

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052521\
 Data File : PD063280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2021 16:31
 Operator : AR\AJ
 Sample : M2503-01MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OK-01-052421MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 00:02:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Mon May 24 14:48:18 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...	3.440	3.971	3566139	34241203	3.237	2.955
2) SA Decachlor...	8.196	9.025	3628984	30012048	2.883	2.942
Target Compounds						
2) A alpha-BHC	3.876	4.359	12058475	132.7E6	6.955	6.890
3) MA gamma-BHC...	4.159	4.643	11817846	126.0E6	7.269	7.300
4) MA Heptachlor	4.459	5.149	11147527	121.6E6	7.086	7.332m
5) MB Aldrin	4.708	5.454	10753410	123.2E6	7.019	7.379
6) B beta-BHC	4.410	4.814	5456094	48999411	N.D.	6.606
7) B delta-BHC	4.614	5.028	11196191	159.5E6	6.792	11.415m#
8) B Heptachlo...	5.151	5.841	10610083	124.6E6	7.362	8.146
9) A Endosulfan I	5.489	6.195	9879042	101.7E6	7.280	7.158m
10) B gamma-Chl...	5.377	6.074	10555133	125.8E6	7.196	8.069
11) B alpha-Chl...	5.436	6.145	10270138	106.8E6	7.114	7.209m
12) B 4,4'-DDE	5.599	6.303	9638228	103.8E6	6.718	6.880
13) MA Dieldrin	5.732	6.453	10248098	109.0E6	6.926	7.189
14) MA Endrin	5.990	6.671	9021739	84650363	6.745	6.635
15) B Endosulfa...	6.264	6.880	7979722	89116768	6.414	7.432
16) A 4,4'-DDD	6.115	6.794	7779223	99275616	6.467m	8.183 #
17) MA 4,4'-DDT	6.355	7.092	5934804	70306459	5.192m	6.235
18) B Endrin al...	6.432	7.004	7241420	66159349	6.813	6.496
19) B Endosulfa...	6.646	7.227	7475510	90425975	6.202	7.370
20) A Methoxychlor	6.904	7.550	3819351	45013879	5.691	7.847 #
21) B Endrin ke...	7.138	7.695	8718208	86697190	5.900	7.228m
22) Mirex	7.326	8.151	6926151	58447272	6.455	7.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052521\
Data File : PD063280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2021 16:31
Operator : AR\AJ
Sample : M2503-01MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

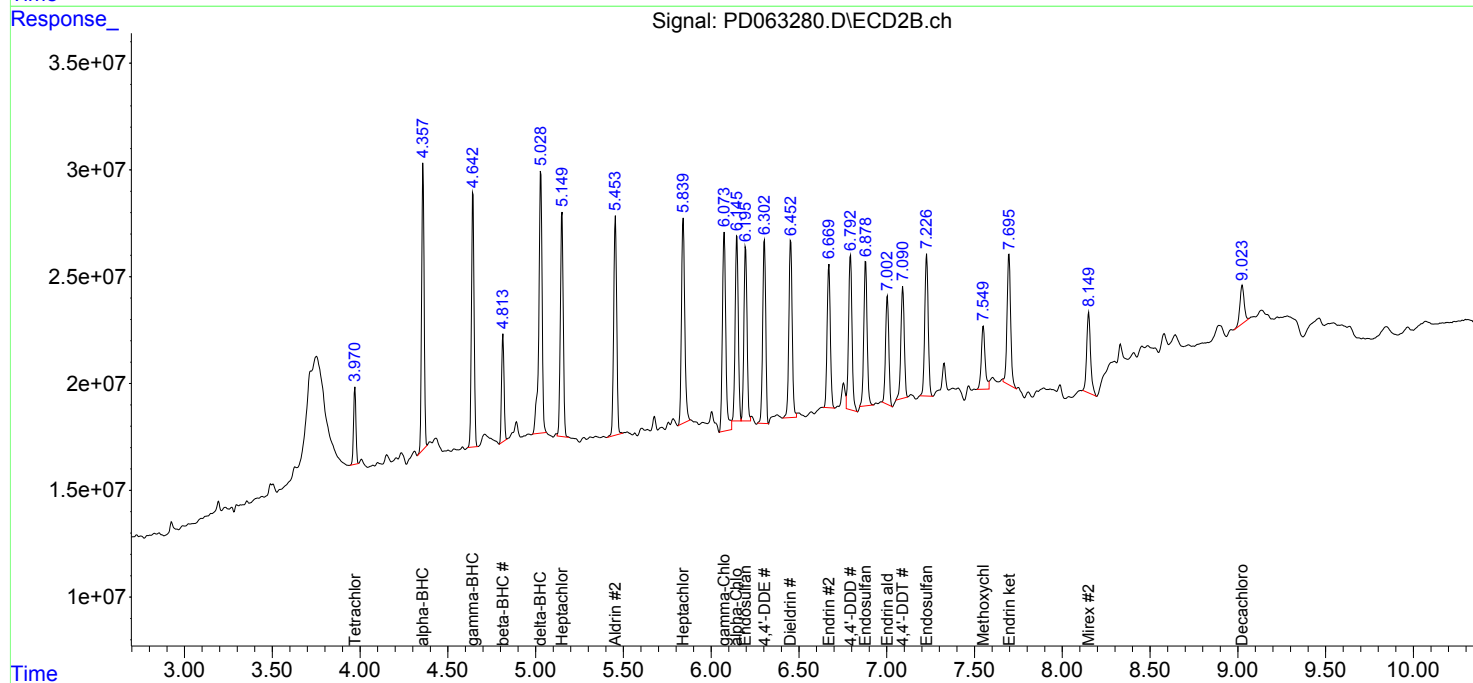
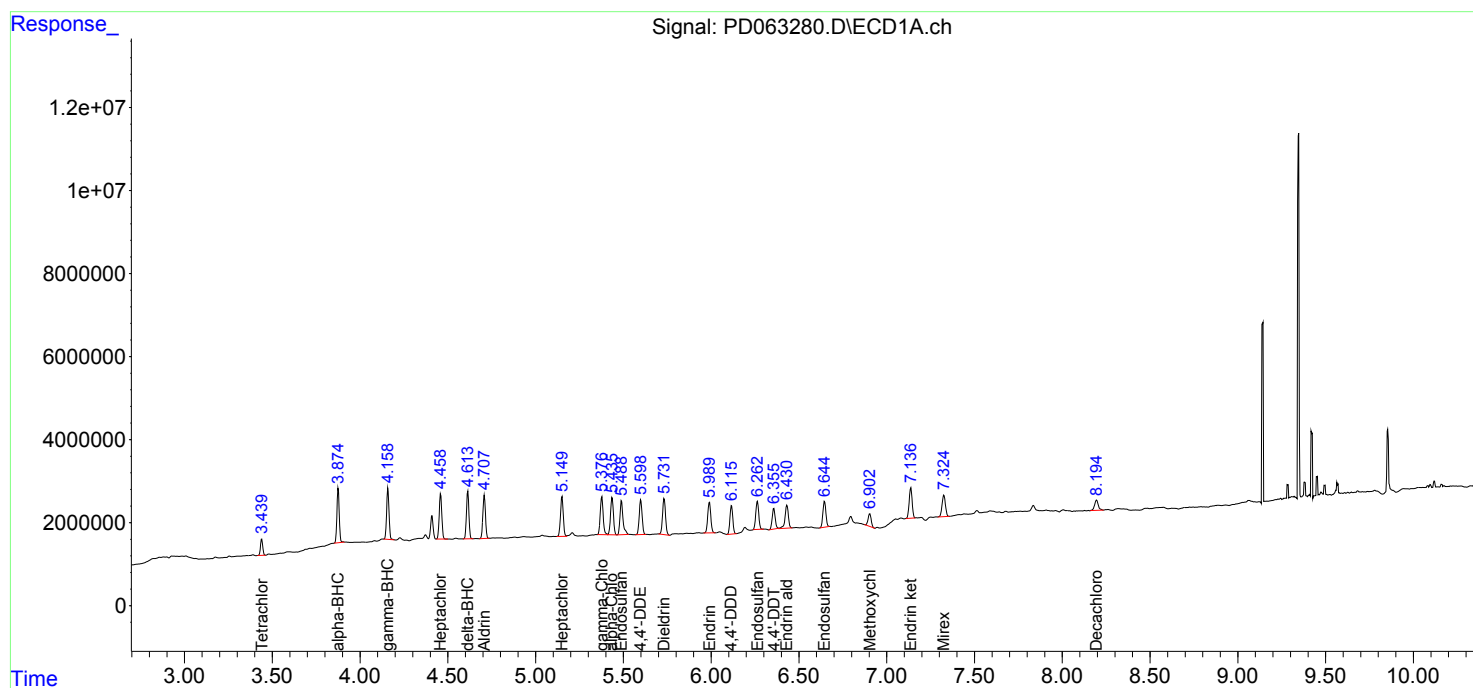
Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

