

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
 Data File : PL082192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 14:44
 Operator : AR\AJ
 Sample : 02386-07MSD 20X
 Misc :
 ALS Vial : 12 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 22:06:12 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	29898484	19760349	12.855m	9.899
28) SA Decachlor...	8.744	7.770	1869740	3794115	1.045m	1.913 #
Target Compounds						
2) A alpha-BHC	3.775	3.146	8732224	4201475	2.547m	1.441m#
3) MA gamma-BHC...	4.106	3.476	27782814	3808584	8.745m	1.368 #
4) MA Heptachlor	4.710f	3.823	19639983	64269708	6.231m	22.417m#
5) MB Aldrin	5.014f	4.104	25901805	65296956	9.056m	24.507 #
6) B beta-BHC	4.296f	3.775	7252835	947296	4.819m	0.795 #
7) B delta-BHC	4.562	4.006	59812698	44432674	19.680	17.181
8) B Heptachlo...	5.442	4.585	155.5E6	2483387	57.180	1.022 #
9) A Endosulfan I	5.819f	4.951	8585471	5781342	3.475	2.619
10) B gamma-Chl...	5.698	4.835	125.4E6	118.7E6	47.777m	48.854
11) B alpha-Chl...	5.779	4.896	130.9E6	148.7E6	50.586	61.212
12) B 4,4'-DDE	5.955	5.088	211.4E6	57751785	93.784	29.319 #
13) MA Dieldrin	6.100	5.220	192.2E6	317.3E6	79.386m	141.074 #
14) MA Endrin	6.332	5.495	126.5E6	23331267	59.795	11.529m#
15) B Endosulfa...	6.547	5.824f	13498561	57297762	6.361	31.586m#
16) A 4,4'-DDD	6.473	5.644	1551.0E6	1266.4E6	860.026	834.537
17) MA 4,4'-DDT	6.774f	5.886f	8097269	177.8E6	3.990m	103.203 #
18) B Endrin al...	6.701	5.983	6190198	32834201	3.783m	21.143 #
19) B Endosulfa...	6.894f	6.214	32592606	31974502	15.639m	16.433m
20) A Methoxychlor	7.263	6.497	4687325	2549816	4.353m	2.560m#
21) B Endrin ke...	7.395	6.720	5390407	22034033	2.573m	10.311m#
22) Mirex	7.861	6.866f	4210669	3494156	2.458	1.820m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
Data File : PL082192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2023 14:44
Operator : AR\AJ
Sample : 02386-07MSD 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

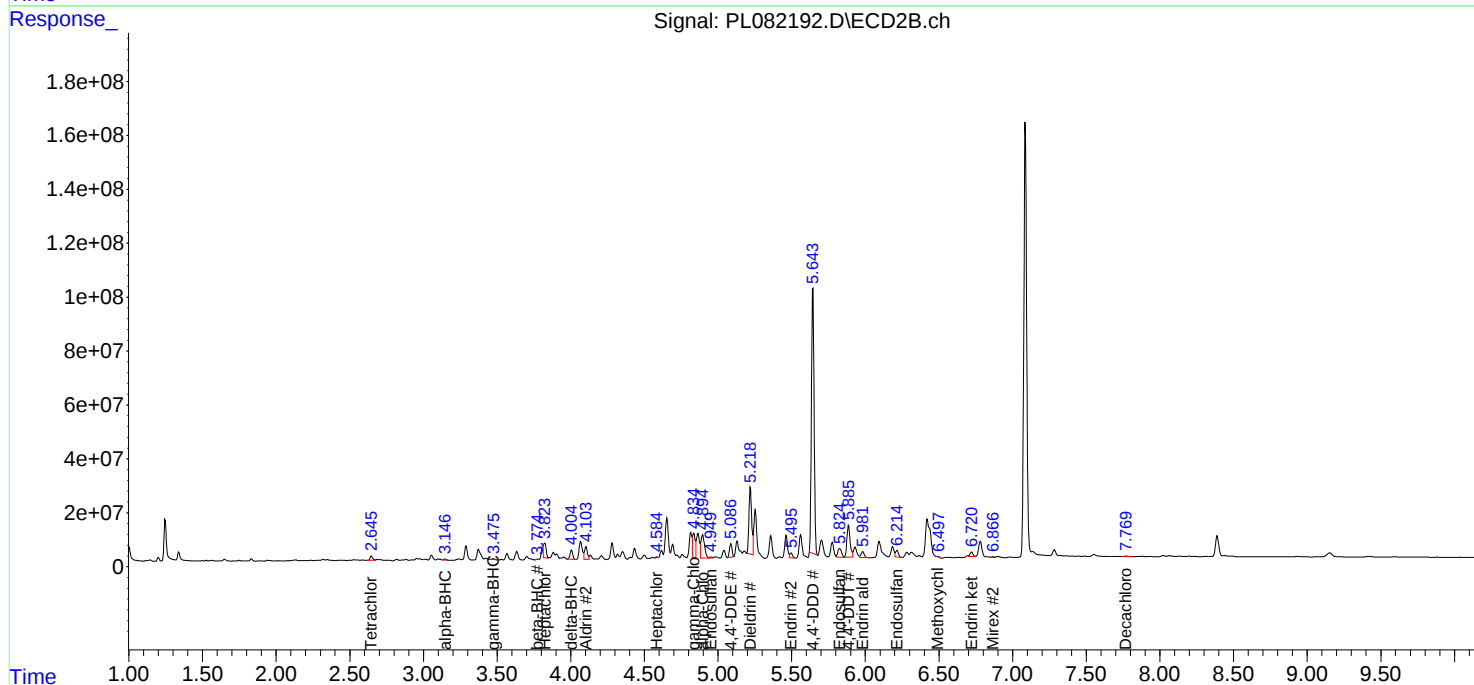
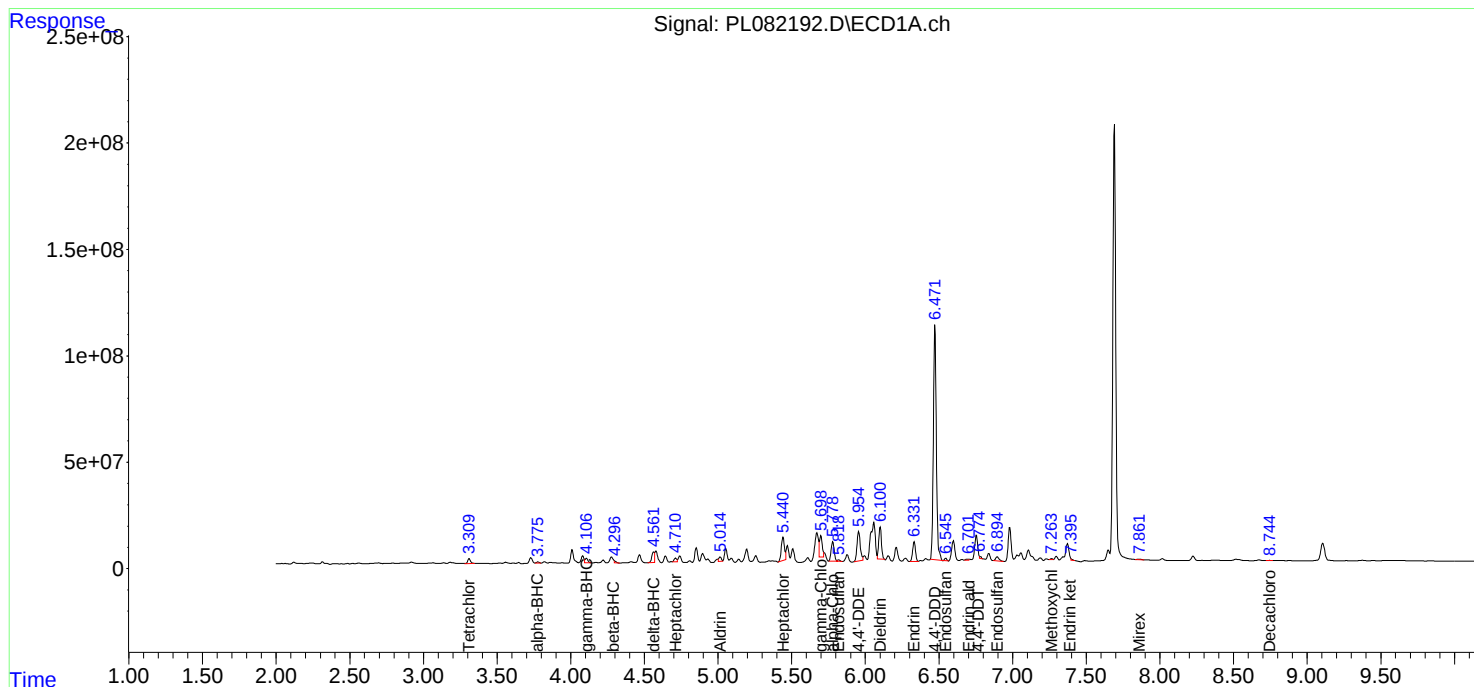
Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MSD

