

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 17:18
 Operator : AR\AJ
 Sample : N1071-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FM-E6-01-4.5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2022
 Supervised By : Ankita Jodhani 01/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:16:08 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	37294210	143.3E6	20.522	21.713
28)	SA Decachlor...	8.151	9.012	16814852	90889309	18.929	19.124
Target Compounds							
2)	A alpha-BHC	3.867	4.354	152.3E6	471.3E6	52.790	50.792
3)	MA gamma-BHC...	4.148	4.638	137.7E6	430.9E6	51.792	51.124
4)	MA Heptachlor	4.441	5.137	138.0E6	386.5E6	50.759	50.373
5)	MB Aldrin	4.685	5.441	145.9E6	376.5E6	52.719	50.779
6)	B beta-BHC	4.397	4.817	55084088	186.5E6	50.122	47.830
7)	B delta-BHC	4.598	5.031	137.9E6	429.9E6	53.435	57.359
8)	B Heptachlo...	5.125	5.830	129.4E6	332.8E6	52.503	62.356
9)	A Endosulfan I	5.461	6.187	116.7E6	306.9E6	52.429	50.693
10)	B gamma-Chl...	5.349	6.064	129.6E6	320.3E6	52.423	49.367
11)	B alpha-Chl...	5.407	6.135	126.6E6	326.3E6	52.355	50.330
12)	B 4,4'-DDE	5.571	6.295	117.3E6	320.0E6	52.971	51.960
13)	MA Dieldrin	5.703	6.445	127.7E6	337.7E6	52.878	50.837
14)	MA Endrin	5.960	6.663	109.1E6	285.9E6	51.930	51.569
15)	B Endosulfa...	6.234	6.878	99407645	309.2E6	49.571	52.026
16)	A 4,4'-DDD	6.085	6.790	95514086	294.9E6	55.596	58.908
17)	MA 4,4'-DDT	6.323	7.087	82578944	250.5E6	50.537m	46.805
18)	B Endrin al...	6.403	7.003	73233783	225.0E6	48.193	49.864
19)	B Endosulfa...	6.614	7.226	83871033	273.1E6	51.950	49.977
20)	A Methoxychlor	6.872	7.549	41986043	143.2E6	49.460	49.345
21)	B Endrin ke...	7.106	7.698	87400122	313.7E6	51.069	49.984
22)	Mirex	7.285	8.144	62550078	228.4E6	52.294	52.603

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 17:18
 Operator : AR\AJ
 Sample : N1071-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

