

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
 Data File : PL082193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 14:58
 Operator : AR\AJ
 Sample : 02386-07MSD 200X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPA-2WC-23-04MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/20/2023
 Supervised By : Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:06:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.309f	2.646	3861153	2294681	1.660m	1.150 #
Target Compounds						
2) A alpha-BHC	3.776	3.146	895473	501002	0.261m	0.172m#
3) MA gamma-BHC...	4.106	3.475	3296391	530454	1.038m	0.191 #
4) MA Heptachlor	4.710f	3.823	2814571	8591877	0.893m	2.997m#
5) MB Aldrin	5.014f	4.105	2577626	9527711	0.901m	3.576 #
6) B beta-BHC	4.288f	3.774	2573161	325202	1.710m	0.273m#
7) B delta-BHC	4.562	4.006	7955221	5834106	2.618	2.256
8) B Heptachlo...	5.442	4.585	22228699	409051	8.172	0.168 #
9) A Endosulfan I	5.821f	4.949f	1162075	272404	0.470	0.123m#
10) B gamma-Chl...	5.697	4.834	11790838	14105945	4.491m	5.804 #
11) B alpha-Chl...	5.779	4.896	16627863	19115829	6.424	7.870
12) B 4,4'-DDE	5.955	5.088	26821116	6626647	11.901	3.364 #
13) MA Dieldrin	6.099	5.220	21885889	36514811	9.040m	16.233 #
14) MA Endrin	6.332	5.496	17173991	3035476	8.119	1.500m#
15) B Endosulfa...	6.545	5.825f	3107447	8056593	1.464	4.441m#
16) A 4,4'-DDD	6.473	5.644	168.2E6	131.7E6	93.260	86.779
17) MA 4,4'-DDT	6.776f	5.886f	1078276	22909588	0.531m	13.294 #
18) B Endrin al...	6.691	5.983	2105759	4173608	1.287	2.687 #
19) B Endosulfa...	6.894f	6.216	4011996	3068388	1.925m	1.577
20) A Methoxychlor	7.264	6.478	614126	2461300	0.570m	2.471m#
21) B Endrin ke...	7.399	6.721	363889	2470627	0.174m	1.156m#

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

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 Acq On : 19 Apr 2023 14:58
 Operator : AR\AJ
 Sample : 02386-07MSD 200X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

