

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011022\
 Data File : PD067661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 14:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : Ankita Jodhani 01/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 00:59:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.431	3.960	90388551	318.9E6	49.740	48.338
28) SA Decachlor...	8.152	9.012	35893350	196.0E6	40.407	41.245
Target Compounds						
2) A alpha-BHC	3.867	4.354	147.0E6	448.9E6	50.967	48.383
3) MA gamma-BHC...	4.149	4.638	132.0E6	407.8E6	49.624	48.390
4) MA Heptachlor	4.441	5.138	131.5E6	364.1E6	48.373	47.464
5) MB Aldrin	4.686	5.441	138.9E6	352.0E6	50.192	47.472
6) B beta-BHC	4.398	4.817	54298768	184.9E6	49.407	47.419
7) B delta-BHC	4.600	5.031	132.4E6	399.9E6	51.315	53.357
8) B Heptachlo...	5.127	5.830	122.3E6	302.0E6	49.643	56.578
9) A Endosulfan I	5.463	6.187	109.1E6	288.7E6	49.031	47.692
10) B gamma-Chl...	5.350	6.064	120.8E6	310.2E6	48.846	47.814
11) B alpha-Chl...	5.409	6.135	118.7E6	306.5E6	49.097	47.288
12) B 4,4'-DDE	5.572	6.296	109.9E6	299.1E6	49.641	48.560
13) MA Dieldrin	5.704	6.445	119.3E6	315.2E6	49.398	47.455
14) MA Endrin	5.962	6.663	97585683	257.3E6	46.455	46.406
15) B Endosulfa...	6.233	6.878	92531699	270.4E6	46.142m	45.502
16) A 4,4'-DDD	6.087	6.790	90552635	259.2E6	52.708	51.780
17) MA 4,4'-DDT	6.325	7.087	72032629	229.6E6	44.083	42.915
18) B Endrin al...	6.403	7.003	67361521	205.7E6	44.329	45.588
19) B Endosulfa...	6.615	7.226	79107376	256.7E6	48.999	46.960
20) A Methoxychlor	6.872	7.549	37858798	126.7E6	44.598	43.664
21) B Endrin ke...	7.106	7.698	83077211	289.9E6	48.543	46.203
22) Mirex	7.286	8.145	54150149	192.8E6	45.271	44.393

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011022\
Data File : PD067661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2022 14:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

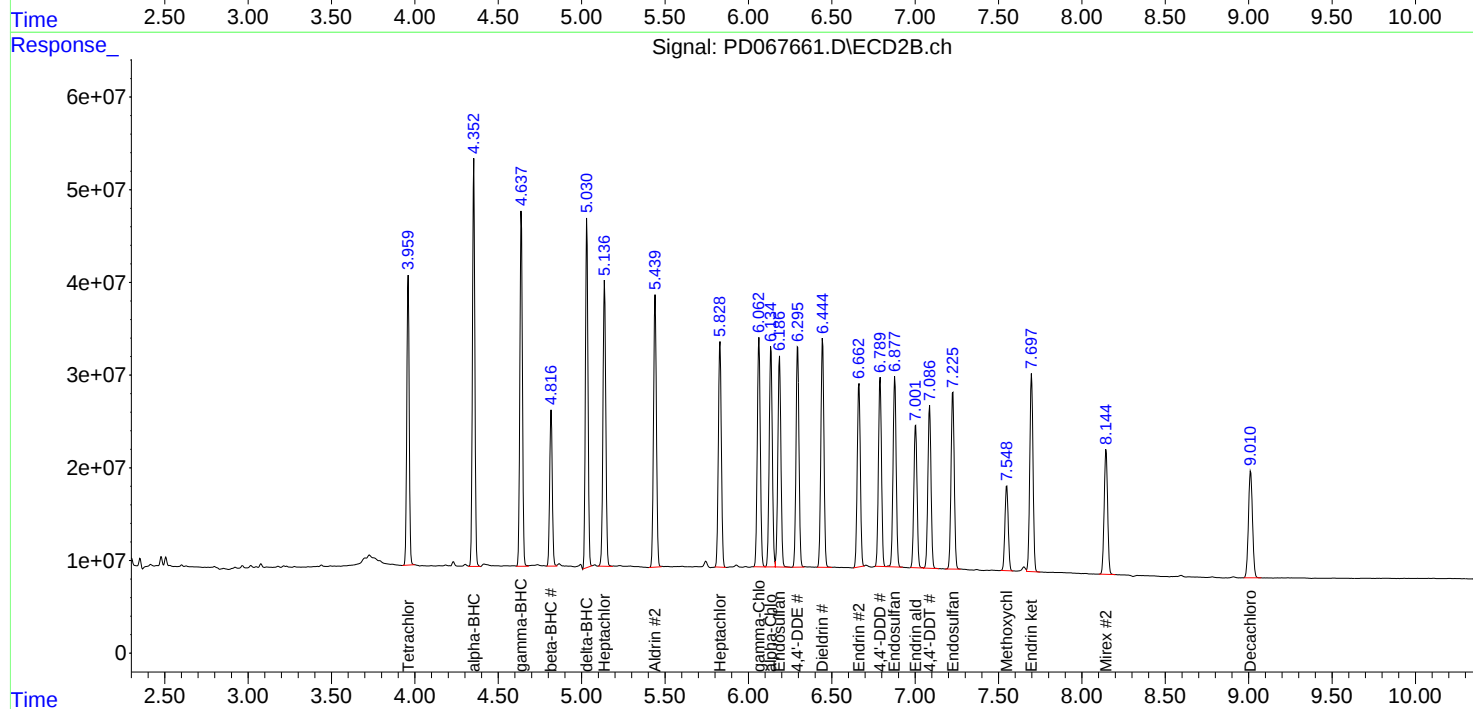
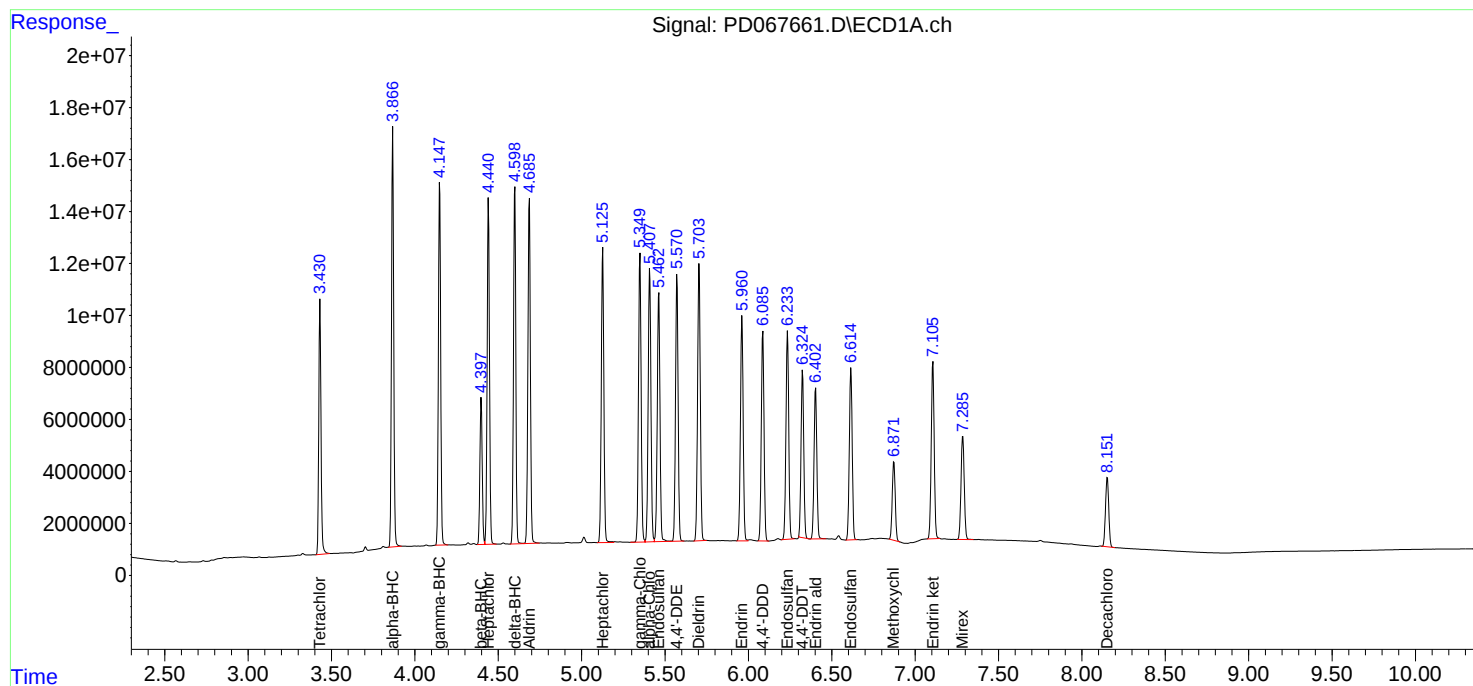
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

