

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 11:58
 Operator : AR\AJ
 Sample : 05899-15DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-04DL

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 12:20:10 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...	3.421	2.676	10439116	4451124	2.774	2.644
28)	SA Decachlor...	8.980	7.865	9952337	4548669	2.919	2.693
Target Compounds							
2)	A alpha-BHC	3.913f	3.171f	1382818	100613	0.255	0.041 #
3)	MA gamma-BHC...	0.000	3.512	0	571142	N.D.	0.236 #
4)	MA Heptachlor	4.807	0.000	685678	0	0.129	N.D. #
5)	MB Aldrin	5.139f	4.119f	1466326	426955	0.282	0.178 #
6)	B beta-BHC	4.426	3.818	4905652	-107109	2.136	N.D. #
7)	B delta-BHC	4.660	4.030f	7705272	1837300	1.473	0.751 #
8)	Heptachlo...	5.578	4.635f	6864228	2579211	1.457	1.159
9)	A Endosulfan I	5.975	5.034	2495632	3864820	0.559	1.788 #
10)	B gamma-Chl...	5.859	4.922f	9816786	10035023	2.025	4.387 #
11)	B alpha-Chl...	5.940f	4.983	2405121	1687413	0.500	0.731 #
13)	MA Dieldrin	6.269f	5.274f	11403281	-517040	2.457	N.D. #
14)	MA Endrin	0.000	5.574	0	6088082	N.D.	3.051 #
15)	B Endosulfa...	0.000	5.852	0	187949	N.D.	0.097 #
16)	A 4,4'-DDD	6.606f	0.000	7009968	0	2.121	N.D. #
17)	MA 4,4'-DDT	6.964f	5.961f	60580118	18080723	16.111	9.803 #
18)	B Endrin al...	6.815f	6.053	1329950	8184430	0.459	5.577 #
19)	B Endosulfa...	7.089f	6.260	5599551	3825512	1.426	2.031 #
21)	B Endrin ke...	7.533f	6.779	11113409	-176972	2.732	N.D. #
22)	Mirex	8.005f	6.973	1909466	7193202	0.567	4.043 #
23)	Chlordane-1	4.614f	3.679	495613	917028	3.141	14.783 #
24)	Chlordane-2	5.139	0.000	1466326	0	8.418	N.D. #
25)	Chlordane-3	5.859f	4.922f	9816786	10035023	14.083	45.394 #
26)	Chlordane-4	5.940	4.983f	2405121	1687413	2.813	7.248 #
27)	Chlordane-5	6.753f	5.634	2043328	2868226	14.794	44.333 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 11:58
Operator : AR\AJ
Sample : 05899-15DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

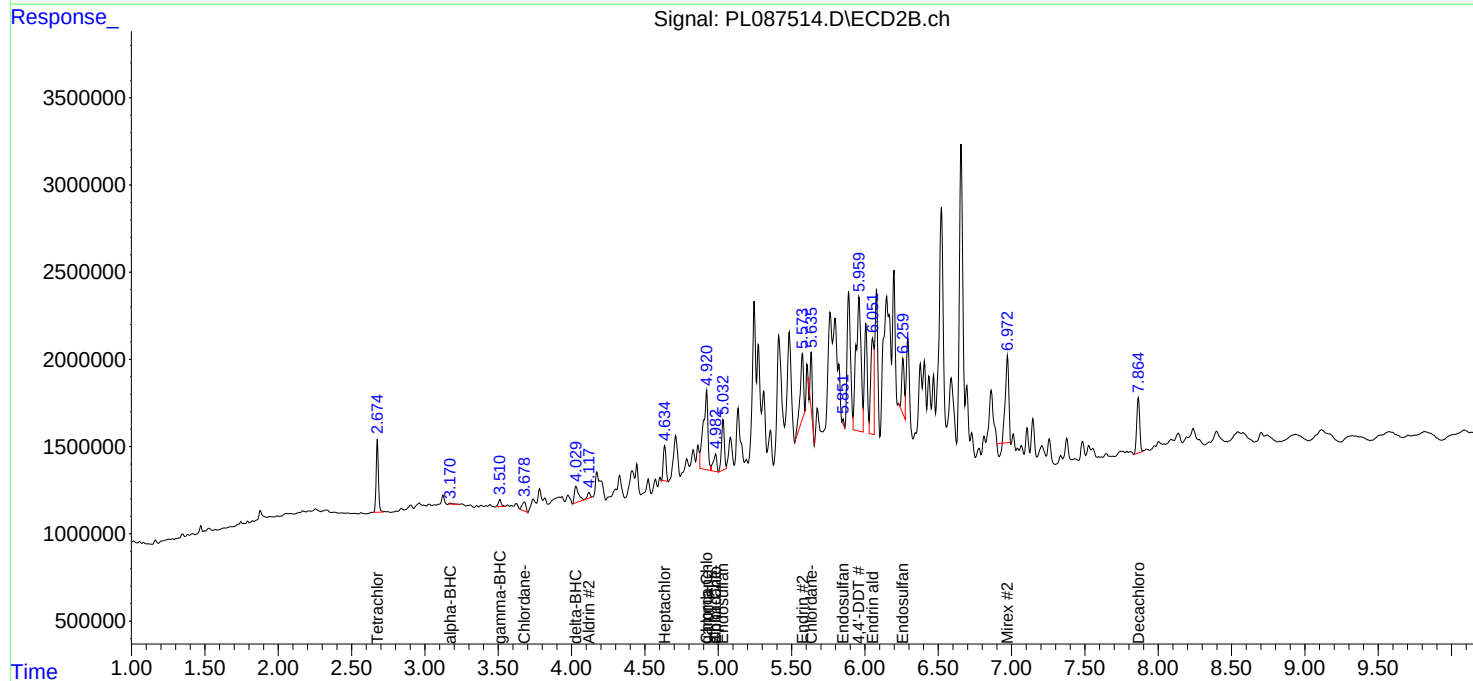
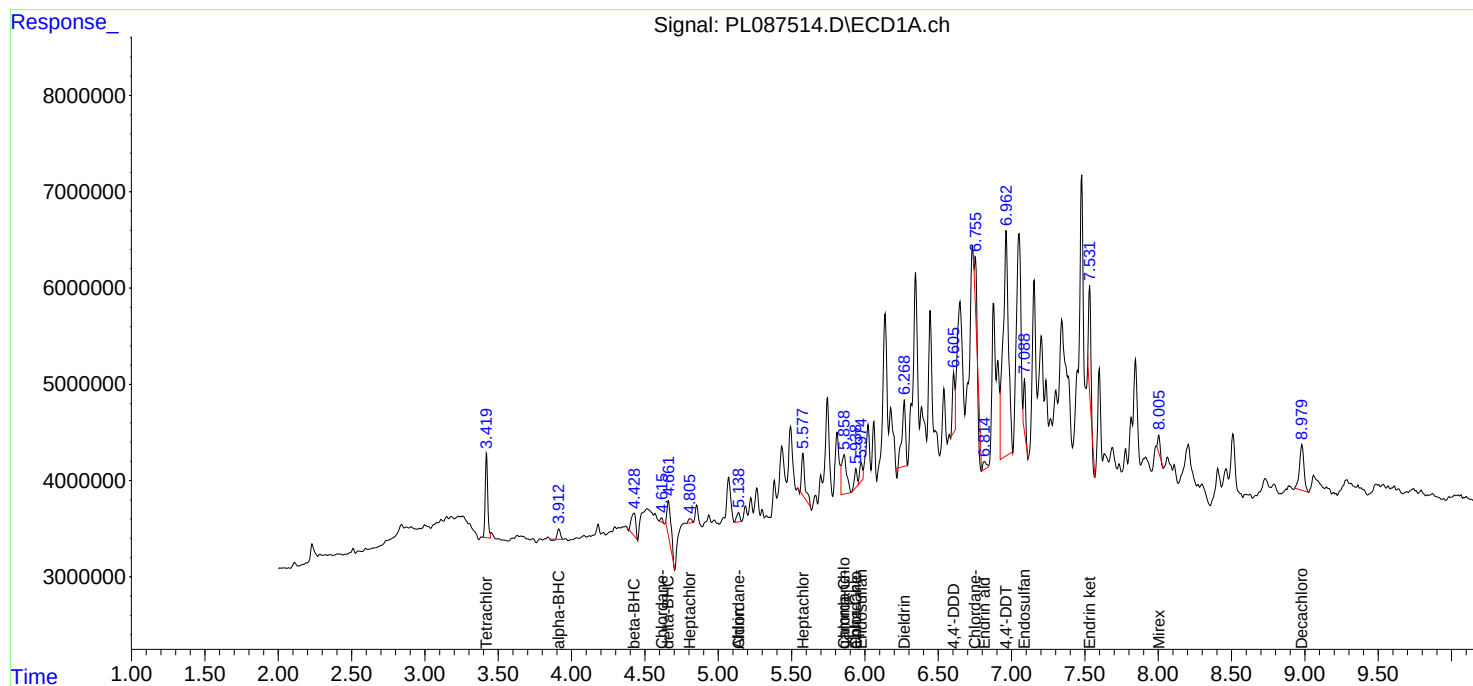
Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

