

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 00:34
 Operator : AR\AJ
 Sample : 05102-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 67S-IDW-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 04:11:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.568	2.804	25572048	47573893	15.838m	20.548 #
28) SA Decachlor...	9.115	7.949	37344379	50543759	18.616	20.736
Target Compounds						
2) A alpha-BHC	4.026	3.307	124.3E6	181.6E6	46.698	52.381
3) MA gamma-BHC...	4.357	3.635	209.7E6	169.4E6	80.700	49.879m#
4) MA Heptachlor	4.952	3.978	120.4E6	166.9E6	45.029	54.637
5) MB Aldrin	5.296	4.259	119.3E6	170.4E6	46.296	52.077
6) B beta-BHC	4.552	3.931	49020566	71230024	45.746	50.550
7) B delta-BHC	4.801	4.162	125.0E6	185.6E6	46.685m	55.420
8) B Heptachlo...	5.721	4.761	108.3E6	160.4E6	46.215m	54.117
9) A Endosulfan I	6.109	5.130	102.9E6	142.0E6	47.468	53.645m
10) B gamma-Chl...	5.978	5.010	109.3E6	155.3E6	47.677	54.115m
11) B alpha-Chl...	6.058	5.075	108.0E6	152.7E6	47.370	53.203m
12) B 4,4'-DDE	6.228	5.265	101.8E6	149.5E6	48.154	56.152
13) MA Dieldrin	6.383	5.396	111.1E6	162.5E6	47.697m	54.705
14) MA Endrin	6.614	5.671	95655363	148.2E6	49.114	57.923
15) B Endosulfa...	6.832	5.964	96422222	139.5E6	47.274	55.880
16) A 4,4'-DDD	6.746	5.818	83581530	123.4E6	47.545	54.025
17) MA 4,4'-DDT	7.060	6.070	90471669	127.1E6	47.776	55.539
18) B Endrin al...	6.960	6.143	62291251	87671919	40.336m	47.153
19) B Endosulfa...	7.196	6.364	92239479	134.0E6	46.395	57.383
20) A Methoxychlor	7.535	6.644	49709173	70811577	45.364	52.158
21) B Endrin ke...	7.683	6.872	104.7E6	153.6E6	48.007	54.939
22) Mirex	8.159	7.056	90199427	133.6E6	53.289	62.537

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 00:34
Operator : AR\AJ
Sample : 05102-01MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

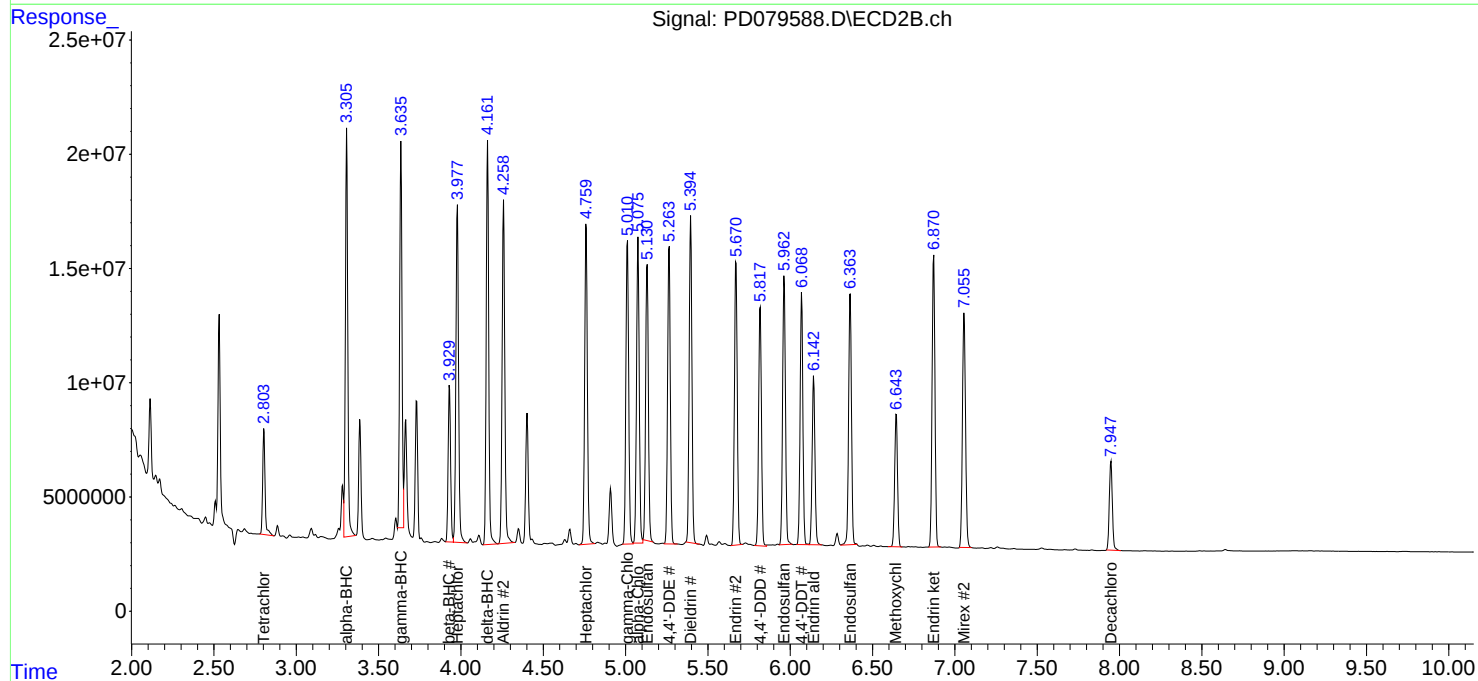
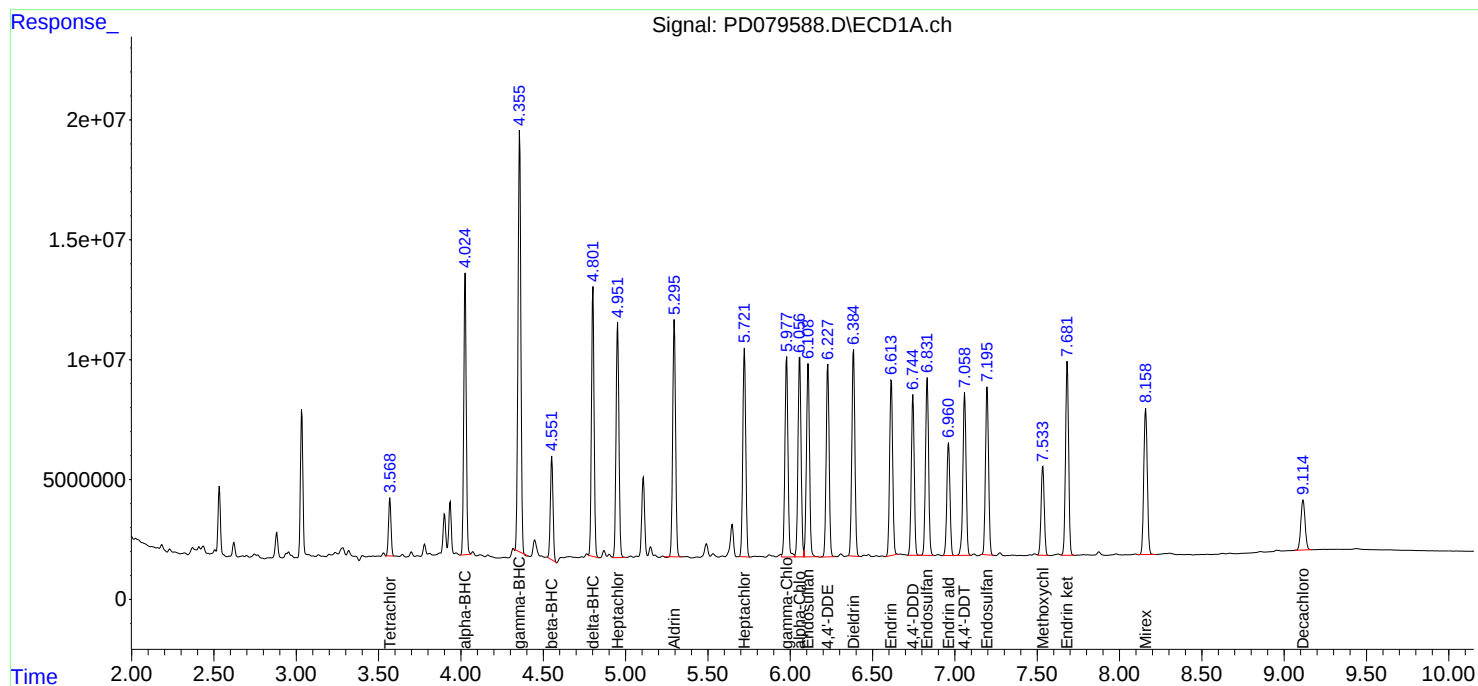
Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