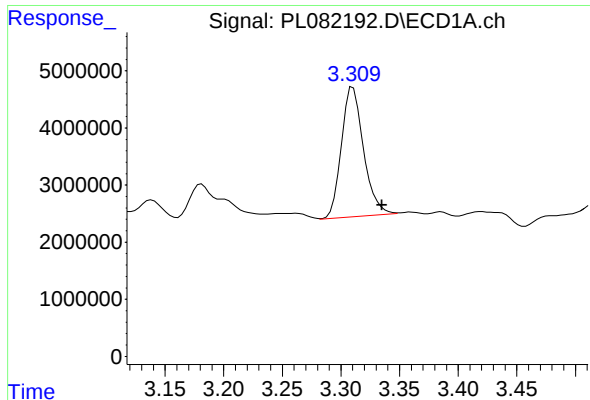
Manual Integrations
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Reviewed By :Abdul Mirza 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 22:06:12 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





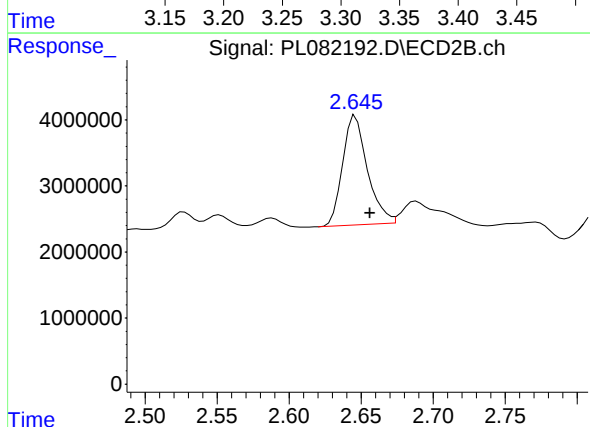
#1 Tetrachloro-m-xylene

R.T.: 3.309 min
Delta R.T.: -0.026 min
Response: 29898484
Conc: 12.85 ng/ml

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

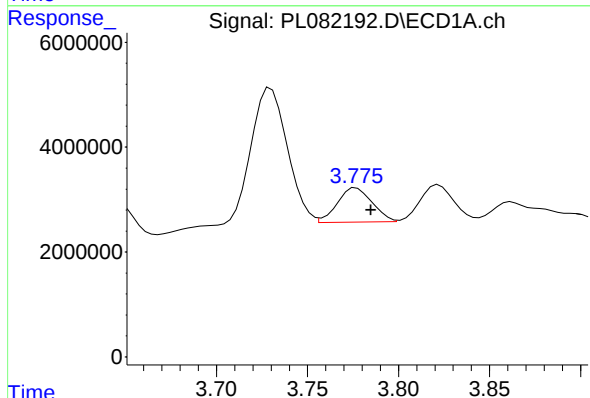
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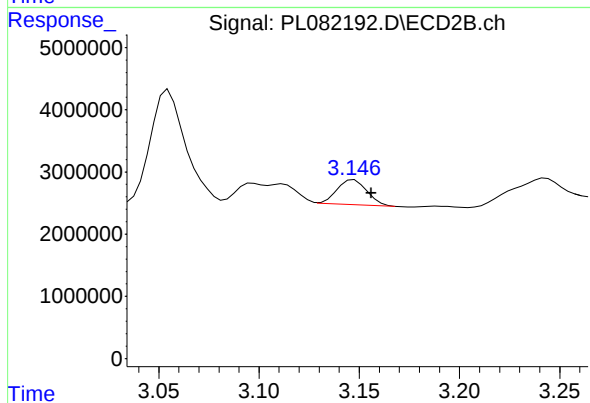
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.010 min
Response: 19760349
Conc: 9.90 ng/ml



