

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 18:15
 Operator : AR\AJ
 Sample : PB159874BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159874BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:18:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.633	2.851	47723910	25236366	18.009	18.936
28)	SA Decachlor...	9.298	8.078	41042454	27433120	16.604	20.232
Target Compounds							
2)	A alpha-BHC	4.097	3.364	423333	370452	0.106	0.184 #
3)	MA gamma-BHC...	0.000	3.697	0	156317	N.D.	0.081 #
4)	MA Heptachlor	0.000	4.082f	0	186638	N.D.	0.104 #
5)	MB Aldrin	0.000	4.345	0	68690	N.D.	0.038 #
6)	B beta-BHC	0.000	4.000	0	73948	N.D.	0.086 #
7)	B delta-BHC	4.880	4.245	2756446	99507	0.684	0.052 #
8)	B Heptachlo...	5.812	4.844	2560435	249522	0.745	0.152 #
9)	A Endosulfan I	6.179f	0.000	353590	0	0.116	N.D. #
10)	B gamma-Chl...	6.098f	5.124f	1826168	2577206	0.548	1.556 #
11)	B alpha-Chl...	6.135f	5.190f	991587	355985	0.298	0.214 #
12)	B 4,4'-DDE	0.000	5.373	0	70400	N.D.	0.048 #
14)	MA Endrin	6.725	5.788f	2823269	897168	1.033	0.622 #
15)	B Endosulfa...	0.000	6.064	0	1775791	N.D.	1.235 #
16)	A 4,4'-DDD	6.844	5.939f	3887120	663596	1.526	0.533 #
17)	MA 4,4'-DDT	0.000	6.179	0	1028394	N.D.	0.766 #
18)	B Endrin al...	7.079	6.258	1370398	1987784	0.656	1.897 #
19)	B Endosulfa...	7.297	6.473	13267532	390965	4.805	0.282 #
20)	A Methoxychlor	0.000	6.746	0	4272549	N.D.	5.327 #
21)	B Endrin ke...	7.773f	6.999	4309390	-929277	1.458	N.D. #
22)	Mirex	0.000	7.192f	0	7064275	N.D.	5.239 #
23)	Chlordane-1	0.000	3.871	0	33096	N.D.	0.682 #
24)	Chlordane-2	0.000	4.482f	0	385079	N.D.	6.342 #
25)	Chlordane-3	6.098f	5.124f	1826168	2577206	3.673	15.100 #
26)	Chlordane-4	6.179f	5.190f	353590	355985	0.589	2.231 #
27)	Chlordane-5	7.002	5.850	10037782	178122	94.961	3.512 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
Data File : PL088862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2024 18:15
Operator : AR\AJ
Sample : PB159874BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

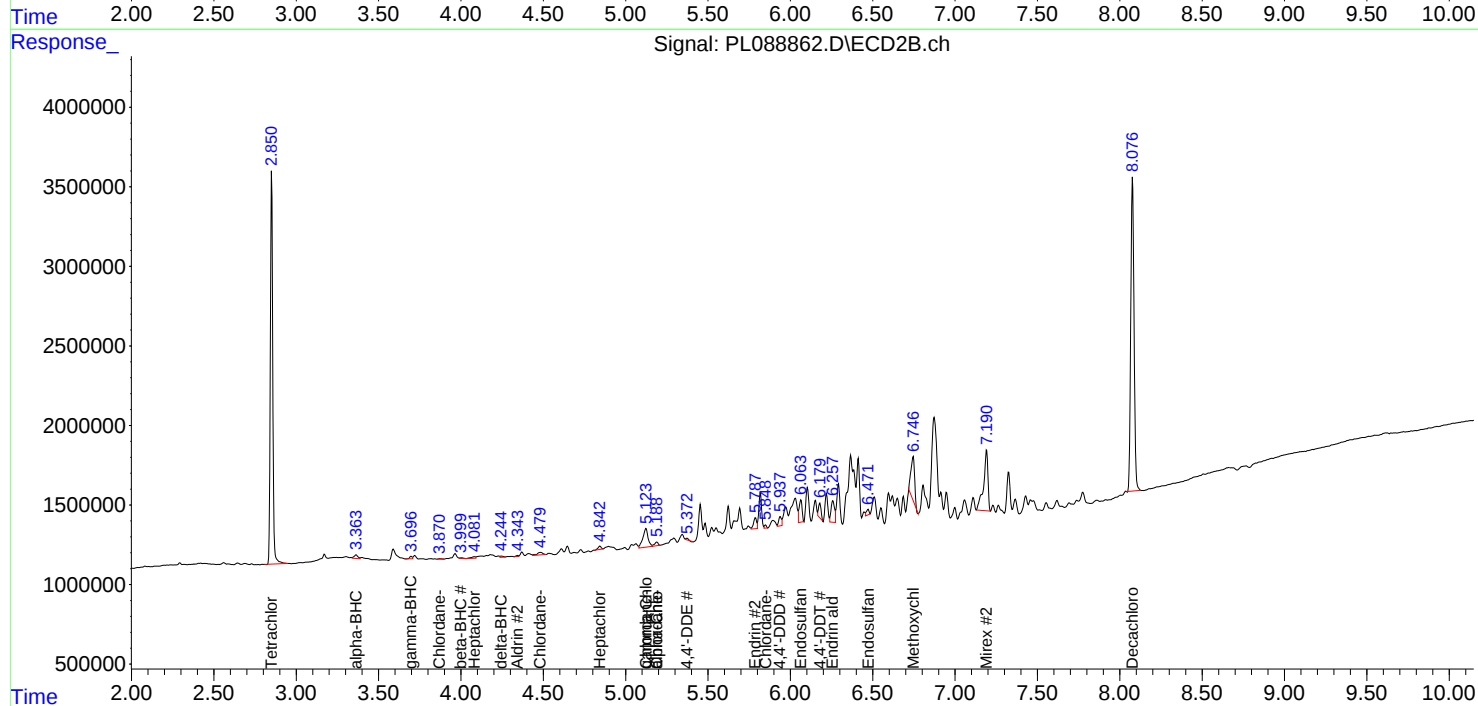
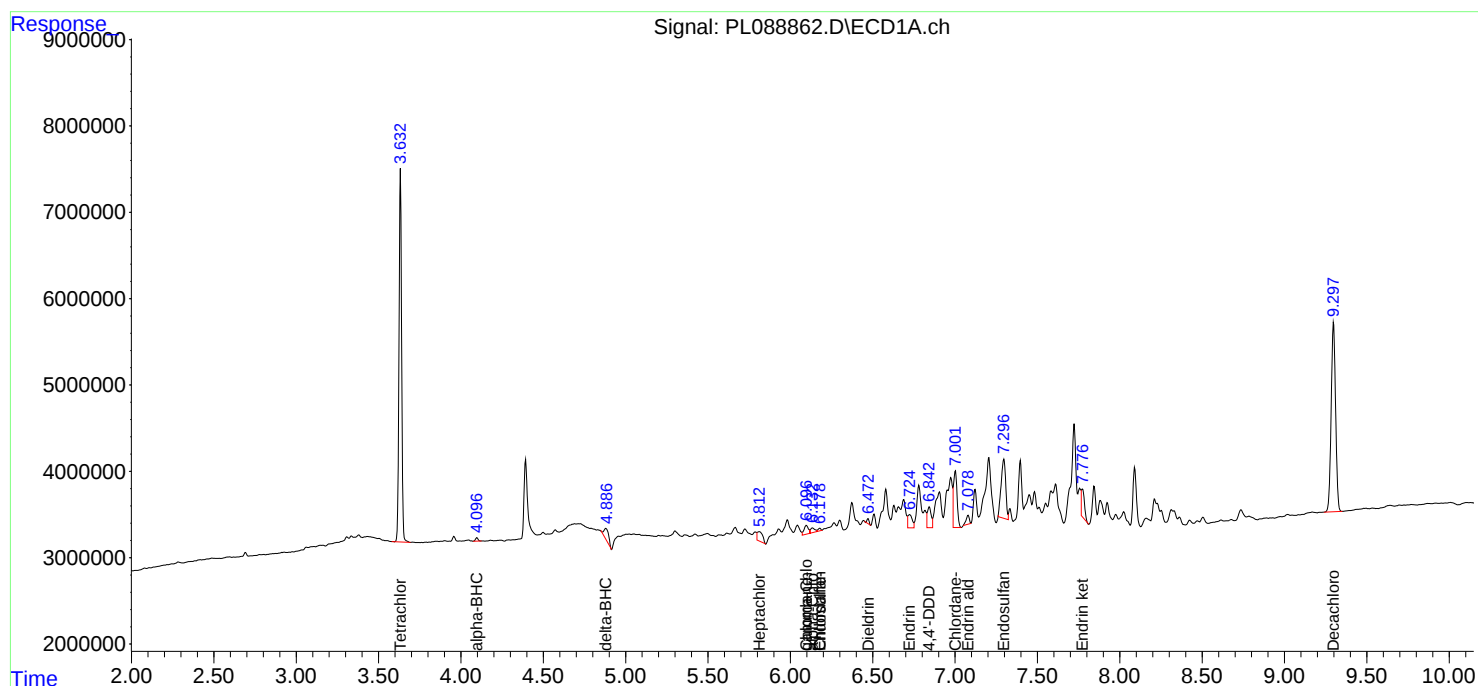
Instrument :
ECD_L
ClientSampleId :
PB159874BS