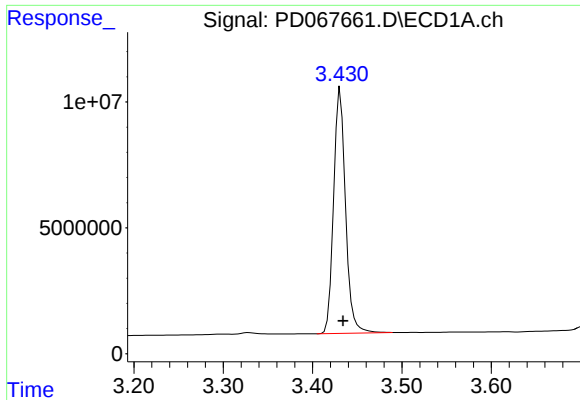
Manual Integrations
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Supervised By : Ankita Jodhani 01/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 11 00:59:30 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
Quant Title : GC Extractables
QLast Update : Tue Dec 28 03:00:50 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





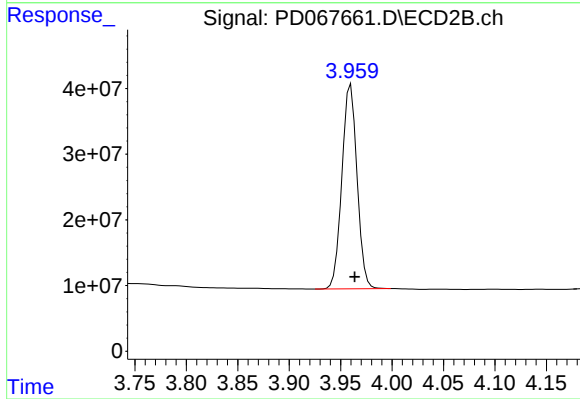
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: -0.003 min
Response: 90388551
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

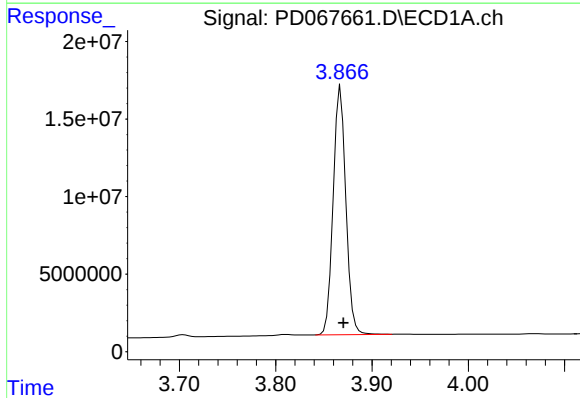
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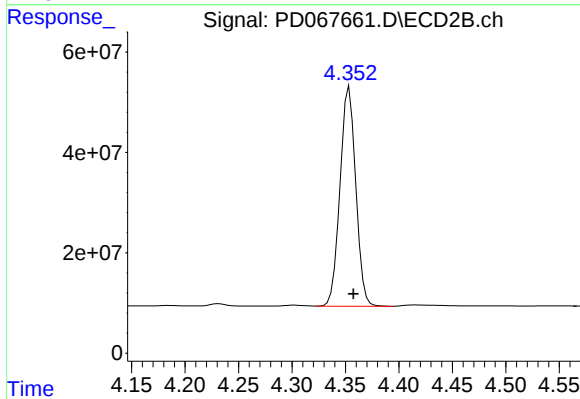
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 318946258
Conc: 48.34 ng/ml



