

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081822\
 Data File : PD071628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 11:14
 Operator : AR\AJ
 Sample : N4210-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BGC46MSD

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 01:58:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081122CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 11 04:21:34 2022
 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 x 0.50µm

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

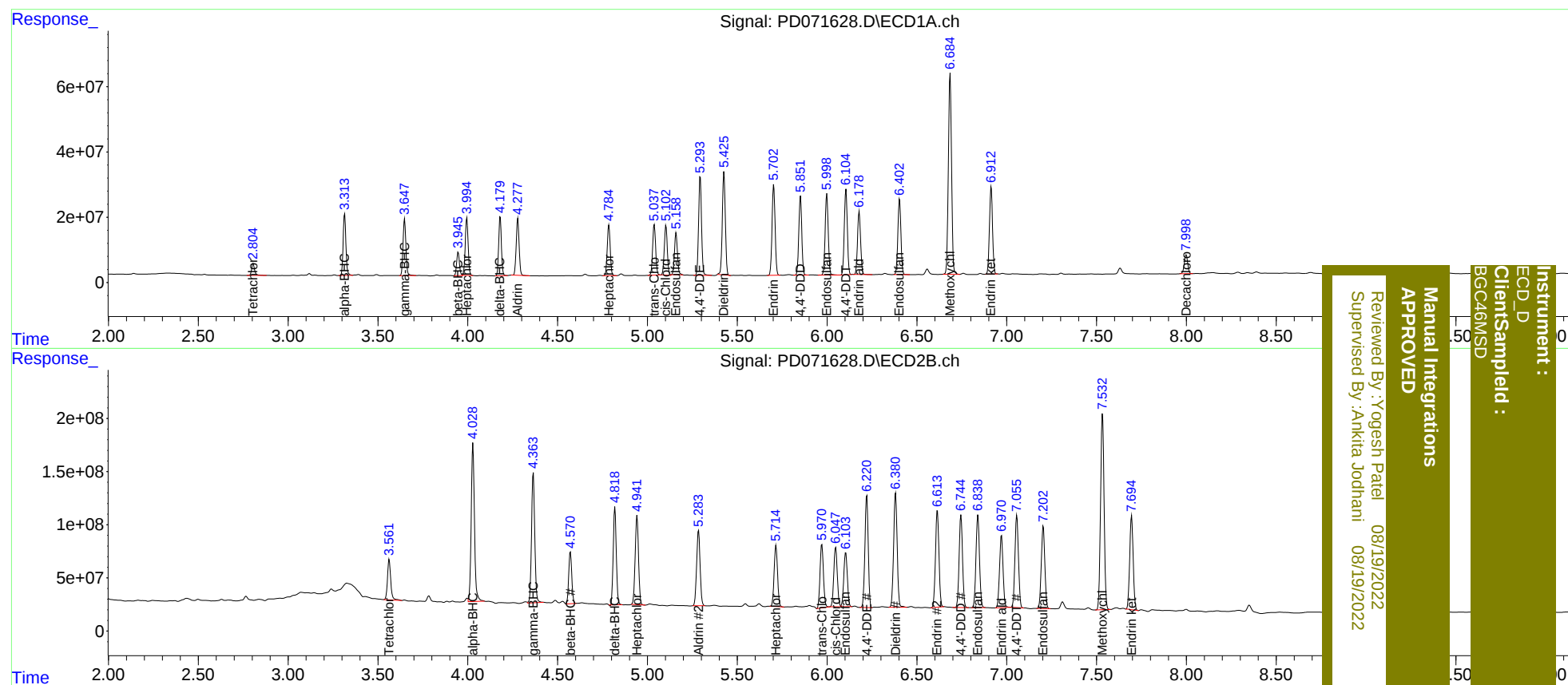
System Monitoring Compounds							
1)	SA Tetrachlo...	2.805	3.563	41873506	481.0E6	14.679	14.675
27)	SA Decachlor...	7.999	9.089	77611184	292.8E6	27.643	30.545
Target Compounds							
2)	A alpha-BHC	3.315	4.029	200.0E6	1873.6E6	48.605	44.362
3)	MA gamma-BHC...	3.648	4.365	192.6E6	1519.8E6	48.931	43.242
4)	MA Heptachlor	3.994	4.942	197.3E6	1078.5E6	48.505m	41.938
5)	MB Aldrin	4.279	5.285	196.2E6	947.2E6	47.347	42.331
6)	B beta-BHC	3.945	4.570	76946140	576.9E6	43.475m	39.942m
7)	B delta-BHC	4.181	4.819	189.6E6	1081.7E6	47.759	38.573
8)	B Heptachlo...	4.786	5.716	176.9E6	757.5E6	46.394	38.051
9)	A Endosulfan I	5.158	6.104	147.7E6	697.4E6	43.376m	43.255
10)	B trans-Chl...	5.038	5.971	179.2E6	787.8E6	45.040	43.098
11)	B cis-Chlor...	5.102	6.048	174.8E6	756.3E6	44.882m	42.338
12)	B 4,4'-DDE	5.294	6.221	344.5E6	1356.3E6	96.923	86.171
13)	MA Dieldrin	5.426	6.381	365.9E6	1477.2E6	96.479	89.164
14)	MA Endrin	5.703	6.614	328.5E6	1221.2E6	100.171	96.229
15)	B Endosulfa...	5.999	6.840	295.9E6	1184.4E6	94.868	90.590
16)	A 4,4'-DDD	5.852	6.746	278.4E6	1142.0E6	102.324	93.792
17)	MA 4,4'-DDT	6.106	7.056	304.5E6	1178.7E6	107.778	99.641
18)	B Endrin al...	6.179	6.971	229.3E6	921.3E6	85.486	83.797
19)	B Endosulfa...	6.404	7.204	274.0E6	1062.6E6	89.048	86.683
20)	A Methoxychlor	6.685	7.533	762.9E6	2500.9E6	528.411	475.431
21)	B Endrin ke...	6.914	7.695	319.6E6	1193.2E6	93.526	90.916