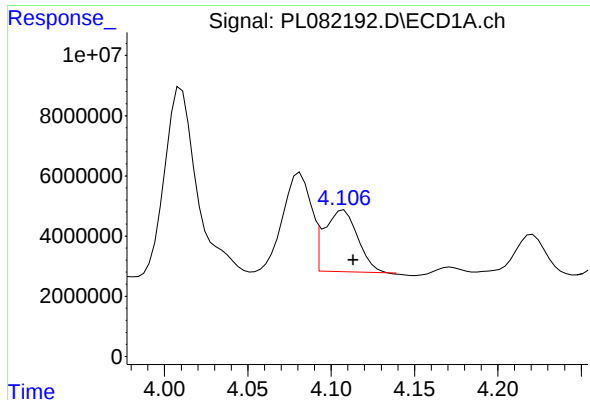
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 8732224
Conc: 2.55 ng/ml m



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: -0.010 min
Response: 4201475
Conc: 1.44 ng/ml m



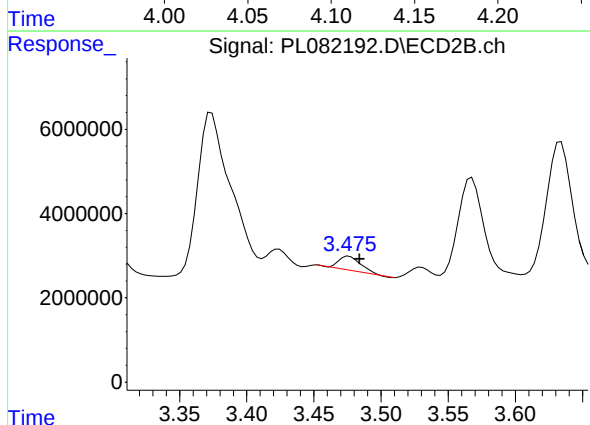
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 27782814
Conc: 8.75 ng/ml

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

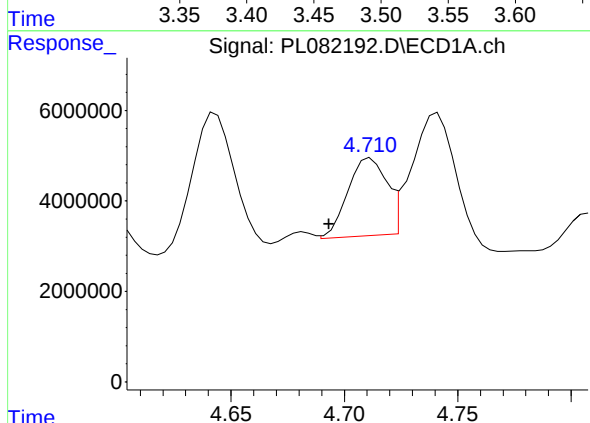
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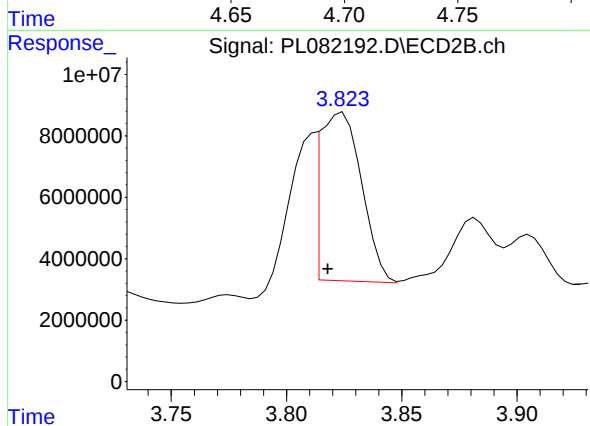
#3 gamma-BHC (Lindane)

R.T.: 3.476 min
Delta R.T.: -0.008 min
Response: 3808584
Conc: 1.37 ng/ml



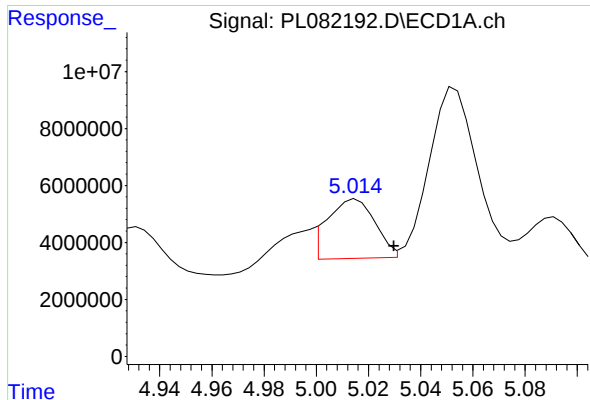
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: 0.017 min
Response: 19639983
Conc: 6.23 ng/ml m



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.005 min
Response: 64269708
Conc: 22.42 ng/ml m



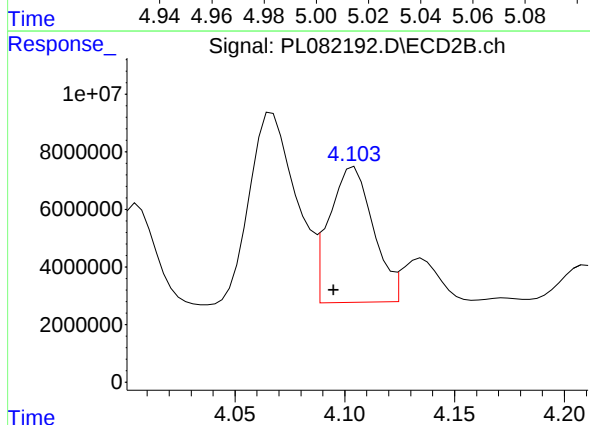
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.016 min
Response: 25901805
Conc: 9.06 ng/ml

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

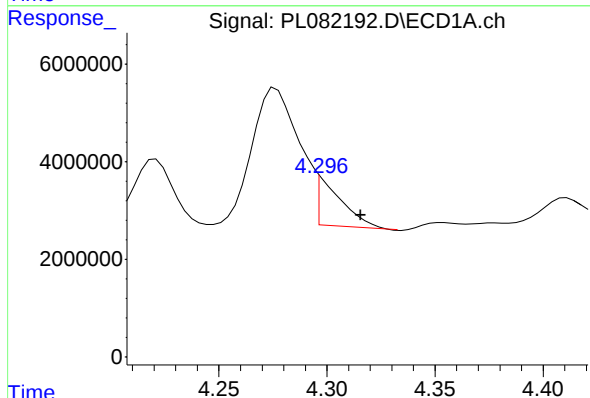
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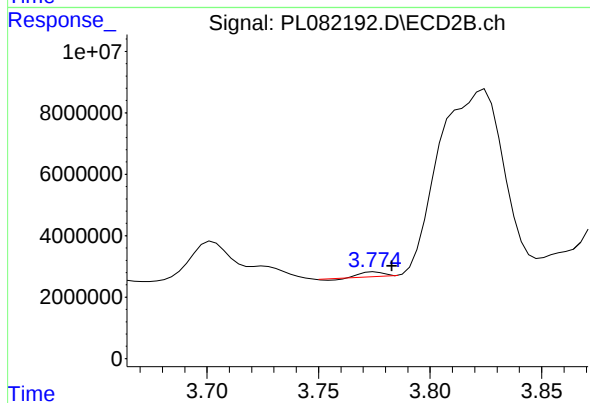
#5 Aldrin

