

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 12:17
 Operator : AR\AJ
 Sample : PB158801BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158801BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2024
 Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 20:57:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.566	2.809	31340871	52065416	22.078	21.765
28)	SA Decachlor...	9.114	7.948	39935721	49928654	19.844	18.745
Target Compounds							
2)	A alpha-BHC	4.023	3.311	118.2E6	174.8E6	47.577	45.561
3)	MA gamma-BHC...	4.357	3.640	113.0E6	165.9E6	46.174	44.378
4)	MA Heptachlor	4.950	3.981	117.1E6	163.6E6	47.475	47.435
5)	MB Aldrin	5.293	4.260	111.9E6	156.4E6	45.588	42.955m
6)	B beta-BHC	4.551	3.935	48113013	69723166	47.550	44.620
7)	B delta-BHC	4.800	4.166	109.7E6	165.3E6	43.738	44.035
8)	B Heptachlo...	5.719	4.763	102.6E6	147.8E6	45.808	44.131
9)	A Endosulfan I	6.106	5.133	98563053	135.4E6	47.522	44.201
10)	B gamma-Chl...	5.976	5.013	104.4E6	148.7E6	47.695	45.460
11)	B alpha-Chl...	6.055	5.077	102.6E6	146.2E6	47.127	44.730
12)	B 4,4'-DDE	6.226	5.264	95933824	141.3E6	47.145	46.128m
13)	MA Dieldrin	6.382	5.397	104.5E6	153.6E6	47.301	45.160
14)	MA Endrin	6.611	5.673	89264104	137.9E6	47.792m	46.536
15)	B Endosulfa...	6.830	5.965	89821148	129.7E6	46.385	45.082
16)	A 4,4'-DDD	6.744	5.819	79813938	118.8E6	48.575	45.246
17)	MA 4,4'-DDT	7.058	6.070	86641950	120.4E6	48.651	45.394
18)	B Endrin al...	6.959	6.144	69756734	98766351	45.858m	43.806
19)	B Endosulfa...	7.195	6.367	88286803	125.0E6	46.497	44.823
20)	A Methoxychlor	7.534	6.643	46091784	66654000	44.781	42.583m
21)	B Endrin ke...	7.682	6.872	97052188	143.5E6	46.409	44.479m
22)	Mirex	8.158	7.056	72525161	106.7E6	43.971	42.327

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 12:17
Operator : AR\AJ
Sample : PB158801BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158801BS

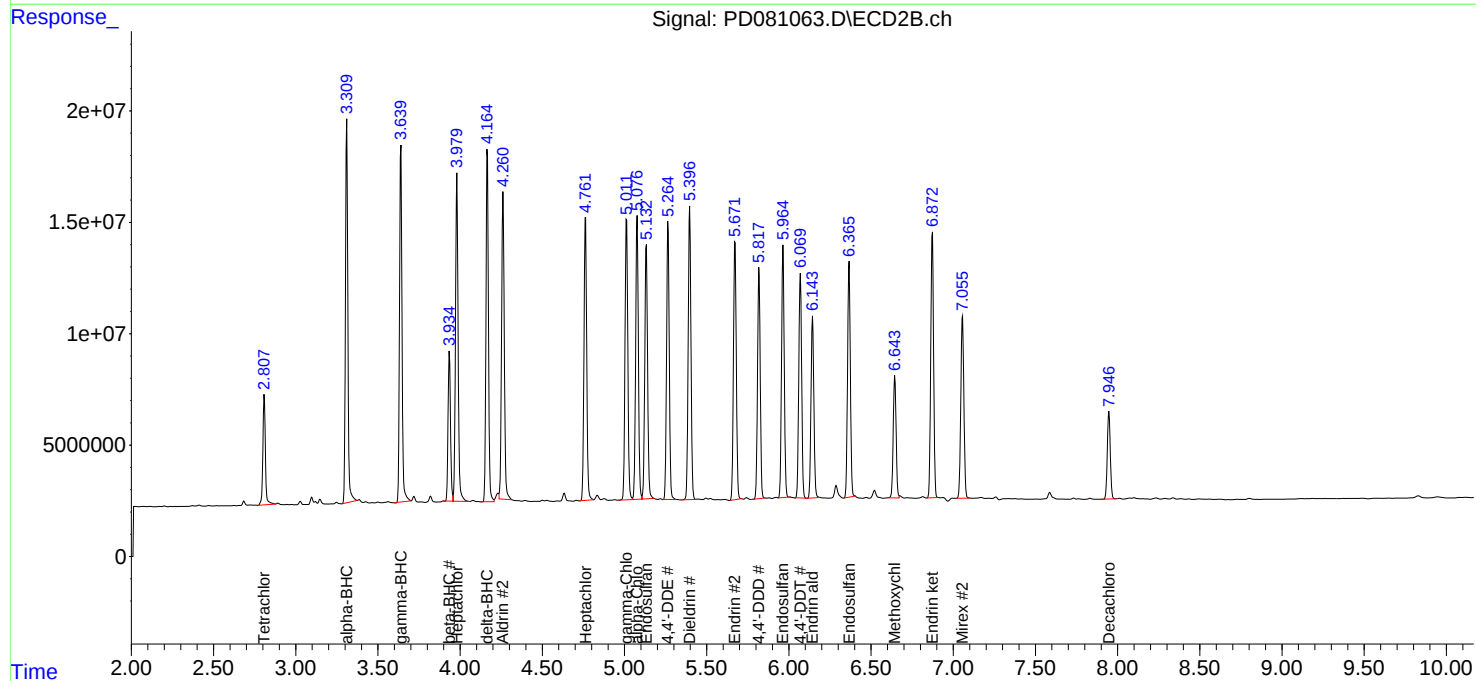
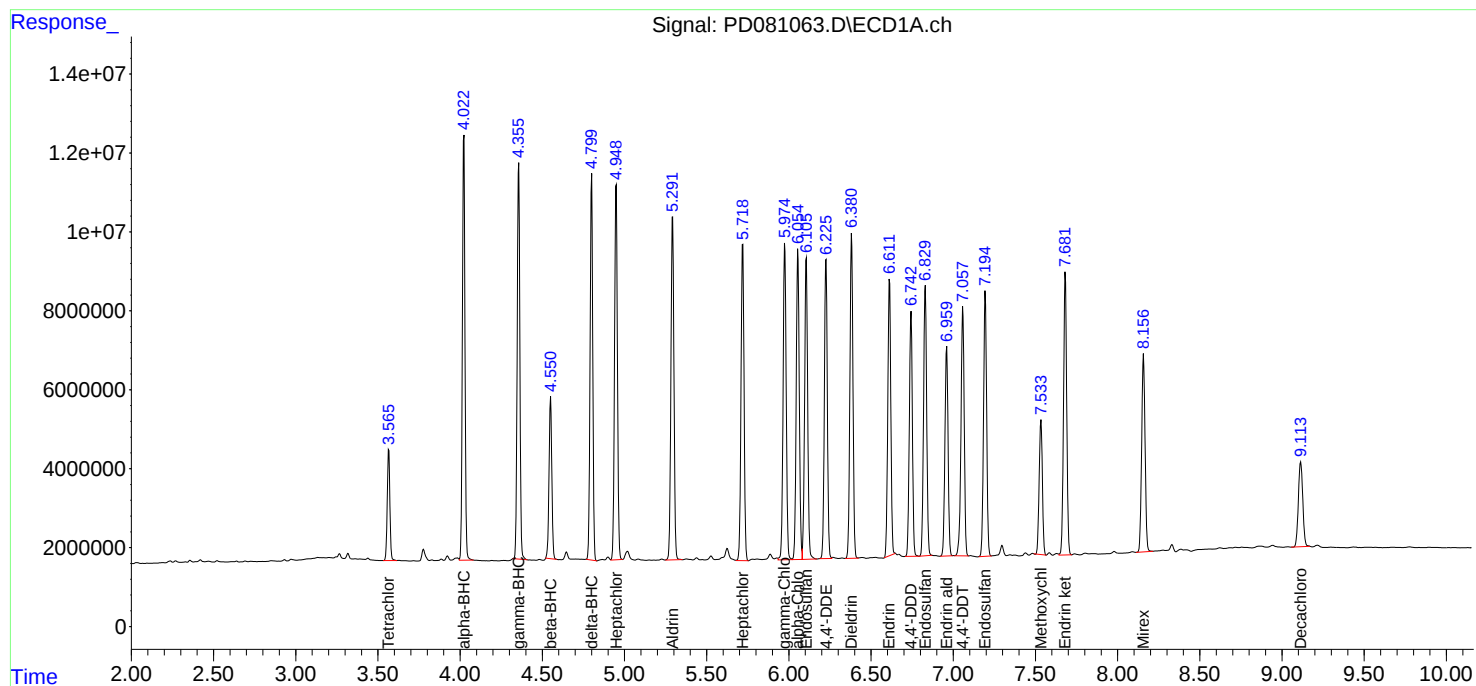
Manual Integrations