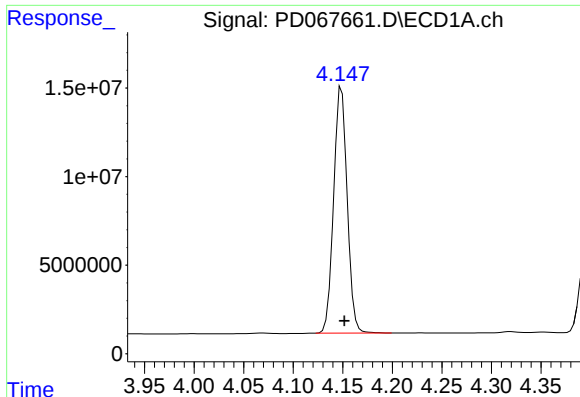
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 146992399
Conc: 50.97 ng/ml



#2 alpha-BHC

R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 448905305
Conc: 48.38 ng/ml



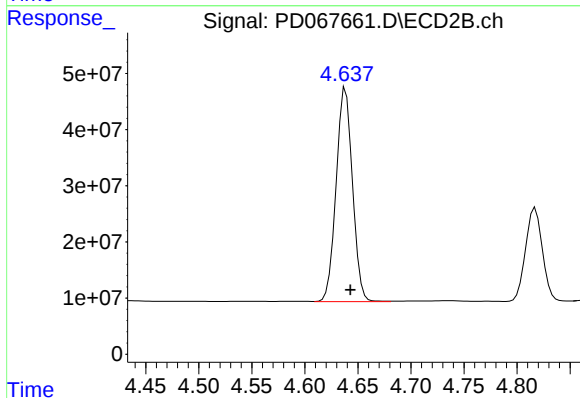
#3 gamma-BHC (Lindane)

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 131982590
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

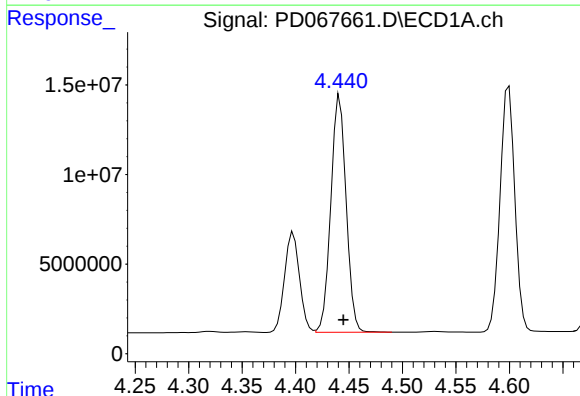
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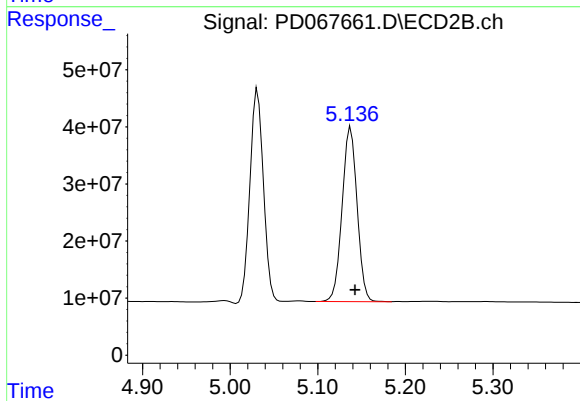
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 407817852
Conc: 48.39 ng/ml



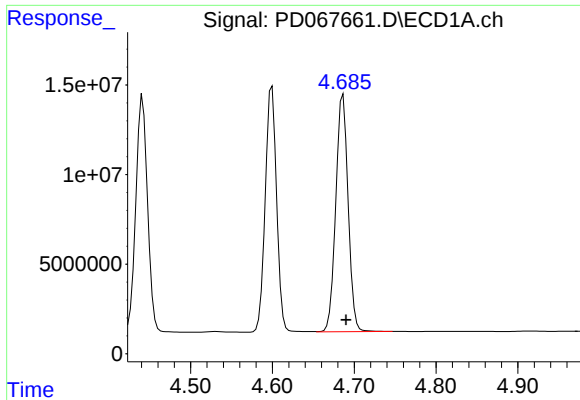
#4 Heptachlor

R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 131547248
Conc: 48.37 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: -0.005 min
Response: 364145932
Conc: 47.46 ng/ml



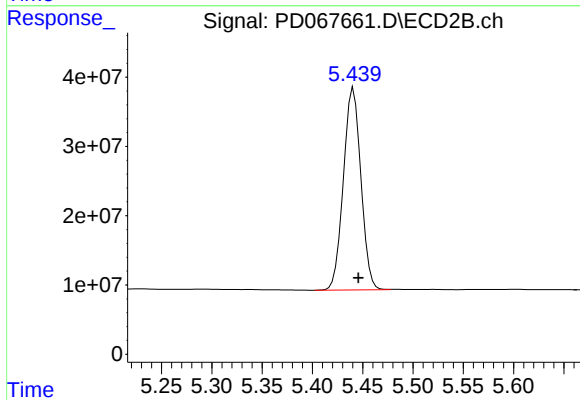
#5 Aldrin

R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 138923321
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

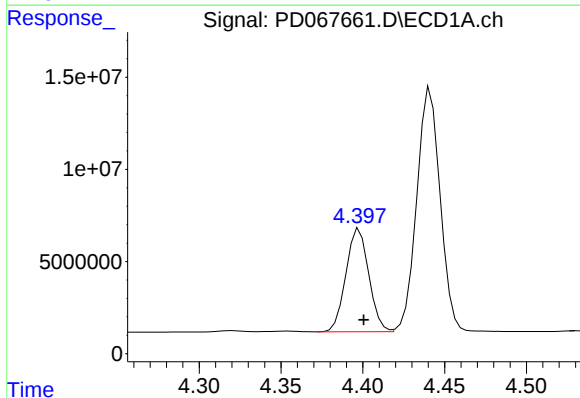
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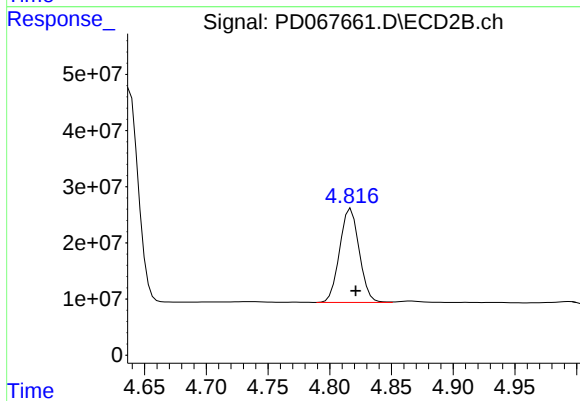
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: -0.005 min
Response: 352002073
Conc: 47.47 ng/ml



