

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
 Data File : PD071134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 17:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2022
 Supervised By : Ankita Jodhani 07/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 17:38:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 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 x 0.2 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...	3.478	4.125	141.6E6	1250.8E6	48.847	43.263
28)	SA Decachlor...	8.246	9.323	116.8E6	413.8E6	38.231m	36.285m
Target Compounds							
2)	A alpha-BHC	3.919	4.530	234.0E6	1698.4E6	53.330	44.809
3)	MA gamma-BHC...	4.204	4.823	212.4E6	1371.3E6	48.920	45.913
4)	MA Heptachlor	4.502	5.340	220.8E6	986.4E6	53.042m	44.656
5)	MB Aldrin	4.752	5.652	217.4E6	826.0E6	52.017	44.616
6)	B beta-BHC	4.454	5.000	85402298	564.5E6	51.096	42.082
7)	B delta-BHC	4.659	5.224	213.6E6	1115.1E6	53.974	47.161m
8)	B Heptachlo...	5.197	6.048	192.8E6	653.8E6	51.462	43.240
9)	A Endosulfan I	5.537	6.412	180.5E6	631.5E6	51.685	43.500
10)	B gamma-Chl...	5.425	6.284	198.7E6	693.5E6	51.091	43.971
11)	B alpha-Chl...	5.483	6.357	194.6E6	668.7E6	50.907	43.456
12)	B 4,4'-DDE	5.649	6.512	181.3E6	644.3E6	51.490	42.924
13)	MA Dieldrin	5.781	6.674	194.6E6	722.2E6	51.805	47.264m
14)	MA Endrin	6.039	6.897	168.5E6	495.6E6	53.954	47.783m
15)	B Endosulfa...	6.314	7.111	145.7E6	567.0E6	48.428	45.297m
16)	A 4,4'-DDD	6.166	7.012	149.0E6	542.0E6	50.772	43.577m
17)	MA 4,4'-DDT	6.408	7.314	152.7E6	632.2E6	49.892	47.201m
18)	B Endrin al...	6.484	7.237	109.0E6	447.6E6	45.436	44.382m
19)	B Endosulfa...	6.695	7.461	141.2E6	545.2E6	47.394m	45.125m
20)	A Methoxychlor	6.957	7.773	81315018	293.5E6	49.189m	42.714m
21)	B Endrin ke...	7.189	7.943	150.4E6	596.9E6	43.422m	43.127m
22)	Mirex	7.374	8.396	123.7E6	382.2E6	44.622m	41.591m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
Data File : PD071134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2022 17:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

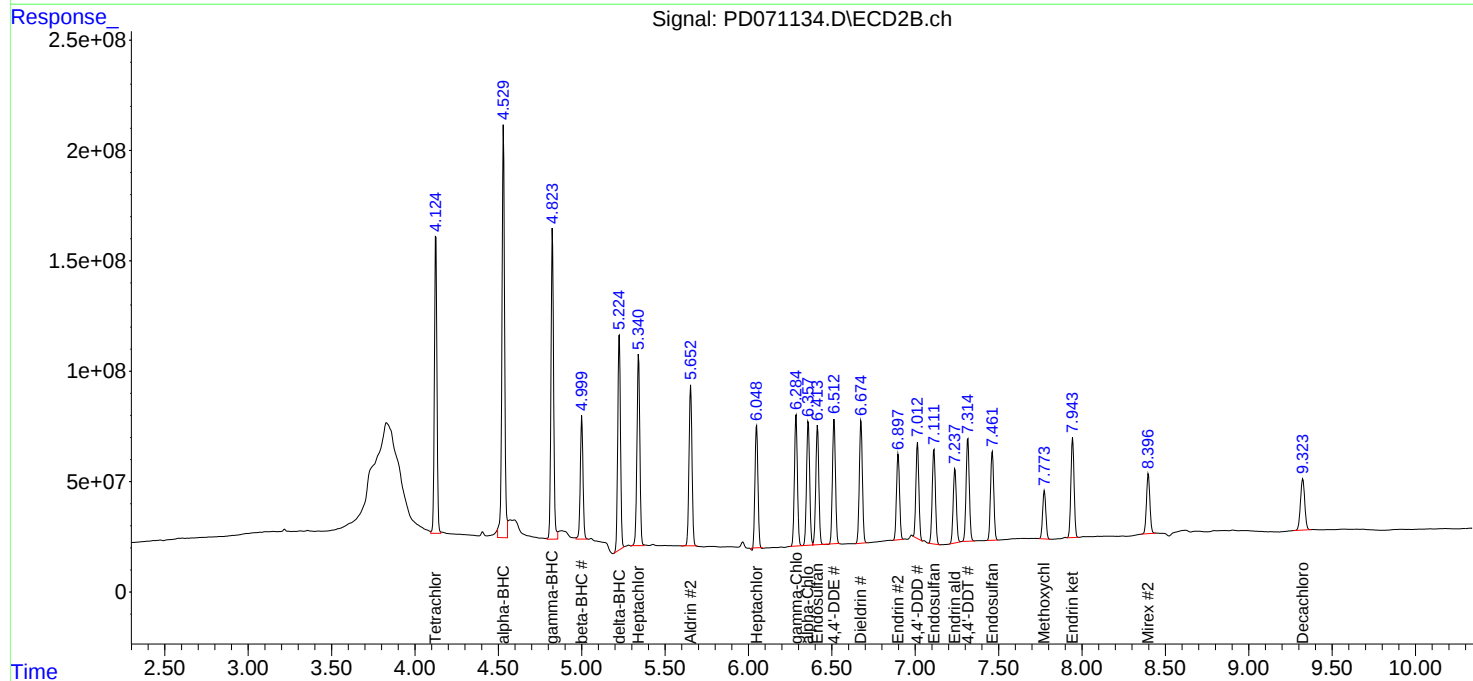
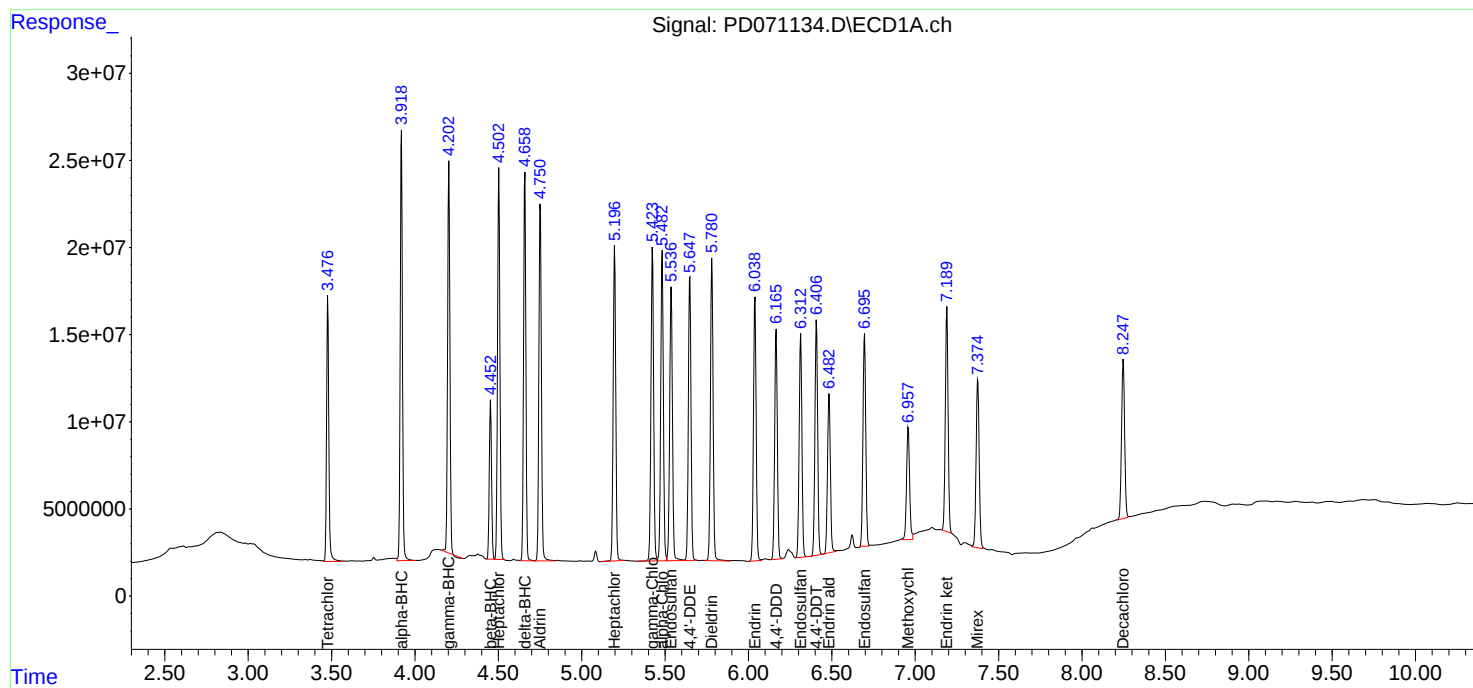
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