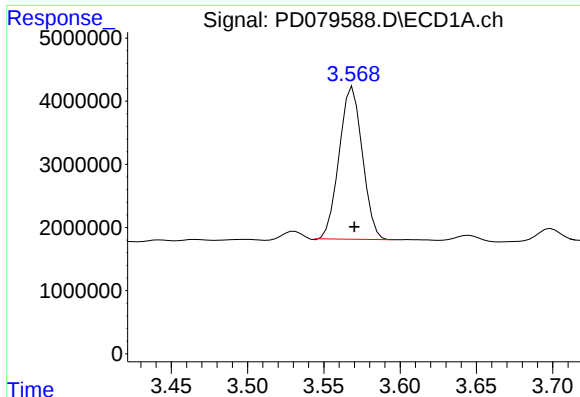
Manual Integrations
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Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 04:11:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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





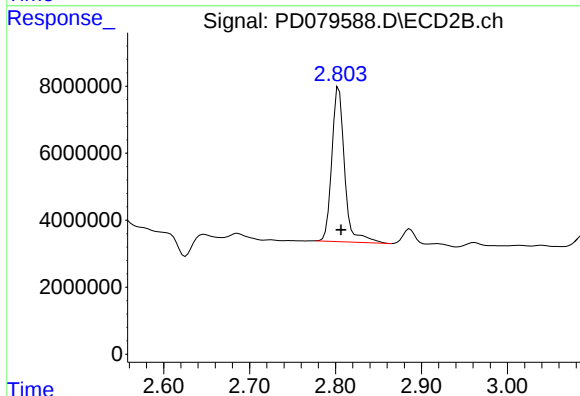
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 25572048
Conc: 15.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

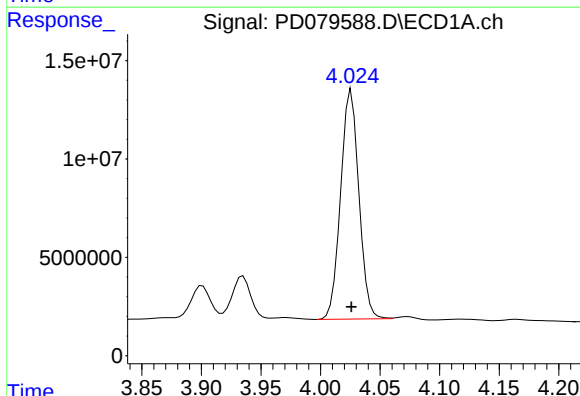
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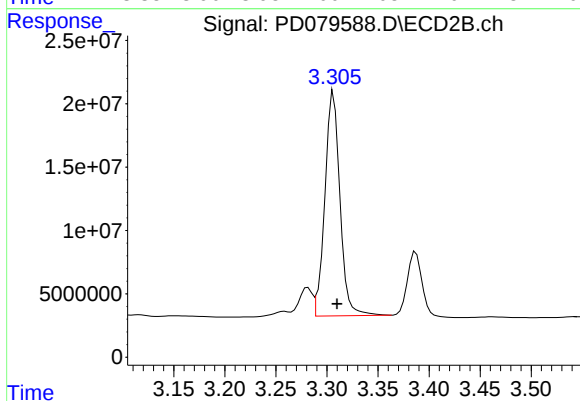
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 47573893
Conc: 20.55 ng/ml



