

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 17:41
 Operator : AR\AJ
 Sample : PB152710BS
 Misc : TOX-BS
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152710BS

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 21:37:47 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...	3.318	2.641	52563118	48615845	19.678	20.985
28)	SA Decachlor...	8.735	7.749	43240427	48630311	22.650	21.306
Target Compounds							
2)	A alpha-BHC	3.767	3.137	451610	1403890	0.113	0.412 #
3)	MA gamma-BHC...	4.096	3.458f	145228	645164	0.039	0.201 #
4)	MA Heptachlor	4.689	3.822f	316750	287131	0.087	0.084
5)	MB Aldrin	5.003	4.061f	389738	71756	0.118	0.023 #
6)	B beta-BHC	0.000	3.768	0	790279	N.D.	0.579 #
7)	B delta-BHC	0.000	3.973f	0	364466	N.D.	0.119 #
8)	B Heptachlo...	5.433	4.571	1586109	484420	0.520	0.168 #
9)	A Endosulfan I	5.833	4.971f	250209	90158	0.090	0.034 #
10)	B gamma-Chl...	5.710	4.848f	2030180	5238359	0.675	1.805 #
11)	B alpha-Chl...	5.794f	4.915f	373075	754210	0.125	0.260 #
12)	B 4,4'-DDE	0.000	5.062f	0	640551	N.D.	0.279 #
13)	MA Dieldrin	6.082	5.194f	959861	278789	0.348	0.103 #
14)	MA Endrin	0.000	5.499	0	993173	N.D.	0.406 #
15)	B Endosulfa...	0.000	5.770f	0	1361214	N.D.	0.604 #
16)	A 4,4'-DDD	6.449f	5.645	1074955	-483905	0.530	N.D. #
17)	MA 4,4'-DDT	6.803f	5.876	15714875	1667764	6.869	0.789 #
18)	B Endrin al...	6.685	5.960	1351498	2550966	0.717	1.363 #
19)	B Endosulfa...	6.926f	6.206f	59237	3143743	0.025	1.335 #
21)	B Endrin ke...	0.000	6.687	0	944069	N.D.	0.372 #
22)	Mirex	0.000	6.877	0	8379817	N.D.	3.637 #
23)	Chlordane-1	0.000	3.621	0	462924	N.D.	5.220 #
24)	Chlordane-2	5.003	4.218	389738	989624	3.274	8.825 #
25)	Chlordane-3	5.710	4.848	2030180	5238359	4.703	18.438 #
26)	Chlordane-4	5.794f	4.915f	373075	754210	0.718	2.527 #
27)	Chlordane-5	6.599f	5.770f	1936456	1361214	20.623	13.790 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082661.D
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Acq On : 11 May 2023 17:41
Operator : AR\AJ
Sample : PB152710BS
Misc : TOX-BS
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152710BS

