

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092024\
 Data File : PD085463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2024 23:44
 Operator : AR\AJ
 Sample : P4016-20MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DDC23MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 01:42:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 20 05:48:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

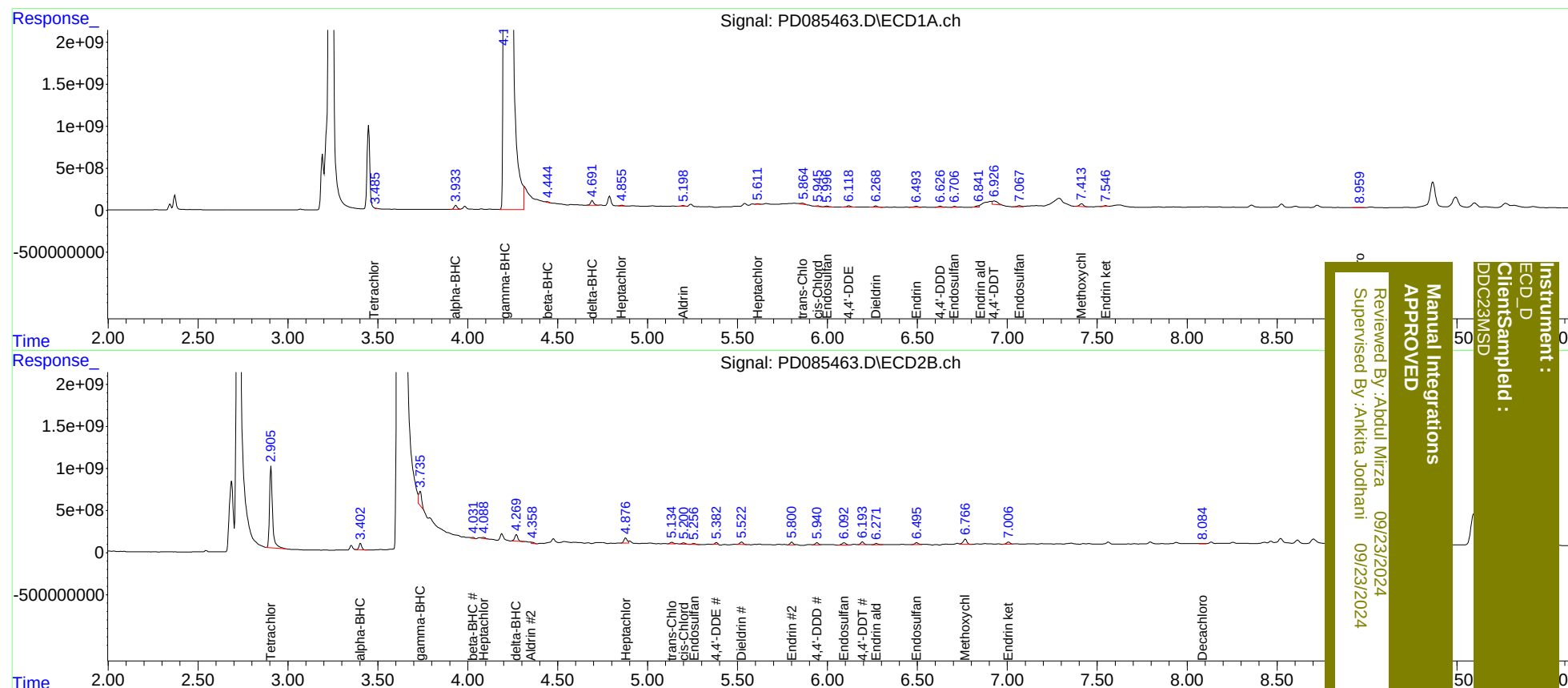
System Monitoring Compounds						
1) SA Tetrachlo...	3.485	2.905	29787216	11324.8E6	24.598m	2996.097m#
2) SA Decachlor...	8.959	8.084	24618459	56764683	15.007m	21.234m#
Target Compounds						
2) A alpha-BHC	3.934	3.404	543.7E6	810.6E6	230.100	146.801 #
3) MA gamma-BHC...	4.199f	3.735	101248.3E6	2004.4E6	40469.621m	384.620m#
4) MA Heptachlor	4.855	4.088	141.5E6	176.4E6	67.020m	37.158m#
5) MB Aldrin	5.199	4.358	123.9E6	154.4E6	57.068	30.468m#
6) B beta-BHC	4.444	4.031	92010942	121.7E6	96.483m	52.321m#
7) B delta-BHC	4.692	4.270	645.5E6	957.3E6	283.150	181.735 #
8) B Heptachlo...	5.611	4.878	53261742	766.1E6	26.665m	165.038 #
9) A Endosulfan I	5.998	5.258	116.3E6	140.4E6	65.632	34.171 #
10) B trans-Chl...	5.864	5.134	200.2E6	233.1E6	105.169m	51.520m#
11) B cis-Chlor...	5.945	5.201	118.7E6	227.7E6	59.213m	49.094
12) B 4,4'-DDE	6.118	5.382	197.2E6	233.6E6	112.799m	54.516m#
13) MA Dieldrin	6.269	5.523	229.3E6	347.4E6	118.617	74.637 #
14) MA Endrin	6.493	5.800	167.3E6	401.8E6	104.055m	96.881m
15) B Endosulfa...	6.706	6.092	144.9E6	440.7E6	79.013m	119.104m#
16) A 4,4'-DDD	6.626	5.940	170.3E6	287.4E6	129.285m	85.811m#
17) MA 4,4'-DDT	6.926	6.193	834.4E6	407.2E6	684.455m	128.575m#
18) B Endrin al...	6.841	6.271	192.2E6	207.3E6	162.271m	74.978m#
19) B Endosulfa...	7.067	6.497	226.4E6	274.8E6	149.947m	80.024 #
20) A Methoxychlor	7.413	6.766	509.7E6	912.0E6	696.671m	561.954m
21) B Endrin ke...	7.546	7.006	118.1E6	355.2E6	73.863m	76.471m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092024\
Data File : PD085463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2024 23:44
Operator : AR\AJ
Sample : P4016-20MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