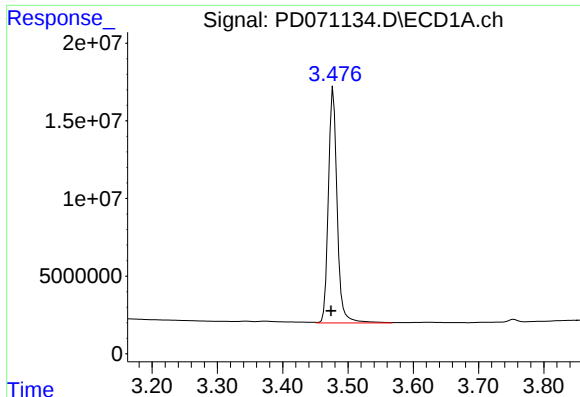
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 17:38:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





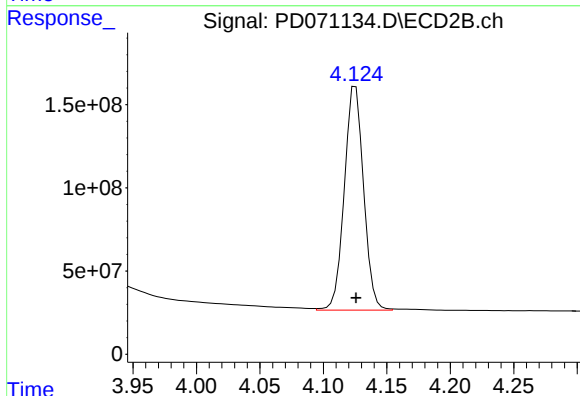
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.004 min
Response: 141553644
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

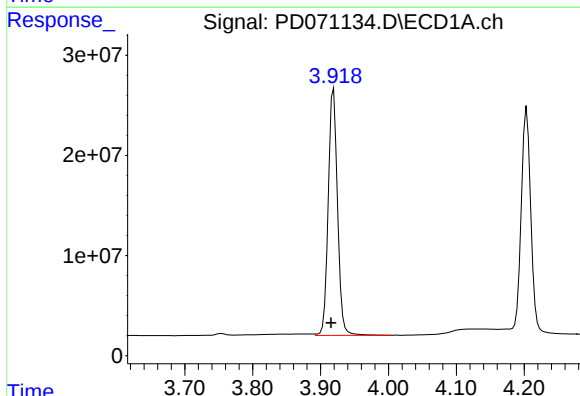
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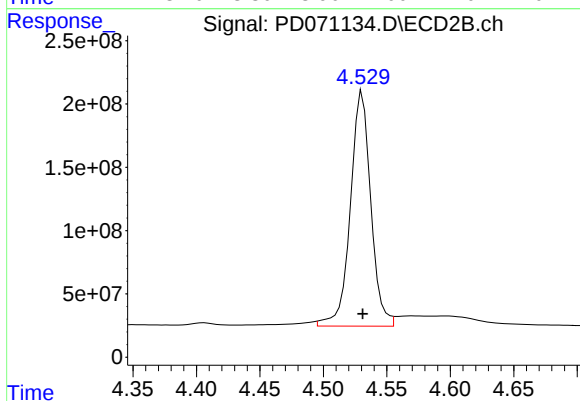
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 1250820302
Conc: 43.26 ng/ml