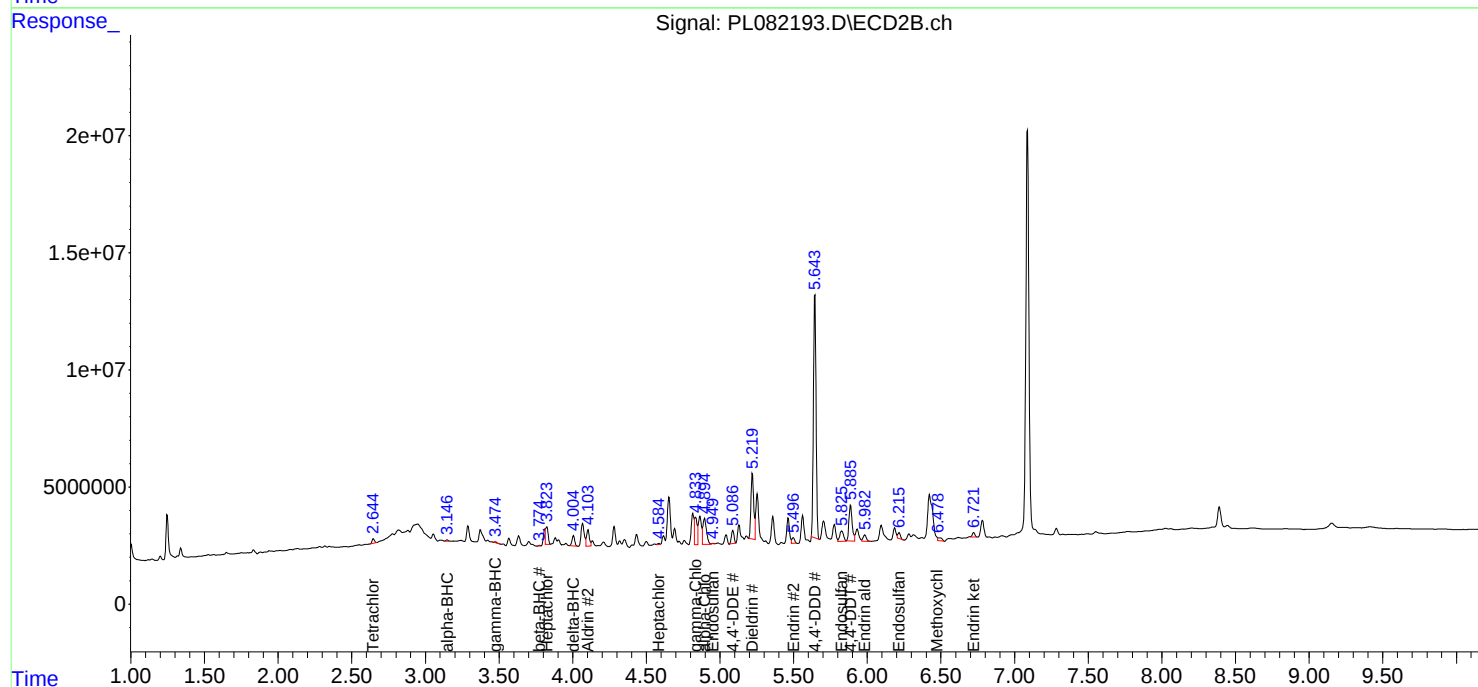
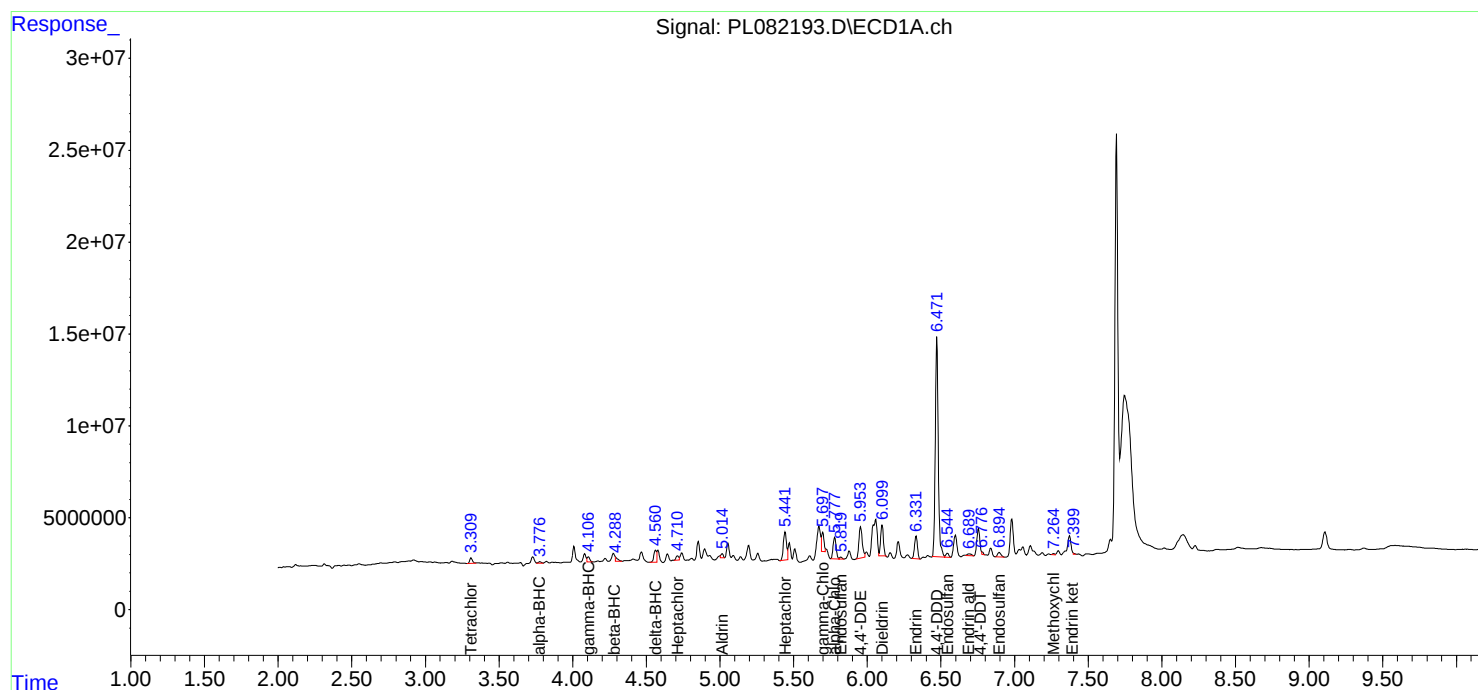
Instrument :
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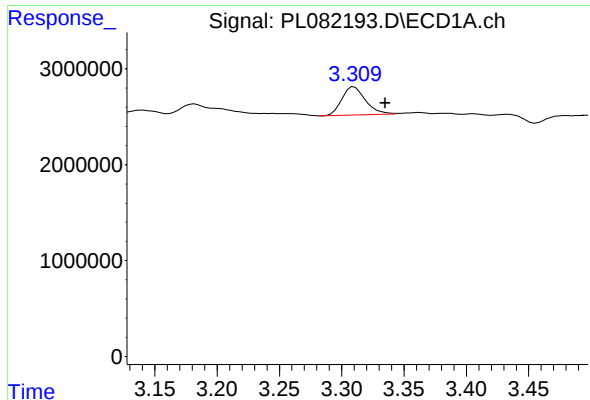
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:06:34 2023
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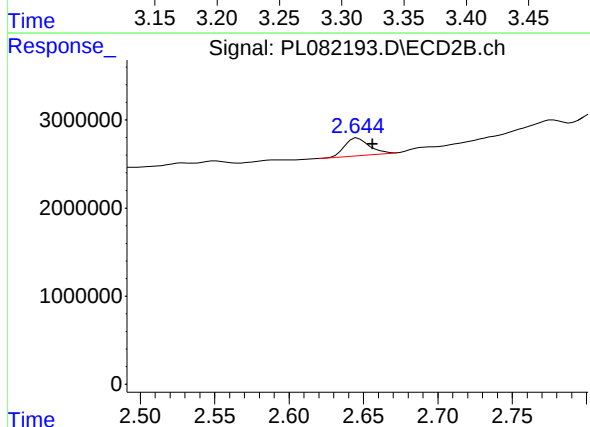
#1 Tetrachloro-m-xylene

R.T.: 3.309 min
Delta R.T.: -0.026 min
Response: 3861153
Conc: 1.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

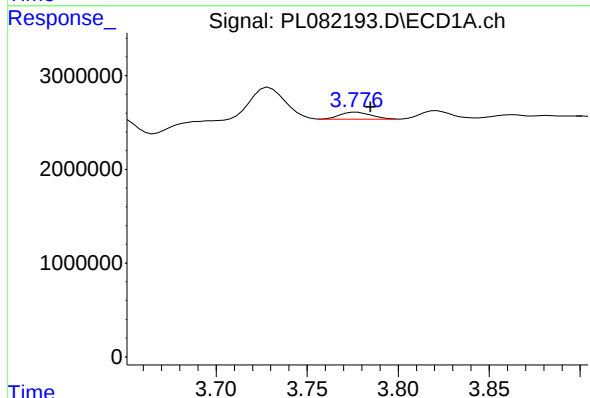
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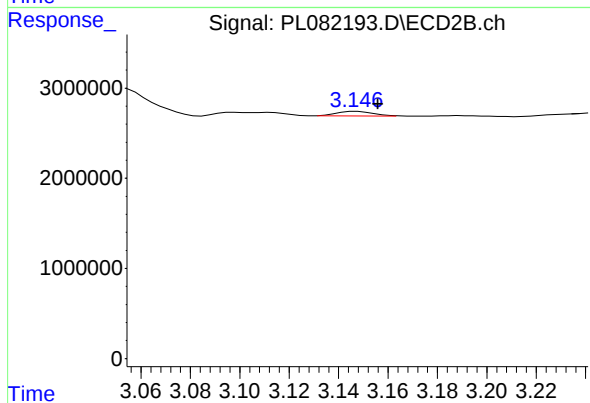
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.010 min
Response: 2294681
Conc: 1.15 ng/ml