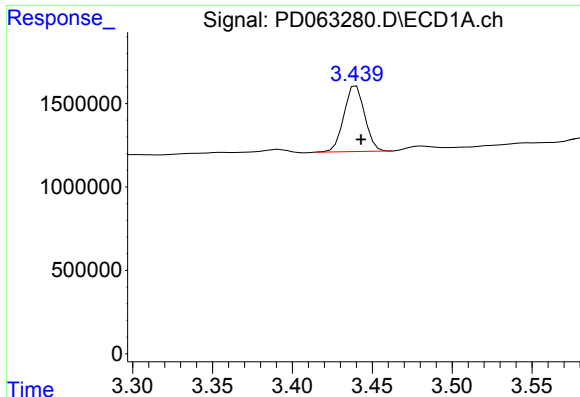
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 00:02:28 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
Quant Title : GC Extractables
QLast Update : Mon May 24 14:48:18 2021
Response 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





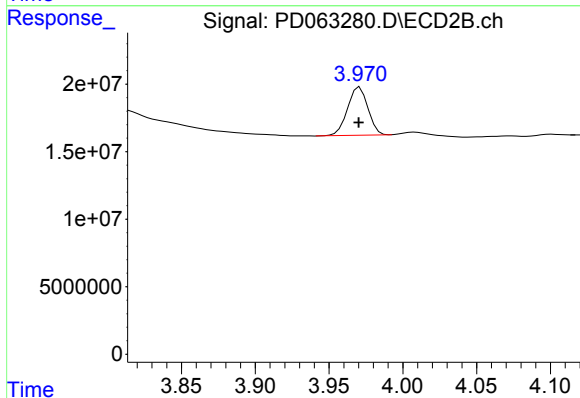
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 3566139
Conc: 3.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

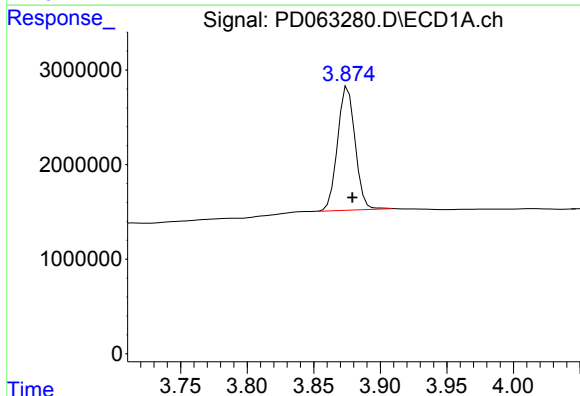
Manual Integrations
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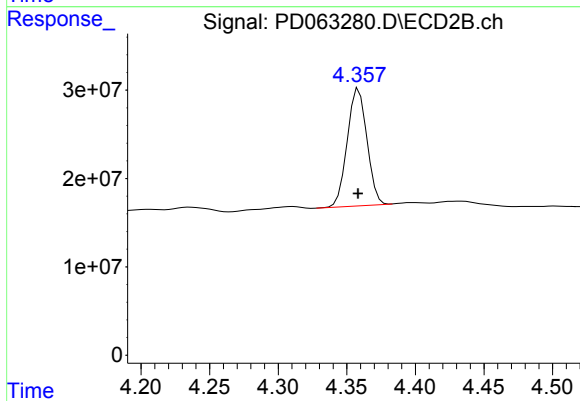
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 34241203
Conc: 2.95 ng/ml