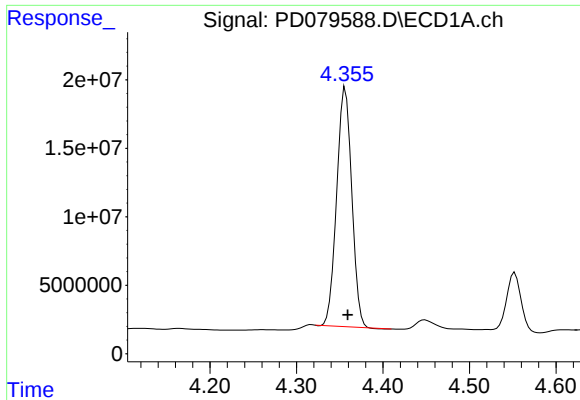
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 124314362
Conc: 46.70 ng/ml



#2 alpha-BHC

R.T.: 3.307 min
Delta R.T.: -0.003 min
Response: 181626758
Conc: 52.38 ng/ml



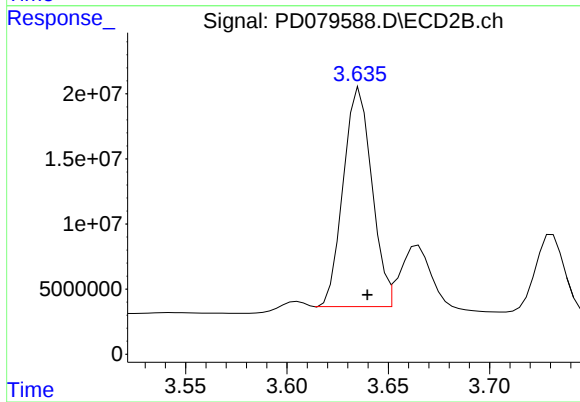
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 209725776
Conc: 80.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

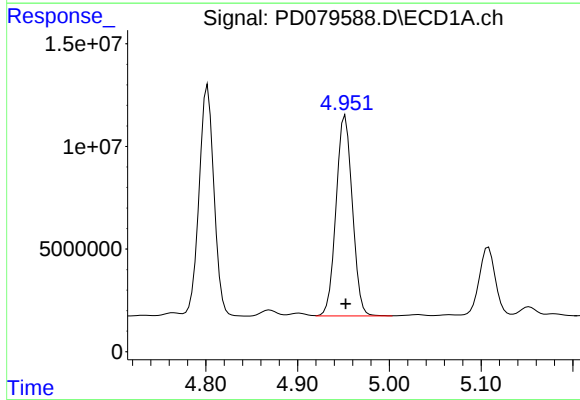
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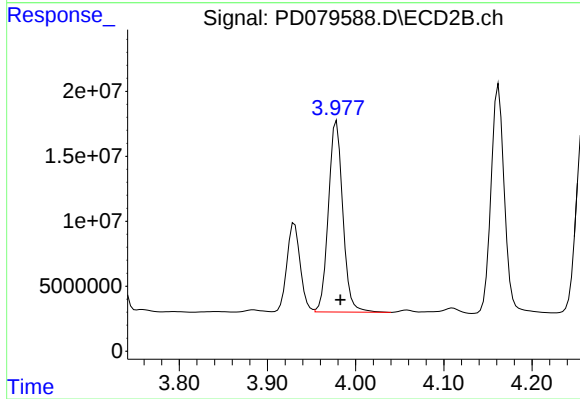
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.005 min
Response: 169377761
Conc: 49.88 ng/ml m



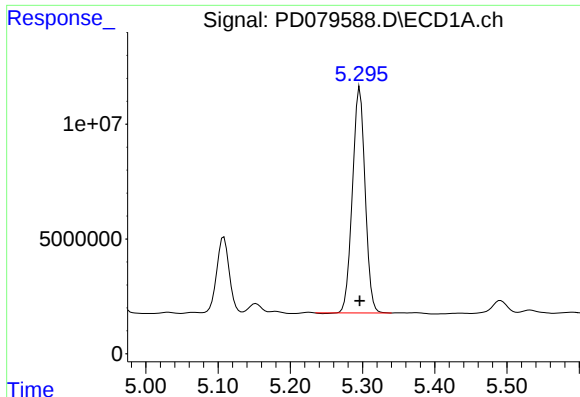
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 120448675
Conc: 45.03 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 166867730
Conc: 54.64 ng/ml



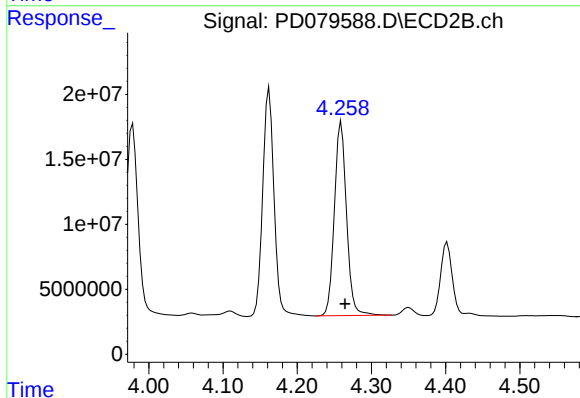
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 119295435
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