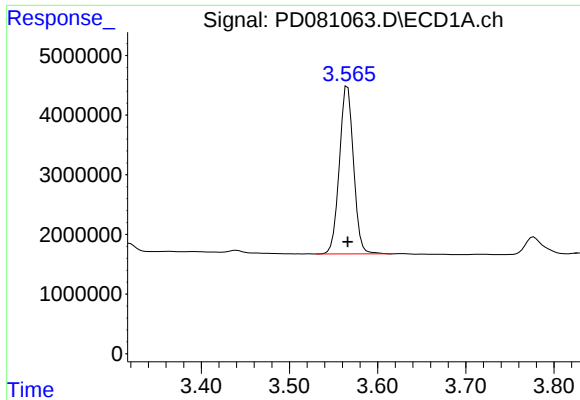
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Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 20:57:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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





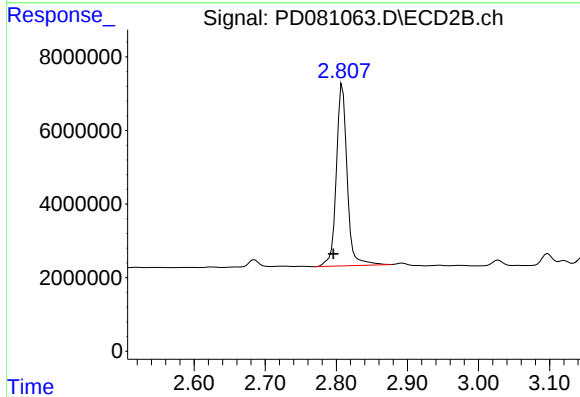
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31340871
Conc: 22.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

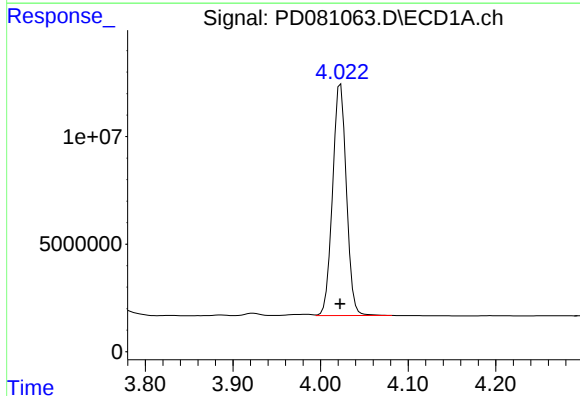
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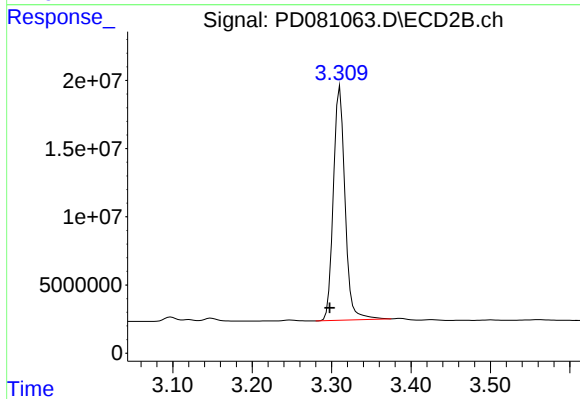
#1 Tetrachloro-m-xylene