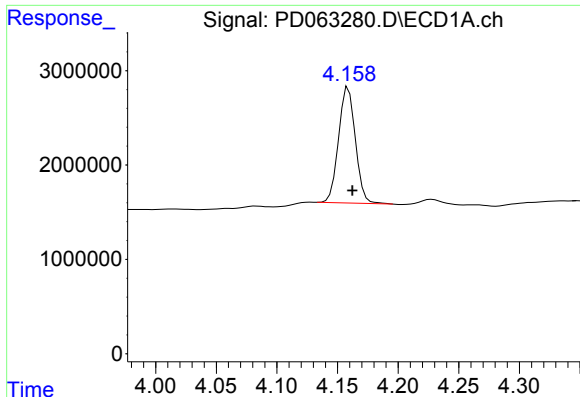
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.003 min
Response: 12058475
Conc: 6.95 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 132671590
Conc: 6.89 ng/ml



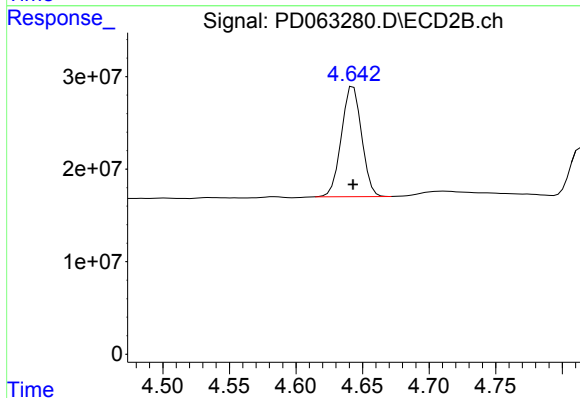
#3 gamma-BHC (Lindane)

R.T.: 4.159 min
Delta R.T.: -0.003 min
Response: 11817846
Conc: 7.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

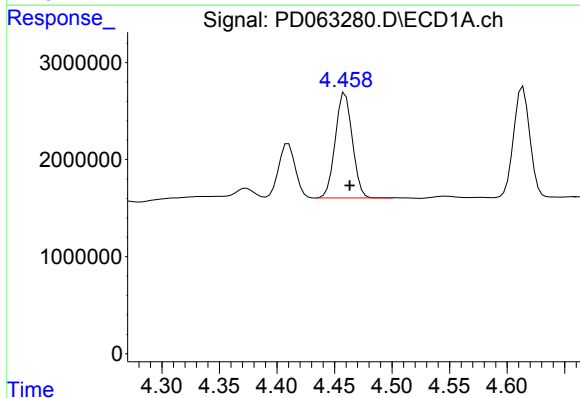
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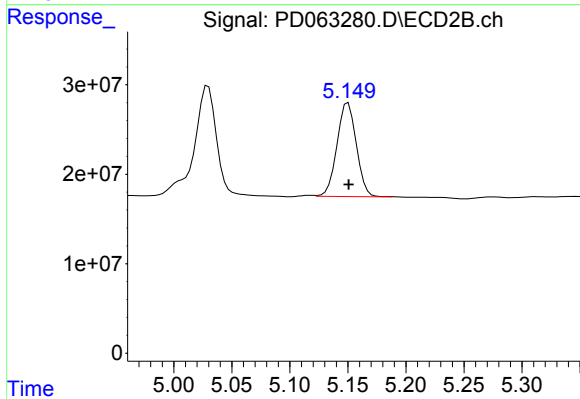
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 125997935
Conc: 7.30 ng/ml



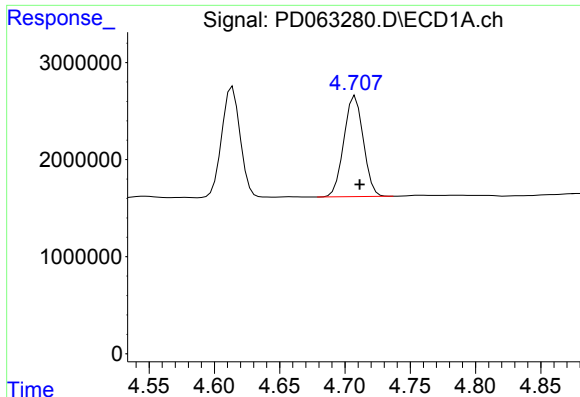
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: -0.004 min
Response: 11147527
Conc: 7.09 ng/ml



#4 Heptachlor

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 121576054
Conc: 7.33 ng/ml m



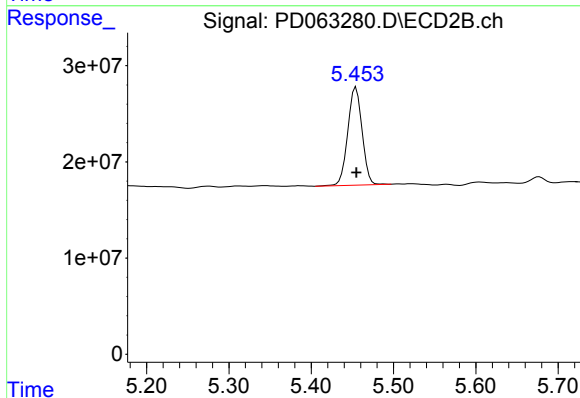
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 10753410
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