Manual Integrations

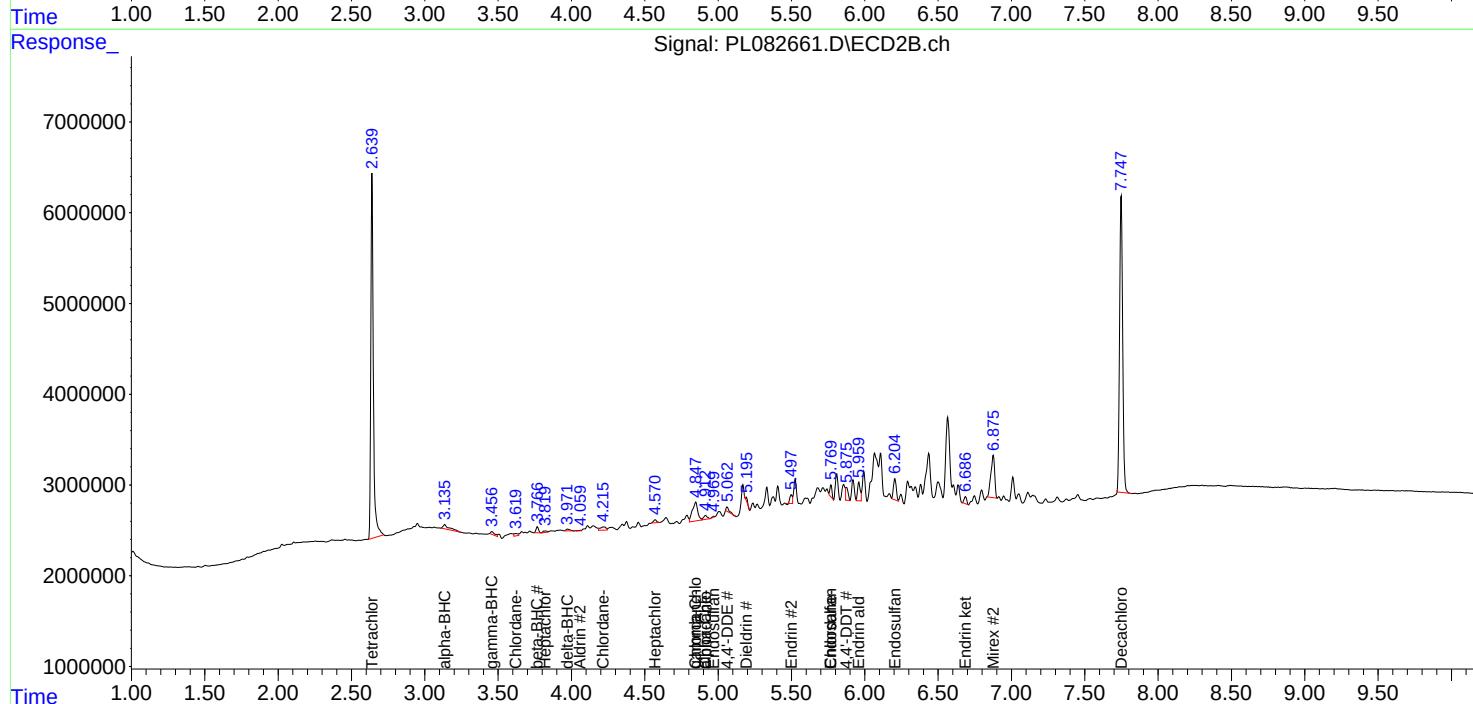
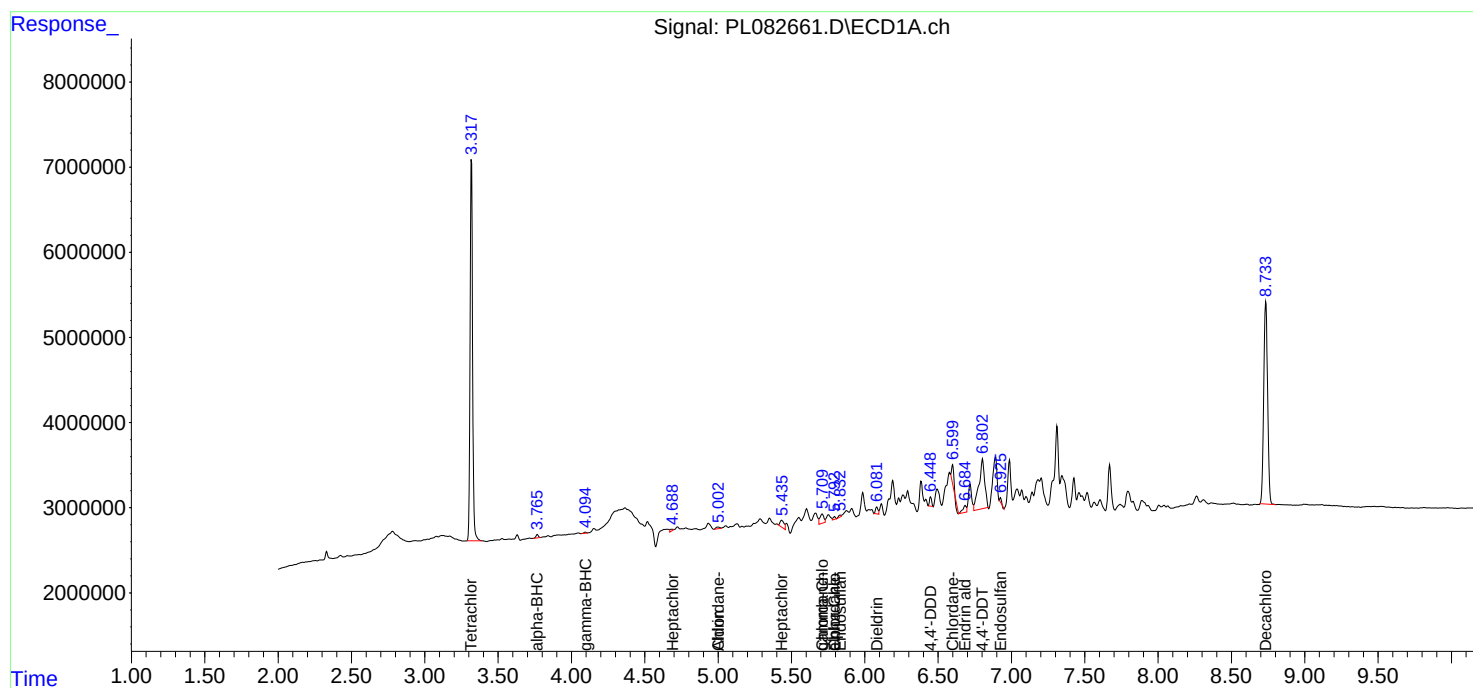
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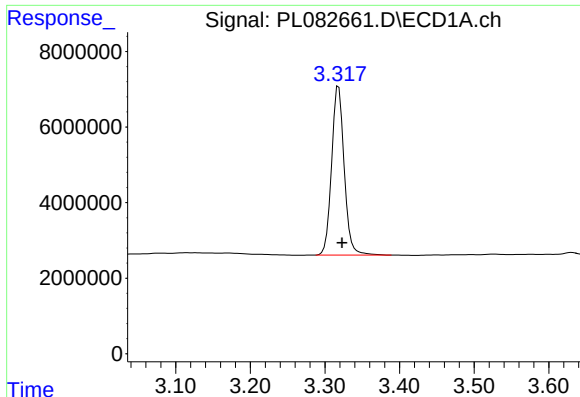
Reviewed By :Abdul Mirza 05/12/2023

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:37:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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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





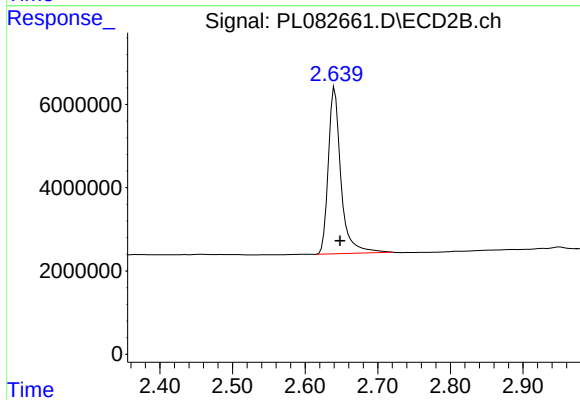
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 52563118
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

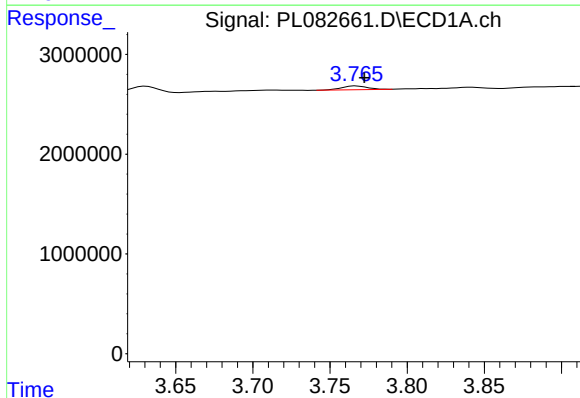
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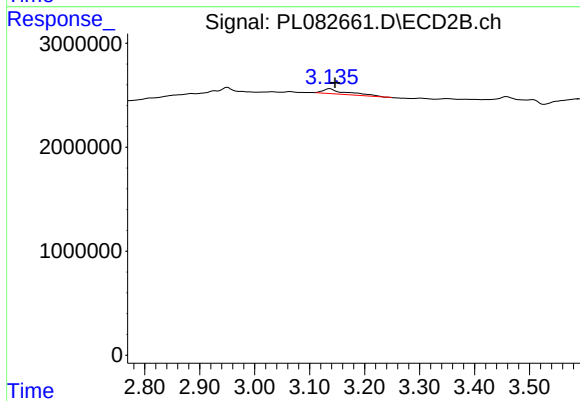
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 48615845
Conc: 20.98 ng/ml