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081822\
Data File : PD071628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2022 11:14
Operator : AR\AJ
Sample : N4210-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 01:58:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081122CLP.M
Quant Title : GC Extractables
QLast Update : Thu Aug 11 04:21:34 2022
Response via : Initial Calibration
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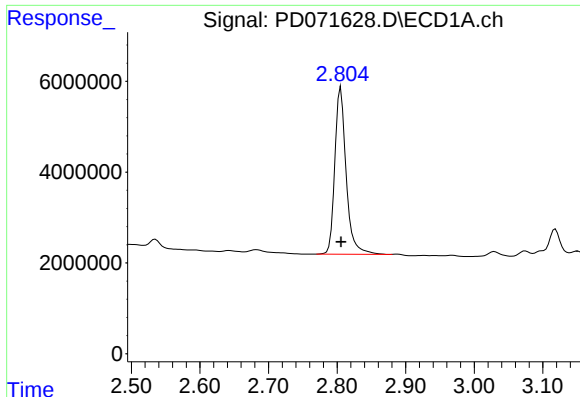
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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Manual Integrations
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Instrument :
ECD_D
ClientSampled :
BGC46MSD



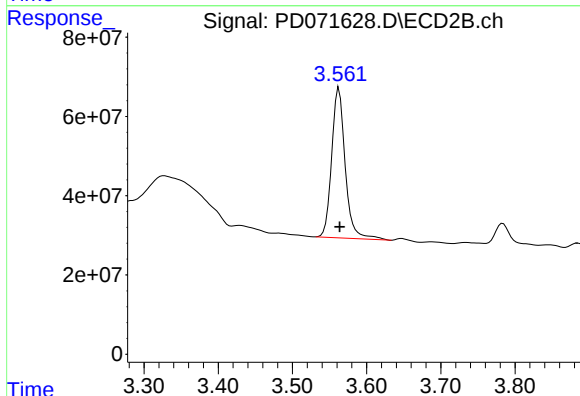
#1 Tetrachloro-m-xylene

R.T.: 2.805 min
Delta R.T.: 0.000 min
Response: 41873506
Conc: 14.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

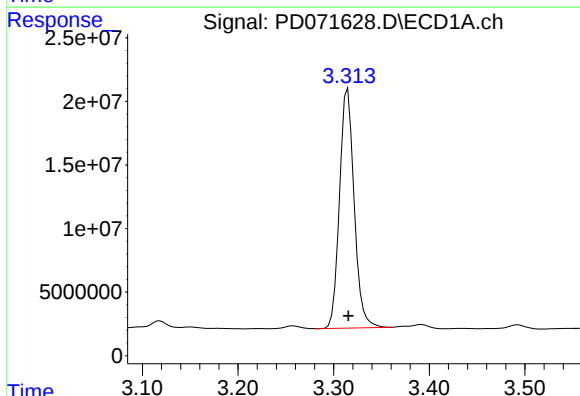
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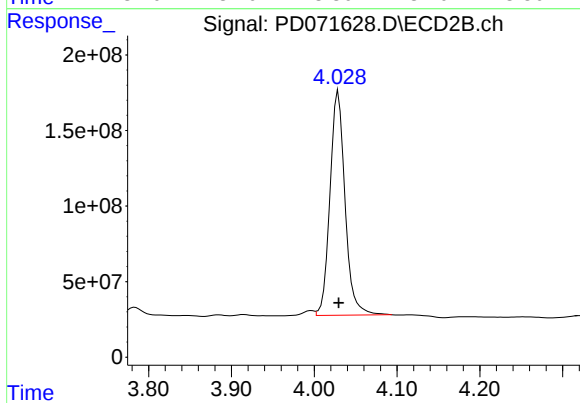
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 481021389
Conc: 14.67 ng/ml



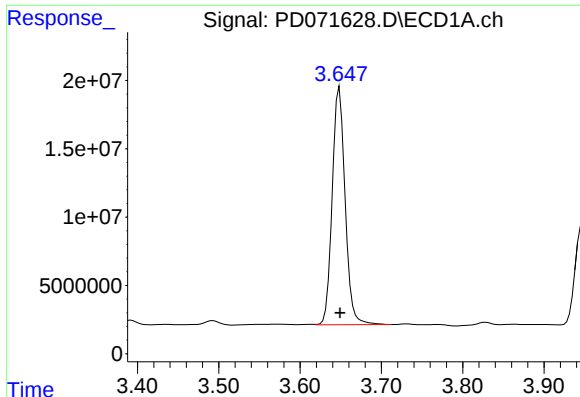
#2 alpha-BHC

R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 199955194
Conc: 48.61 ng/ml



#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 1873590549
Conc: 44.36 ng/ml