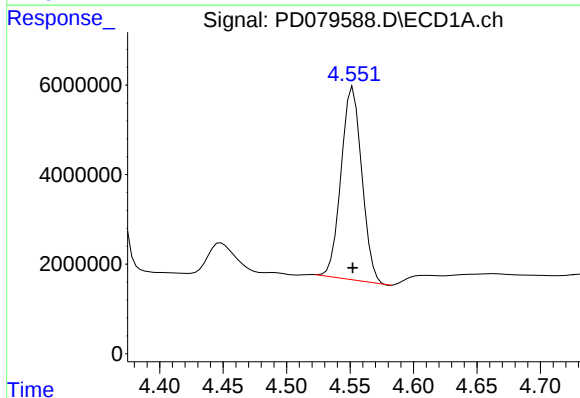
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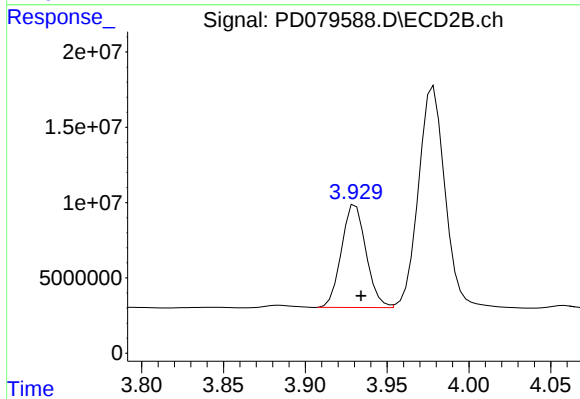
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 170360348
Conc: 52.08 ng/ml



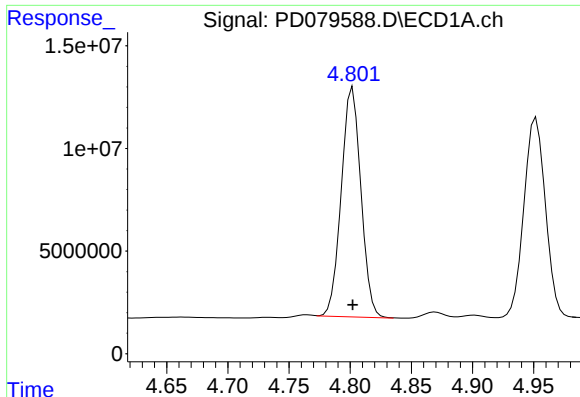
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 49020566
Conc: 45.75 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 71230024
Conc: 50.55 ng/ml



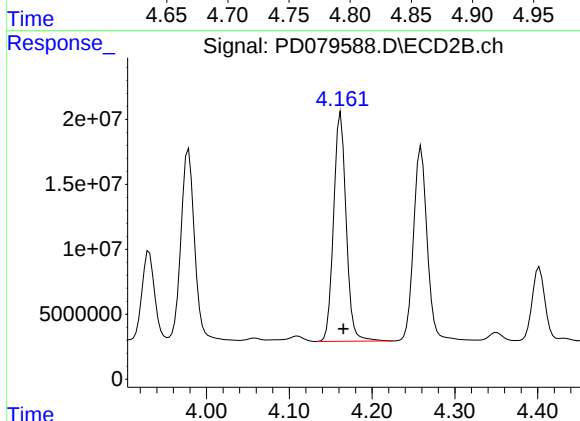
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 124979775
Conc: 46.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

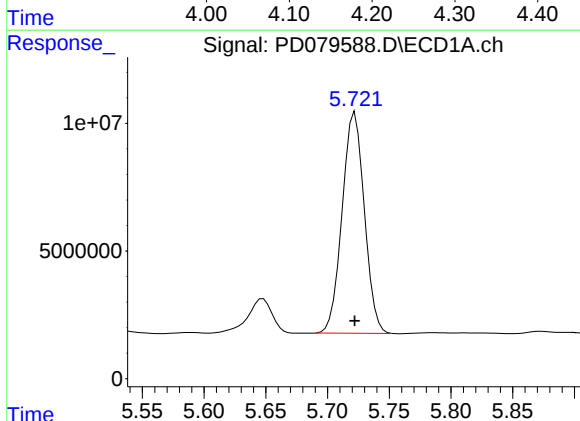
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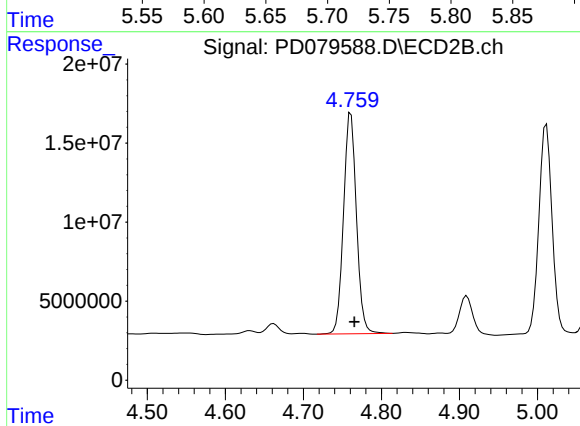
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 185560319
Conc: 55.42 ng/ml



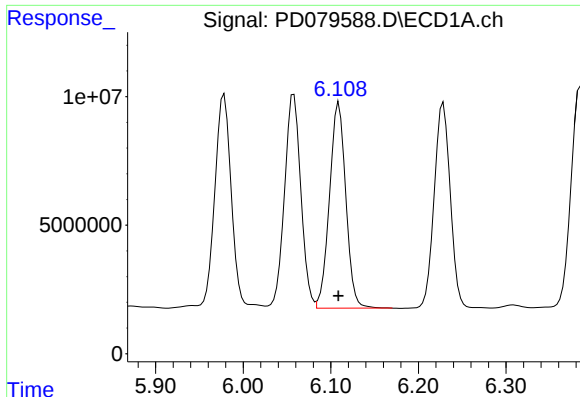
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: -0.001 min
Response: 108313264
Conc: 46.21 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 160440264
Conc: 54.12 ng/ml



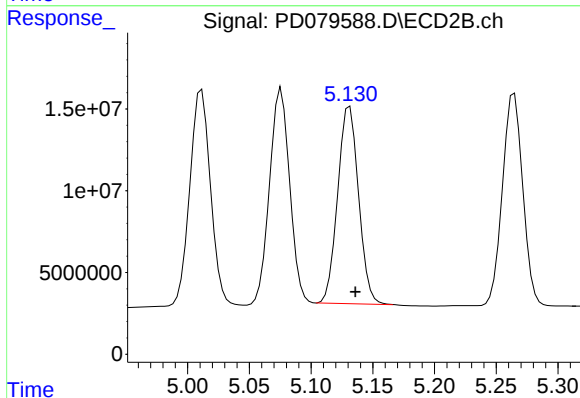
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 102908033
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

