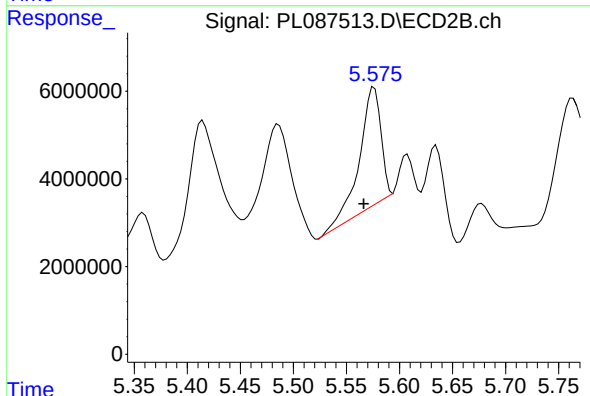
#14 Endrin

R.T.: 6.487 min
Delta R.T.: 0.006 min
Response: -14765403
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

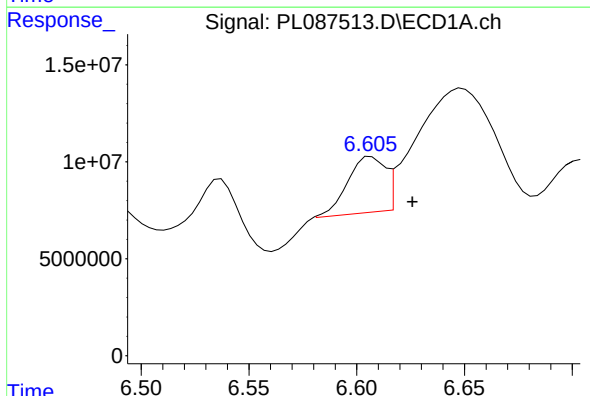
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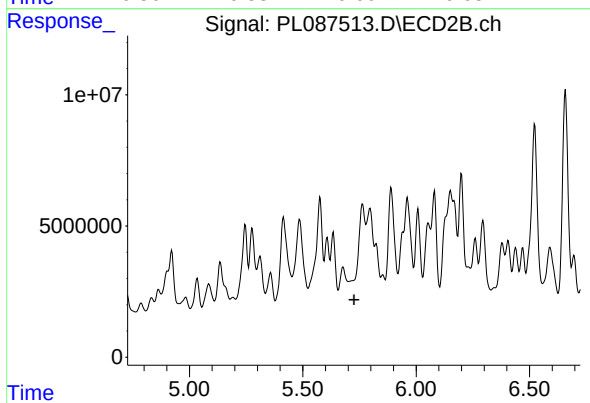
#14 Endrin

R.T.: 5.576 min
Delta R.T.: 0.010 min
Response: 37650865
Conc: 18.87 ng/ml



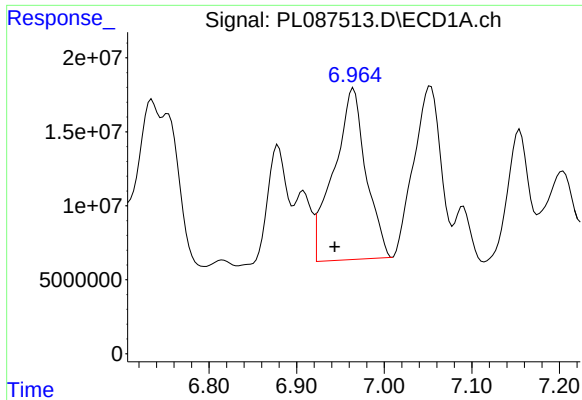
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: -0.019 min
Response: 34701402
Conc: 10.50 ng/ml



#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 5.727 min
Response: 0
Conc: N.D.