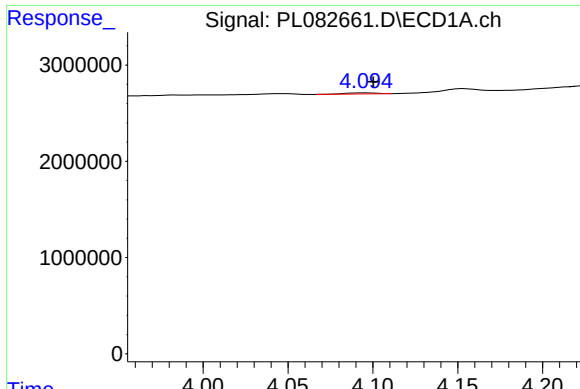
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 451610
Conc: 0.11 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.010 min
Response: 1403890
Conc: 0.41 ng/ml



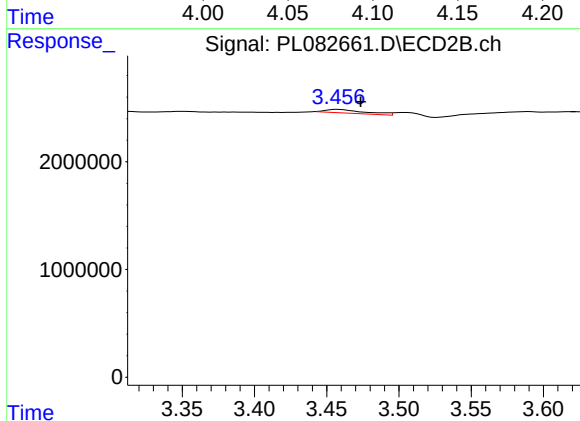
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 145228
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

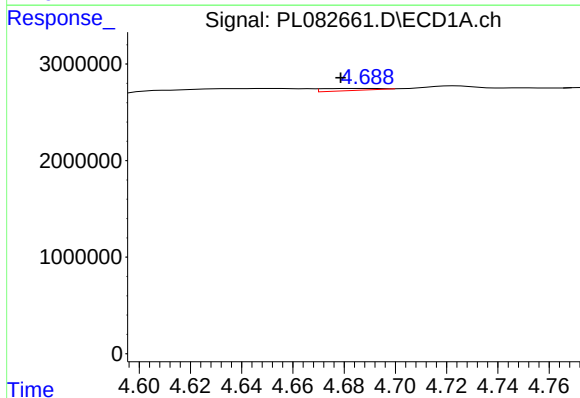
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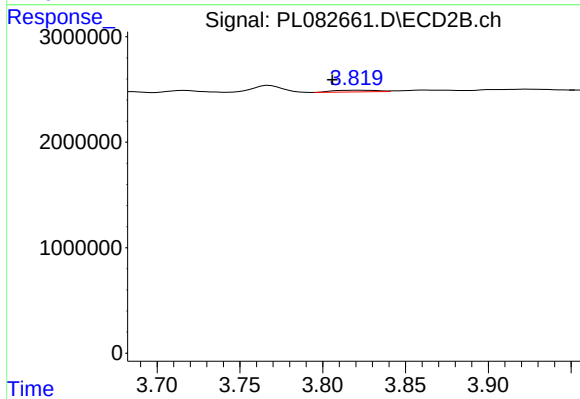
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.016 min
Response: 645164
Conc: 0.20 ng/ml



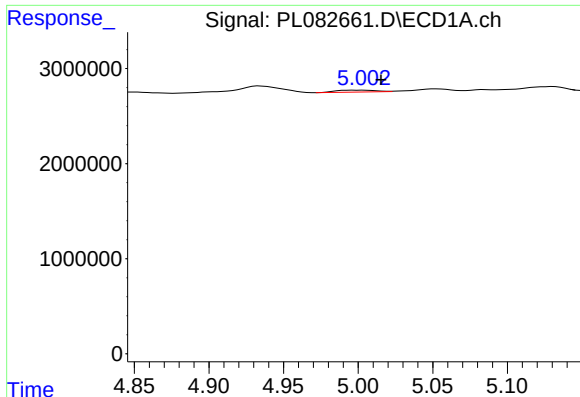
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: 0.011 min
Response: 316750
Conc: 0.09 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: 0.016 min
Response: 287131
Conc: 0.08 ng/ml



#5 Aldrin

R.T.: 5.003 min
Delta R.T.: -0.012 min
Response: 389738
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

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#5 Aldrin

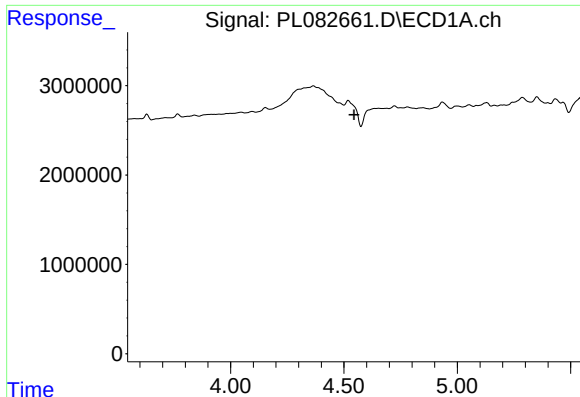
R.T.: 4.061 min
Delta R.T.: -0.022 min
Response: 71756
Conc: 0.02 ng/ml

#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.304 min
Response: 0
Conc: N.D.