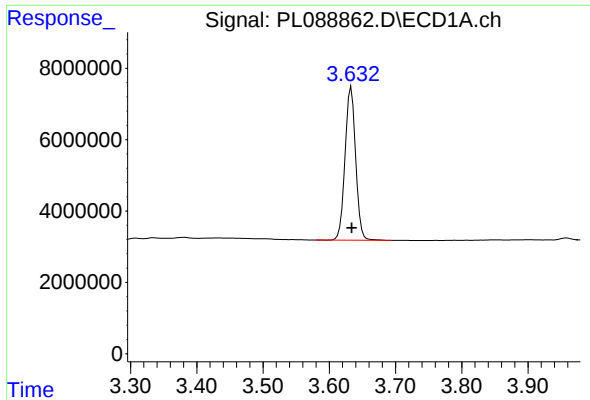
Manual Integrations
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Reviewed By : Abdul Mirza 04/02/2024
Supervised By : Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:18:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





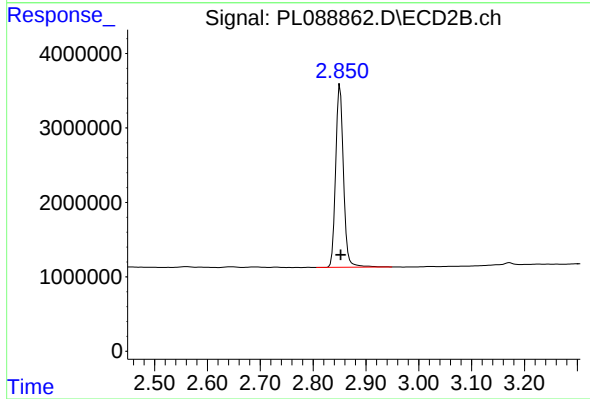
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 47723910
Conc: 18.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

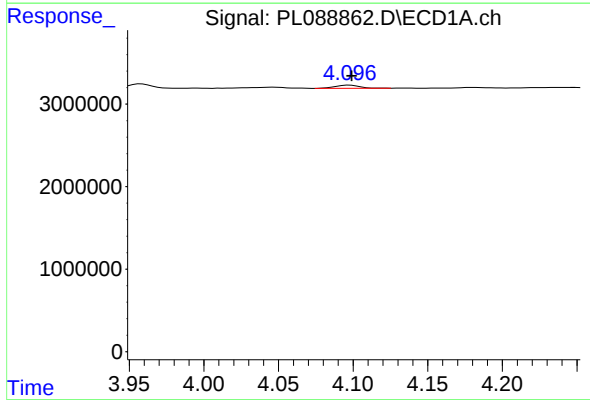
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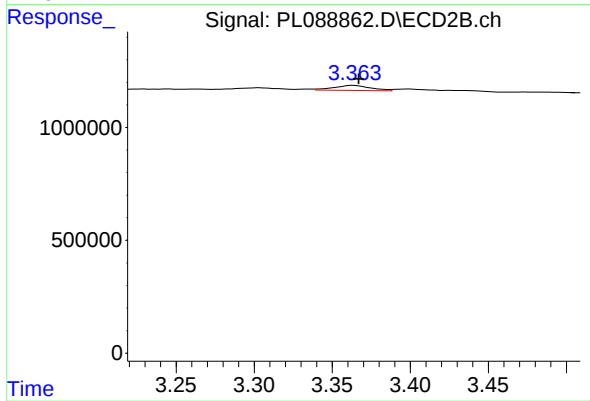
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.001 min
Response: 25236366
Conc: 18.94 ng/ml



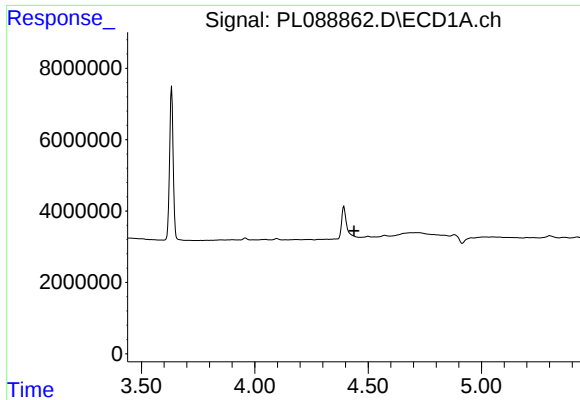
#2 alpha-BHC

R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 423333
Conc: 0.11 ng/ml



#2 alpha-BHC

R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 370452
Conc: 0.18 ng/ml



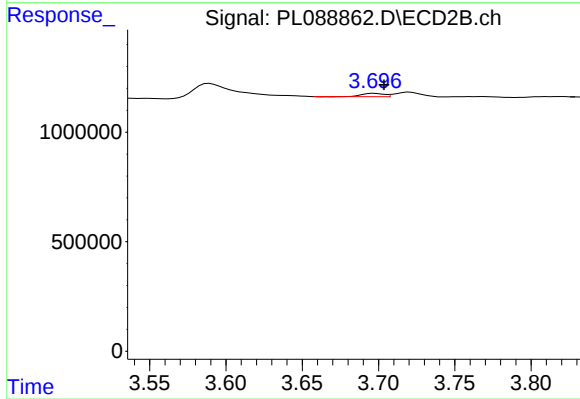
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159874BS