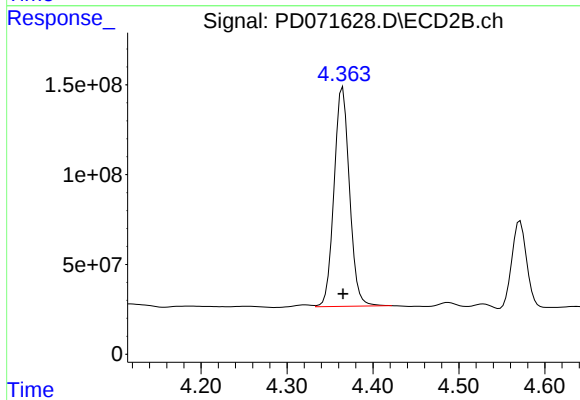
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 192578669
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

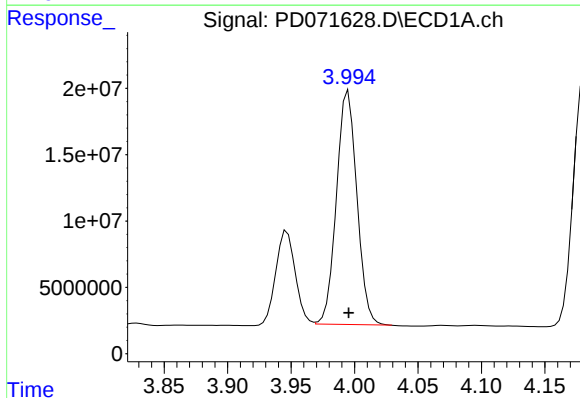
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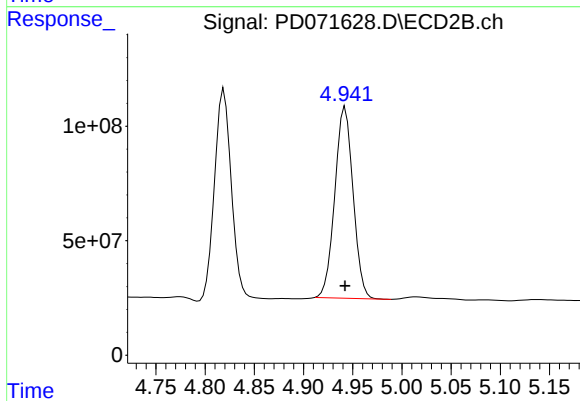
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1519827633
Conc: 43.24 ng/ml



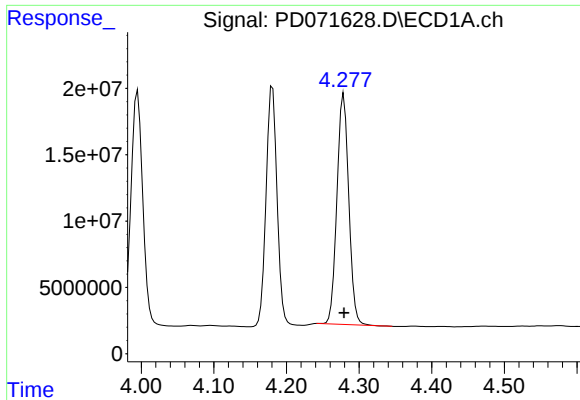
#4 Heptachlor

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 197282643
Conc: 48.51 ng/ml m



#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 1078543578
Conc: 41.94 ng/ml



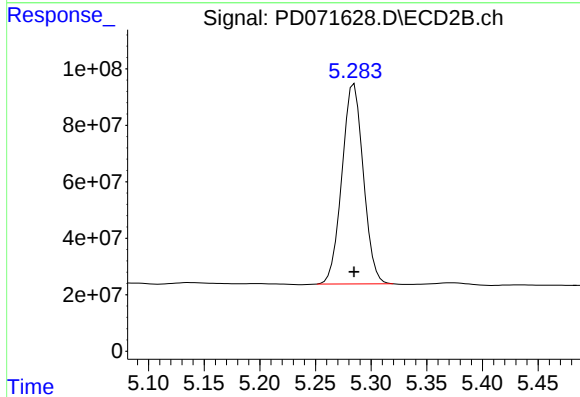
#5 Aldrin

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 196215407
Conc: 47.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

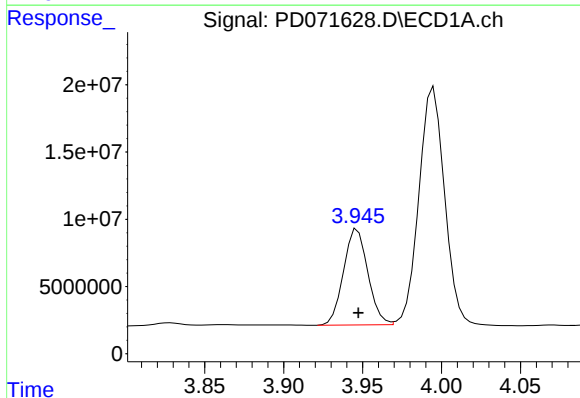
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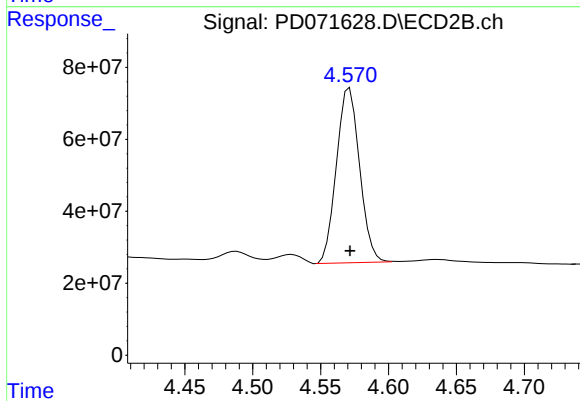
#5 Aldrin

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 947178245
Conc: 42.33 ng/ml



