

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 20:01
 Operator : AR\AJ
 Sample : PTOXCCC500
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PTOXCCC500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:45:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	115.7E6	104.0E6	43.326	44.902
28)	SA Decachlor...	8.734	7.749	88742347	99312855	46.484	43.511
Target Compounds							
2)	A alpha-BHC	3.767	3.136	966255	1042366	0.243	0.306 #
3)	MA gamma-BHC...	4.095	3.459	325617	1192616	0.087	0.371 #
4)	MA Heptachlor	4.687	3.827f	407213	488366	0.111	0.143 #
5)	MB Aldrin	4.998f	4.110f	793247	1672600	0.241	0.531 #
6)	B beta-BHC	4.314	3.766	1205362	525772	0.707	0.385 #
7)	B delta-BHC	0.000	3.972f	0	597770	N.D.	0.195 #
8)	Heptachlo...	5.434	4.572	2808399	1057770	0.921	0.367 #
9)	A Endosulfan I	5.829	4.972f	239151	73540	0.086	0.028 #
10)	B gamma-Chl...	5.709	4.848f	3494703	10325485	1.162	3.558 #
11)	B alpha-Chl...	5.794f	4.913f	653527	1437035	0.219	0.495 #
12)	B 4,4'-DDE	0.000	5.061f	0	491153	N.D.	0.214 #
13)	MA Dieldrin	6.082	5.194f	2117284	169765	0.767	0.063 #
14)	MA Endrin	6.329	5.499	335517	2307888	0.138	0.944 #
15)	B Endosulfa...	0.000	5.770f	0	3431291	N.D.	1.522 #
16)	A 4,4'-DDD	6.449f	5.646	2092438	649250	1.032	0.347 #
17)	MA 4,4'-DDT	6.803f	5.876	35612303	3542556	15.567	1.677 #
18)	B Endrin al...	6.685	5.961	3079870	5935951	1.635	3.172 #
19)	B Endosulfa...	6.926f	6.206f	965720	7239412	0.407	3.075 #
21)	B Endrin ke...	0.000	6.687	0	2312669	N.D.	0.911 #
22)	Mirex	0.000	6.877	0	19760626	N.D.	8.576 #
23)	Chlordane-1	0.000	3.619	0	597880	N.D.	6.742 #
24)	Chlordane-2	4.998	4.220	793247	1689838	6.663	15.069 #
25)	Chlordane-3	5.709	4.848	3494703	10325485	8.095	36.343 #
26)	Chlordane-4	5.794f	4.913f	653527	1437035	1.257	4.816 #
27)	Chlordane-5	6.600f	5.770f	3871658	3431291	41.233	34.760

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

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Data File : PL082671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 20:01
Operator : AR\AJ
Sample : PTOXCCC500
Misc :
ALS Vial : 18 Sample Multiplier: 1

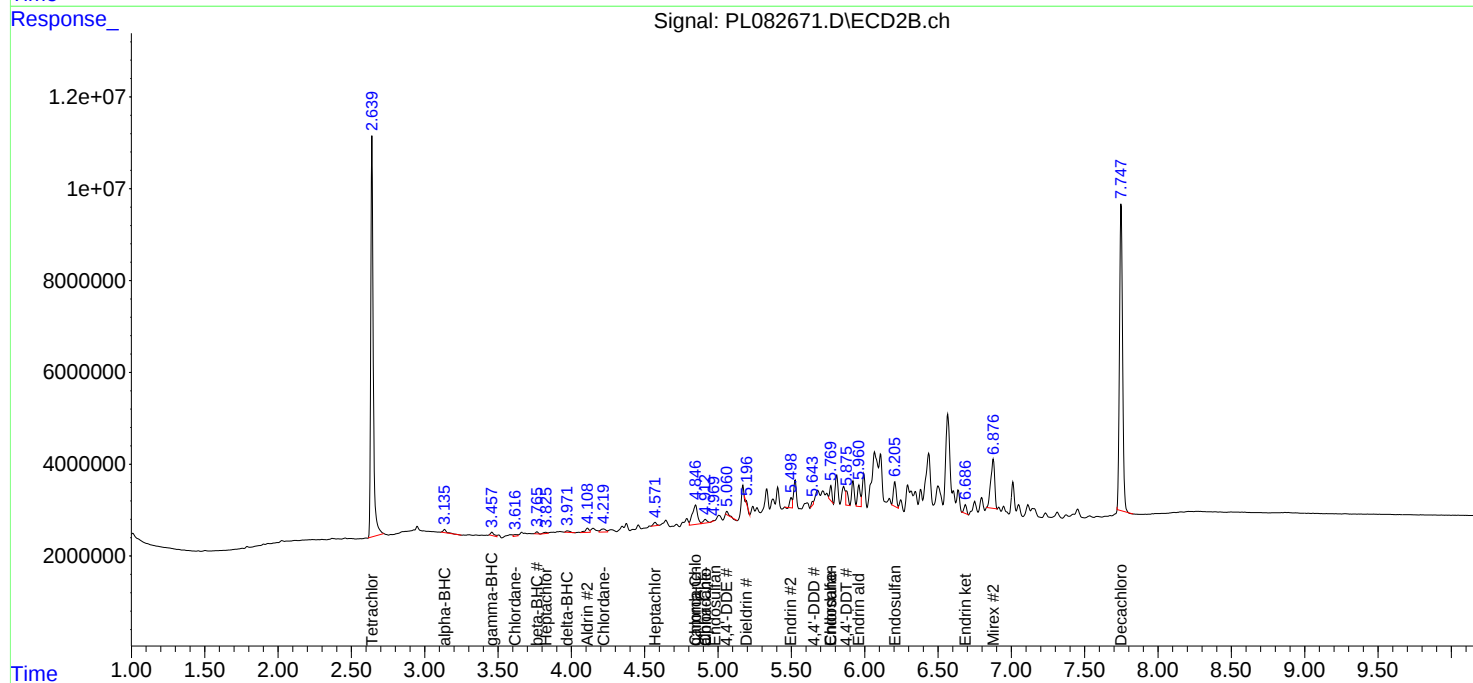
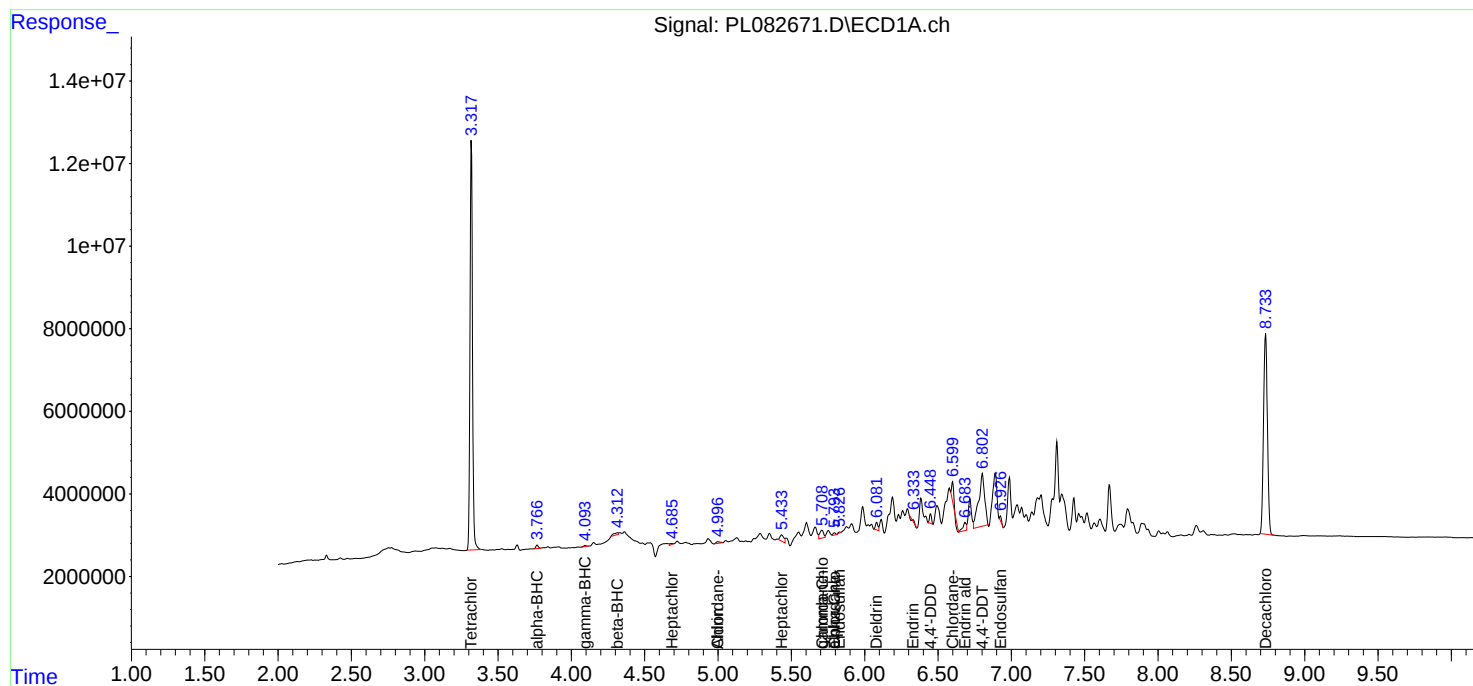
Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

