

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093022\
 Data File : PL078014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2022 17:09
 Operator : AR\AJ
 Sample : PB148009BS
 Misc : TOX BS
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148009BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2022
 Supervised By :Ankita Jodhani 10/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 23:44:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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...	3.414	2.623	37900428	64082396	23.644	21.586
28)	SA Decachlor...	8.903	7.719	31390310	49624360	24.288	19.769
Target Compounds							
2)	A alpha-BHC	3.880	3.114	393028	827253	0.166	0.182
3)	MA gamma-BHC...	0.000	3.434	0	704764	N.D.	0.175 #
6)	B beta-BHC	0.000	3.741	0	577792	N.D.	0.347 #
8)	B Heptachlo...	5.565	4.542	436481	809279	0.250	0.239
10)	B gamma-Chl...	5.838f	4.819f	655601	7052669	0.374	2.069 #
11)	B alpha-Chl...	5.874f	4.883f	487291	832547	0.282	0.251
12)	B 4,4'-DDE	0.000	5.030f	0	2917075	N.D.	0.897 #
13)	MA Dieldrin	6.239	5.165	791011	316190	0.490	0.095 #
14)	MA Endrin	0.000	5.466f	0	2170652	N.D.	0.761 #
15)	B Endosulfa...	6.698	5.738	3193460	1994691	2.312	0.757 #
16)	A 4,4'-DDD	6.592	5.609	333080	-241835	0.284	N.D. #
17)	MA 4,4'-DDT	6.941f	5.846	1532323	1319162	1.209	0.501 #
18)	B Endrin al...	6.826	5.928	215839	2779274	0.204	1.347 #
19)	B Endosulfa...	0.000	6.134f	0	1103849	N.D.	0.410 #
21)	B Endrin ke...	7.570f	6.653	342780	1418697	0.248	0.468 #
22)	Mirex	0.000	6.843f	0	12324554	N.D.	5.733 #
25)	Chlordane-3	5.838f	4.819f	655601	7052669	2.662	20.503 #
26)	Chlordane-4	5.874f	4.883f	487291	832547	1.638	2.295 #
27)	Chlordane-5	6.743	5.525	4681803	173568	94.271	1.845 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093022\
Data File : PL078014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2022 17:09
Operator : AR\AJ
Sample : PB148009BS
Misc : TOX BS
ALS Vial : 18 Sample Multiplier: 1