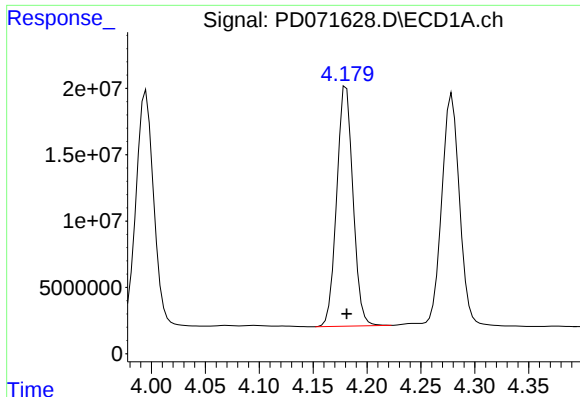
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: -0.002 min
Response: 76946140
Conc: 43.48 ng/ml m



#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 576947630
Conc: 39.94 ng/ml m



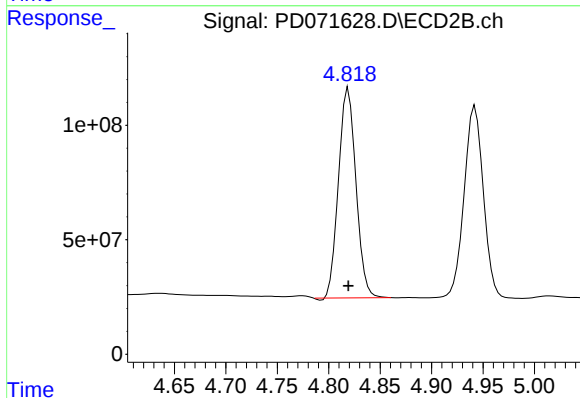
#7 delta-BHC

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 189572804
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

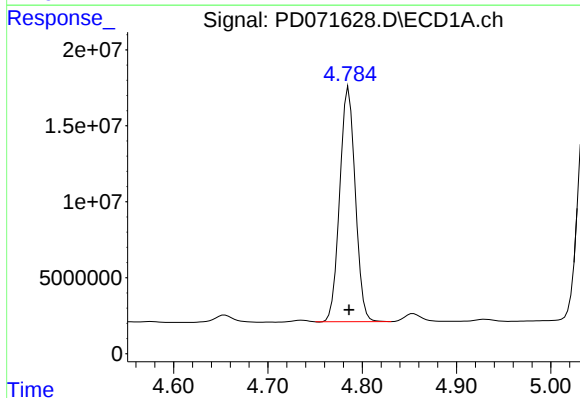
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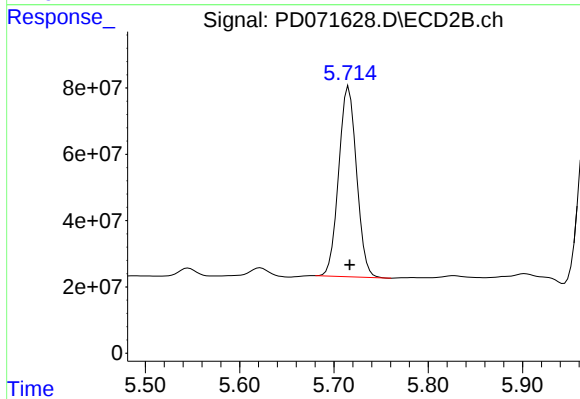
#7 delta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 1081707407
Conc: 38.57 ng/ml



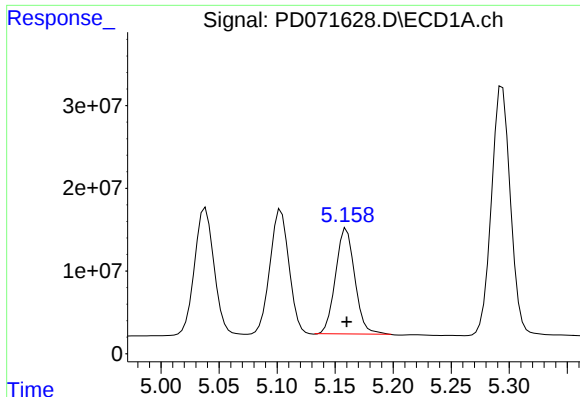
#8 Heptachlor epoxide

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 176873724
Conc: 46.39 ng/ml



#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 757459930
Conc: 38.05 ng/ml



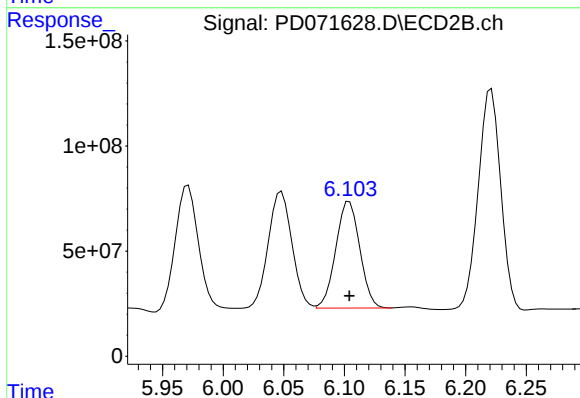
#9 Endosulfan I

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 147654083
Conc: 43.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