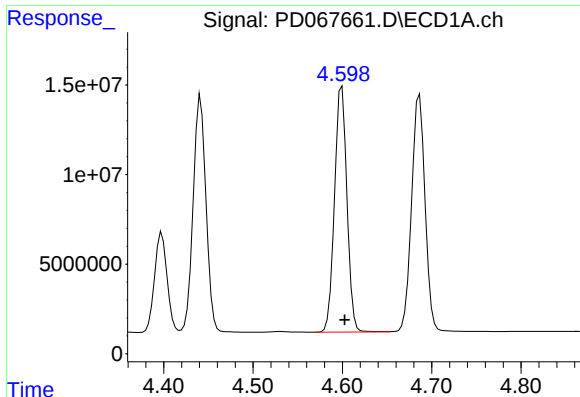
#6 beta-BHC

R.T.: 4.398 min
Delta R.T.: -0.003 min
Response: 54298768
Conc: 49.41 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 184900933
Conc: 47.42 ng/ml



#7 delta-BHC

R.T.: 4.600 min
Delta R.T.: -0.003 min
Response: 132411294
Conc: 51.32 ng/ml

Instrument :

ECD_D

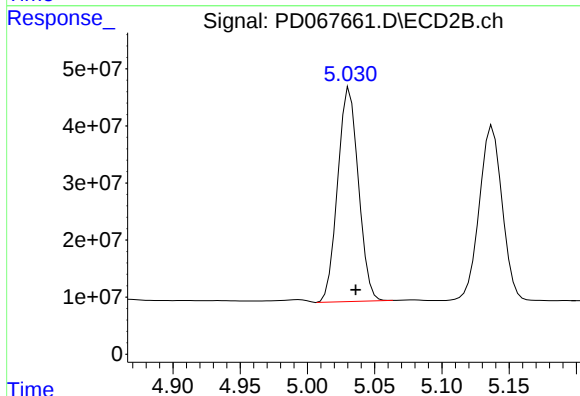
ClientSampleId :

PSTDCCC050

Manual Integrations

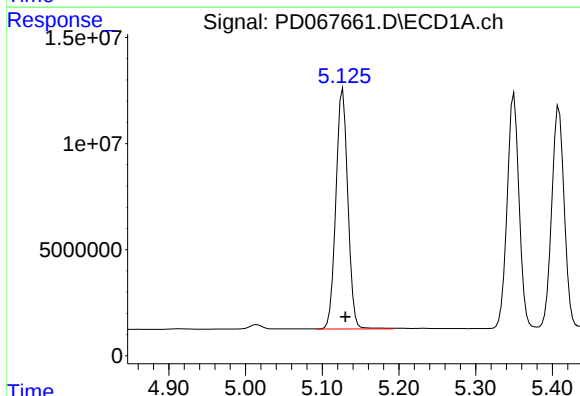
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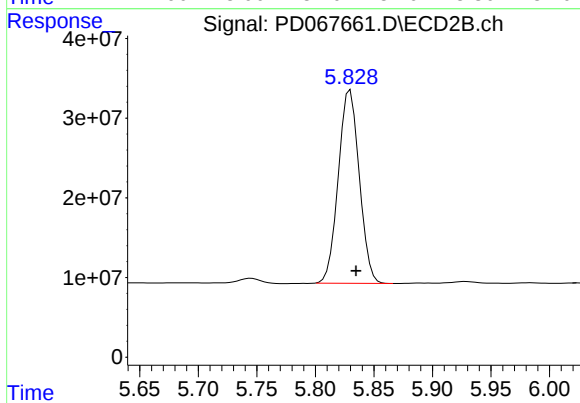
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 399883293
Conc: 53.36 ng/ml



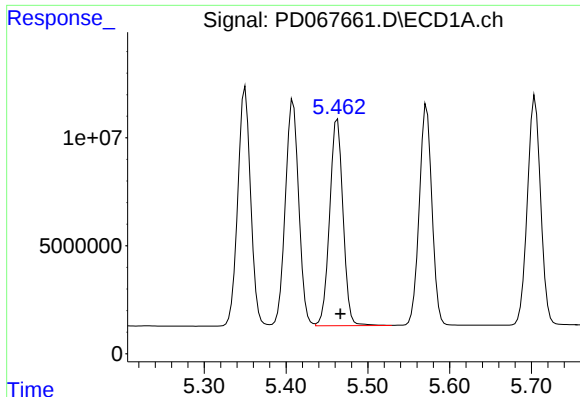
#8 Heptachlor epoxide

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 122334226
Conc: 49.64 ng/ml



#8 Heptachlor epoxide

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 301993573
Conc: 56.58 ng/ml



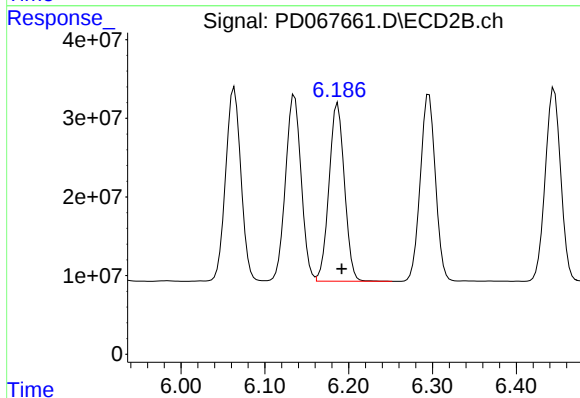
#9 Endosulfan I

R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 109089838
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