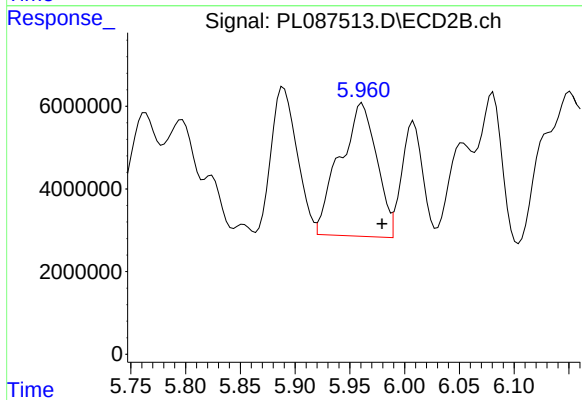
#17 4,4'-DDT

R.T.: 6.965 min
Delta R.T.: 0.021 min
Response: 295278053
Conc: 78.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

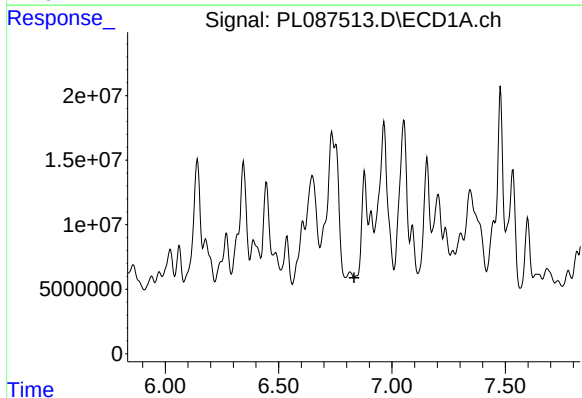
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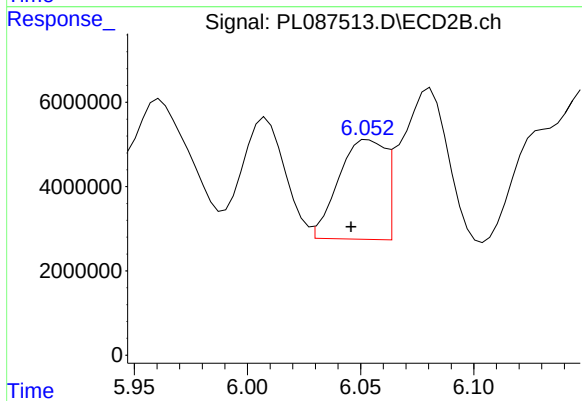
#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.018 min
Response: 75733529
Conc: 41.06 ng/ml



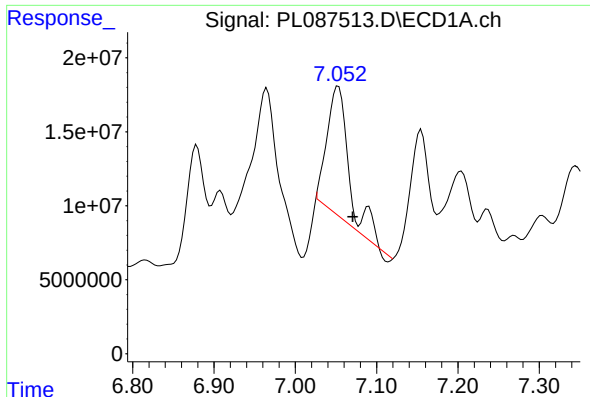
#18 Endrin aldehyde

R.T.: 6.816 min
Delta R.T.: -0.018 min
Response: -50536382
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.054 min
Delta R.T.: 0.008 min
Response: 33547878
Conc: 22.86 ng/ml



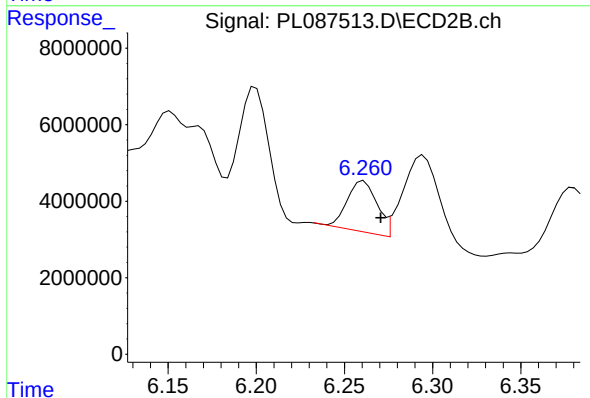
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: -0.018 min
Response: 155264393
Conc: 39.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