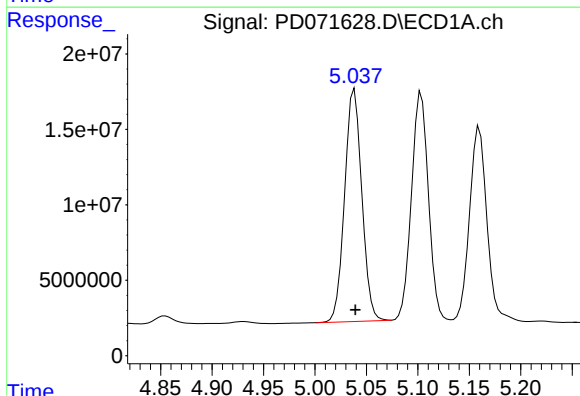
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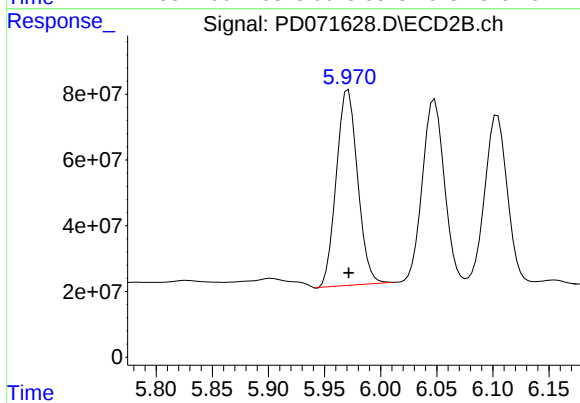
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 697420621
Conc: 43.26 ng/ml



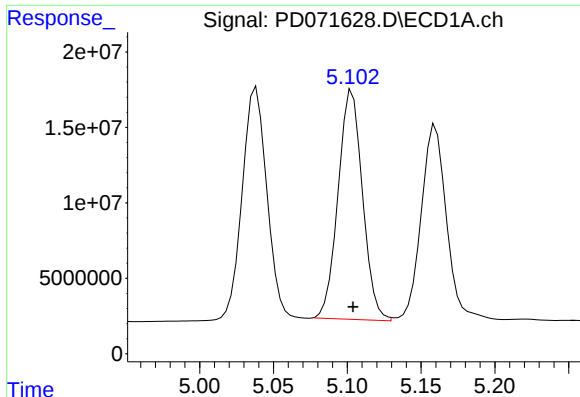
#10 trans-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 179196128
Conc: 45.04 ng/ml



#10 trans-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 787801181
Conc: 43.10 ng/ml



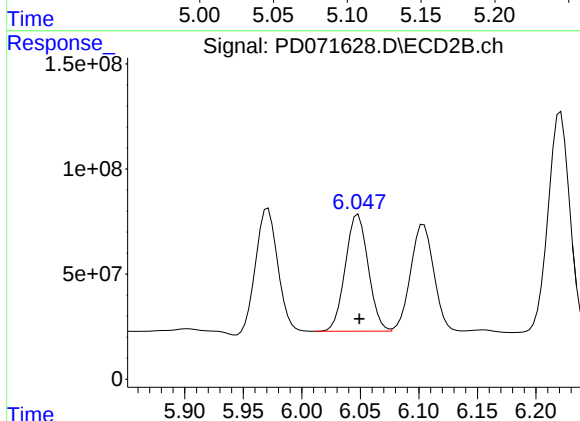
#11 cis-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 174762607
Conc: 44.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

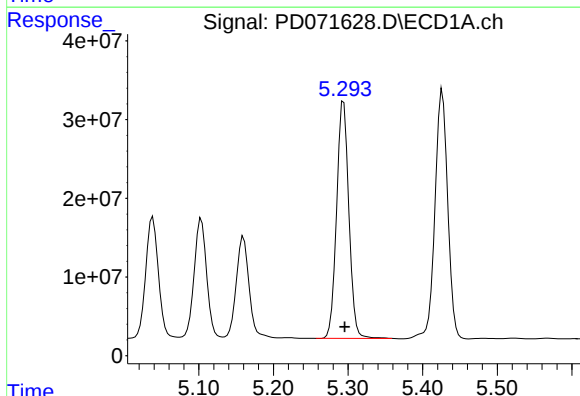
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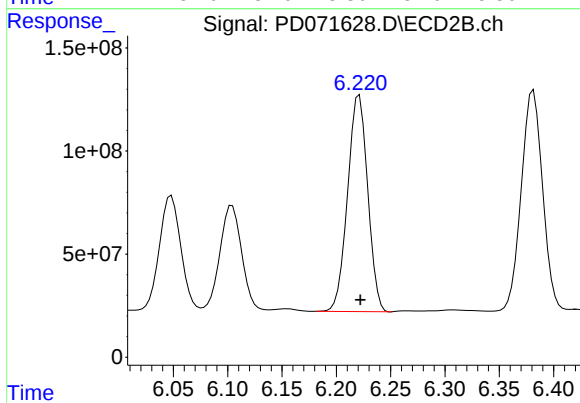
#11 cis-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.001 min
Response: 756326123
Conc: 42.34 ng/ml



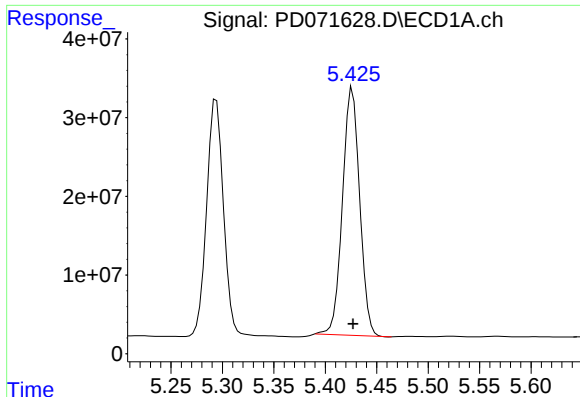
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 344492488
Conc: 96.92 ng/ml