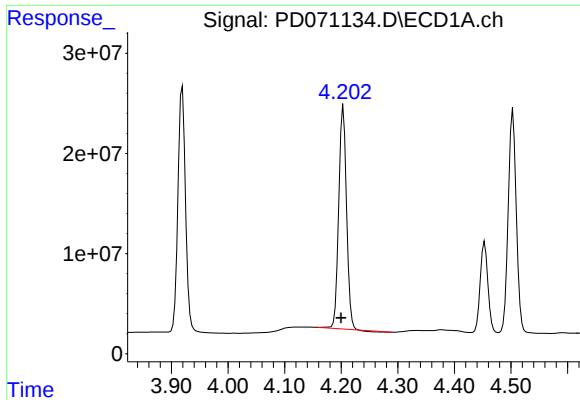
#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: 0.004 min
Response: 233969135
Conc: 53.33 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 1698405935
Conc: 44.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.204 min
Delta R.T.: 0.004 min
Response: 212412836
Conc: 48.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

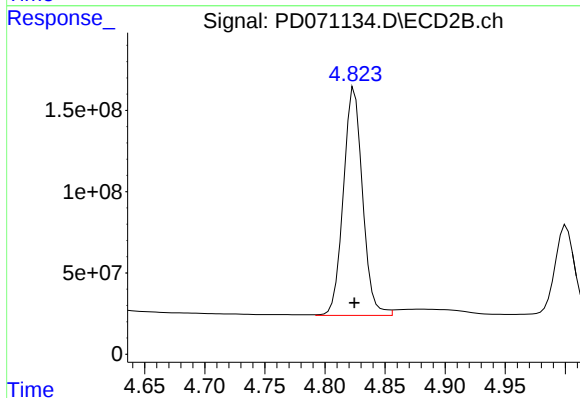
PSTDCCC050

Manual Integrations

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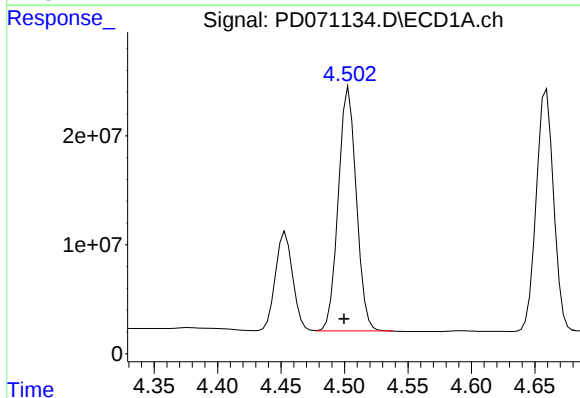
Reviewed By :Abdul Mirza 07/25/2022

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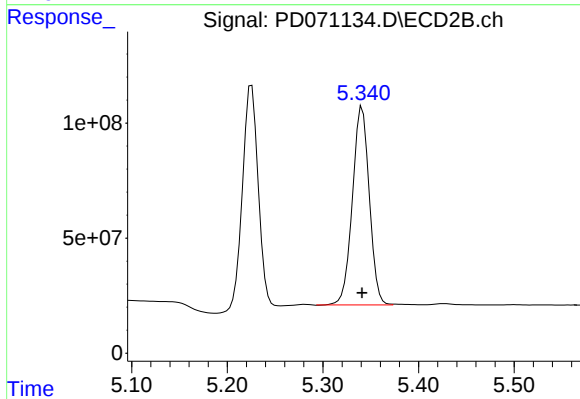
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 1371309641
Conc: 45.91 ng/ml



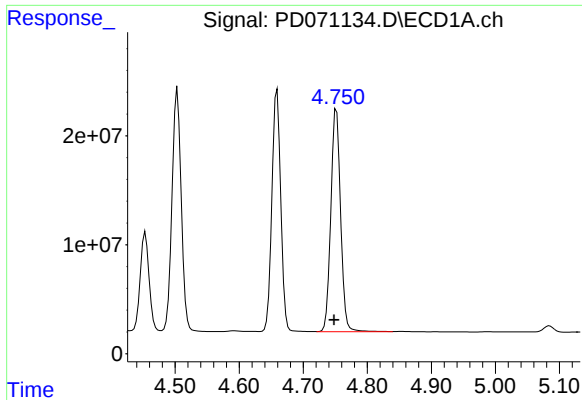
#4 Heptachlor

R.T.: 4.502 min
Delta R.T.: 0.003 min
Response: 220843539
Conc: 53.04 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 986426669
Conc: 44.66 ng/ml



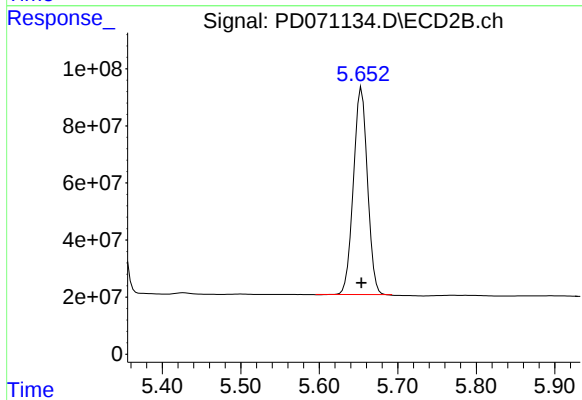
#5 Aldrin

R.T.: 4.752 min
Delta R.T.: 0.004 min
Response: 217379068
Conc: 52.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