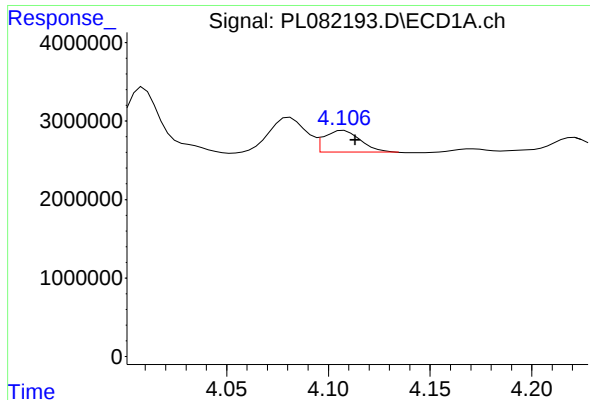
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 895473
Conc: 0.26 ng/ml m



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: -0.010 min
Response: 501002
Conc: 0.17 ng/ml m



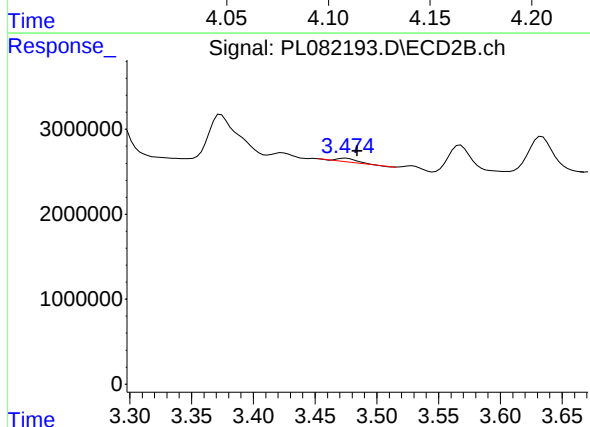
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 3296391
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

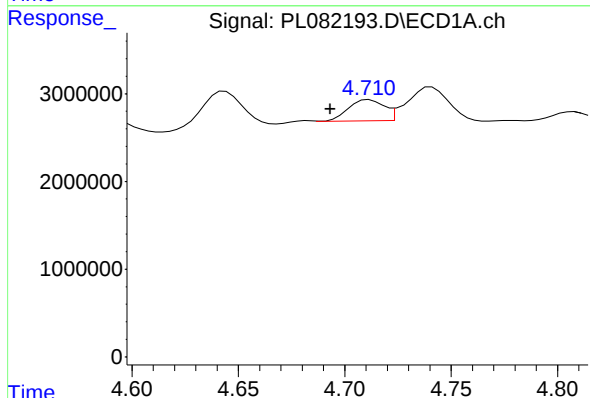
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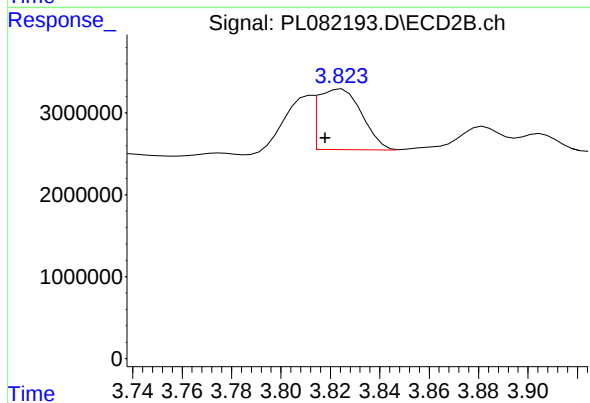
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: -0.009 min
Response: 530454
Conc: 0.19 ng/ml



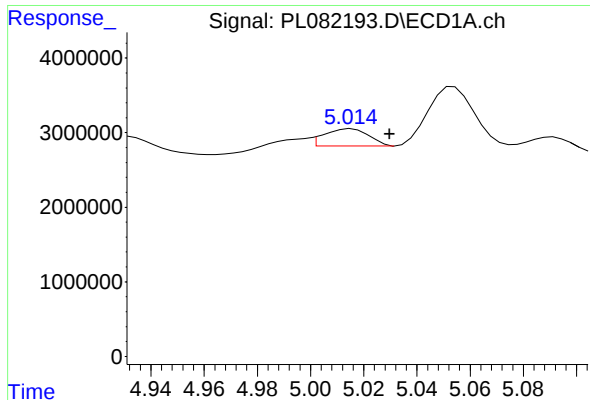
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: 0.017 min
Response: 2814571
Conc: 0.89 ng/ml m



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.005 min
Response: 8591877
Conc: 3.00 ng/ml m



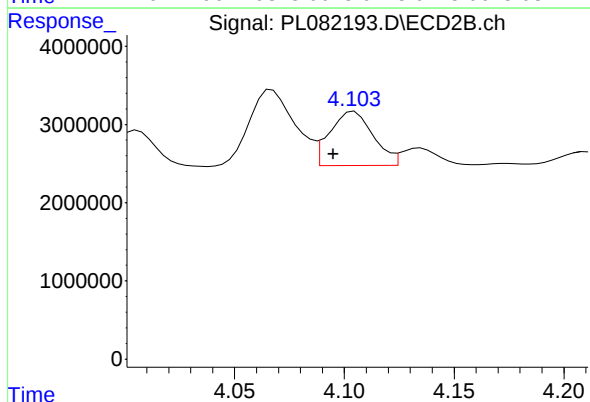
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.016 min
Response: 2577626
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