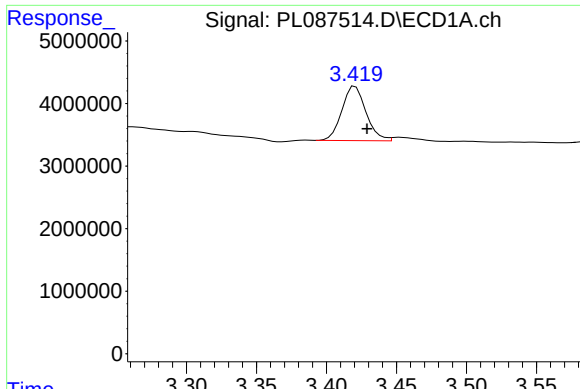
Manual Integrations
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Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 12:20:10 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





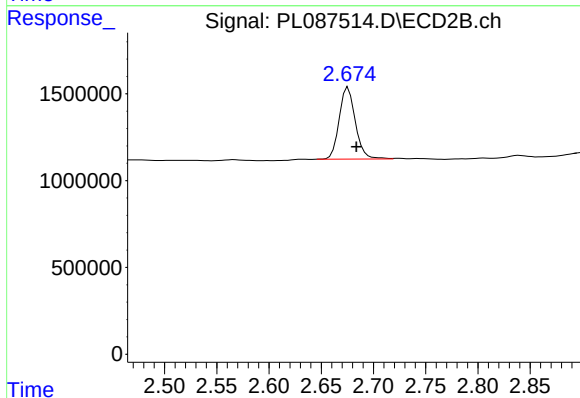
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 10439116
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

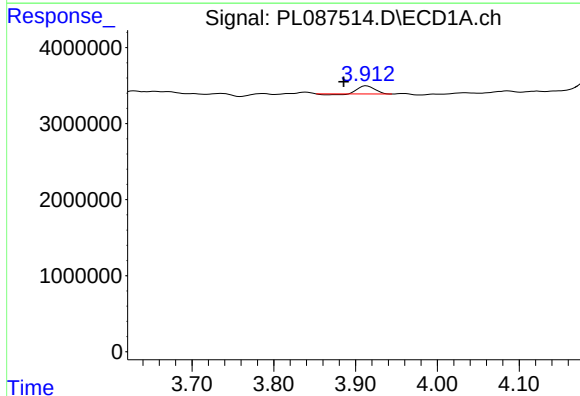
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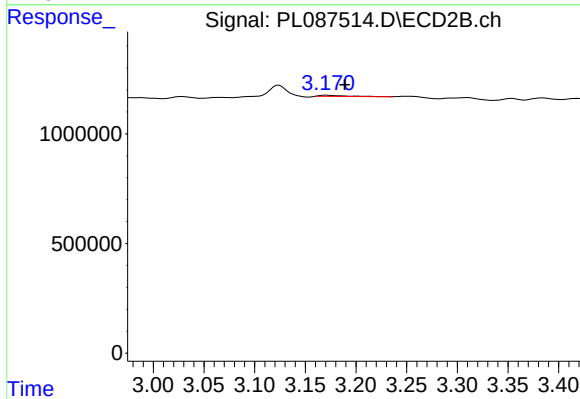
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.008 min
Response: 4451124
Conc: 2.64 ng/ml



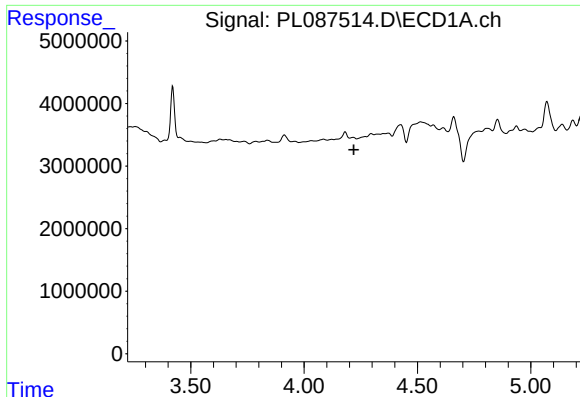
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.028 min
Response: 1382818
Conc: 0.26 ng/ml



#2 alpha-BHC

R.T.: 3.171 min
Delta R.T.: -0.018 min
Response: 100613
Conc: 0.04 ng/ml



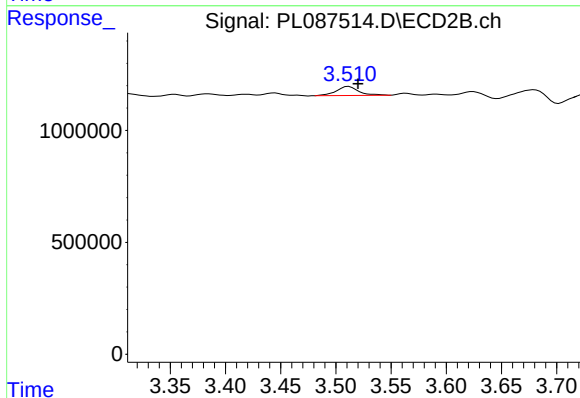
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