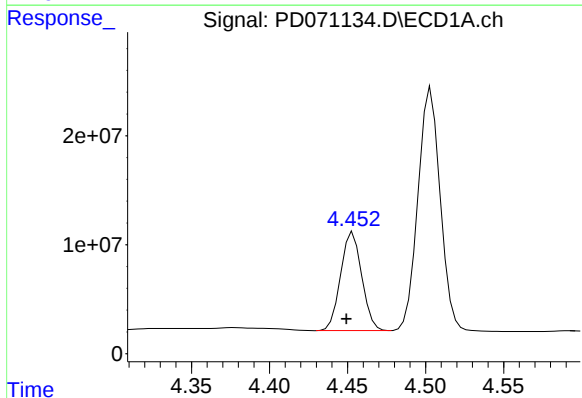
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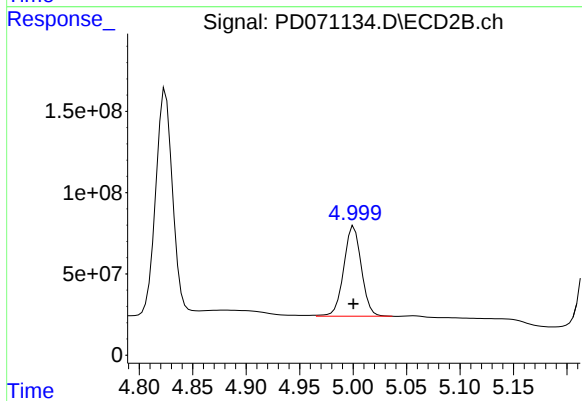
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: -0.001 min
Response: 825961280
Conc: 44.62 ng/ml



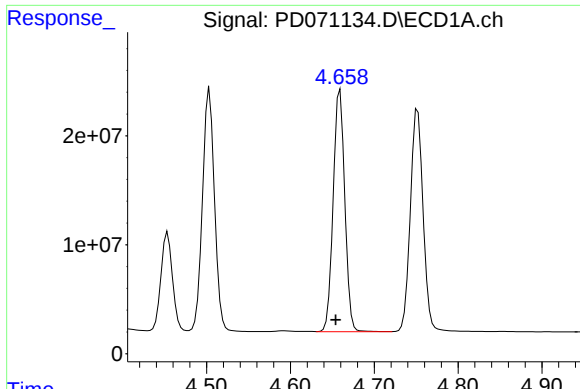
#6 beta-BHC

R.T.: 4.454 min
Delta R.T.: 0.004 min
Response: 85402298
Conc: 51.10 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 564471418
Conc: 42.08 ng/ml



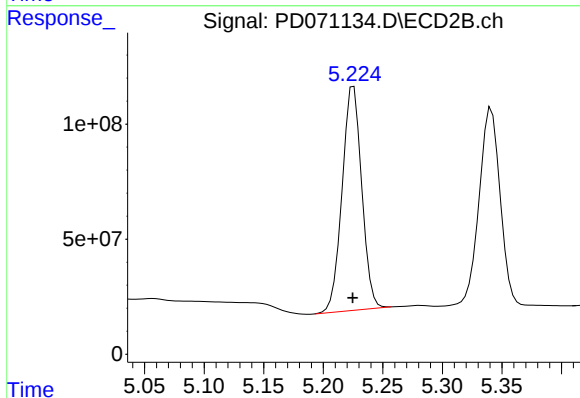
#7 delta-BHC

R.T.: 4.659 min
Delta R.T.: 0.005 min
Response: 213627172
Conc: 53.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

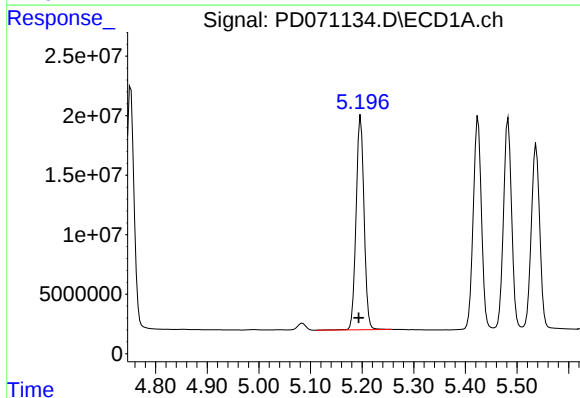
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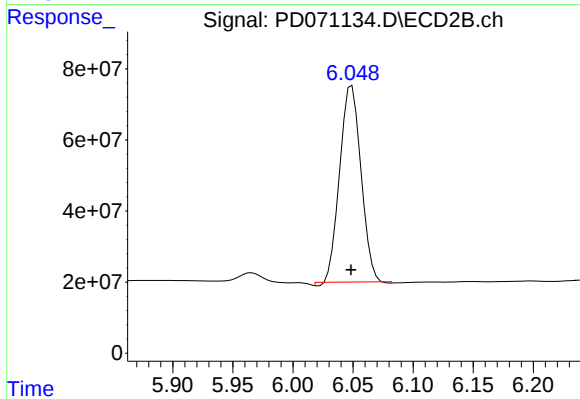
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 1115076813
Conc: 47.16 ng/ml m



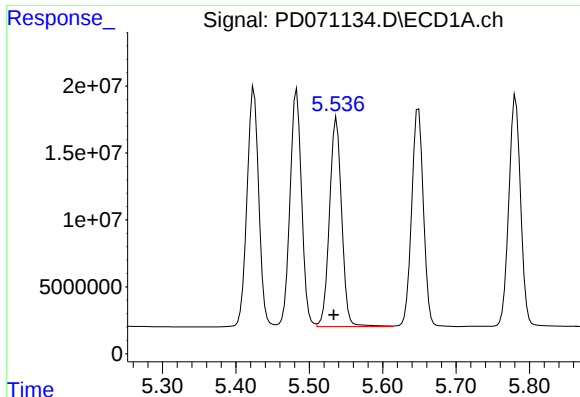
#8 Heptachlor epoxide

R.T.: 5.197 min
Delta R.T.: 0.004 min
Response: 192766836
Conc: 51.46 ng/ml



#8 Heptachlor epoxide

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 653756728
Conc: 43.24 ng/ml



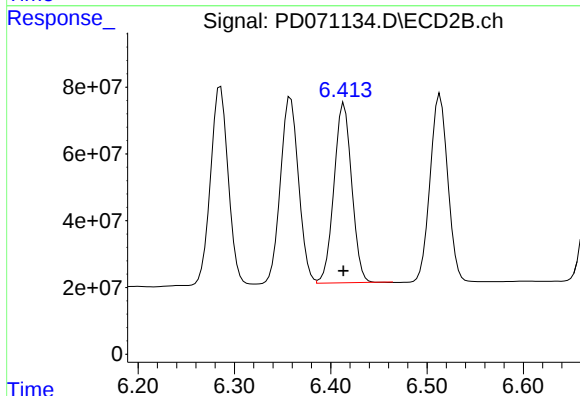
#9 Endosulfan I

R.T.: 5.537 min
Delta R.T.: 0.004 min
Response: 180464785
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