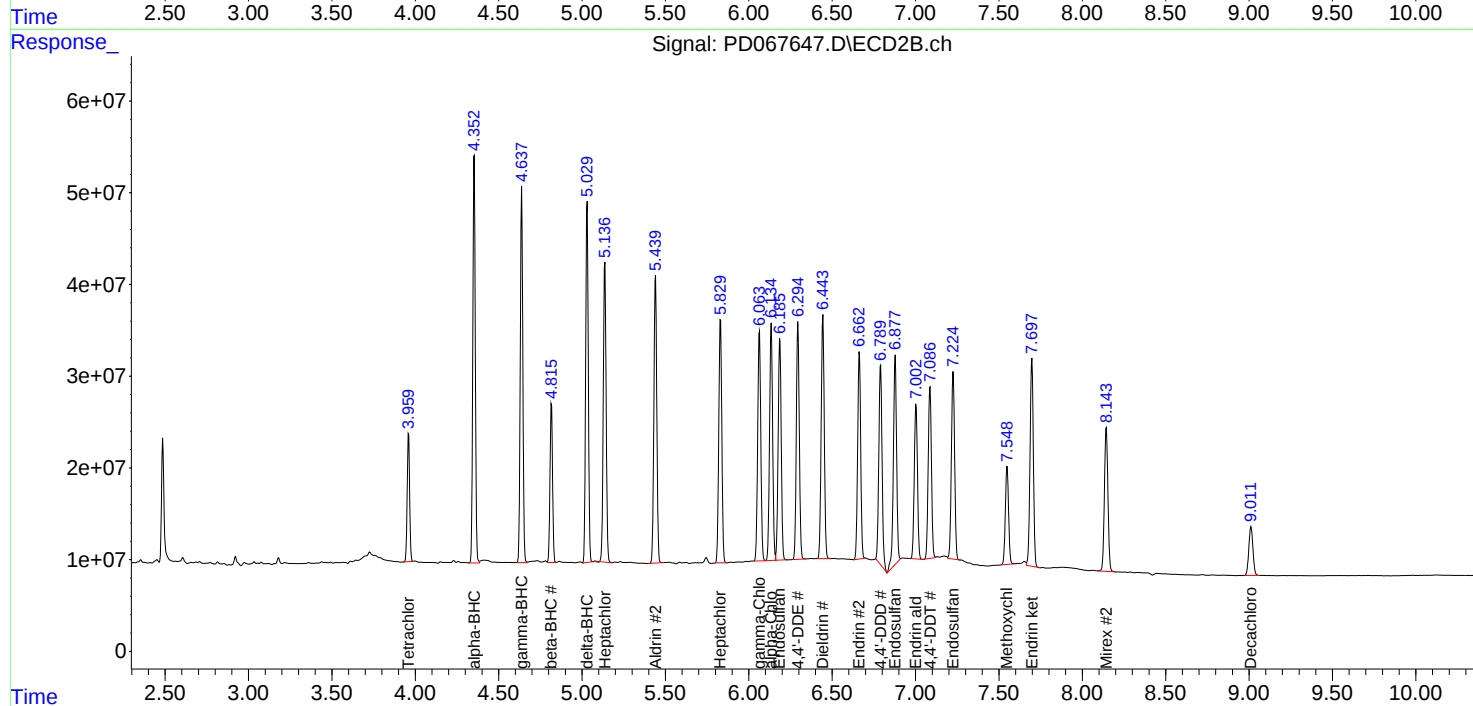
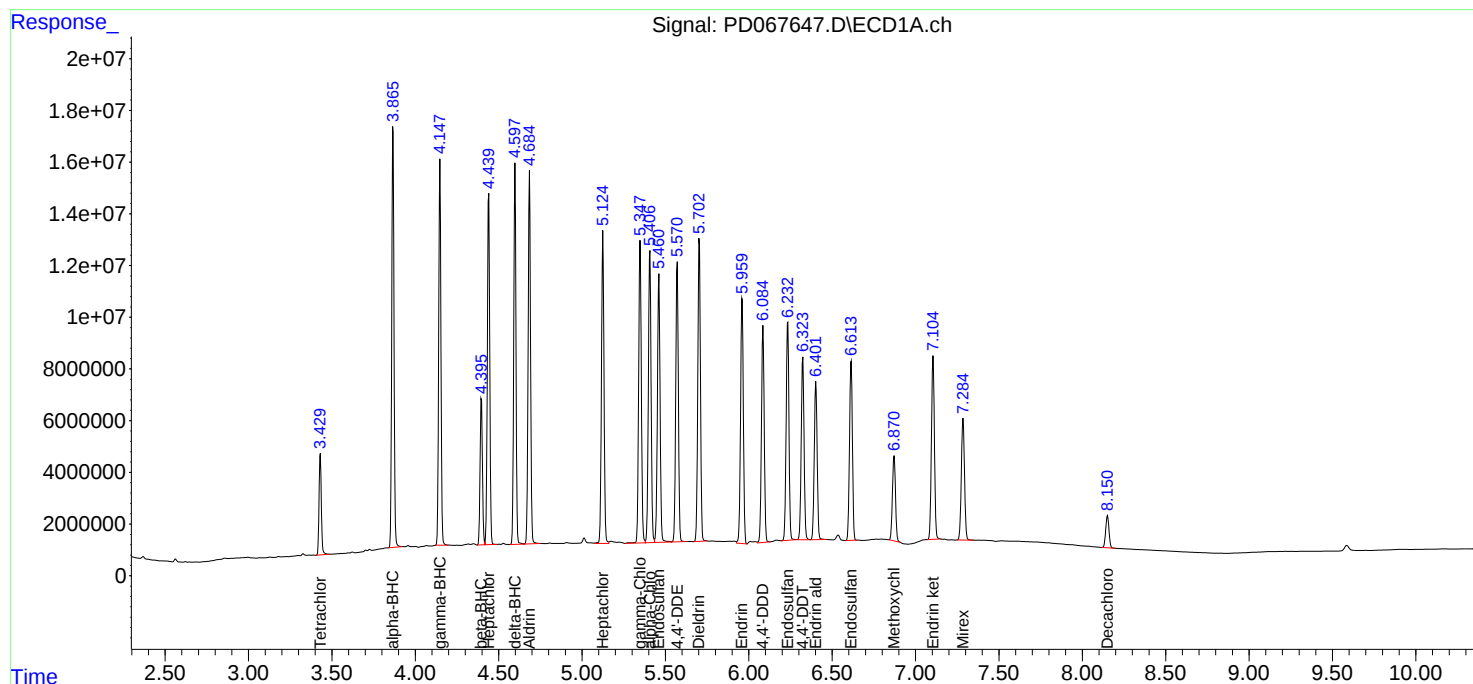
Instrument :
 ECD_D
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 FM-E6-01-4.5MSD