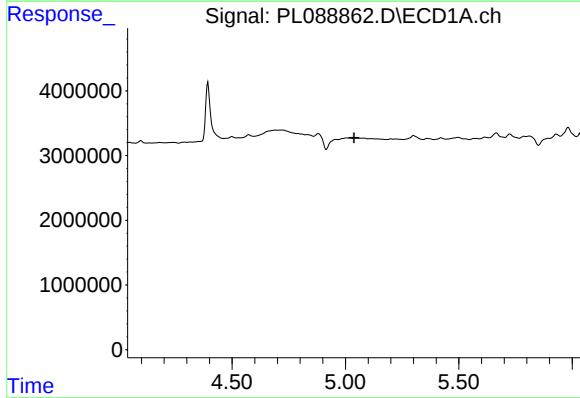
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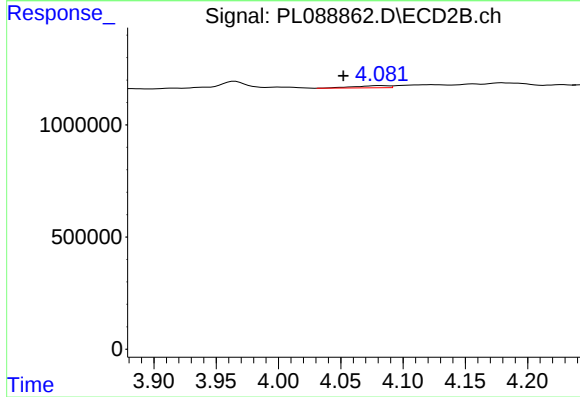
#3 gamma-BHC (Lindane)

R.T.: 3.697 min
Delta R.T.: -0.006 min
Response: 156317
Conc: 0.08 ng/ml



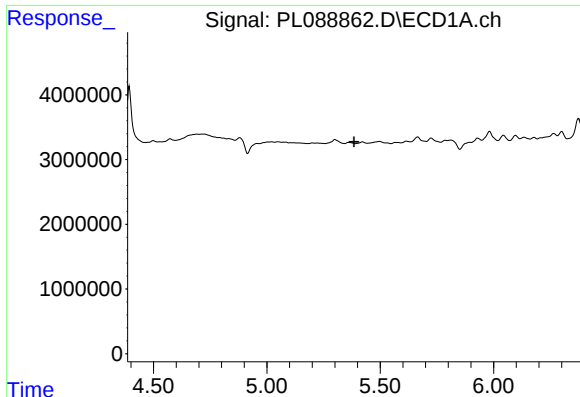
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.030 min
Response: 186638
Conc: 0.10 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159874BS

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#5 Aldrin

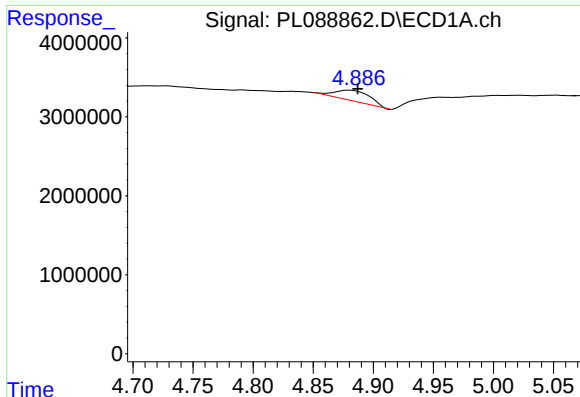
R.T.: 4.345 min
Delta R.T.: 0.007 min
Response: 68690
Conc: 0.04 ng/ml

#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.635 min
Response: 0
Conc: N.D.

#6 beta-BHC

R.T.: 4.000 min
Delta R.T.: -0.006 min
Response: 73948
Conc: 0.09 ng/ml



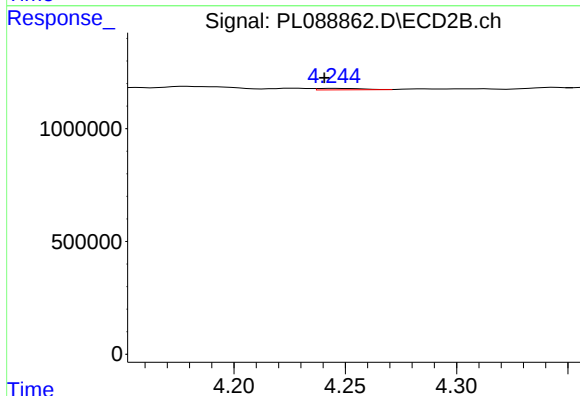
#7 delta-BHC

R.T.: 4.880 min
Delta R.T.: -0.007 min
Response: 2756446
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

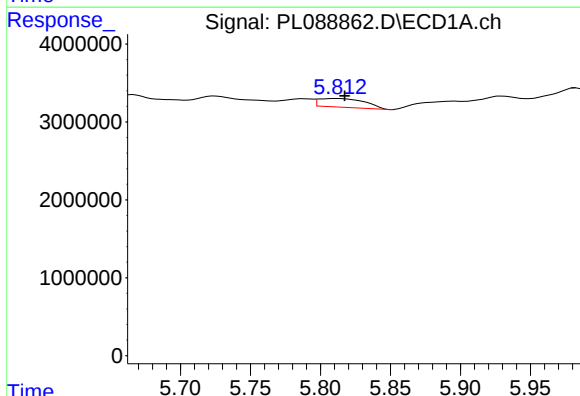
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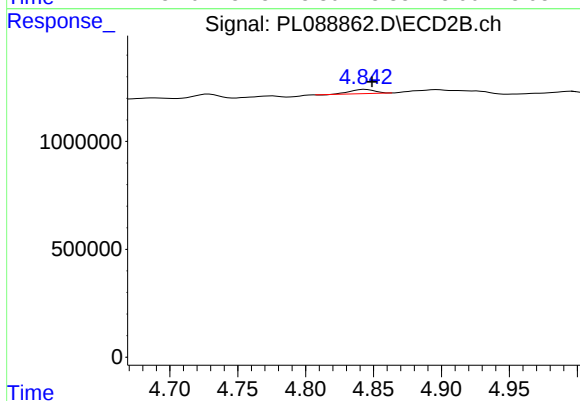
#7 delta-BHC