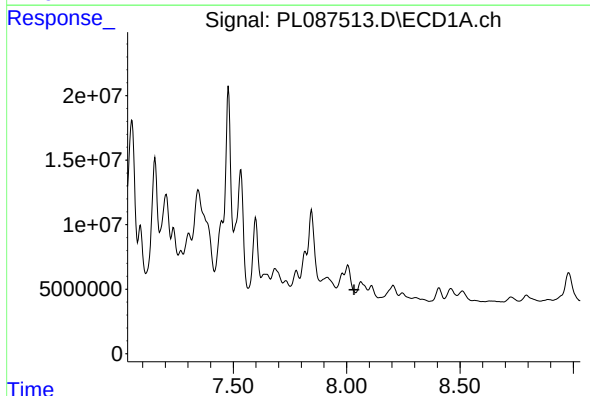
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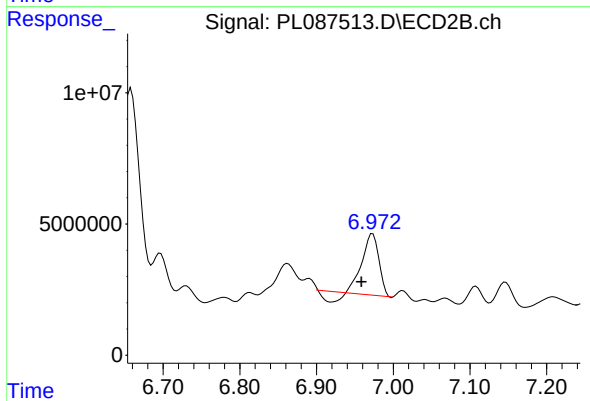
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 15845988
Conc: 8.41 ng/ml



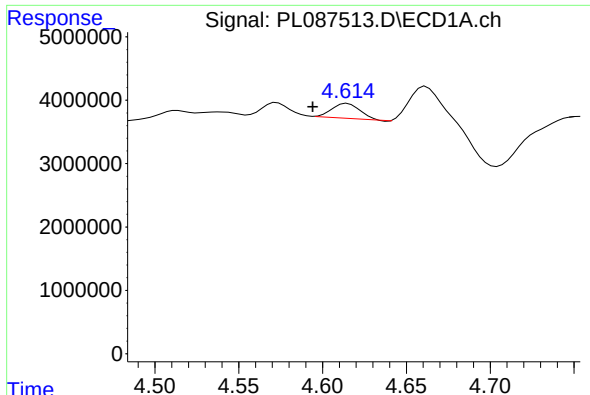
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 6.973 min
Delta R.T.: 0.015 min
Response: 31620074
Conc: 17.77 ng/ml



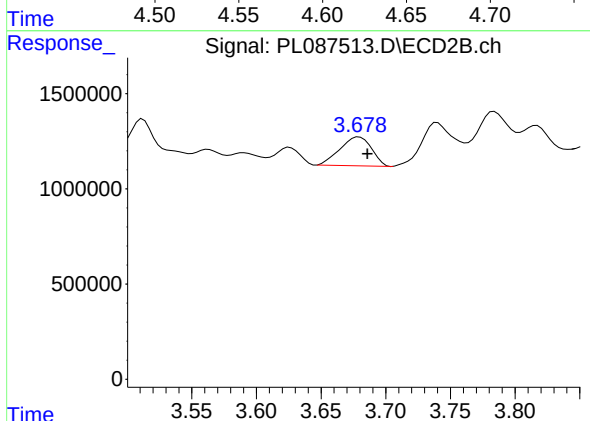
#23 Chlordane-1

R.T.: 4.615 min
Delta R.T.: 0.021 min
Response: 2629061
Conc: 16.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

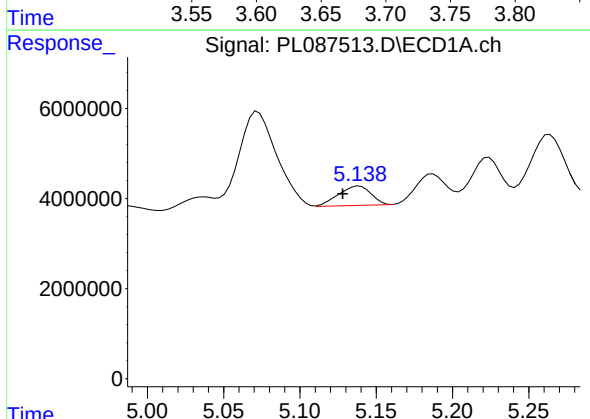
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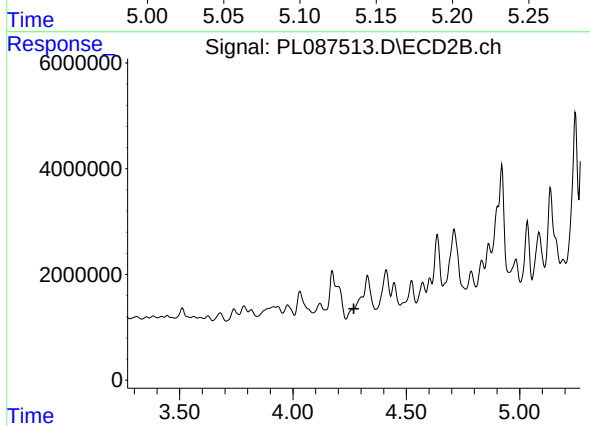
#23 Chlordane-1

