

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 23:28
 Operator : AR\AJ
 Sample : PB158838BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158838BS

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 06 01:27:44 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	29563278	54850608	20.826	22.929
28)	SA Decachlor...	9.114	7.948	41371104	54950394	20.558	20.630
Target Compounds							
2)	A alpha-BHC	4.023	3.310	119.1E6	183.9E6	47.955	47.936
3)	MA gamma-BHC...	4.356	3.640	115.1E6	174.4E6	47.020	46.643
4)	MA Heptachlor	4.949	3.981	128.0E6	170.7E6	51.914	49.506
5)	MB Aldrin	5.293	4.260	126.0E6	170.7E6	51.339	46.882m
6)	B beta-BHC	4.550	3.935	49652561	72221413	49.071	46.219
7)	B delta-BHC	4.800	4.166	120.9E6	174.8E6	48.184	46.589
8)	B Heptachlo...	5.719	4.762	122.4E6	156.0E6	54.647	46.572
9)	A Endosulfan I	6.106	5.133	114.3E6	140.3E6	55.088	45.820
10)	B gamma-Chl...	5.975	5.013	123.1E6	157.5E6	56.219	48.161
11)	B alpha-Chl...	6.055	5.077	119.7E6	154.9E6	54.988	47.362
12)	B 4,4'-DDE	6.226	5.266	110.0E6	149.0E6	54.067	48.651
13)	MA Dieldrin	6.382	5.397	118.6E6	163.9E6	53.655	48.204
14)	MA Endrin	6.612	5.673	90063160	151.2E6	48.220	51.032
15)	B Endosulfa...	6.831	5.965	93753583	138.2E6	48.416	48.056
16)	A 4,4'-DDD	6.744	5.819	83080225	127.1E6	50.562	48.404
17)	MA 4,4'-DDT	7.059	6.070	90923082	127.1E6	51.055	47.916
18)	B Endrin al...	6.960	6.145	73217905	105.1E6	48.133	46.627
19)	B Endosulfa...	7.195	6.367	94576764	133.8E6	49.810	47.956
20)	A Methoxychlor	7.533	6.645	48557260	71634913	47.176	45.766
21)	B Endrin ke...	7.681	6.873	104.0E6	155.7E6	49.720	48.243
22)	Mirex	8.158	7.056	76795263	115.0E6	46.560	45.621

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 23:28
Operator : AR\AJ
Sample : PB158838BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158838BS

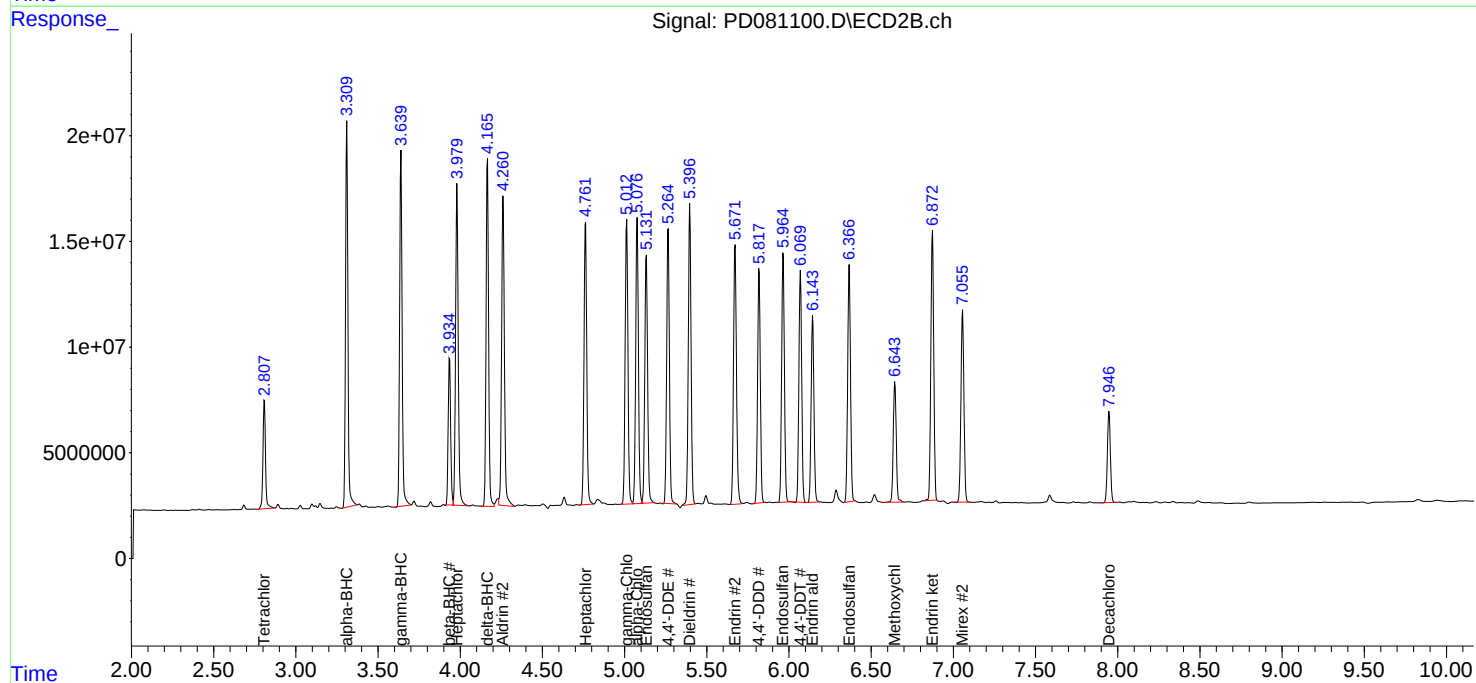
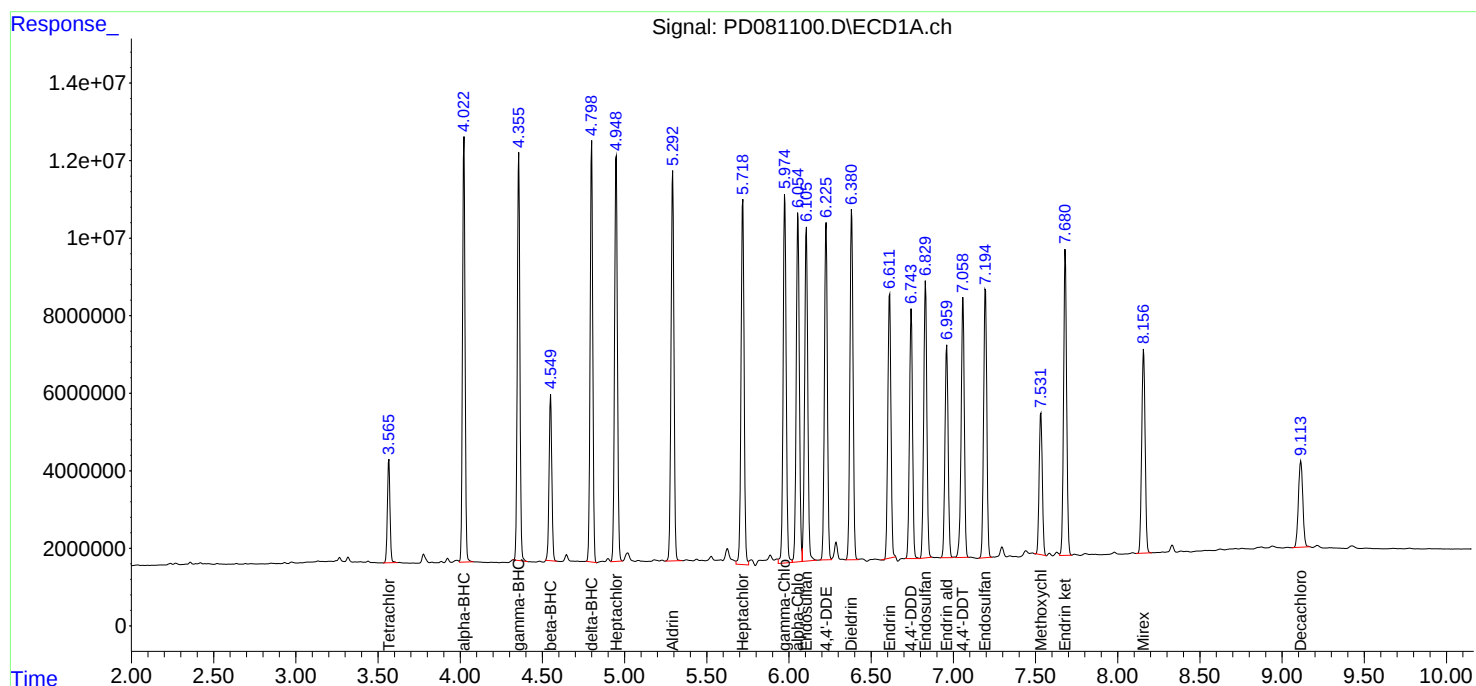
Manual Integrations