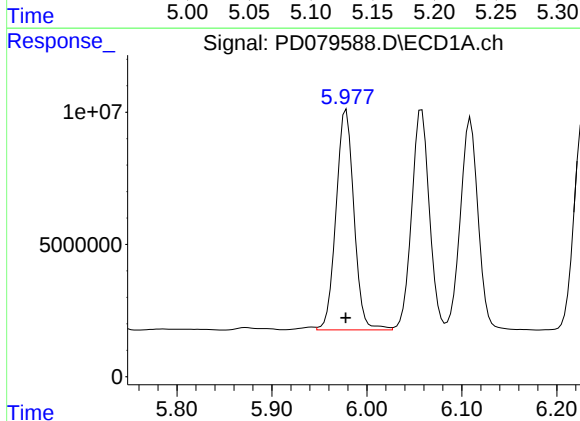
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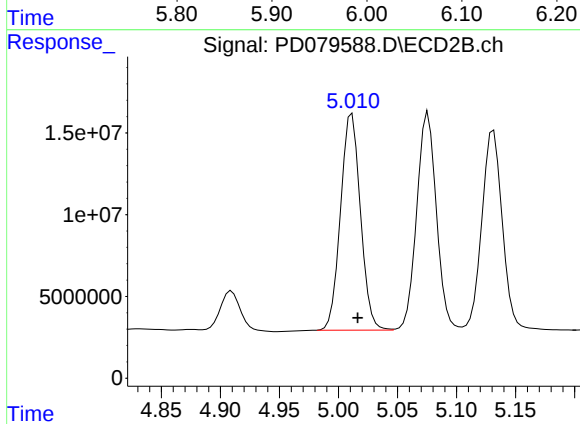
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 142036682
Conc: 53.65 ng/ml m



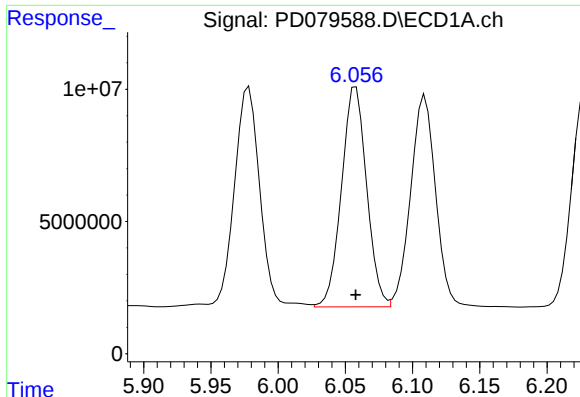
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 109309406
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 155280323
Conc: 54.12 ng/ml m



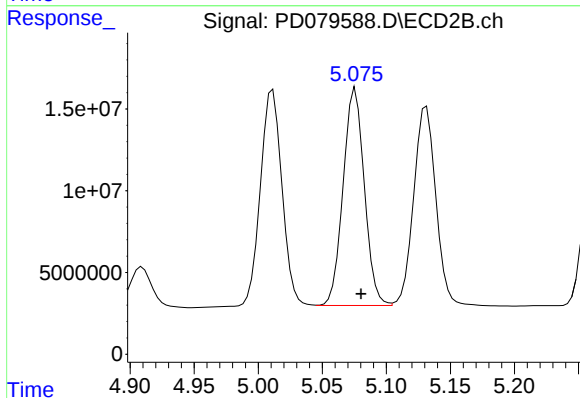
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 108014152
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

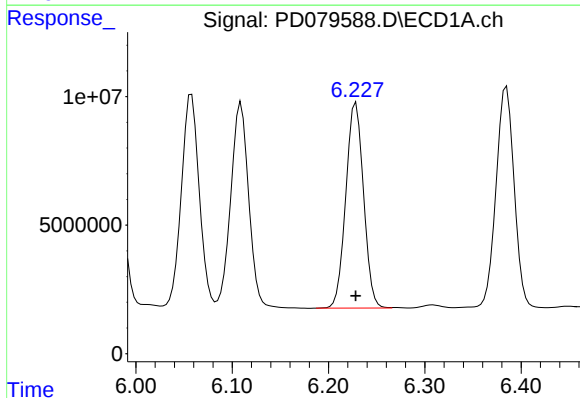
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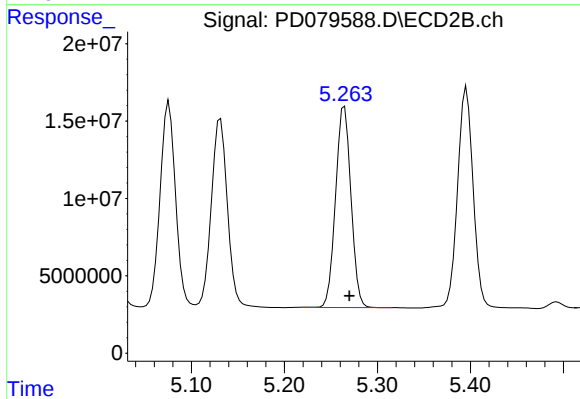
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 152685820
Conc: 53.20 ng/ml m



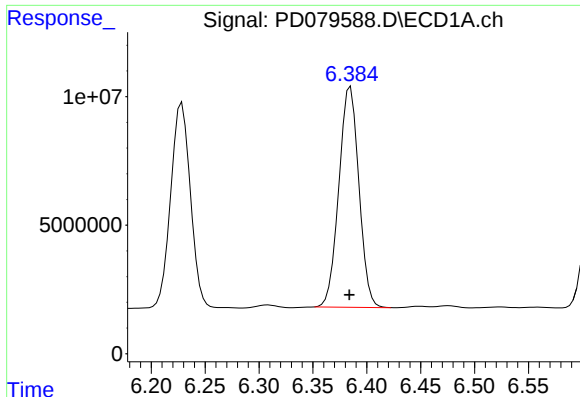
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 101752964
Conc: 48.15 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 149499314
Conc: 56.15 ng/ml