#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 790279
Conc: 0.58 ng/ml



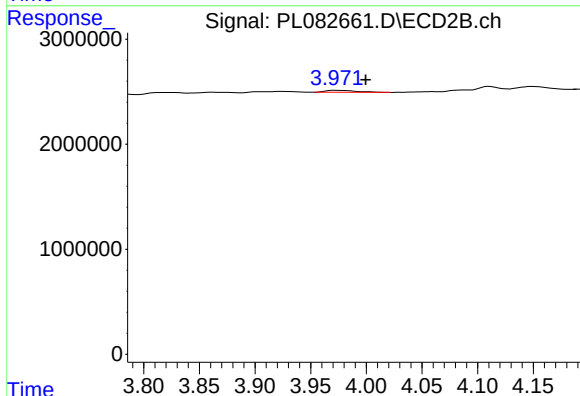
#7 delta-BHC

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

Instrument :
ECD_L
ClientSampleId :
PB152710BS

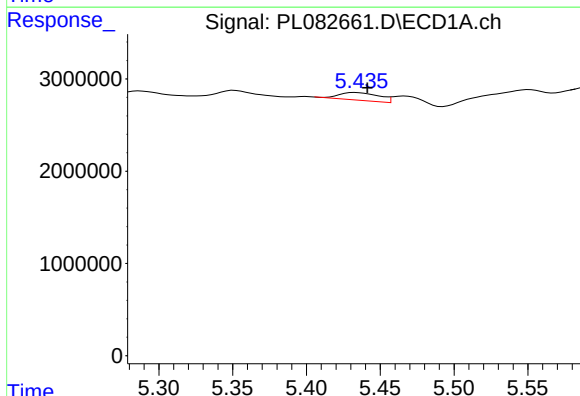
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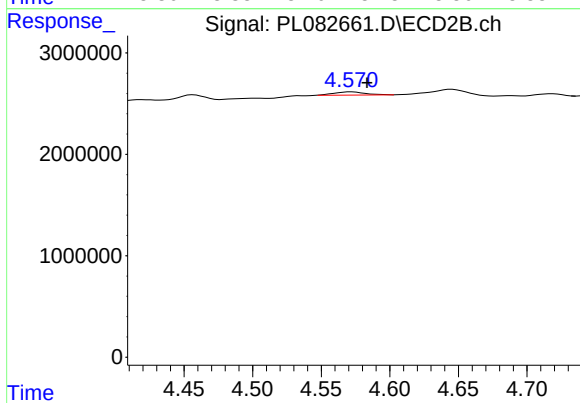
#7 delta-BHC

R.T.: 3.973 min
Delta R.T.: -0.027 min
Response: 364466
Conc: 0.12 ng/ml



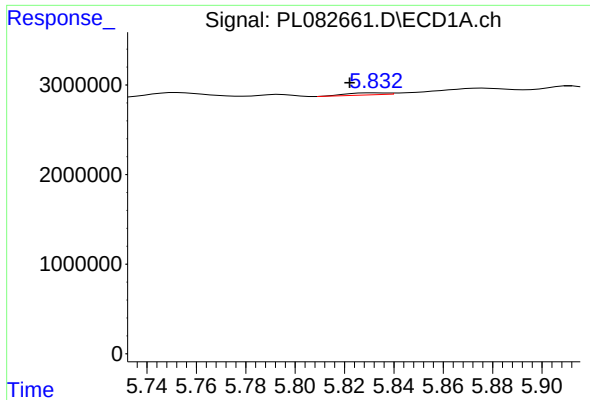
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.008 min
Response: 1586109
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min
Delta R.T.: -0.012 min
Response: 484420
Conc: 0.17 ng/ml



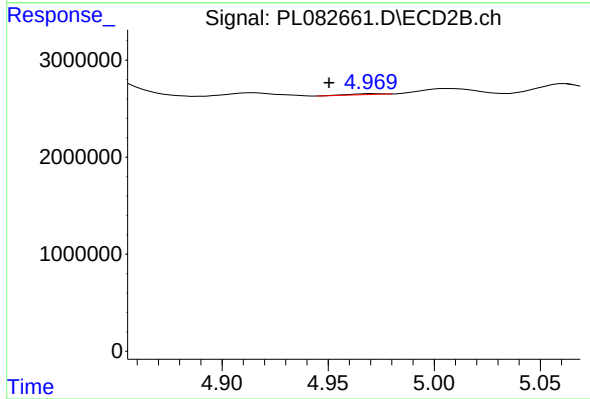
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: 0.011 min
Response: 250209
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

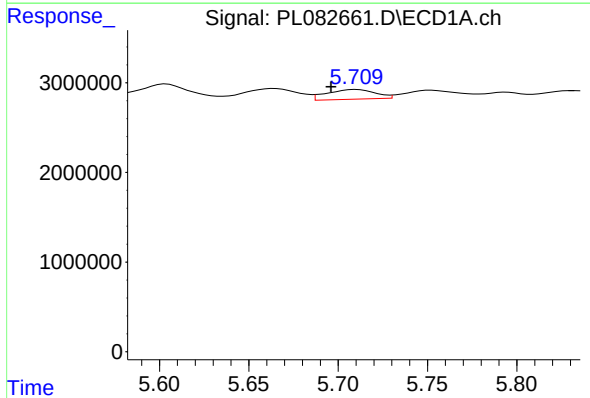
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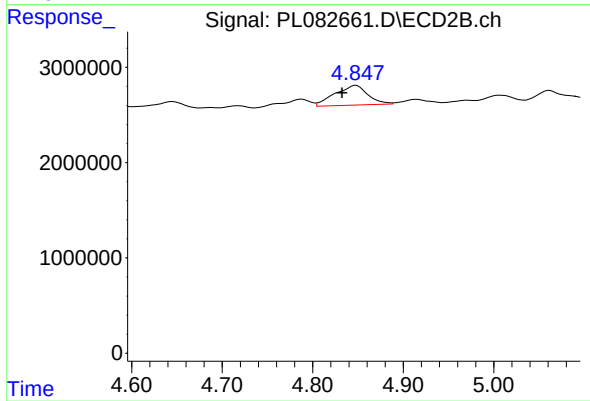
#9 Endosulfan I

R.T.: 4.971 min
Delta R.T.: 0.021 min
Response: 90158
Conc: 0.03 ng/ml



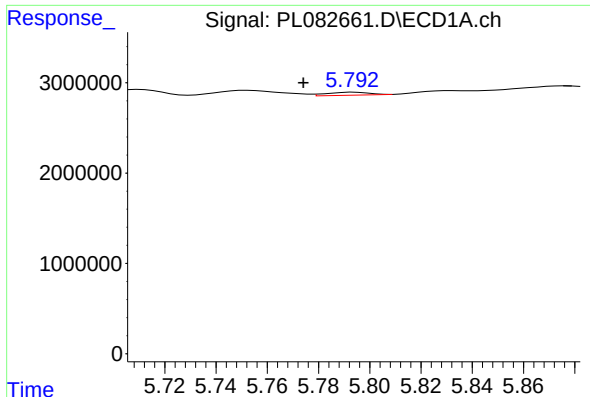
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: 0.014 min
Response: 2030180
Conc: 0.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.848 min
Delta R.T.: 0.016 min
Response: 5238359
Conc: 1.81 ng/ml