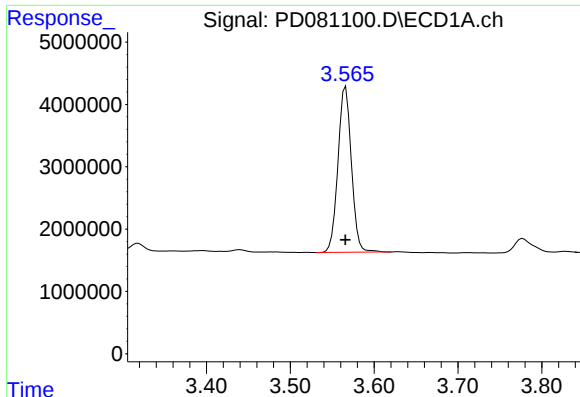
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Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 01:27:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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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





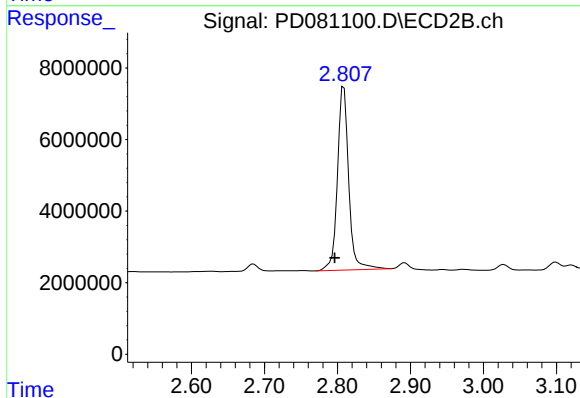
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 29563278
Conc: 20.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

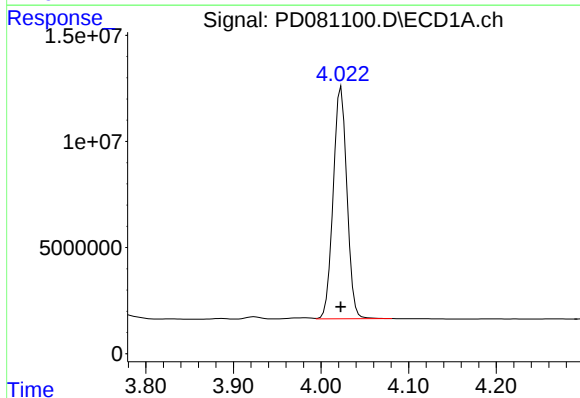
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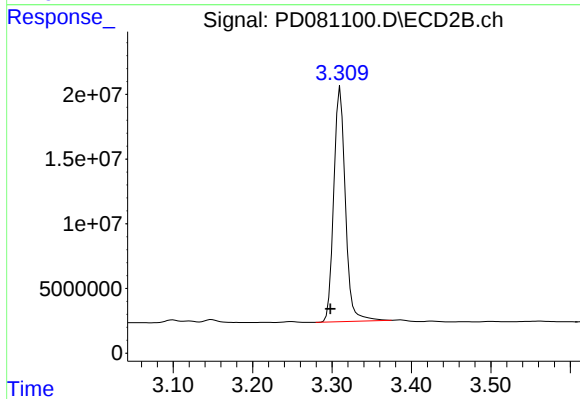
#1 Tetrachloro-m-xylene