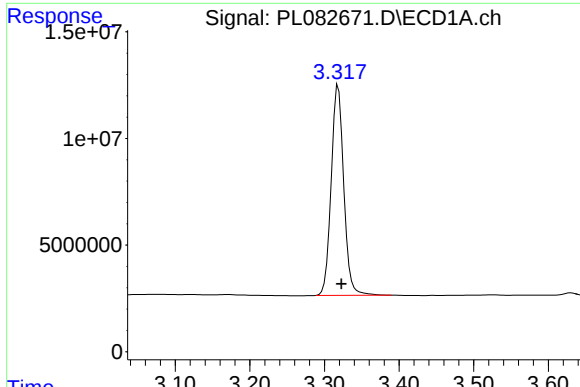
Manual Integrations
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Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:45:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





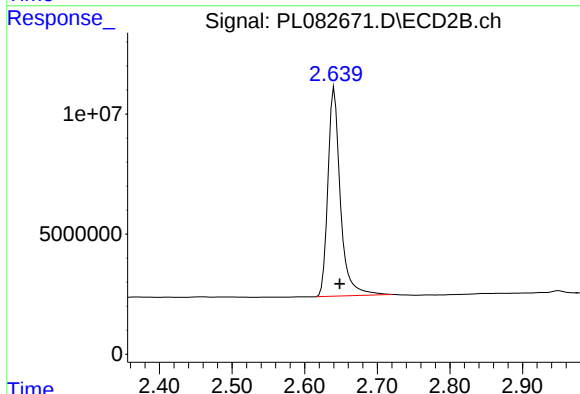
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 115732486
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

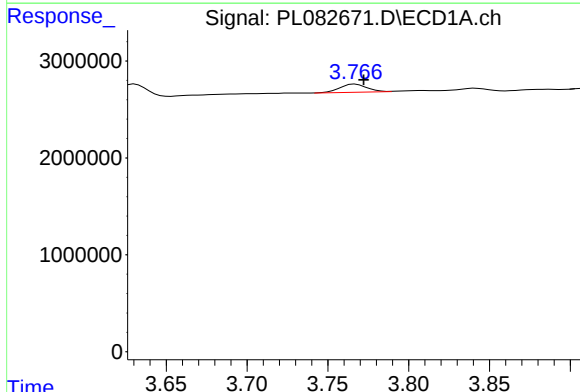
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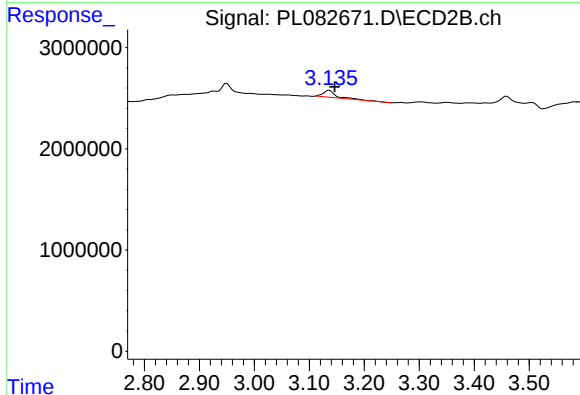
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 104025214
Conc: 44.90 ng/ml



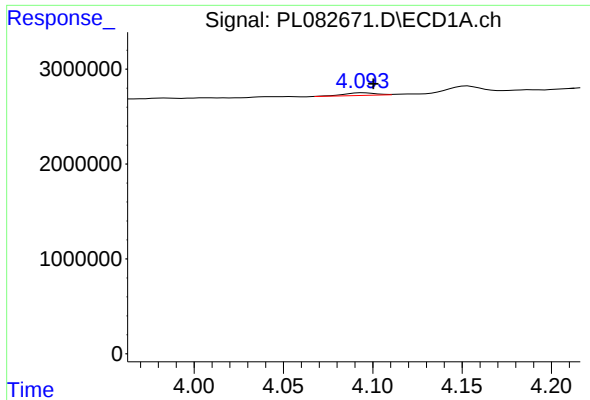
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 966255
Conc: 0.24 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: -0.010 min
Response: 1042366
Conc: 0.31 ng/ml