#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 1356264640
Conc: 86.17 ng/ml



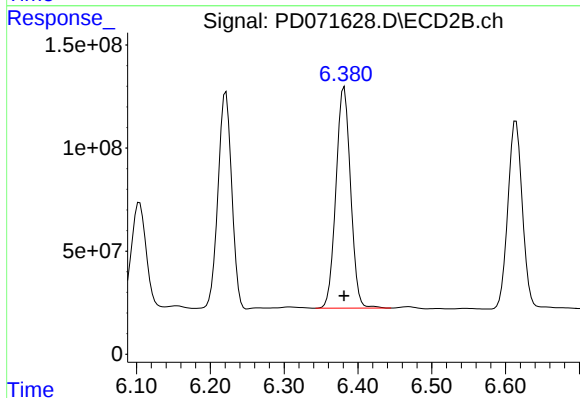
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 365888278
Conc: 96.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

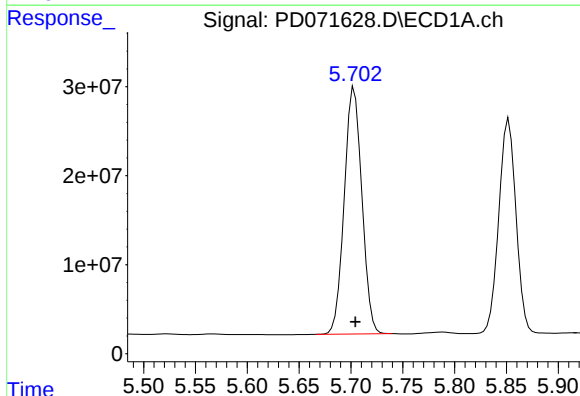
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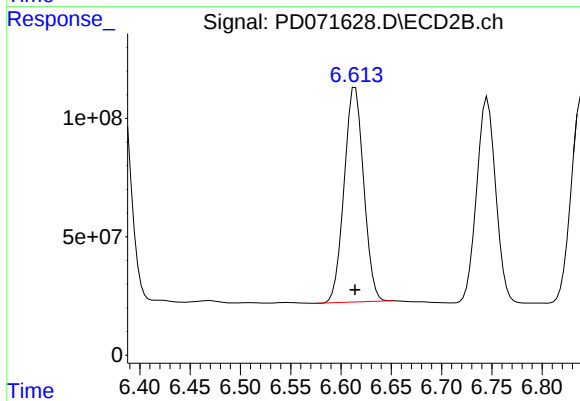
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 1477188238
Conc: 89.16 ng/ml



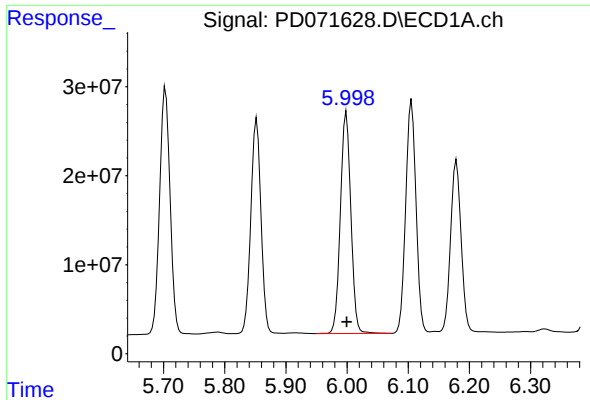
#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 328461478
Conc: 100.17 ng/ml



#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 1221222424
Conc: 96.23 ng/ml



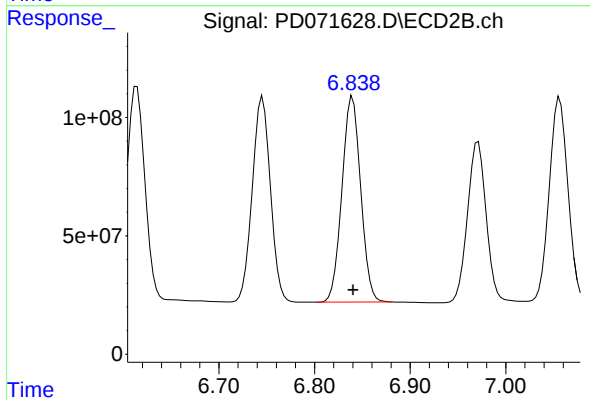
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 295909383
Conc: 94.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

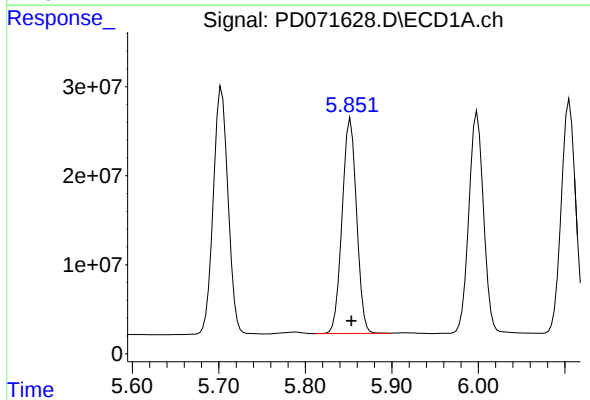
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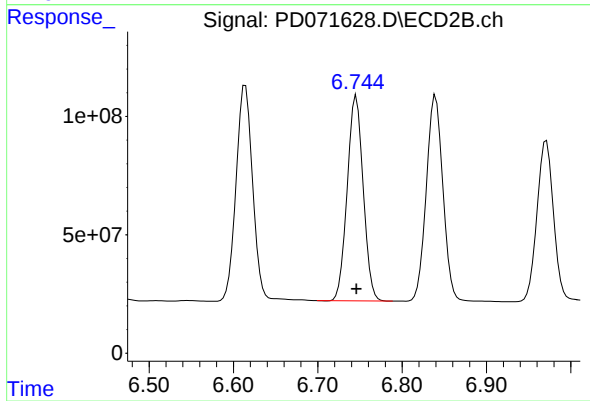
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 1184397257
Conc: 90.59 ng/ml



