

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 12:16
 Operator : AR\AJ
 Sample : 02386-07MSD 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2023
 Supervised By : Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:27:46 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...	3.309	2.644	26856325	17900233	10.054	7.726
28) SA Decachlor...	8.745	7.771	1594246	3025227	0.835m	1.325 #
Target Compounds						
2) A alpha-BHC	3.774	3.144	8281020	4169042	2.081m	1.225m#
3) MA gamma-BHC...	4.105	3.473	22844118	7157058	6.110m	2.226m#
4) MA Heptachlor	4.680	3.813	3956027	53174101	1.083m	15.533m#
5) MB Aldrin	5.014	4.066f	25009660	92958085	7.584m	29.512 #
6) B beta-BHC	4.289	3.773	13026008	2664149	7.638m	1.953m#
7) B delta-BHC	4.560f	4.004	52775022	41177396	14.669m	13.424
8) B Heptachlo...	5.441	4.584	136.8E6	2268397	44.832	0.787 #
9) A Endosulfan I	5.819	4.950	8240766	5161829	2.972	1.934 #
10) B gamma-Chl...	5.698	4.834	202.5E6	108.1E6	67.356	37.241 #
11) B alpha-Chl...	5.779	4.895	125.9E6	138.2E6	42.168	47.619
12) B 4,4'-DDE	5.954	5.086	189.8E6	60757087	74.683	26.428m#
13) MA Dieldrin	6.100	5.217	167.3E6	273.0E6	60.621m	101.082m#
14) MA Endrin	6.330	5.495	115.8E6	20654777	47.748m	8.444m#
15) B Endosulfa...	6.546	5.774	12418957	66749036	5.101	29.612m#
16) A 4,4'-DDD	6.472	5.643	1393.6E6	1175.1E6	687.455	628.238
17) MA 4,4'-DDT	6.772	5.885	12989687	161.9E6	5.678m	76.646 #
18) B Endrin al...	6.691f	5.982f	5847536	28910262	3.104m	15.449 #
19) B Endosulfa...	6.896	6.185	28557110	53588775	12.042	22.762 #
20) A Methoxychlor	7.264	6.459	5486917	5013041	4.496m	4.137m
21) B Endrin ke...	7.372f	6.696	80999008	5709699	33.828m	2.250m#
22) Mirex	7.849	6.866	6187387	2341683	3.163m	1.016m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
Data File : PL082284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2023 12:16
Operator : AR\AJ
Sample : 02386-07MSD 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

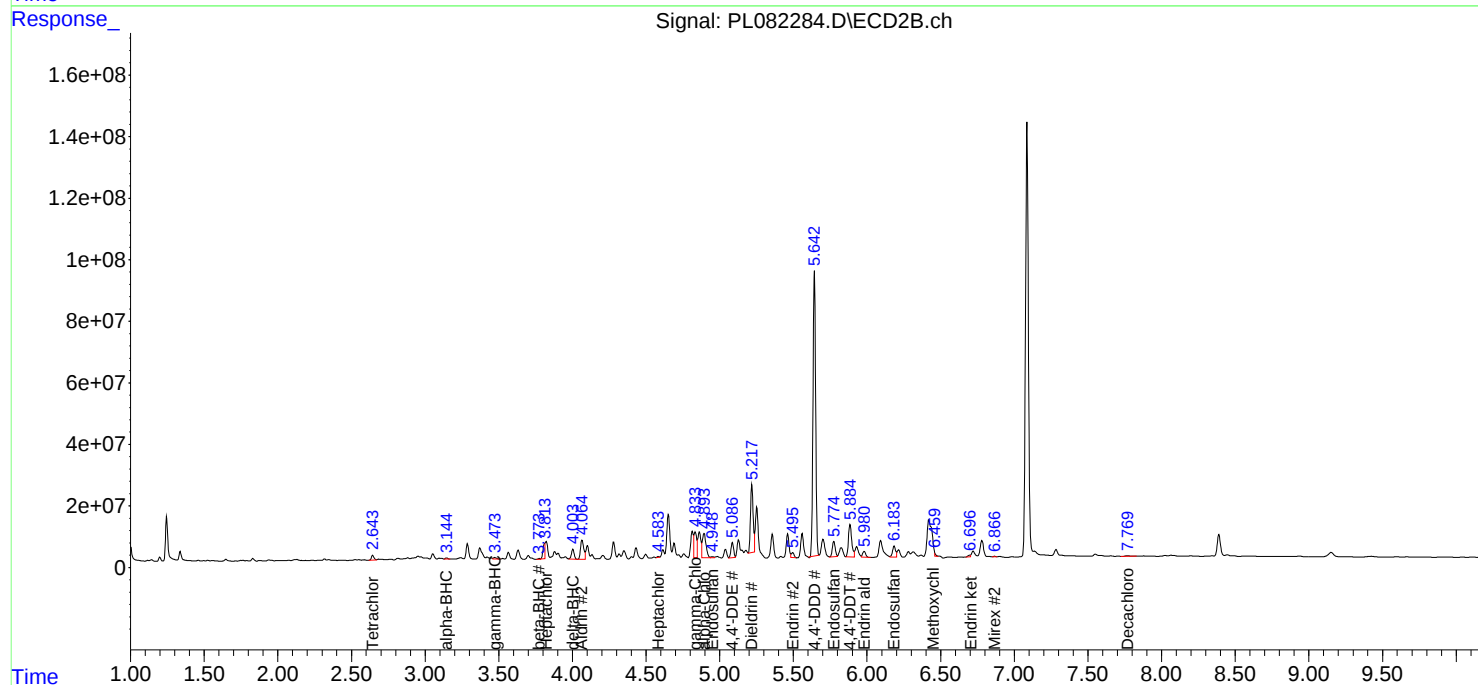
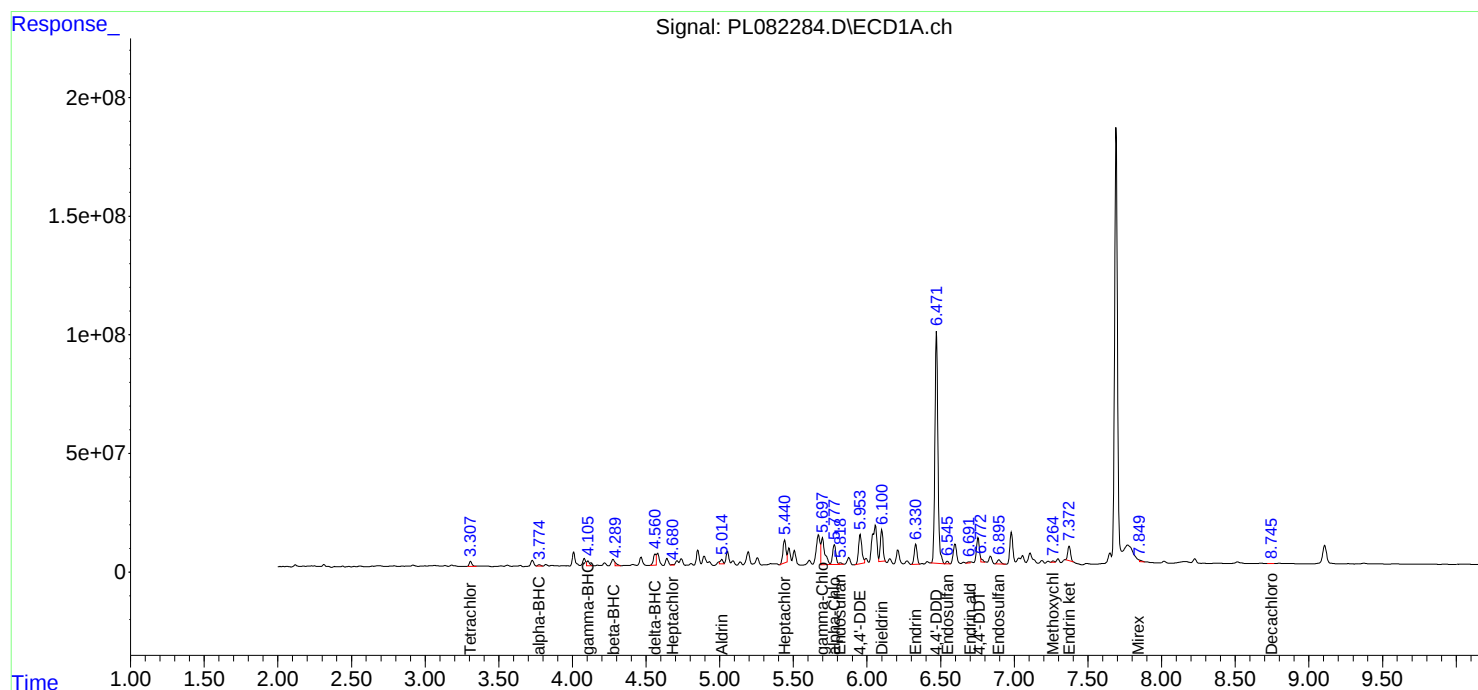
Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04