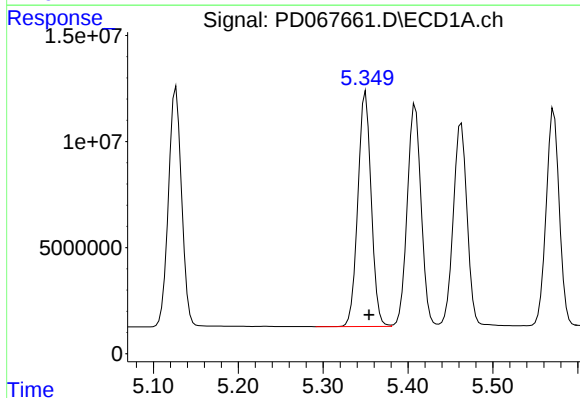
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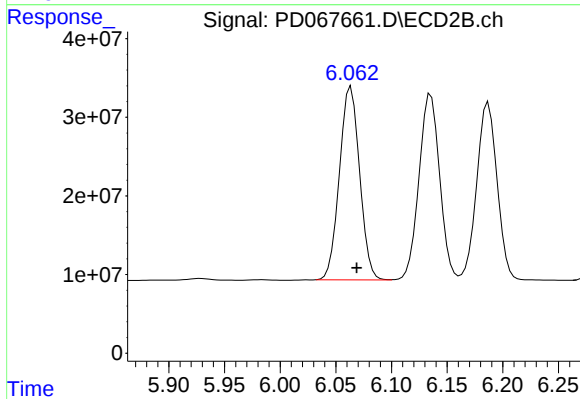
#9 Endosulfan I

R.T.: 6.187 min
Delta R.T.: -0.005 min
Response: 288726051
Conc: 47.69 ng/ml



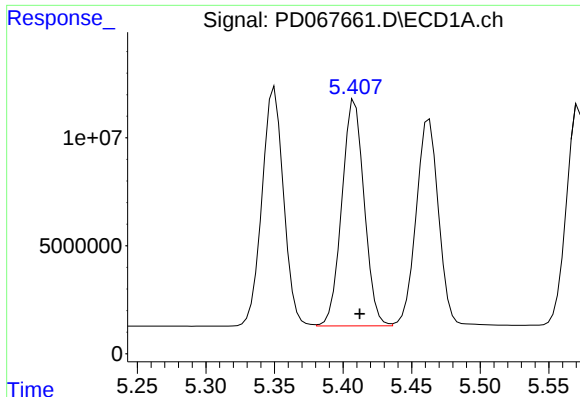
#10 gamma-Chlordane

R.T.: 5.350 min
Delta R.T.: -0.004 min
Response: 120760274
Conc: 48.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 310179349
Conc: 47.81 ng/ml



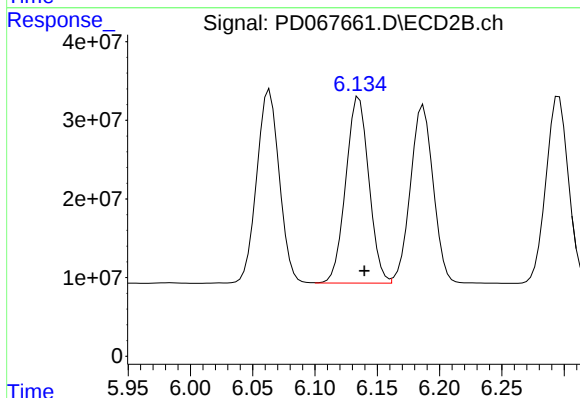
#11 alpha-Chlordane

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 118710146
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

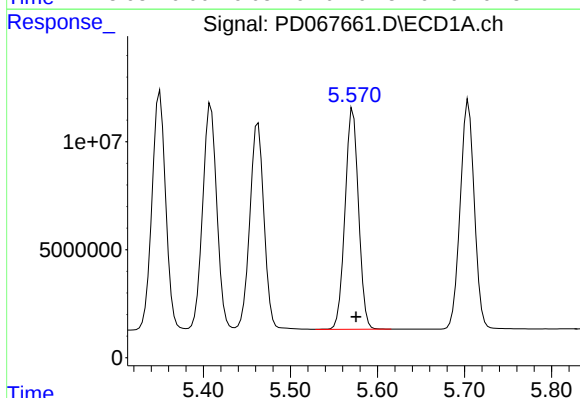
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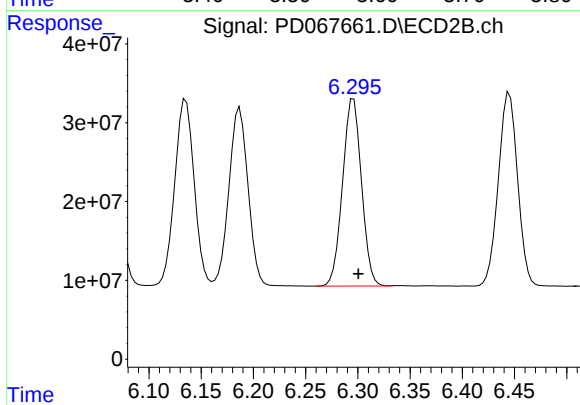
#11 alpha-Chlordane

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 306543119
Conc: 47.29 ng/ml



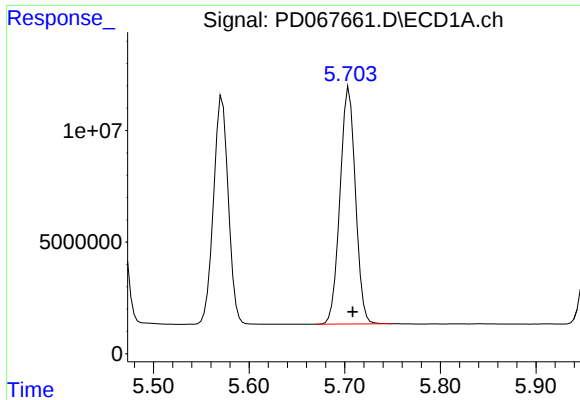
#12 4,4'-DDE

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 109897688
Conc: 49.64 ng/ml



#12 4,4'-DDE

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 299111257
Conc: 48.56 ng/ml