R.T.: 2.809 min
Delta R.T.: 0.013 min
Response: 52065416
Conc: 21.77 ng/ml



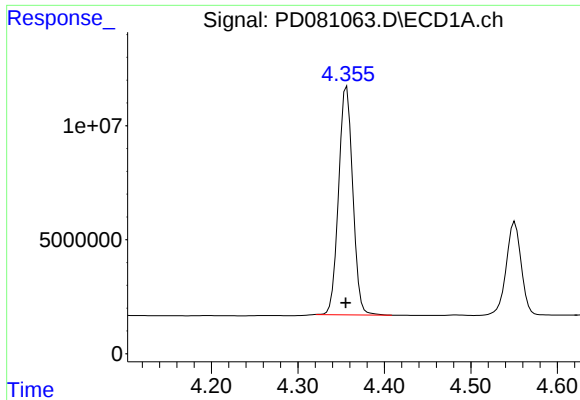
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 118173959
Conc: 47.58 ng/ml



#2 alpha-BHC

R.T.: 3.311 min
Delta R.T.: 0.013 min
Response: 174822046
Conc: 45.56 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 113015482
Conc: 46.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

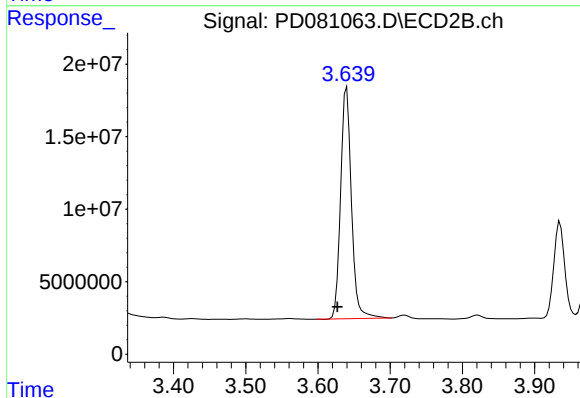
PB158801BS

Manual Integrations

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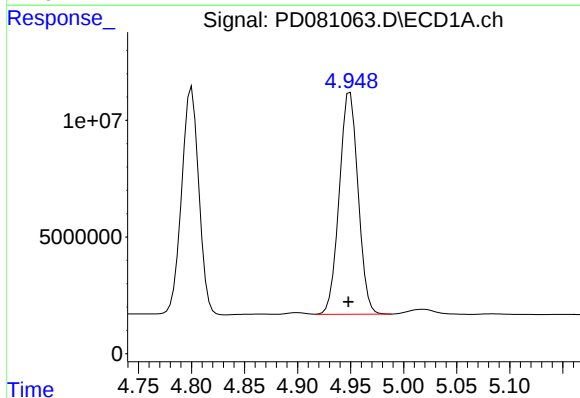
Reviewed By :Abdul Mirza 02/06/2024

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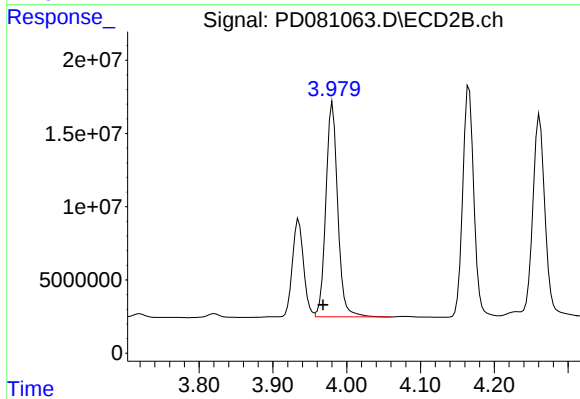
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.013 min
Response: 165926839
Conc: 44.38 ng/ml



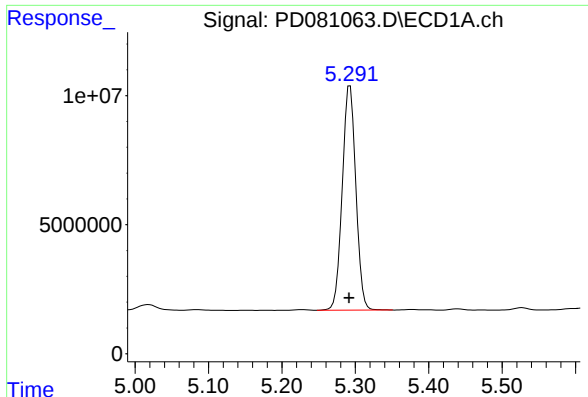
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 117090968
Conc: 47.48 ng/ml



#4 Heptachlor

R.T.: 3.981 min
Delta R.T.: 0.013 min
Response: 163560227
Conc: 47.44 ng/ml



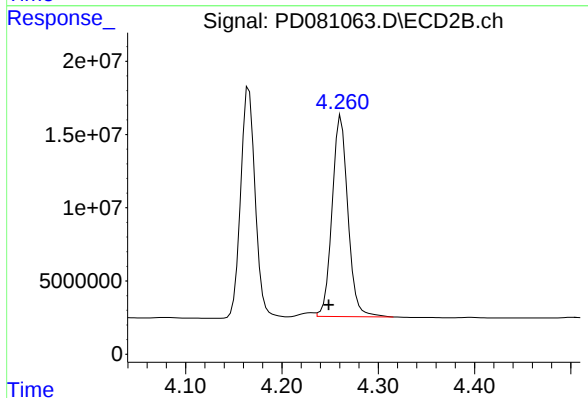
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 111902186
Conc: 45.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