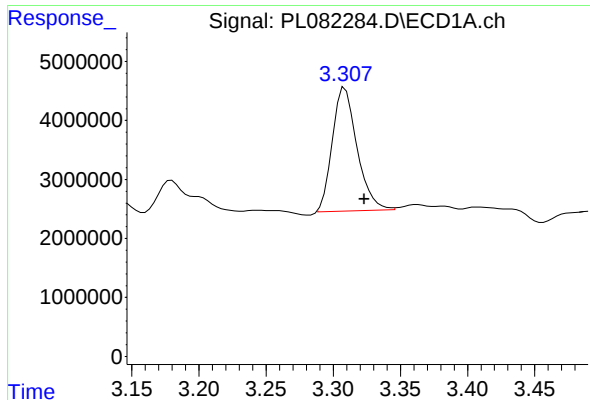
Manual Integrations
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Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 22:27:46 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





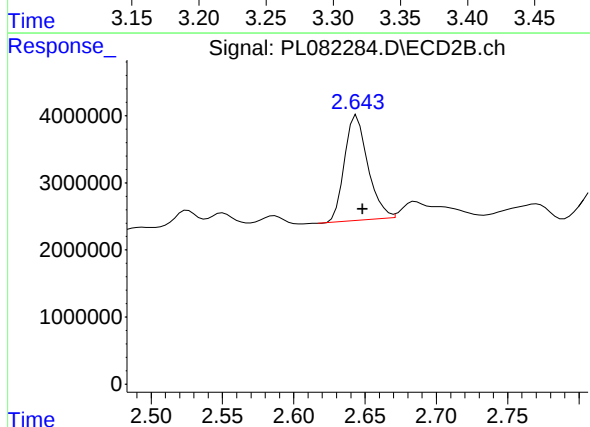
#1 Tetrachloro-m-xylene

R.T.: 3.309 min
Delta R.T.: -0.014 min
Response: 26856325
Conc: 10.05 ng/ml

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

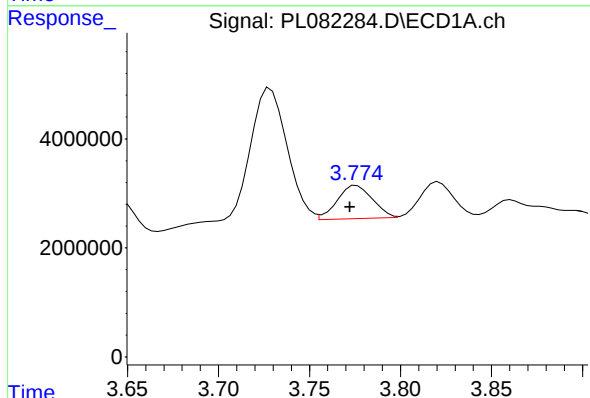
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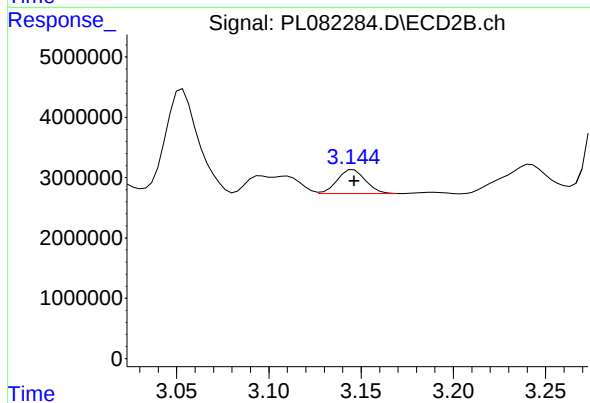
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: -0.004 min
Response: 17900233
Conc: 7.73 ng/ml