R.T.: 4.104 min
Delta R.T.: 0.009 min
Response: 65296956
Conc: 24.51 ng/ml



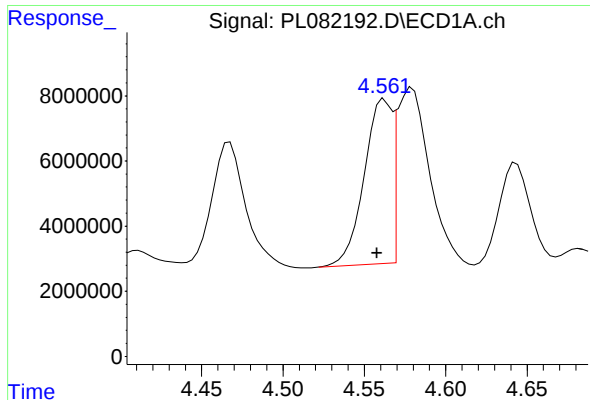
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.019 min
Response: 7252835
Conc: 4.82 ng/ml m



#6 beta-BHC

R.T.: 3.775 min
Delta R.T.: -0.008 min
Response: 947296
Conc: 0.80 ng/ml



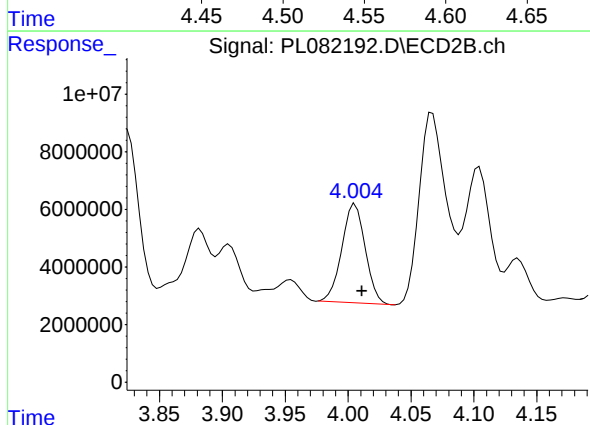
#7 delta-BHC

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 59812698
Conc: 19.68 ng/ml

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

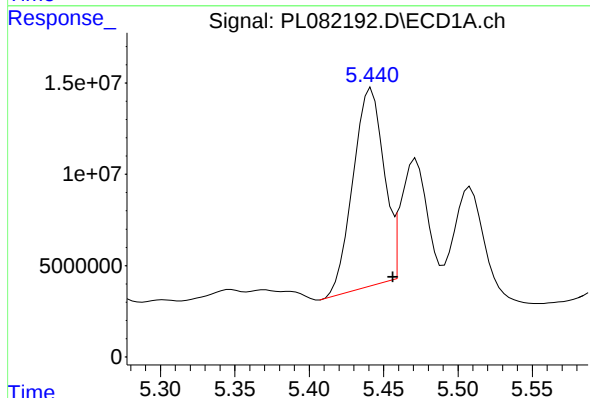
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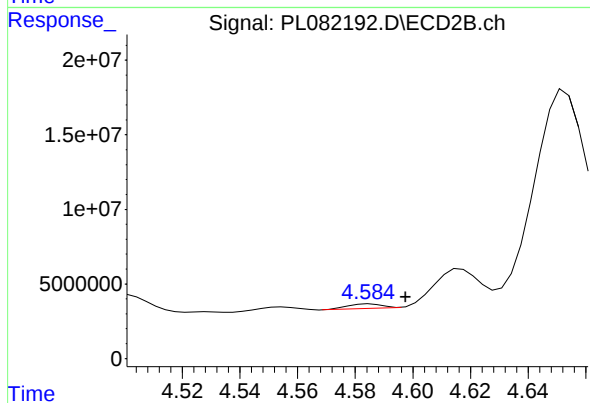
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 44432674
Conc: 17.18 ng/ml



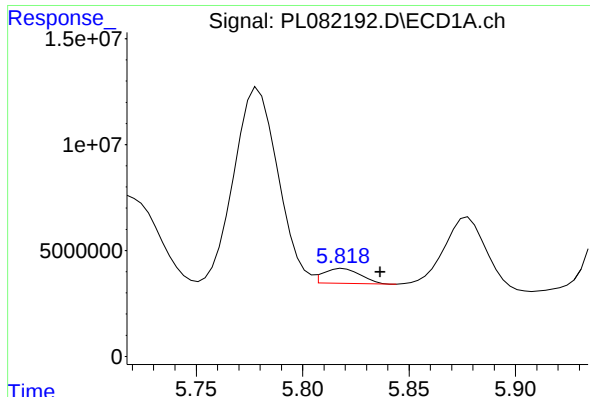
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: -0.014 min
Response: 155532749
Conc: 57.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.585 min
Delta R.T.: -0.013 min
Response: 2483387
Conc: 1.02 ng/ml



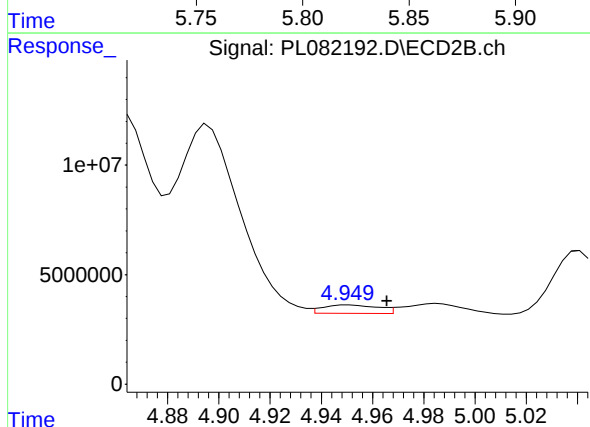
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.017 min
Response: 8585471
Conc: 3.47 ng/ml