R.T.: 2.809 min
Delta R.T.: 0.013 min
Response: 54850608
Conc: 22.93 ng/ml



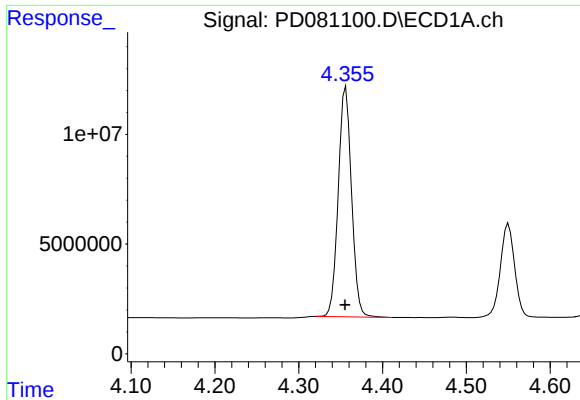
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 119113907
Conc: 47.96 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.012 min
Response: 183934023
Conc: 47.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 115086119
Conc: 47.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

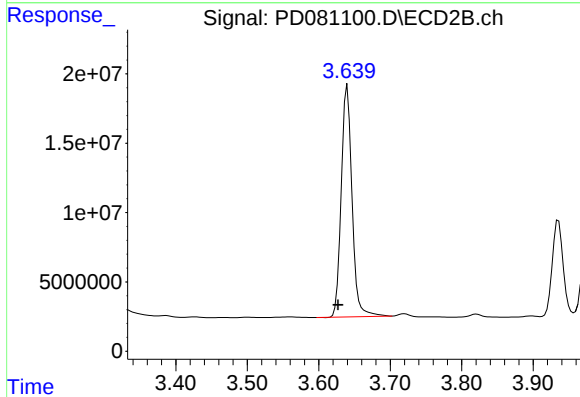
PB158838BS

Manual Integrations

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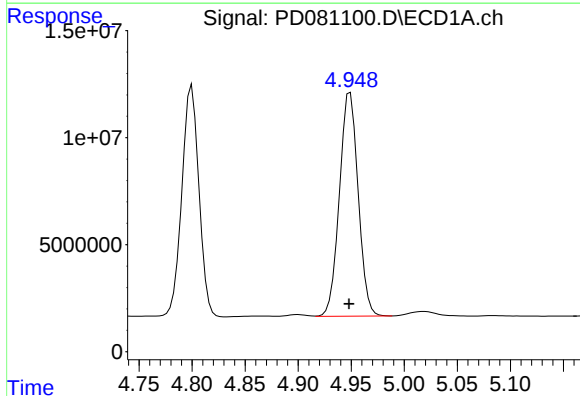
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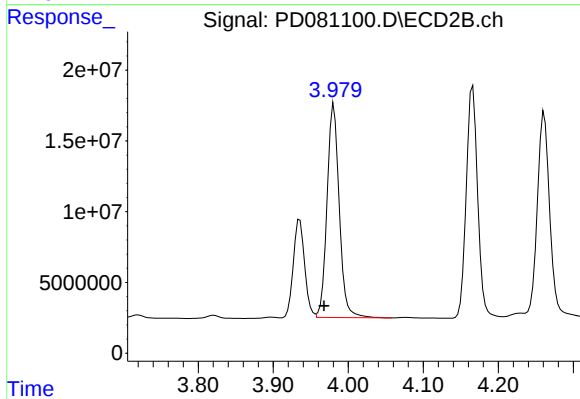
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.013 min
Response: 174393723
Conc: 46.64 ng/ml



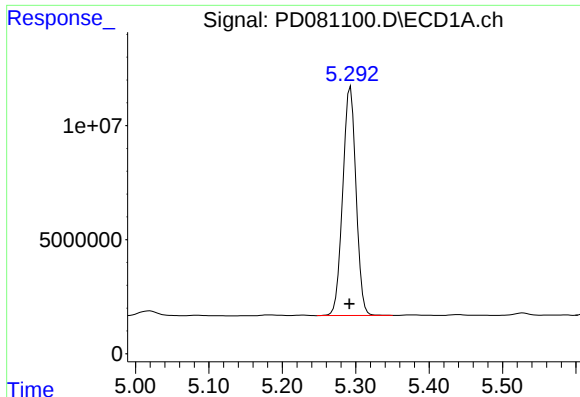
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 128038642
Conc: 51.91 ng/ml



#4 Heptachlor

R.T.: 3.981 min
Delta R.T.: 0.013 min
Response: 170699267
Conc: 49.51 ng/ml



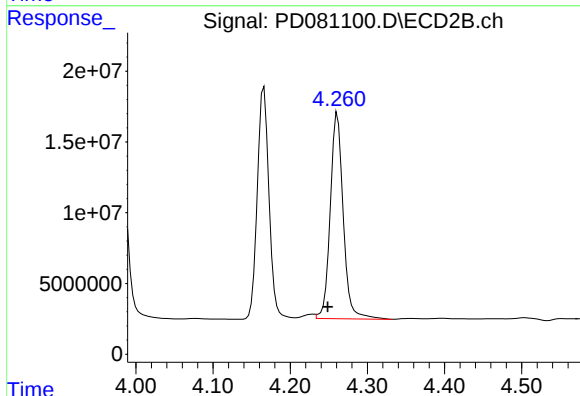
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 126016851
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