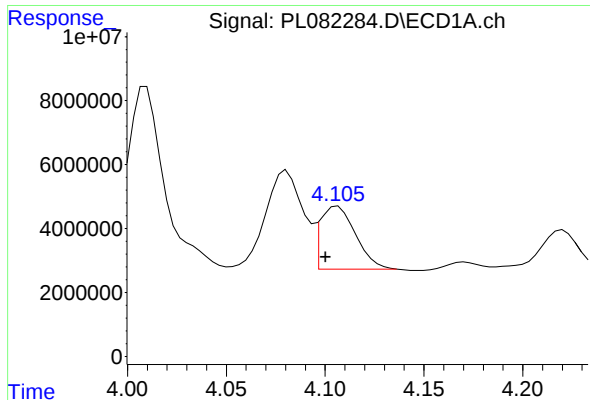
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 8281020
Conc: 2.08 ng/ml m



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 4169042
Conc: 1.22 ng/ml m



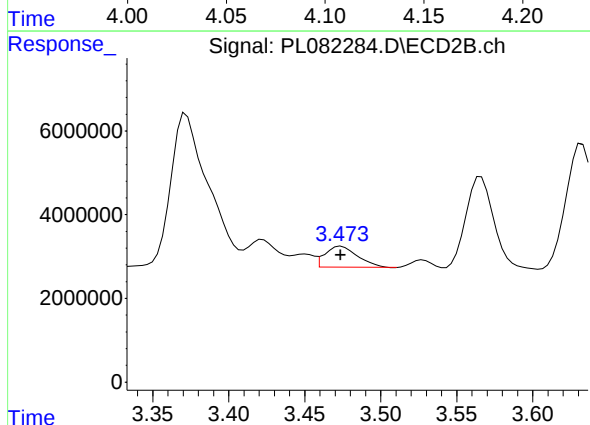
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: 0.005 min
Response: 22844118
Conc: 6.11 ng/ml

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

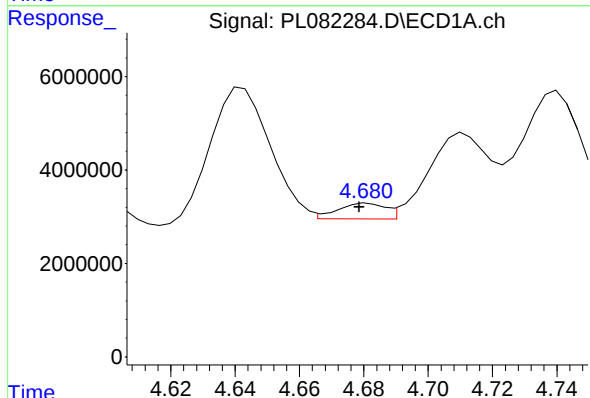
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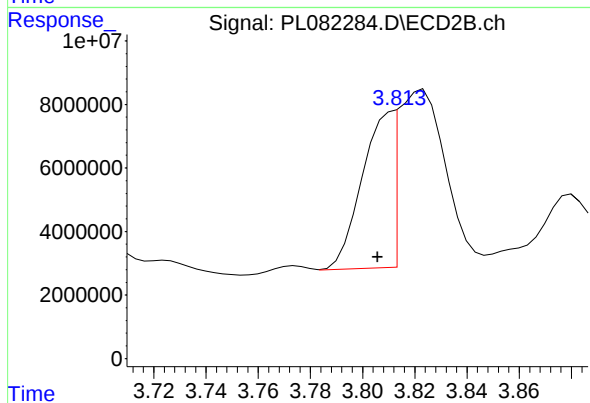
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 7157058
Conc: 2.23 ng/ml



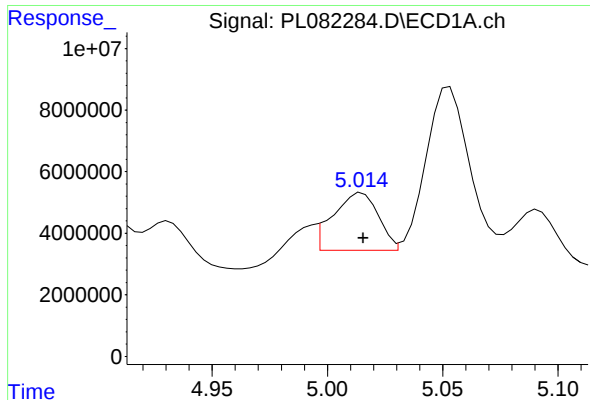
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.001 min
Response: 3956027
Conc: 1.08 ng/ml



#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: 0.007 min
Response: 53174101
Conc: 15.53 ng/ml



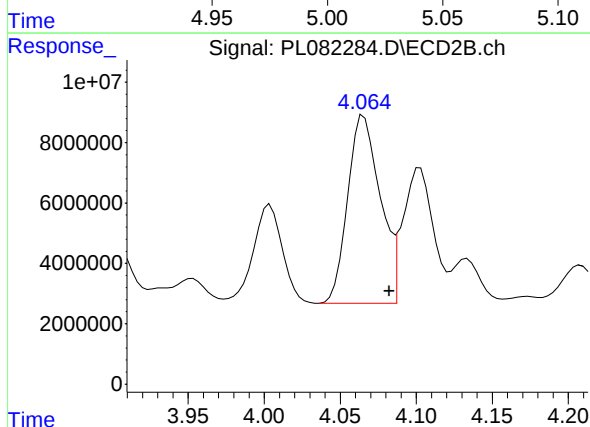
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 25009660
Conc: 7.58 ng/ml

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

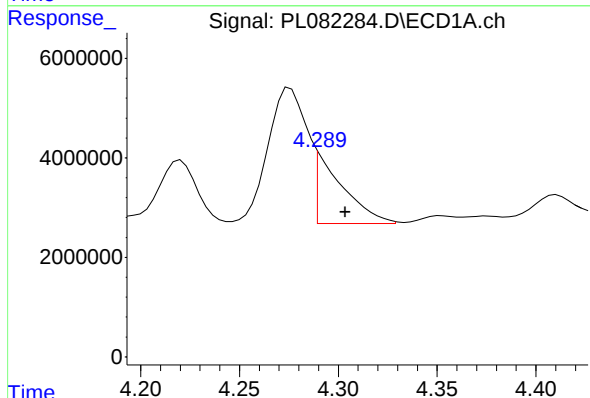
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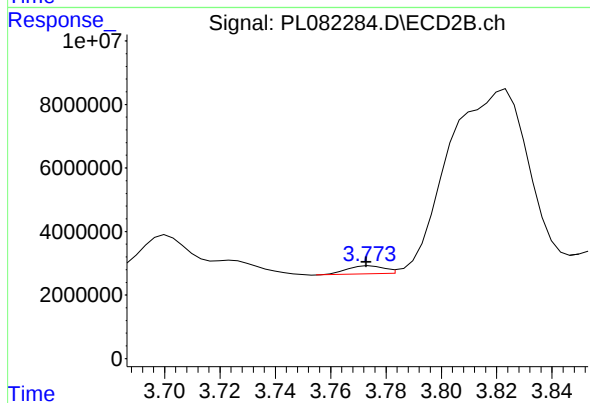
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.017 min
Response: 92958085
Conc: 29.51 ng/ml