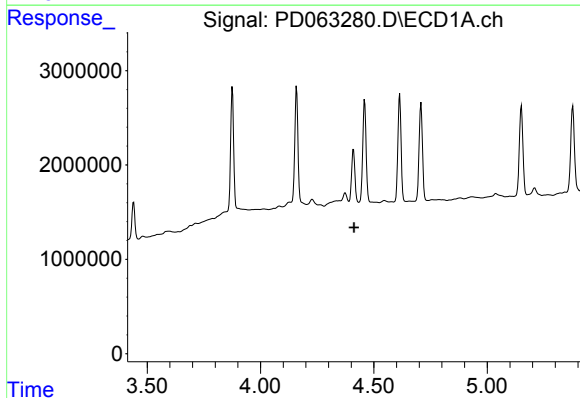
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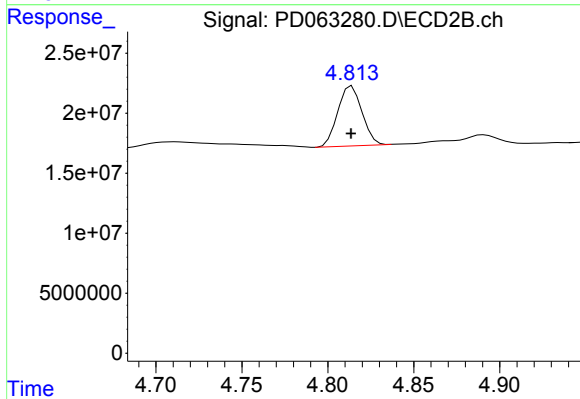
#5 Aldrin

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 123178057
Conc: 7.38 ng/ml



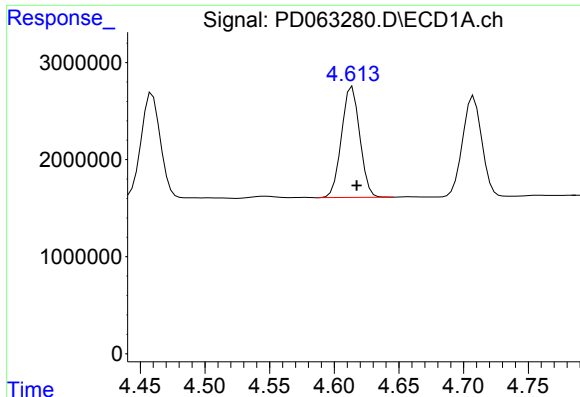
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.003 min
Response: 5456094
Conc: N.D.



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 48999411
Conc: 6.61 ng/ml



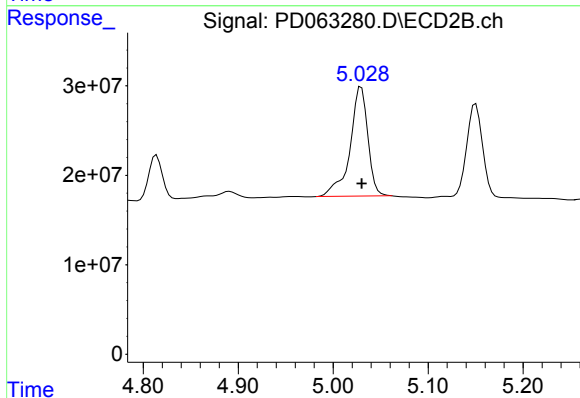
#7 delta-BHC

R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 11196191
Conc: 6.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

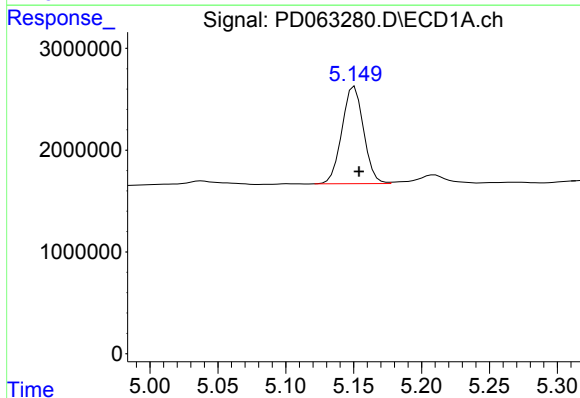
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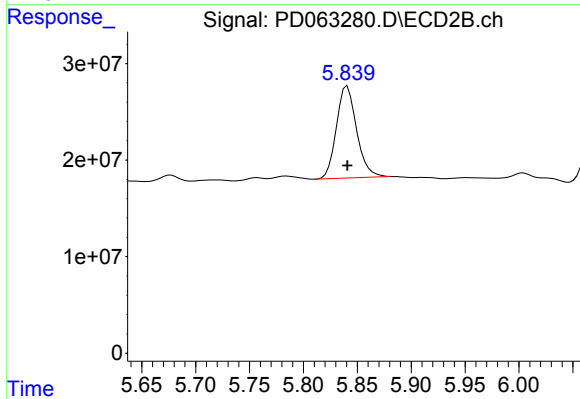
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 159493981
Conc: 11.42 ng/ml m



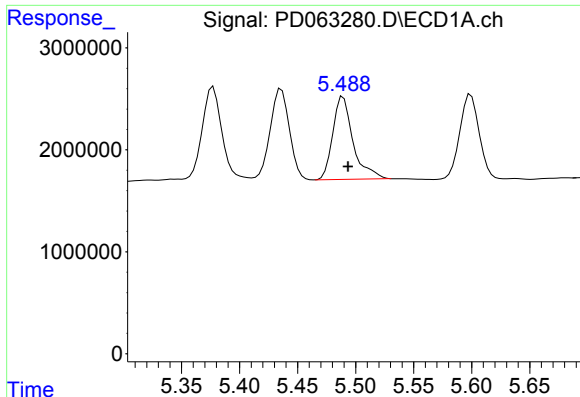
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: -0.003 min
Response: 10610083
Conc: 7.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 124591408
Conc: 8.15 ng/ml



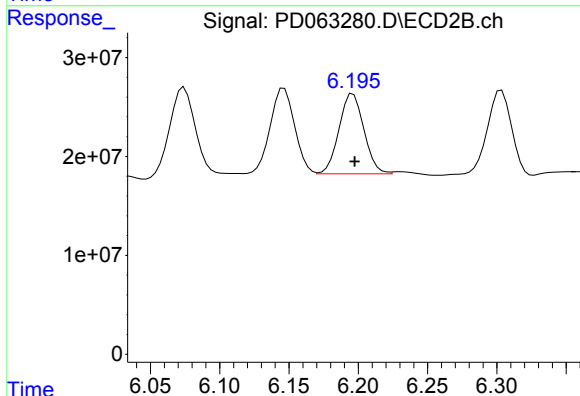
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: -0.004 min
Response: 9879042
Conc: 7.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