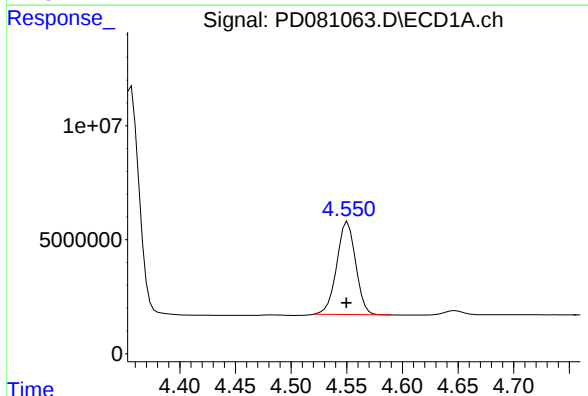
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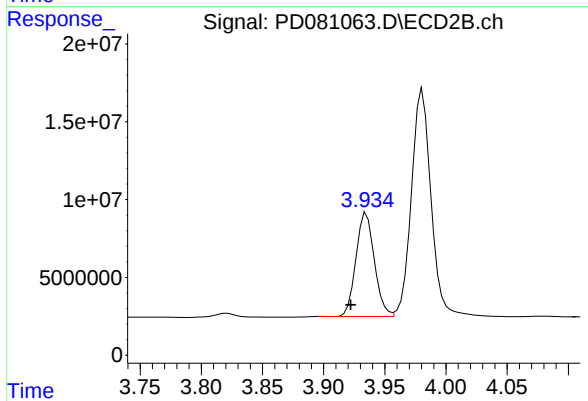
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.012 min
Response: 156442599
Conc: 42.96 ng/ml m



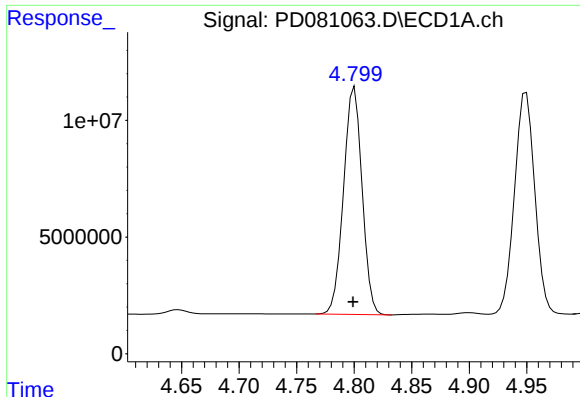
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 48113013
Conc: 47.55 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.013 min
Response: 69723166
Conc: 44.62 ng/ml



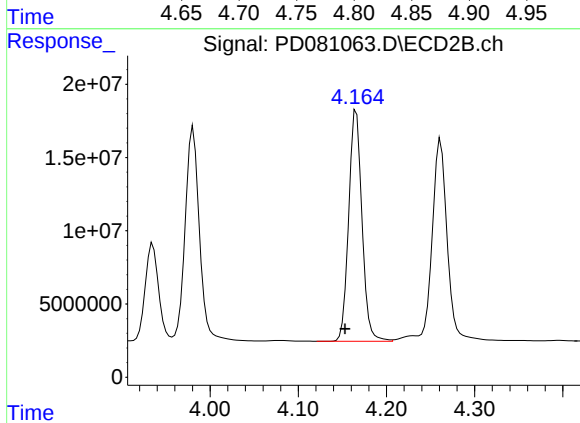
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 109729854
Conc: 43.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

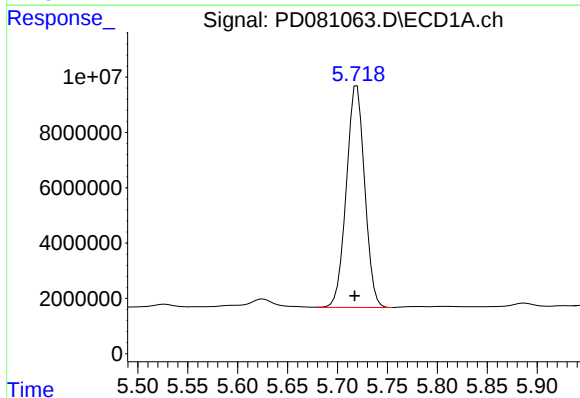
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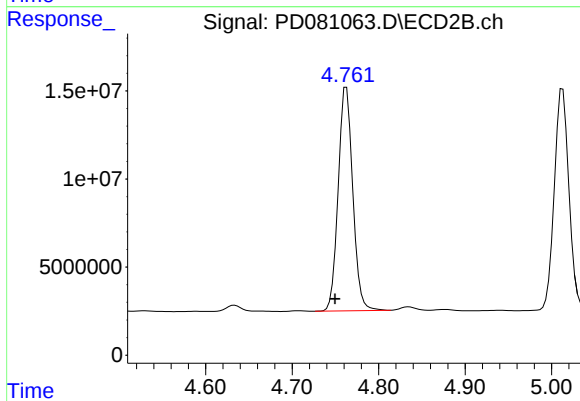
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.013 min
Response: 165263452
Conc: 44.03 ng/ml



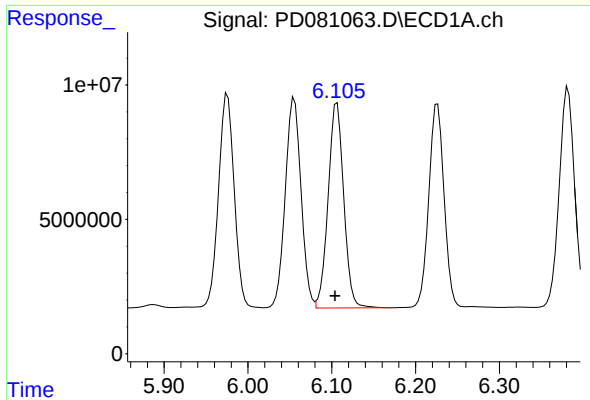
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 102573165
Conc: 45.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.763 min
Delta R.T.: 0.013 min
Response: 147815162
Conc: 44.13 ng/ml



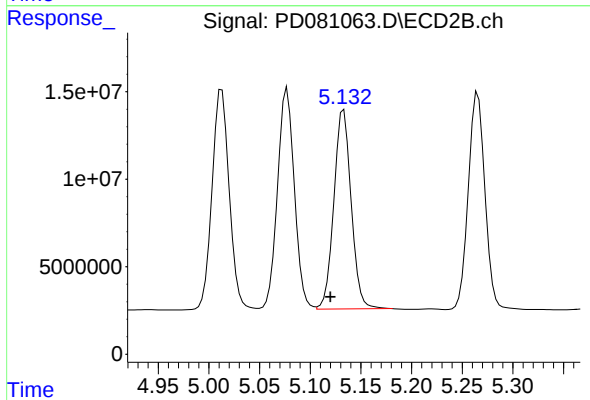
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 98563053
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