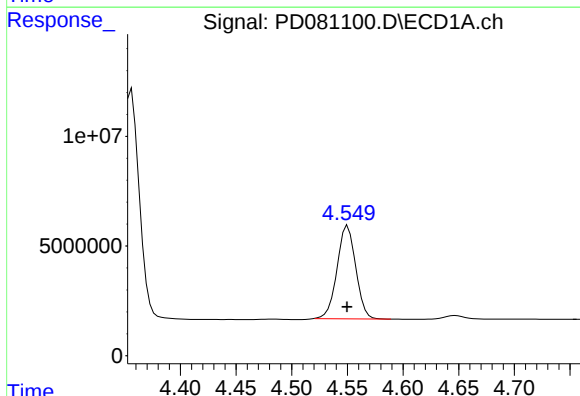
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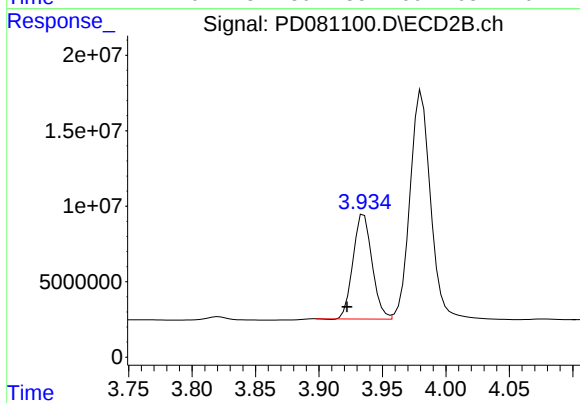
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.011 min
Response: 170743205
Conc: 46.88 ng/ml m



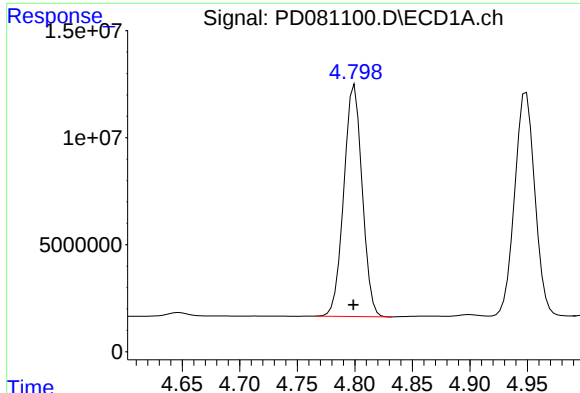
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 49652561
Conc: 49.07 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.013 min
Response: 72221413
Conc: 46.22 ng/ml



#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 120885032
Conc: 48.18 ng/ml

Instrument :

ECD_D

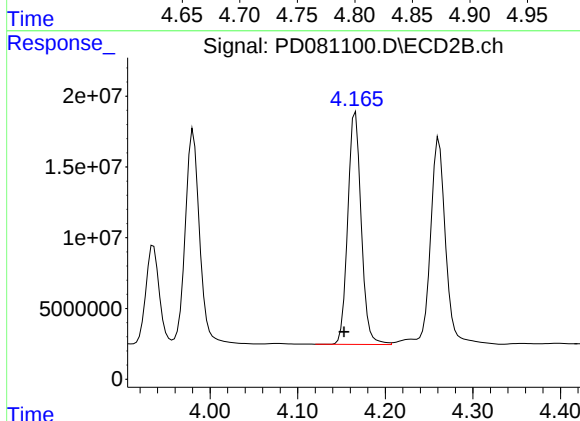
ClientSampleId :

PB158838BS

Manual Integrations

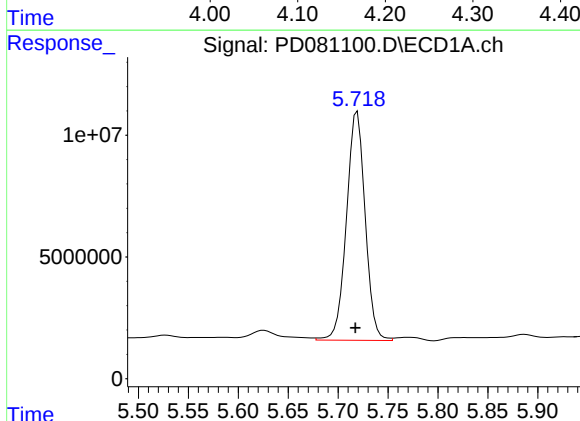
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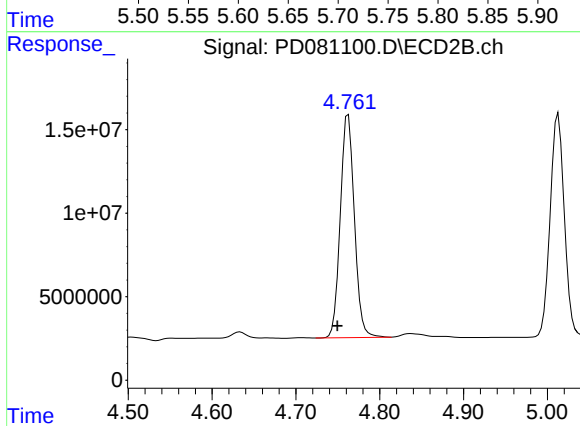
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.013 min
Response: 174849178
Conc: 46.59 ng/ml



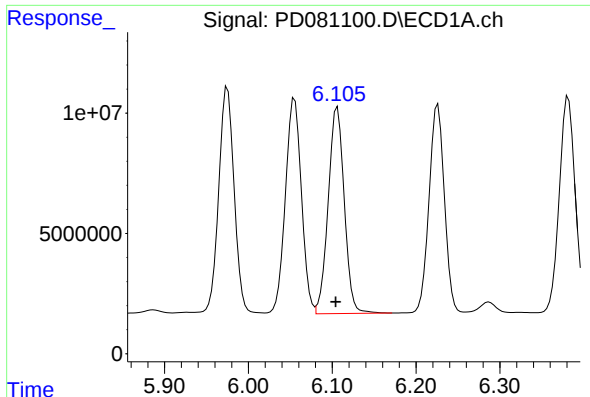
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 122366441
Conc: 54.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.762 min
Delta R.T.: 0.013 min
Response: 155992664
Conc: 46.57 ng/ml



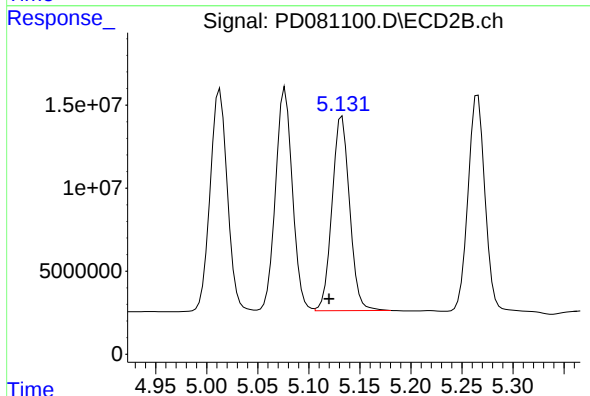
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 114256770
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