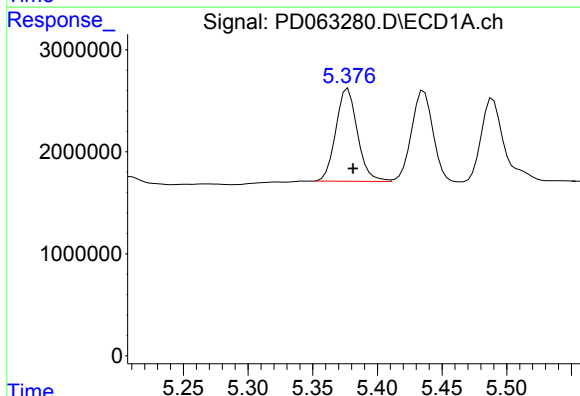
Manual Integrations
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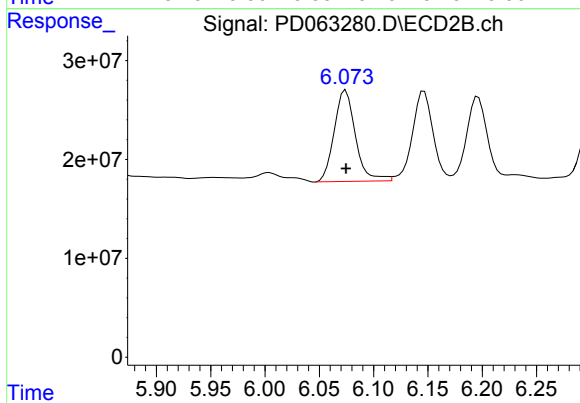
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 101680219
Conc: 7.16 ng/ml m



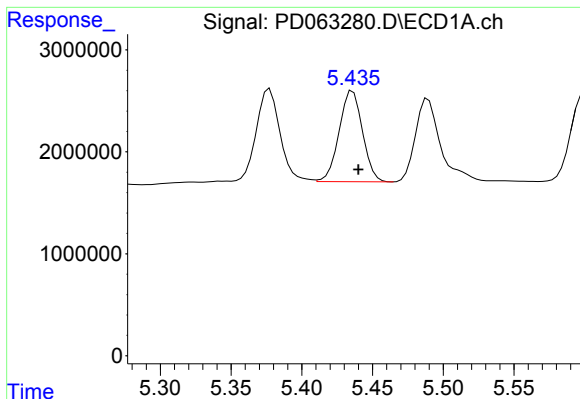
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 10555133
Conc: 7.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 125783799
Conc: 8.07 ng/ml



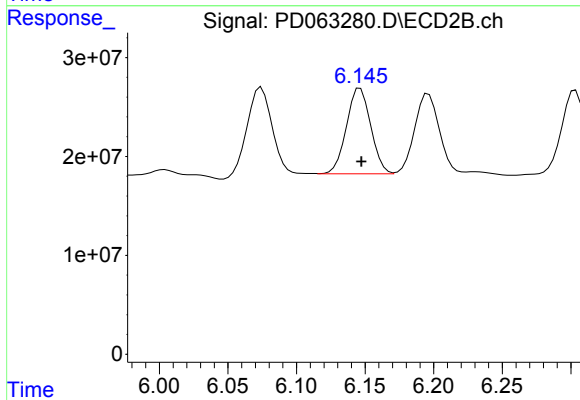
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 10270138
Conc: 7.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

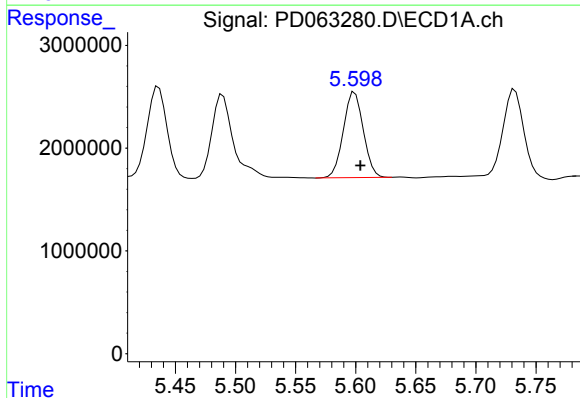
Manual Integrations
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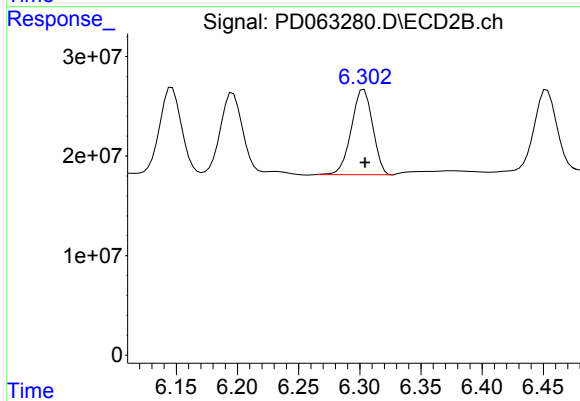
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 106833780
Conc: 7.21 ng/ml m



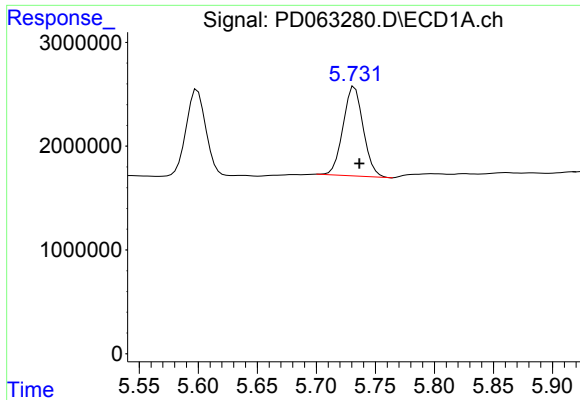
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 9638228
Conc: 6.72 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 103842637
Conc: 6.88 ng/ml