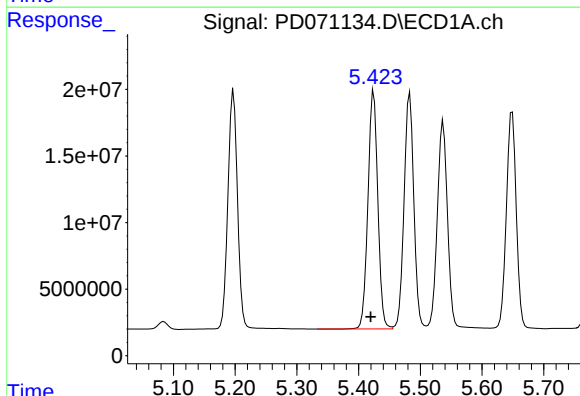
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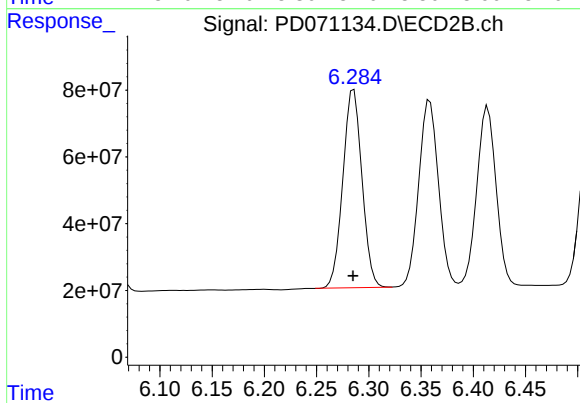
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 631463332
Conc: 43.50 ng/ml



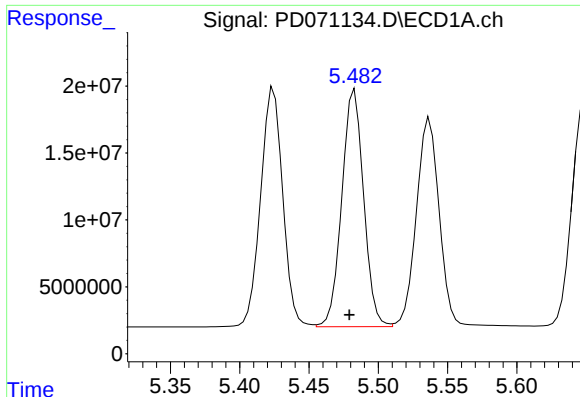
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: 0.005 min
Response: 198661781
Conc: 51.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 693488312
Conc: 43.97 ng/ml



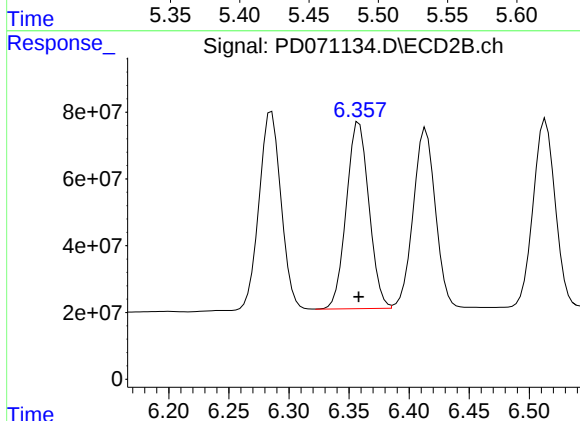
#11 alpha-Chlordane

R.T.: 5.483 min
Delta R.T.: 0.004 min
Response: 194632931
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

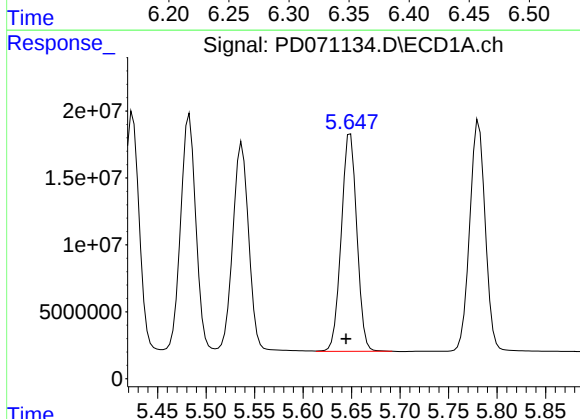
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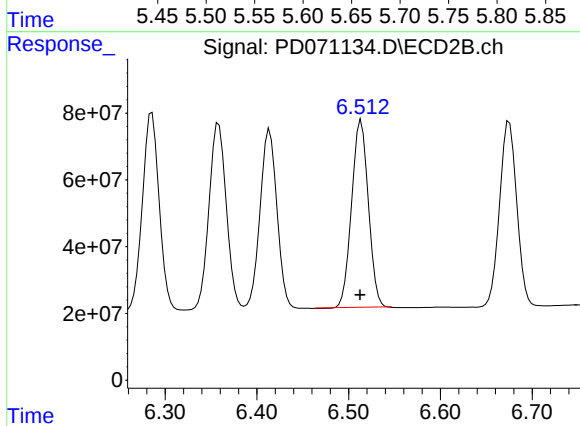
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 668650508
Conc: 43.46 ng/ml



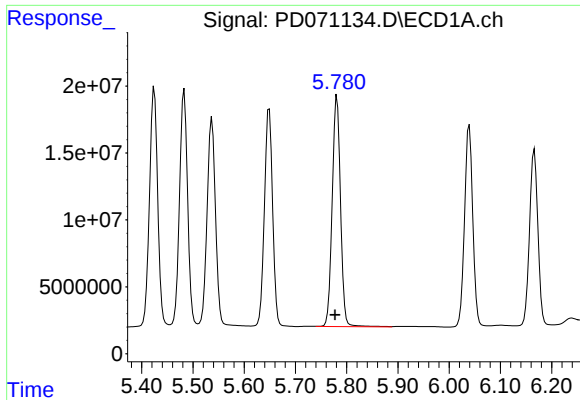
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.004 min
Response: 181330630
Conc: 51.49 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 644302610
Conc: 42.92 ng/ml



