

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060821\
 Data File : PD063663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2021 01:15
 Operator : AR\AJ
 Sample : M2589-04MSD 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B8(0-2)MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 01:55:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.439	3.969	6883208	49753167	4.974	3.713m#
2)	SA Decachlor...	8.189	9.024	18863130	216.6E6	11.994	15.673 #
Target Compounds							
2)	A alpha-BHC	3.874	4.357	19090704	239.8E6	9.131	11.602m#
3)	MA gamma-BHC...	4.160	4.641	35345997	264.6E6	17.997	13.953m
4)	MA Heptachlor	4.459	5.149	20551787	214.3E6	10.585	11.216m
5)	MB Aldrin	4.706	5.453	29660710	358.2E6	15.694	18.422m
6)	B beta-BHC	4.409	4.819	12396493	119.1E6	14.250	15.121m
7)	B delta-BHC	4.613	5.030	23042891	236.2E6	11.749	9.962
8)	B Heptachlo...	5.150	5.840	17457470	265.7E6	9.962	14.535 #
9)	A Endosulfan I	5.489	6.196	7040781	172.4E6	4.272m	10.121m#
10)	B gamma-Chl...	5.375	6.074	41127253	629.0E6	23.029m	33.859 #
11)	B alpha-Chl...	5.434	6.146	46739885	488.9E6	26.432	27.502m
12)	B 4,4'-DDE	5.597	6.301	25026612	224.2E6	14.394m	12.339
13)	MA Dieldrin	5.730	6.455	56040798	296.0E6	31.906m	16.351 #
14)	MA Endrin	5.987	6.668	19211774	207.6E6	12.080m	13.505m
15)	B Endosulfa...	6.262	6.882	20980863	262.2E6	14.964	17.778
16)	A 4,4'-DDD	6.114	6.794	21270584	327.4E6	14.667m	22.004 #
17)	MA 4,4'-DDT	6.353	7.093	26264950	234.8E6	18.180m	15.602
18)	B Endrin al...	6.432	7.003	12063589	94291355	10.139	7.782
19)	B Endosulfa...	6.644	7.229	16134503	191.6E6	12.625m	12.634
20)	A Methoxychlor	6.888	7.543	10319499	117.1E6	12.939m	15.812m
21)	B Endrin ke...	7.133	7.697	15928683	310.6E6	8.979m	21.241m#
22)	Mirex	7.323	8.151	4898751	99207237	4.267m	9.922 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060821\
Data File : PD063663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2021 01:15
Operator : AR\AJ
Sample : M2589-04MSD 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

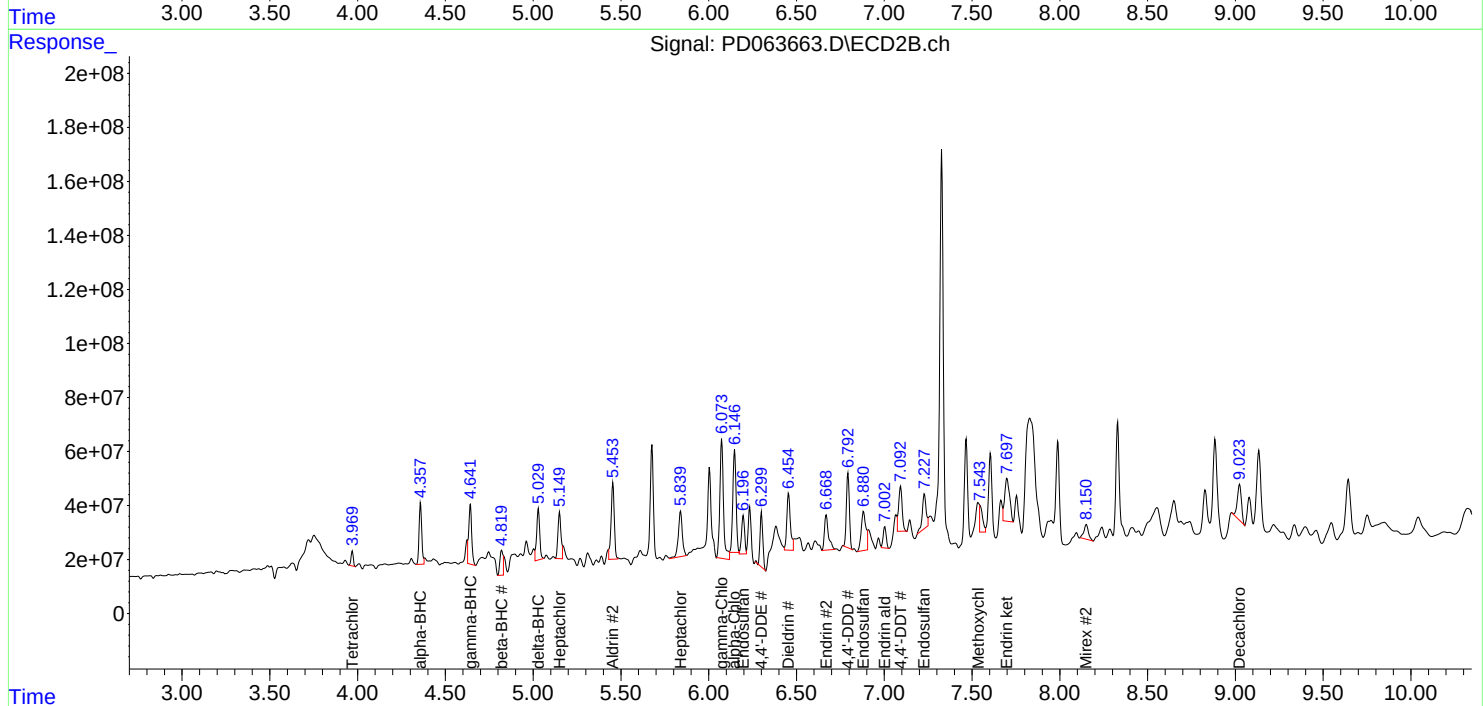
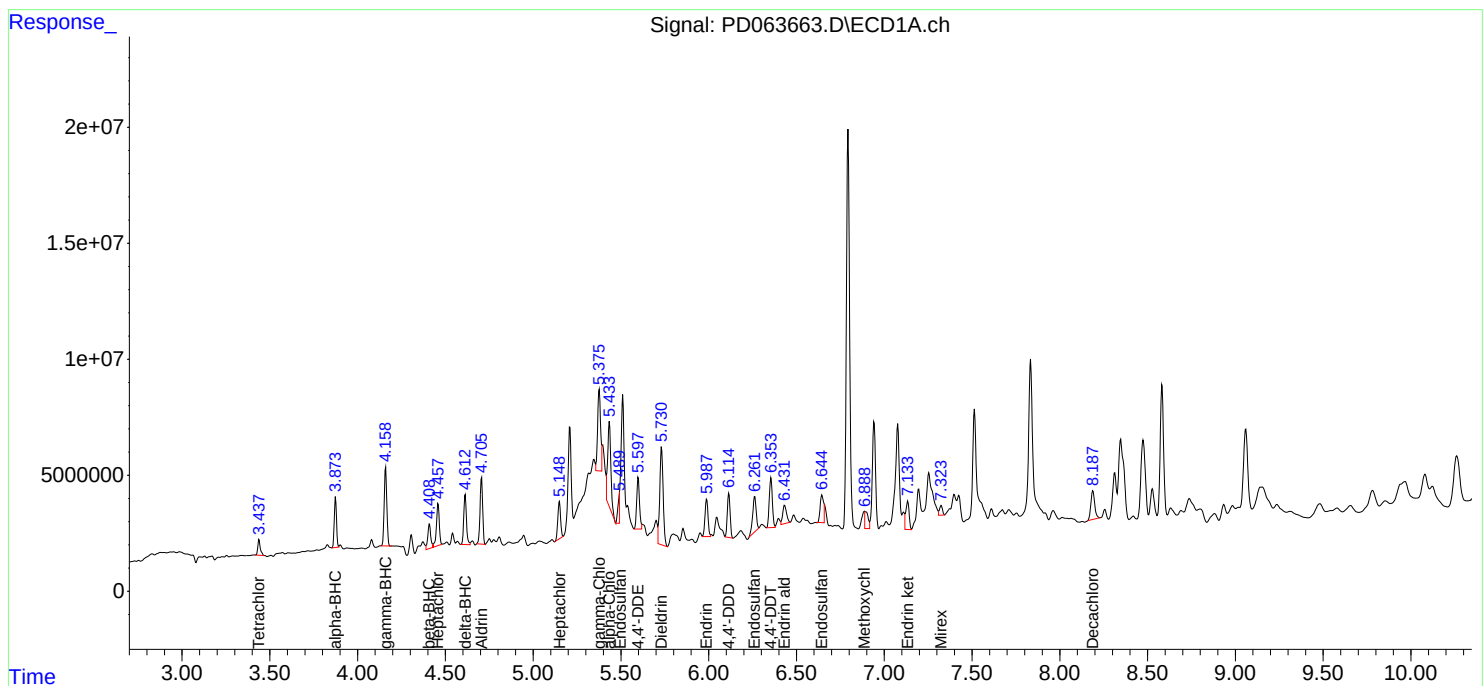
Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