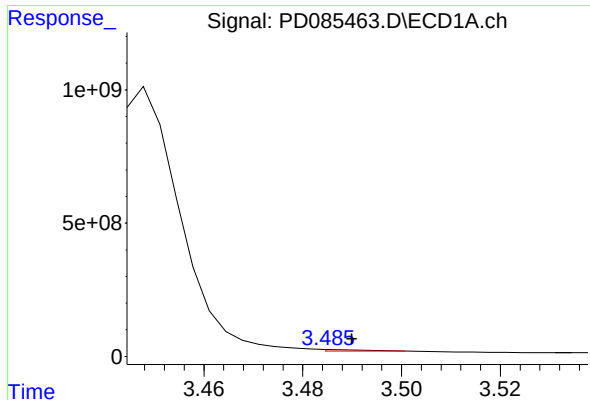
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 01:42:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091924CLP.M
Quant Title : GC Extractables
QLast Update : Fri Sep 20 05:48:22 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integrations
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Supervised By: Ankita Jodhani 09/23/2024

Instrument :
ECD_D
Client Sampled :
DDC23MSD



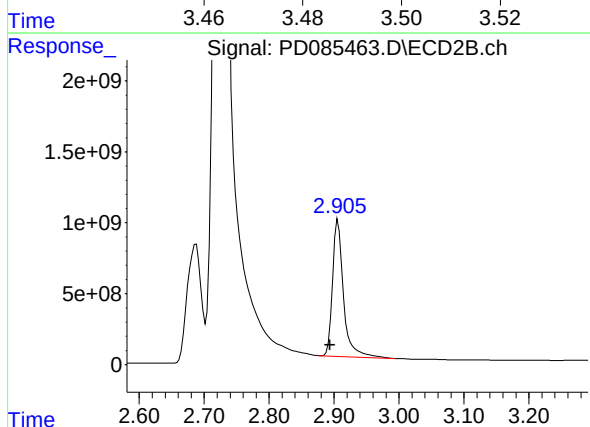
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.005 min
Response: 29787216
Conc: 24.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

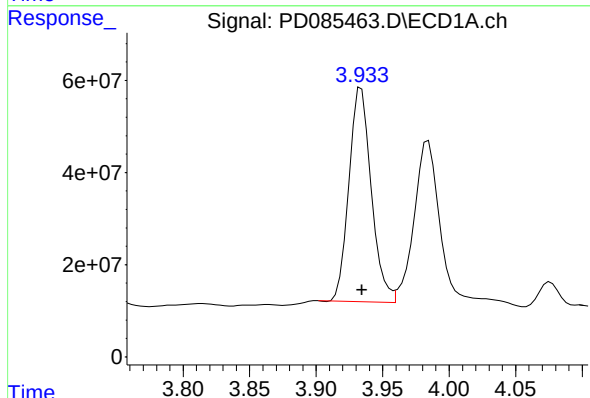
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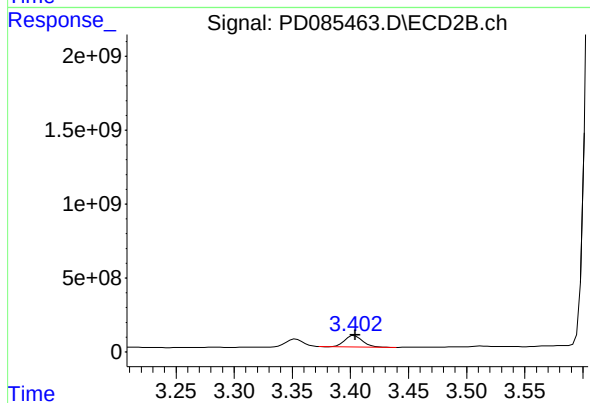
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.011 min
Response: 11324811648
Conc: 2996.10 ng/ml m



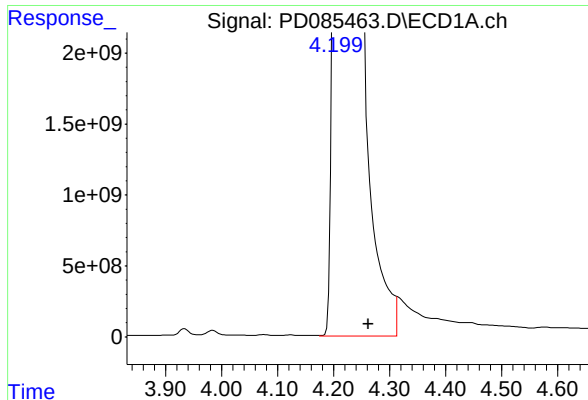
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 543657891
Conc: 230.10 ng/ml



#2 alpha-BHC

R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 810645404
Conc: 146.80 ng/ml



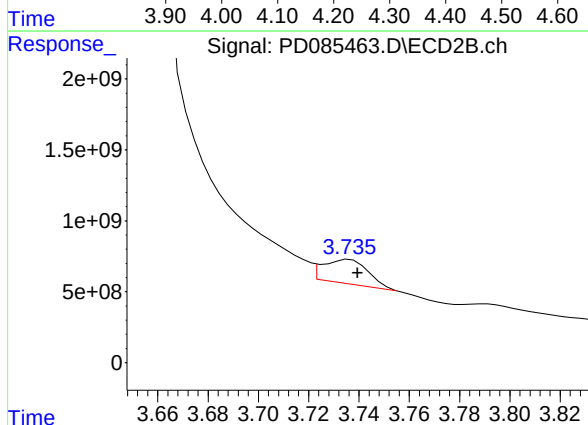
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: -0.063 min
Response: 1.01248e+01
Conc: 40469.62 ng/