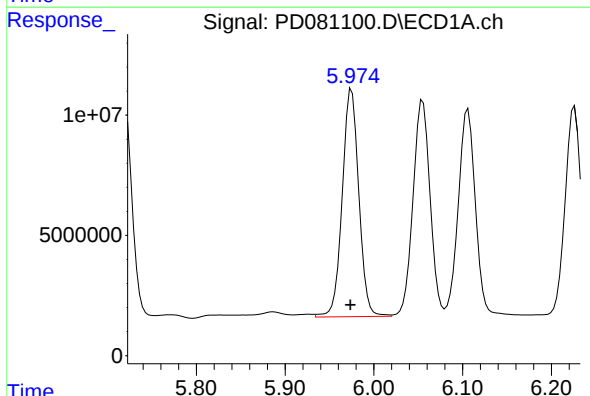
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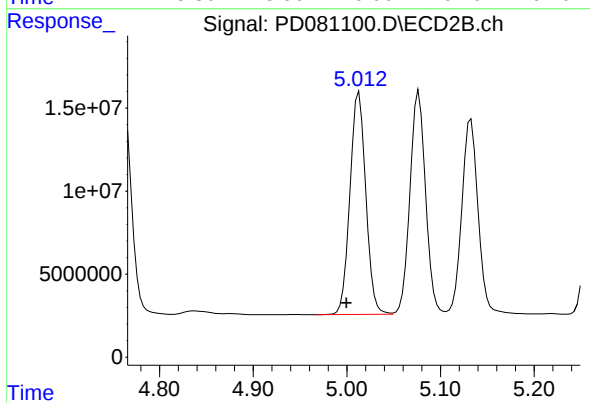
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.013 min
Response: 140335440
Conc: 45.82 ng/ml



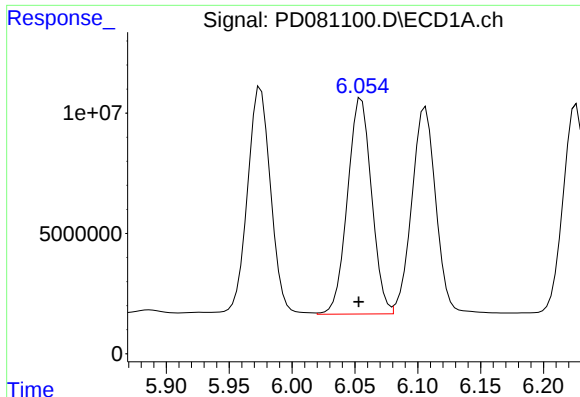
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 123070015
Conc: 56.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: 0.013 min
Response: 157533802
Conc: 48.16 ng/ml



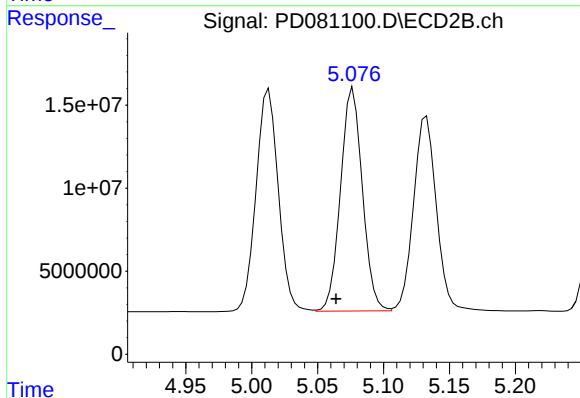
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 119731586
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

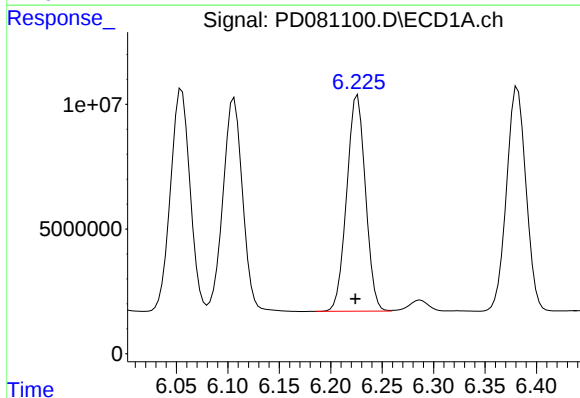
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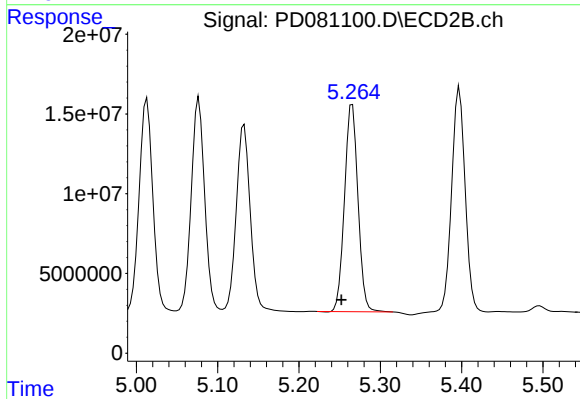
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.013 min
Response: 154851147
Conc: 47.36 ng/ml



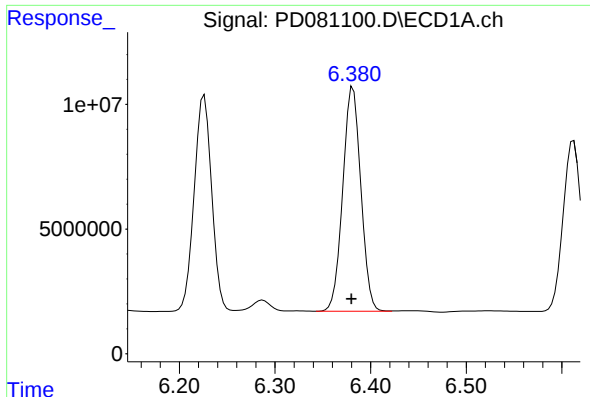
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 110019842
Conc: 54.07 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: 0.014 min
Response: 149029976
Conc: 48.65 ng/ml