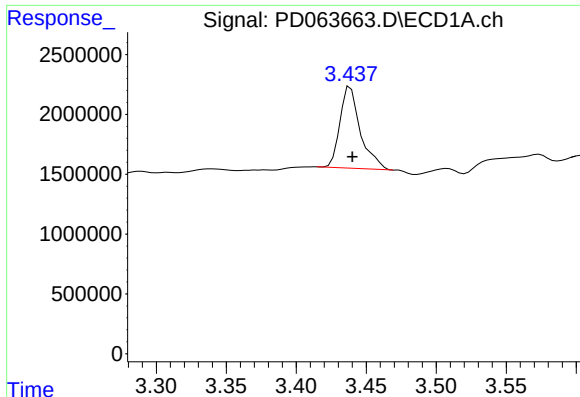
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 01:55:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 01:33:41 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





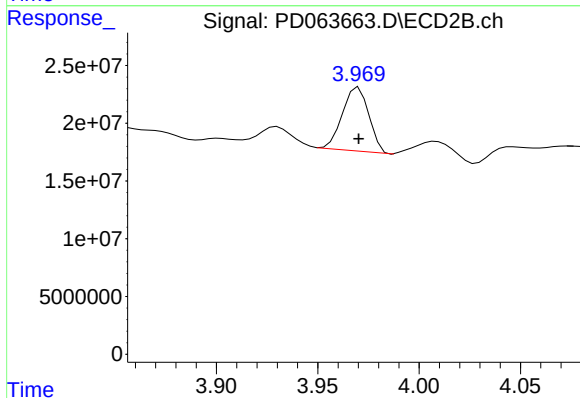
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: -0.001 min
Response: 6883208
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

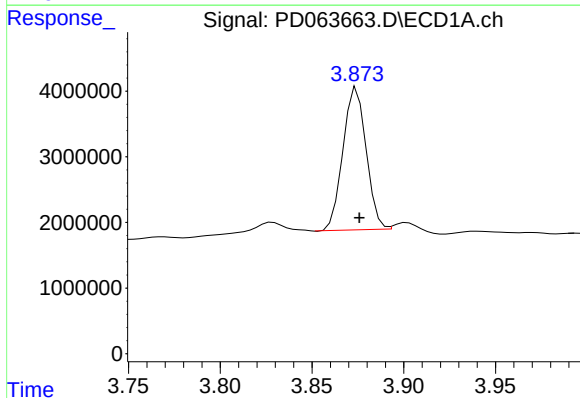
Manual Integrations
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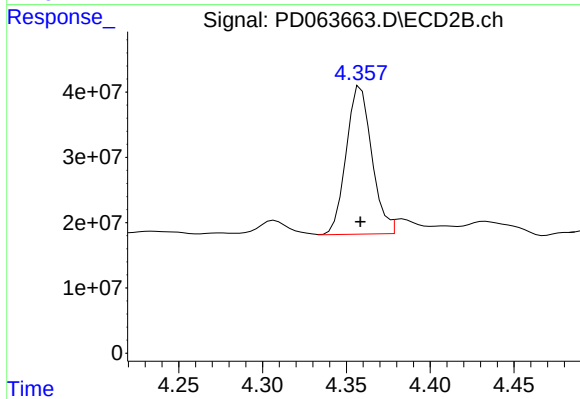
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 49753167
Conc: 3.71 ng/ml m