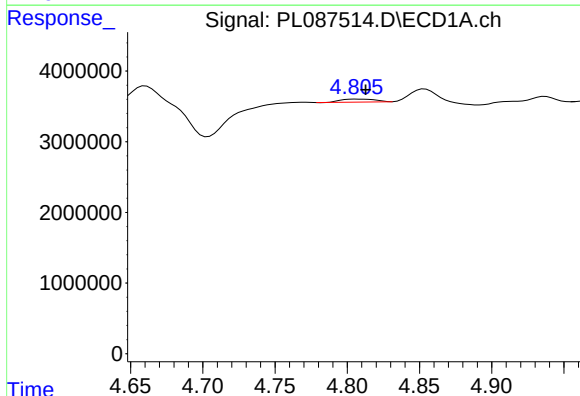
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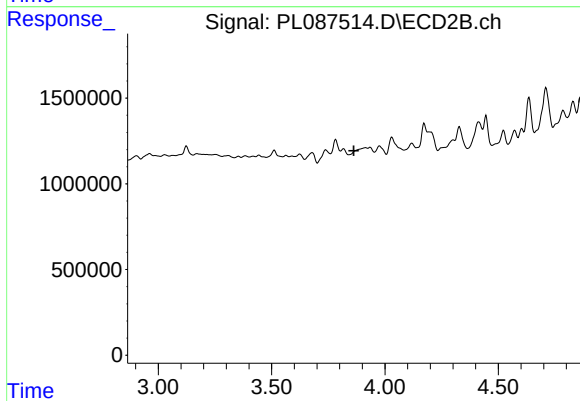
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 571142
Conc: 0.24 ng/ml



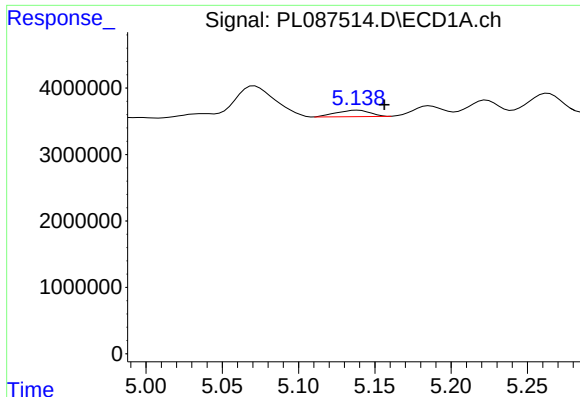
#4 Heptachlor

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 685678
Conc: 0.13 ng/ml



#4 Heptachlor

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



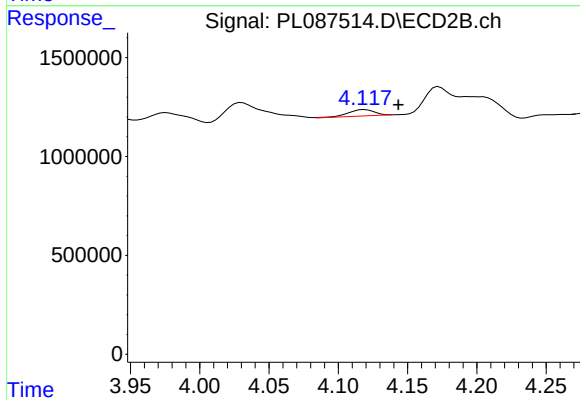
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: -0.017 min
Response: 1466326
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

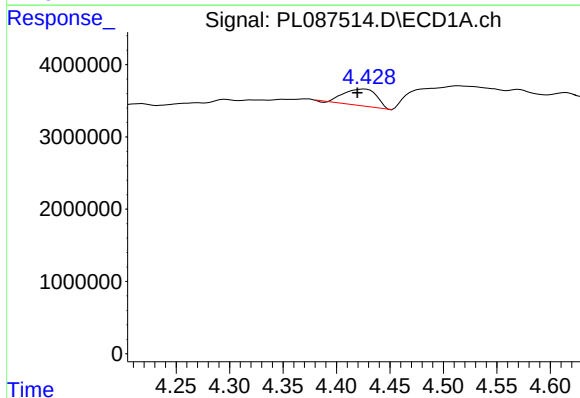
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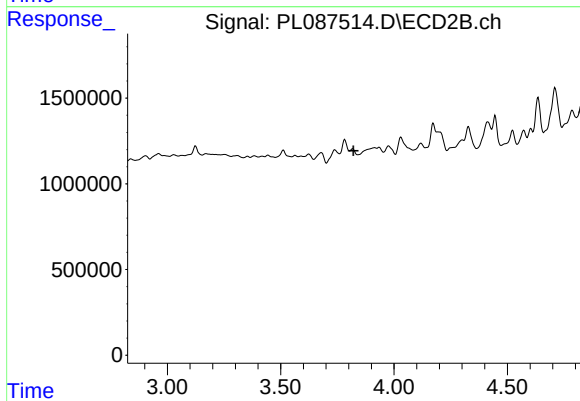
#5 Aldrin

R.T.: 4.119 min
Delta R.T.: -0.025 min
Response: 426955
Conc: 0.18 ng/ml



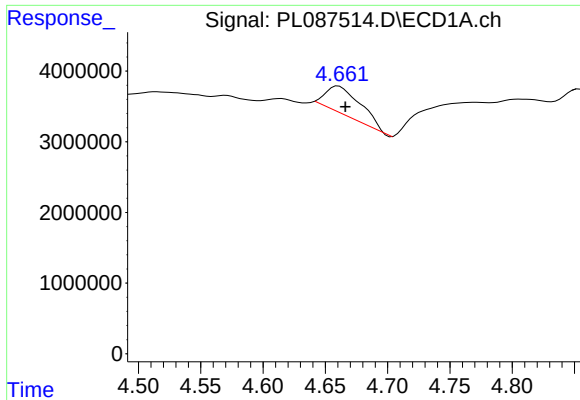
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: 0.007 min
Response: 4905652
Conc: 2.14 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.004 min
Response: -107109
Conc: N.D.