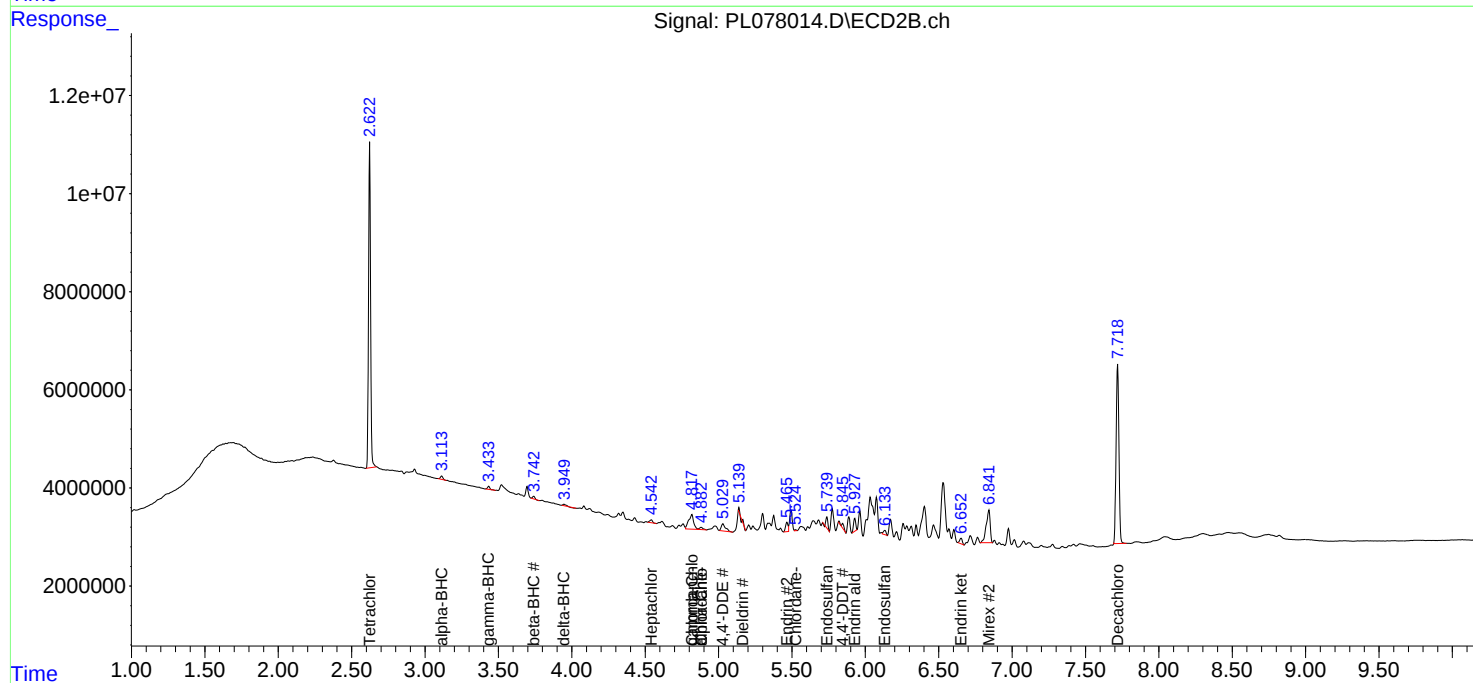
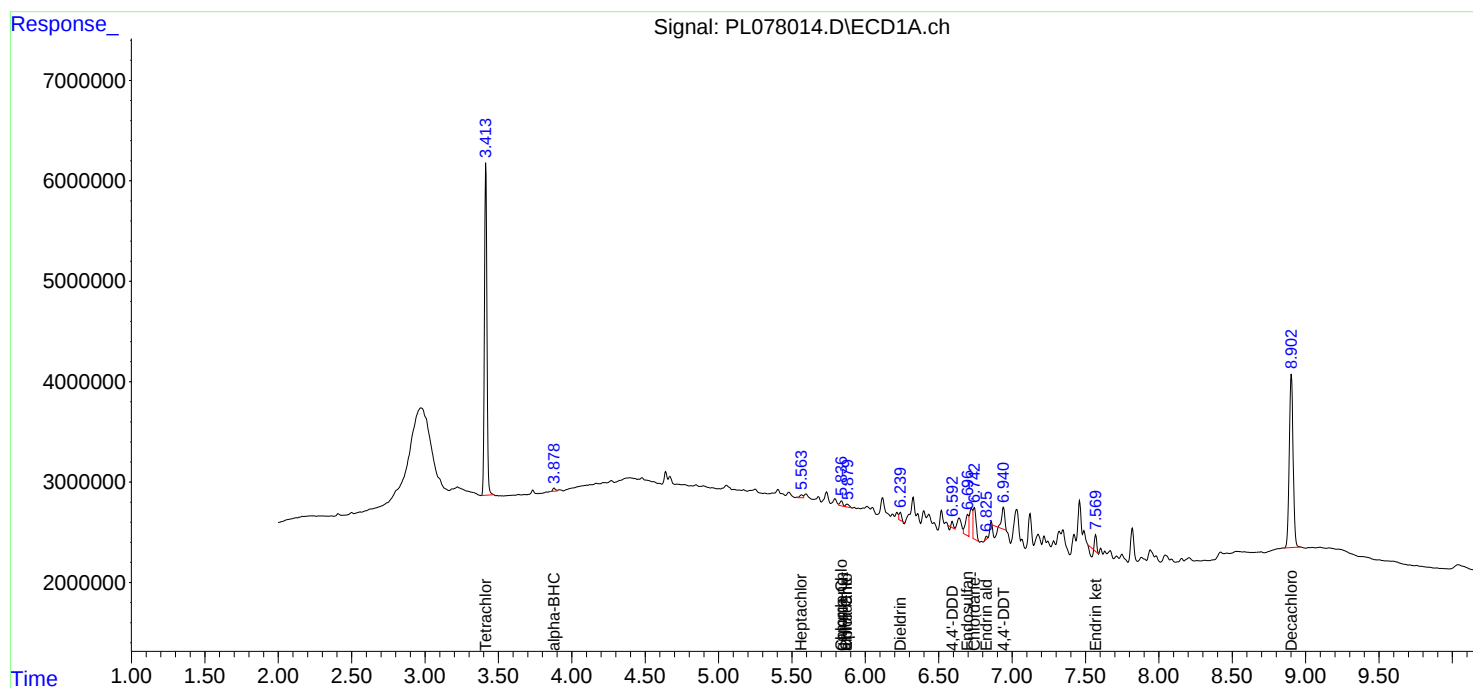
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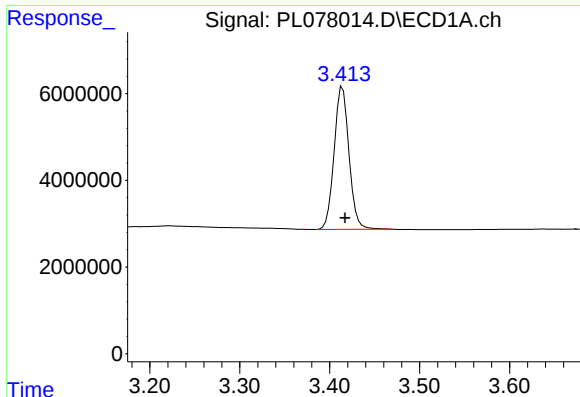
Manual Integrations
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Supervised By : Ankita Jodhani 10/03/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 23:44:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
Quant Title : GC Extractables
QLast Update : Tue Sep 13 13:26:11 2022
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





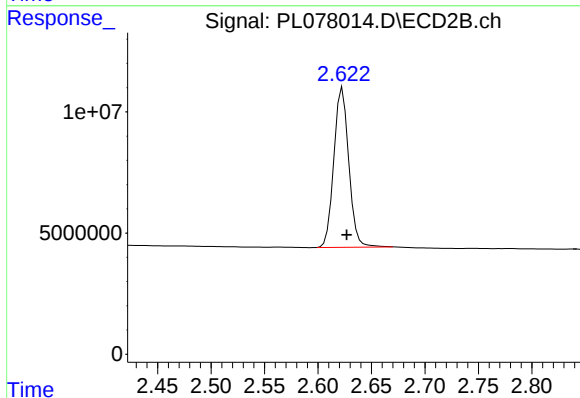
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: -0.003 min
Response: 37900428
Conc: 23.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

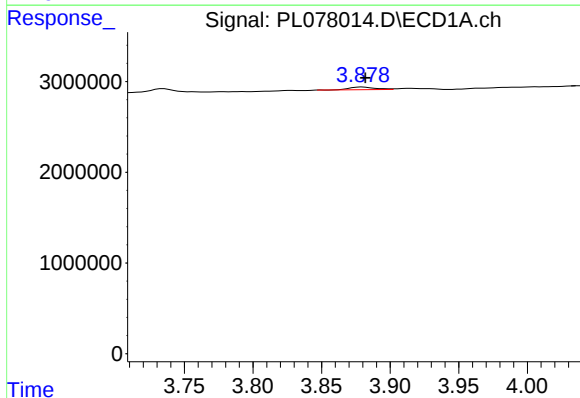
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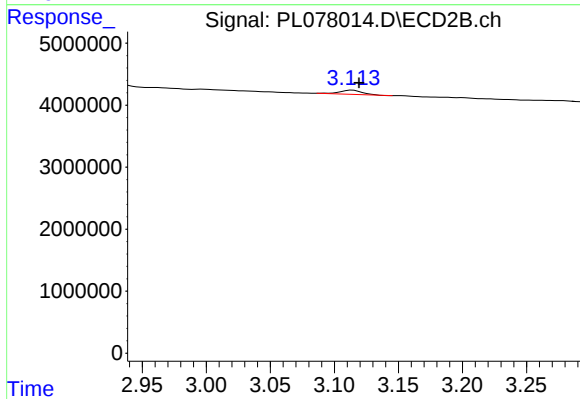
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: -0.004 min
Response: 64082396
Conc: 21.59 ng/ml