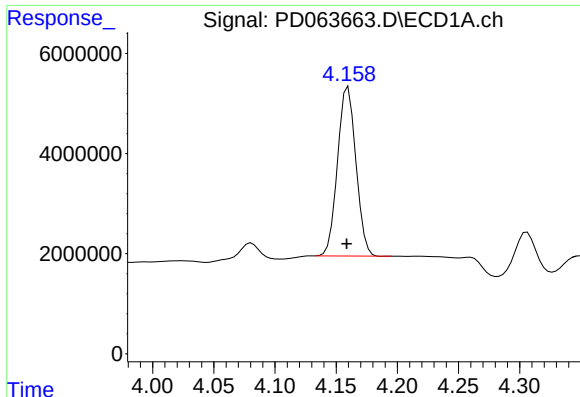
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.001 min
Response: 19090704
Conc: 9.13 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 239815783
Conc: 11.60 ng/ml m



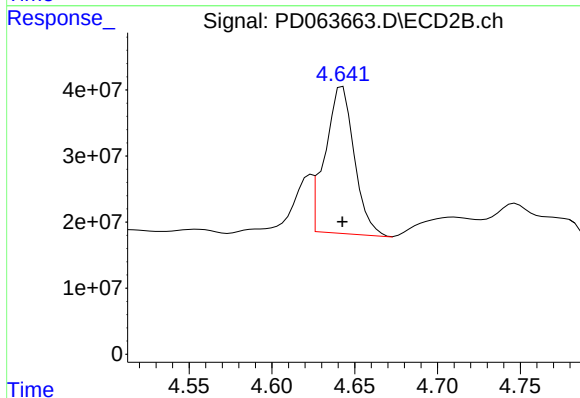
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: 0.001 min
Response: 35345997
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

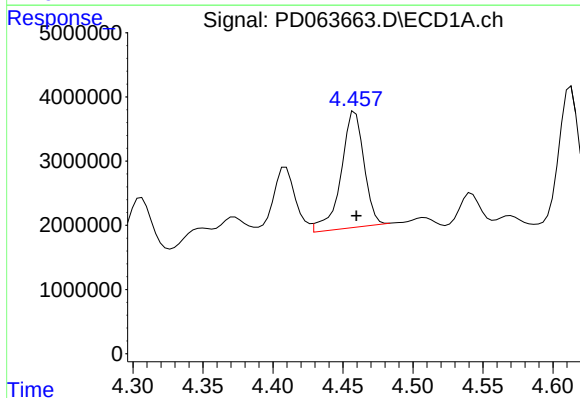
Manual Integrations
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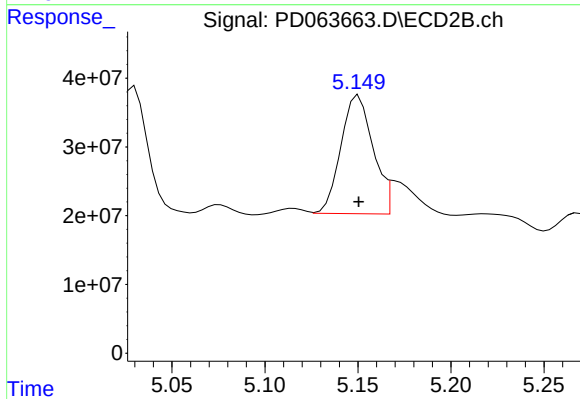
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.001 min
Response: 264645604
Conc: 13.95 ng/ml m



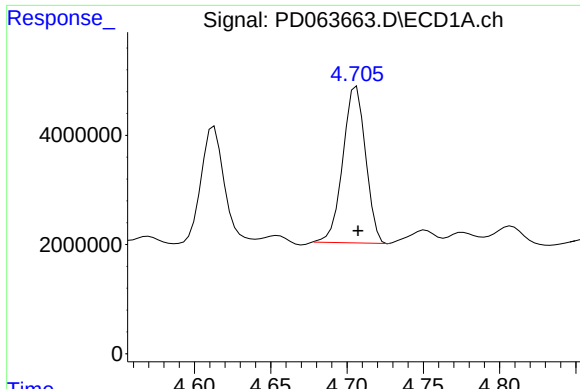
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 20551787
Conc: 10.59 ng/ml



#4 Heptachlor

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 214336650
Conc: 11.22 ng/ml m



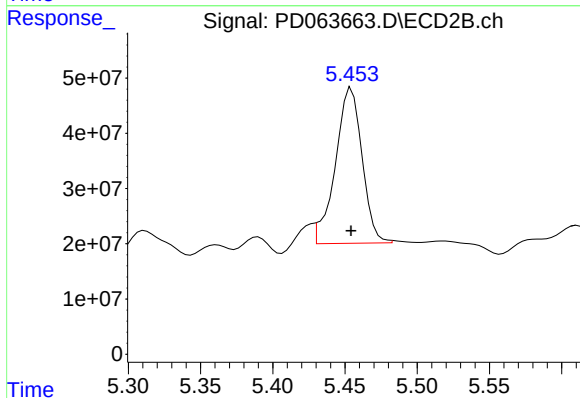
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 29660710
Conc: 15.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

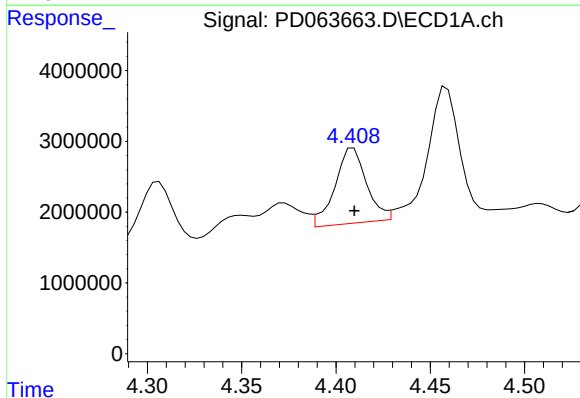
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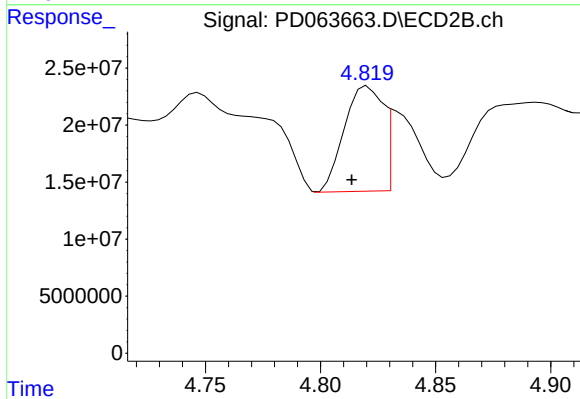
#5 Aldrin