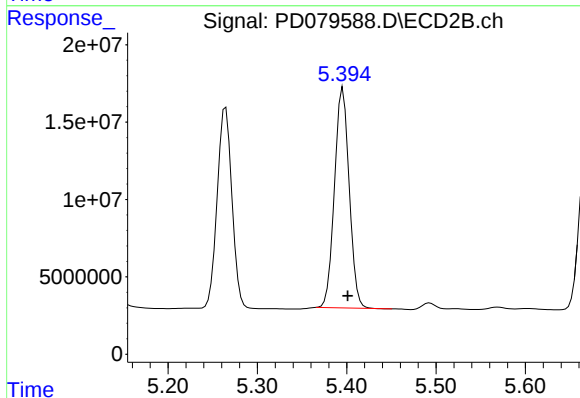
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 111079150
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

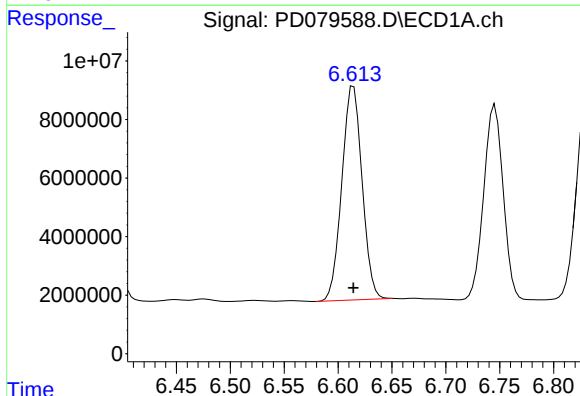
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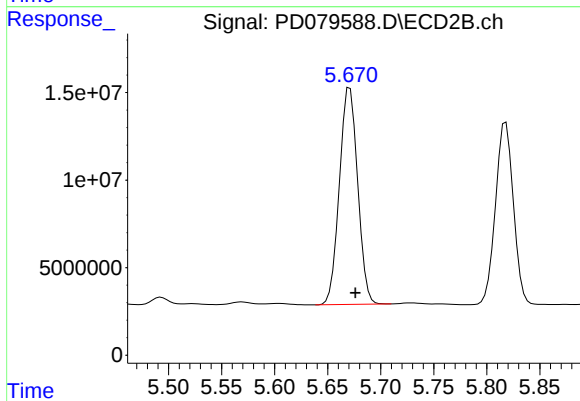
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 162466888
Conc: 54.70 ng/ml



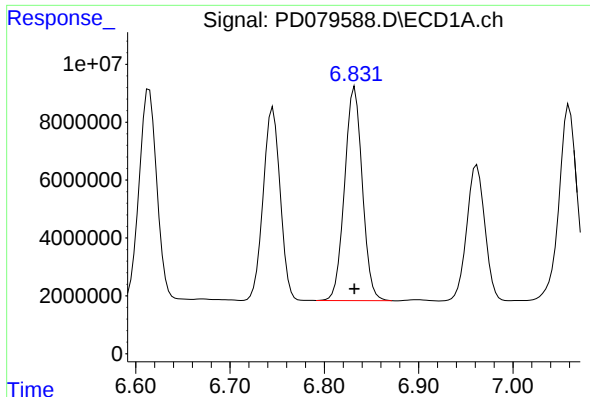
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 95655363
Conc: 49.11 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 148231508
Conc: 57.92 ng/ml



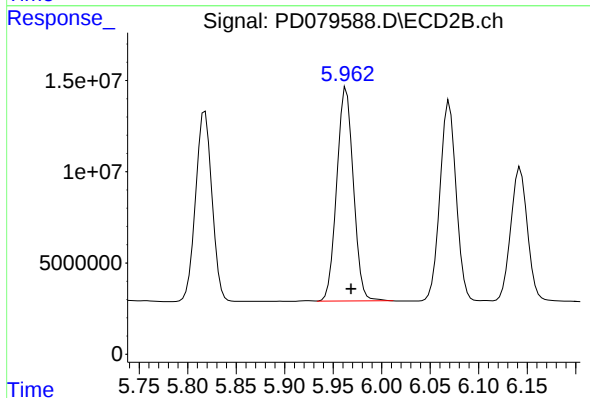
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 96422222
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

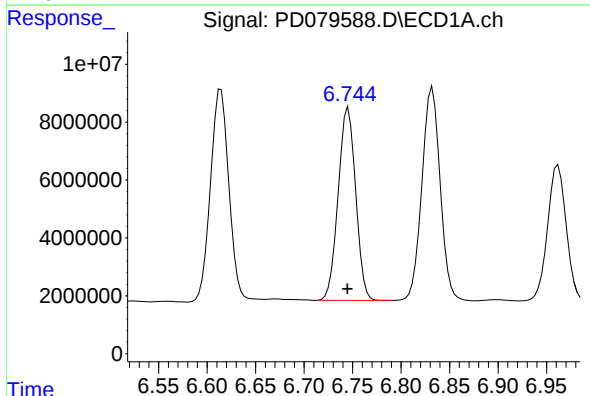
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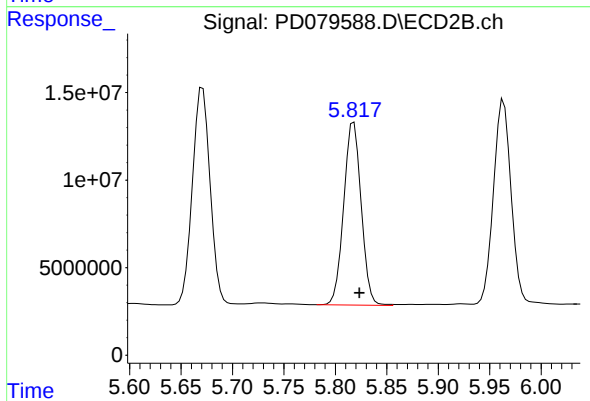
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 139504684
Conc: 55.88 ng/ml