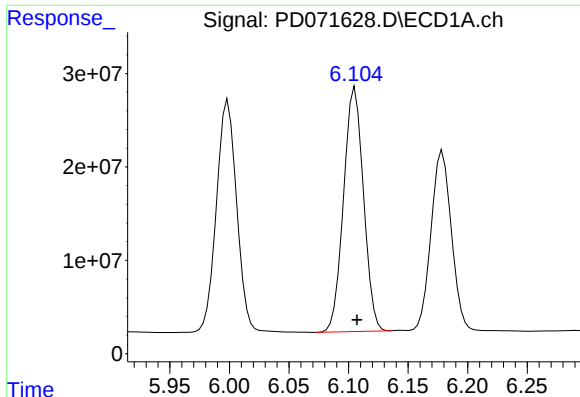
#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 278373363
Conc: 102.32 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 1141988427
Conc: 93.79 ng/ml



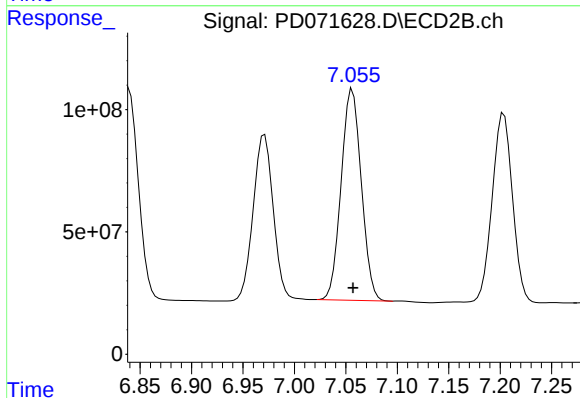
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 304499576
Conc: 107.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

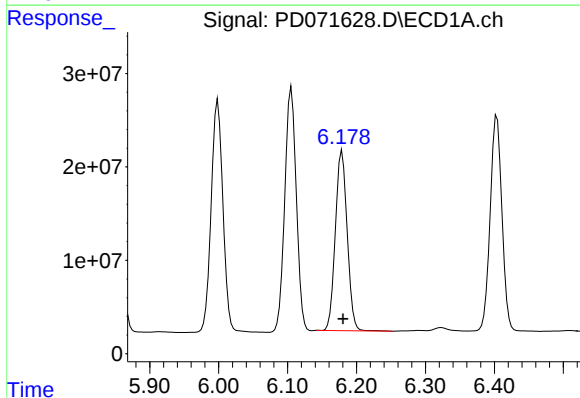
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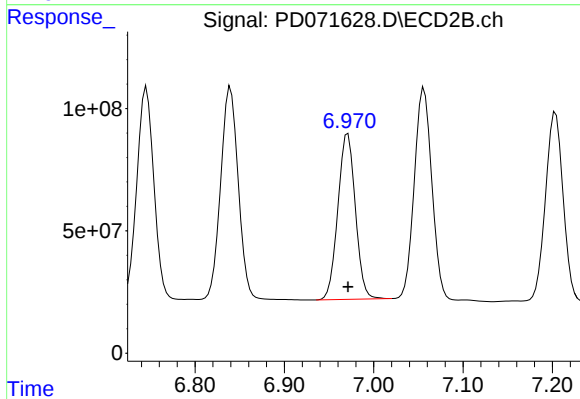
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1178742681
Conc: 99.64 ng/ml



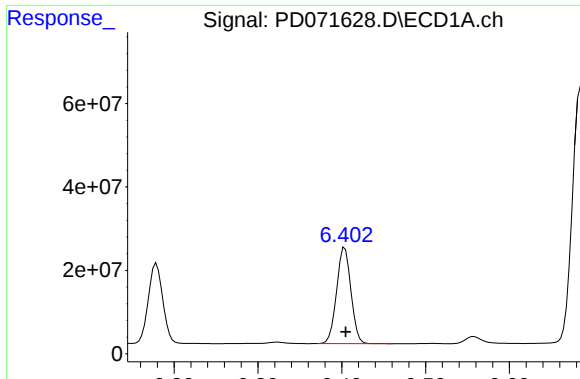
#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 229276978
Conc: 85.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 921321336
Conc: 83.80 ng/ml



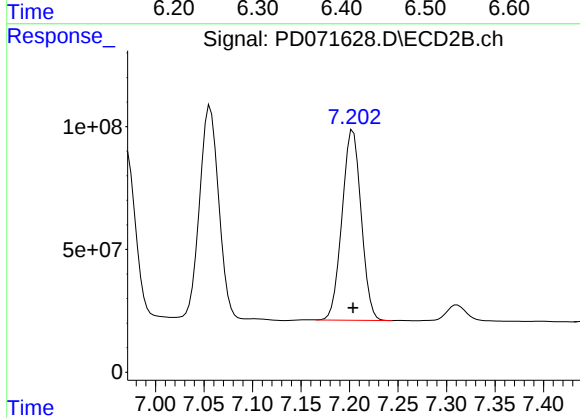
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 273985506
Conc: 89.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