R.T.: 5.453 min
Delta R.T.: -0.001 min
Response: 358185901
Conc: 18.42 ng/ml m



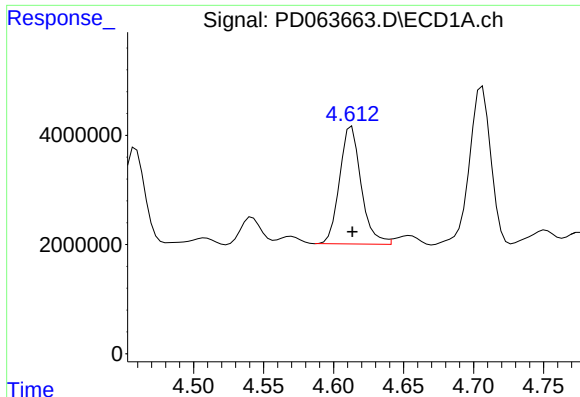
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 12396493
Conc: 14.25 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.006 min
Response: 119054956
Conc: 15.12 ng/ml m



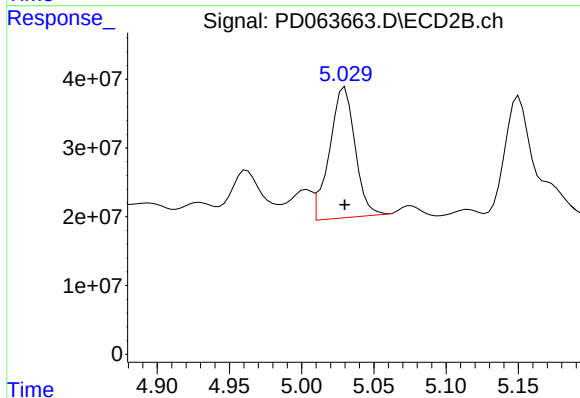
#7 delta-BHC

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 23042891
Conc: 11.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

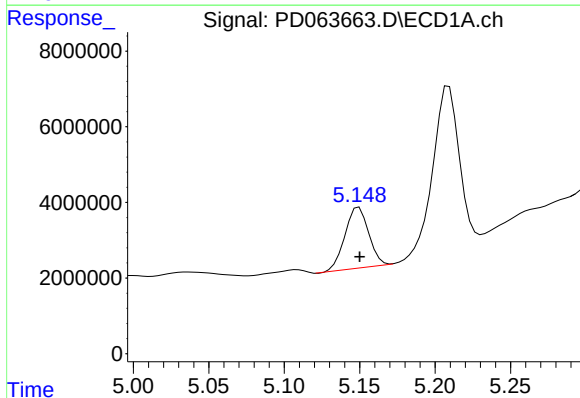
Manual Integrations
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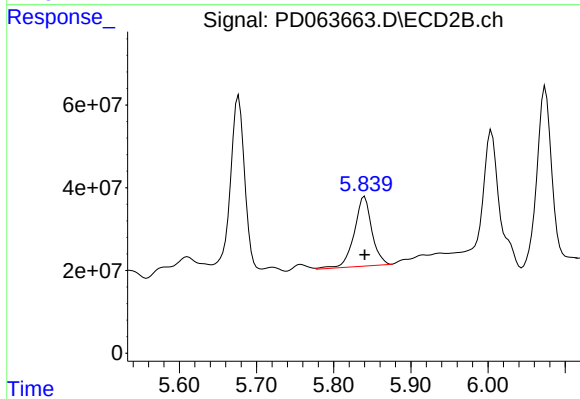
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 236235336
Conc: 9.96 ng/ml



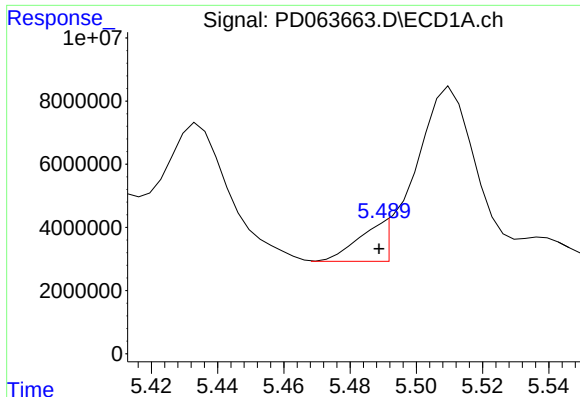
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 17457470
Conc: 9.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 265704238
Conc: 14.53 ng/ml



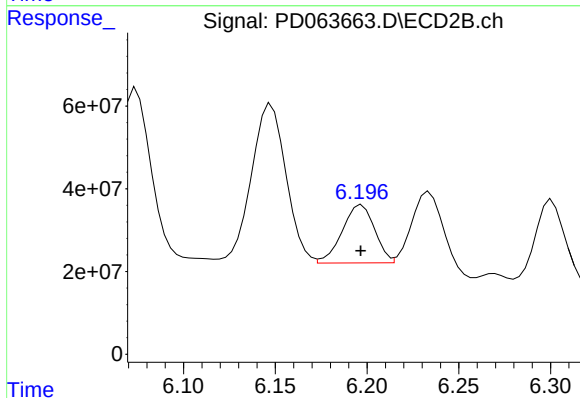
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 7040781
Conc: 4.27 ng/ml m