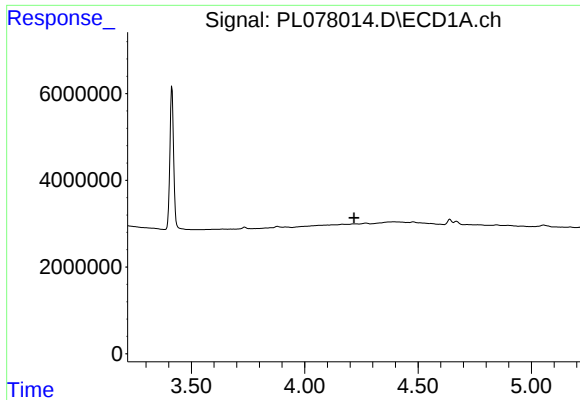
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 393028
Conc: 0.17 ng/ml



#2 alpha-BHC

R.T.: 3.114 min
Delta R.T.: -0.005 min
Response: 827253
Conc: 0.18 ng/ml



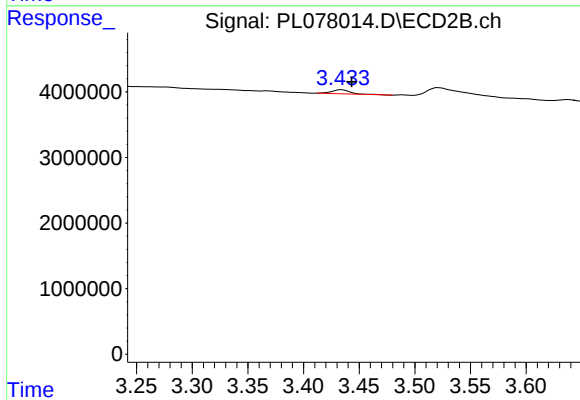
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB148009BS

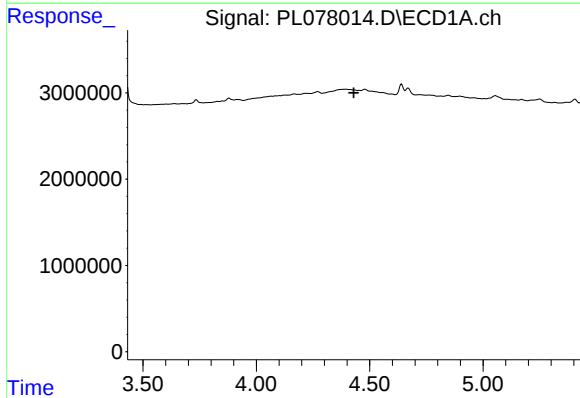
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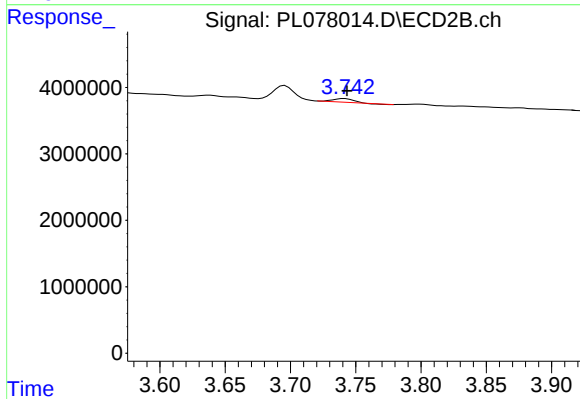
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.009 min
Response: 704764
Conc: 0.17 ng/ml



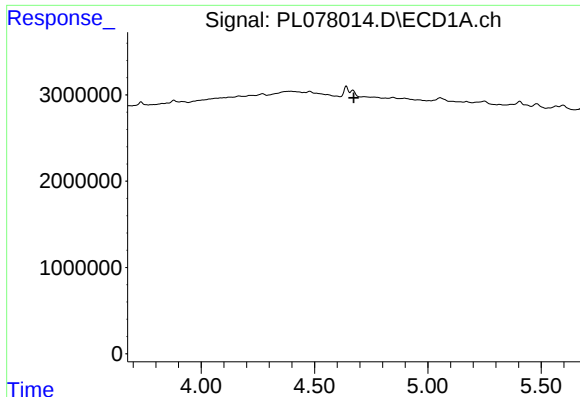
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.430 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 577792
Conc: 0.35 ng/ml



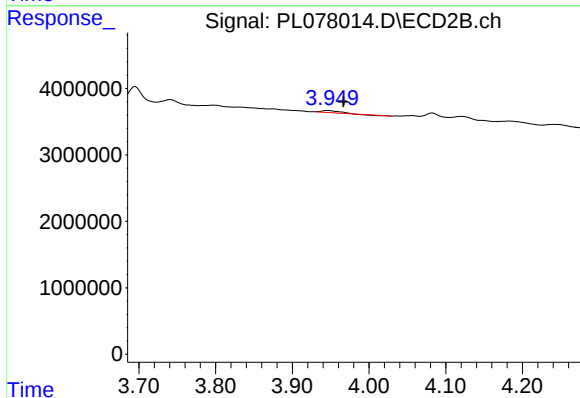
#7 delta-BHC

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: -706466
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB148009BS