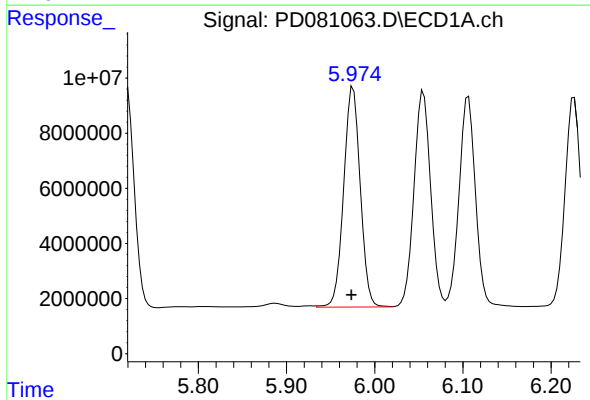
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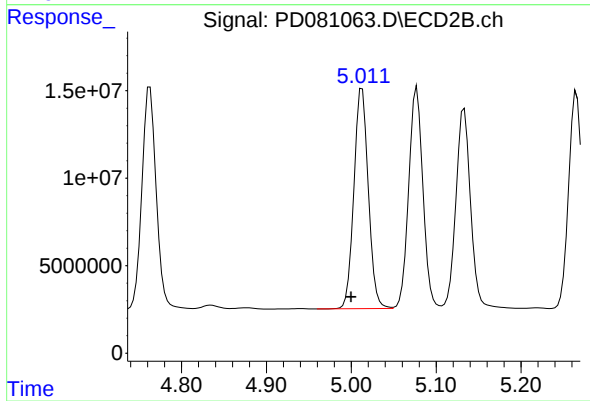
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.013 min
Response: 135378459
Conc: 44.20 ng/ml



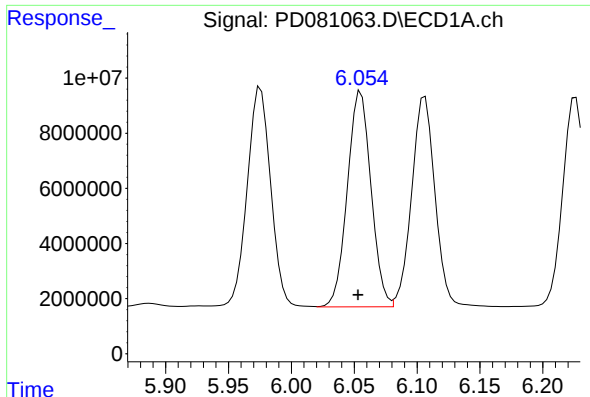
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 104408699
Conc: 47.69 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: 0.013 min
Response: 148698710
Conc: 45.46 ng/ml



#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 102615583
Conc: 47.13 ng/ml

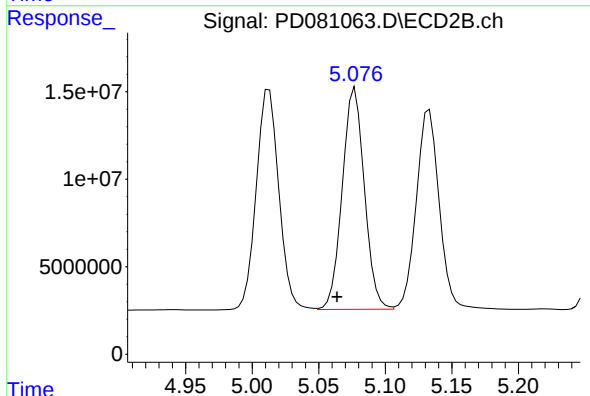
Instrument :

ECD_D

ClientSampleId :
PB158801BS

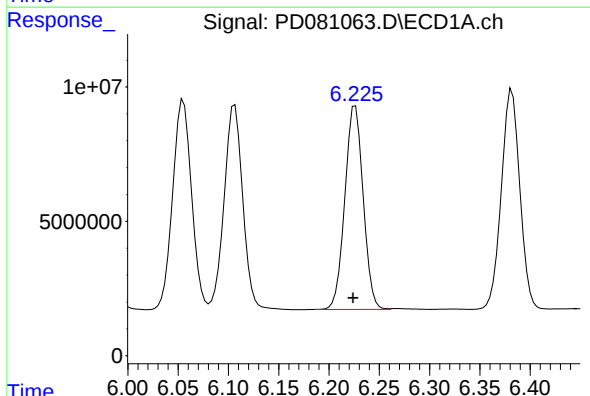
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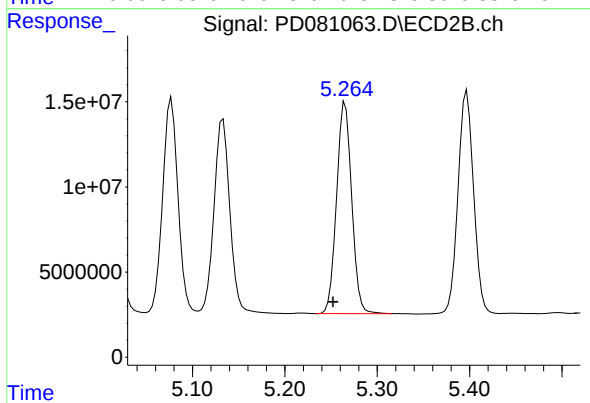
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.013 min
Response: 146246579
Conc: 44.73 ng/ml



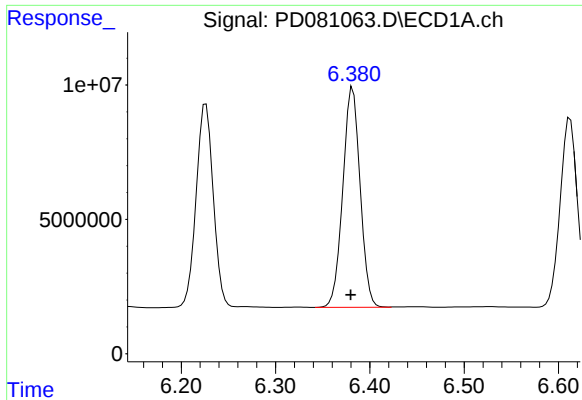
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 95933824
Conc: 47.14 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.012 min
Response: 141301716
Conc: 46.13 ng/ml m