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

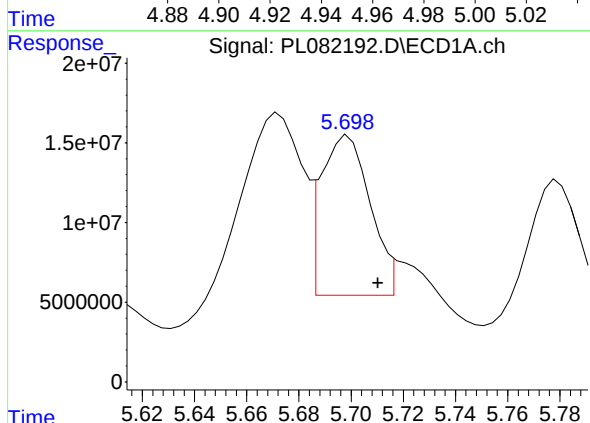
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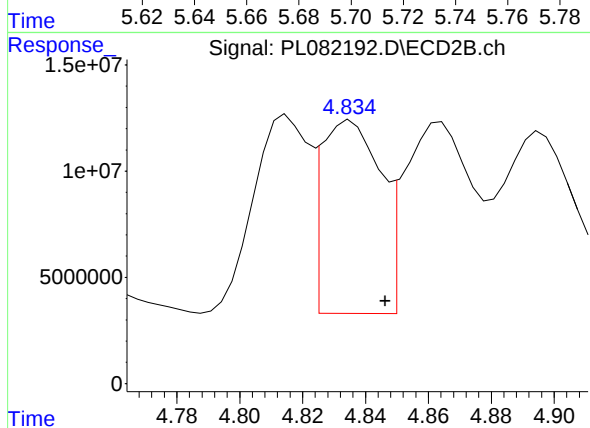
#9 Endosulfan I

R.T.: 4.951 min
Delta R.T.: -0.015 min
Response: 5781342
Conc: 2.62 ng/ml



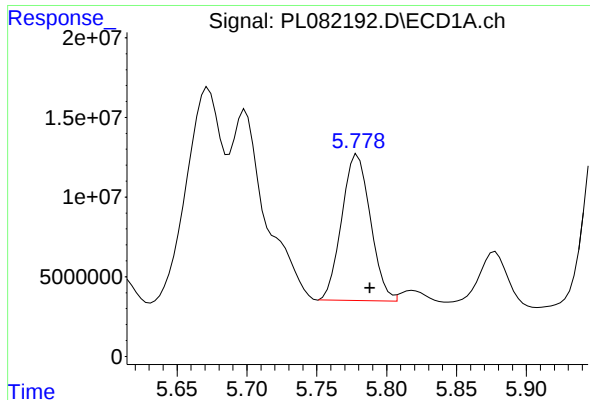
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: -0.013 min
Response: 125426635
Conc: 47.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.835 min
Delta R.T.: -0.011 min
Response: 118733039
Conc: 48.85 ng/ml



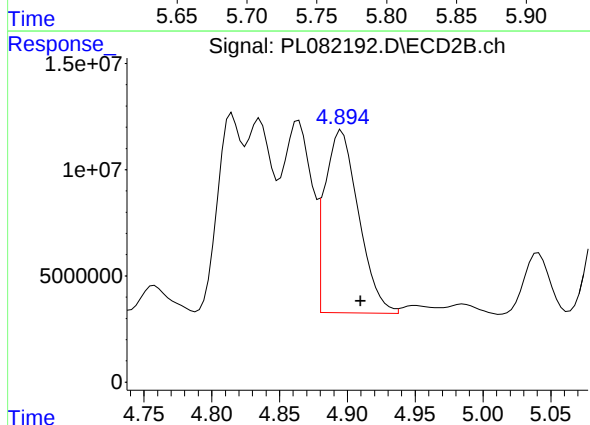
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 130937350
Conc: 50.59 ng/ml

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

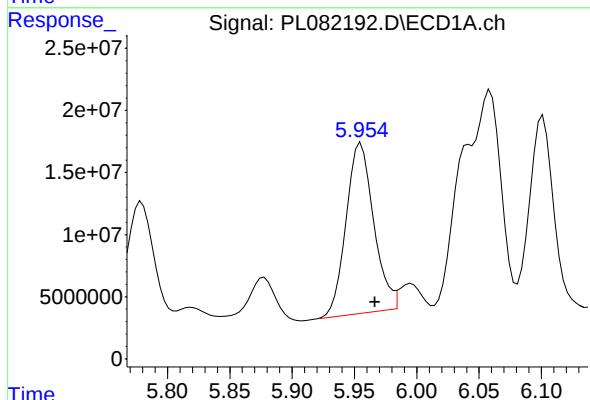
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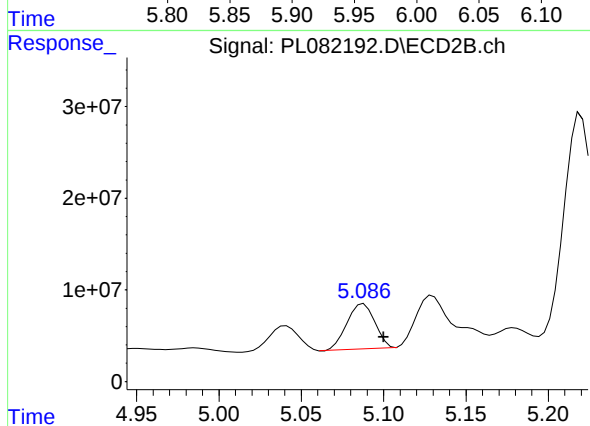
#11 alpha-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 148680849
Conc: 61.21 ng/ml



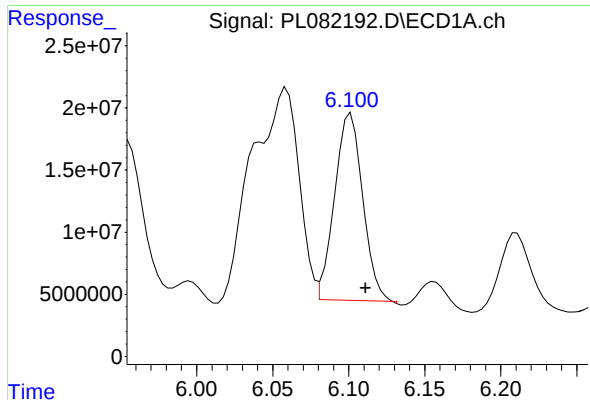
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 211355677
Conc: 93.78 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min
Delta R.T.: -0.012 min
Response: 57751785
Conc: 29.32 ng/ml