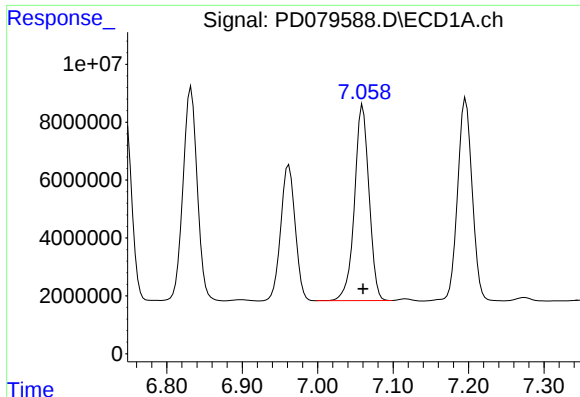
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 83581530
Conc: 47.55 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 123407576
Conc: 54.03 ng/ml



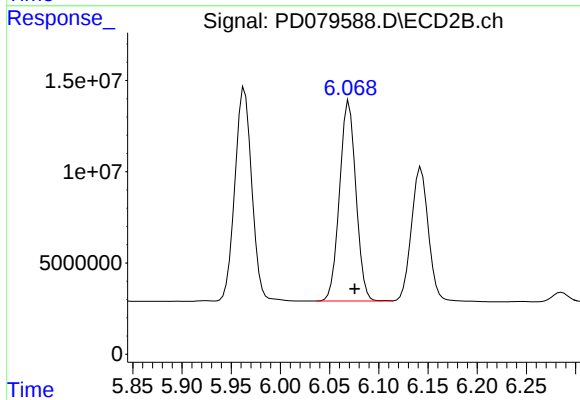
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 90471669
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

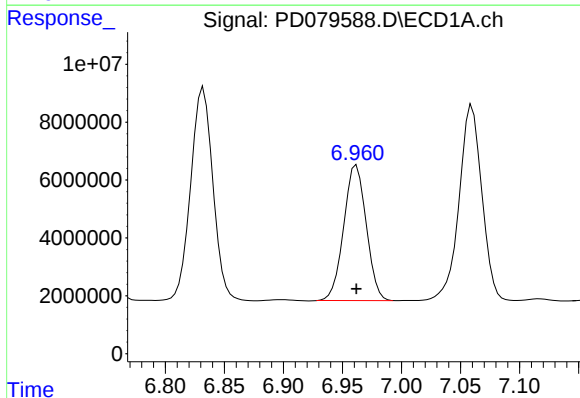
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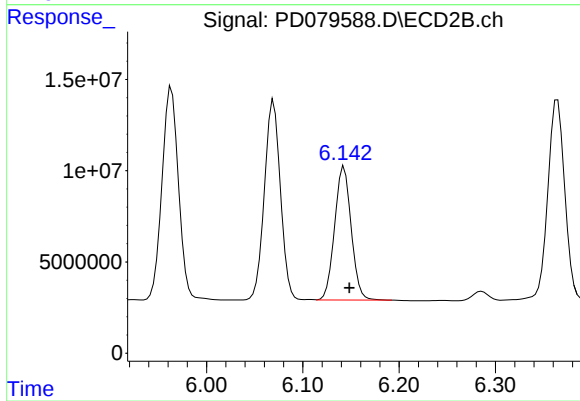
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 127149492
Conc: 55.54 ng/ml



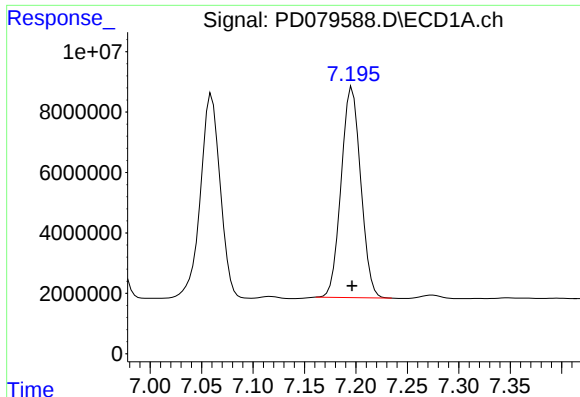
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 62291251
Conc: 40.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 87671919
Conc: 47.15 ng/ml



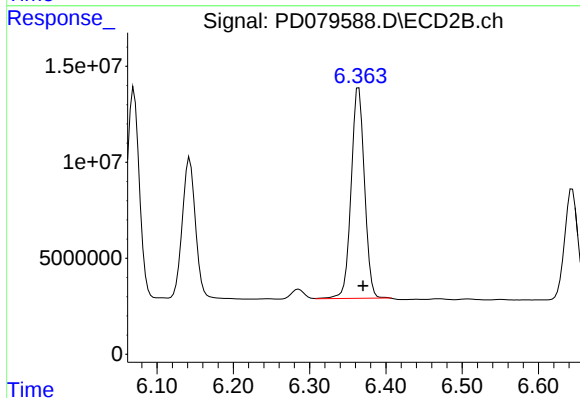
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 92239479
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

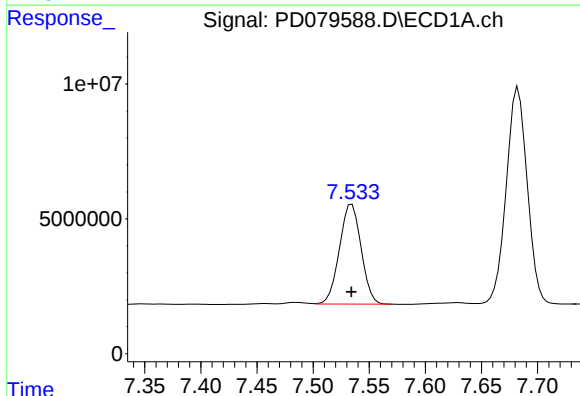
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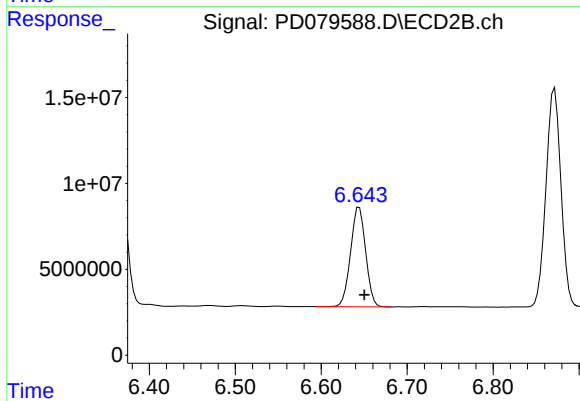
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 133979917
Conc: 57.38 ng/ml