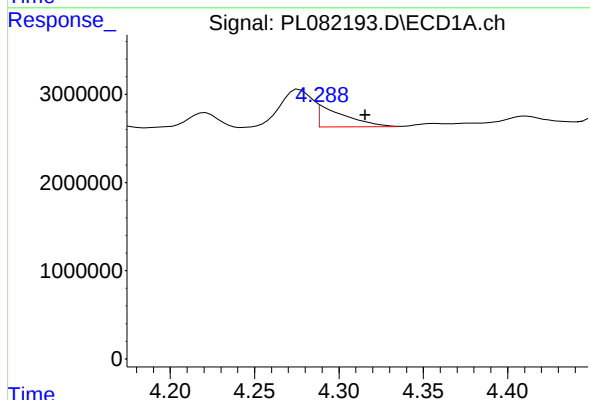
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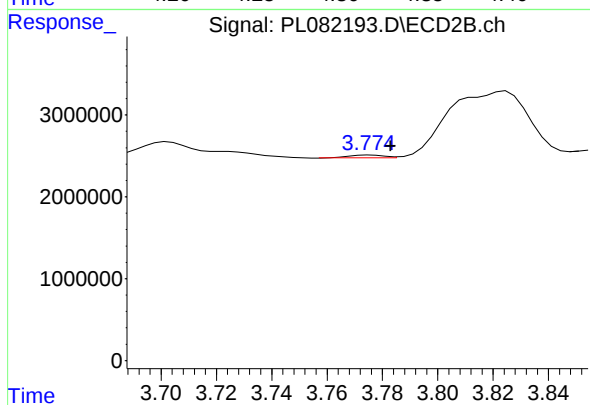
#5 Aldrin

R.T.: 4.105 min
Delta R.T.: 0.010 min
Response: 9527711
Conc: 3.58 ng/ml



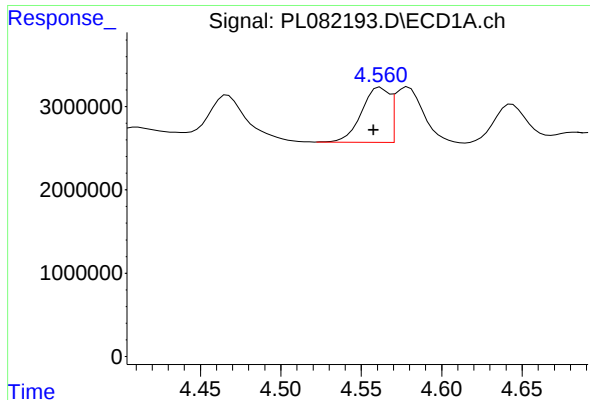
#6 beta-BHC

R.T.: 4.288 min
Delta R.T.: -0.027 min
Response: 2573161
Conc: 1.71 ng/ml m



#6 beta-BHC

R.T.: 3.774 min
Delta R.T.: -0.009 min
Response: 325202
Conc: 0.27 ng/ml m



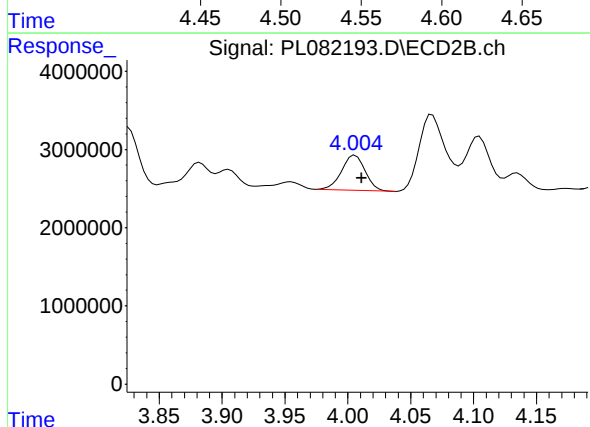
#7 delta-BHC

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 7955221
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

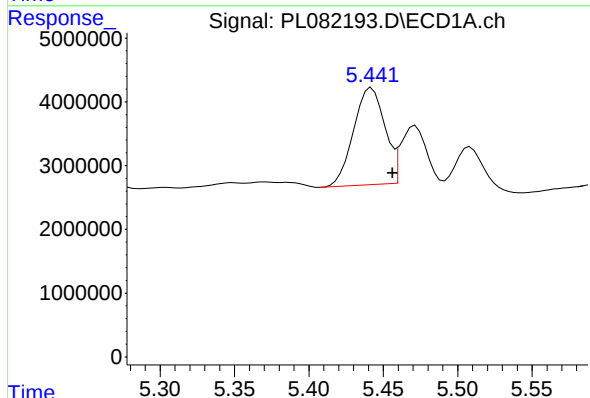
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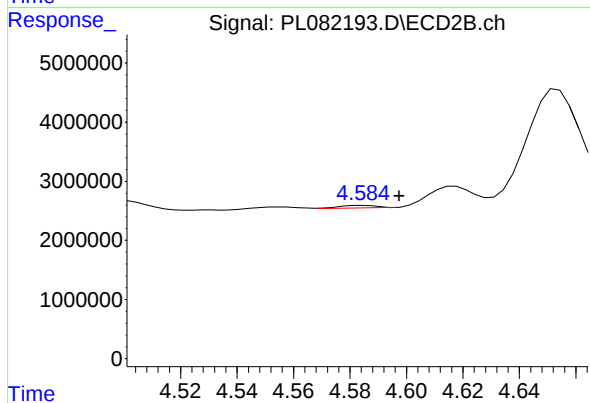
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 5834106
Conc: 2.26 ng/ml



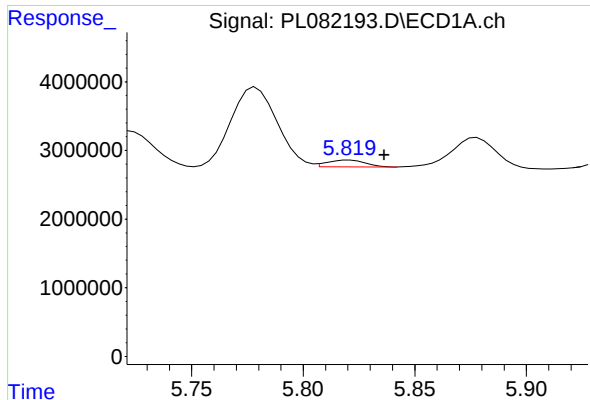
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: -0.014 min
Response: 22228699
Conc: 8.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.585 min
Delta R.T.: -0.013 min
Response: 409051
Conc: 0.17 ng/ml