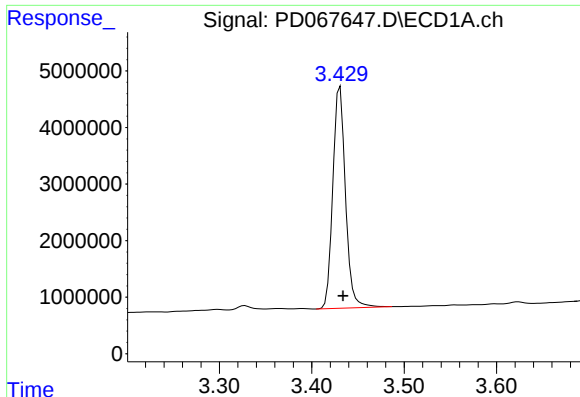
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:16:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
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Volume 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





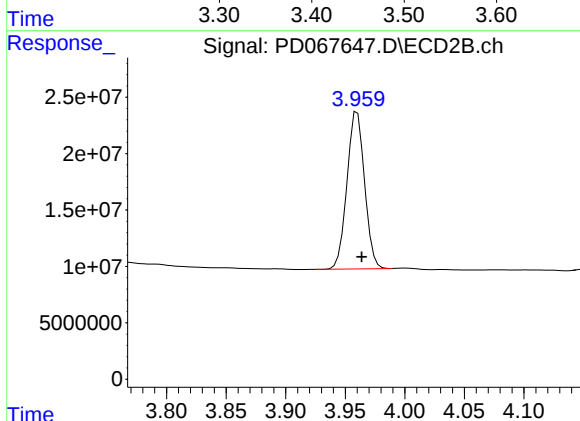
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: -0.003 min
Response: 37294210
Conc: 20.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

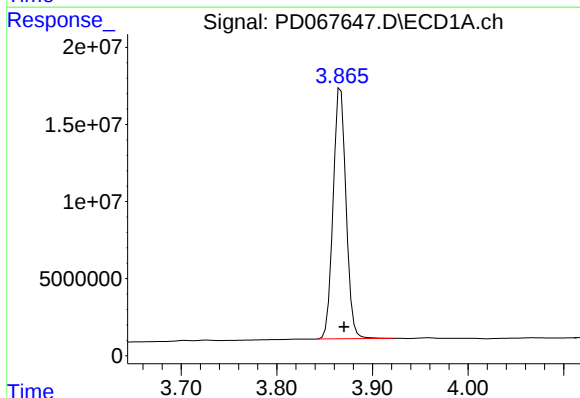
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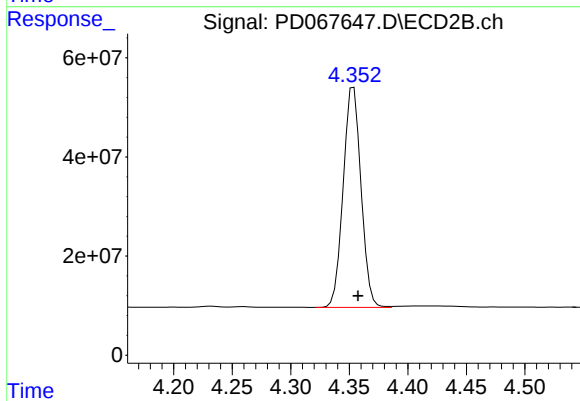
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 143267135
Conc: 21.71 ng/ml



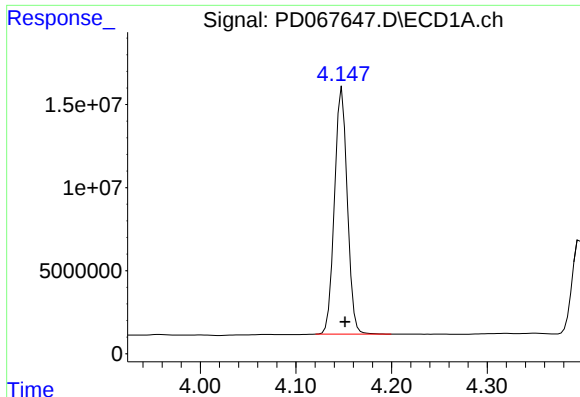
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 152251281
Conc: 52.79 ng/ml