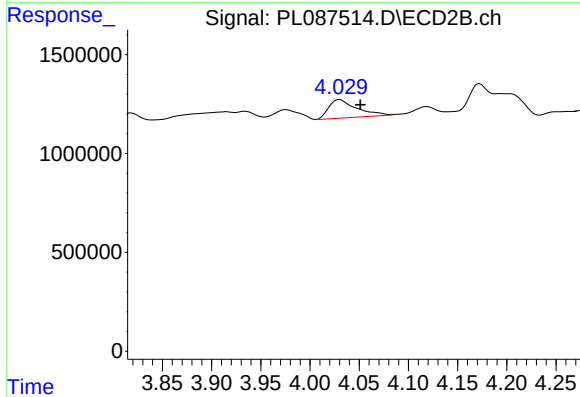
#7 delta-BHC

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 7705272
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

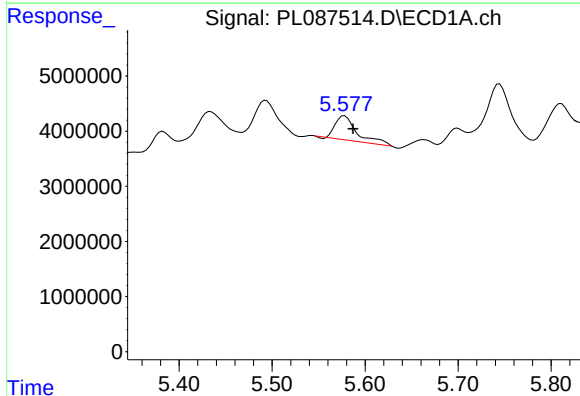
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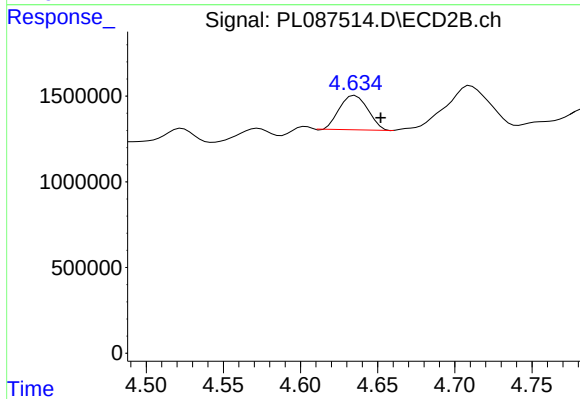
#7 delta-BHC

R.T.: 4.030 min
Delta R.T.: -0.021 min
Response: 1837300
Conc: 0.75 ng/ml



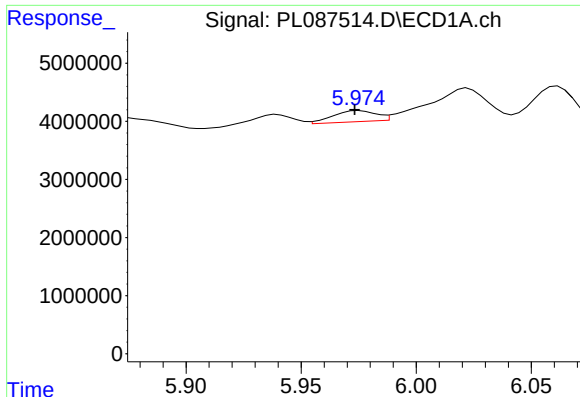
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 6864228
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.635 min
Delta R.T.: -0.017 min
Response: 2579211
Conc: 1.16 ng/ml



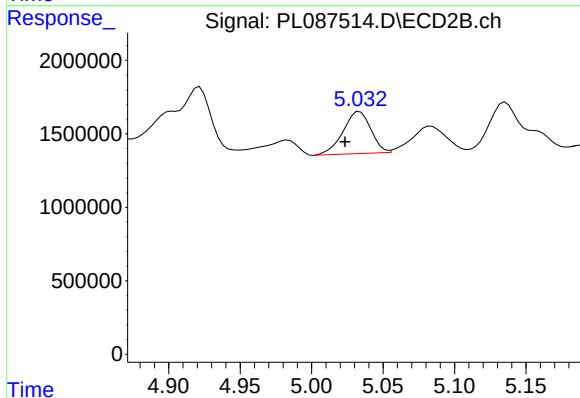
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 2495632
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

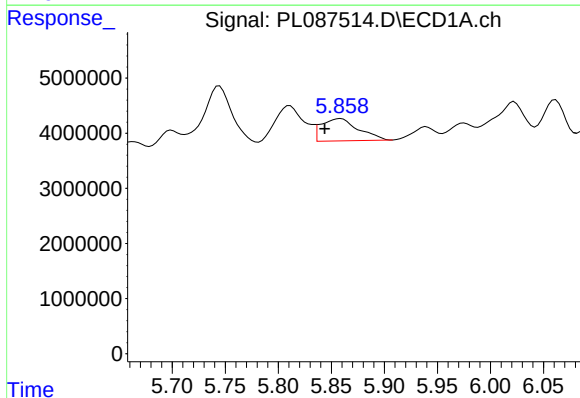
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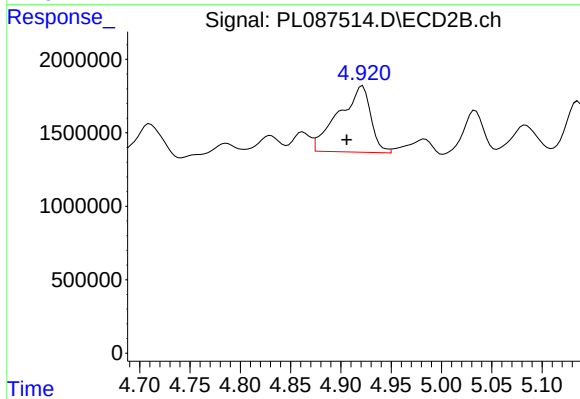
#9 Endosulfan I

R.T.: 5.034 min
Delta R.T.: 0.010 min
Response: 3864820
Conc: 1.79 ng/ml



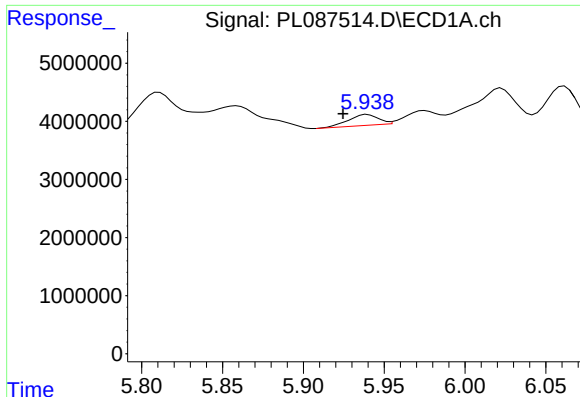
#10 gamma-Chlordane

R.T.: 5.859 min
Delta R.T.: 0.015 min
Response: 9816786
Conc: 2.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.922 min
Delta R.T.: 0.016 min
Response: 10035023
Conc: 4.39 ng/ml



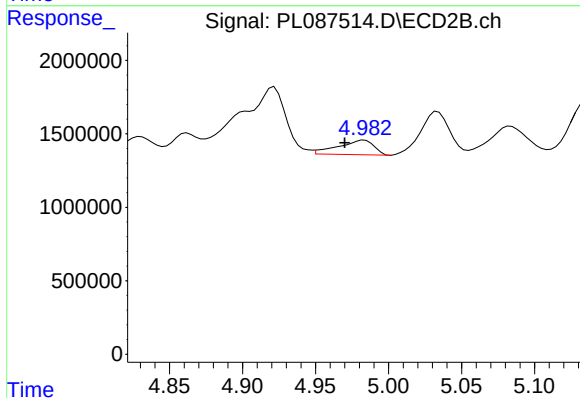
#11 alpha-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.015 min
Response: 2405121
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