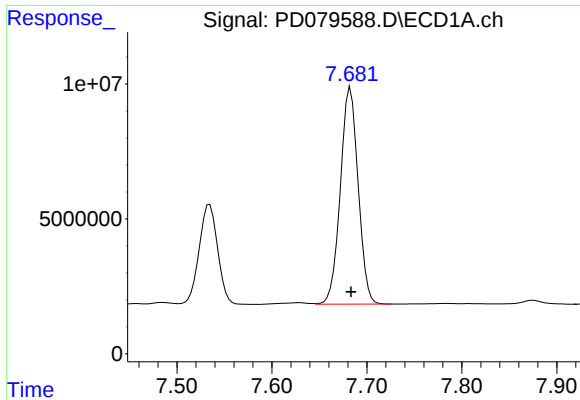
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 49709173
Conc: 45.36 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 70811577
Conc: 52.16 ng/ml



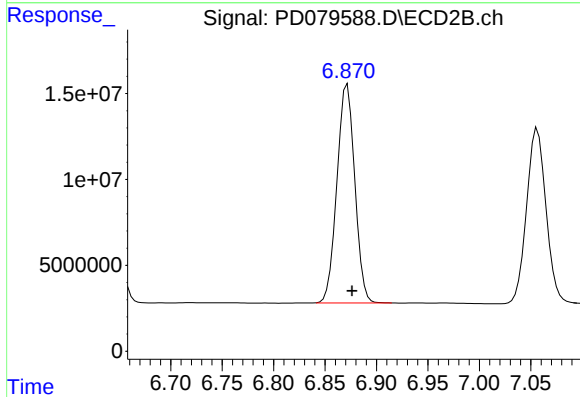
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 104662256
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MSD

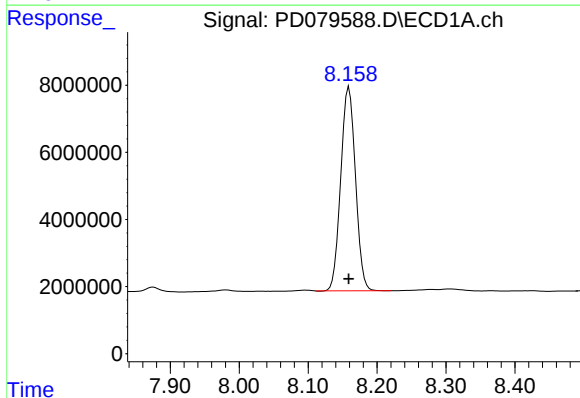
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



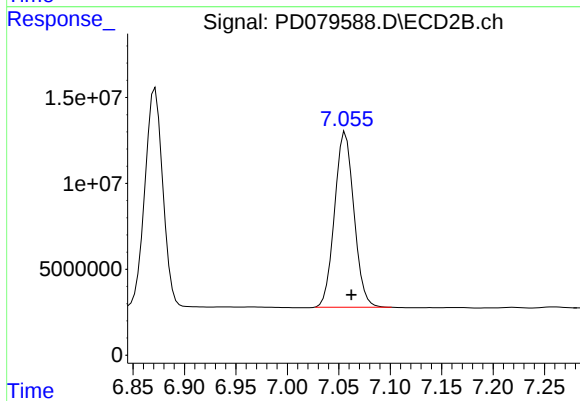
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 153593534
Conc: 54.94 ng/ml



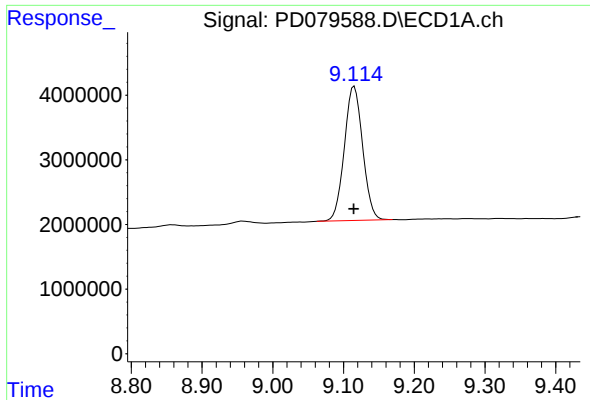
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 90199427
Conc: 53.29 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 133600725
Conc: 62.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 37344379
Conc: 18.62 ng/ml

Instrument :

ECD_D

ClientSampleId :

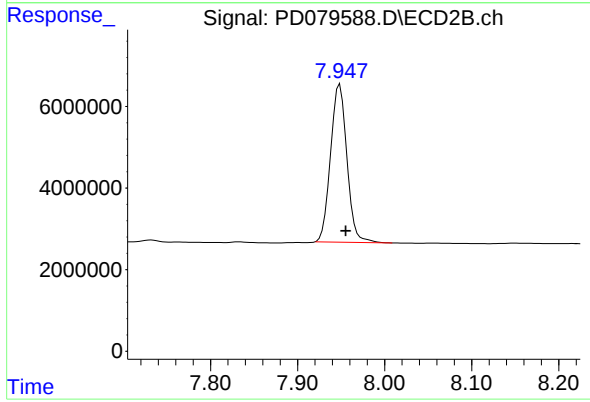
67S-IDW-01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 50543759
Conc: 20.74 ng/ml