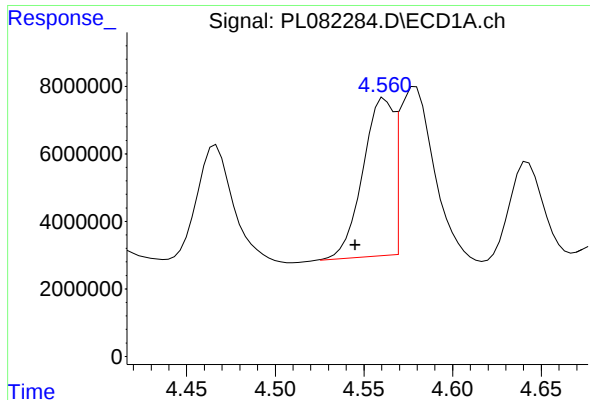
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: -0.014 min
Response: 13026008
Conc: 7.64 ng/ml m



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 2664149
Conc: 1.95 ng/ml m



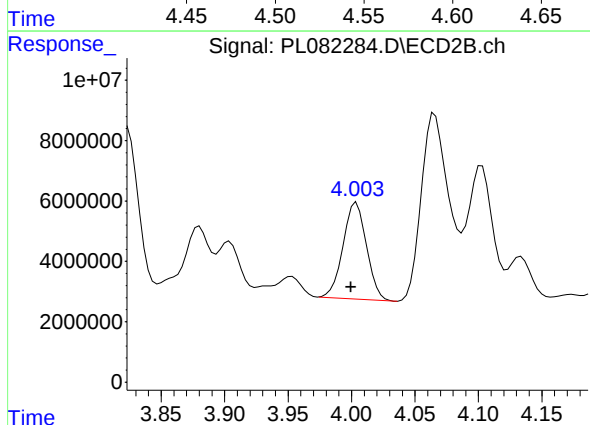
#7 delta-BHC

R.T.: 4.560 min
Delta R.T.: 0.015 min
Response: 52775022
Conc: 14.67 ng/ml

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

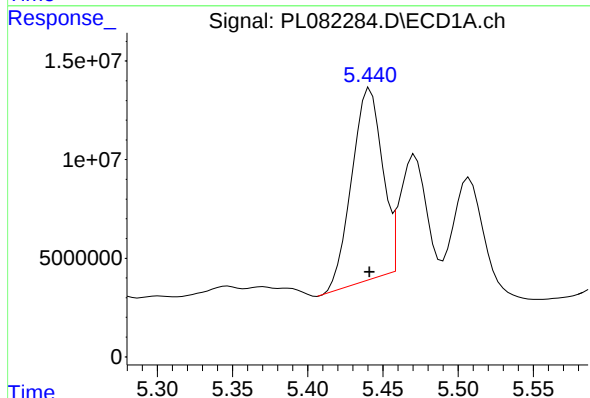
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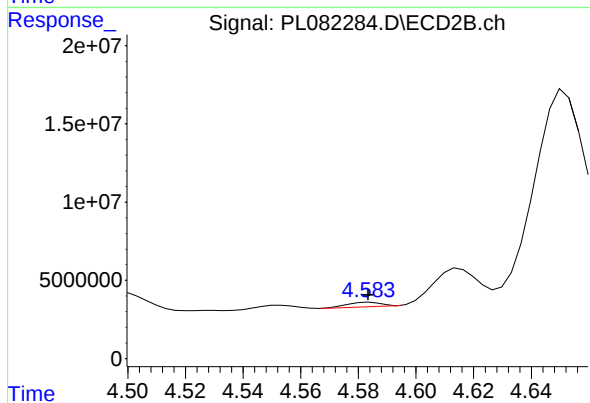
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: 0.004 min
Response: 41177396
Conc: 13.42 ng/ml



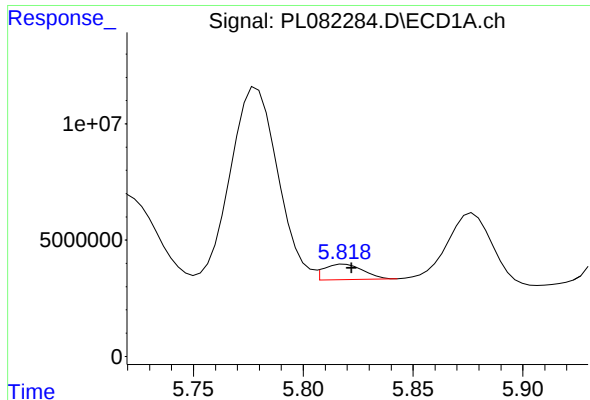
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 136754627
Conc: 44.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 2268397
Conc: 0.79 ng/ml



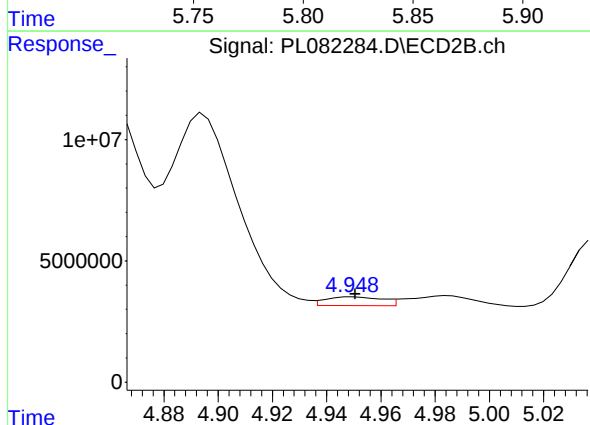
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 8240766
Conc: 2.97 ng/ml