R.T.: 3.679 min
Delta R.T.: -0.006 min
Response: 2578587
Conc: 41.57 ng/ml



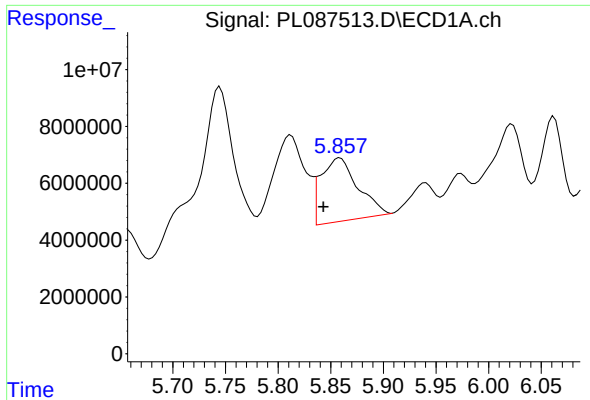
#24 Chlordane-2

R.T.: 5.139 min
Delta R.T.: 0.011 min
Response: 6333021
Conc: 36.36 ng/ml



#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.269 min
Response: 0
Conc: N.D.



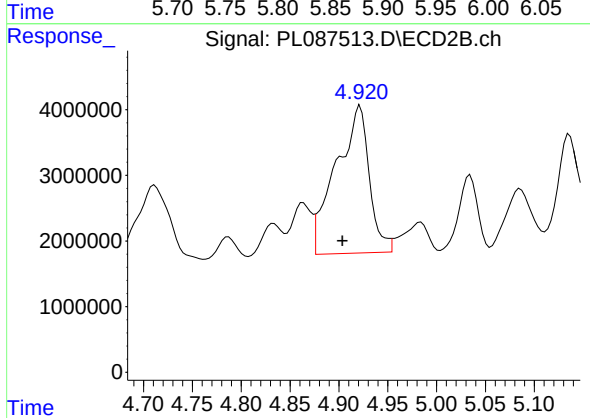
#25 Chlordane-3

R.T.: 5.859 min
Delta R.T.: 0.016 min
Response: 54493935
Conc: 78.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

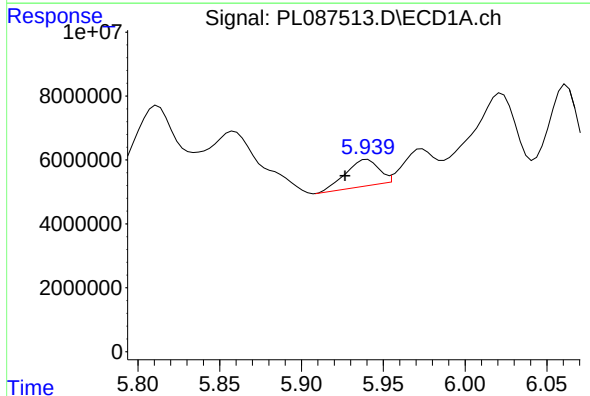
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Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