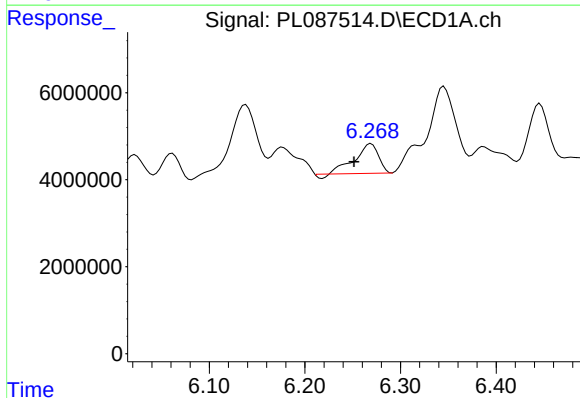
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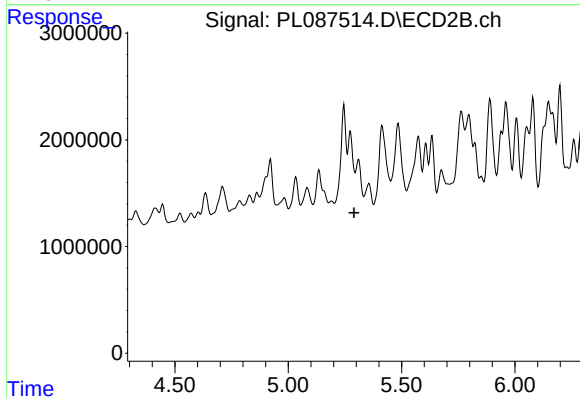
#11 alpha-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.013 min
Response: 1687413
Conc: 0.73 ng/ml



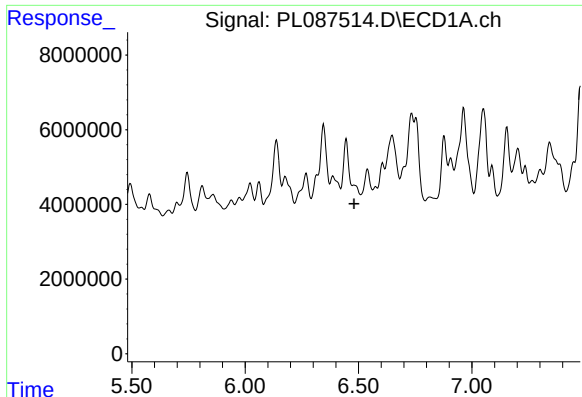
#13 Dieldrin

R.T.: 6.269 min
Delta R.T.: 0.018 min
Response: 11403281
Conc: 2.46 ng/ml



#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.017 min
Response: -517040
Conc: N.D.



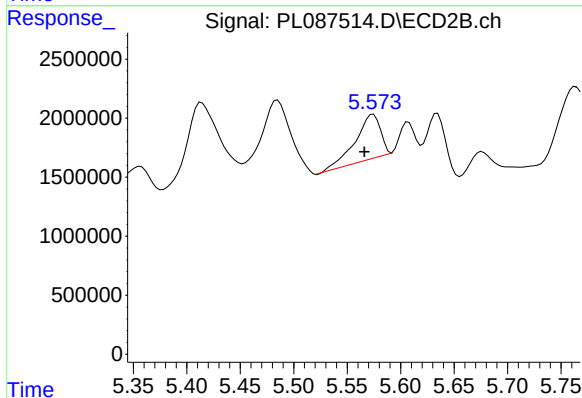
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

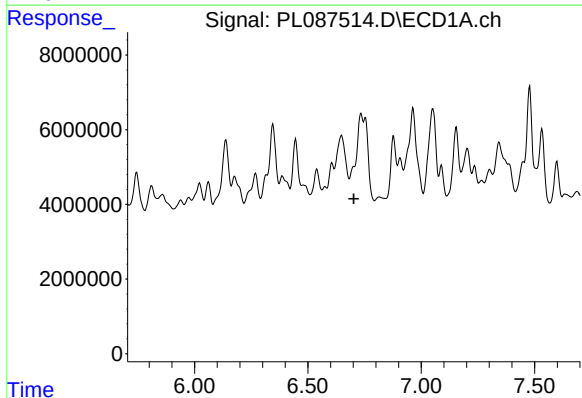
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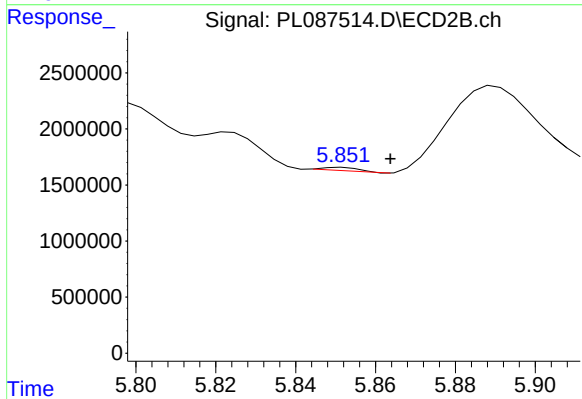
#14 Endrin

R.T.: 5.574 min
Delta R.T.: 0.008 min
Response: 6088082
Conc: 3.05 ng/ml



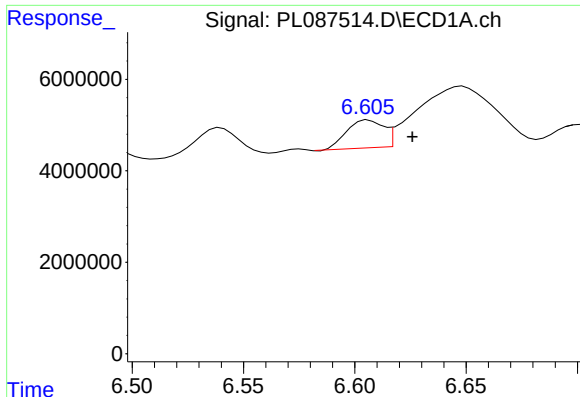
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.702 min
Response: 0
Conc: N.D.