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

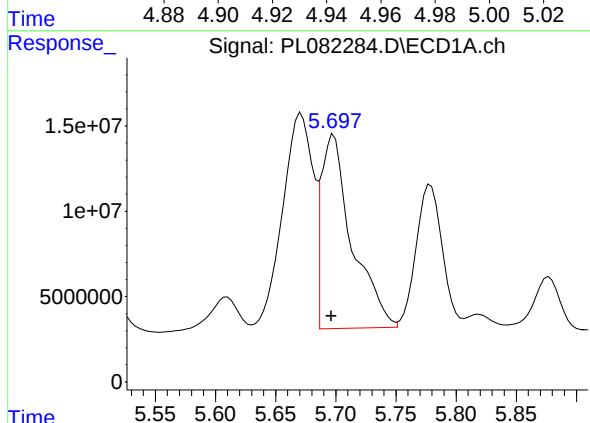
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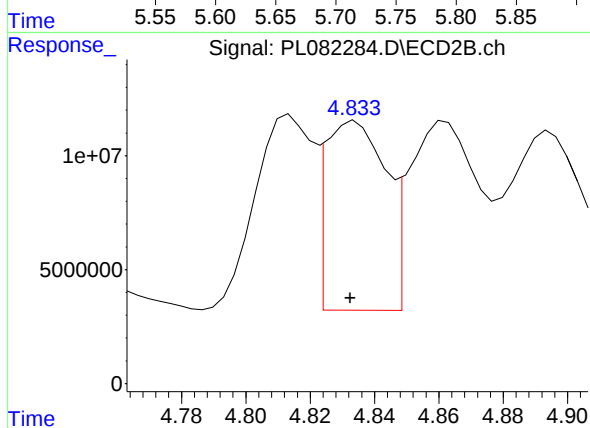
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 5161829
Conc: 1.93 ng/ml



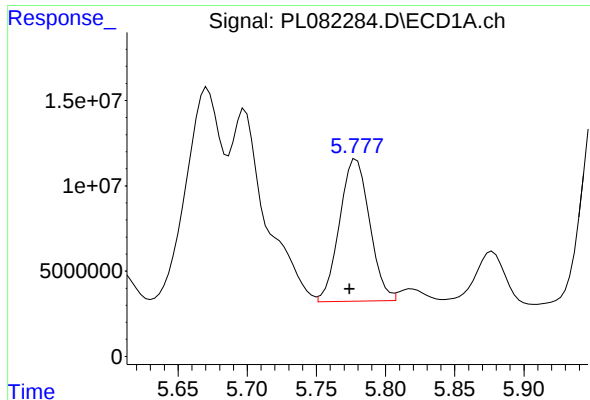
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 202531547
Conc: 67.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.834 min
Delta R.T.: 0.002 min
Response: 108067613
Conc: 37.24 ng/ml



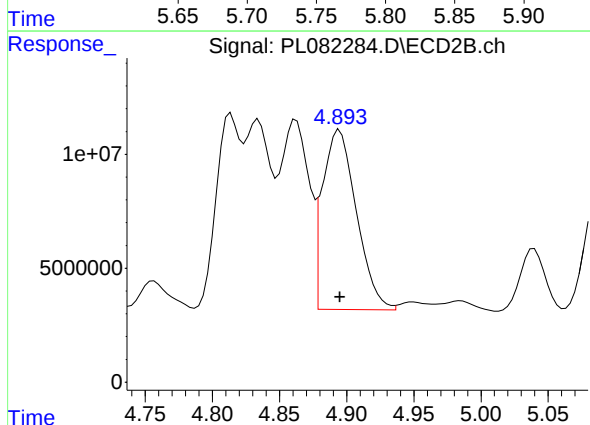
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: 0.005 min
Response: 125854607
Conc: 42.17 ng/ml

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

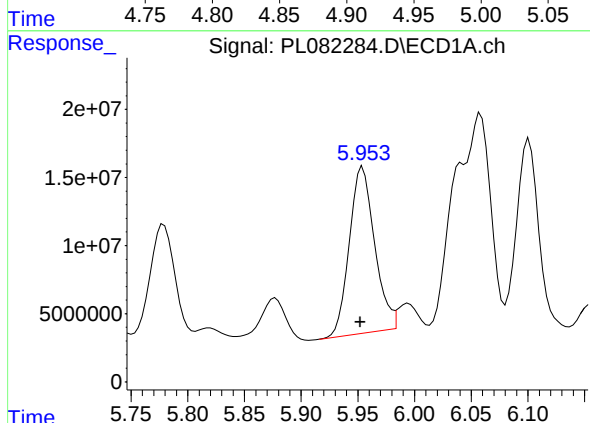
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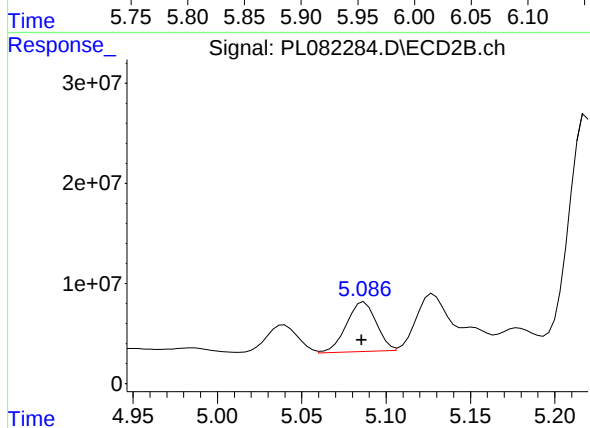
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 138231390
Conc: 47.62 ng/ml



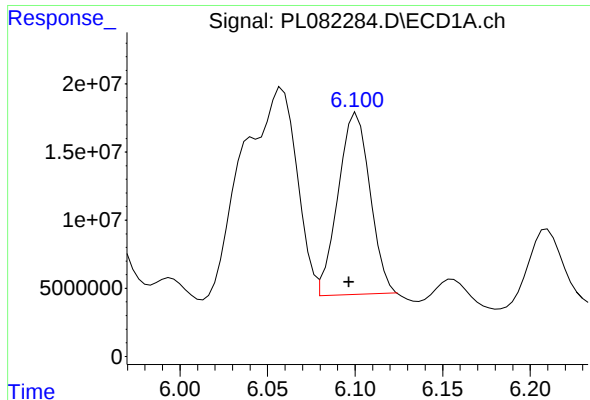
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 189845723
Conc: 74.68 ng/ml



#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 60757087
Conc: 26.43 ng/ml m