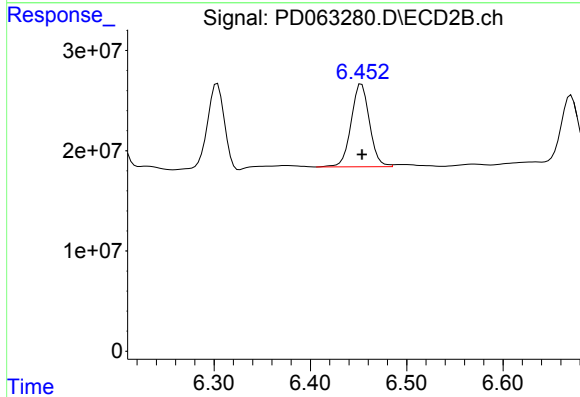
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 10248098
Conc: 6.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

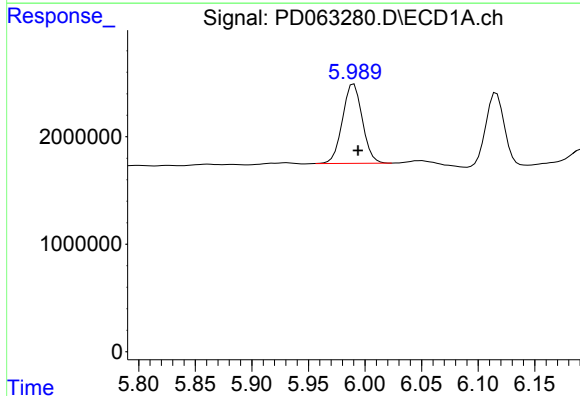
Manual Integrations
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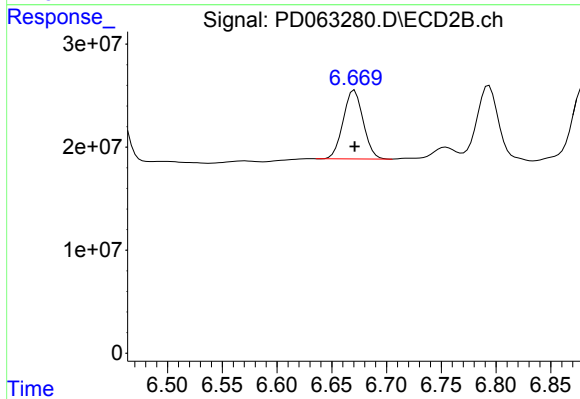
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 109003114
Conc: 7.19 ng/ml



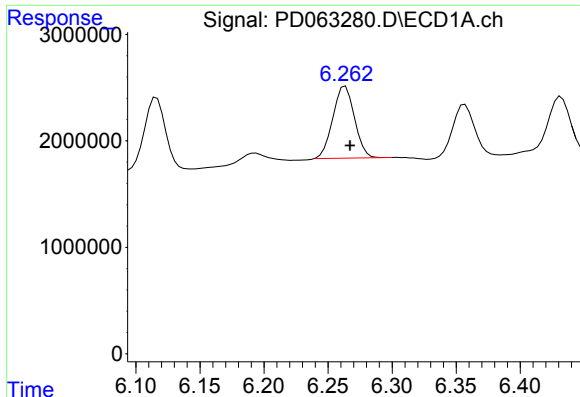
#14 Endrin

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 9021739
Conc: 6.75 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 84650363
Conc: 6.63 ng/ml



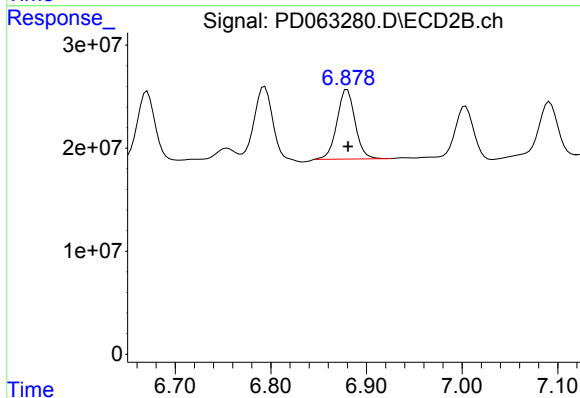
#15 Endosulfan II

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 7979722
Conc: 6.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

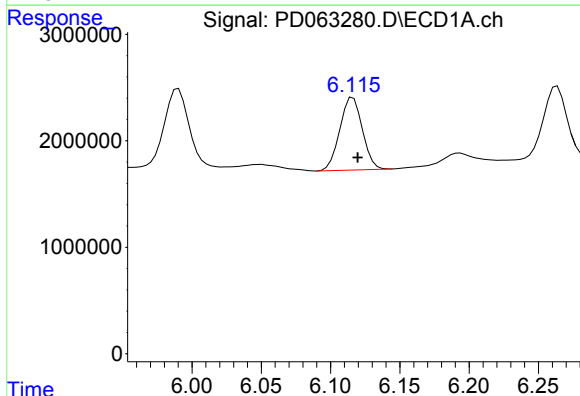
Manual Integrations
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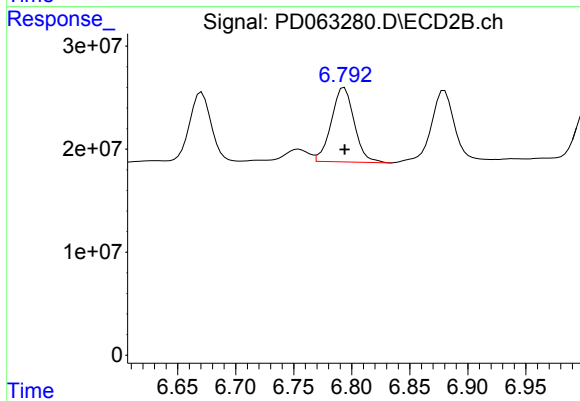
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 89116768
Conc: 7.43 ng/ml