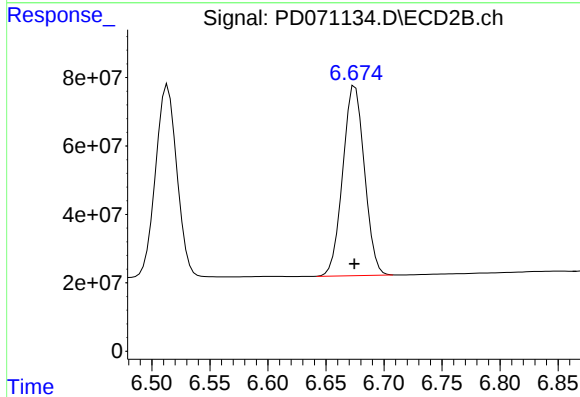
#13 Dieldrin

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 194603906
Conc: 51.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

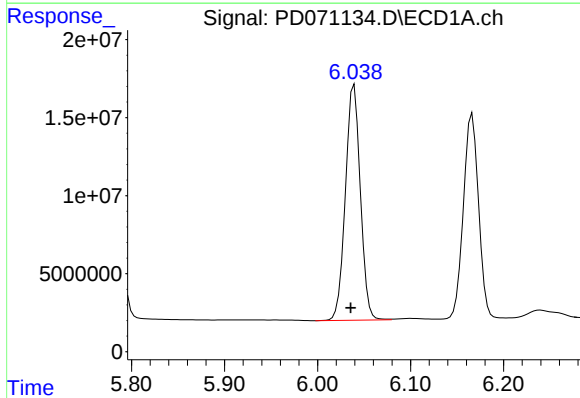
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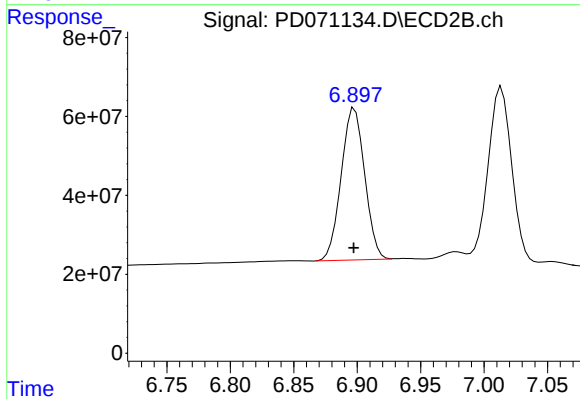
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 722194289
Conc: 47.26 ng/ml m



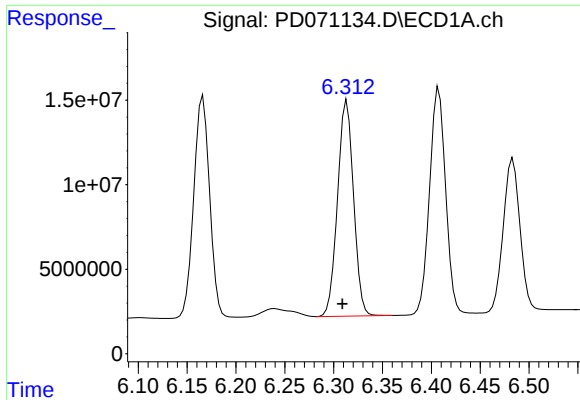
#14 Endrin

R.T.: 6.039 min
Delta R.T.: 0.004 min
Response: 168484950
Conc: 53.95 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 495617415
Conc: 47.78 ng/ml m



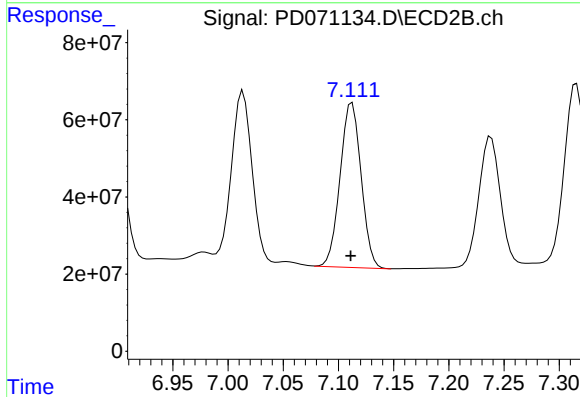
#15 Endosulfan II

R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 145677355
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

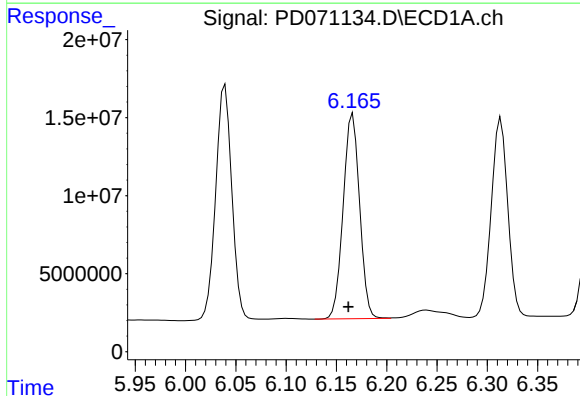
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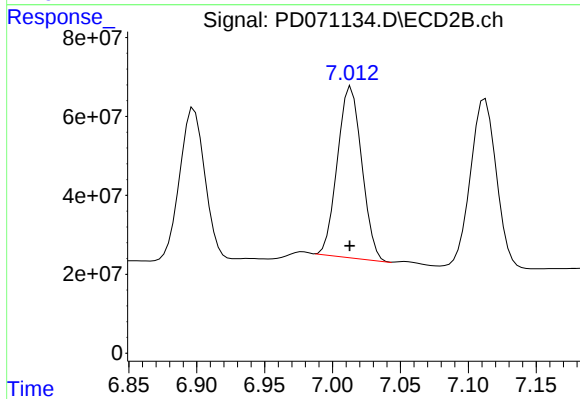
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 567032097
Conc: 45.30 ng/ml m