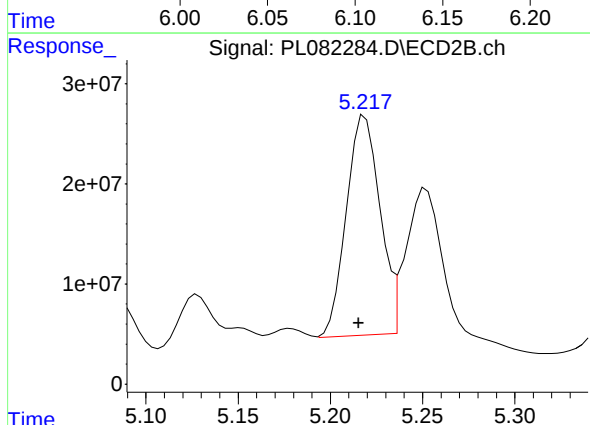
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: 0.003 min
Response: 167261739
Conc: 60.62 ng/ml

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

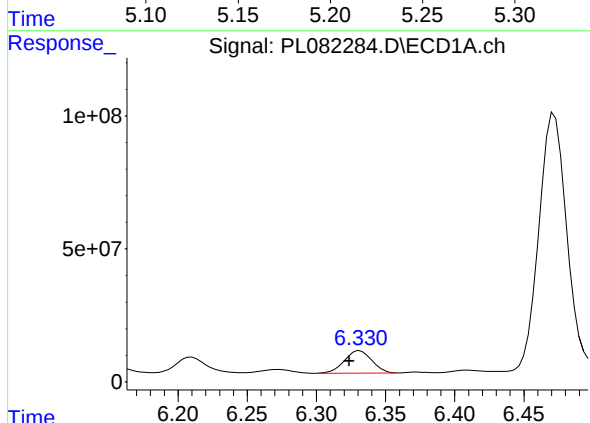
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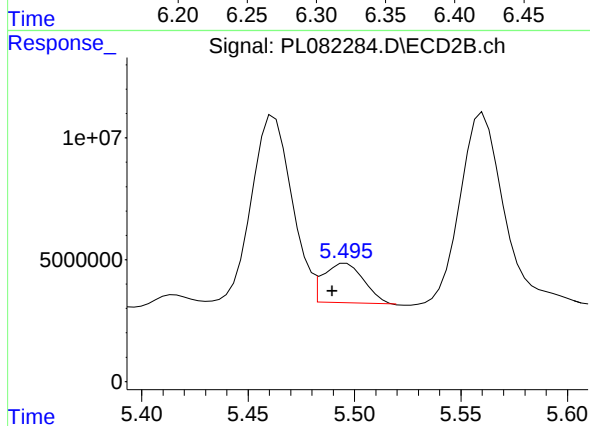
#13 Dieldrin

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 272960188
Conc: 101.08 ng/ml



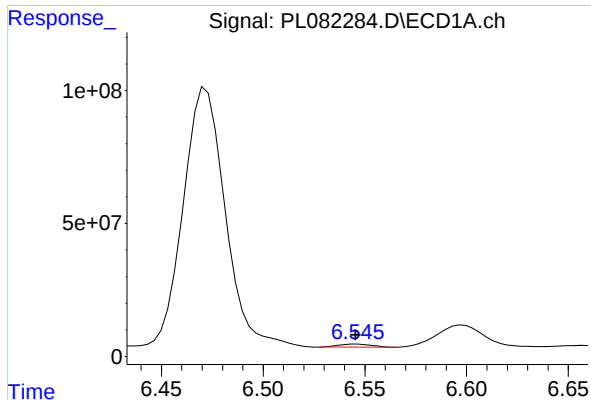
#14 Endrin

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 115768757
Conc: 47.75 ng/ml



#14 Endrin

R.T.: 5.495 min
Delta R.T.: 0.005 min
Response: 20654777
Conc: 8.44 ng/ml



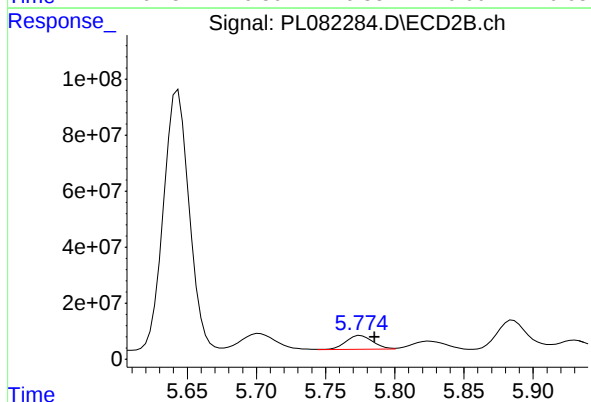
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 12418957
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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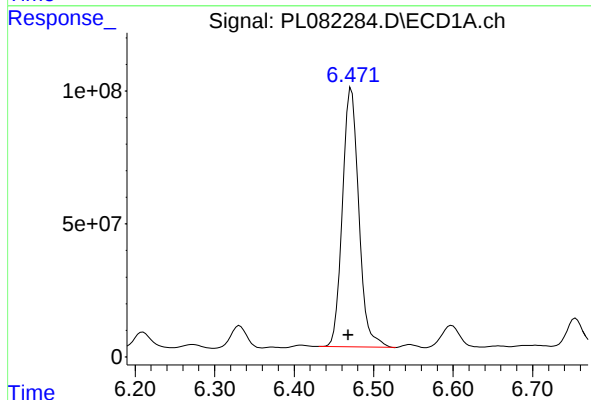
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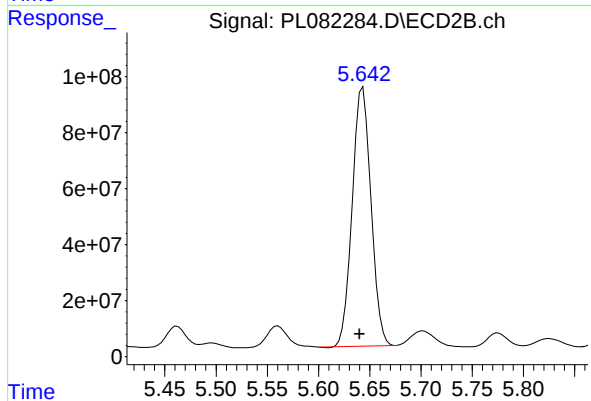
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: -0.012 min
Response: 66749036
Conc: 29.61 ng/ml m