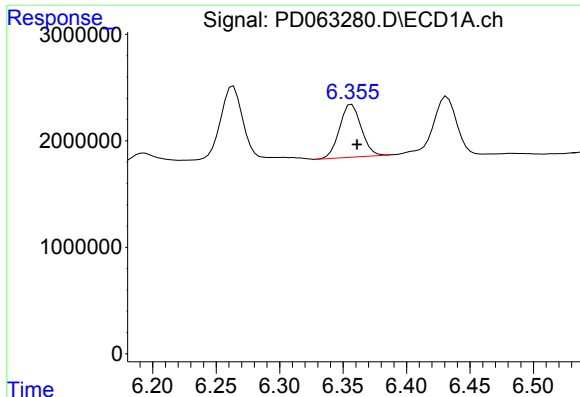
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: -0.005 min
Response: 7779223
Conc: 6.47 ng/ml m



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 99275616
Conc: 8.18 ng/ml



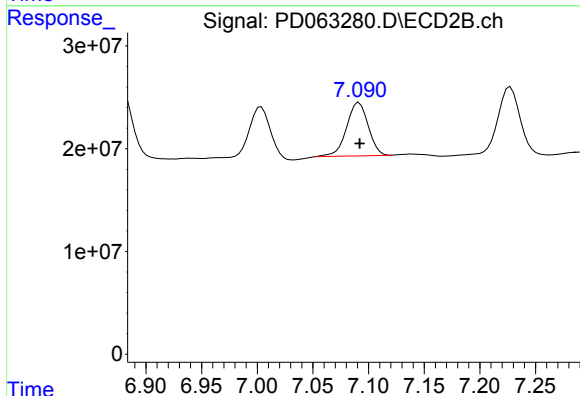
#17 4,4'-DDT

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 5934804
Conc: 5.19 ng/ml m

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

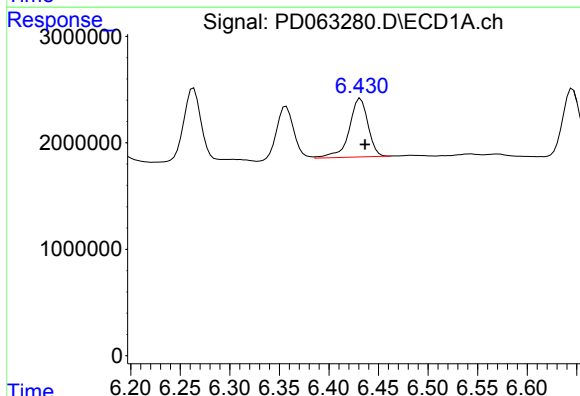
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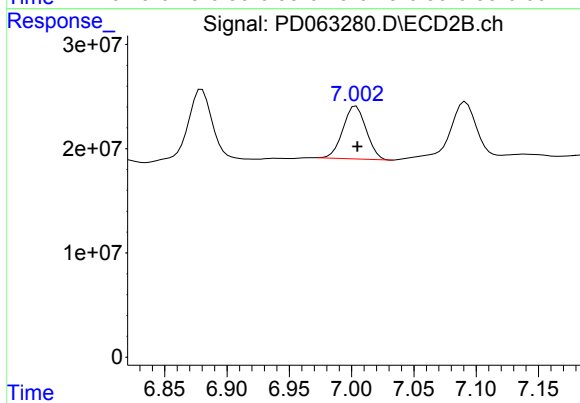
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 70306459
Conc: 6.24 ng/ml



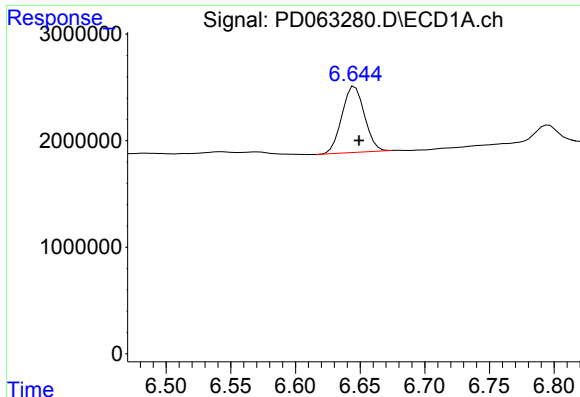
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 7241420
Conc: 6.81 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 66159349
Conc: 6.50 ng/ml



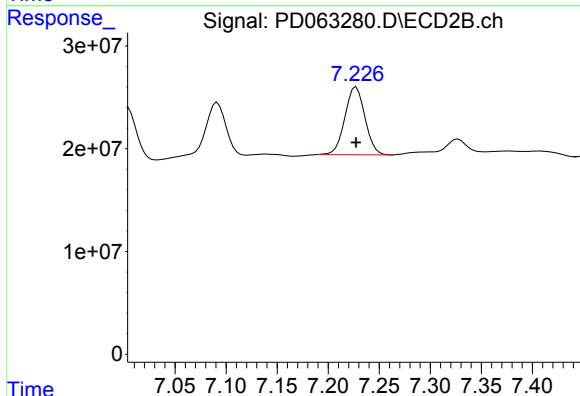
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 7475510
Conc: 6.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

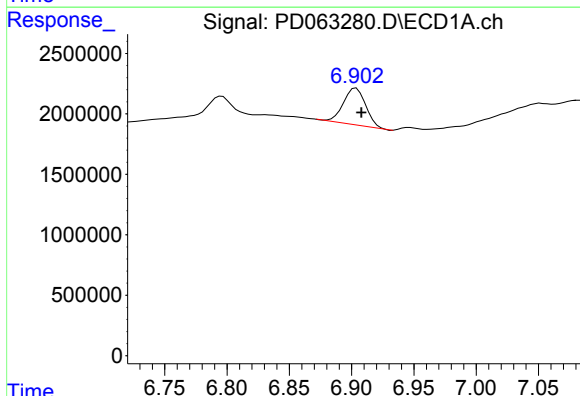
Manual Integrations
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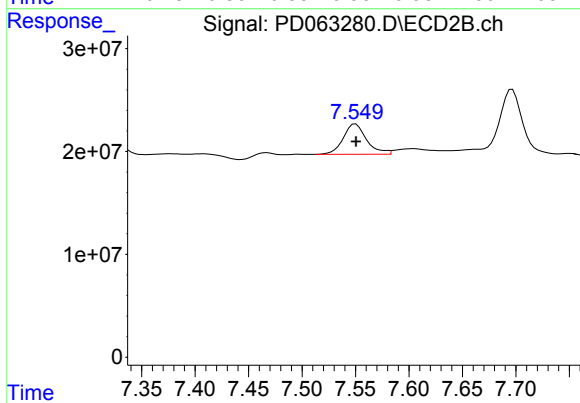
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 90425975
Conc: 7.37 ng/ml