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

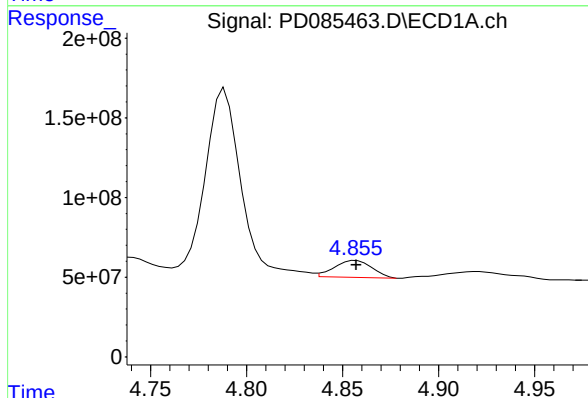
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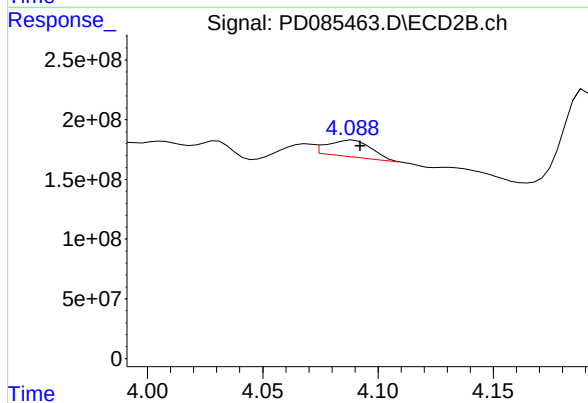
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: -0.004 min
Response: 2004351297
Conc: 384.62 ng/ml m



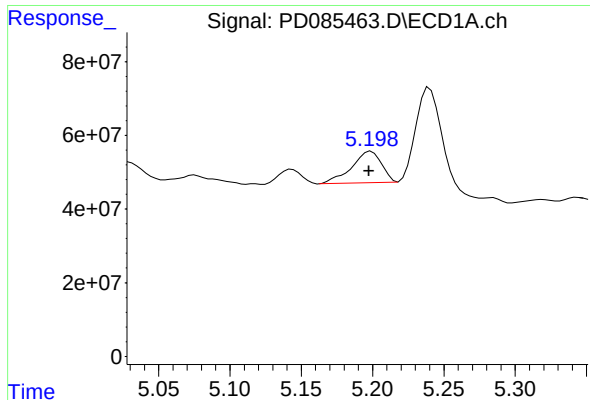
#4 Heptachlor

R.T.: 4.855 min
Delta R.T.: -0.002 min
Response: 141519111
Conc: 67.02 ng/ml m



#4 Heptachlor

R.T.: 4.088 min
Delta R.T.: -0.005 min
Response: 176382322
Conc: 37.16 ng/ml m



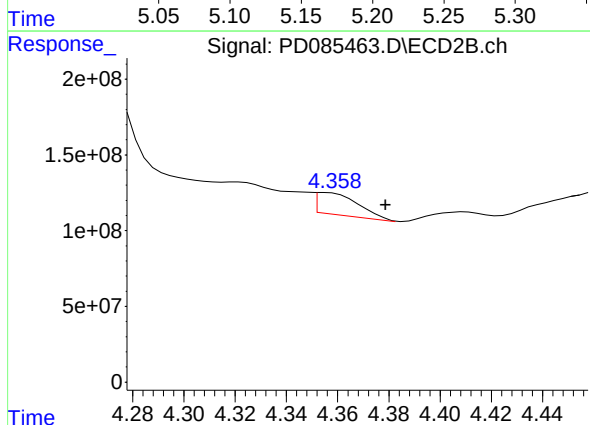
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 123872189
Conc: 57.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

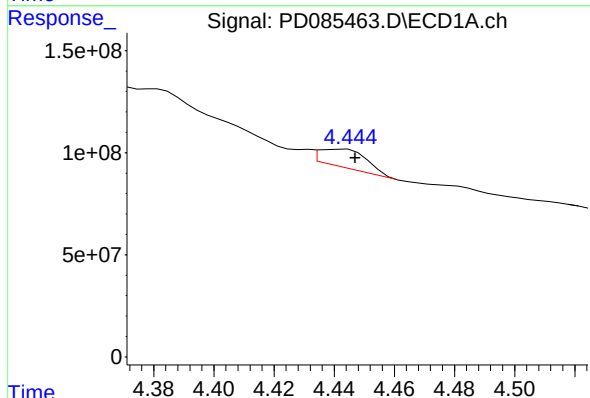
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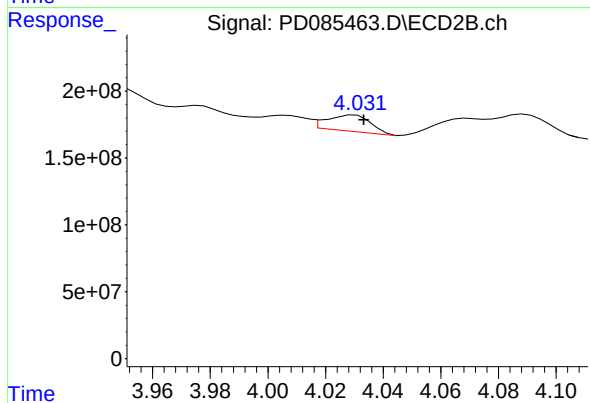
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.021 min
Response: 154433670
Conc: 30.47 ng/ml m