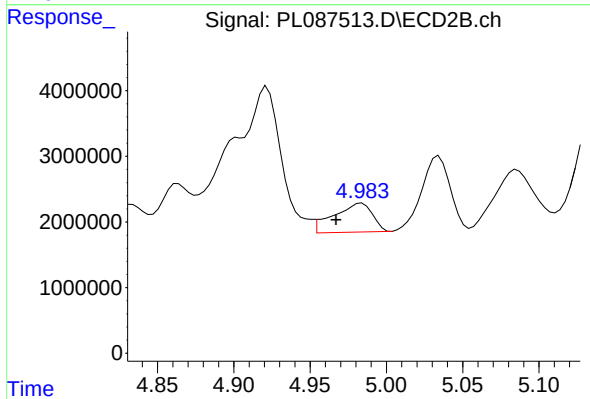
#25 Chlordane-3

R.T.: 4.922 min
Delta R.T.: 0.018 min
Response: 53328733
Conc: 241.23 ng/ml



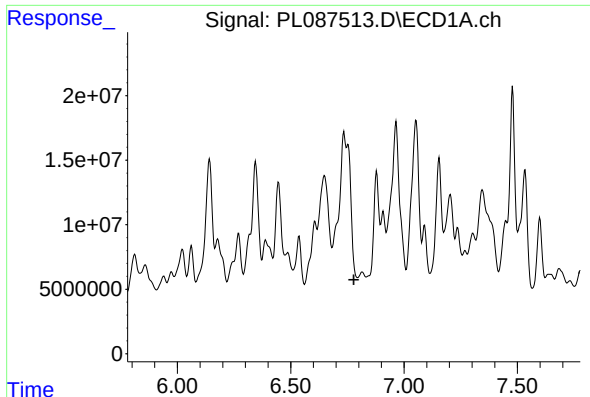
#26 Chlordane-4

R.T.: 5.940 min
Delta R.T.: 0.013 min
Response: 11667438
Conc: 13.65 ng/ml



#26 Chlordane-4

R.T.: 4.984 min
Delta R.T.: 0.017 min
Response: 7793191
Conc: 33.47 ng/ml



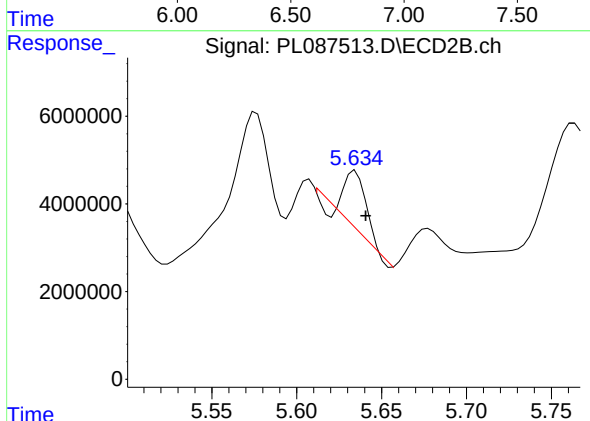
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04

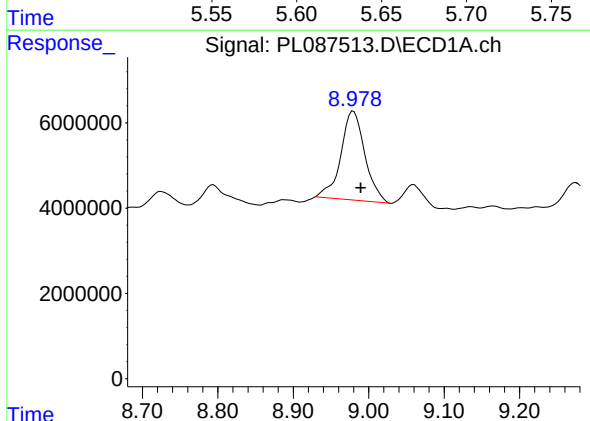
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



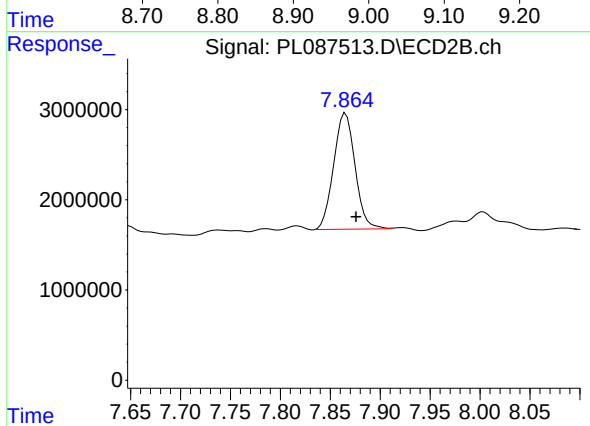
#27 Chlordane-5

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 10247681
Conc: 158.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 46186141
Conc: 13.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.010 min
Response: 19197992
Conc: 11.37 ng/ml