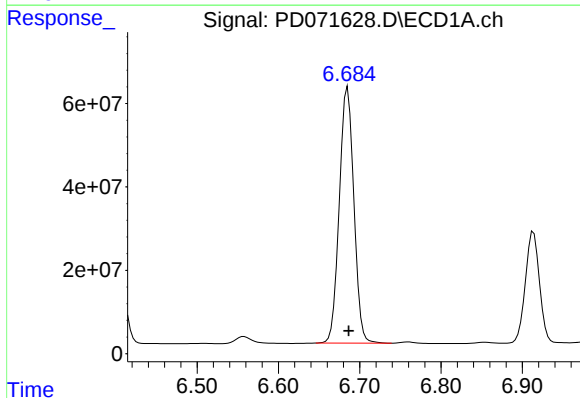
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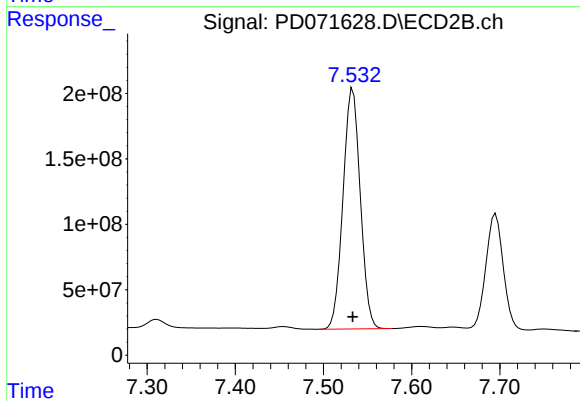
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 1062618122
Conc: 86.68 ng/ml



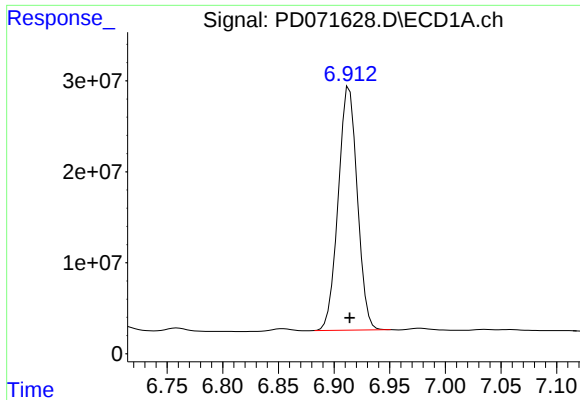
#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: -0.001 min
Response: 762899641
Conc: 528.41 ng/ml



#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 2500856492
Conc: 475.43 ng/ml



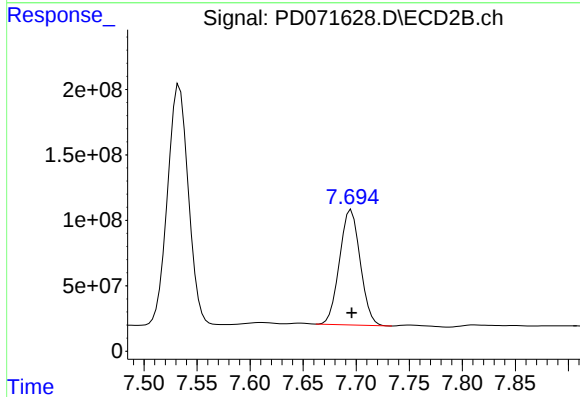
#21 Endrin ketone

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 319626916
Conc: 93.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
BGC46MSD

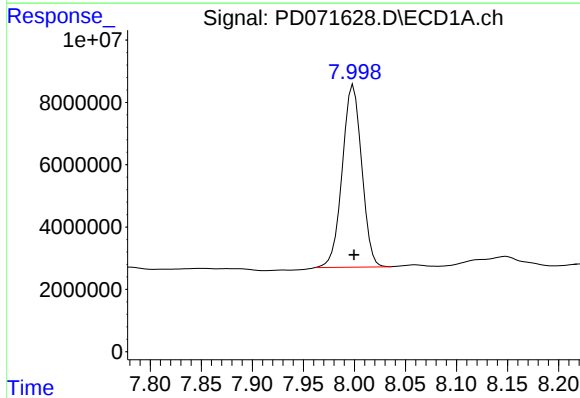
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APPROVED

Reviewed By :Yogesh Patel 08/19/2022
Supervised By :Ankita Jodhani 08/19/2022



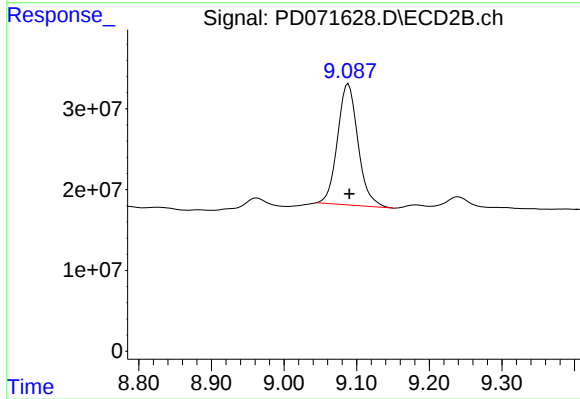
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 1193153558
Conc: 90.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 77611184
Conc: 27.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.001 min
Response: 292824069
Conc: 30.55 ng/ml