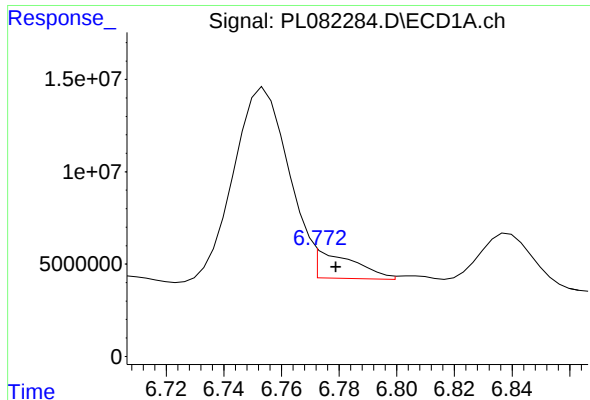
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 1393606842
Conc: 687.45 ng/ml



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 1175056362
Conc: 628.24 ng/ml



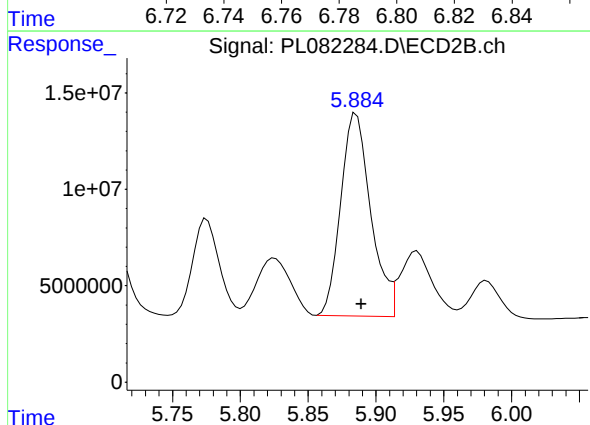
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.007 min
Response: 12989687
Conc: 5.68 ng/ml

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

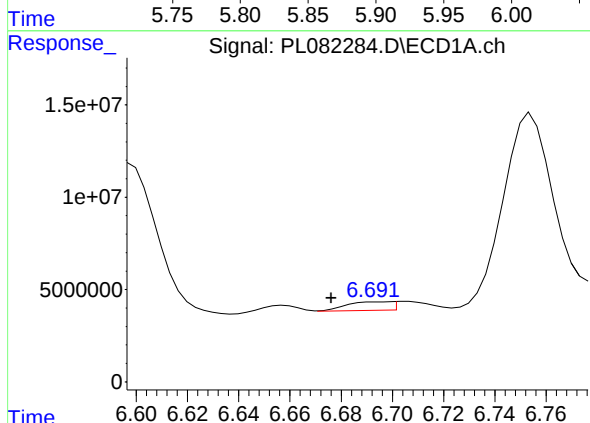
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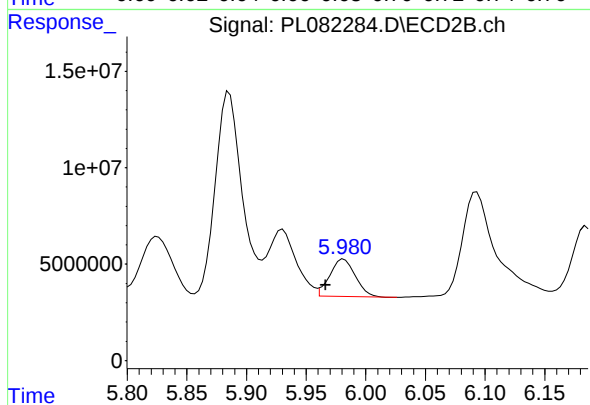
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 161921273
Conc: 76.65 ng/ml



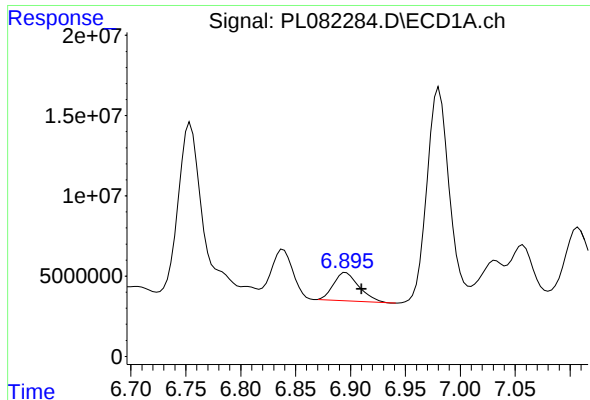
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: 0.015 min
Response: 5847536
Conc: 3.10 ng/ml m



#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: 0.015 min
Response: 28910262
Conc: 15.45 ng/ml



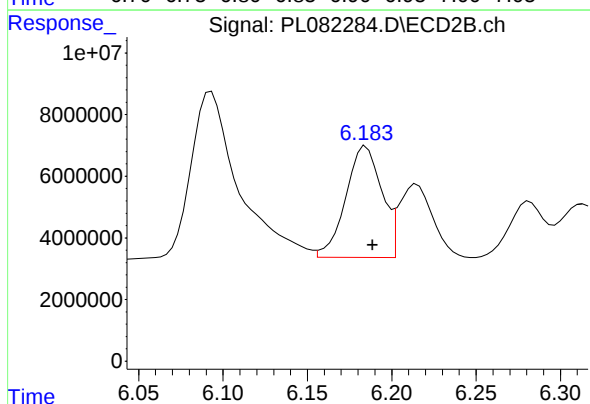
#19 Endosulfan Sulfate

R.T.: 6.896 min
Delta R.T.: -0.014 min
Response: 28557110
Conc: 12.04 ng/ml

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

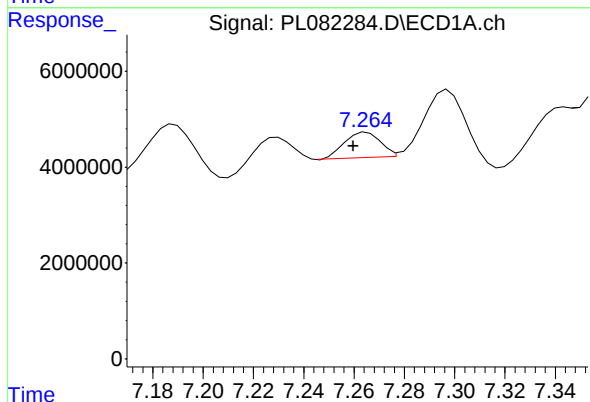
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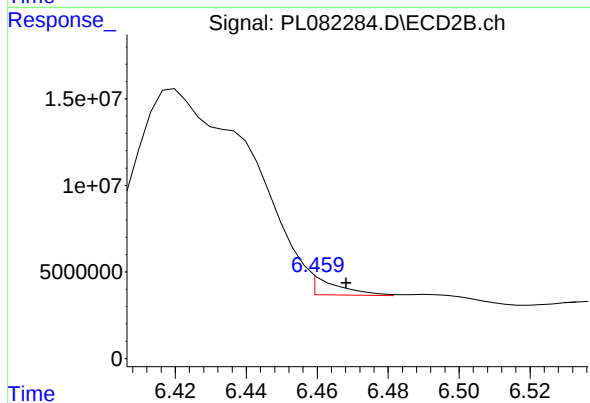
#19 Endosulfan Sulfate