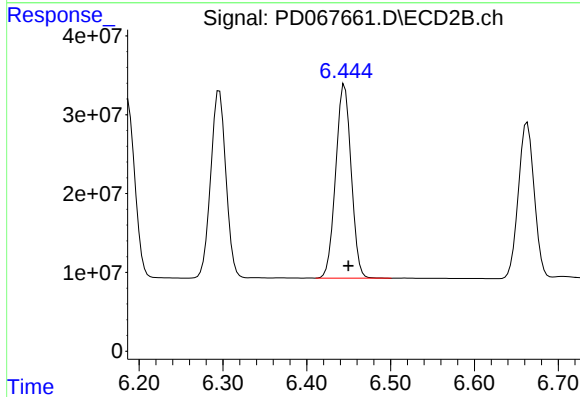
#13 Dieldrin

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 119263456
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

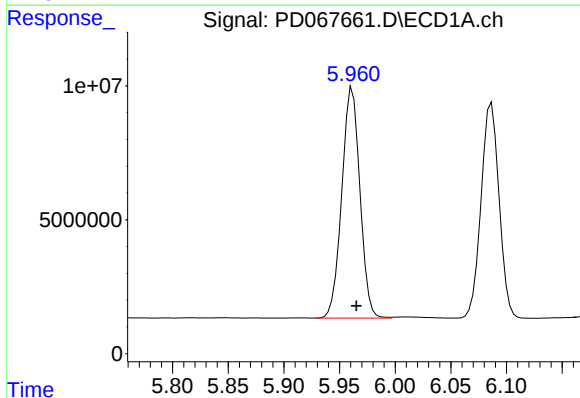
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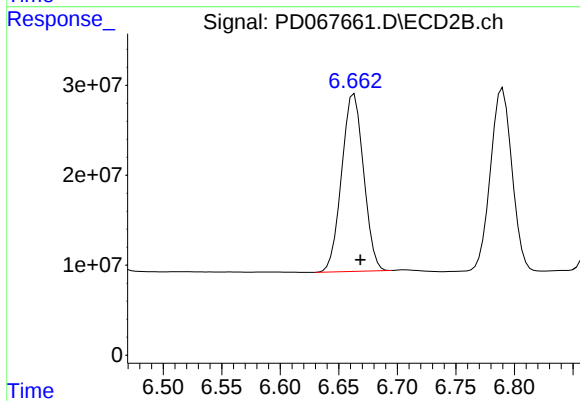
#13 Dieldrin

R.T.: 6.445 min
Delta R.T.: -0.005 min
Response: 315235209
Conc: 47.45 ng/ml



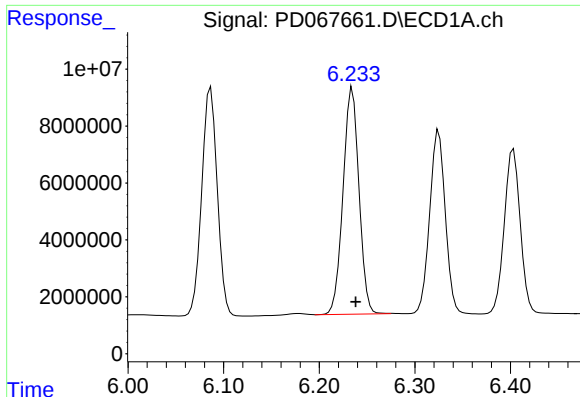
#14 Endrin

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 97585683
Conc: 46.45 ng/ml



#14 Endrin

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 257265657
Conc: 46.41 ng/ml



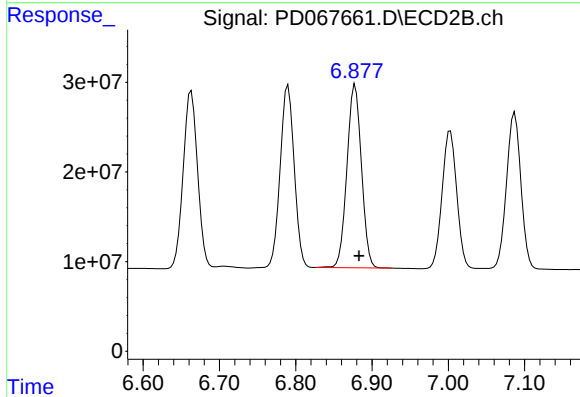
#15 Endosulfan II

R.T.: 6.233 min
Delta R.T.: -0.005 min
Response: 92531699
Conc: 46.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

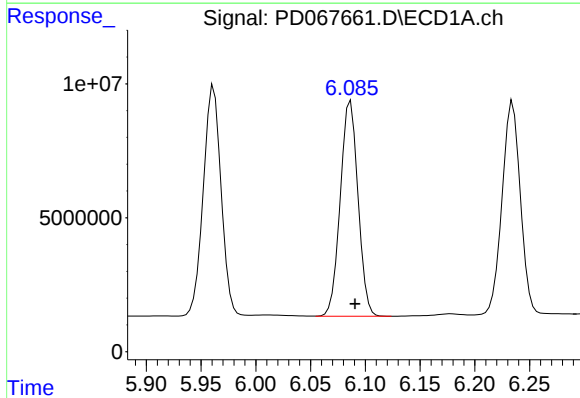
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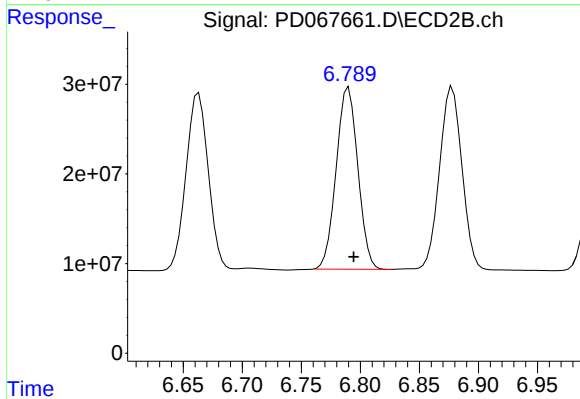
#15 Endosulfan II

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 270447926
Conc: 45.50 ng/ml