R.T.: 4.245 min
Delta R.T.: 0.005 min
Response: 99507
Conc: 0.05 ng/ml



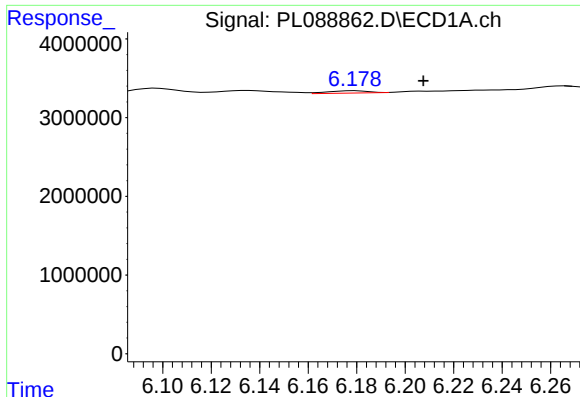
#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: -0.005 min
Response: 2560435
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 249522
Conc: 0.15 ng/ml



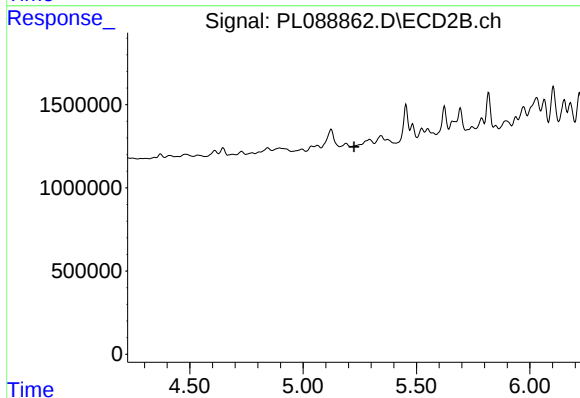
#9 Endosulfan I

R.T.: 6.179 min
Delta R.T.: -0.028 min
Response: 353590
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

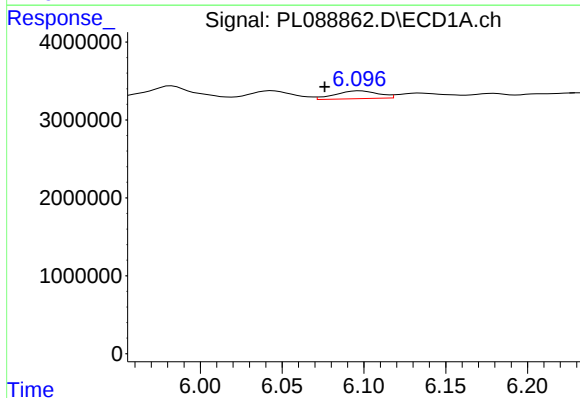
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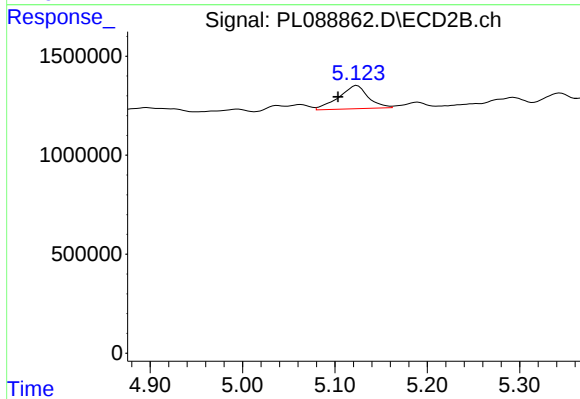
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.224 min
Response: 0
Conc: N.D.



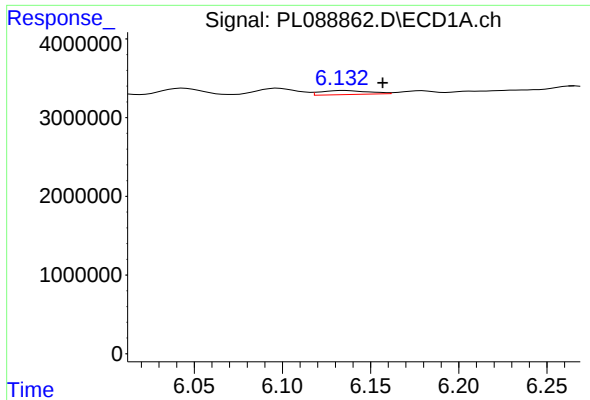
#10 gamma-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.022 min
Response: 1826168
Conc: 0.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: 0.021 min
Response: 2577206
Conc: 1.56 ng/ml



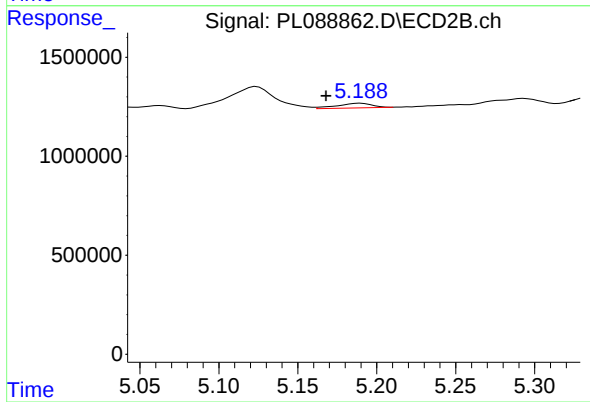
#11 alpha-Chlordane

R.T.: 6.135 min
Delta R.T.: -0.022 min
Response: 991587
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

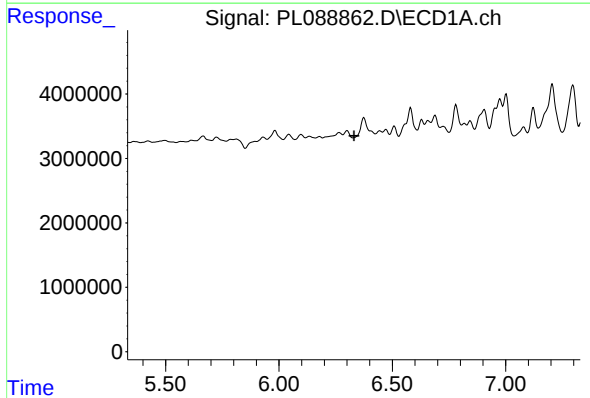
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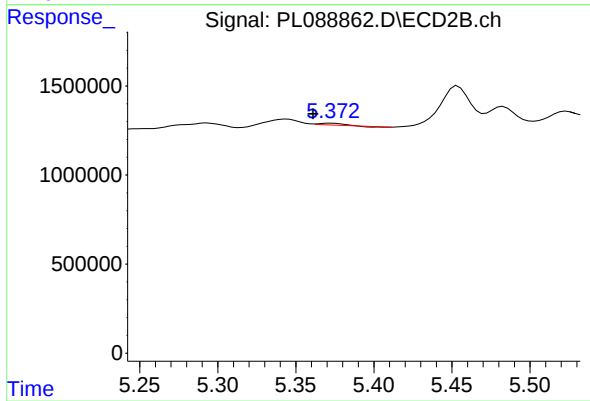
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.022 min
Response: 355985
Conc: 0.21 ng/ml