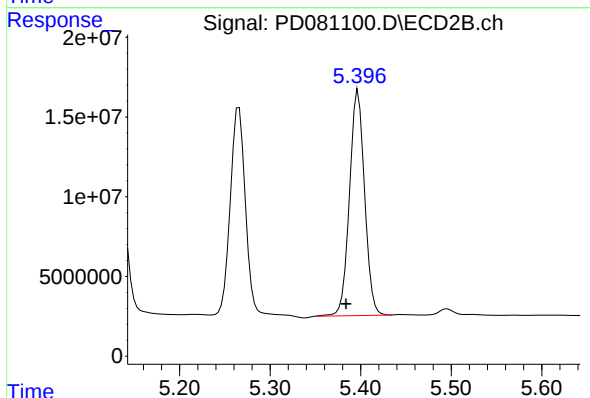
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 118562195
Conc: 53.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

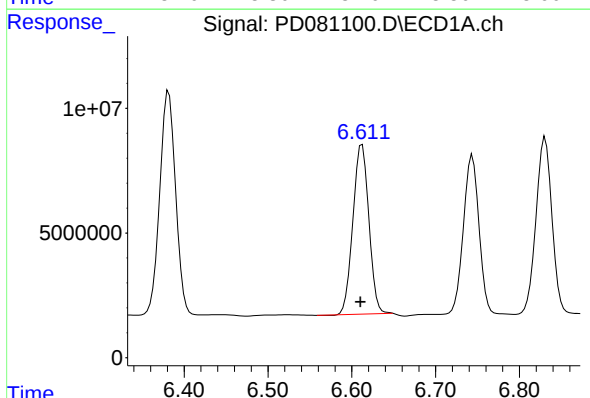
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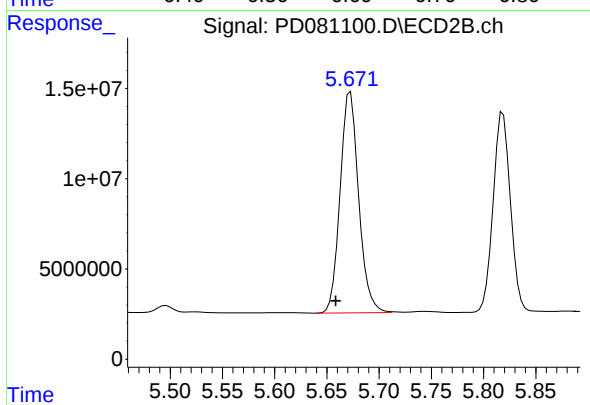
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.013 min
Response: 163930569
Conc: 48.20 ng/ml



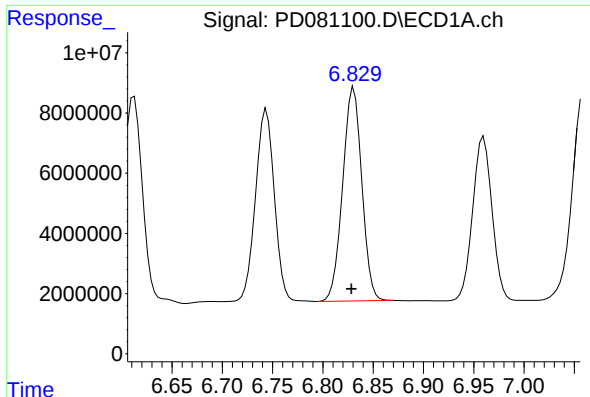
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 90063160
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 5.673 min
Delta R.T.: 0.014 min
Response: 151227746
Conc: 51.03 ng/ml



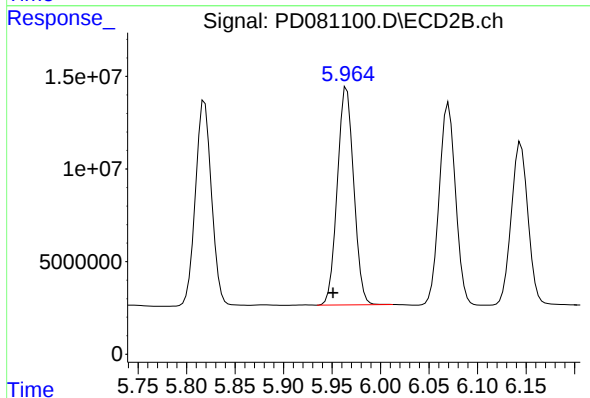
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 93753583
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

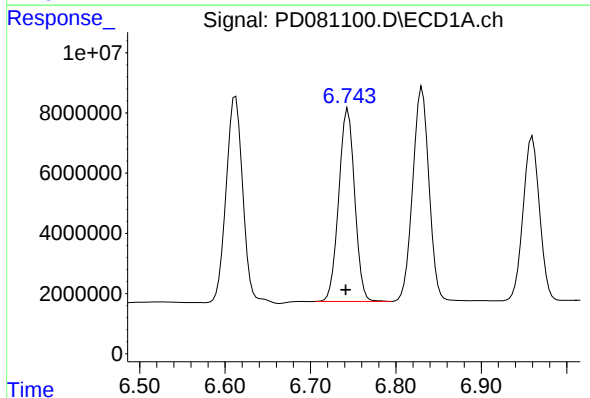
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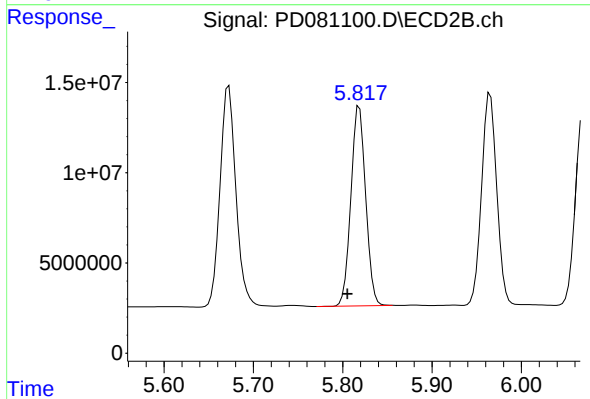
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 138206348
Conc: 48.06 ng/ml