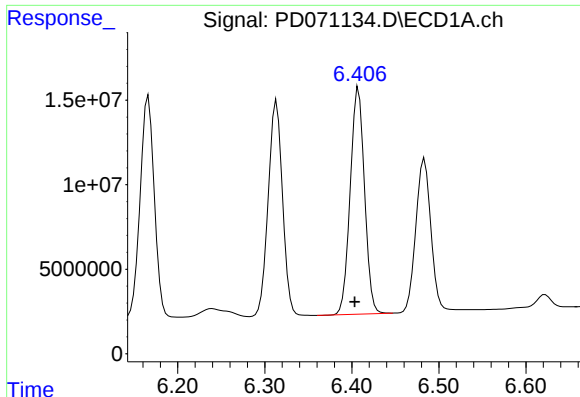
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.005 min
Response: 149013153
Conc: 50.77 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 542012530
Conc: 43.58 ng/ml m



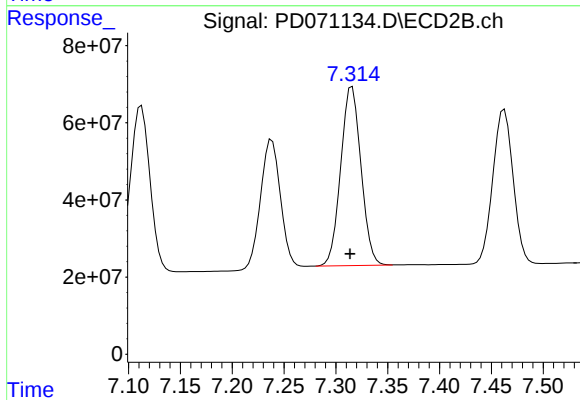
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.004 min
Response: 152725514
Conc: 49.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

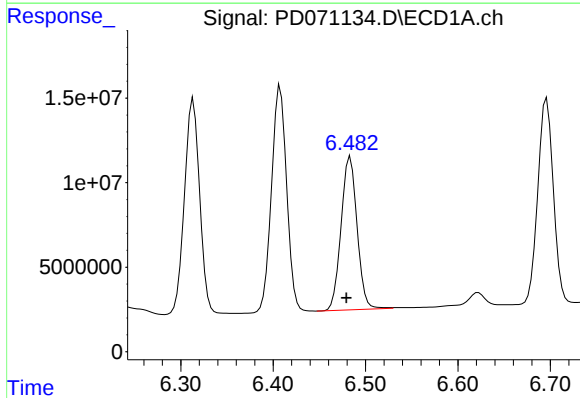
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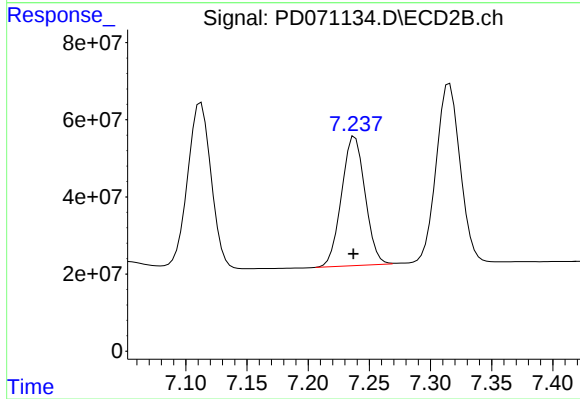
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 632185365
Conc: 47.20 ng/ml m



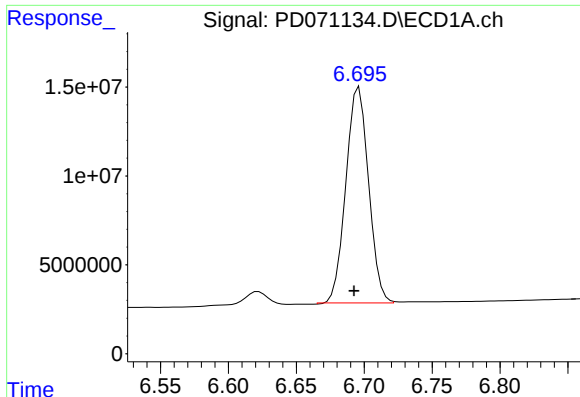
#18 Endrin aldehyde

R.T.: 6.484 min
Delta R.T.: 0.004 min
Response: 108978745
Conc: 45.44 ng/ml



#18 Endrin aldehyde

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 447558312
Conc: 44.38 ng/ml m



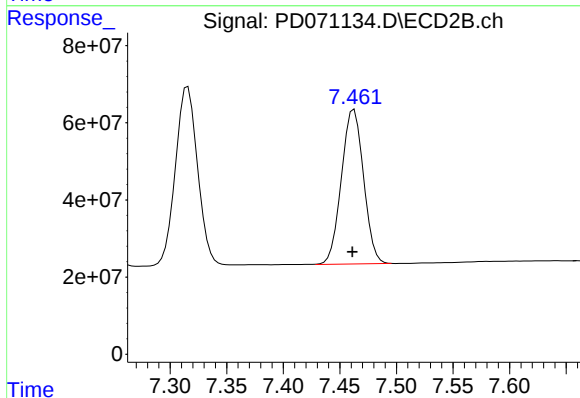
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 141183861
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

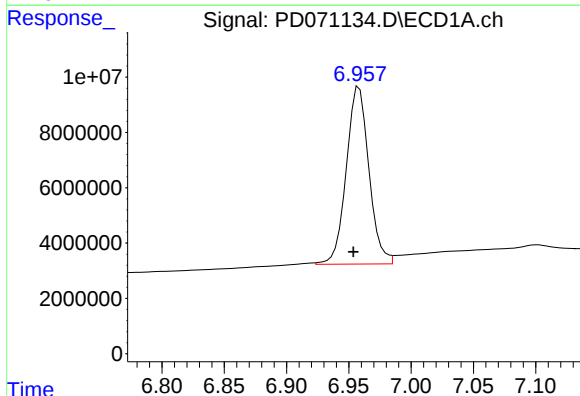
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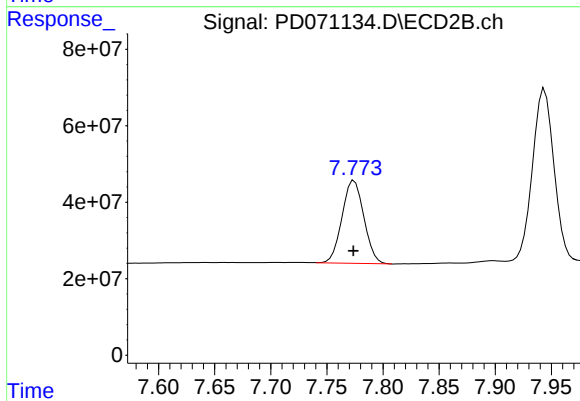
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 545248807
Conc: 45.12 ng/ml m