#2 alpha-BHC

R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 471253556
Conc: 50.79 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.148 min
Delta R.T.: -0.003 min
Response: 137749826
Conc: 51.79 ng/ml

Instrument :

ECD_D

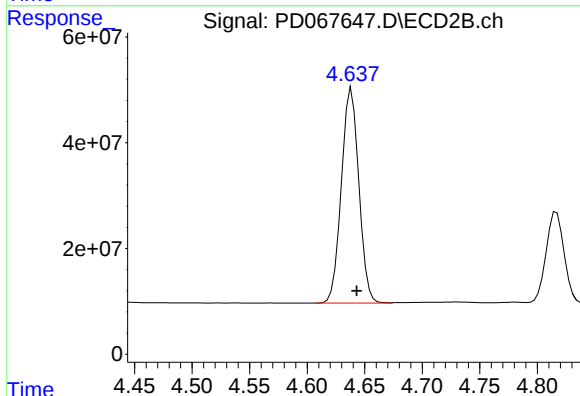
ClientSampleId :

FM-E6-01-4.5MSD

Manual Integrations

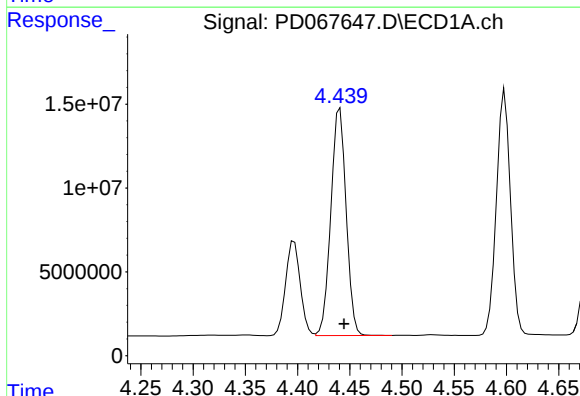
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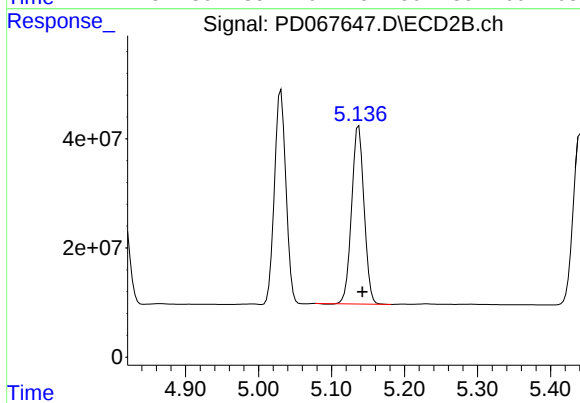
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 430861984
Conc: 51.12 ng/ml