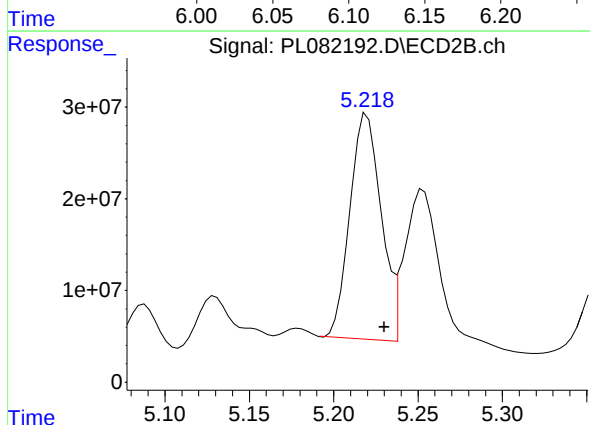
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 192189881
Conc: 79.39 ng/ml

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

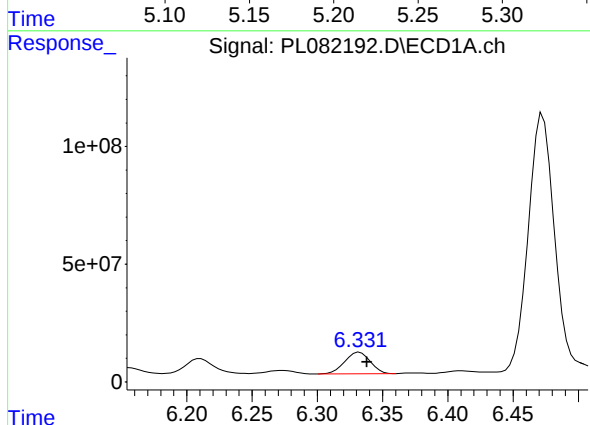
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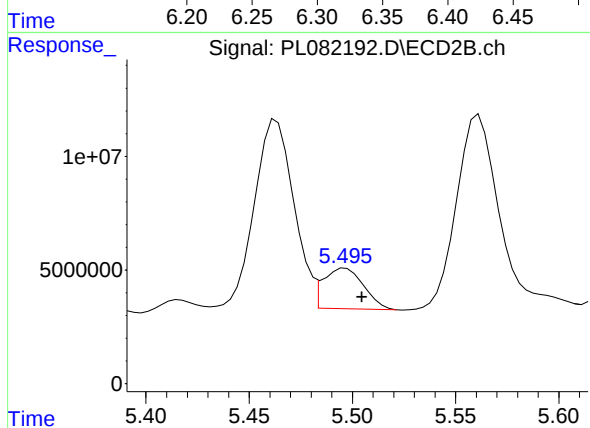
#13 Dieldrin

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 317335138
Conc: 141.07 ng/ml



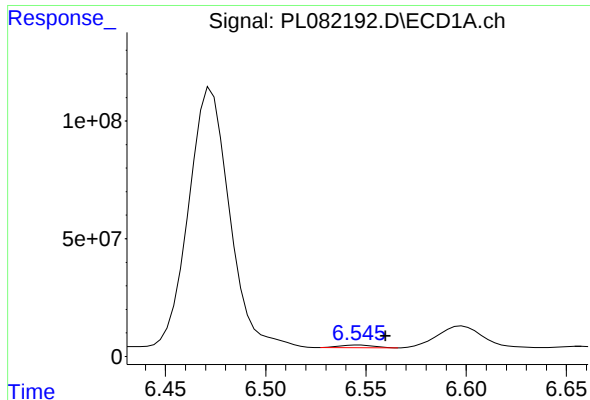
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 126480412
Conc: 59.80 ng/ml



#14 Endrin

R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 23331267
Conc: 11.53 ng/ml m



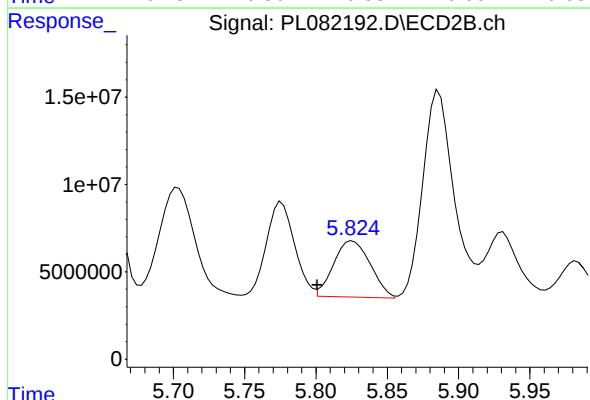
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: -0.013 min
Response: 13498561
Conc: 6.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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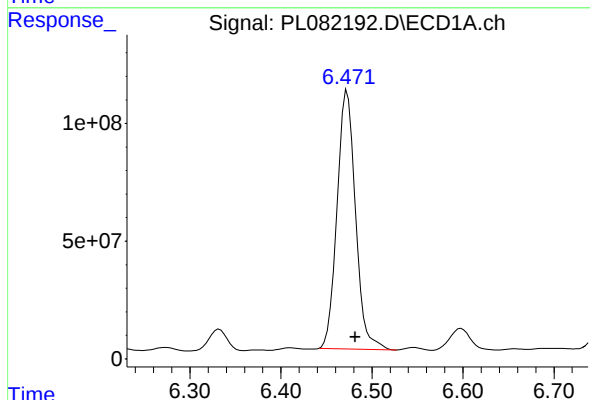
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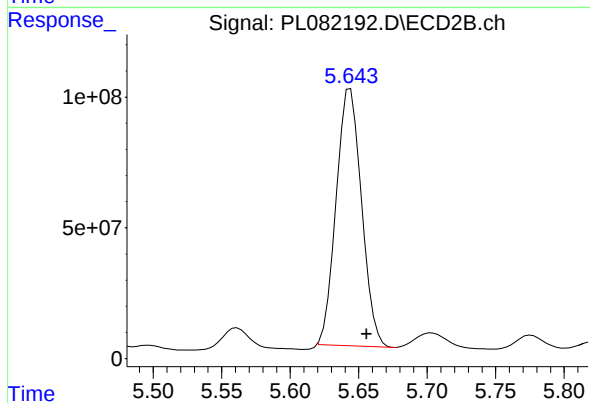
#15 Endosulfan II