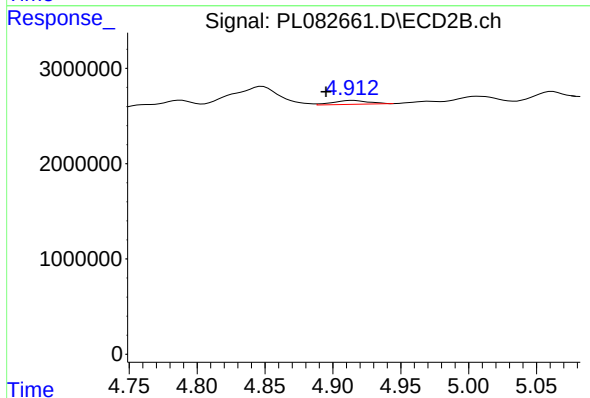
#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: 0.020 min
Response: 373075
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

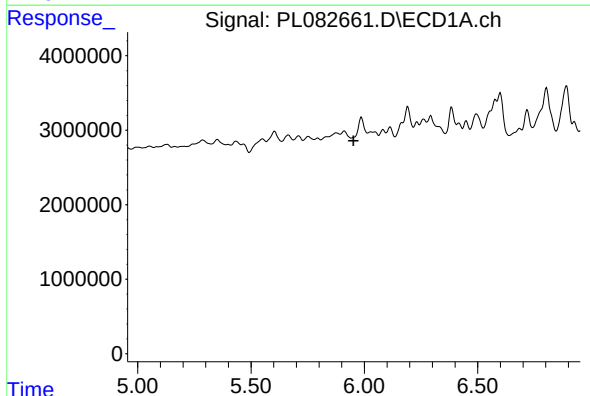
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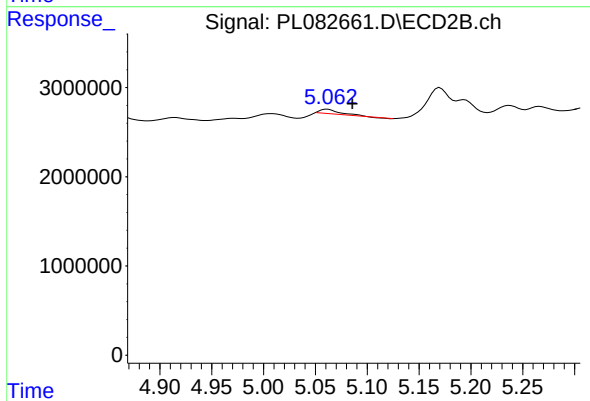
#11 alpha-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.020 min
Response: 754210
Conc: 0.26 ng/ml



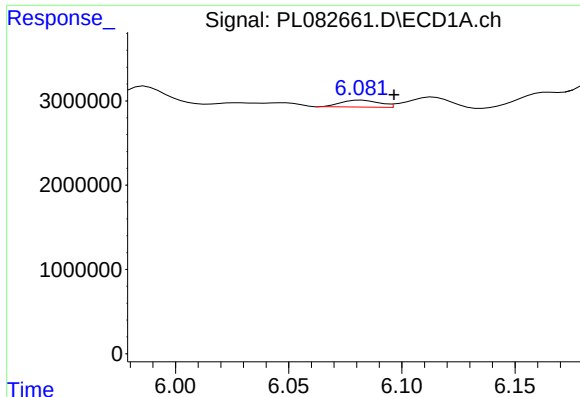
#12 4,4'-DDE

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



#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.024 min
Response: 640551
Conc: 0.28 ng/ml



#13 Dieldrin

R.T.: 6.082 min
Delta R.T.: -0.014 min
Response: 959861
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

Manual Integrations APPROVED

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#13 Dieldrin

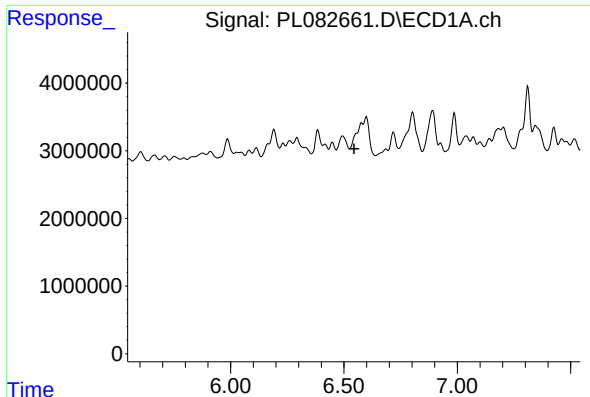
R.T.: 5.194 min
Delta R.T.: -0.022 min
Response: 278789
Conc: 0.10 ng/ml

#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.324 min
Response: 0
Conc: N.D.