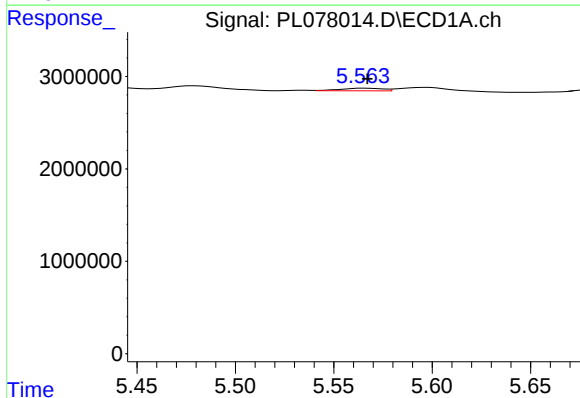
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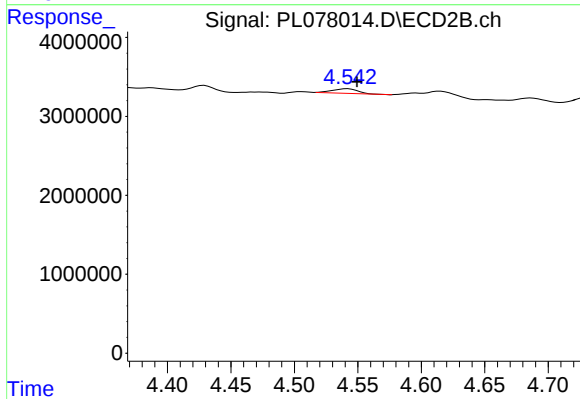
#7 delta-BHC

R.T.: 3.947 min
Delta R.T.: -0.020 min
Response: 402178
Conc: 0.10 ng/ml



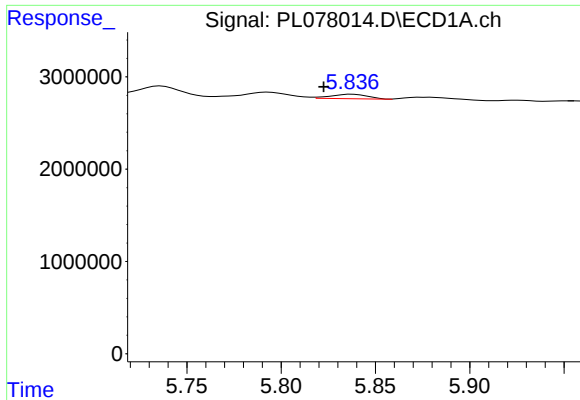
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 436481
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 809279
Conc: 0.24 ng/ml



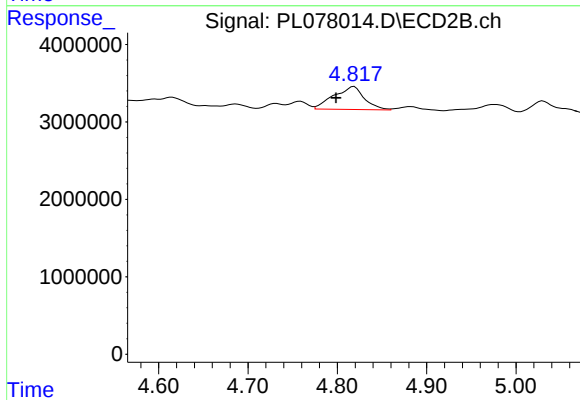
#10 gamma-Chlordane

R.T.: 5.838 min
Delta R.T.: 0.015 min
Response: 655601
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

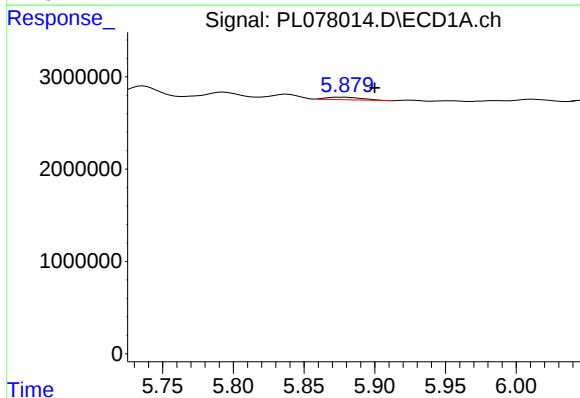
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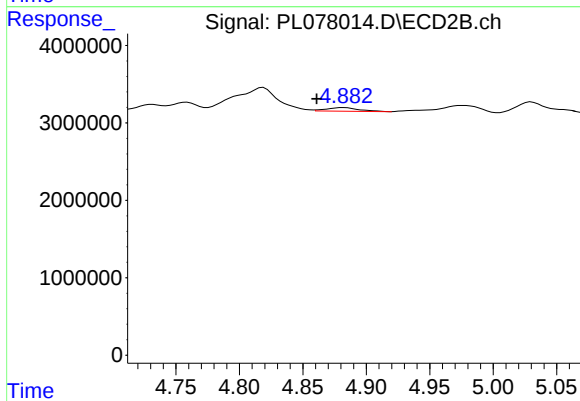
#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.020 min
Response: 7052669
Conc: 2.07 ng/ml



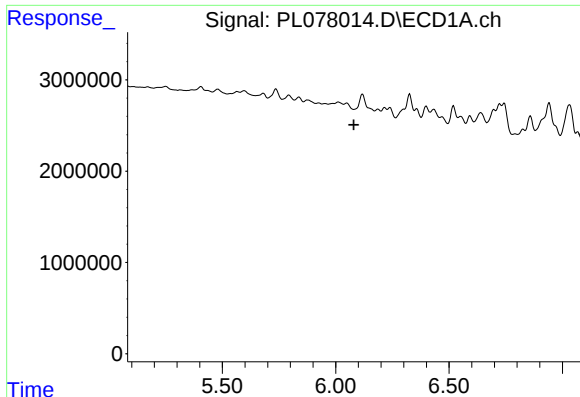
#11 alpha-Chlordane

R.T.: 5.874 min
Delta R.T.: -0.026 min
Response: 487291
Conc: 0.28 ng/ml



#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.022 min
Response: 832547
Conc: 0.25 ng/ml