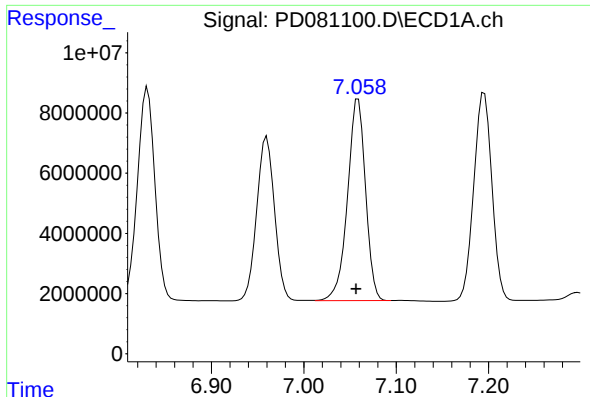
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 83080225
Conc: 50.56 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.013 min
Response: 127073771
Conc: 48.40 ng/ml



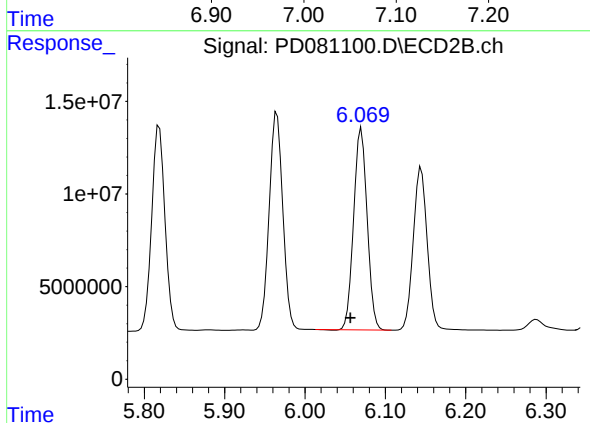
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 90923082
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

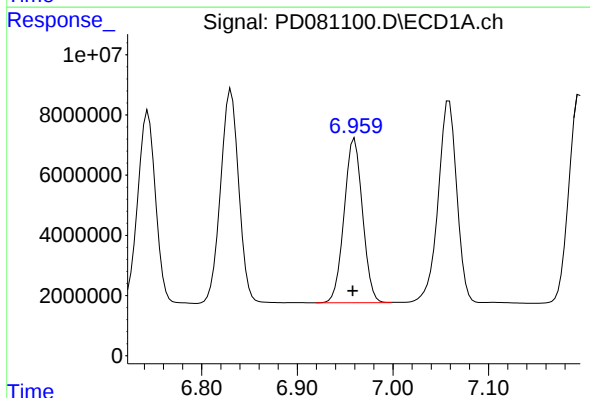
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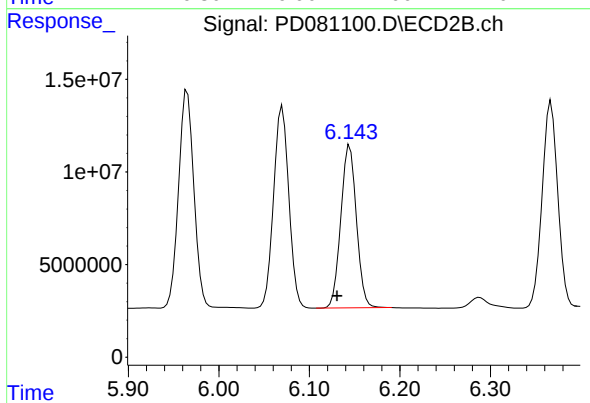
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.014 min
Response: 127124449
Conc: 47.92 ng/ml



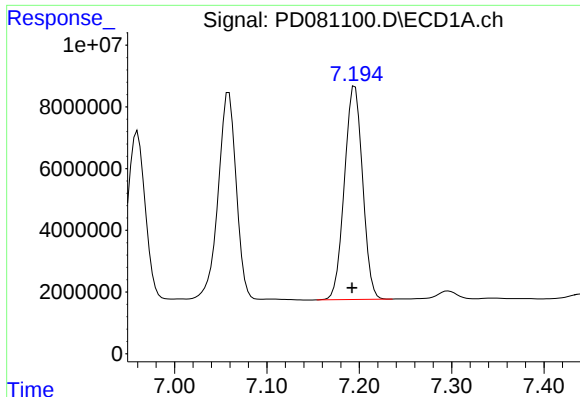
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 73217905
Conc: 48.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: 0.014 min
Response: 105126517
Conc: 46.63 ng/ml



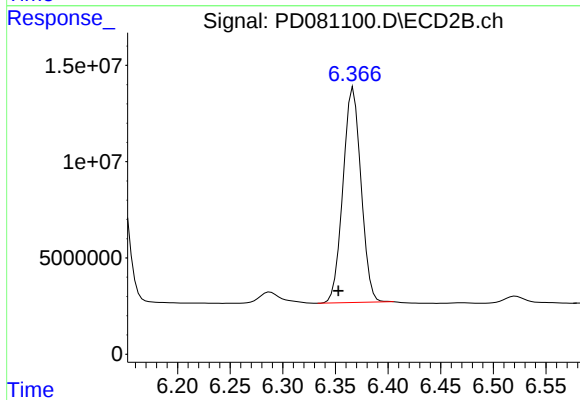
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 94576764
Conc: 49.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