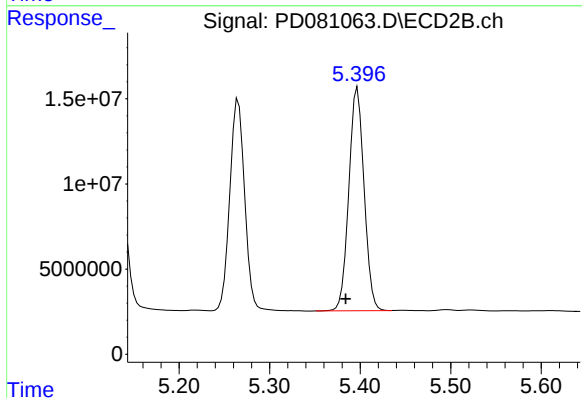
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 104519727
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

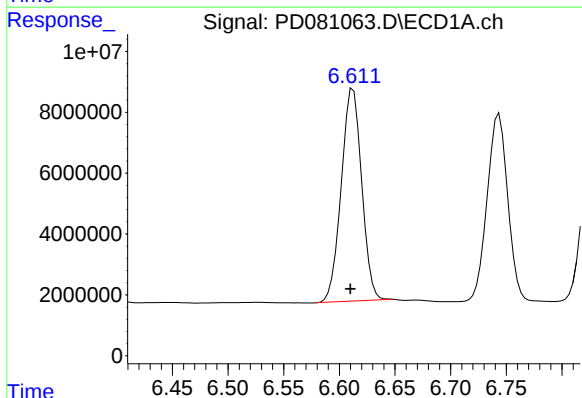
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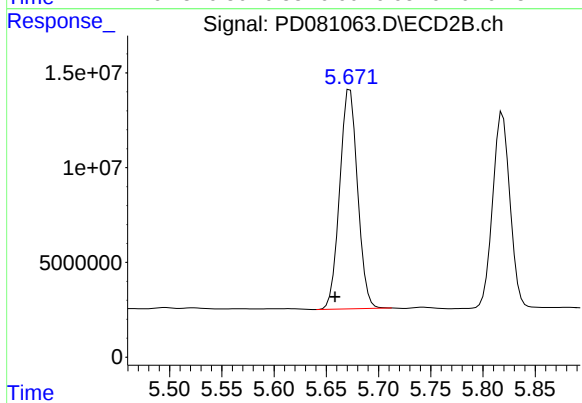
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.013 min
Response: 153579516
Conc: 45.16 ng/ml



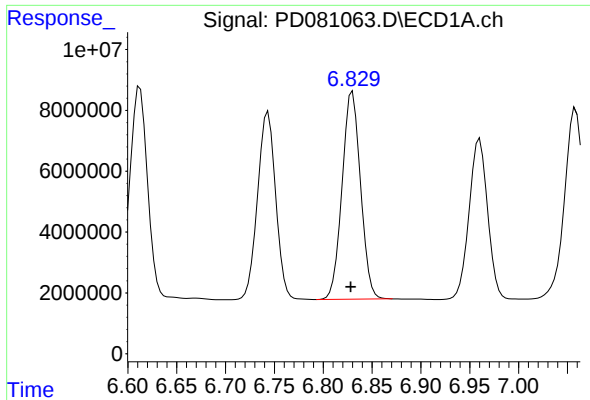
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 89264104
Conc: 47.79 ng/ml m



#14 Endrin

R.T.: 5.673 min
Delta R.T.: 0.014 min
Response: 137904931
Conc: 46.54 ng/ml



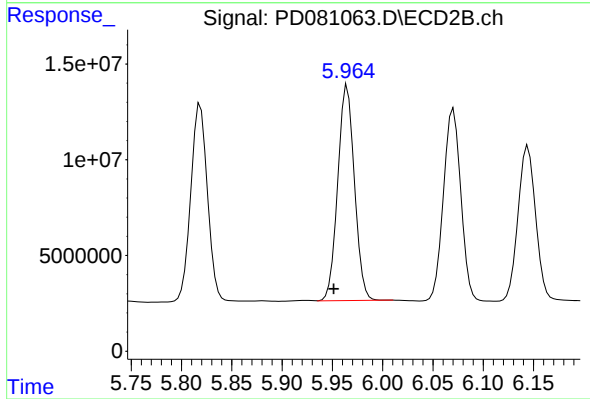
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 89821148
Conc: 46.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

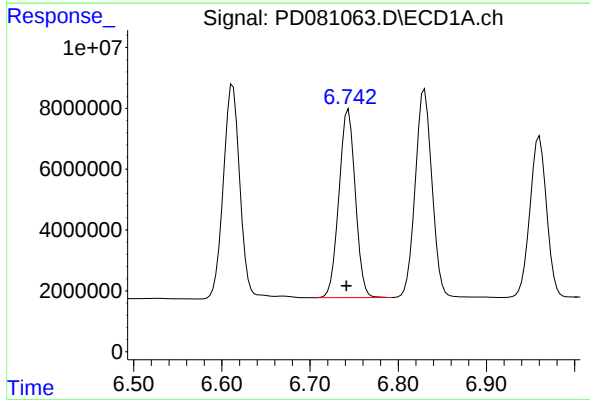
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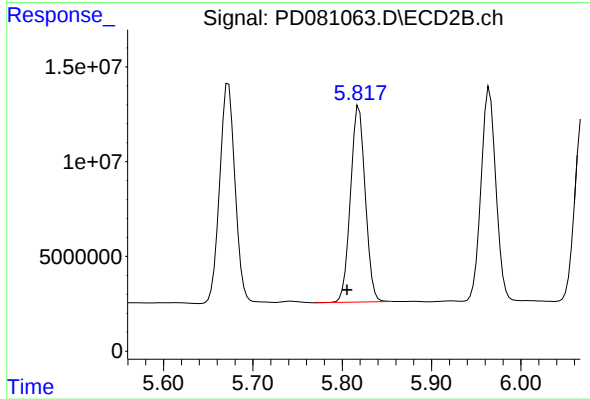
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 129653331
Conc: 45.08 ng/ml