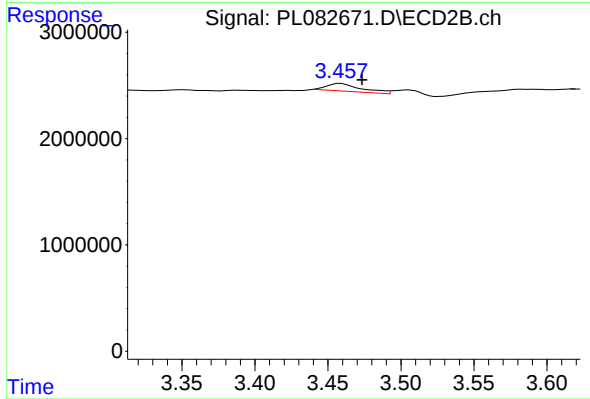
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 325617
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

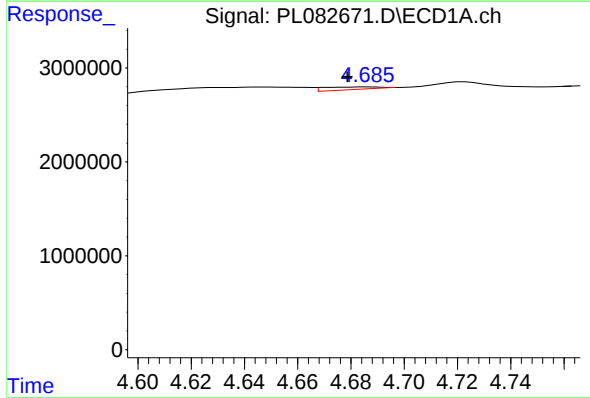
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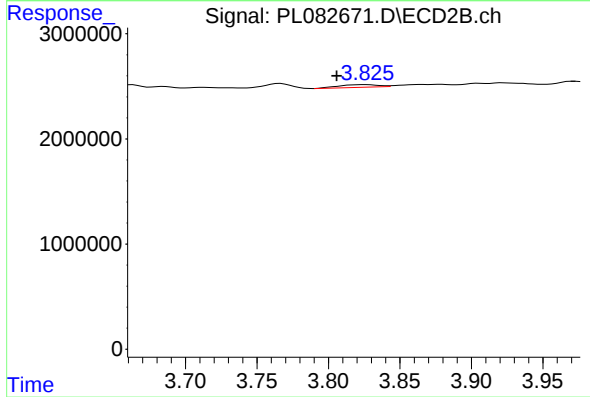
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.015 min
Response: 1192616
Conc: 0.37 ng/ml



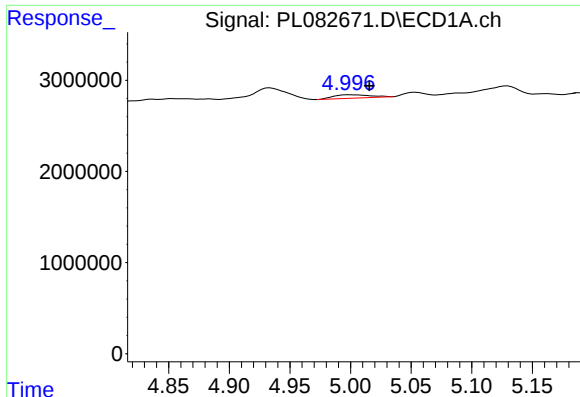
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: 0.008 min
Response: 407213
Conc: 0.11 ng/ml



#4 Heptachlor

R.T.: 3.827 min
Delta R.T.: 0.021 min
Response: 488366
Conc: 0.14 ng/ml



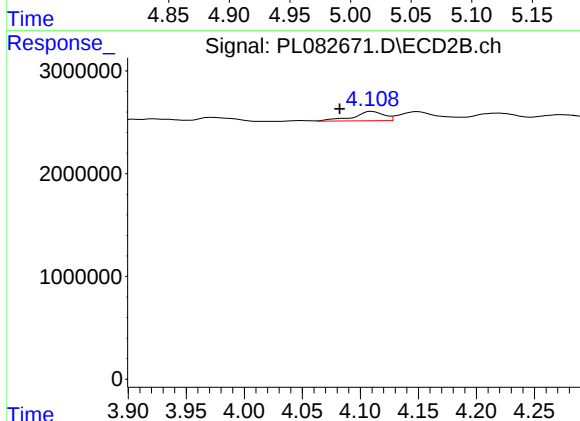
#5 Aldrin

R.T.: 4.998 min
Delta R.T.: -0.017 min
Response: 793247
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

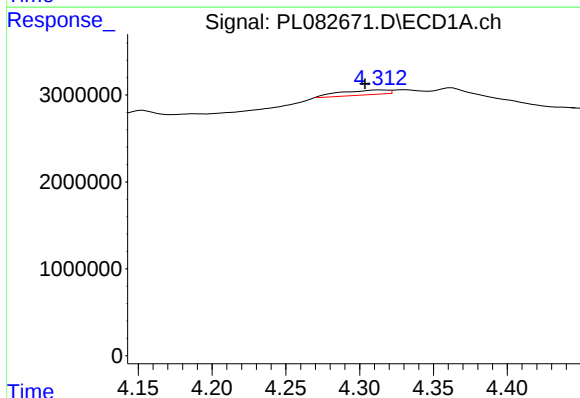
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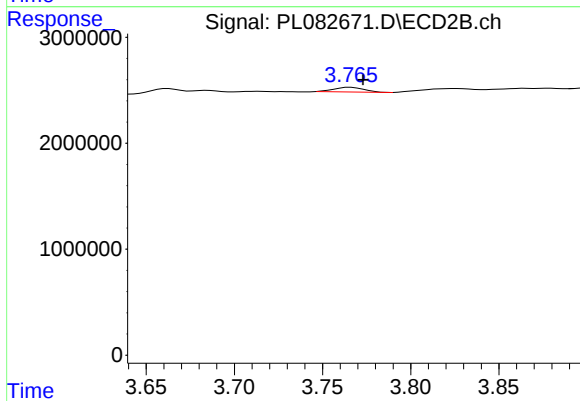
#5 Aldrin

R.T.: 4.110 min
Delta R.T.: 0.027 min
Response: 1672600
Conc: 0.53 ng/ml



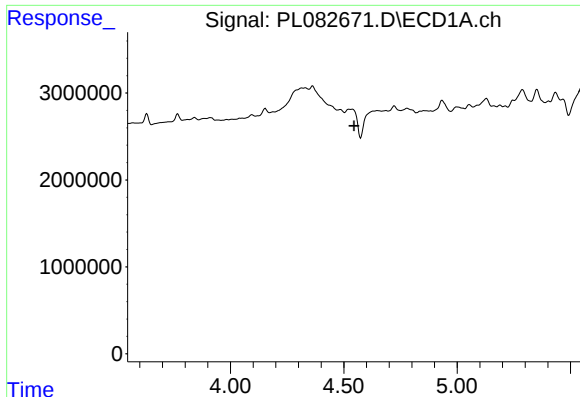
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: 0.010 min
Response: 1205362
Conc: 0.71 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 525772
Conc: 0.39 ng/ml