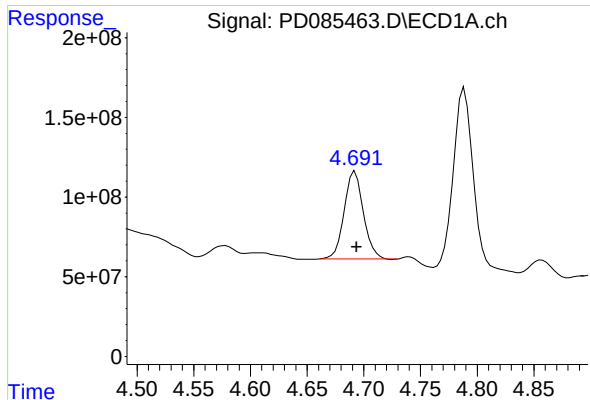
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 92010942
Conc: 96.48 ng/ml m



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 121673646
Conc: 52.32 ng/ml m



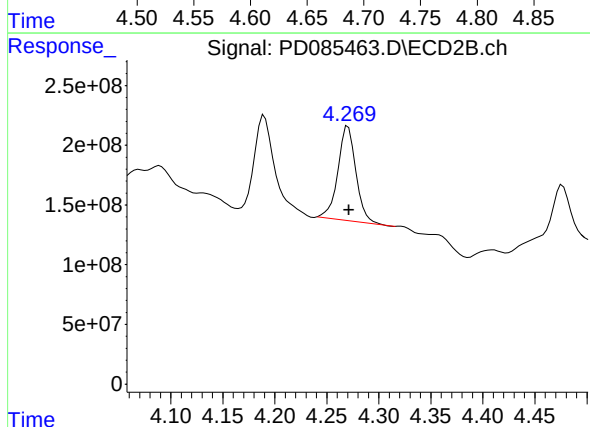
#7 delta-BHC

R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 645472709
Conc: 283.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

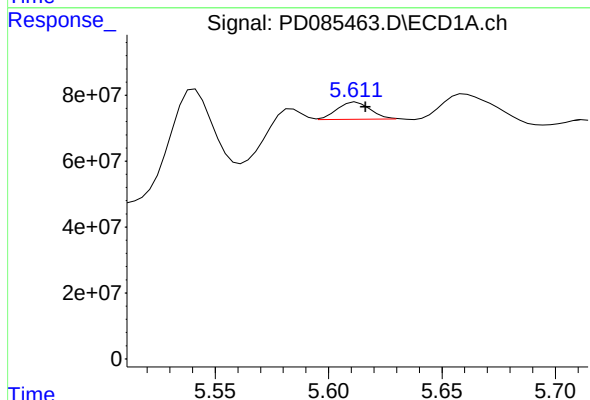
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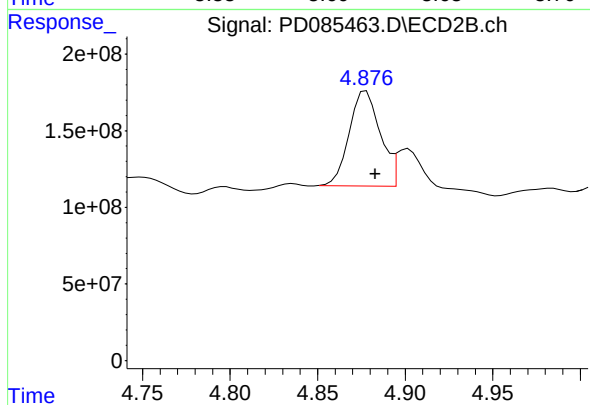
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 957307519
Conc: 181.74 ng/ml



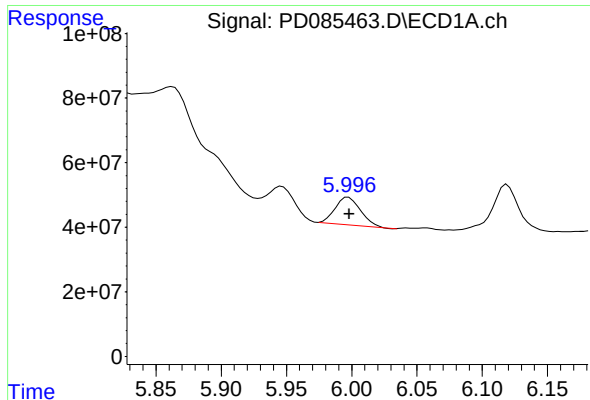
#8 Heptachlor epoxide

R.T.: 5.611 min
Delta R.T.: -0.006 min
Response: 53261742
Conc: 26.66 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: -0.005 min
Response: 766139459
Conc: 165.04 ng/ml



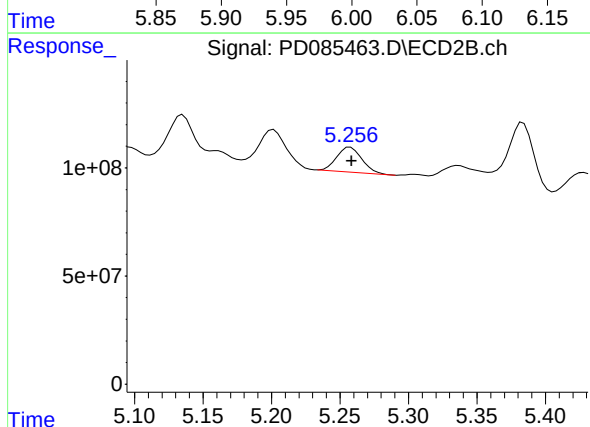
#9 Endosulfan I

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 116323156
Conc: 65.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