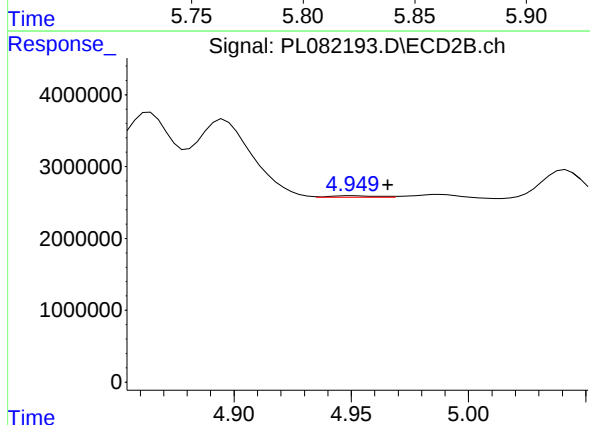
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.016 min
Response: 1162075
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

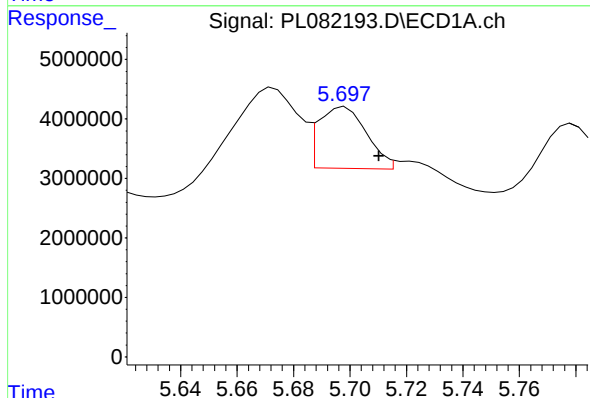
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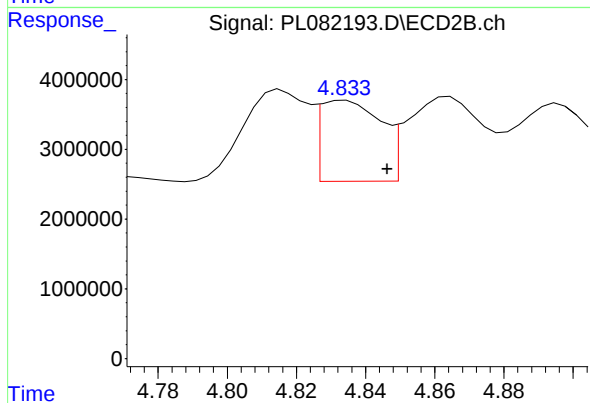
#9 Endosulfan I

R.T.: 4.949 min
Delta R.T.: -0.016 min
Response: 272404
Conc: 0.12 ng/ml m



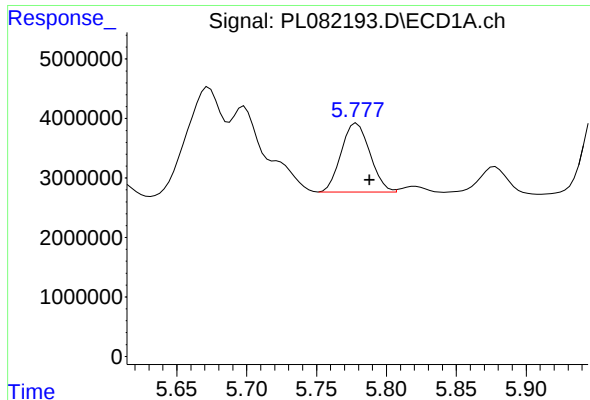
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: -0.013 min
Response: 11790838
Conc: 4.49 ng/ml m



#10 gamma-Chlordane

R.T.: 4.834 min
Delta R.T.: -0.012 min
Response: 14105945
Conc: 5.80 ng/ml



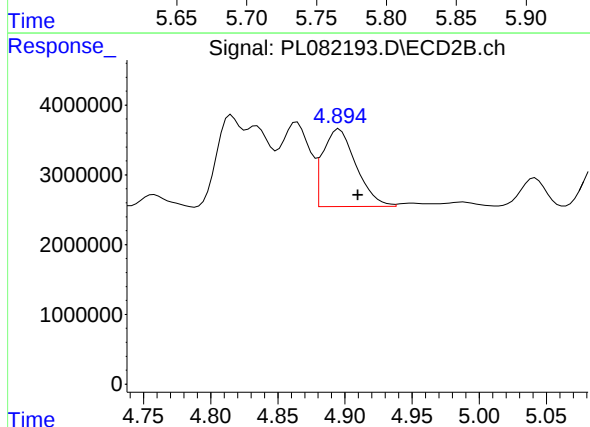
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 16627863
Conc: 6.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

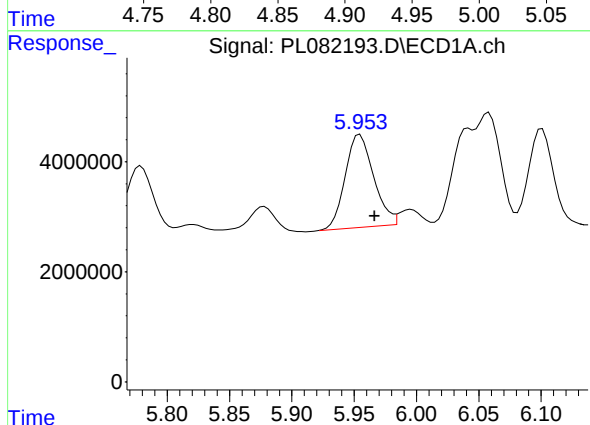
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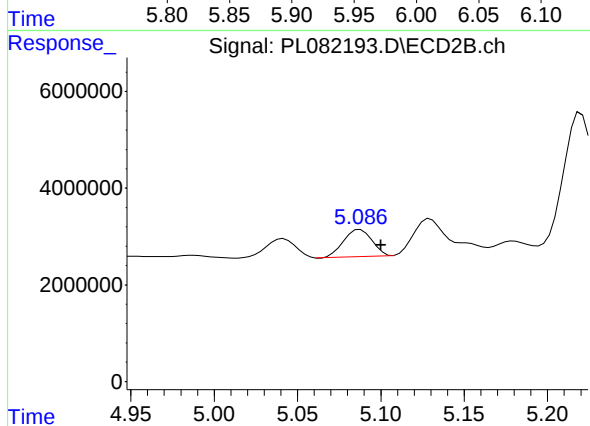
#11 alpha-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 19115829
Conc: 7.87 ng/ml