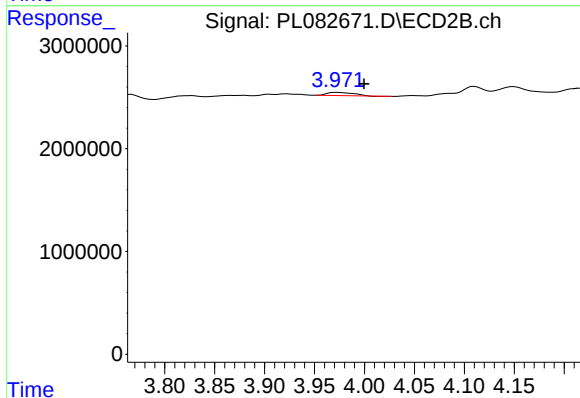
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

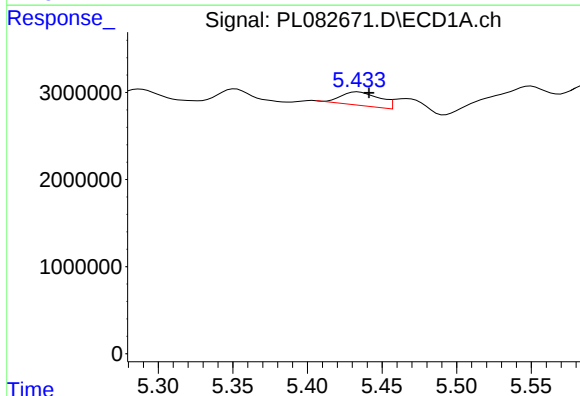
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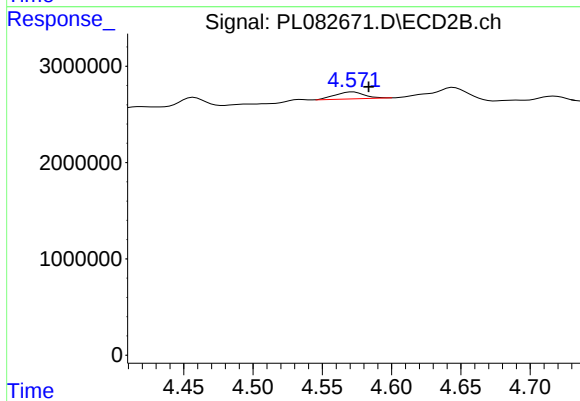
#7 delta-BHC

R.T.: 3.972 min
Delta R.T.: -0.027 min
Response: 597770
Conc: 0.19 ng/ml



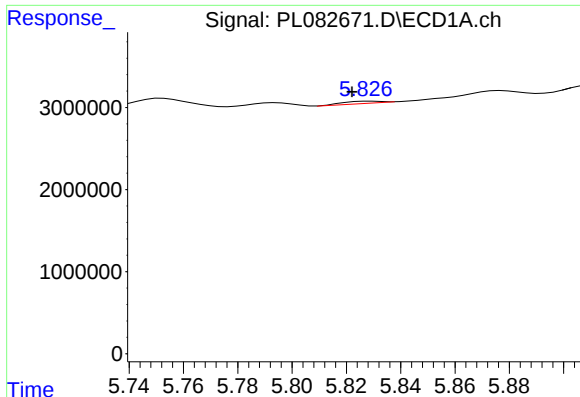
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.007 min
Response: 2808399
Conc: 0.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 1057770
Conc: 0.37 ng/ml



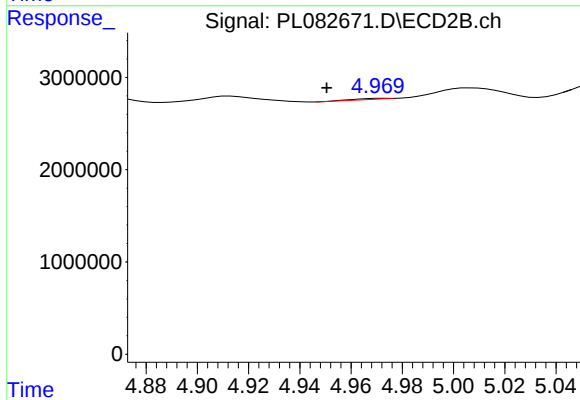
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: 0.007 min
Response: 239151
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

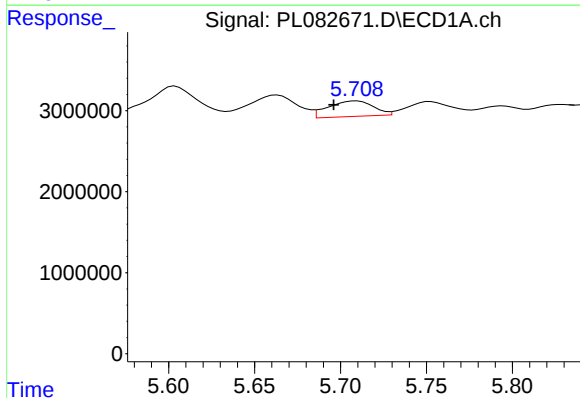
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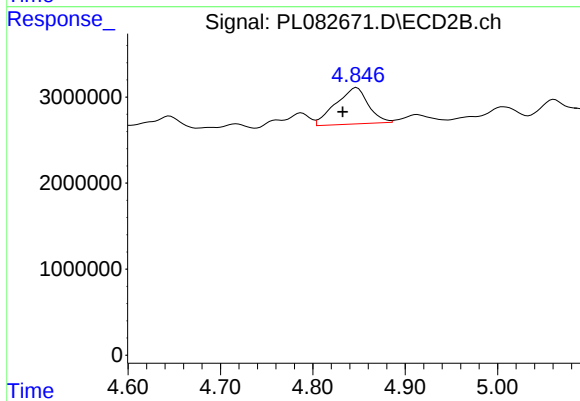
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: 0.022 min
Response: 73540
Conc: 0.03 ng/ml



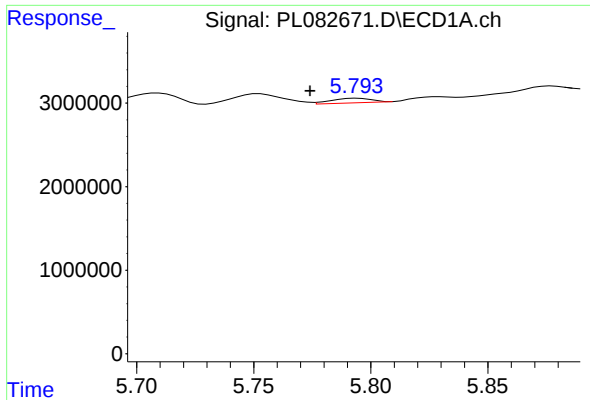
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: 0.013 min
Response: 3494703
Conc: 1.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.848 min
Delta R.T.: 0.015 min
Response: 10325485
Conc: 3.56 ng/ml