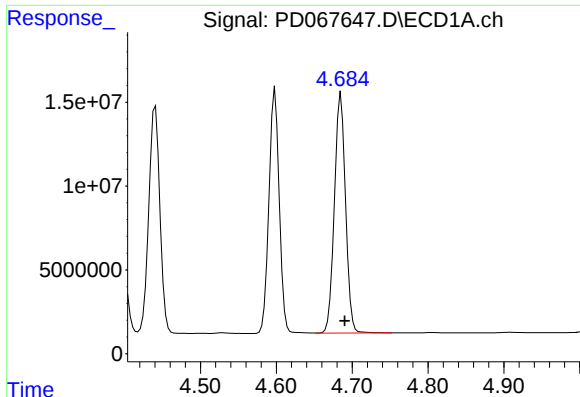
#4 Heptachlor

R.T.: 4.441 min
Delta R.T.: -0.004 min
Response: 138034904
Conc: 50.76 ng/ml



#4 Heptachlor

R.T.: 5.137 min
Delta R.T.: -0.005 min
Response: 386463032
Conc: 50.37 ng/ml



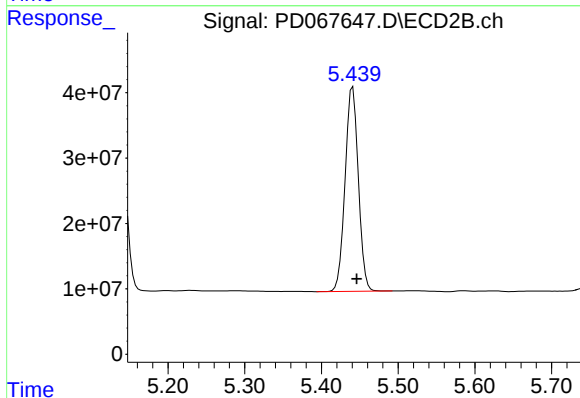
#5 Aldrin

R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 145917591
Conc: 52.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

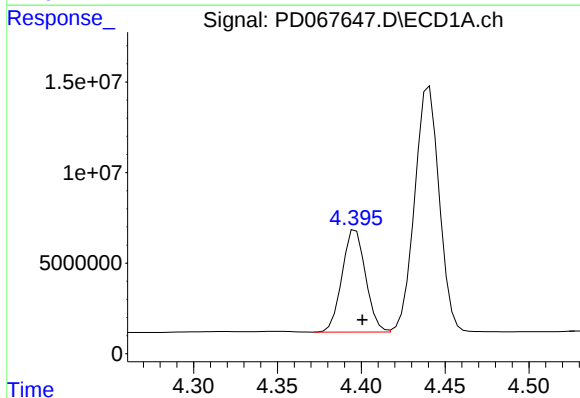
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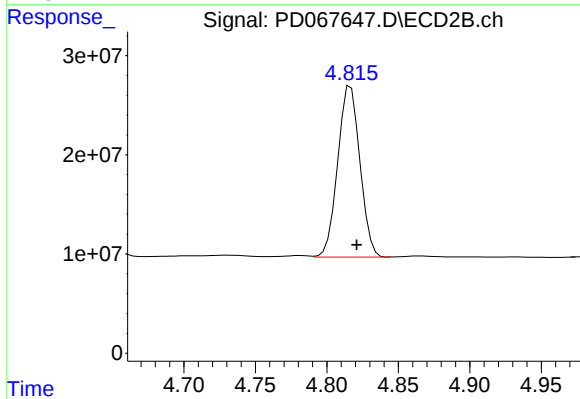
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: -0.005 min
Response: 376518166
Conc: 50.78 ng/ml



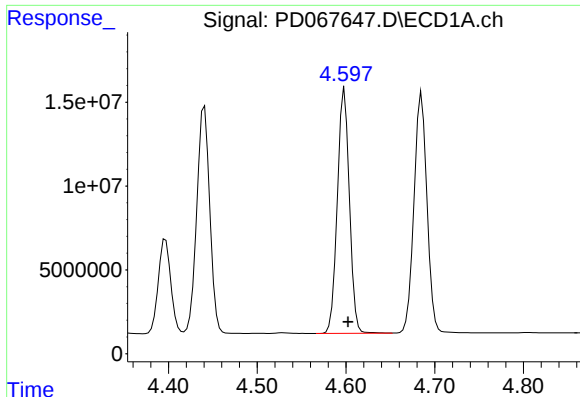
#6 beta-BHC

R.T.: 4.397 min
Delta R.T.: -0.004 min
Response: 55084088
Conc: 50.12 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 186505118
Conc: 47.83 ng/ml



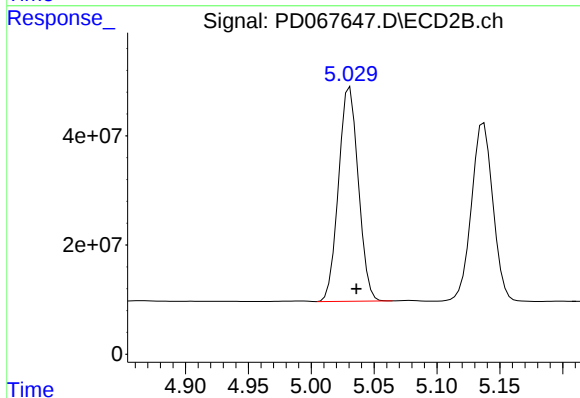
#7 delta-BHC

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 137880785
Conc: 53.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