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

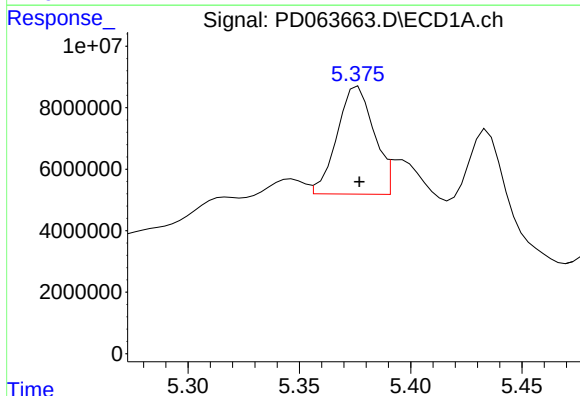
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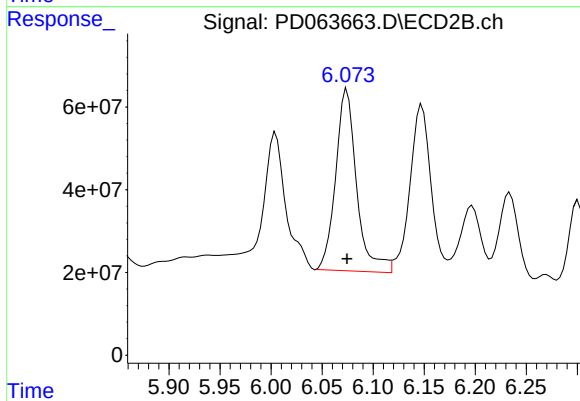
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 172436427
Conc: 10.12 ng/ml m



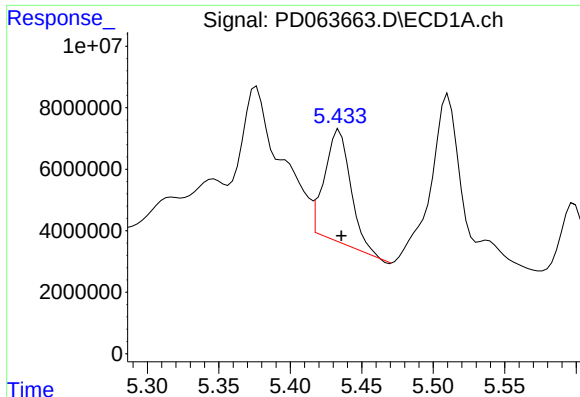
#10 gamma-Chlordane

R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 41127253
Conc: 23.03 ng/ml m



#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 628991070
Conc: 33.86 ng/ml



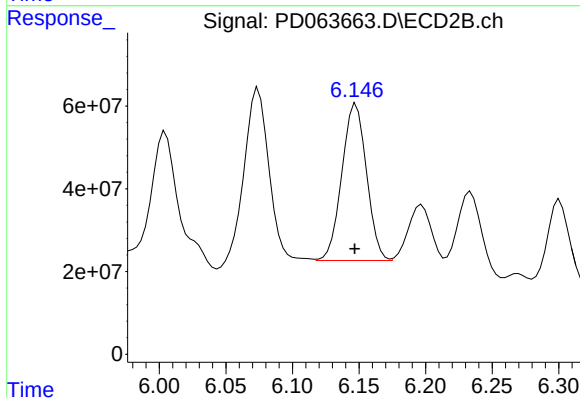
#11 alpha-Chlordane

R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 46739885
Conc: 26.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

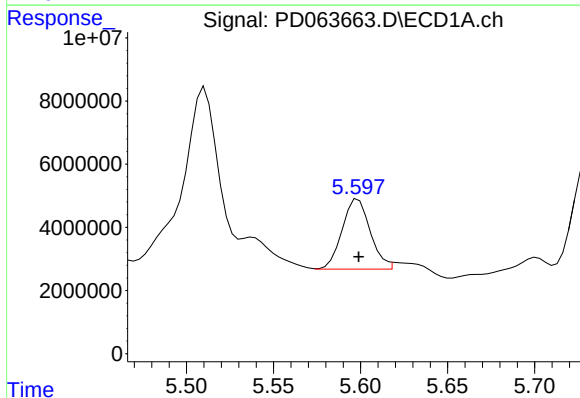
Manual Integrations
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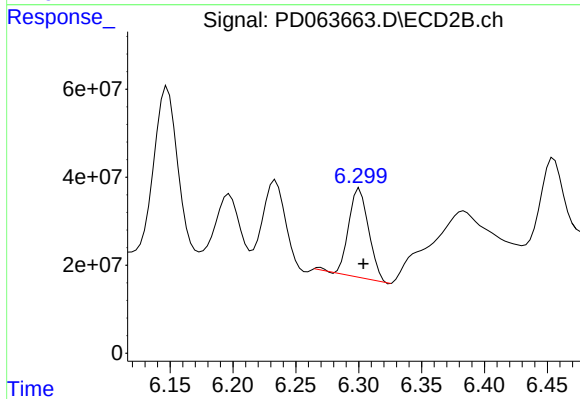
#11 alpha-Chlordane

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 488932097
Conc: 27.50 ng/ml m



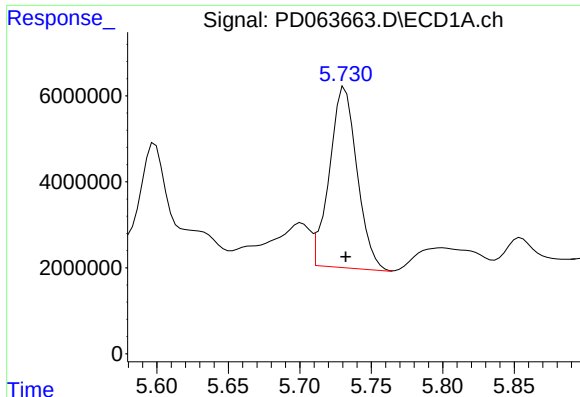
#12 4,4'-DDE

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 25026612
Conc: 14.39 ng/ml m



#12 4,4'-DDE

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 224235302
Conc: 12.34 ng/ml