R.T.: 5.824 min
Delta R.T.: 0.023 min
Response: 57297762
Conc: 31.59 ng/ml m



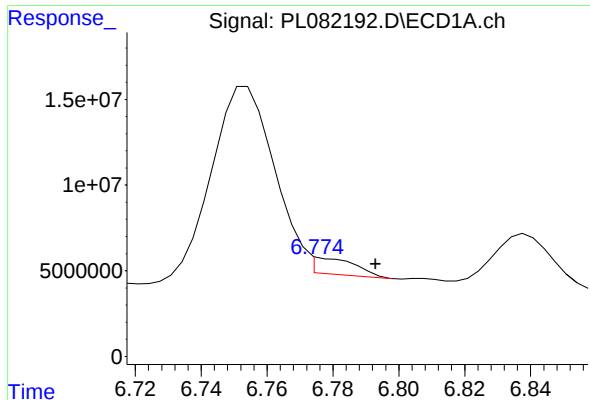
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 1551044551
Conc: 860.03 ng/ml



#16 4,4'-DDD

R.T.: 5.644 min
Delta R.T.: -0.012 min
Response: 1266437991
Conc: 834.54 ng/ml



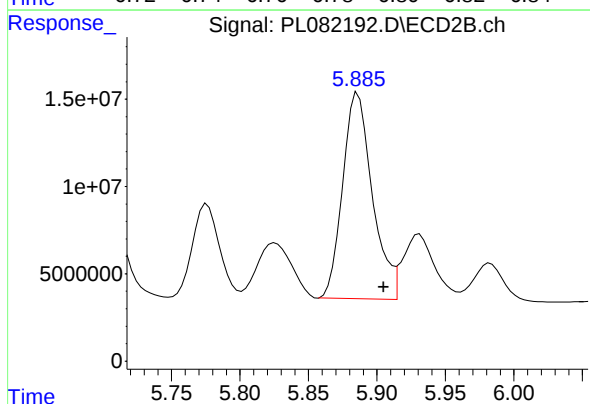
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.019 min
Response: 8097269
Conc: 3.99 ng/ml

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

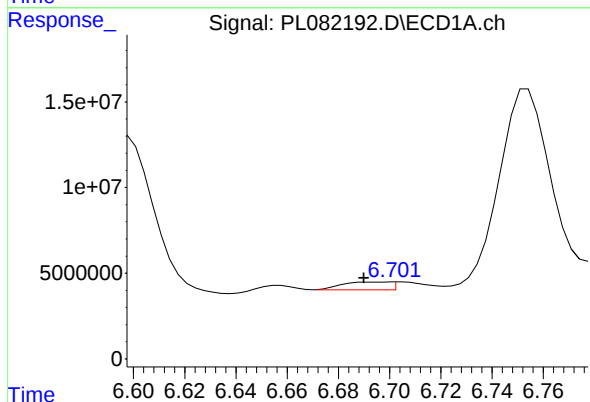
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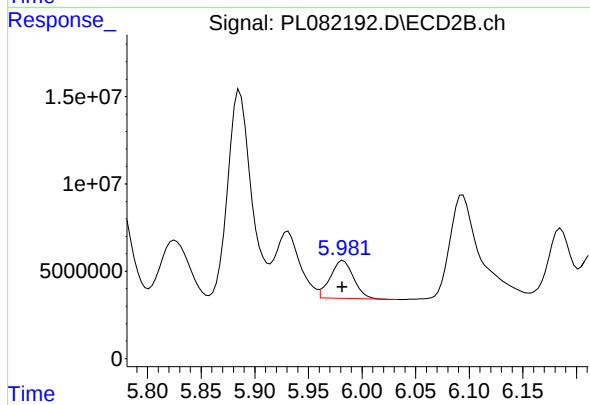
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.019 min
Response: 177846888
Conc: 103.20 ng/ml



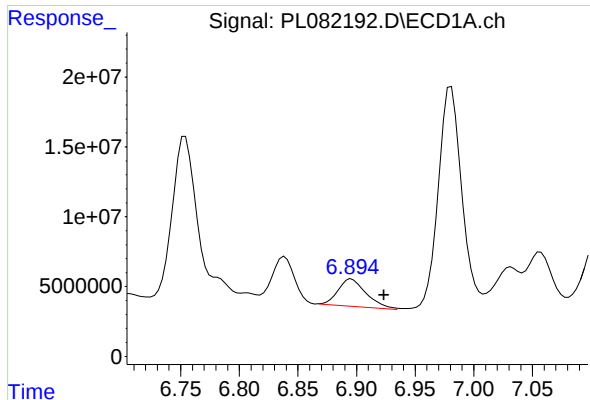
#18 Endrin aldehyde

R.T.: 6.701 min
Delta R.T.: 0.011 min
Response: 6190198
Conc: 3.78 ng/ml m



#18 Endrin aldehyde

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 32834201
Conc: 21.14 ng/ml



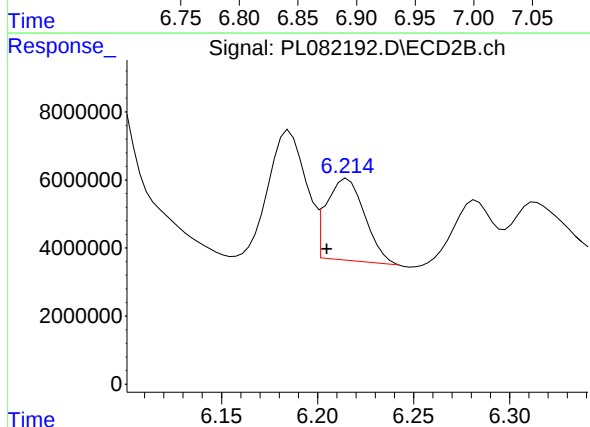
#19 Endosulfan Sulfate

R.T.: 6.894 min
Delta R.T.: -0.029 min
Response: 32592606
Conc: 15.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
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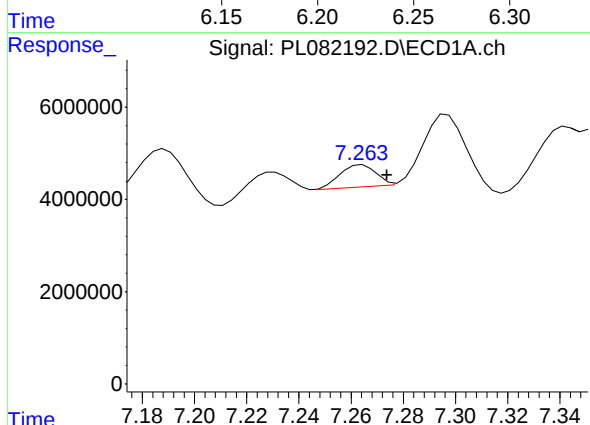
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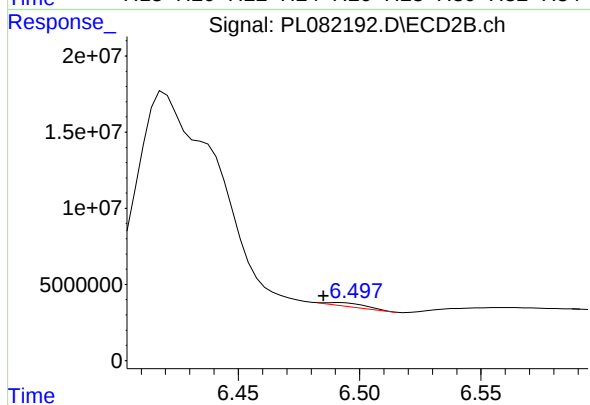
#19 Endosulfan Sulfate