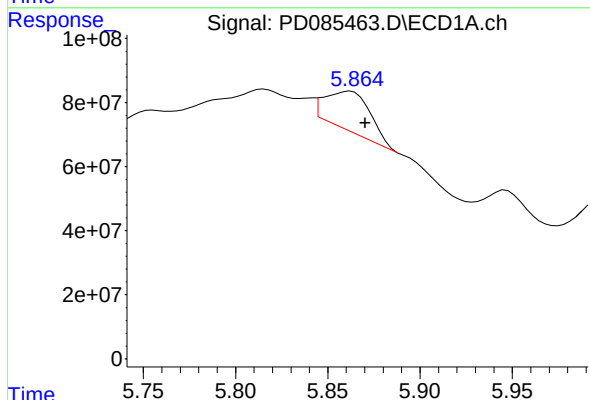
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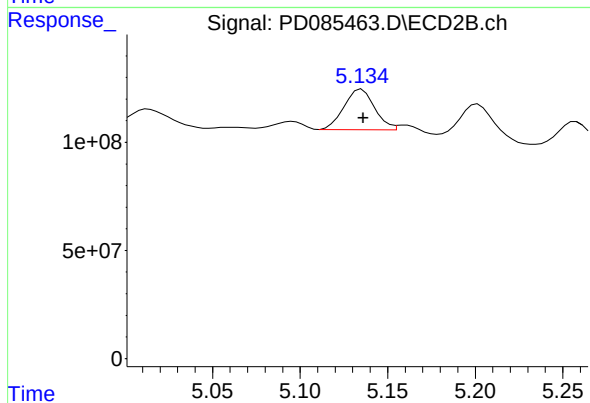
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 140421162
Conc: 34.17 ng/ml



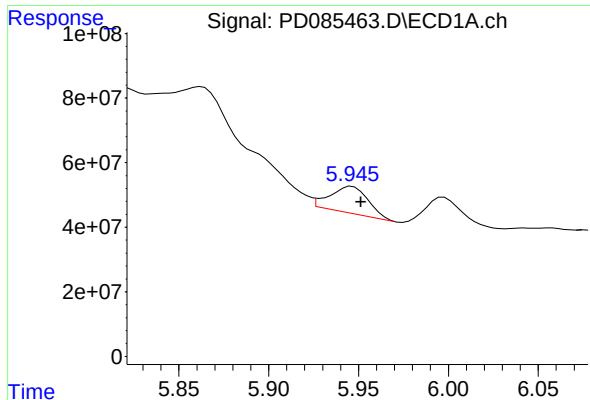
#10 trans-Chlordane

R.T.: 5.864 min
Delta R.T.: -0.006 min
Response: 200162245
Conc: 105.17 ng/ml m



#10 trans-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 233135780
Conc: 51.52 ng/ml m



#11 cis-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 118702471
Conc: 59.21 ng/ml

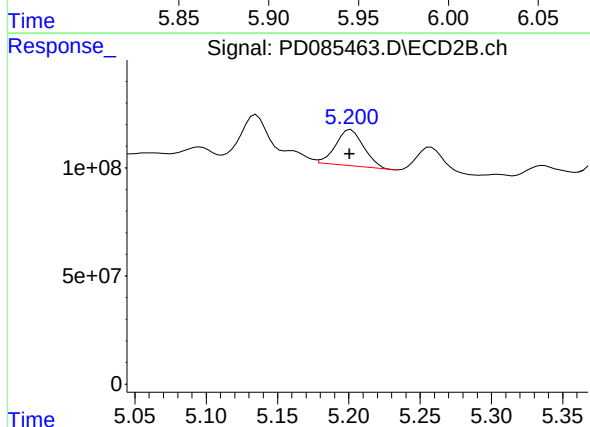
Instrument :

ECD_D

ClientSampleId :
DDC23MSD

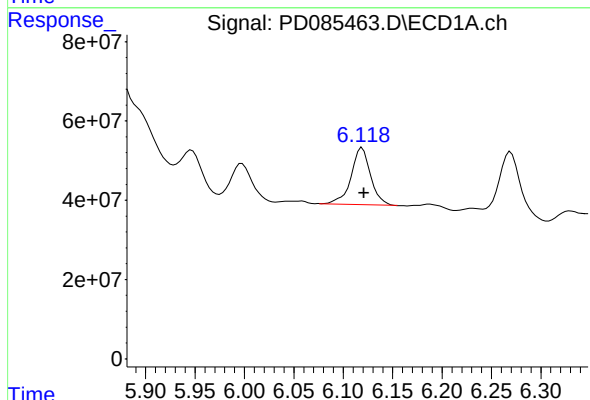
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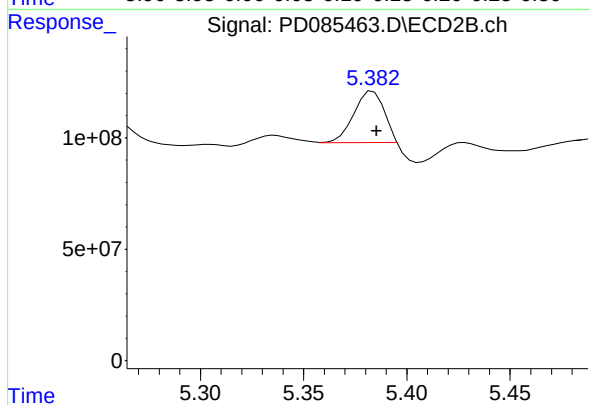
#11 cis-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 227749102
Conc: 49.09 ng/ml



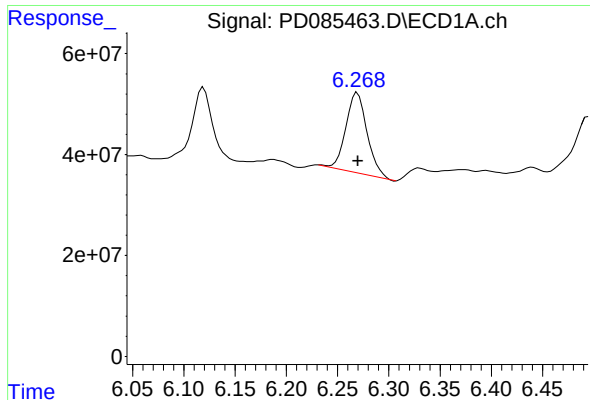
#12 4,4'-DDE

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 197182517
Conc: 112.80 ng/ml m