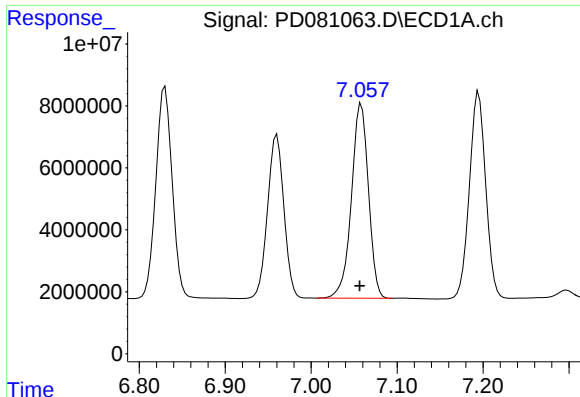
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 79813938
Conc: 48.57 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.013 min
Response: 118782408
Conc: 45.25 ng/ml



#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 86641950
Conc: 48.65 ng/ml

Instrument :

ECD_D

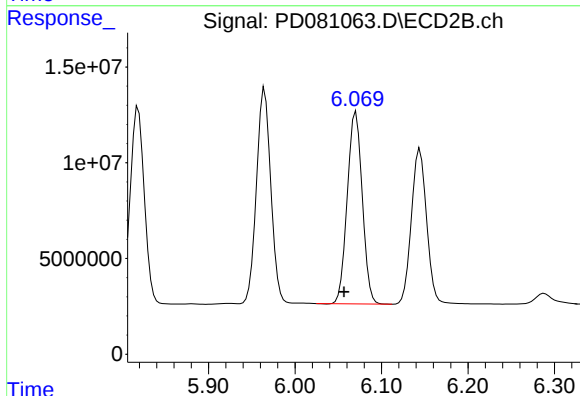
ClientSampleId :

PB158801BS

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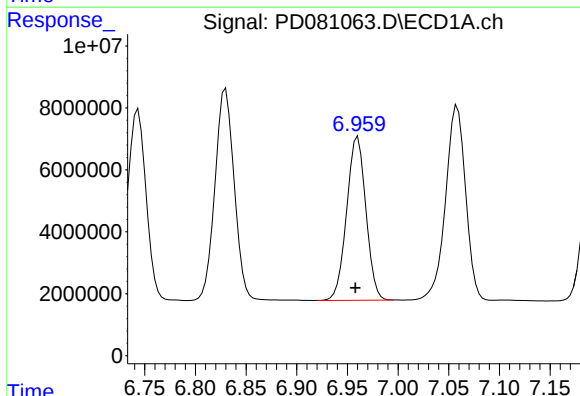
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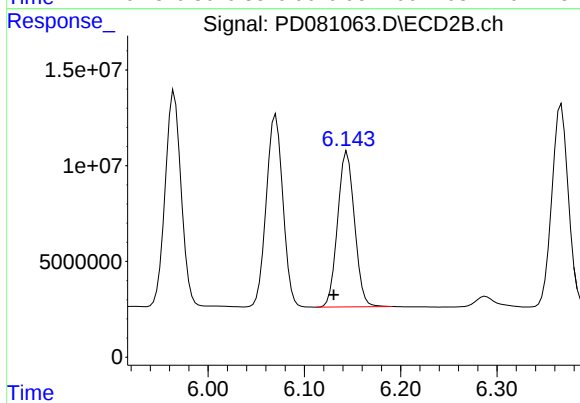
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.014 min
Response: 120432308
Conc: 45.39 ng/ml



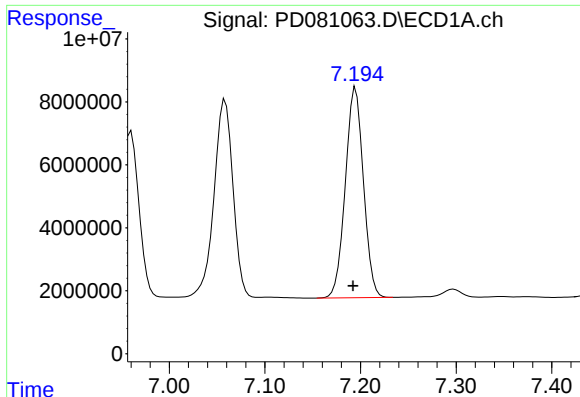
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.001 min
Response: 69756734
Conc: 45.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.014 min
Response: 98766351
Conc: 43.81 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 88286803
Conc: 46.50 ng/ml

Instrument :

ECD_D

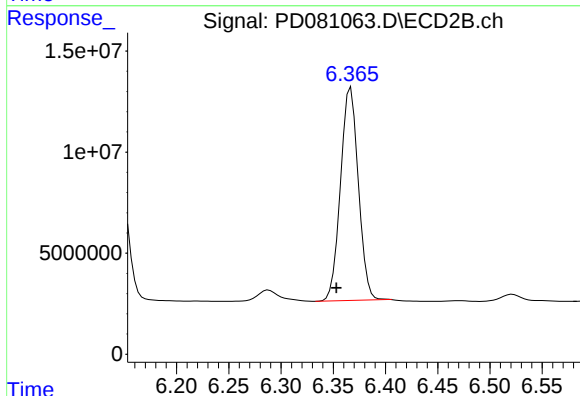
ClientSampleId :

PB158801BS

Manual Integrations

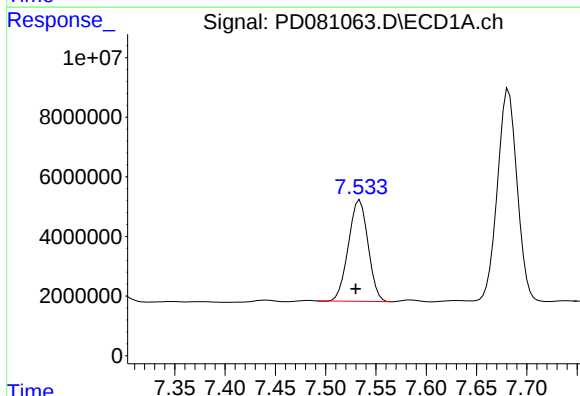
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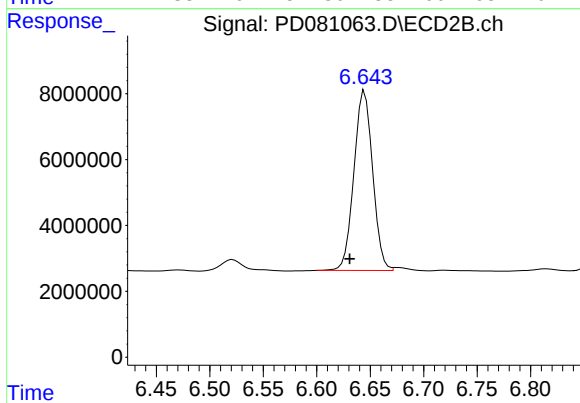
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.014 min
Response: 125027239
Conc: 44.82 ng/ml