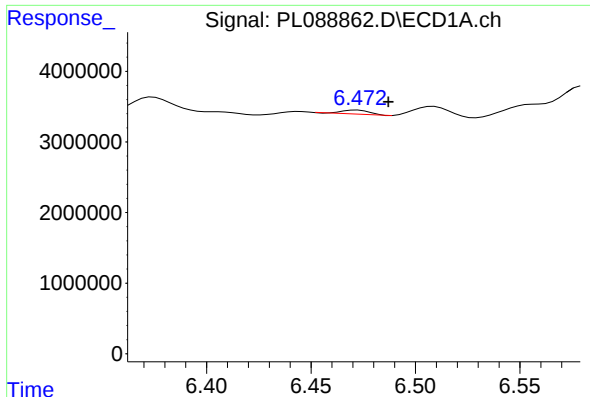
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.332 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.012 min
Response: 70400
Conc: 0.05 ng/ml



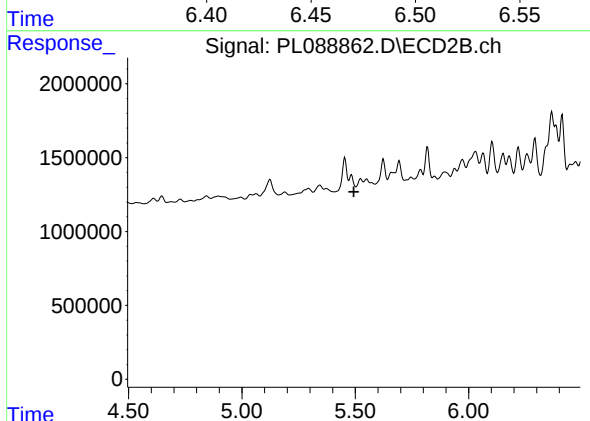
#13 Dieldrin

R.T.: 6.472 min
Delta R.T.: -0.015 min
Response: 521903
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

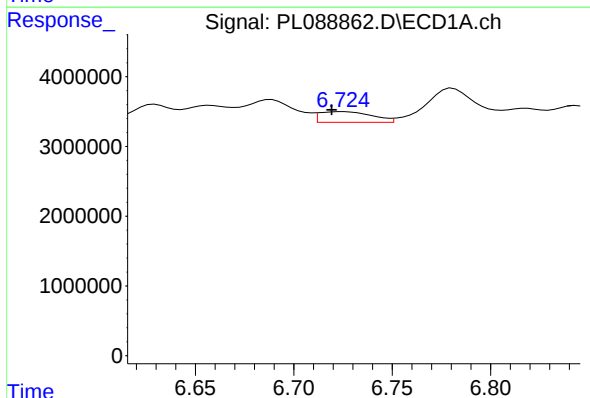
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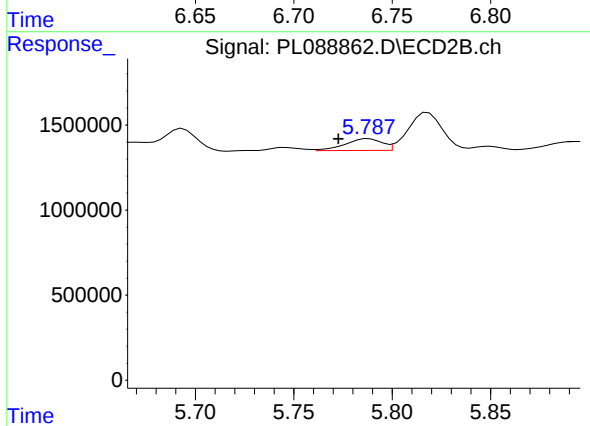
#13 Dieldrin

R.T.: 5.483 min
Delta R.T.: -0.010 min
Response: -371450
Conc: N.D.



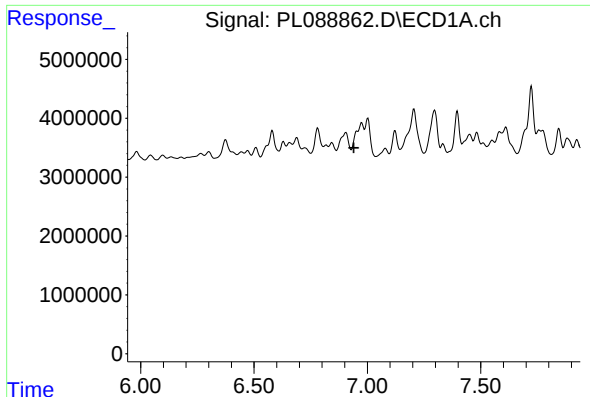
#14 Endrin

R.T.: 6.725 min
Delta R.T.: 0.006 min
Response: 2823269
Conc: 1.03 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.015 min
Response: 897168
Conc: 0.62 ng/ml



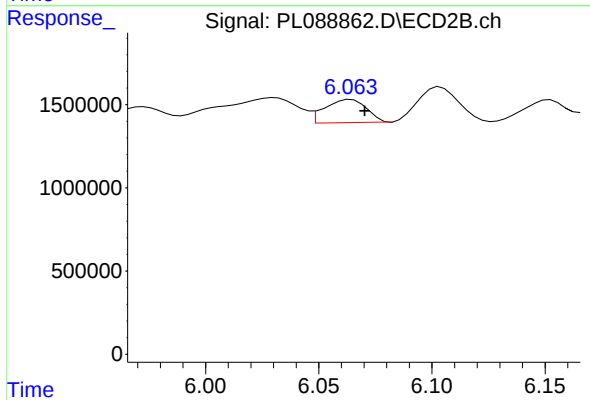
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.940 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159874BS

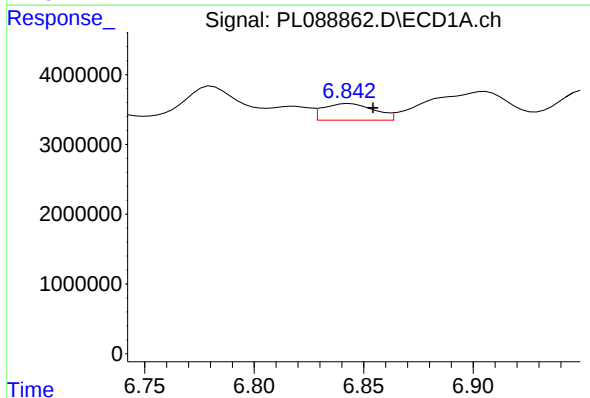
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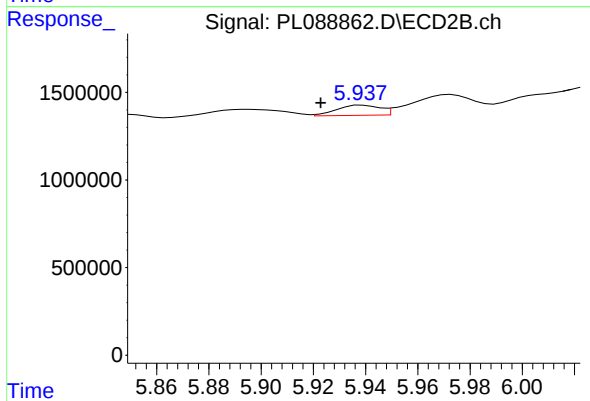
#15 Endosulfan II