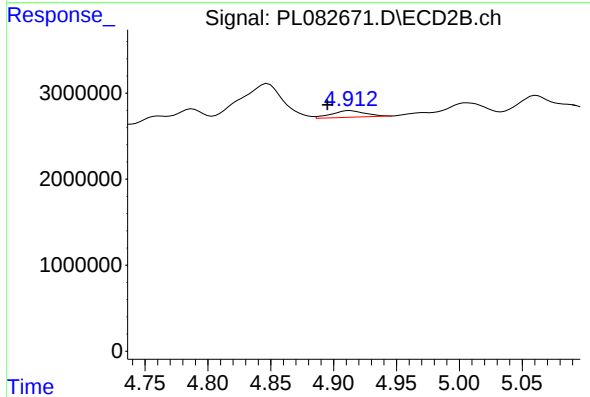
#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: 0.020 min
Response: 653527
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

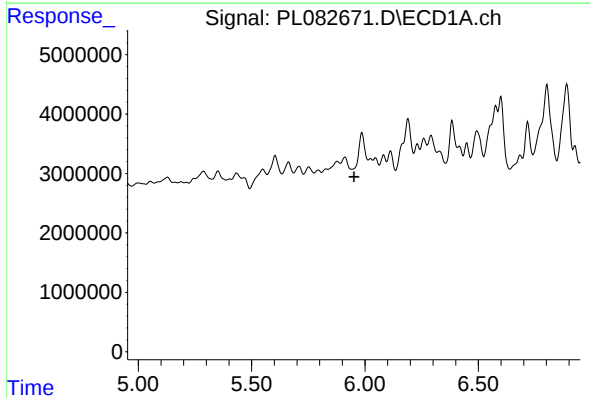
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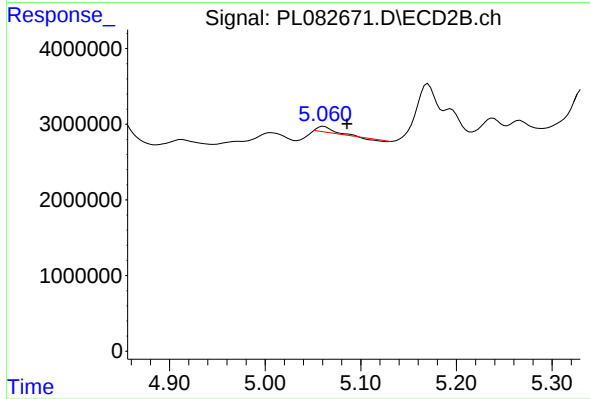
#11 alpha-Chlordane

R.T.: 4.913 min
Delta R.T.: 0.018 min
Response: 1437035
Conc: 0.50 ng/ml



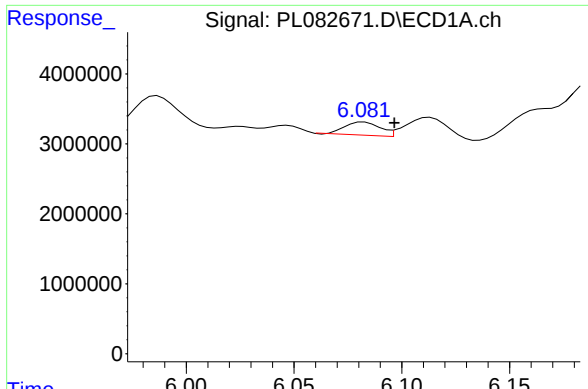
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.952 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.024 min
Response: 491153
Conc: 0.21 ng/ml



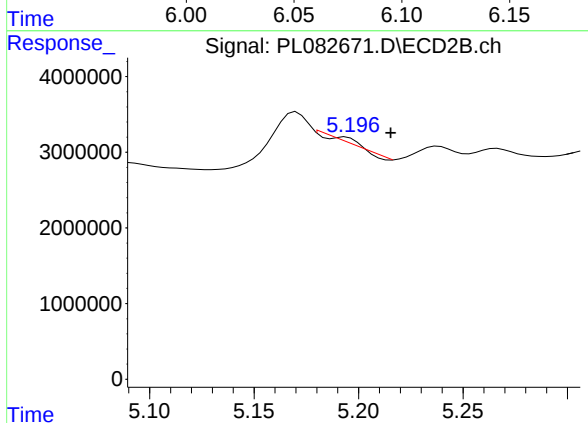
#13 Dieldrin

R.T.: 6.082 min
Delta R.T.: -0.014 min
Response: 2117284
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

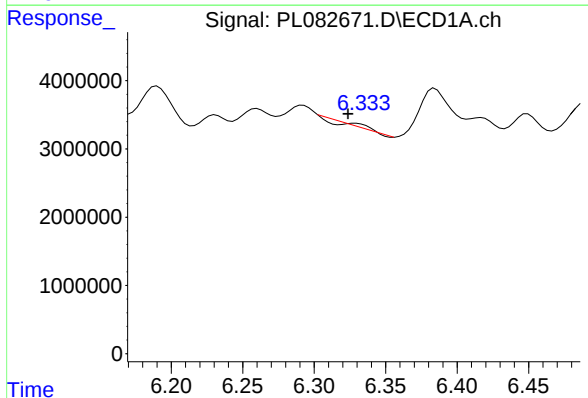
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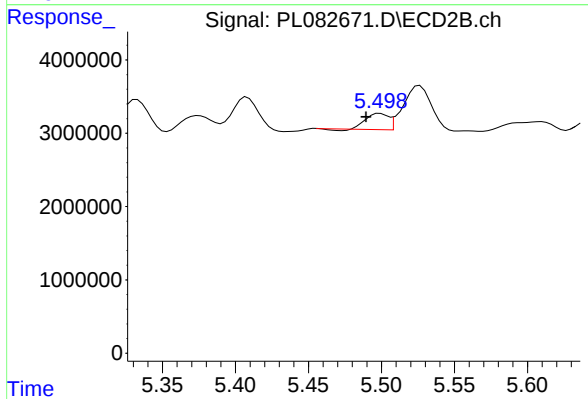
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.022 min
Response: 169765
Conc: 0.06 ng/ml