#12 4,4'-DDE

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 233563215
Conc: 54.52 ng/ml m



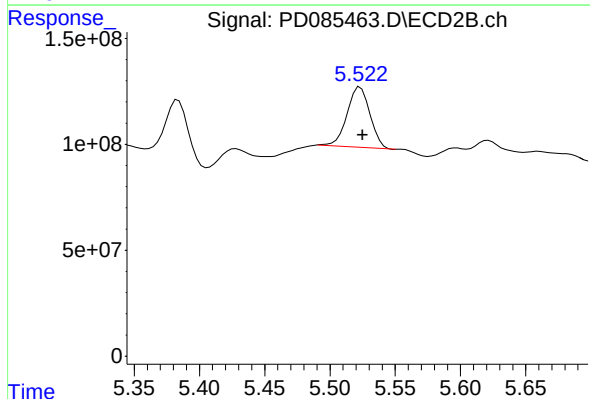
#13 Dieldrin

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 229321027
Conc: 118.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

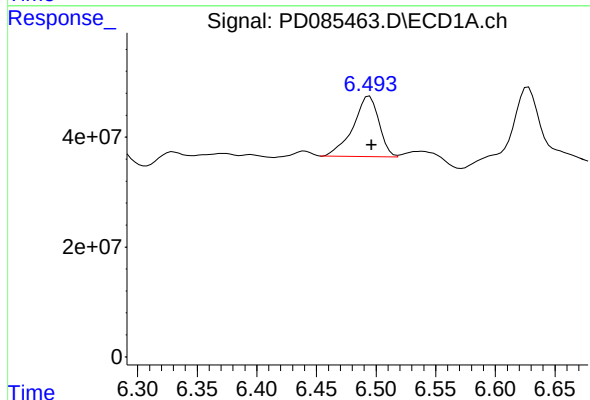
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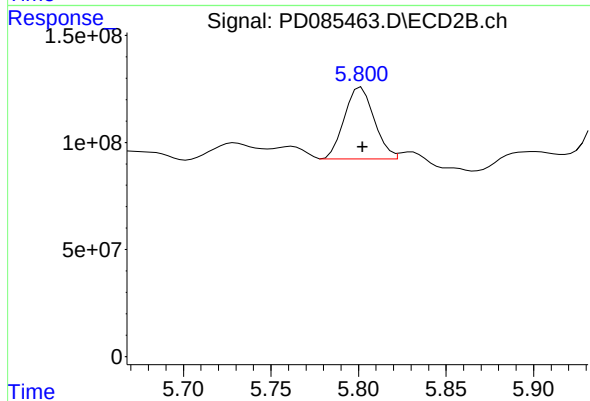
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 347439801
Conc: 74.64 ng/ml



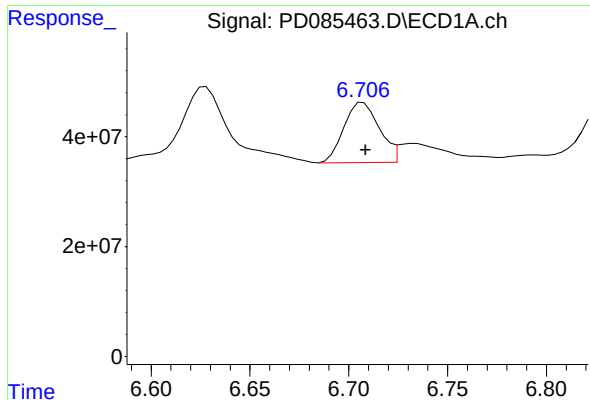
#14 Endrin

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 167299186
Conc: 104.06 ng/ml m



#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 401838566
Conc: 96.88 ng/ml m



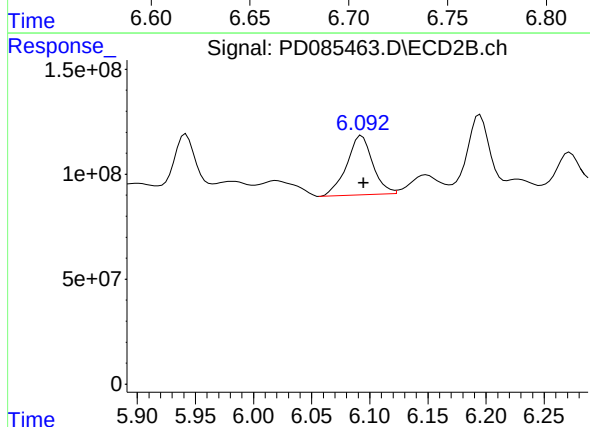
#15 Endosulfan II

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 144873091
Conc: 79.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

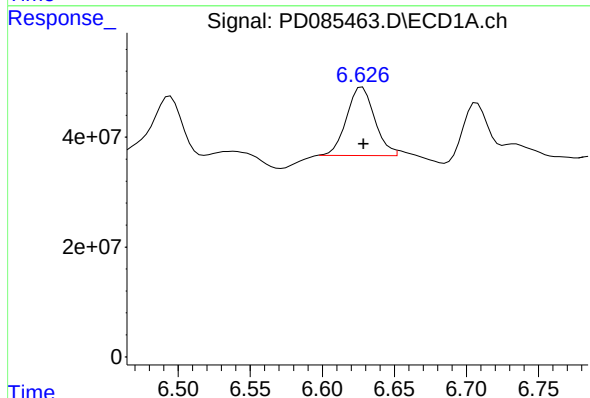
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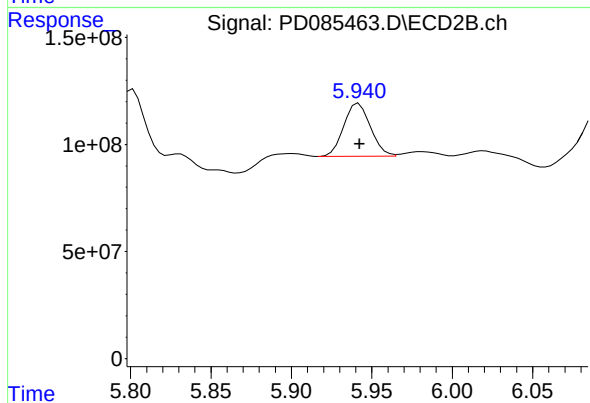
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 440702555
Conc: 119.10 ng/ml m