#14 Endrin

R.T.: 5.499 min
Delta R.T.: 0.009 min
Response: 993173
Conc: 0.41 ng/ml



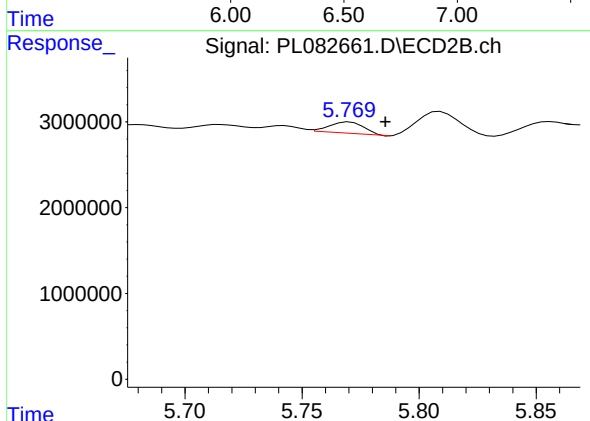
#15 Endosulfan II

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

Instrument :
ECD_L
ClientSampleId :
PB152710BS

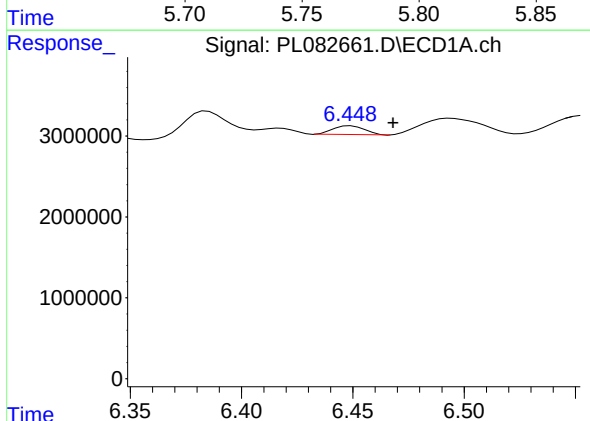
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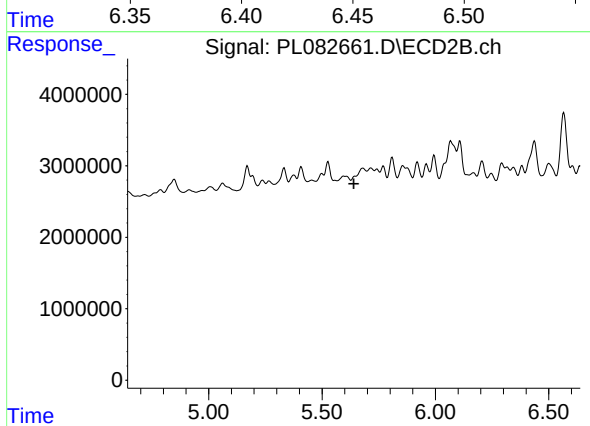
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.015 min
Response: 1361214
Conc: 0.60 ng/ml



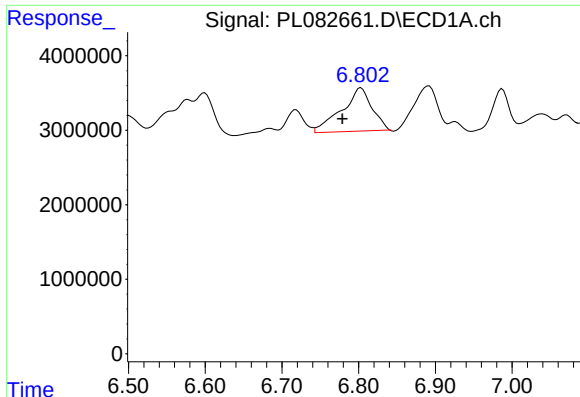
#16 4,4'-DDD

R.T.: 6.449 min
Delta R.T.: -0.019 min
Response: 1074955
Conc: 0.53 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: 0.005 min
Response: -483905
Conc: N.D.



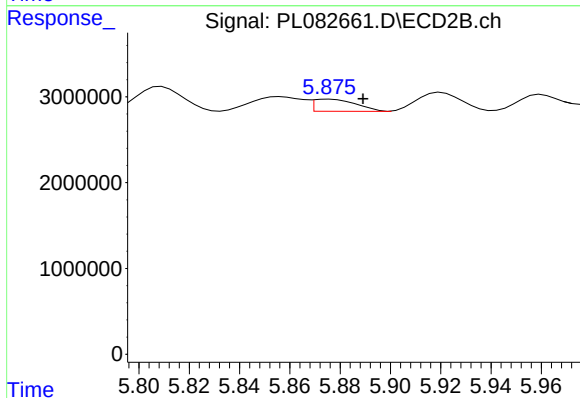
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: 0.024 min
Response: 15714875
Conc: 6.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

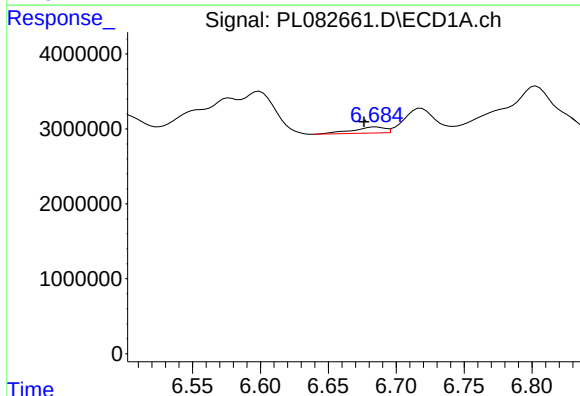
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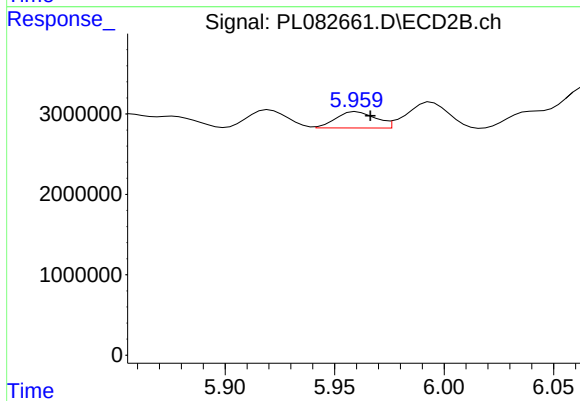
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: -0.013 min
Response: 1667764
Conc: 0.79 ng/ml



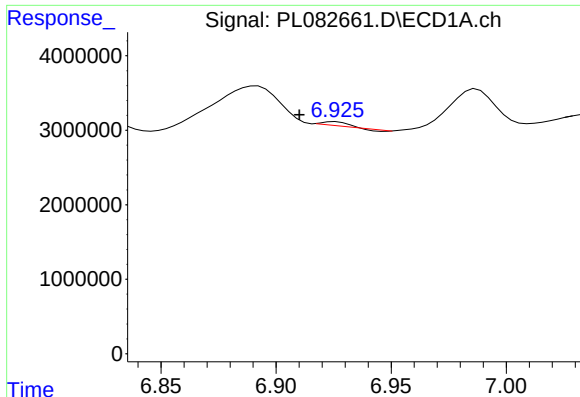
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: 0.009 min
Response: 1351498
Conc: 0.72 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 2550966
Conc: 1.36 ng/ml



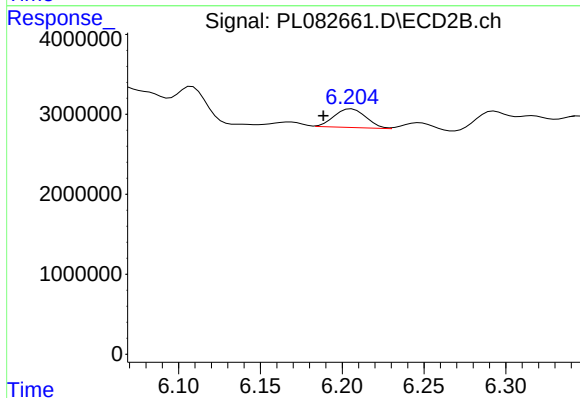
#19 Endosulfan Sulfate

R.T.: 6.926 min
Delta R.T.: 0.016 min
Response: 59237
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