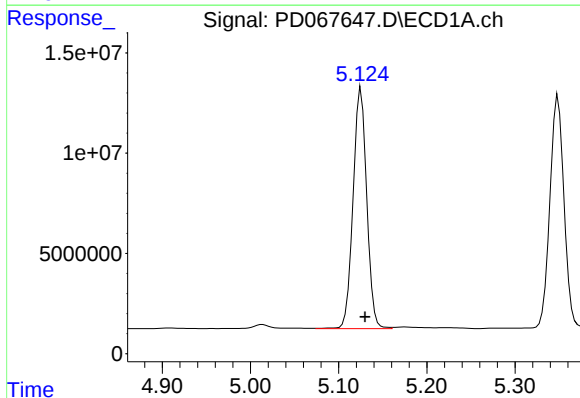
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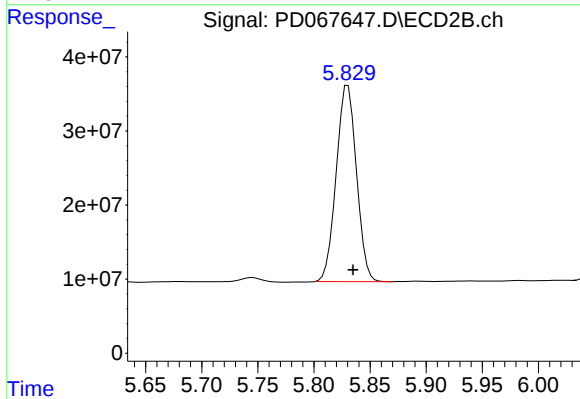
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 429873365
Conc: 57.36 ng/ml



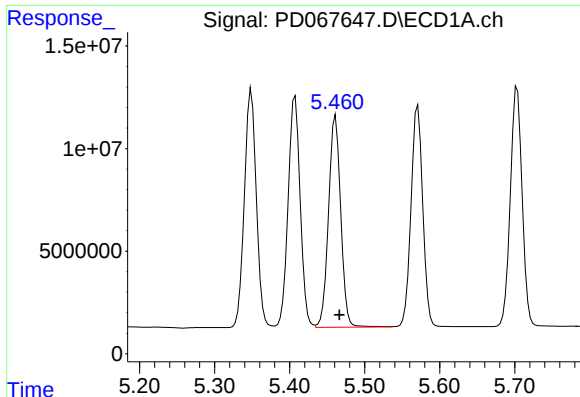
#8 Heptachlor epoxide

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 129379871
Conc: 52.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 332834355
Conc: 62.36 ng/ml



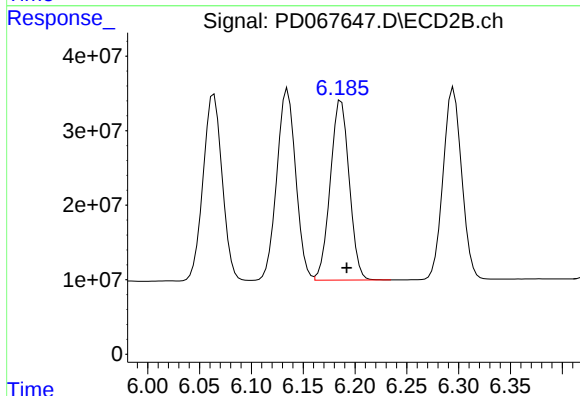
#9 Endosulfan I

R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 116650086
Conc: 52.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

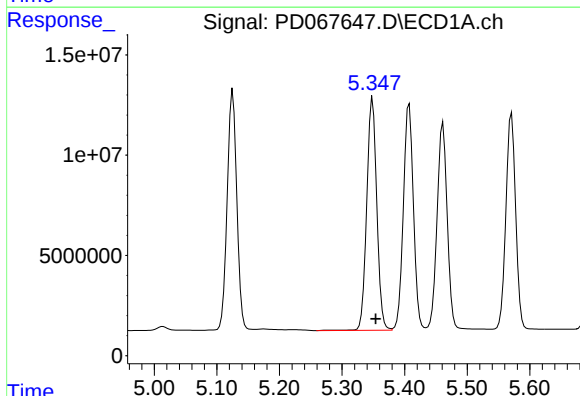
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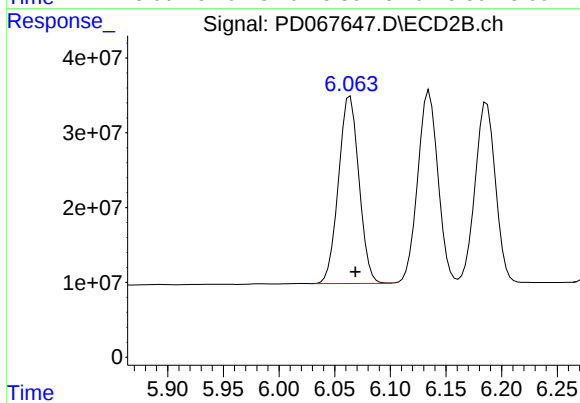
#9 Endosulfan I