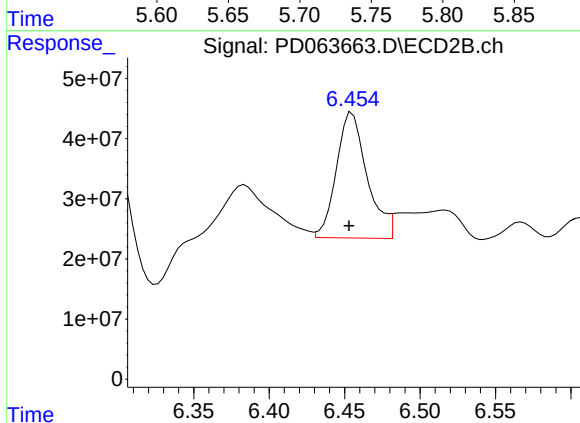
#13 Dieldrin

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 56040798
Conc: 31.91 ng/ml m

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

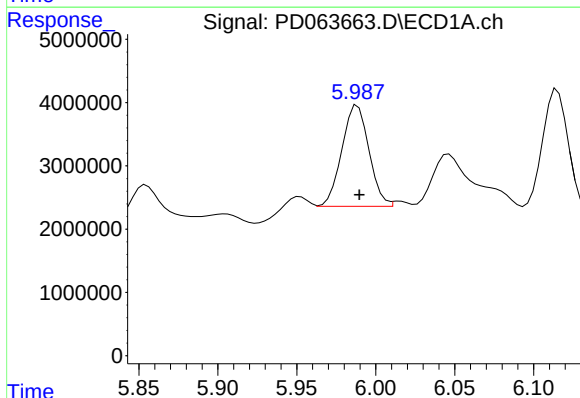
Manual Integrations
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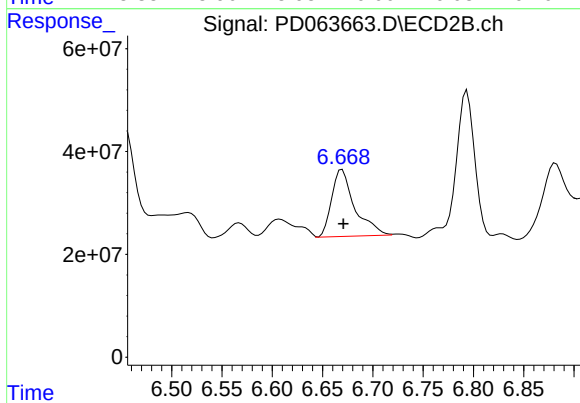
#13 Dieldrin

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 295984054
Conc: 16.35 ng/ml



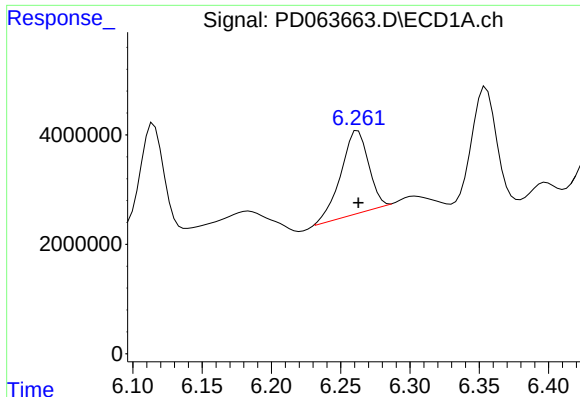
#14 Endrin

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 19211774
Conc: 12.08 ng/ml m



#14 Endrin

R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 207578813
Conc: 13.51 ng/ml m



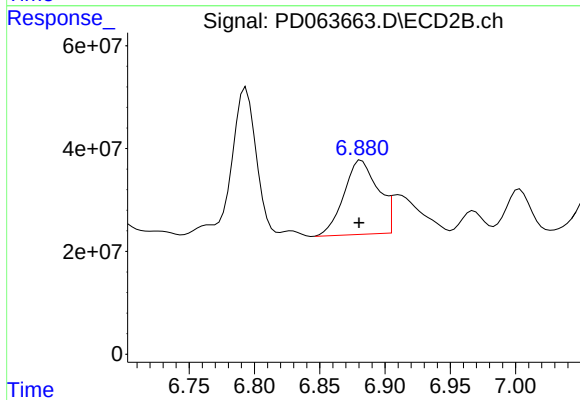
#15 Endosulfan II

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 20980863
Conc: 14.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

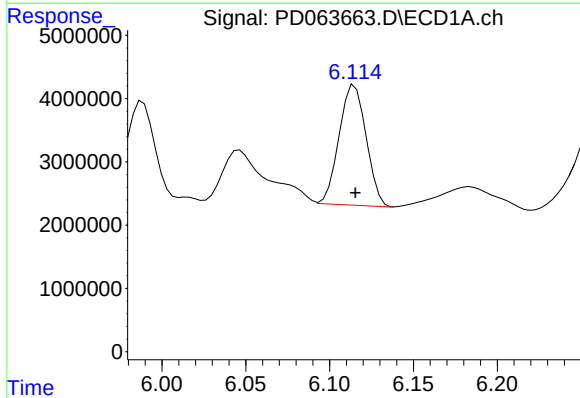
Manual Integrations
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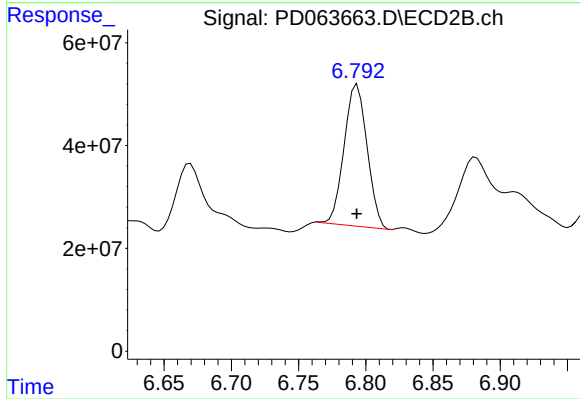
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 262153558
Conc: 17.78 ng/ml