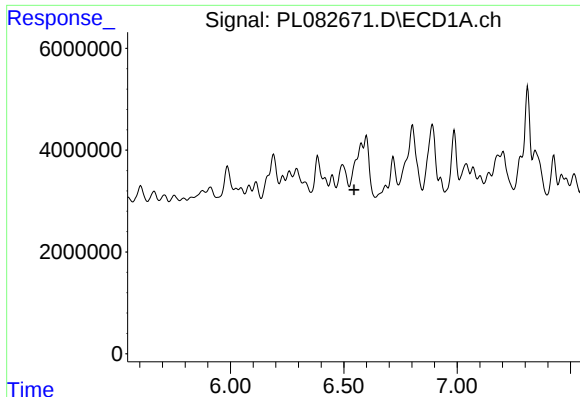
#14 Endrin

R.T.: 6.329 min
Delta R.T.: 0.005 min
Response: 335517
Conc: 0.14 ng/ml



#14 Endrin

R.T.: 5.499 min
Delta R.T.: 0.010 min
Response: 2307888
Conc: 0.94 ng/ml



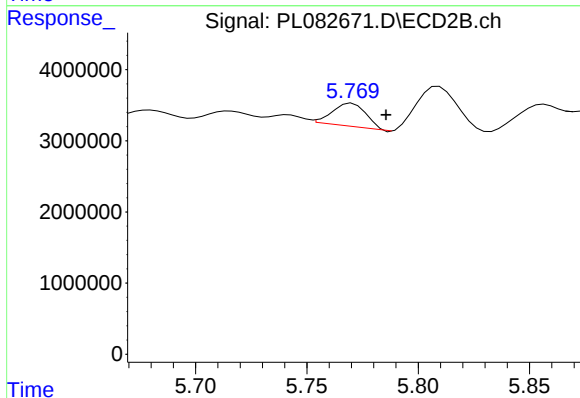
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

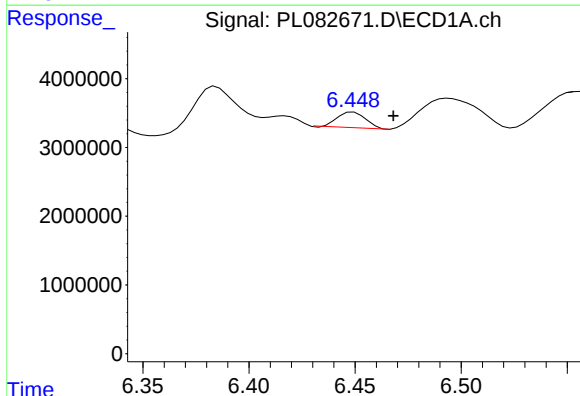
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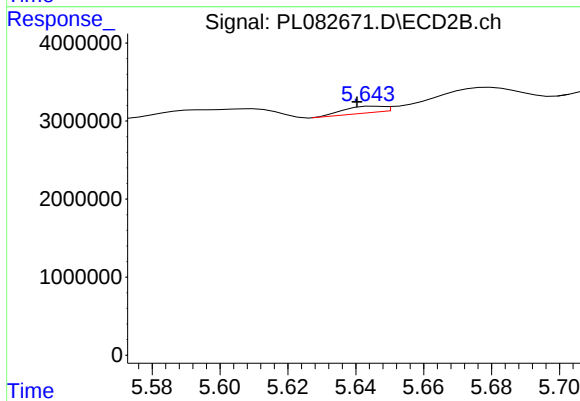
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 3431291
Conc: 1.52 ng/ml



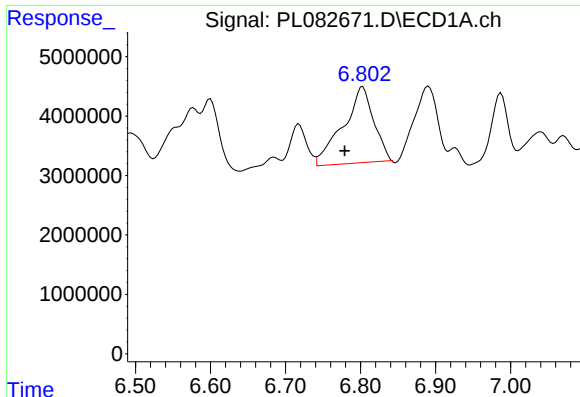
#16 4,4'-DDD

R.T.: 6.449 min
Delta R.T.: -0.019 min
Response: 2092438
Conc: 1.03 ng/ml



#16 4,4'-DDD

R.T.: 5.646 min
Delta R.T.: 0.006 min
Response: 649250
Conc: 0.35 ng/ml



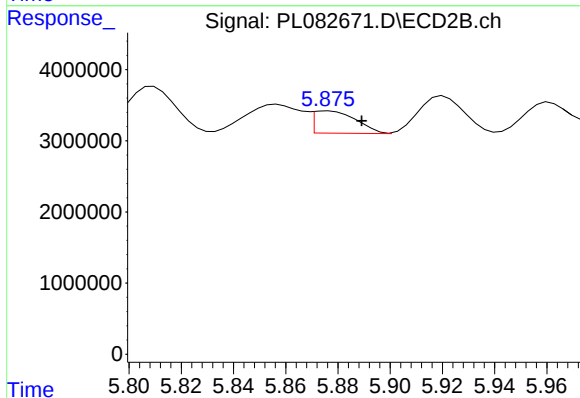
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: 0.024 min
Response: 35612303
Conc: 15.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

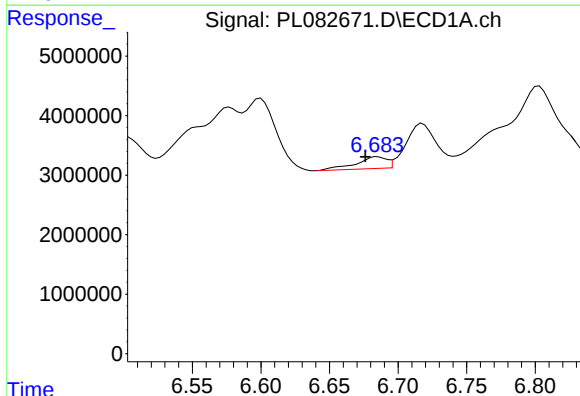
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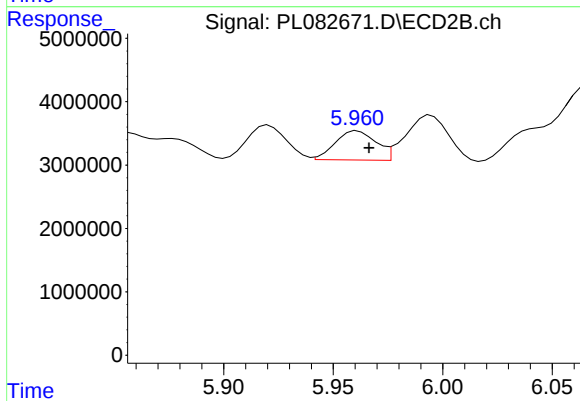
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: -0.013 min
Response: 3542556
Conc: 1.68 ng/ml



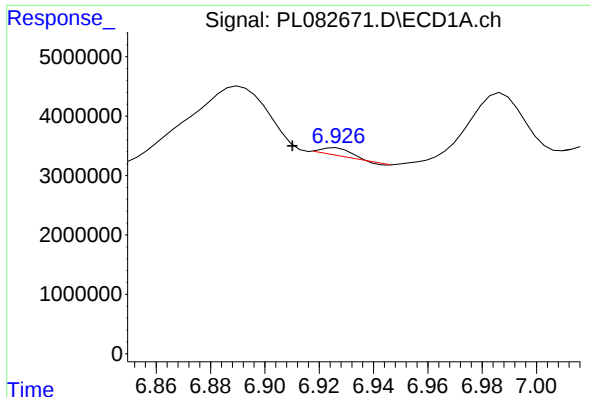
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: 0.009 min
Response: 3079870
Conc: 1.63 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 5935951
Conc: 3.17 ng/ml