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 53588775
Conc: 22.76 ng/ml



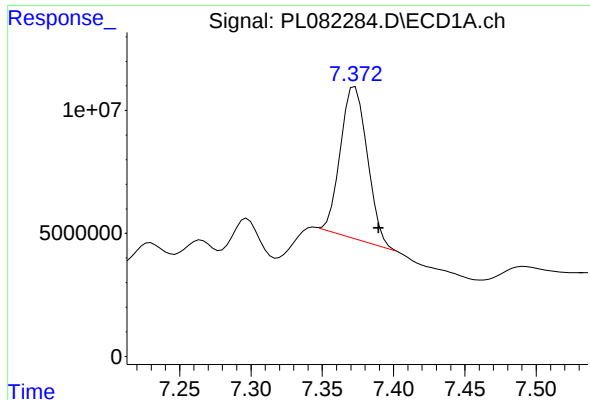
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: 0.004 min
Response: 5486917
Conc: 4.50 ng/ml m



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: -0.009 min
Response: 5013041
Conc: 4.14 ng/ml m



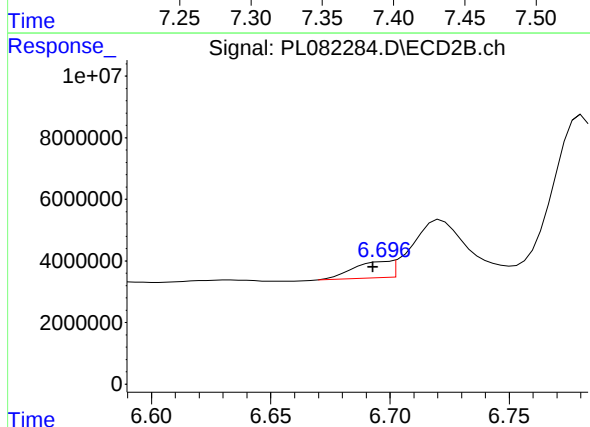
#21 Endrin ketone

R.T.: 7.372 min
Delta R.T.: -0.018 min
Response: 80999008
Conc: 33.83 ng/ml

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

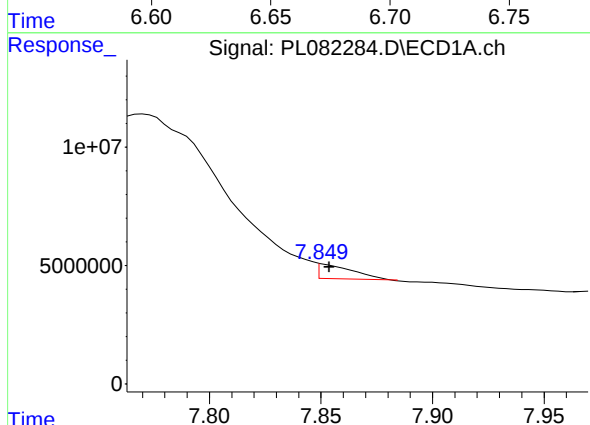
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



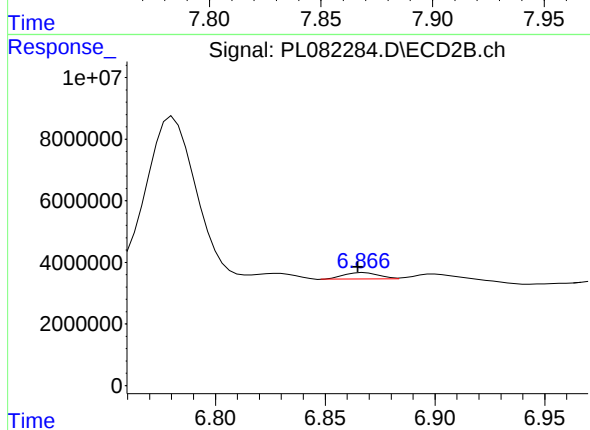
#21 Endrin ketone

R.T.: 6.696 min
Delta R.T.: 0.004 min
Response: 5709699
Conc: 2.25 ng/ml m



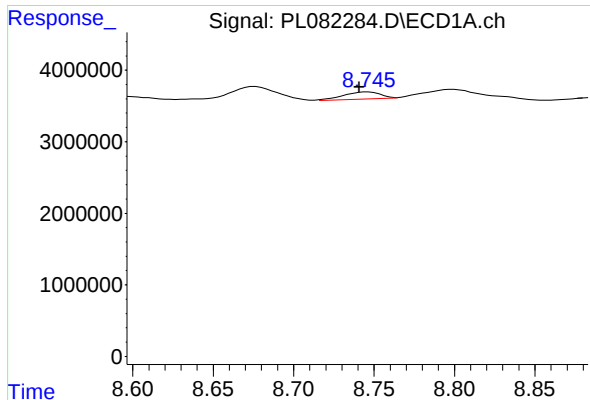
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 6187387
Conc: 3.16 ng/ml m



#22 Mirex

R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 2341683
Conc: 1.02 ng/ml m



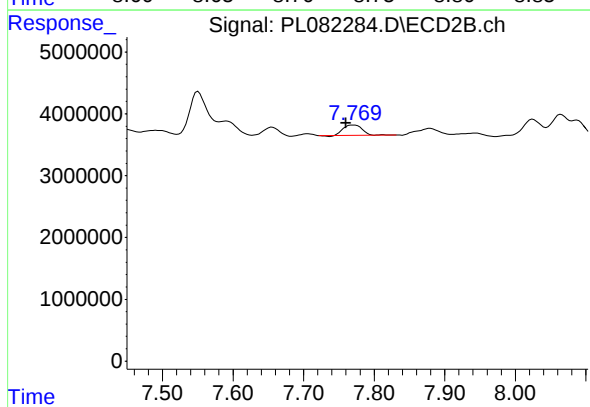
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 1594246
Conc: 0.84 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: 0.011 min
Response: 3025227
Conc: 1.33 ng/ml