R.T.: 6.064 min
Delta R.T.: -0.006 min
Response: 1775791
Conc: 1.24 ng/ml



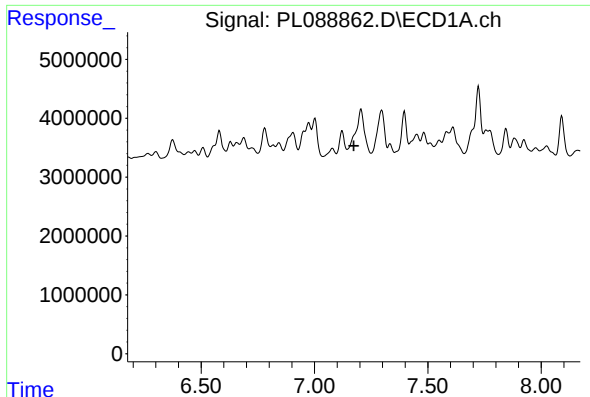
#16 4,4'-DDD

R.T.: 6.844 min
Delta R.T.: -0.011 min
Response: 3887120
Conc: 1.53 ng/ml



#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: 0.016 min
Response: 663596
Conc: 0.53 ng/ml



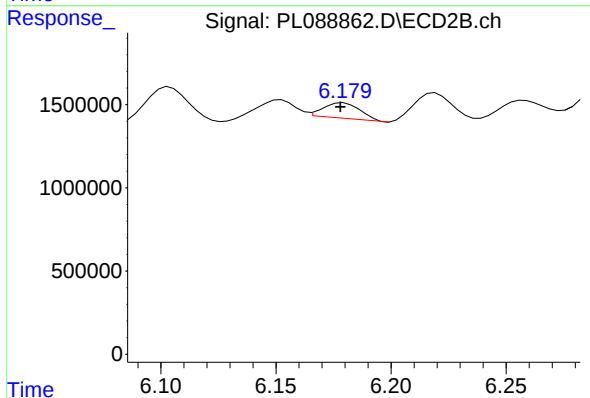
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.173 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159874BS

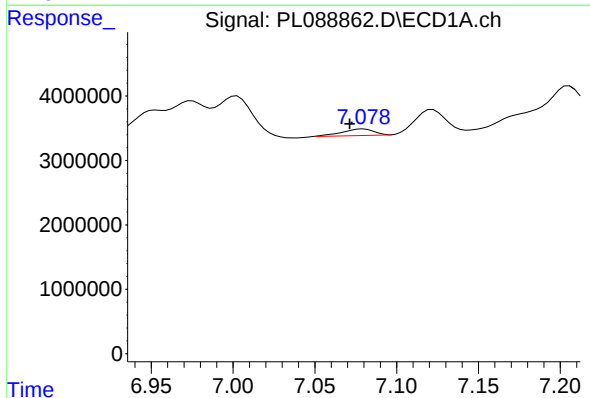
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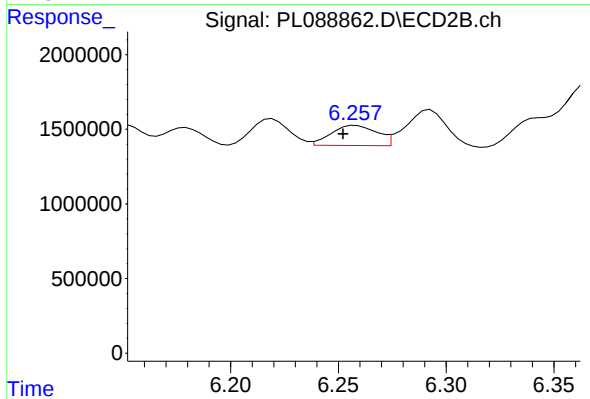
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 1028394
Conc: 0.77 ng/ml



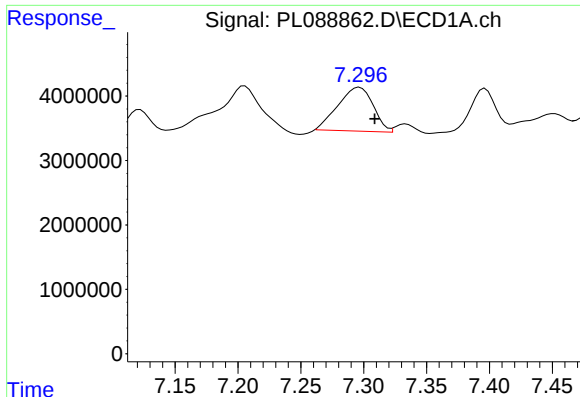
#18 Endrin aldehyde

R.T.: 7.079 min
Delta R.T.: 0.008 min
Response: 1370398
Conc: 0.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.006 min
Response: 1987784
Conc: 1.90 ng/ml



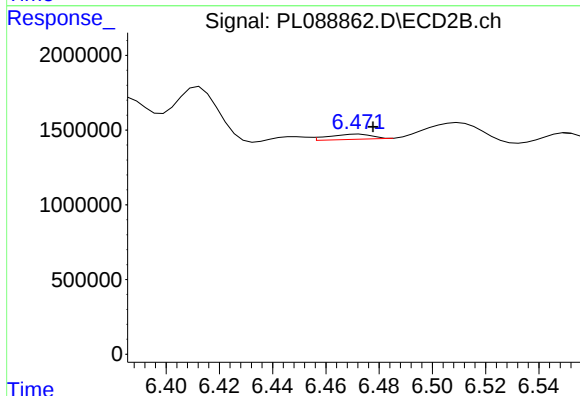
#19 Endosulfan Sulfate

R.T.: 7.297 min
Delta R.T.: -0.012 min
Response: 13267532
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

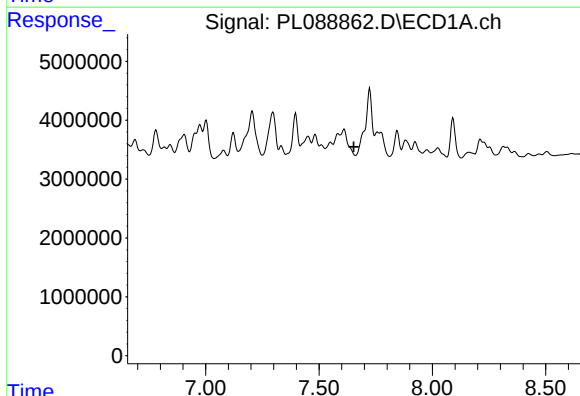
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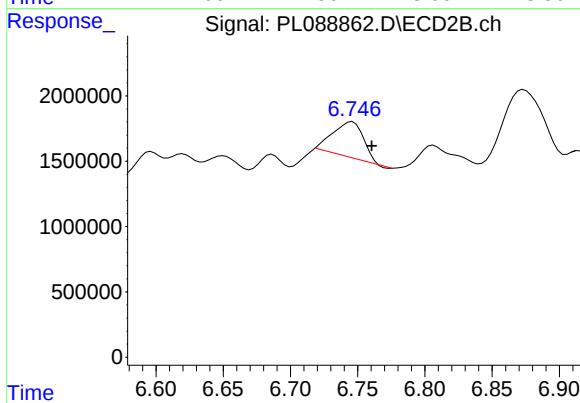
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 390965
Conc: 0.28 ng/ml