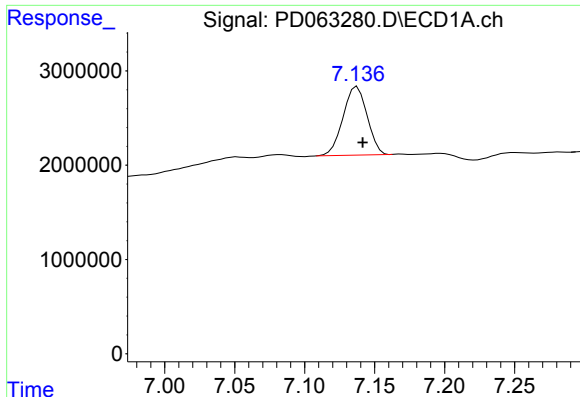
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 3819351
Conc: 5.69 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 45013879
Conc: 7.85 ng/ml



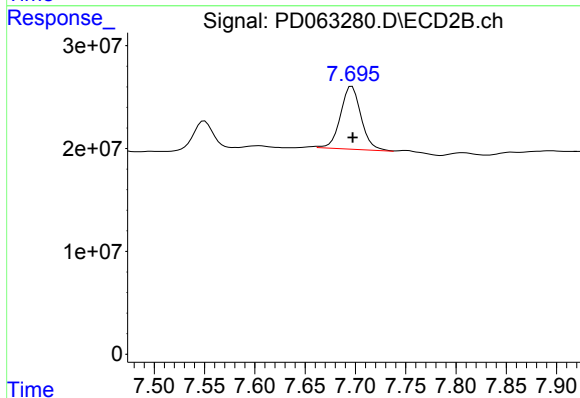
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: -0.004 min
Response: 8718208
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

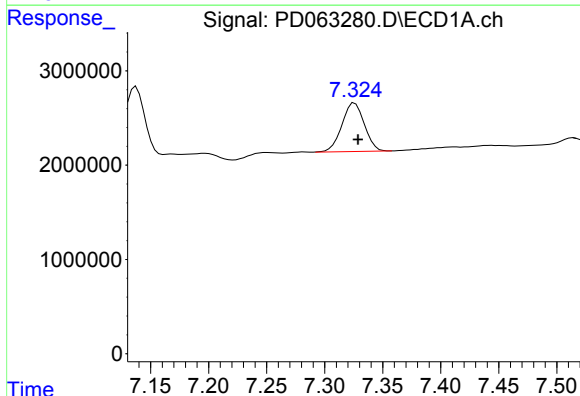
Manual Integrations
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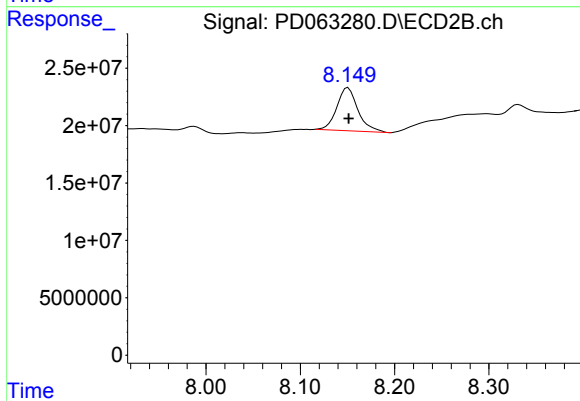
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 86697190
Conc: 7.23 ng/ml m



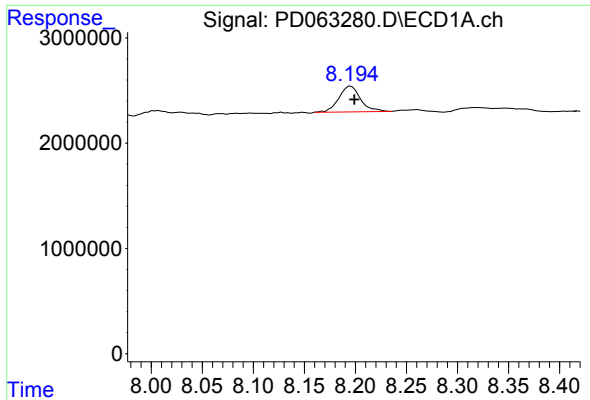
#22 Mirex

R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 6926151
Conc: 6.45 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 58447272
Conc: 7.69 ng/ml



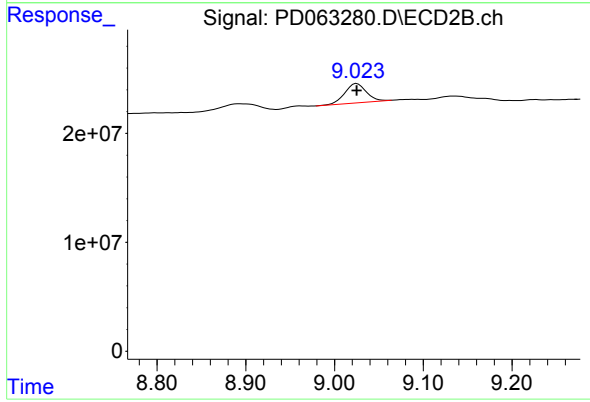
#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 3628984
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
OK-01-052421MSD

Manual Integrations
APPROVED

Ankita
5/26/2021 4:05:50 PM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 30012048
Conc: 2.94 ng/ml