R.T.: 6.214 min
Delta R.T.: 0.009 min
Response: 31974502
Conc: 16.43 ng/ml



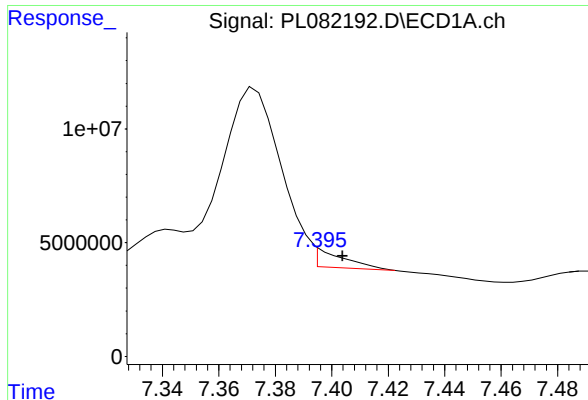
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 4687325
Conc: 4.35 ng/ml



#20 Methoxychlor

R.T.: 6.497 min
Delta R.T.: 0.012 min
Response: 2549816
Conc: 2.56 ng/ml



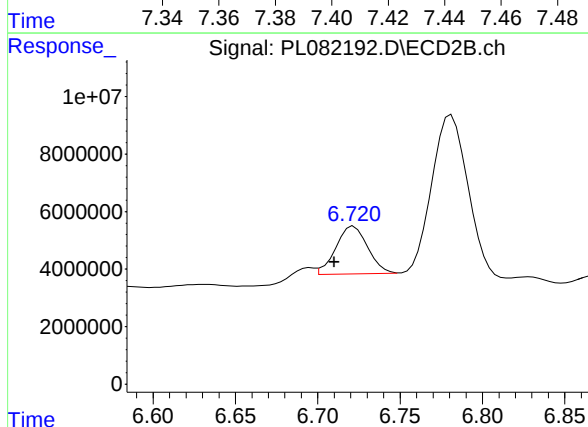
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 5390407
Conc: 2.57 ng/ml

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

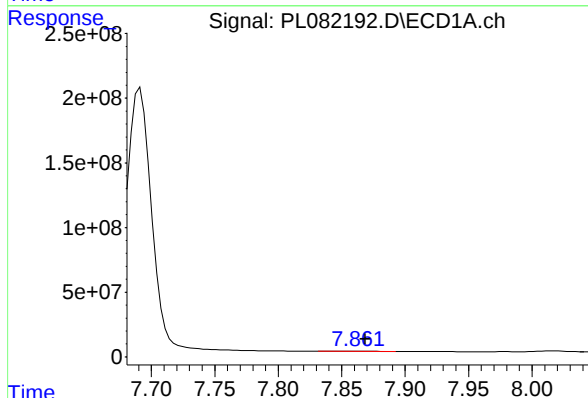
Manual Integrations
APPROVED

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



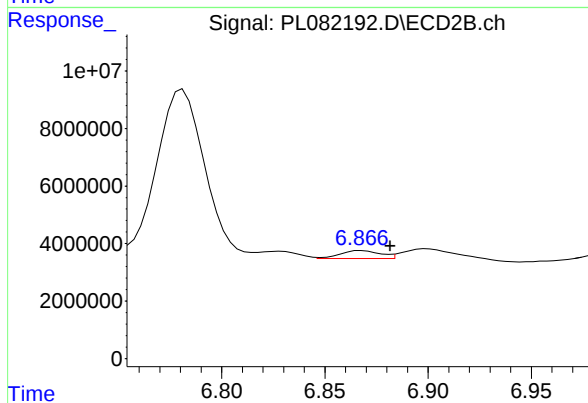
#21 Endrin ketone

R.T.: 6.720 min
Delta R.T.: 0.010 min
Response: 22034033
Conc: 10.31 ng/ml m



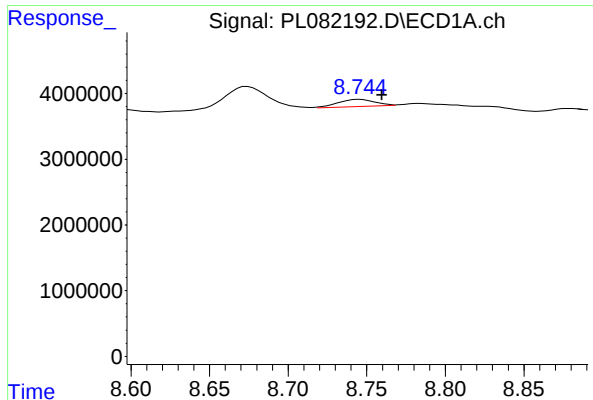
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 4210669
Conc: 2.46 ng/ml



#22 Mirex

R.T.: 6.866 min
Delta R.T.: -0.015 min
Response: 3494156
Conc: 1.82 ng/ml m



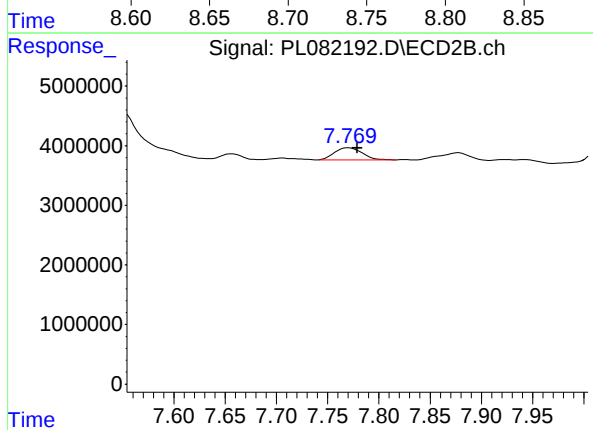
#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: -0.016 min
Response: 1869740
Conc: 1.04 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.008 min
Response: 3794115
Conc: 1.91 ng/ml