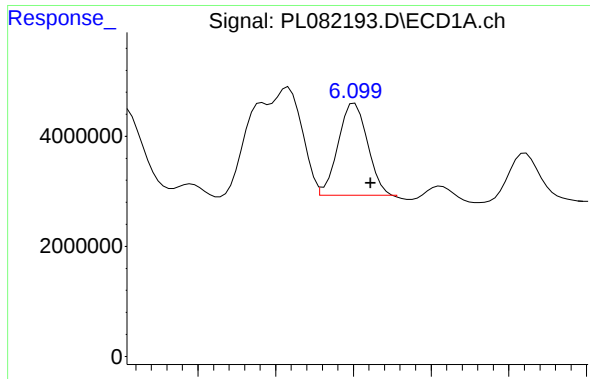
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 26821116
Conc: 11.90 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min
Delta R.T.: -0.012 min
Response: 6626647
Conc: 3.36 ng/ml



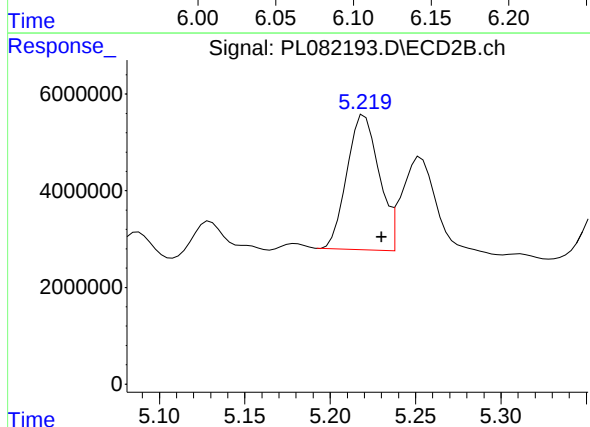
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 21885889
Conc: 9.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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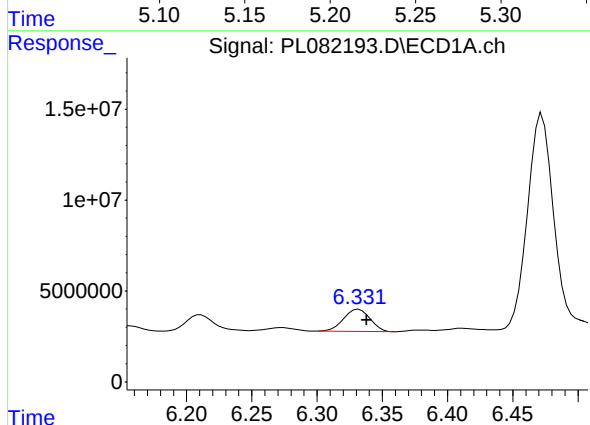
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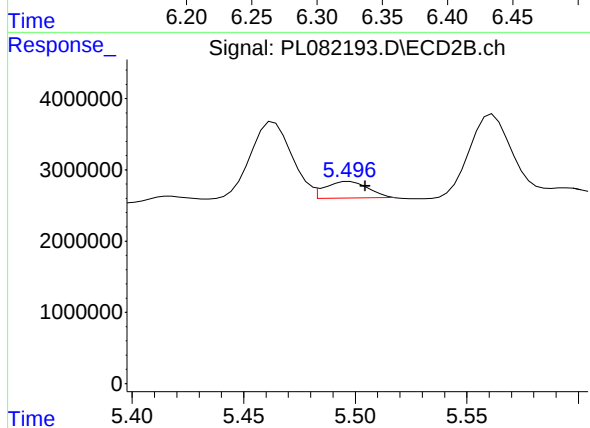
#13 Dieldrin

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 36514811
Conc: 16.23 ng/ml



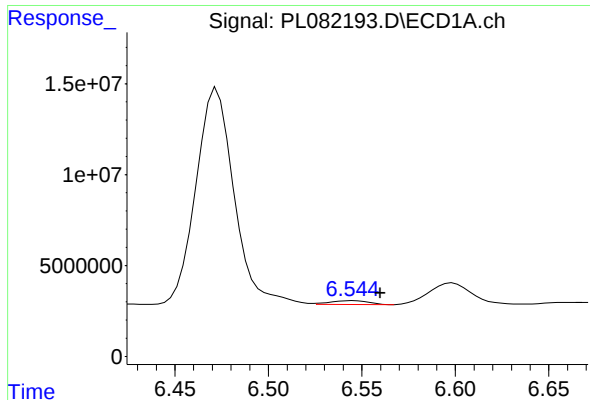
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 17173991
Conc: 8.12 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 3035476
Conc: 1.50 ng/ml m



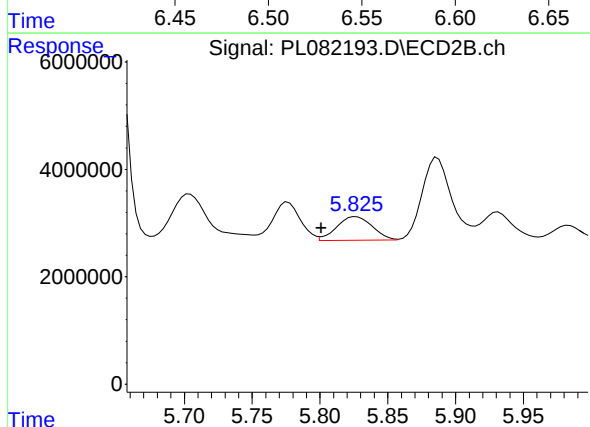
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: -0.015 min
Response: 3107447
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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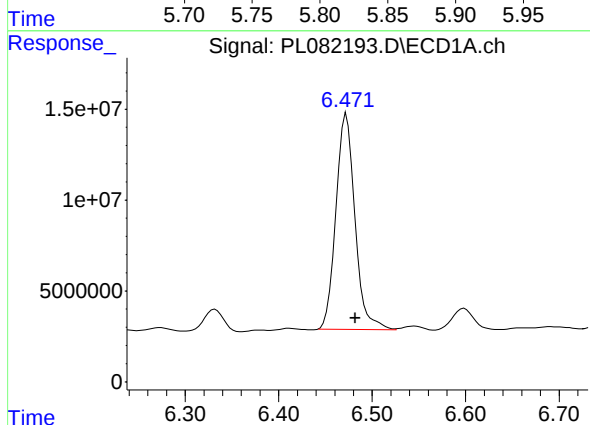
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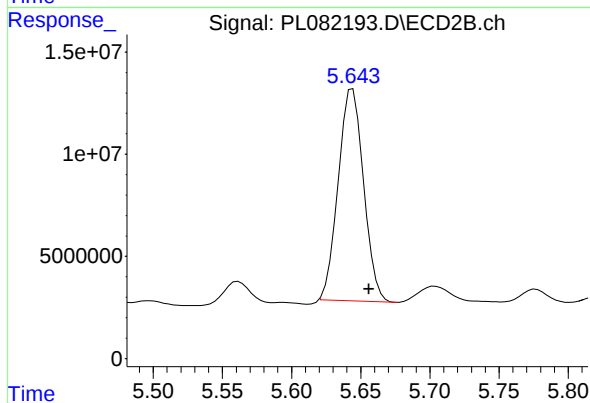
#15 Endosulfan II