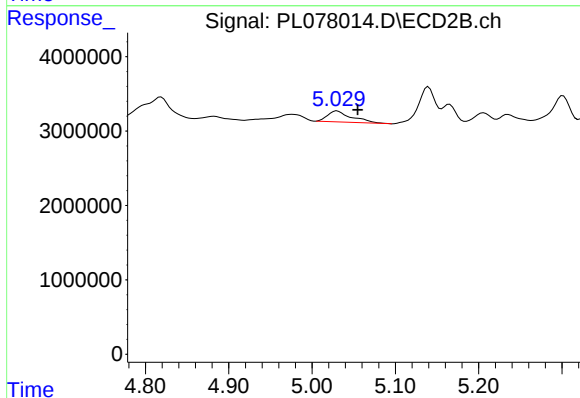
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB148009BS

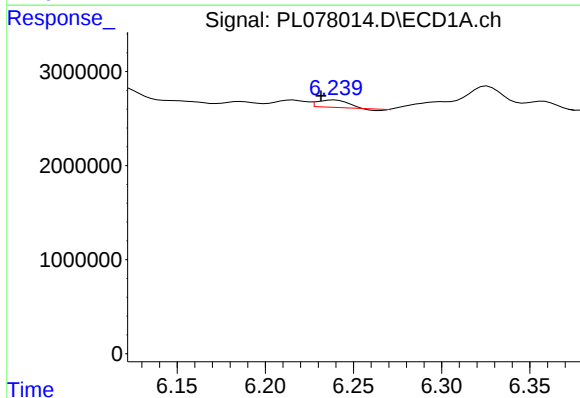
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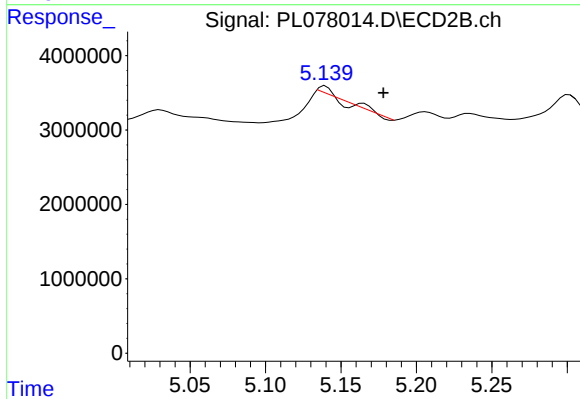
#12 4,4'-DDE

R.T.: 5.030 min
Delta R.T.: -0.025 min
Response: 2917075
Conc: 0.90 ng/ml



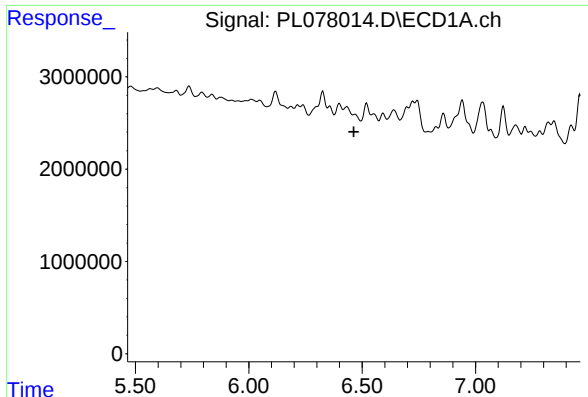
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: 0.008 min
Response: 791011
Conc: 0.49 ng/ml



#13 Dieldrin

R.T.: 5.165 min
Delta R.T.: -0.013 min
Response: 316190
Conc: 0.10 ng/ml



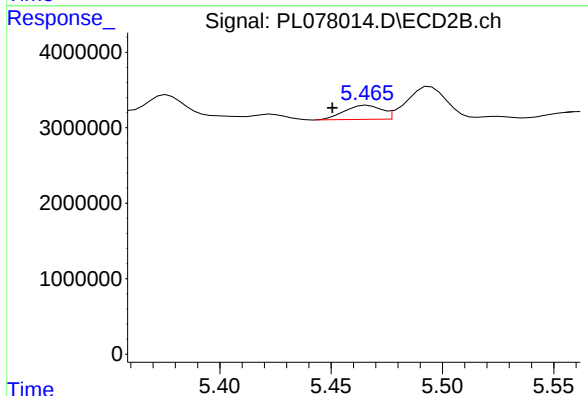
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.463 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB148009BS

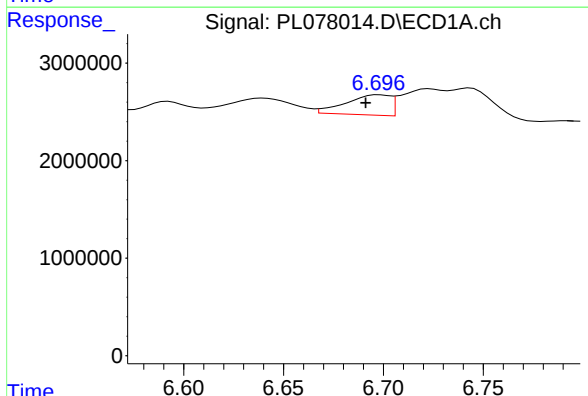
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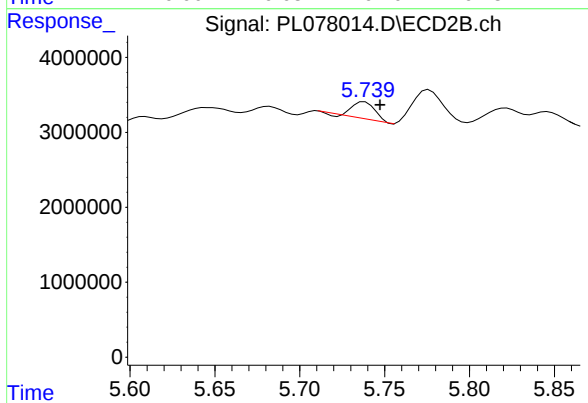
#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.016 min
Response: 2170652
Conc: 0.76 ng/ml