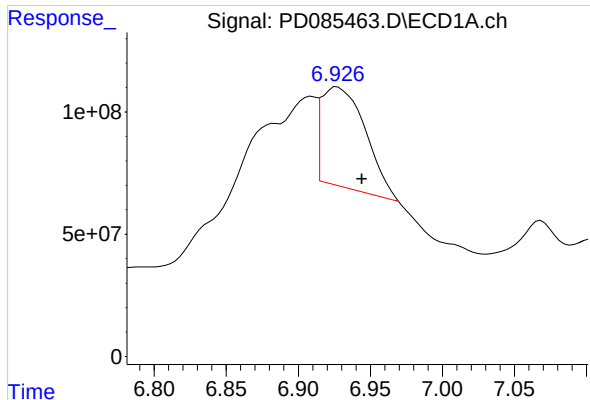
#16 4,4'-DDD

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 170340142
Conc: 129.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 287370444
Conc: 85.81 ng/ml m



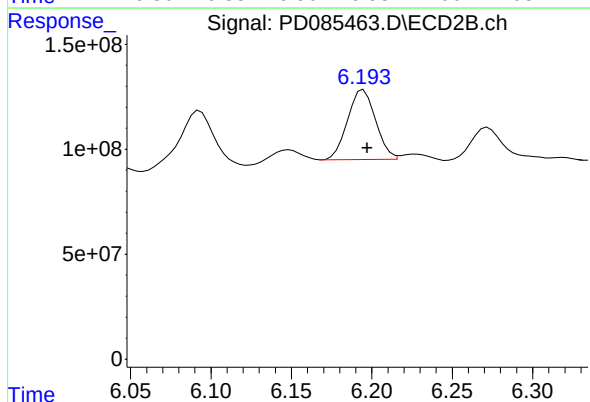
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: -0.018 min
Response: 834362161
Conc: 684.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

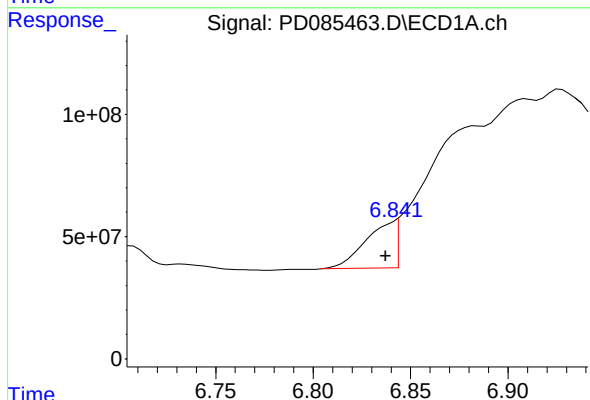
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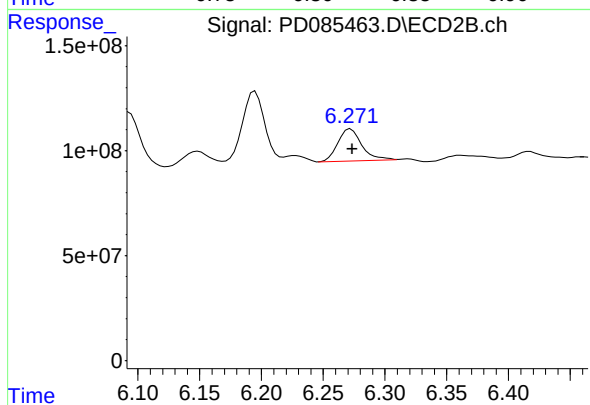
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: -0.004 min
Response: 407249810
Conc: 128.57 ng/ml



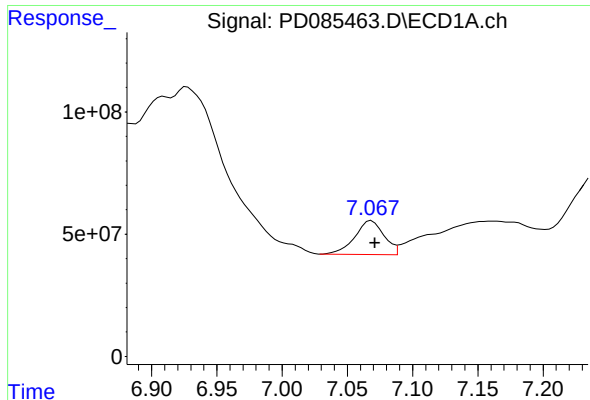
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 192186467
Conc: 162.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 207323078
Conc: 74.98 ng/ml



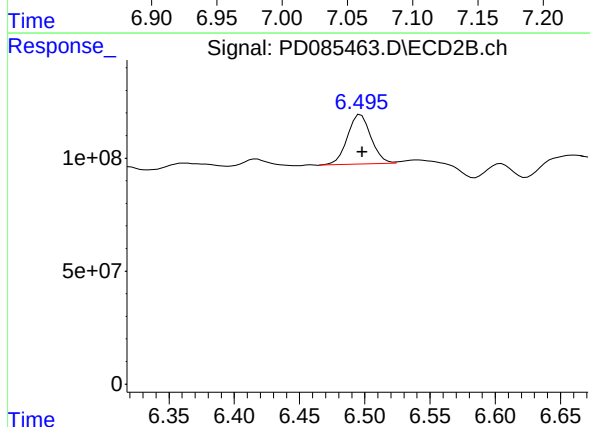
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 226386009
Conc: 149.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