R.T.: 5.825 min
Delta R.T.: 0.024 min
Response: 8056593
Conc: 4.44 ng/ml m



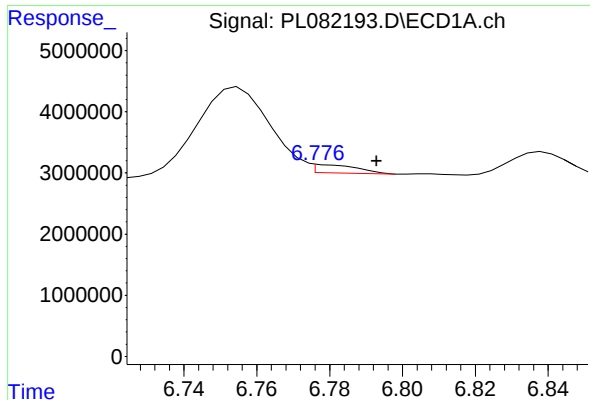
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 168192291
Conc: 93.26 ng/ml



#16 4,4'-DDD

R.T.: 5.644 min
Delta R.T.: -0.012 min
Response: 131689923
Conc: 86.78 ng/ml



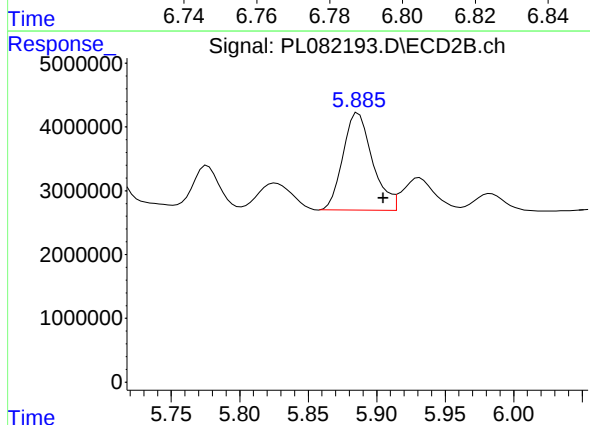
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.017 min
Response: 1078276
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

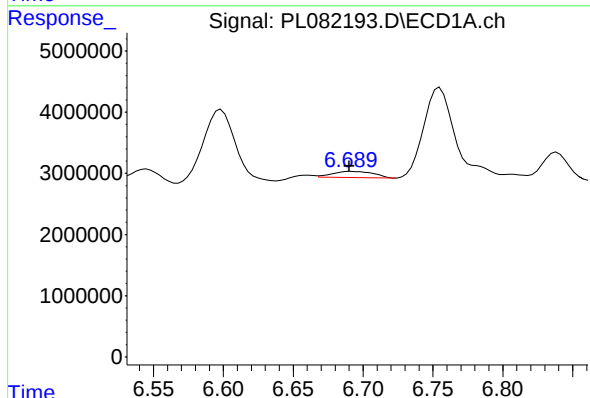
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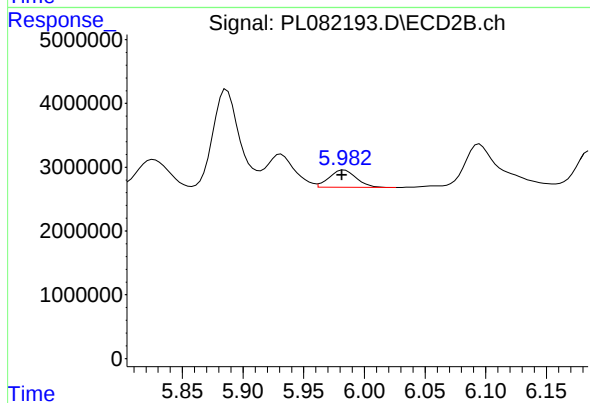
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.019 min
Response: 22909588
Conc: 13.29 ng/ml



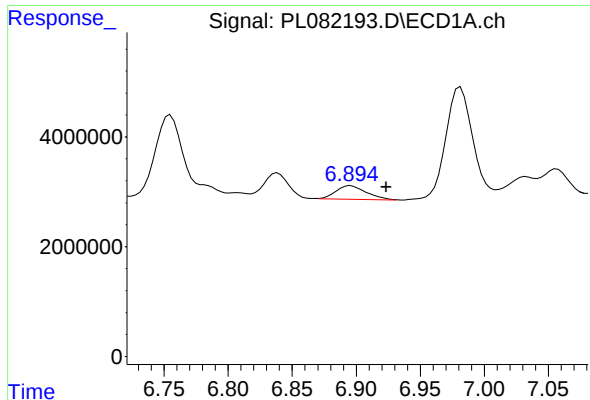
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: 0.001 min
Response: 2105759
Conc: 1.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.983 min
Delta R.T.: 0.002 min
Response: 4173608
Conc: 2.69 ng/ml