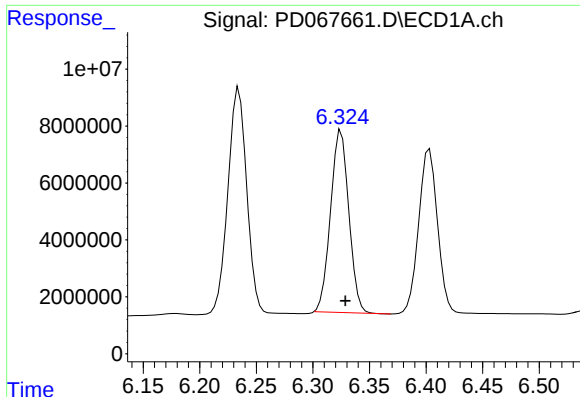
#16 4,4'-DDD

R.T.: 6.087 min
Delta R.T.: -0.004 min
Response: 90552635
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 259200600
Conc: 51.78 ng/ml



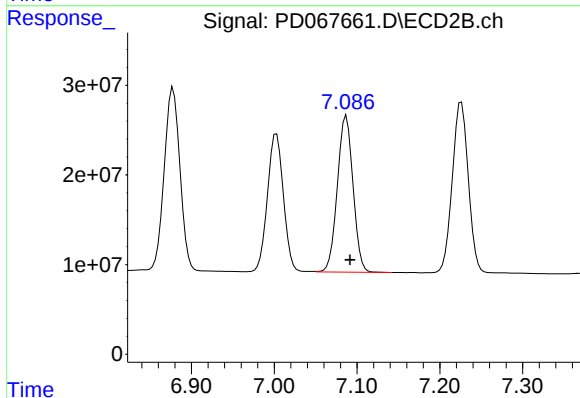
#17 4,4'-DDT

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 72032629
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

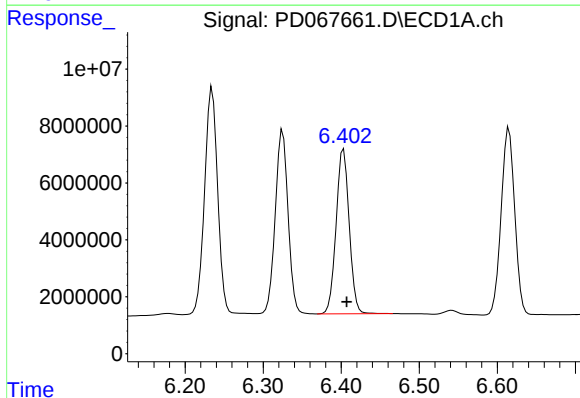
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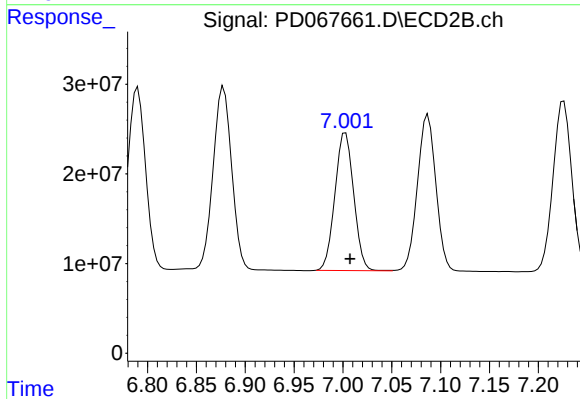
#17 4,4'-DDT

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 229637651
Conc: 42.92 ng/ml



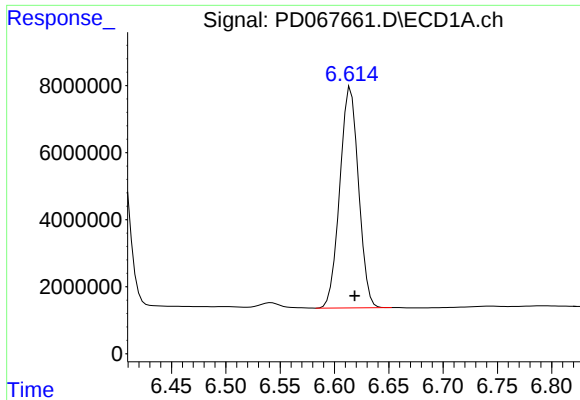
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 67361521
Conc: 44.33 ng/ml



#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 205670070
Conc: 45.59 ng/ml



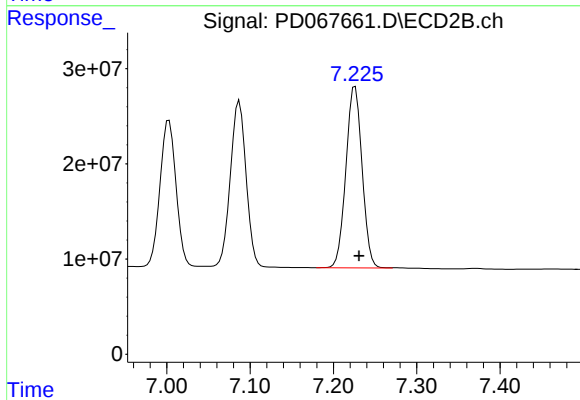
#19 Endosulfan Sulfate

R.T.: 6.615 min
Delta R.T.: -0.004 min
Response: 79107376
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

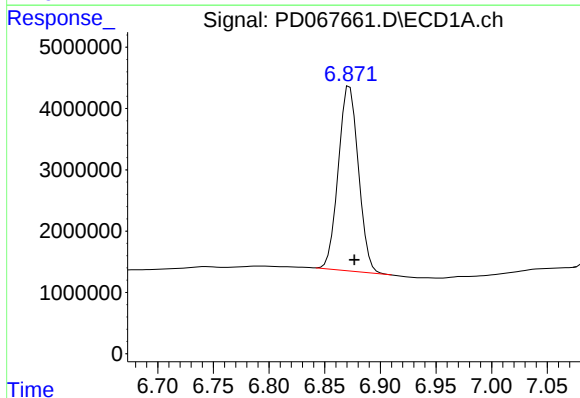
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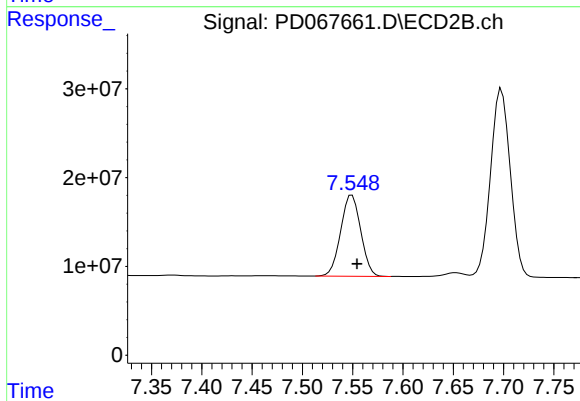
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 256655002
Conc: 46.96 ng/ml