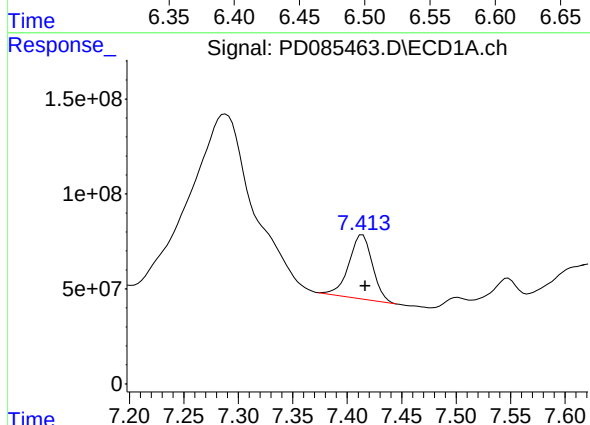
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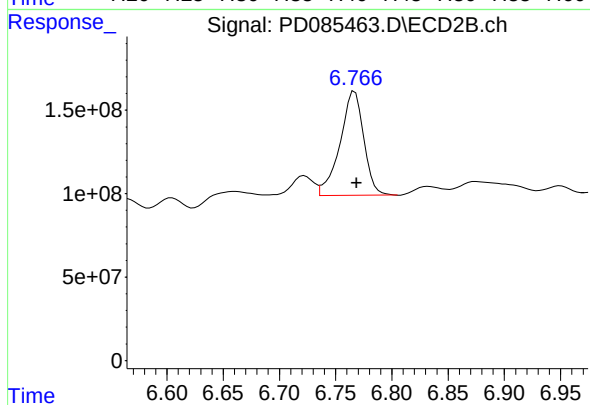
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 274844999
Conc: 80.02 ng/ml



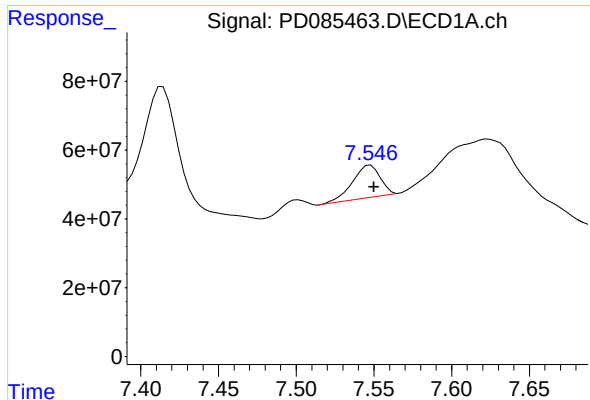
#20 Methoxychlor

R.T.: 7.413 min
Delta R.T.: -0.004 min
Response: 509717464
Conc: 696.67 ng/ml m



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 912009018
Conc: 561.95 ng/ml m



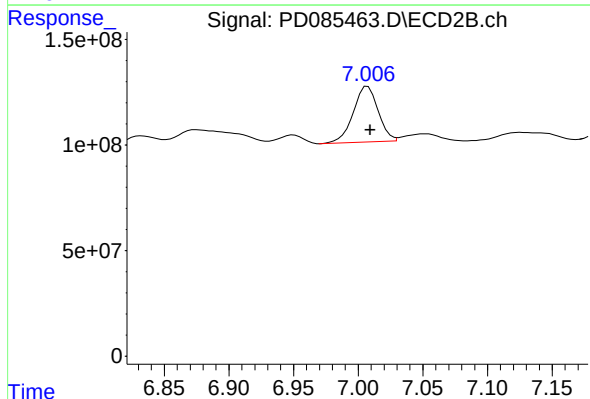
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 118087388
Conc: 73.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
DDC23MSD

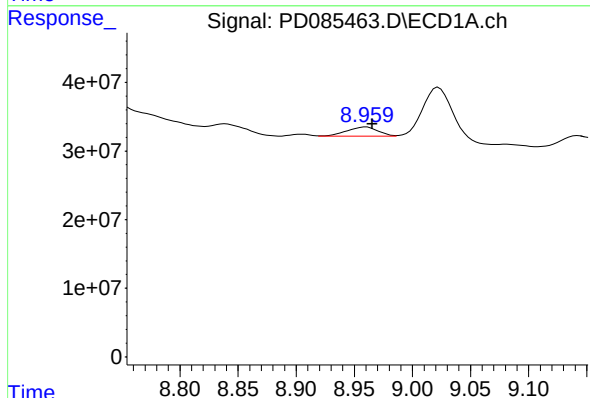
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Reviewed By :Abdul Mirza 09/23/2024
Supervised By :Ankita Jodhani 09/23/2024



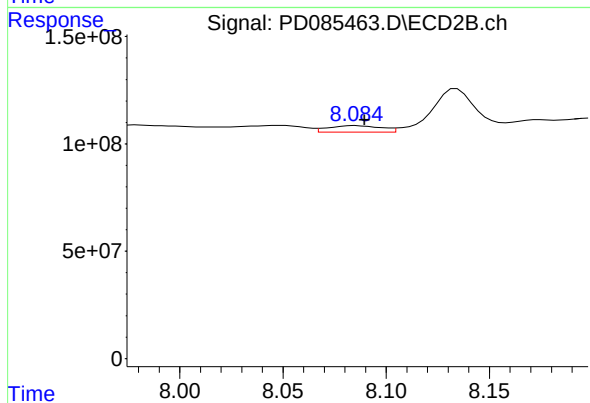
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 355185568
Conc: 76.47 ng/ml m



#27 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: -0.007 min
Response: 24618459
Conc: 15.01 ng/ml m



#27 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 56764683
Conc: 21.23 ng/ml m