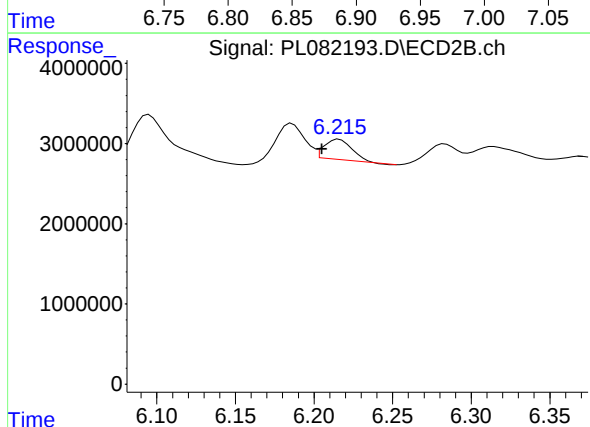
#19 Endosulfan Sulfate

R.T.: 6.894 min
Delta R.T.: -0.029 min
Response: 4011996
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

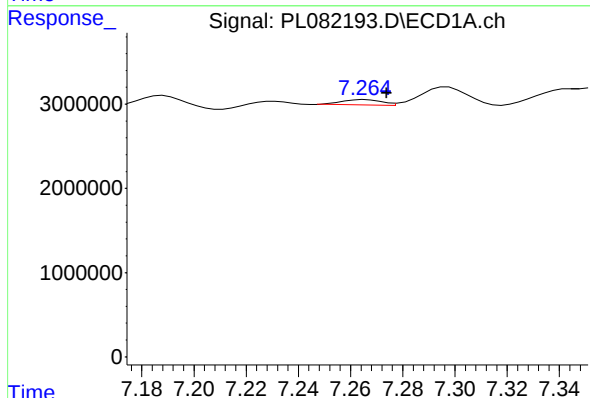
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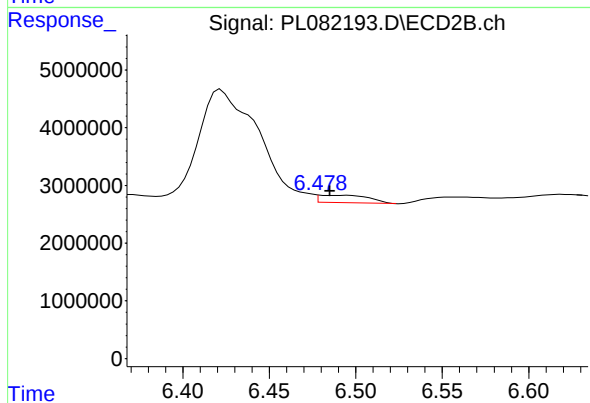
#19 Endosulfan Sulfate

R.T.: 6.216 min
Delta R.T.: 0.011 min
Response: 3068388
Conc: 1.58 ng/ml



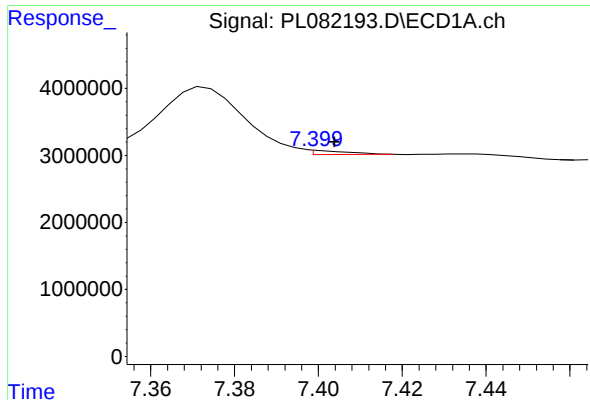
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.009 min
Response: 614126
Conc: 0.57 ng/ml m



#20 Methoxychlor

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 2461300
Conc: 2.47 ng/ml m



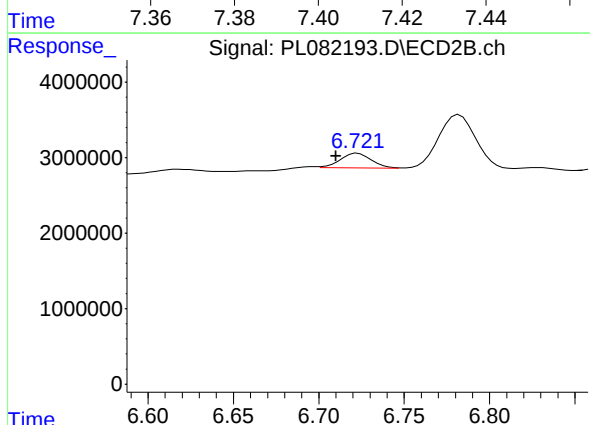
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 363889
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

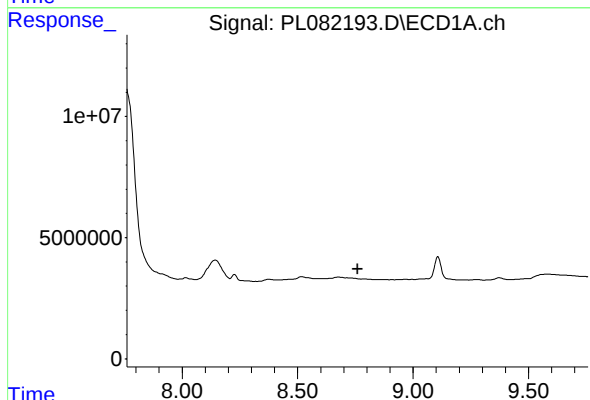
Manual Integrations
APPROVED

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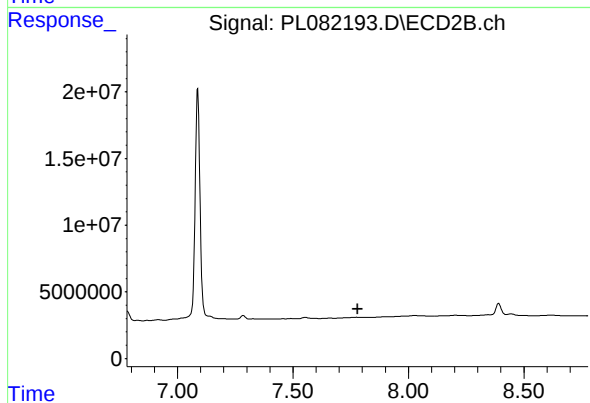
#21 Endrin ketone

R.T.: 6.721 min
Delta R.T.: 0.011 min
Response: 2470627
Conc: 1.16 ng/ml m



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.760 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 7.779 min
Response: 0
Conc: N.D.