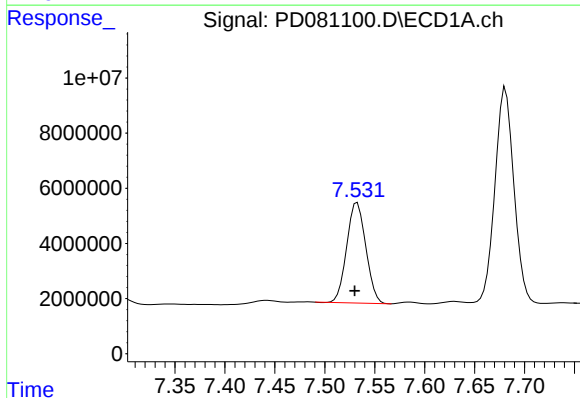
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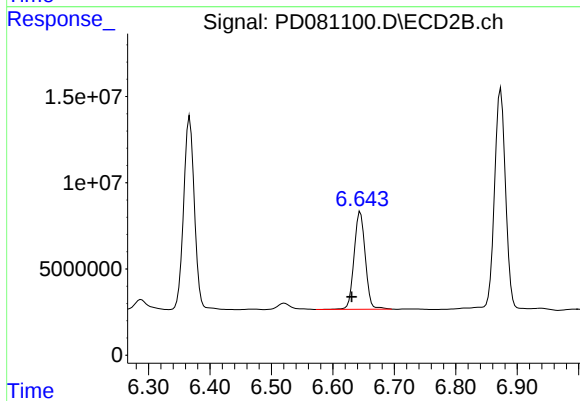
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.014 min
Response: 133766612
Conc: 47.96 ng/ml



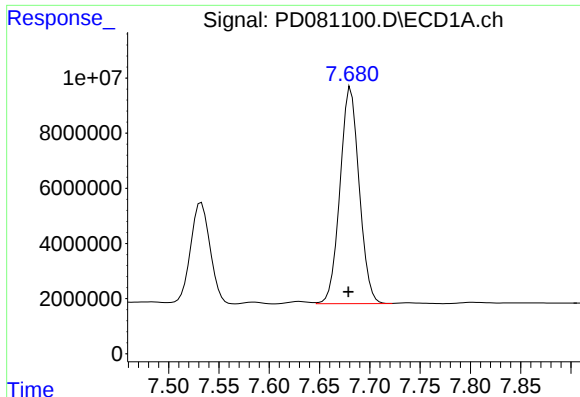
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 48557260
Conc: 47.18 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.014 min
Response: 71634913
Conc: 45.77 ng/ml



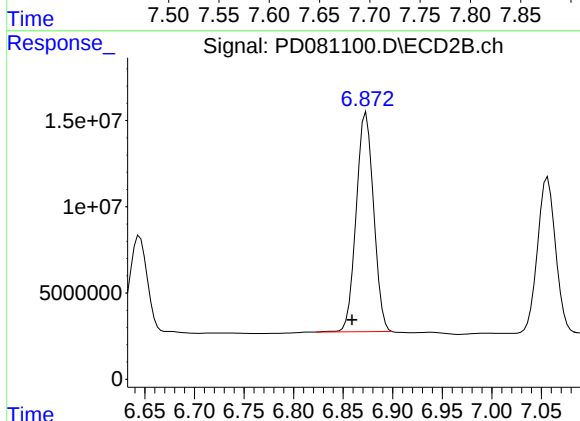
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 103976110
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

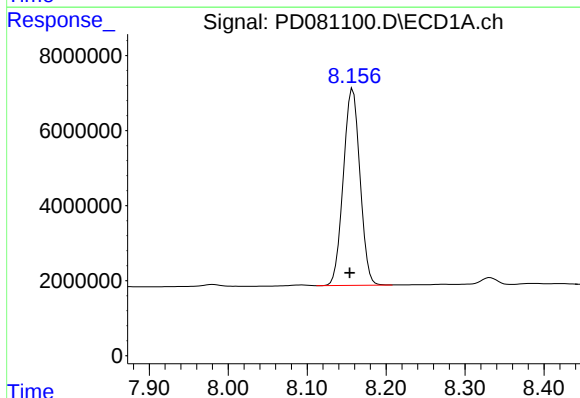
Manual Integrations
APPROVED

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



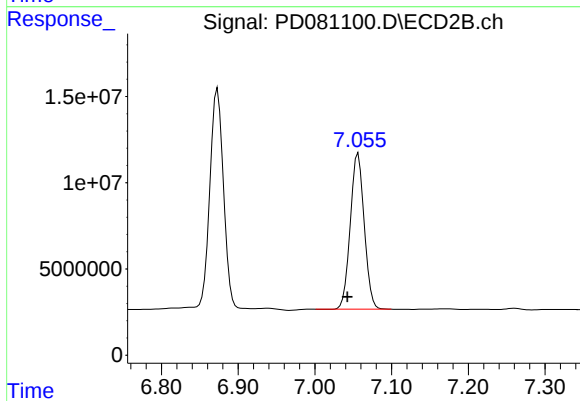
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.014 min
Response: 155679341
Conc: 48.24 ng/ml



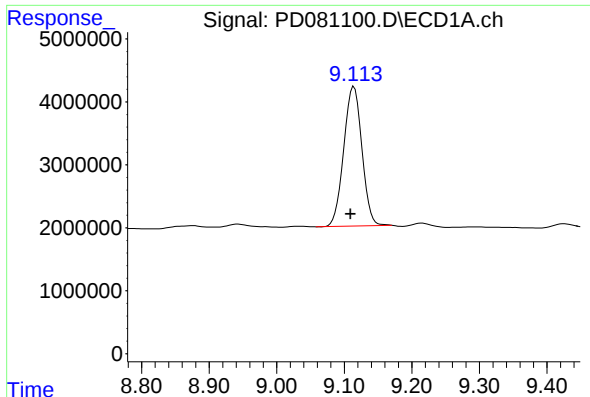
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 76795263
Conc: 46.56 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.014 min
Response: 114964048
Conc: 45.62 ng/ml



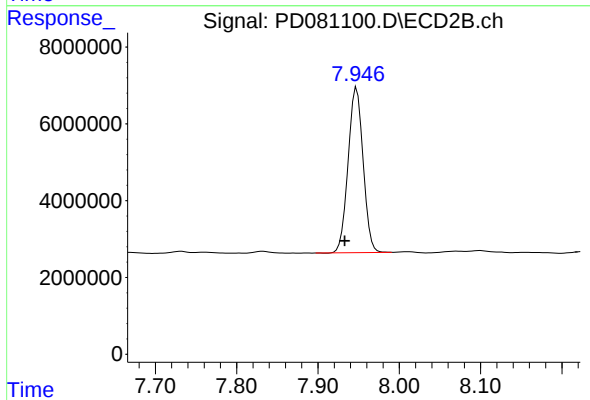
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 41371104
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158838BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.015 min
Response: 54950394
Conc: 20.63 ng/ml