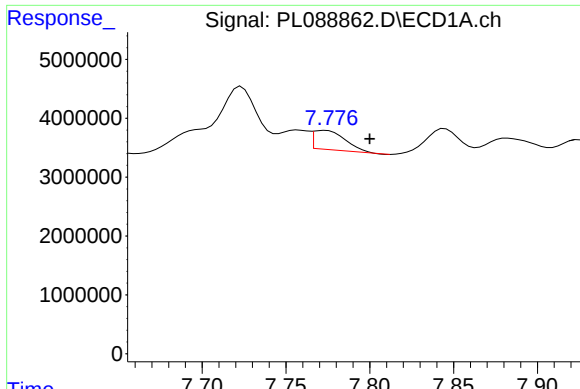
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.014 min
Response: 4272549
Conc: 5.33 ng/ml



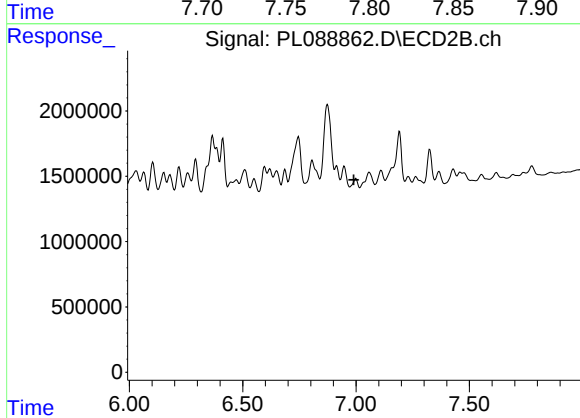
#21 Endrin ketone

R.T.: 7.773 min
Delta R.T.: -0.027 min
Response: 4309390
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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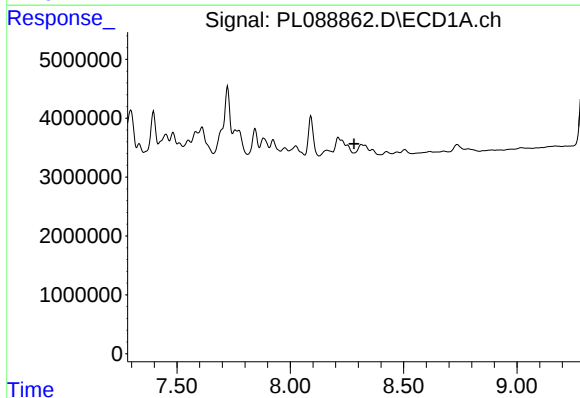
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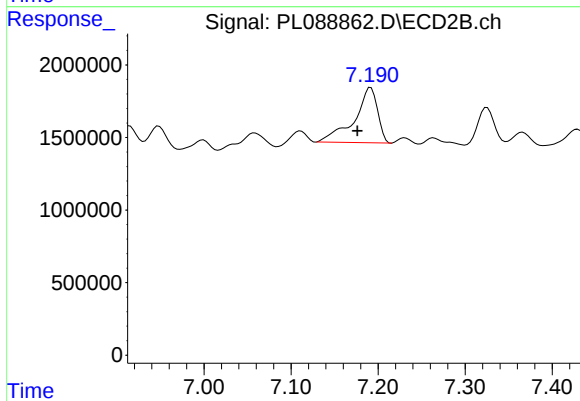
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.009 min
Response: -929277
Conc: N.D.



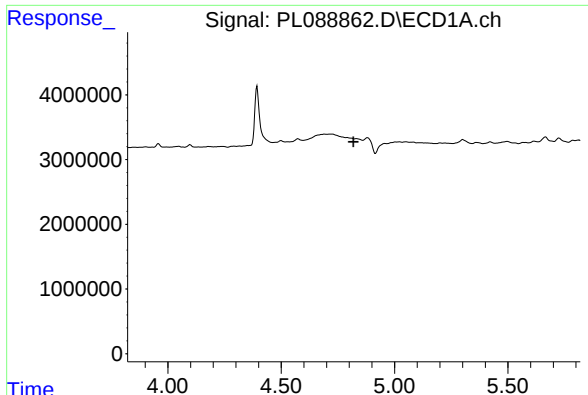
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 7.192 min
Delta R.T.: 0.015 min
Response: 7064275
Conc: 5.24 ng/ml



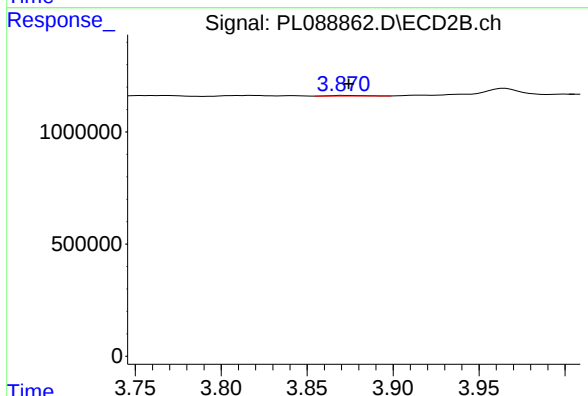
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB159874BS

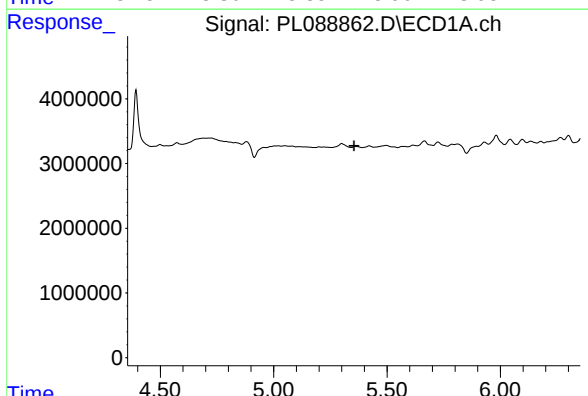
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



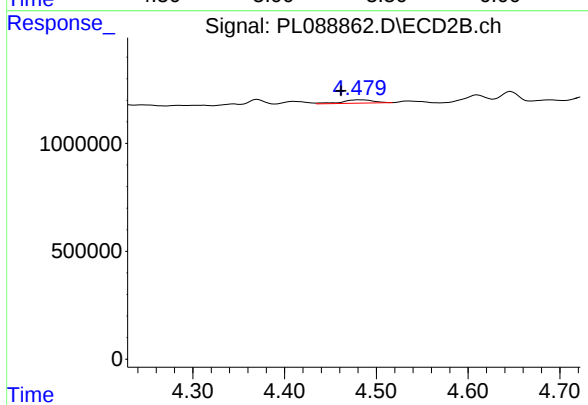
#23 Chlordane-1

R.T.: 3.871 min
Delta R.T.: -0.003 min
Response: 33096
Conc: 0.68 ng/ml



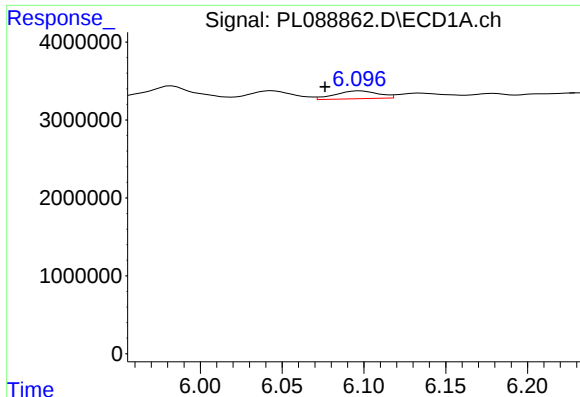
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