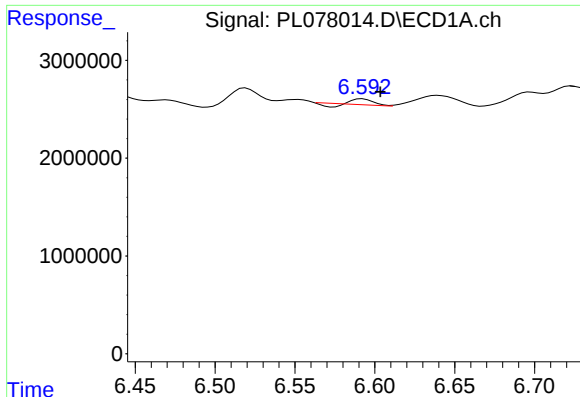
#15 Endosulfan II

R.T.: 6.698 min
Delta R.T.: 0.007 min
Response: 3193460
Conc: 2.31 ng/ml



#15 Endosulfan II

R.T.: 5.738 min
Delta R.T.: -0.009 min
Response: 1994691
Conc: 0.76 ng/ml



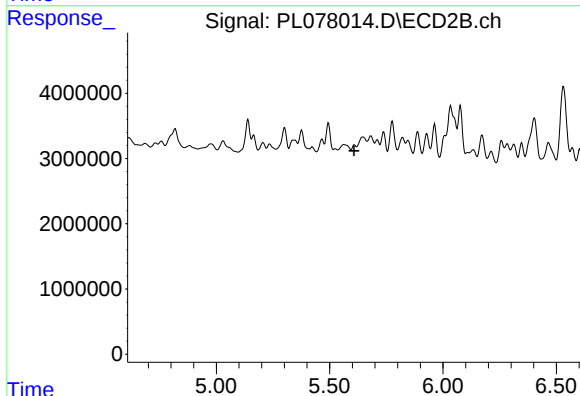
#16 4,4'-DDD

R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 333080
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

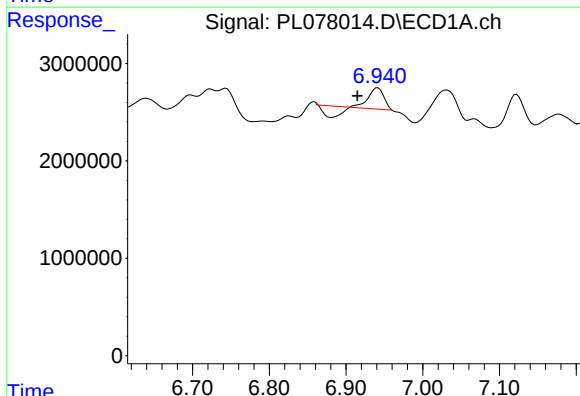
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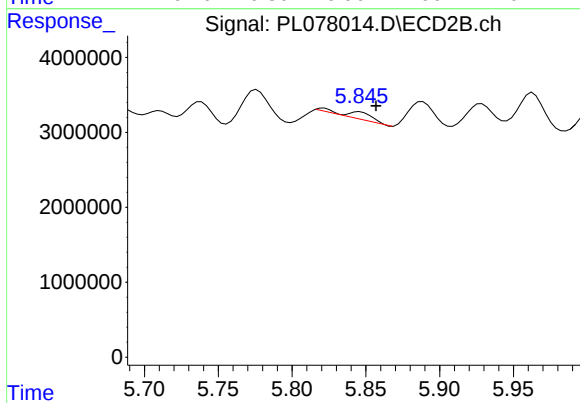
#16 4,4'-DDD

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: -241835
Conc: N.D.



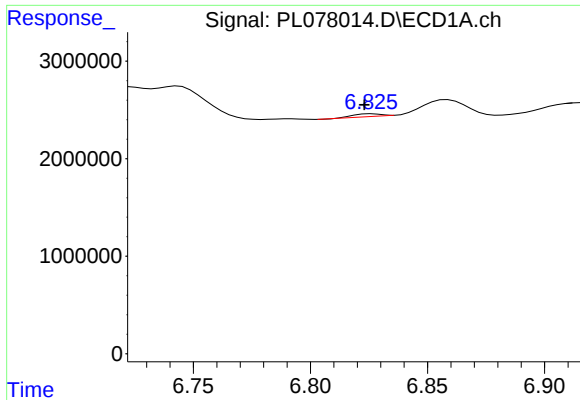
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: 0.026 min
Response: 1532323
Conc: 1.21 ng/ml



#17 4,4'-DDT

R.T.: 5.846 min
Delta R.T.: -0.011 min
Response: 1319162
Conc: 0.50 ng/ml



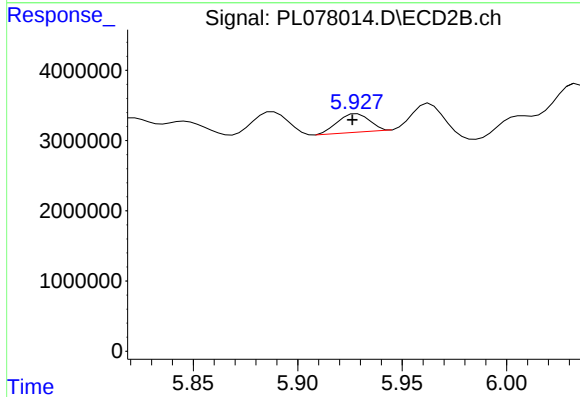
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.003 min
Response: 215839
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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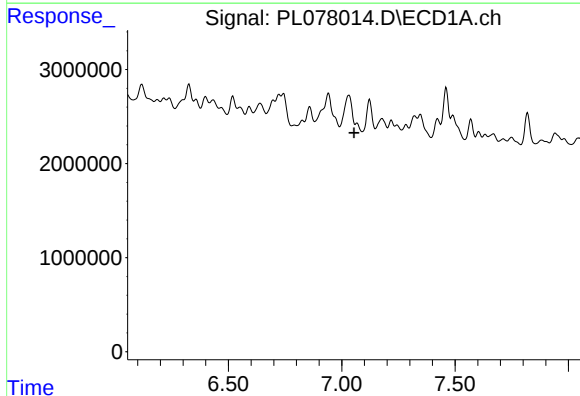
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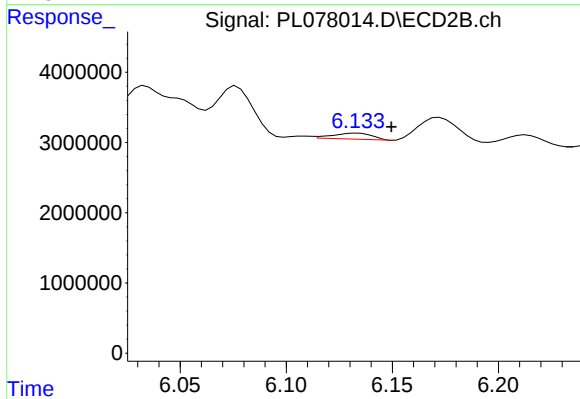
#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 2779274
Conc: 1.35 ng/ml