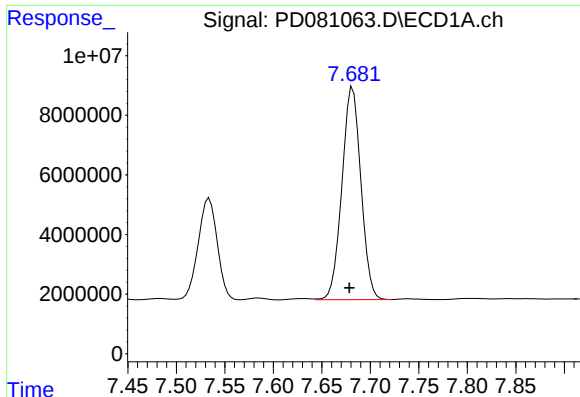
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 46091784
Conc: 44.78 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.013 min
Response: 66654000
Conc: 42.58 ng/ml m



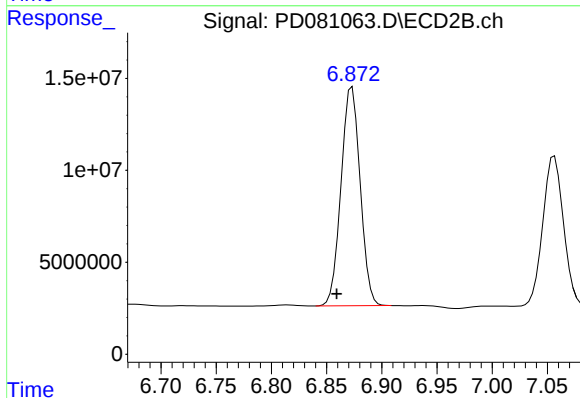
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 97052188
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

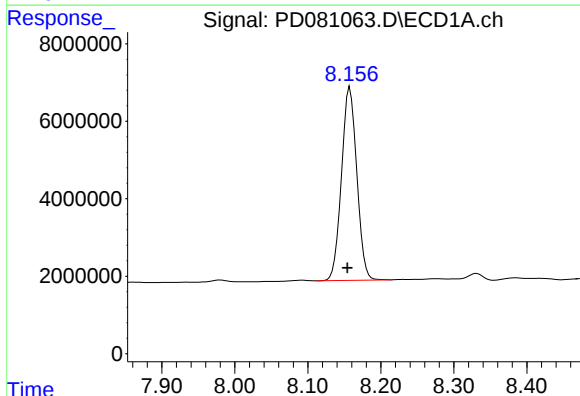
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2024
Supervised By :Ankita Jodhani 02/06/2024



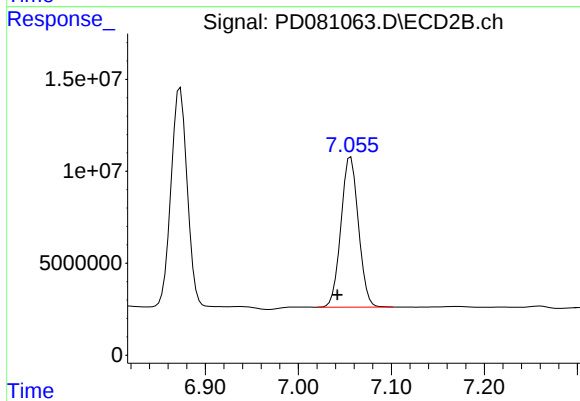
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.013 min
Response: 143534828
Conc: 44.48 ng/ml m



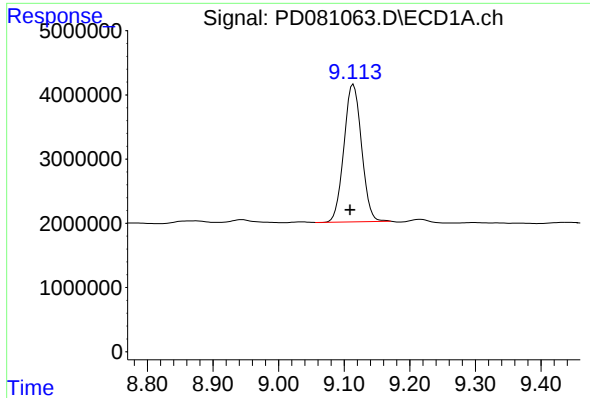
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 72525161
Conc: 43.97 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.014 min
Response: 106663602
Conc: 42.33 ng/ml



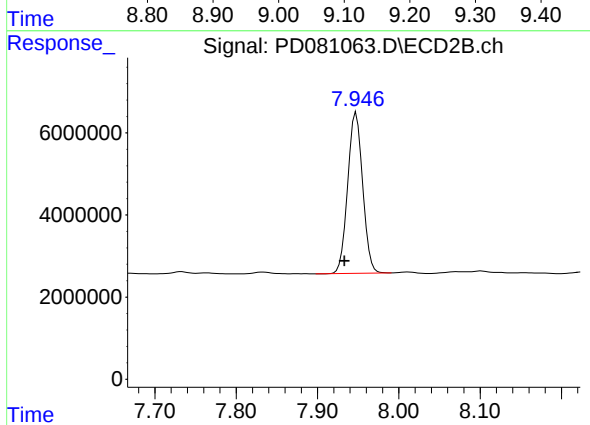
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 39935721
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158801BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.015 min
Response: 49928654
Conc: 18.74 ng/ml