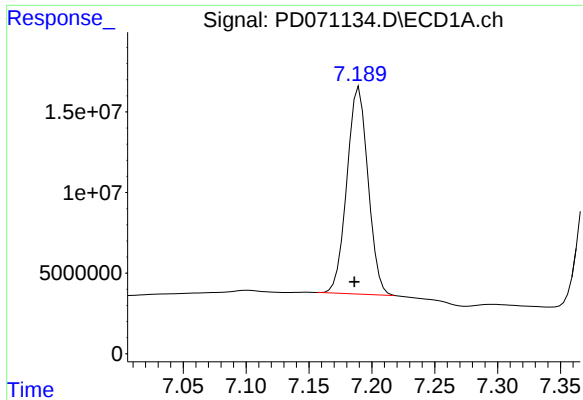
#20 Methoxychlor

R.T.: 6.957 min
Delta R.T.: 0.003 min
Response: 81315018
Conc: 49.19 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 293510835
Conc: 42.71 ng/ml m



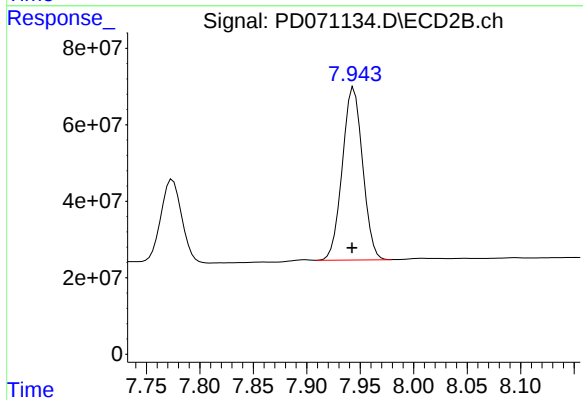
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.002 min
Response: 150407652
Conc: 43.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

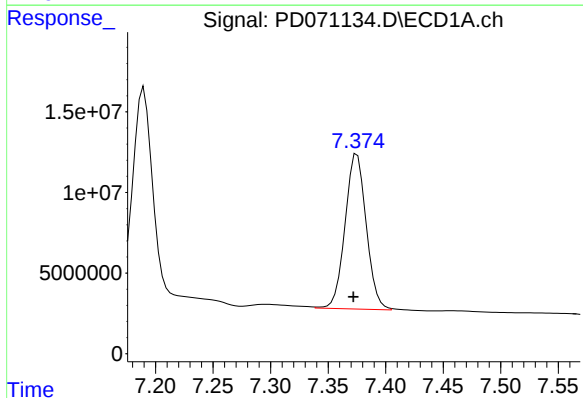
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2022
Supervised By :Ankita Jodhani 07/25/2022



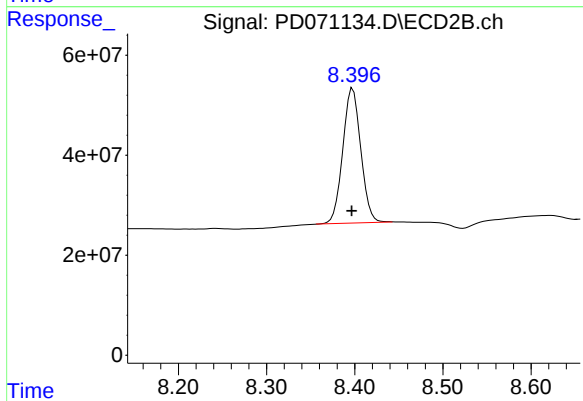
#21 Endrin ketone

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 596870899
Conc: 43.13 ng/ml m



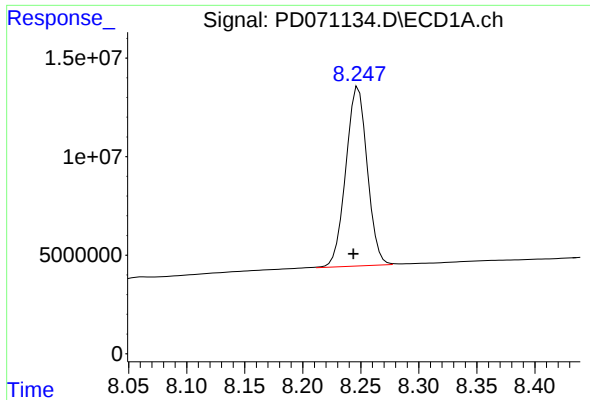
#22 Mirex

R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 123712701
Conc: 44.62 ng/ml m



#22 Mirex

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 382200188
Conc: 41.59 ng/ml m



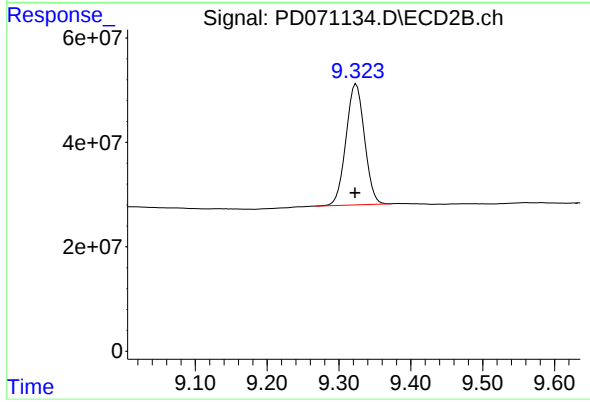
#28 Decachlorobiphenyl

R.T.: 8.246 min
Delta R.T.: 0.003 min
Response: 116808233
Conc: 38.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.323 min
Delta R.T.: 0.000 min
Response: 413832848
Conc: 36.29 ng/ml m