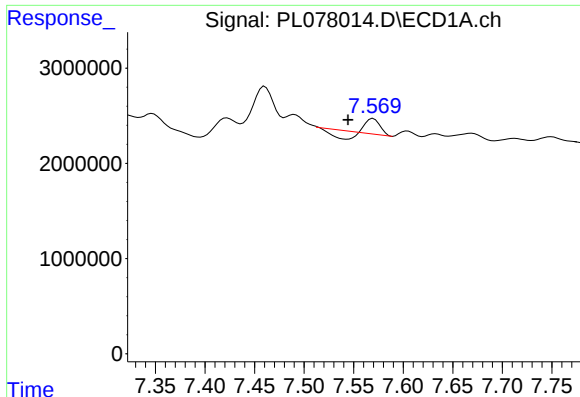
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.055 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

R.T.: 6.134 min
Delta R.T.: -0.016 min
Response: 1103849
Conc: 0.41 ng/ml



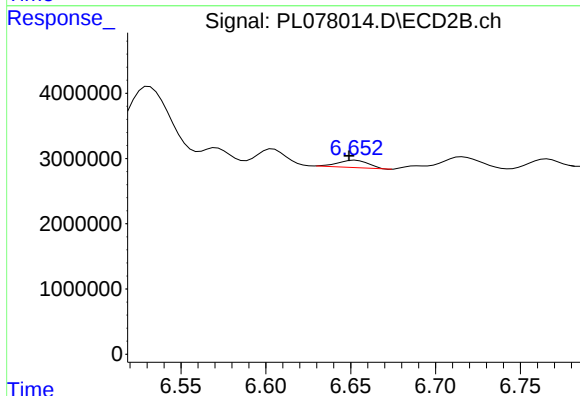
#21 Endrin ketone

R.T.: 7.570 min
Delta R.T.: 0.025 min
Response: 342780
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

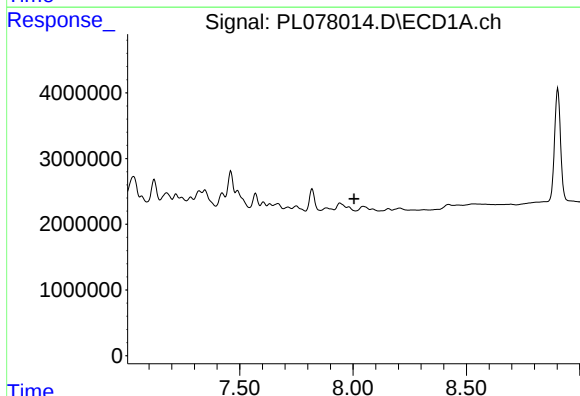
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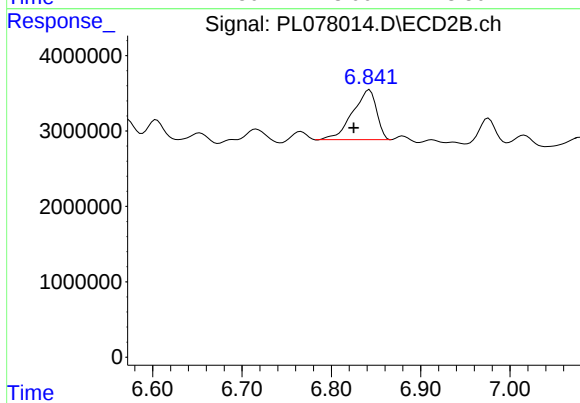
#21 Endrin ketone

R.T.: 6.653 min
Delta R.T.: 0.004 min
Response: 1418697
Conc: 0.47 ng/ml



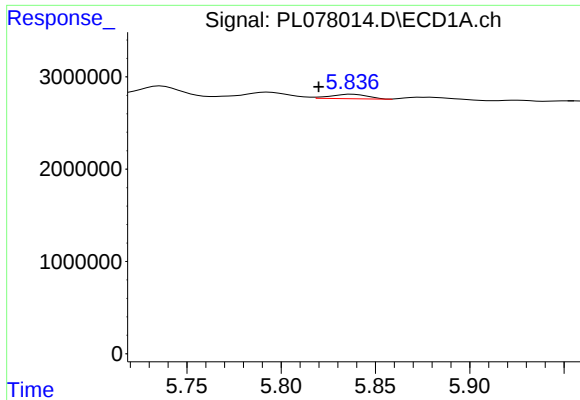
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.004 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 6.843 min
Delta R.T.: 0.018 min
Response: 12324554
Conc: 5.73 ng/ml