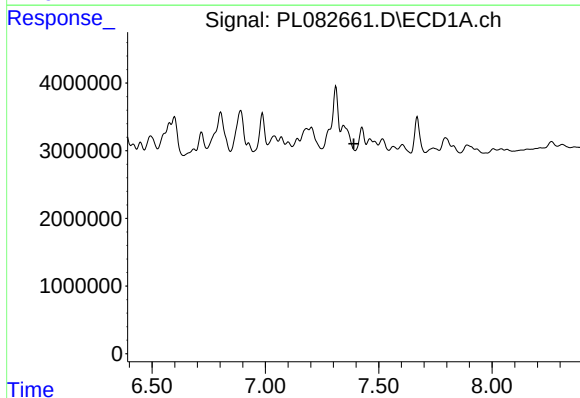
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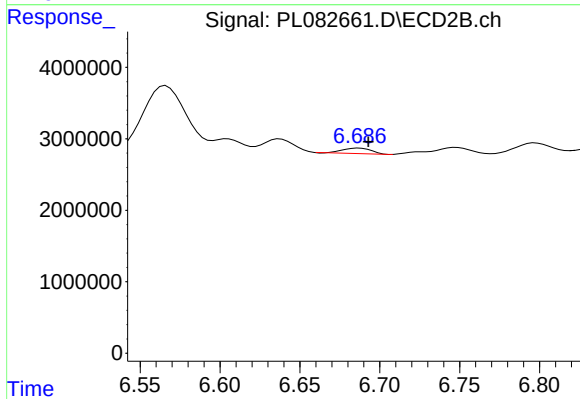
#19 Endosulfan Sulfate

R.T.: 6.206 min
Delta R.T.: 0.017 min
Response: 3143743
Conc: 1.34 ng/ml



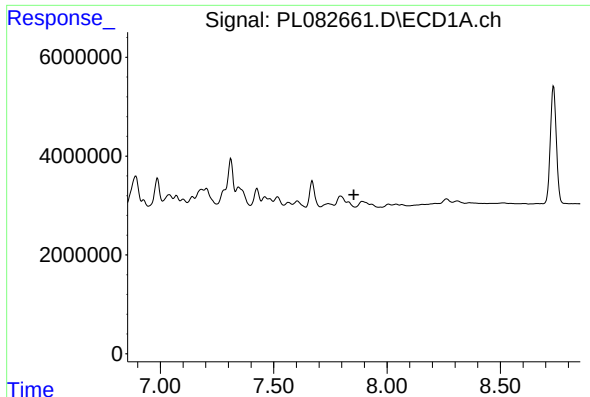
#21 Endrin ketone

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.: -0.006 min
Response: 944069
Conc: 0.37 ng/ml



#22 Mirex

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

Instrument :
ECD_L
ClientSampleId :
PB152710BS

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#22 Mirex

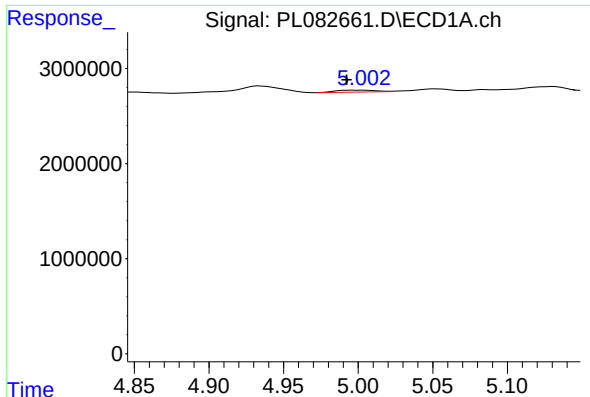
R.T.: 6.877 min
Delta R.T.: 0.012 min
Response: 8379817
Conc: 3.64 ng/ml

#23 Chlordane-1

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

#23 Chlordane-1

R.T.: 3.621 min
Delta R.T.: -0.012 min
Response: 462924
Conc: 5.22 ng/ml



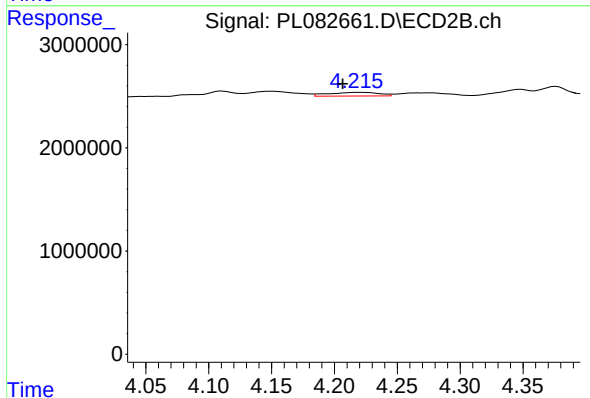
#24 Chlordane-2

R.T.: 5.003 min
Delta R.T.: 0.011 min
Response: 389738
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

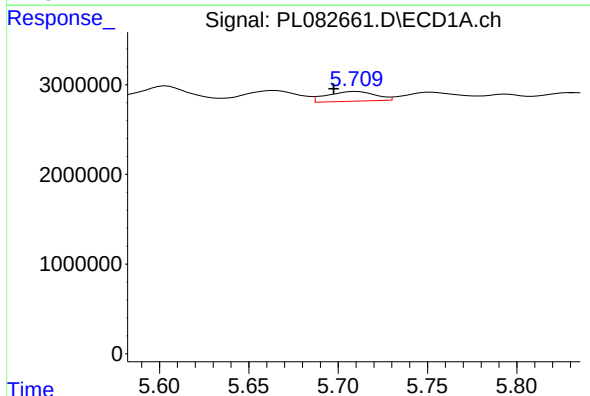
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Supervised By :Ankita Jodhani 05/16/2023