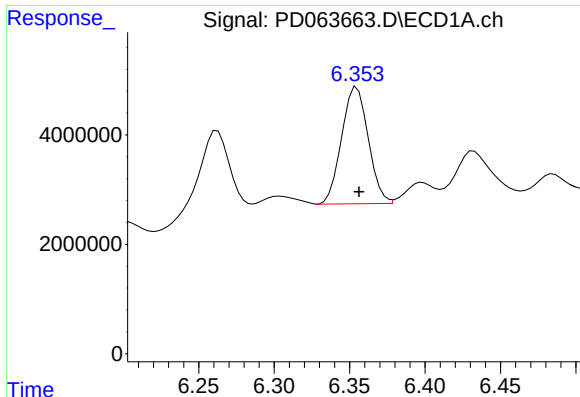
#16 4,4'-DDD

R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 21270584
Conc: 14.67 ng/ml m



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 327388886
Conc: 22.00 ng/ml



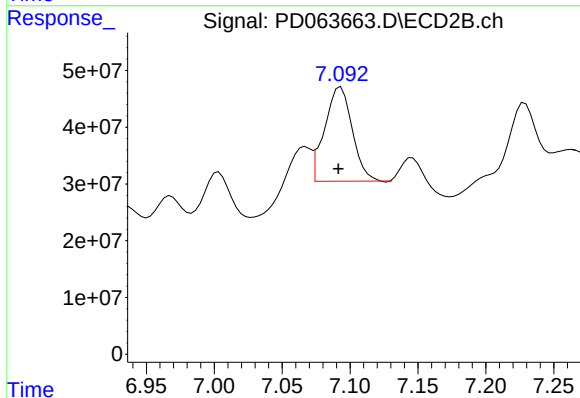
#17 4,4'-DDT

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 26264950
Conc: 18.18 ng/ml m

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

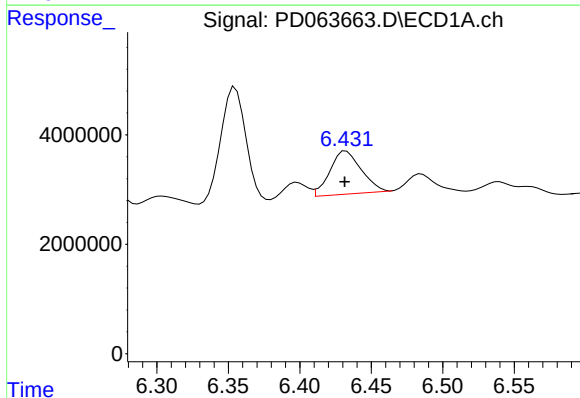
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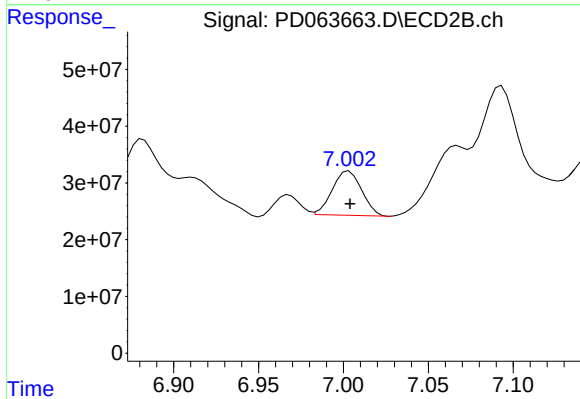
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 234836945
Conc: 15.60 ng/ml



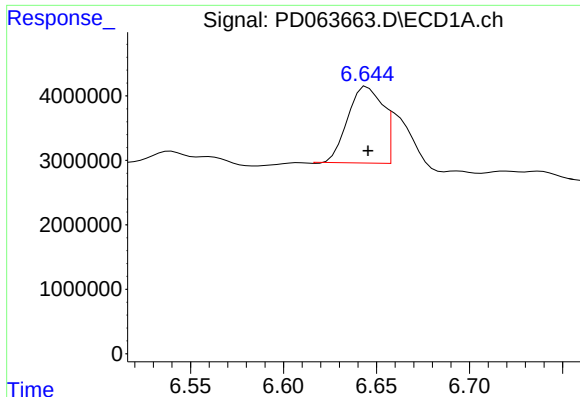
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 12063589
Conc: 10.14 ng/ml



#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 94291355
Conc: 7.78 ng/ml



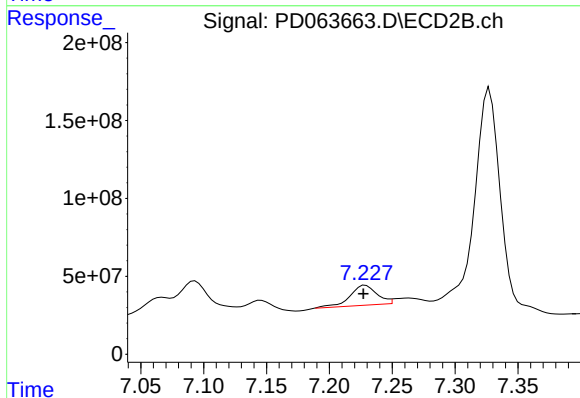
#19 Endosulfan Sulfate

R.T.: 6.644 min
Delta R.T.: -0.002 min
Response: 16134503
Conc: 12.62 ng/ml m

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

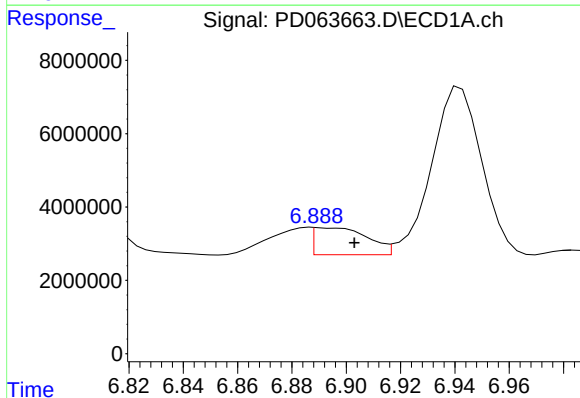
Manual Integrations
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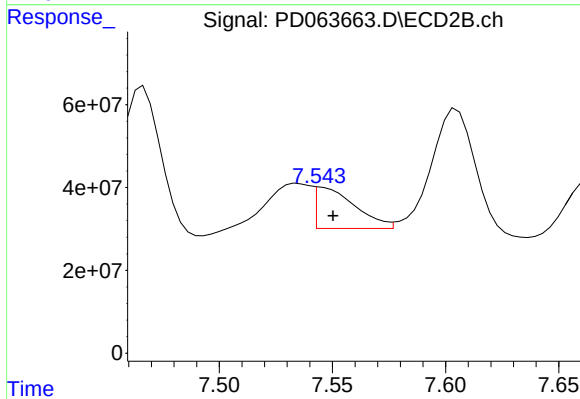
#19 Endosulfan Sulfate