R.T.: 6.187 min
Delta R.T.: -0.005 min
Response: 306896753
Conc: 50.69 ng/ml



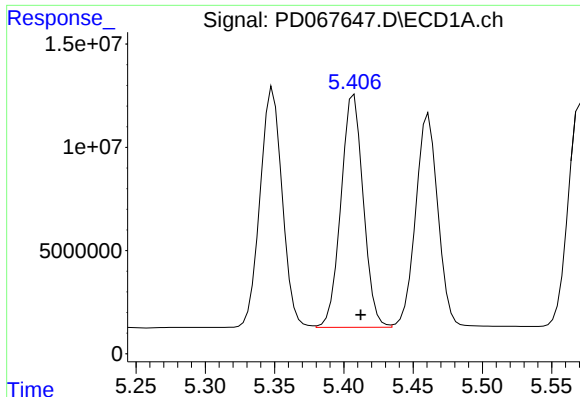
#10 gamma-Chlordane

R.T.: 5.349 min
Delta R.T.: -0.005 min
Response: 129603501
Conc: 52.42 ng/ml



#10 gamma-Chlordane

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 320258397
Conc: 49.37 ng/ml



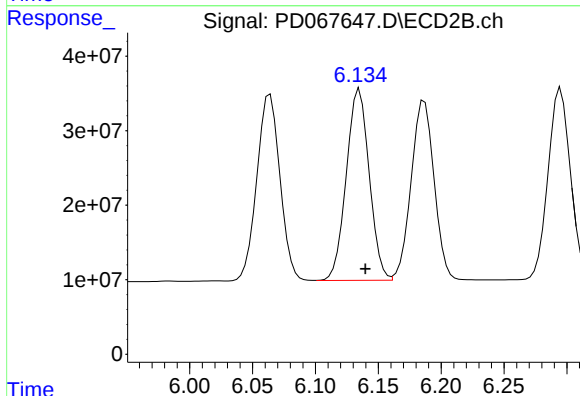
#11 alpha-Chlordane

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 126587107
Conc: 52.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

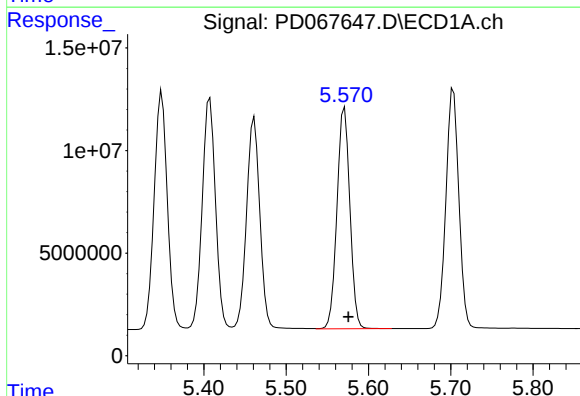
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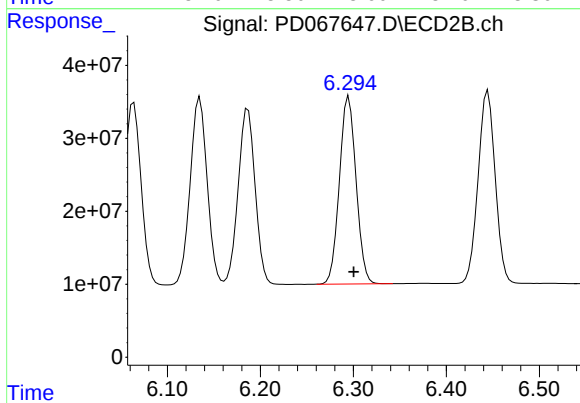
#11 alpha-Chlordane

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 326259751
Conc: 50.33 ng/ml