R.T.: 4.482 min
Delta R.T.: 0.021 min
Response: 385079
Conc: 6.34 ng/ml



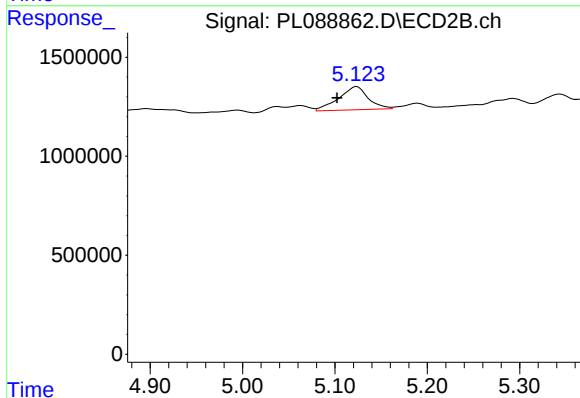
#25 Chlordane-3

R.T.: 6.098 min
Delta R.T.: 0.021 min
Response: 1826168
Conc: 3.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

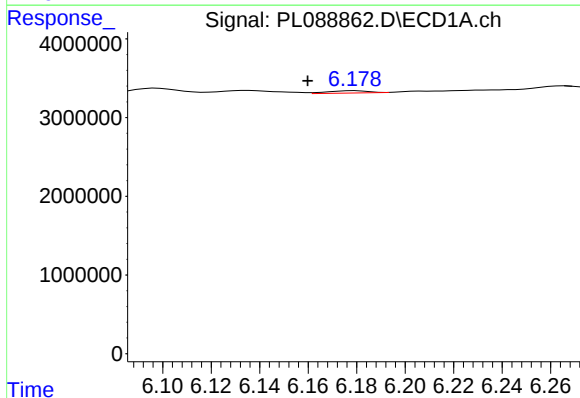
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



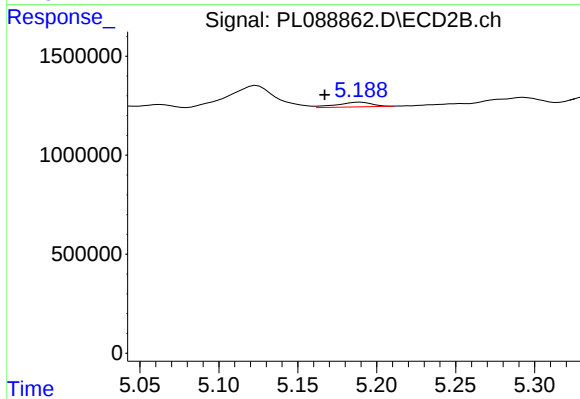
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: 0.022 min
Response: 2577206
Conc: 15.10 ng/ml



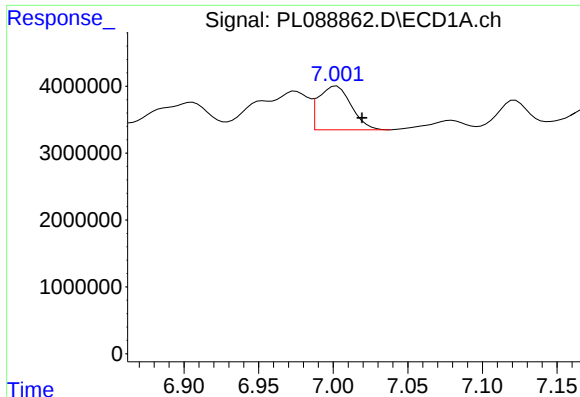
#26 Chlordane-4

R.T.: 6.179 min
Delta R.T.: 0.019 min
Response: 353590
Conc: 0.59 ng/ml



#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.023 min
Response: 355985
Conc: 2.23 ng/ml



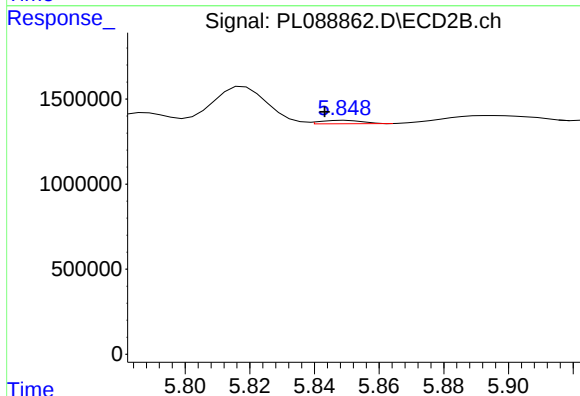
#27 Chlordane-5

R.T.: 7.002 min
Delta R.T.: -0.017 min
Response: 10037782
Conc: 94.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159874BS

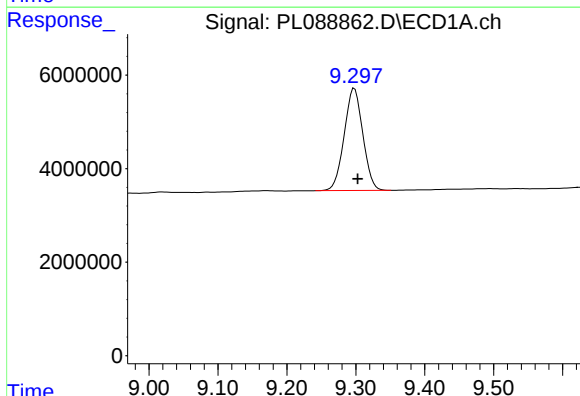
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



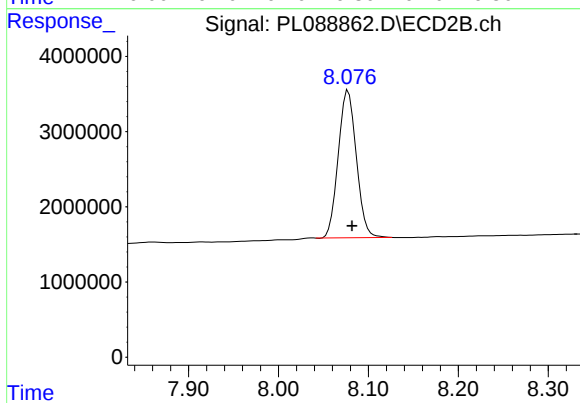
#27 Chlordane-5

R.T.: 5.850 min
Delta R.T.: 0.007 min
Response: 178122
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.005 min
Response: 41042454
Conc: 16.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 27433120
Conc: 20.23 ng/ml