#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.012 min
Response: 187949
Conc: 0.10 ng/ml



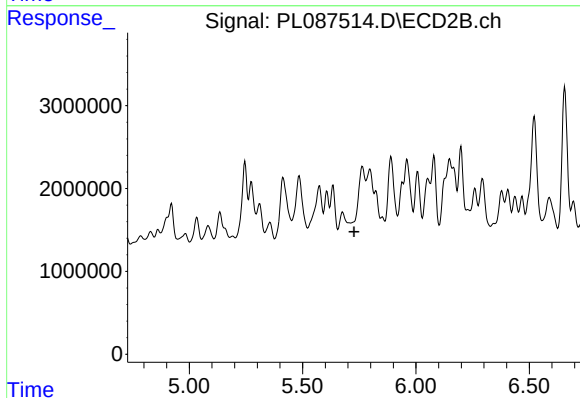
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: -0.020 min
Response: 7009968
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

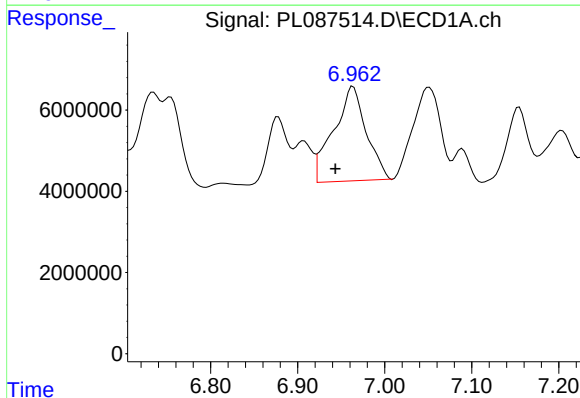
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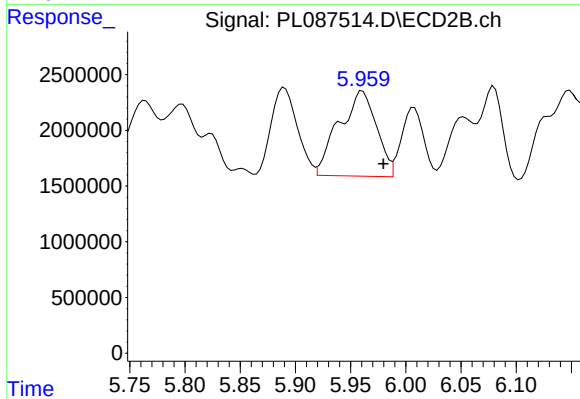
#16 4,4'-DDD

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



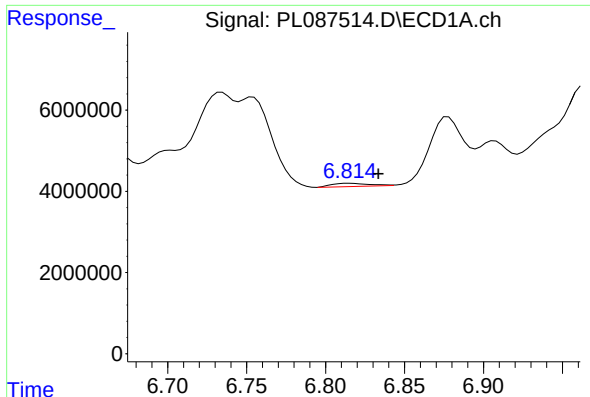
#17 4,4'-DDT

R.T.: 6.964 min
Delta R.T.: 0.020 min
Response: 60580118
Conc: 16.11 ng/ml



#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.019 min
Response: 18080723
Conc: 9.80 ng/ml



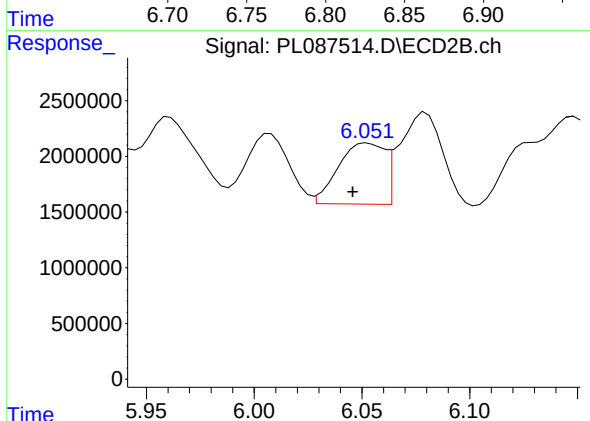
#18 Endrin aldehyde

R.T.: 6.815 min
Delta R.T.: -0.018 min
Response: 1329950
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

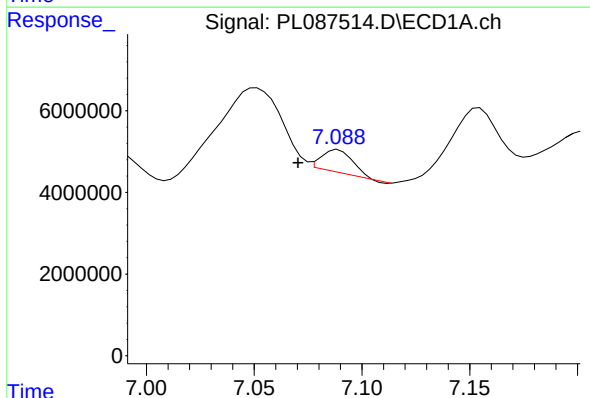
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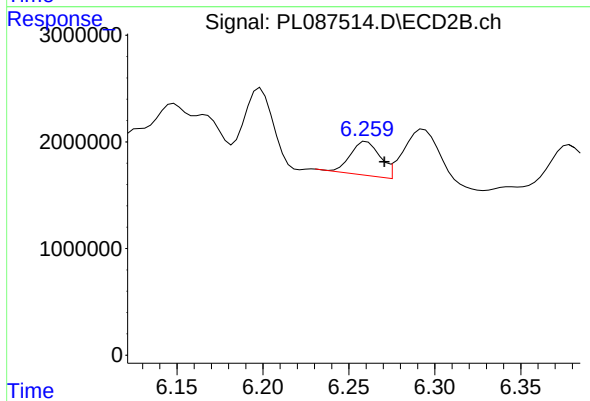
#18 Endrin aldehyde

R.T.: 6.053 min
Delta R.T.: 0.007 min
Response: 8184430
Conc: 5.58 ng/ml



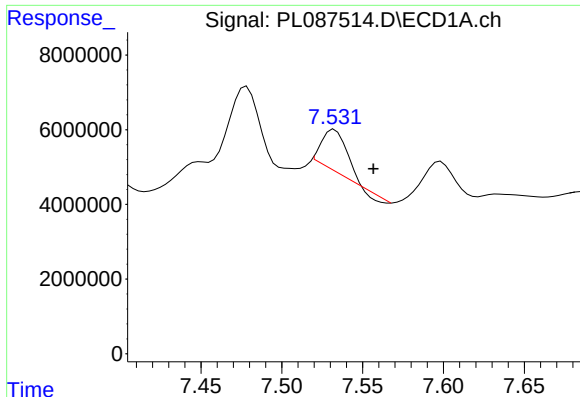
#19 Endosulfan Sulfate

R.T.: 7.089 min
Delta R.T.: 0.019 min
Response: 5599551
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.010 min
Response: 3825512
Conc: 2.03 ng/ml