R.T.: 7.229 min
Delta R.T.: 0.002 min
Response: 191582458
Conc: 12.63 ng/ml



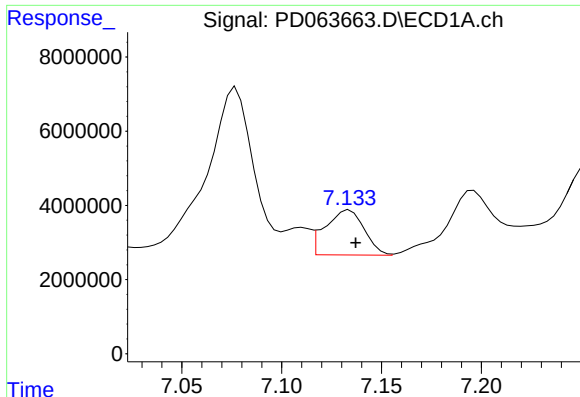
#20 Methoxychlor

R.T.: 6.888 min
Delta R.T.: -0.015 min
Response: 10319499
Conc: 12.94 ng/ml m



#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: -0.007 min
Response: 117112746
Conc: 15.81 ng/ml m



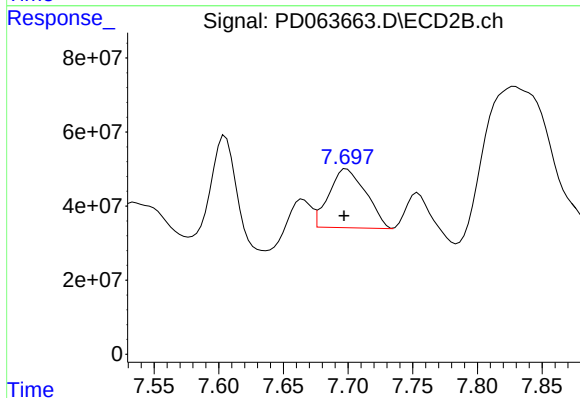
#21 Endrin ketone

R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 15928683
Conc: 8.98 ng/ml m

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

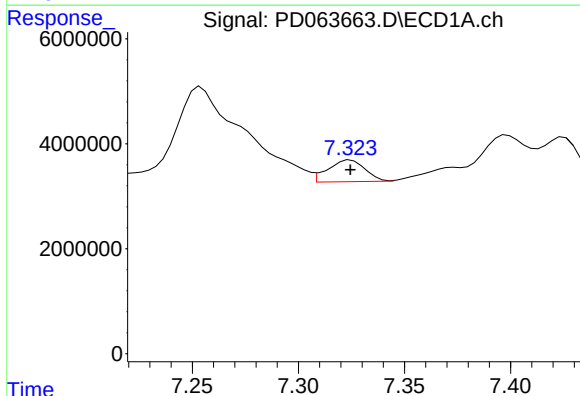
Manual Integrations
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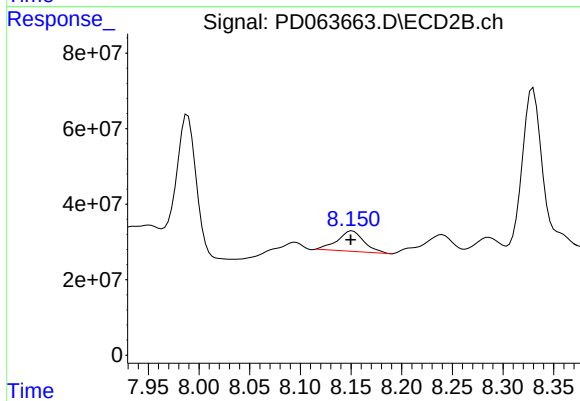
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 310594594
Conc: 21.24 ng/ml m



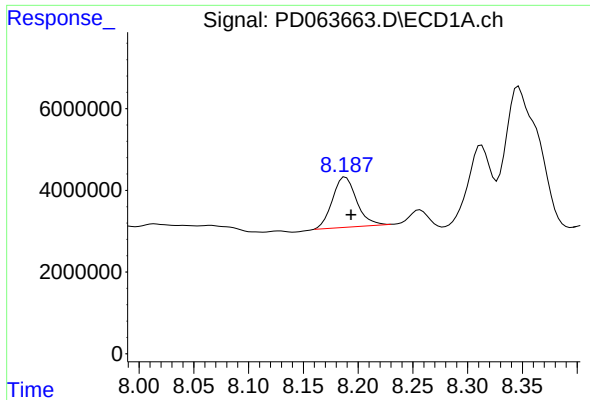
#22 Mirex

R.T.: 7.323 min
Delta R.T.: -0.001 min
Response: 4898751
Conc: 4.27 ng/ml m



#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 99207237
Conc: 9.92 ng/ml



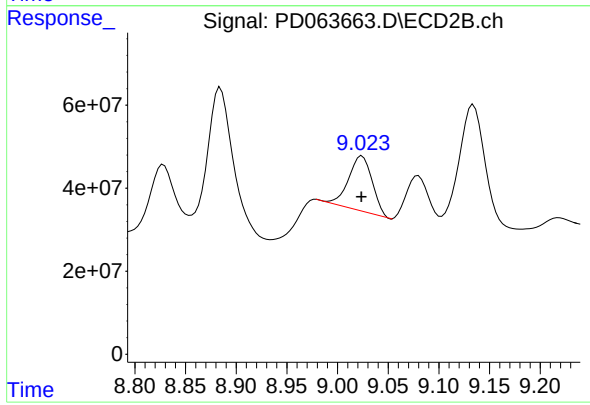
#28 Decachlorobiphenyl

R.T.: 8.189 min
Delta R.T.: -0.005 min
Response: 18863130
Conc: 11.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B8(0-2)MSD

Manual Integrations
APPROVED

Ankita
6/9/2021 1:41:40 PM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 216576553
Conc: 15.67 ng/ml