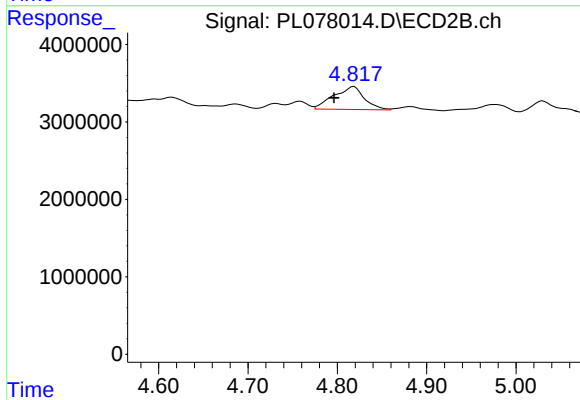
#25 Chlordane-3

R.T.: 5.838 min
Delta R.T.: 0.018 min
Response: 655601
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

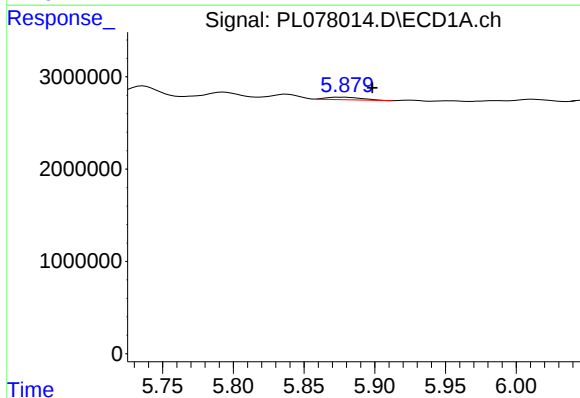
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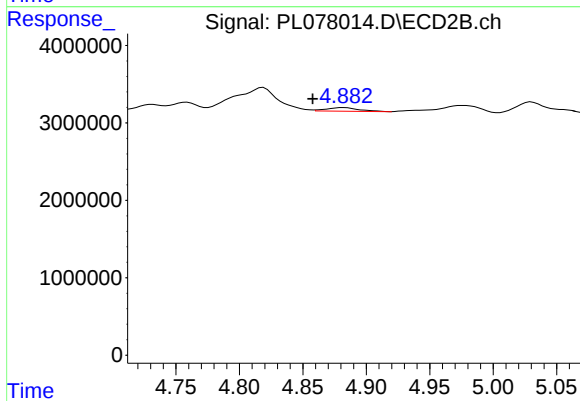
#25 Chlordane-3

R.T.: 4.819 min
Delta R.T.: 0.022 min
Response: 7052669
Conc: 20.50 ng/ml



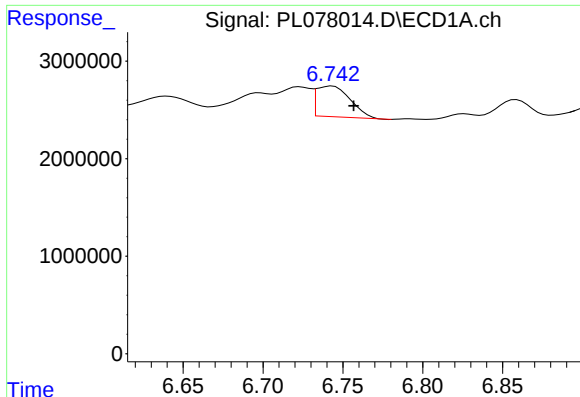
#26 Chlordane-4

R.T.: 5.874 min
Delta R.T.: -0.024 min
Response: 487291
Conc: 1.64 ng/ml



#26 Chlordane-4

R.T.: 4.883 min
Delta R.T.: 0.025 min
Response: 832547
Conc: 2.29 ng/ml



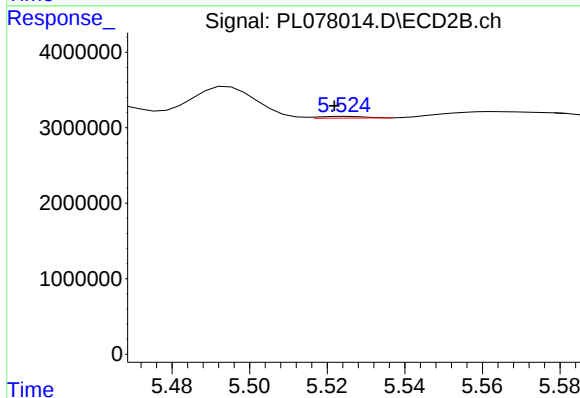
#27 Chlordane-5

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 4681803
Conc: 94.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148009BS

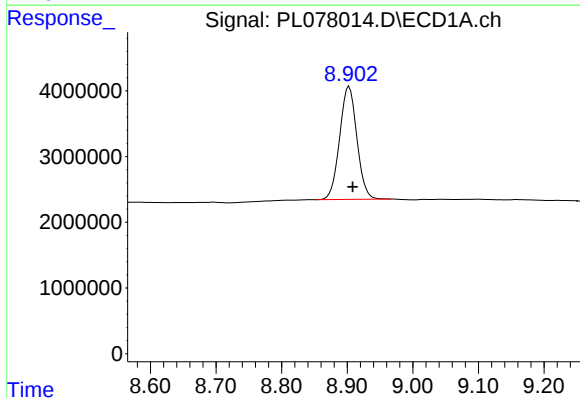
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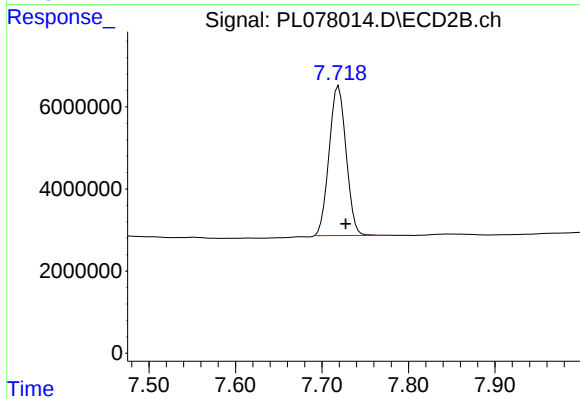
#27 Chlordane-5

R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 173568
Conc: 1.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.006 min
Response: 31390310
Conc: 24.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.719 min
Delta R.T.: -0.008 min
Response: 49624360
Conc: 19.77 ng/ml