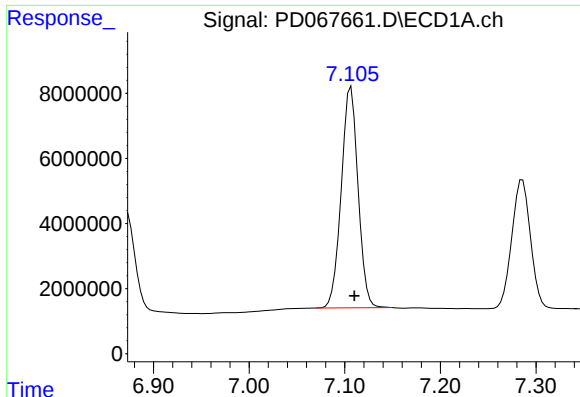
#20 Methoxychlor

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 37858798
Conc: 44.60 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 126687657
Conc: 43.66 ng/ml



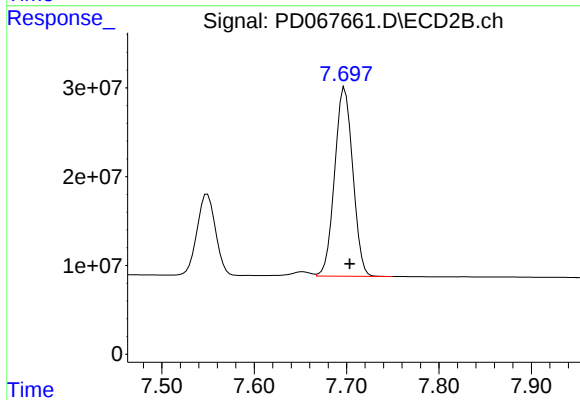
#21 Endrin ketone

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 83077211
Conc: 48.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

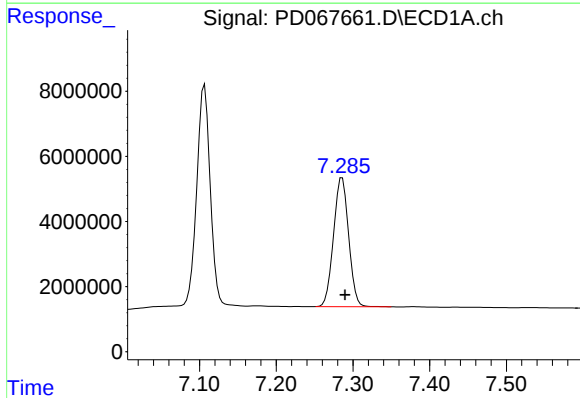
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :Ankita Jodhani 01/13/2022



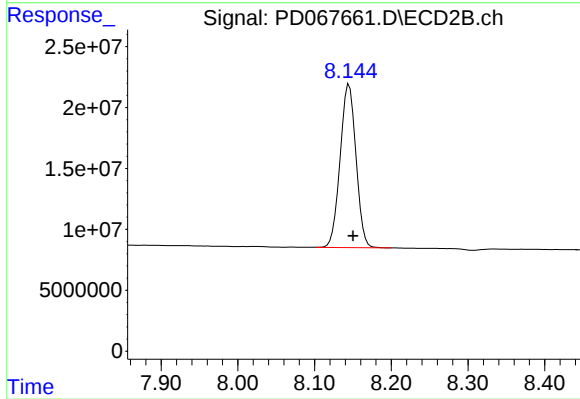
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.006 min
Response: 289933748
Conc: 46.20 ng/ml



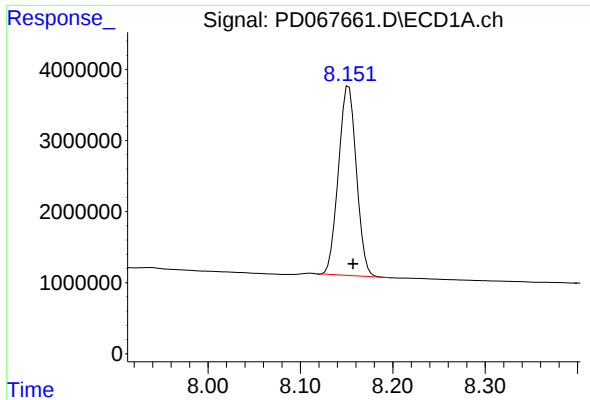
#22 Mirex

R.T.: 7.286 min
Delta R.T.: -0.004 min
Response: 54150149
Conc: 45.27 ng/ml



#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 192765025
Conc: 44.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.152 min
Delta R.T.: -0.005 min
Response: 35893350
Conc: 40.41 ng/ml

Instrument :

ECD_D

ClientSampleId :

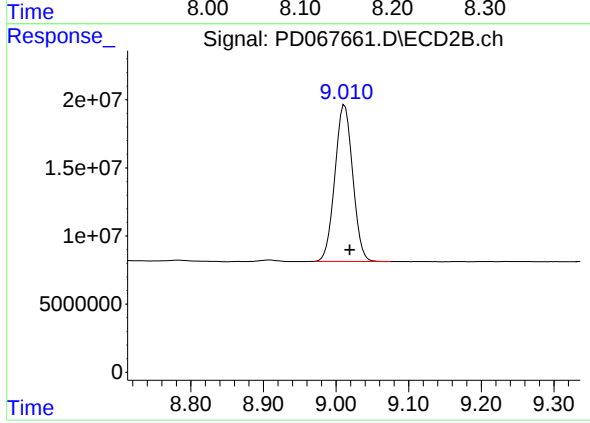
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.007 min
Response: 196017755
Conc: 41.24 ng/ml