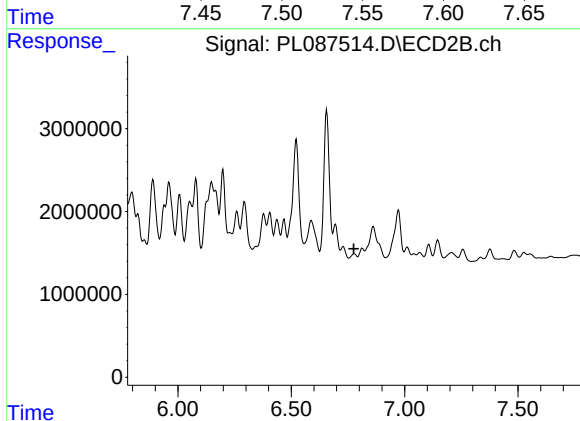
#21 Endrin ketone

R.T.: 7.533 min
Delta R.T.: -0.024 min
Response: 11113409
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

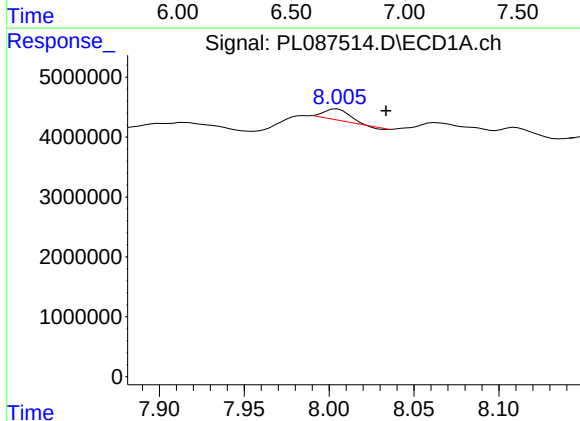
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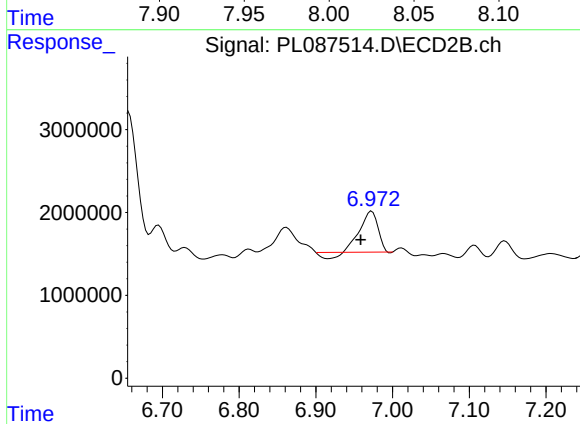
#21 Endrin ketone

R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: -176972
Conc: N.D.



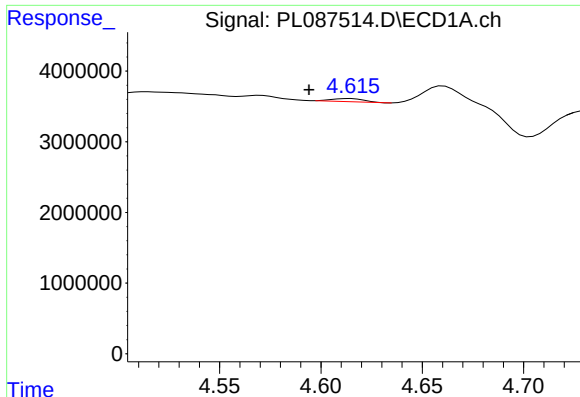
#22 Mirex

R.T.: 8.005 min
Delta R.T.: -0.029 min
Response: 1909466
Conc: 0.57 ng/ml



#22 Mirex

R.T.: 6.973 min
Delta R.T.: 0.015 min
Response: 7193202
Conc: 4.04 ng/ml



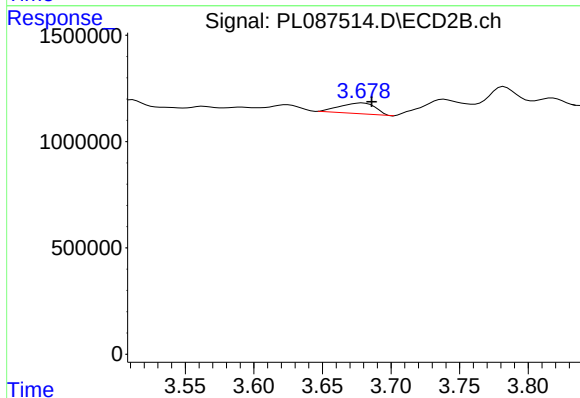
#23 Chlordane-1

R.T.: 4.614 min
Delta R.T.: 0.020 min
Response: 495613
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