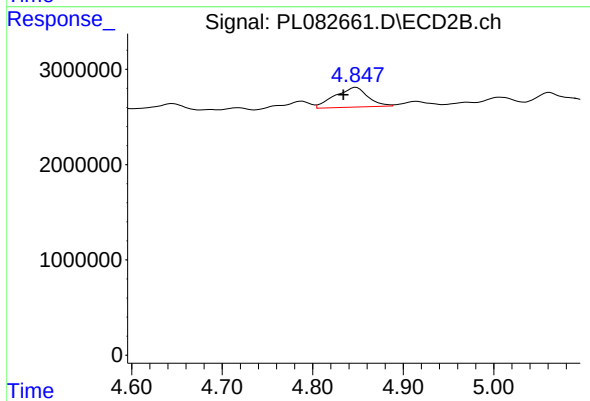
#24 Chlordane-2

R.T.: 4.218 min
Delta R.T.: 0.011 min
Response: 989624
Conc: 8.82 ng/ml



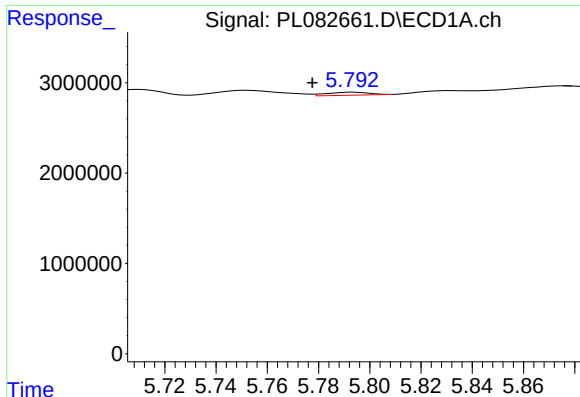
#25 Chlordane-3

R.T.: 5.710 min
Delta R.T.: 0.012 min
Response: 2030180
Conc: 4.70 ng/ml



#25 Chlordane-3

R.T.: 4.848 min
Delta R.T.: 0.014 min
Response: 5238359
Conc: 18.44 ng/ml



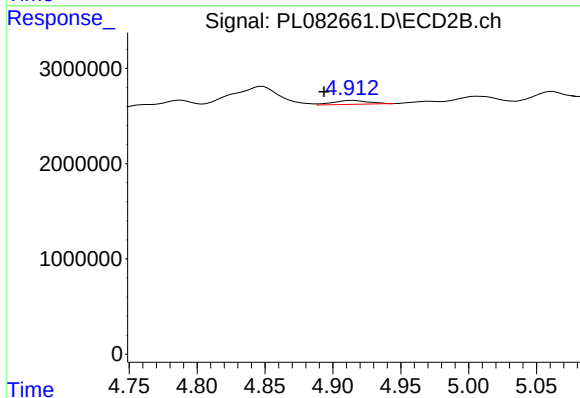
#26 Chlordane-4

R.T.: 5.794 min
Delta R.T.: 0.016 min
Response: 373075
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

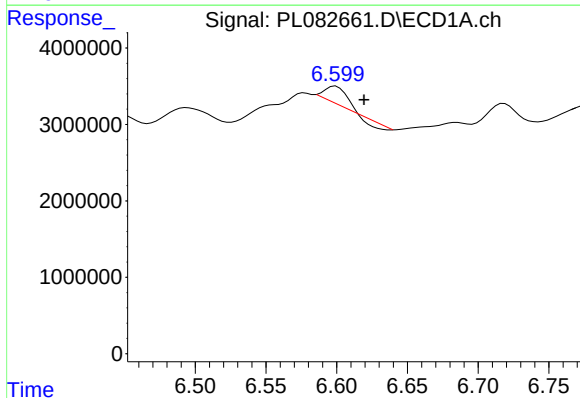
Manual Integrations
APPROVED

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



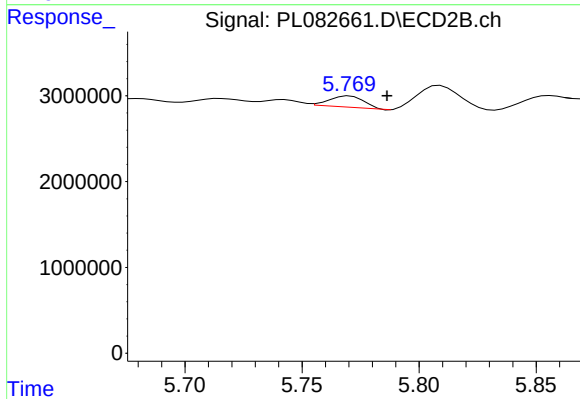
#26 Chlordane-4

R.T.: 4.915 min
Delta R.T.: 0.021 min
Response: 754210
Conc: 2.53 ng/ml



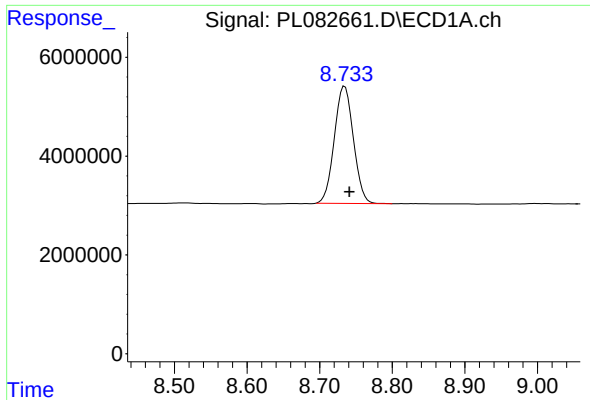
#27 Chlordane-5

R.T.: 6.599 min
Delta R.T.: -0.020 min
Response: 1936456
Conc: 20.62 ng/ml



#27 Chlordane-5

R.T.: 5.770 min
Delta R.T.: -0.016 min
Response: 1361214
Conc: 13.79 ng/ml



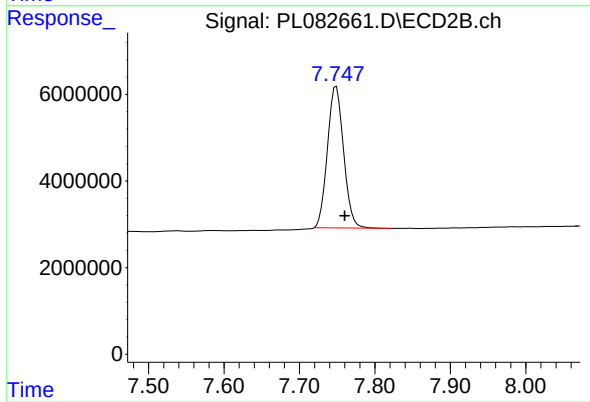
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 43240427
Conc: 22.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 48630311
Conc: 21.31 ng/ml