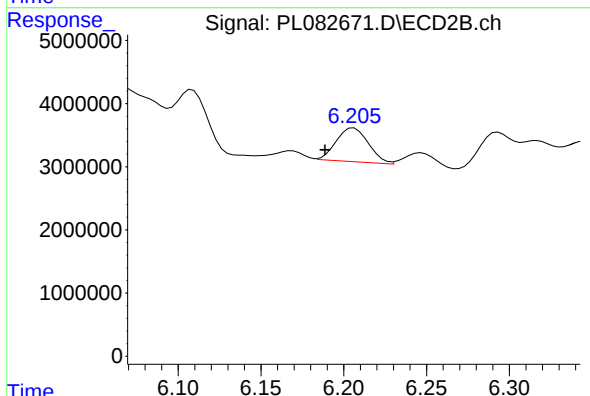
#19 Endosulfan Sulfate

R.T.: 6.926 min
Delta R.T.: 0.016 min
Response: 965720
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

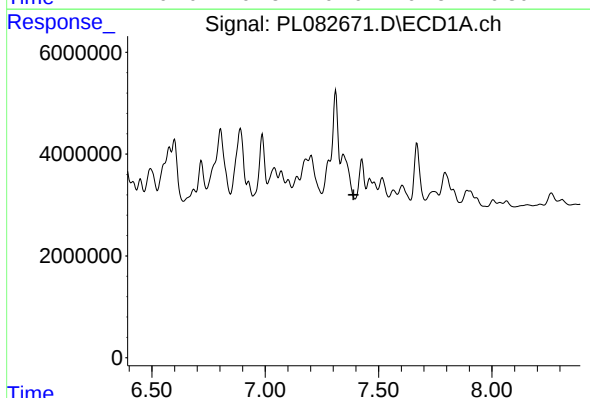
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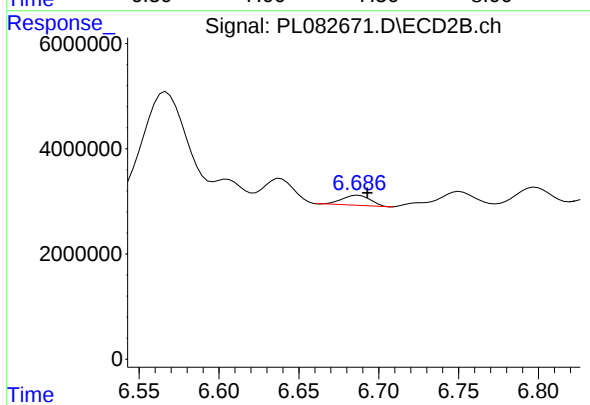
#19 Endosulfan Sulfate

R.T.: 6.206 min
Delta R.T.: 0.017 min
Response: 7239412
Conc: 3.08 ng/ml



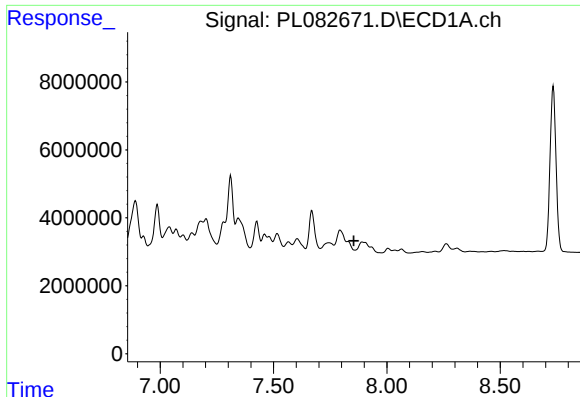
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.390 min
Response: 0
Conc: N.D.



#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.005 min
Response: 2312669
Conc: 0.91 ng/ml



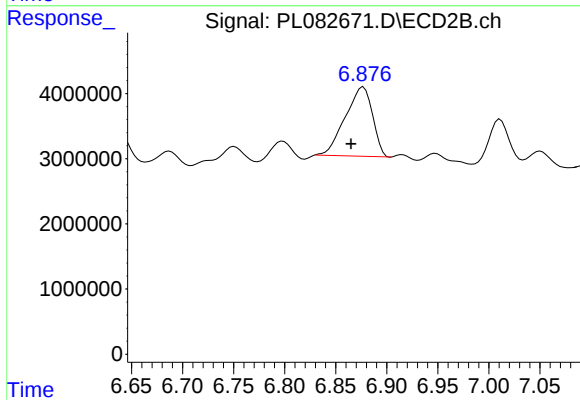
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

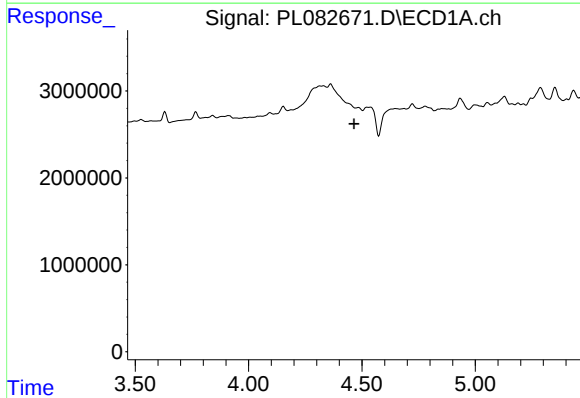
Manual Integrations
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Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



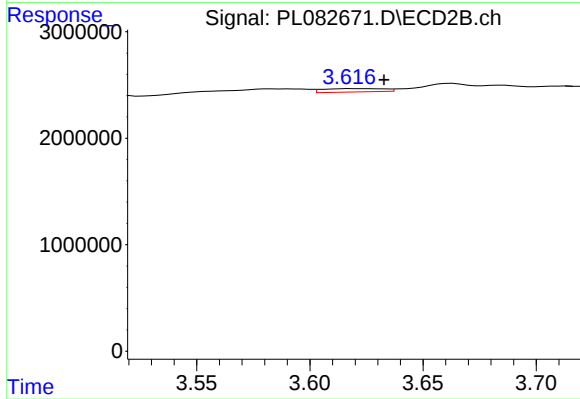
#22 Mirex

R.T.: 6.877 min
Delta R.T.: 0.012 min
Response: 19760626
Conc: 8.58 ng/ml



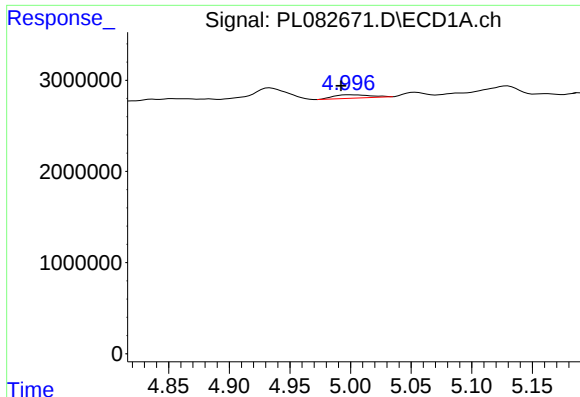
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.619 min
Delta R.T.: -0.014 min
Response: 597880
Conc: 6.74 ng/ml