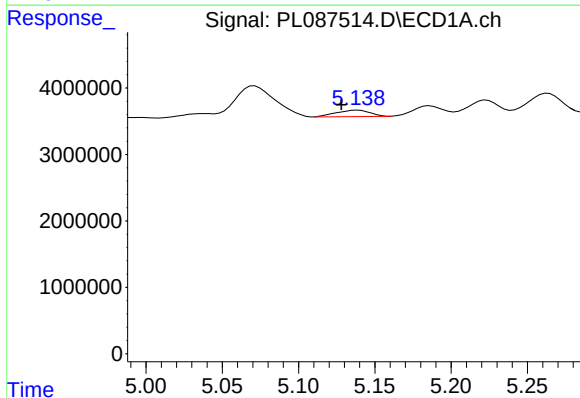
Manual Integrations
APPROVED

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



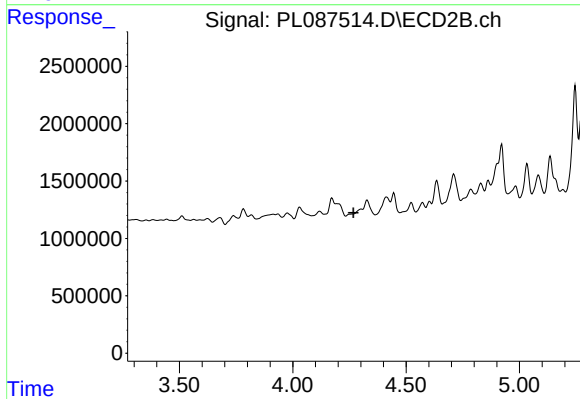
#23 Chlordane-1

R.T.: 3.679 min
Delta R.T.: -0.007 min
Response: 917028
Conc: 14.78 ng/ml



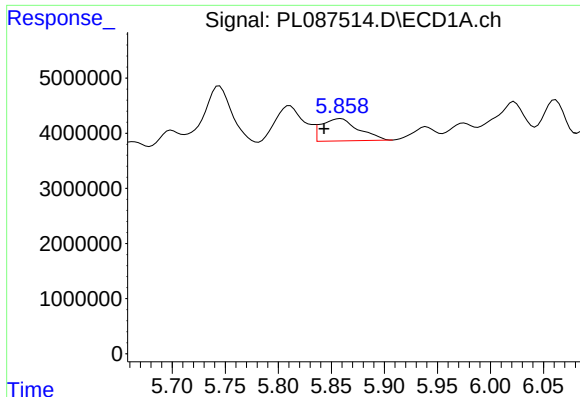
#24 Chlordane-2

R.T.: 5.139 min
Delta R.T.: 0.011 min
Response: 1466326
Conc: 8.42 ng/ml



#24 Chlordane-2

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



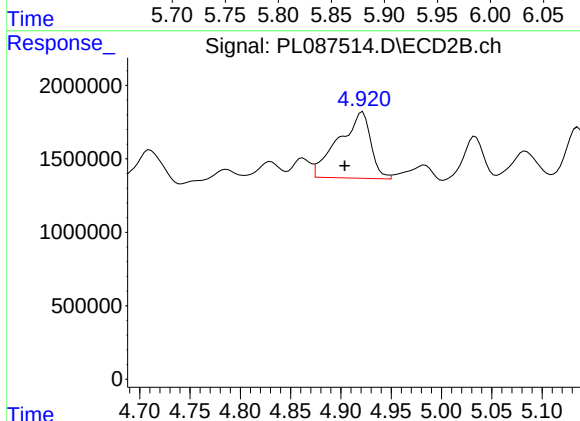
#25 Chlordane-3

R.T.: 5.859 min
Delta R.T.: 0.016 min
Response: 9816786
Conc: 14.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

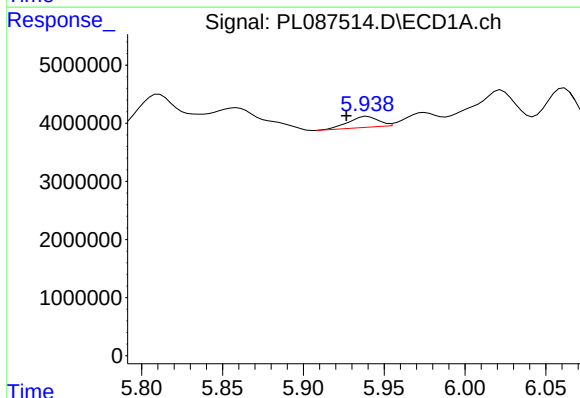
Manual Integrations
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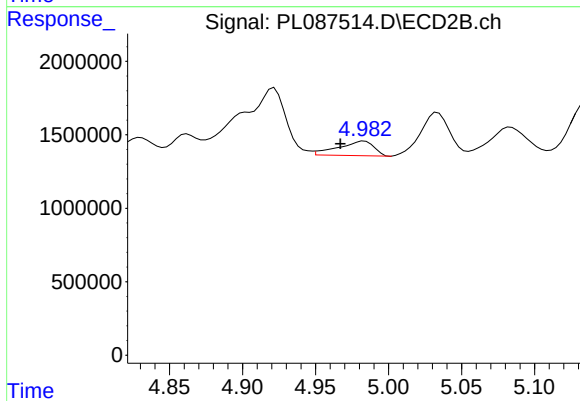
#25 Chlordane-3

R.T.: 4.922 min
Delta R.T.: 0.018 min
Response: 10035023
Conc: 45.39 ng/ml



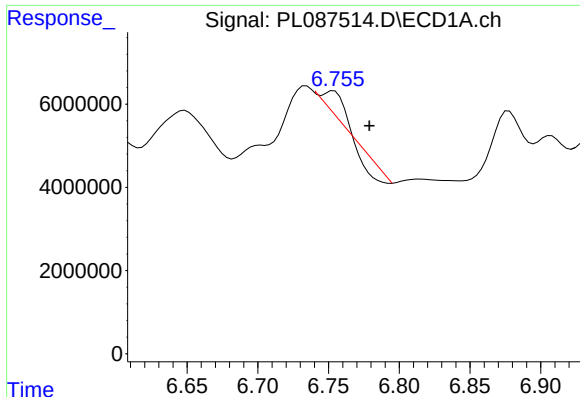
#26 Chlordane-4

R.T.: 5.940 min
Delta R.T.: 0.013 min
Response: 2405121
Conc: 2.81 ng/ml



#26 Chlordane-4

R.T.: 4.983 min
Delta R.T.: 0.017 min
Response: 1687413
Conc: 7.25 ng/ml



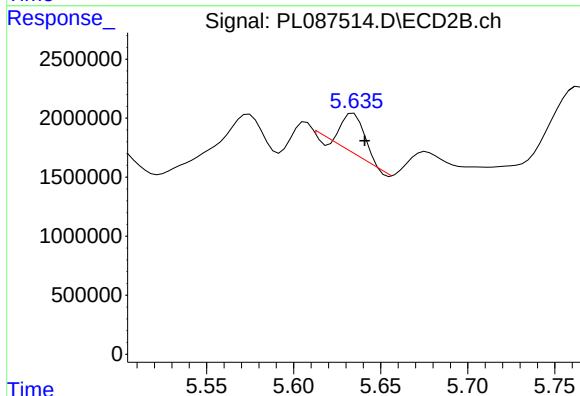
#27 Chlordane-5

R.T.: 6.753 min
Delta R.T.: -0.026 min
Response: 2043328
Conc: 14.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-04DL

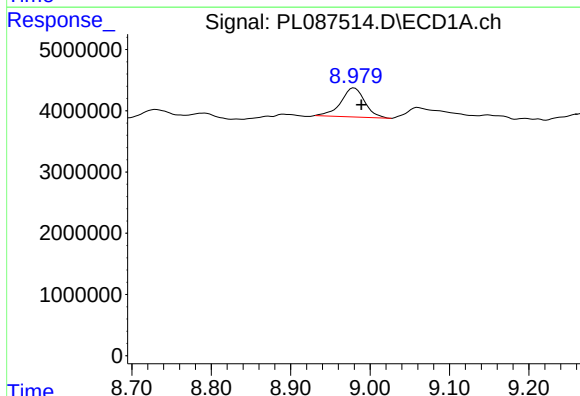
Manual Integrations
APPROVED

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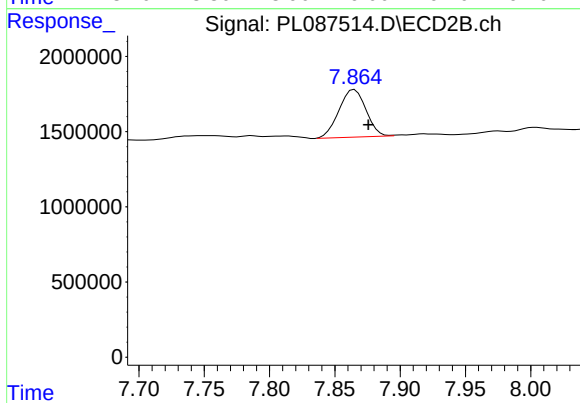
#27 Chlordane-5

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 2868226
Conc: 44.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 9952337
Conc: 2.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.011 min
Response: 4548669
Conc: 2.69 ng/ml