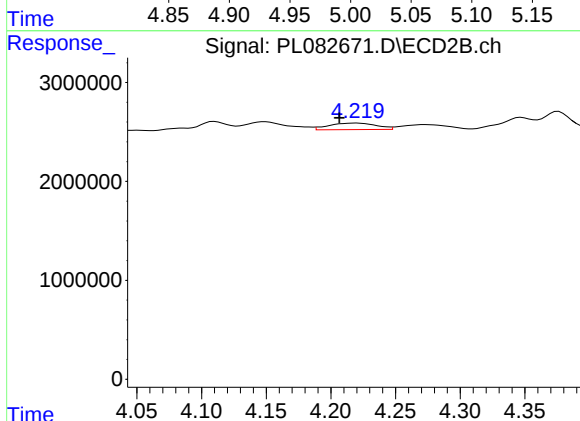
#24 Chlordane-2

R.T.: 4.998 min
Delta R.T.: 0.006 min
Response: 793247
Conc: 6.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

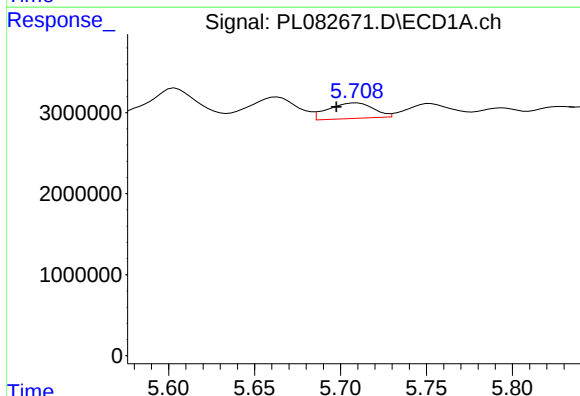
Manual Integrations
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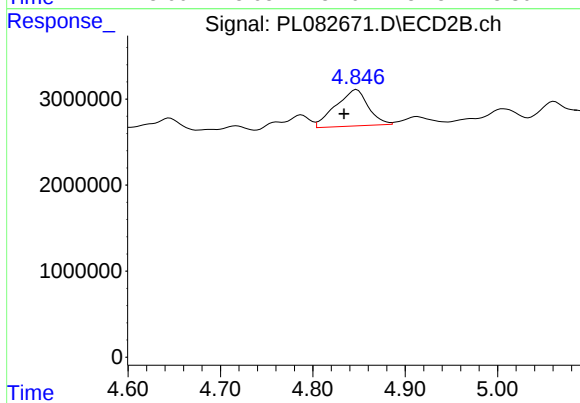
#24 Chlordane-2

R.T.: 4.220 min
Delta R.T.: 0.013 min
Response: 1689838
Conc: 15.07 ng/ml



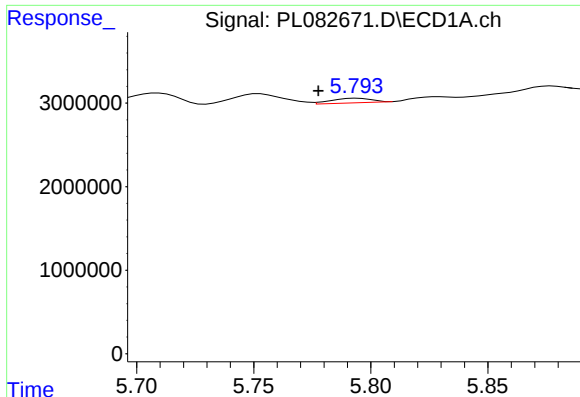
#25 Chlordane-3

R.T.: 5.709 min
Delta R.T.: 0.012 min
Response: 3494703
Conc: 8.10 ng/ml



#25 Chlordane-3

R.T.: 4.848 min
Delta R.T.: 0.014 min
Response: 10325485
Conc: 36.34 ng/ml



#26 Chlordane-4

R.T.: 5.794 min
Delta R.T.: 0.017 min
Response: 653527
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PTOXCCC500

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#26 Chlordane-4

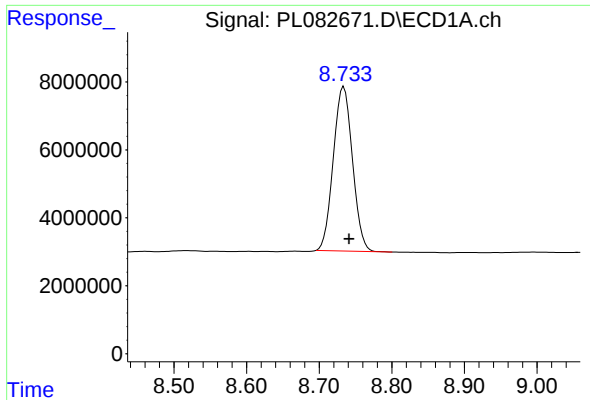
R.T.: 4.913 min
Delta R.T.: 0.019 min
Response: 1437035
Conc: 4.82 ng/ml

#27 Chlordane-5

R.T.: 6.600 min
Delta R.T.: -0.019 min
Response: 3871658
Conc: 41.23 ng/ml

#27 Chlordane-5

R.T.: 5.770 min
Delta R.T.: -0.016 min
Response: 3431291
Conc: 34.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.007 min
Response: 88742347
Conc: 46.48 ng/ml

Instrument :

ECD_L

ClientSampleId :

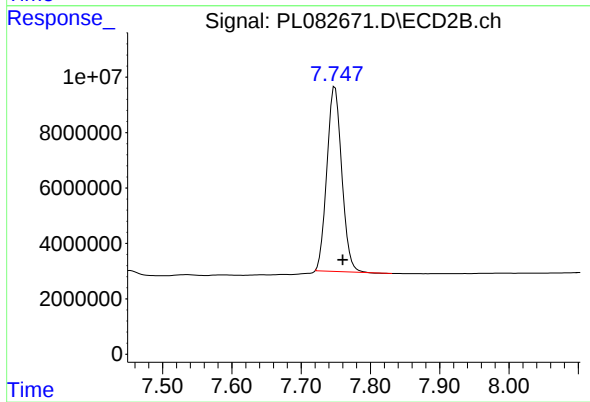
PTOXCCC500

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#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 99312855
Conc: 43.51 ng/ml