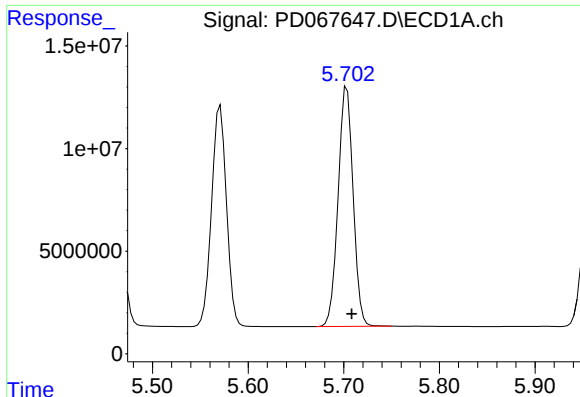
#12 4,4'-DDE

R.T.: 5.571 min
Delta R.T.: -0.005 min
Response: 117271177
Conc: 52.97 ng/ml



#12 4,4'-DDE

R.T.: 6.295 min
Delta R.T.: -0.005 min
Response: 320049258
Conc: 51.96 ng/ml



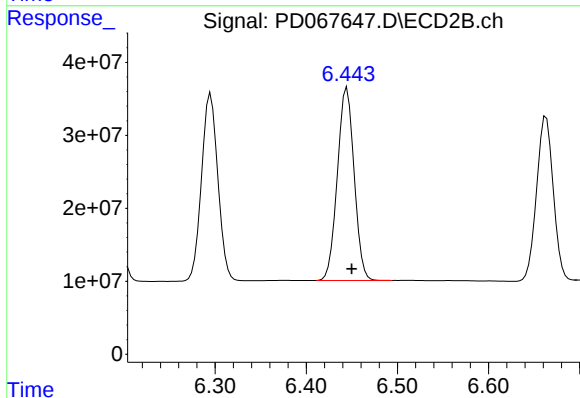
#13 Dieldrin

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 127664869
Conc: 52.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

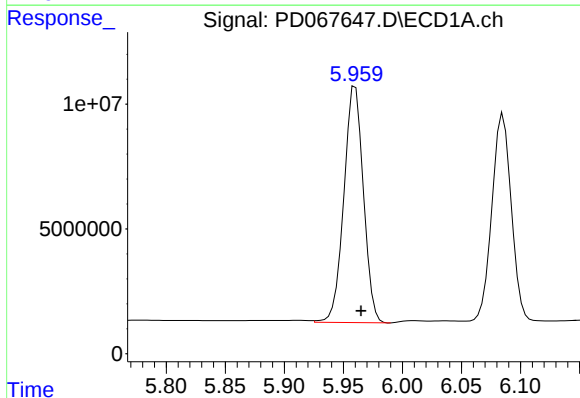
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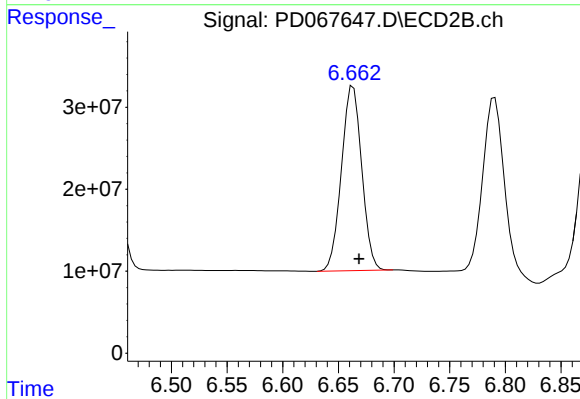
#13 Dieldrin

R.T.: 6.445 min
Delta R.T.: -0.005 min
Response: 337705470
Conc: 50.84 ng/ml



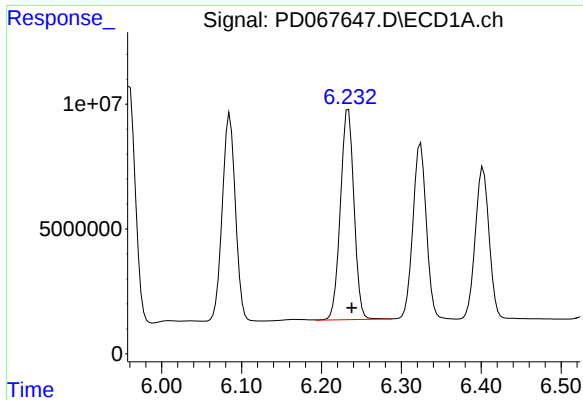
#14 Endrin

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 109086401
Conc: 51.93 ng/ml



#14 Endrin

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 285886731
Conc: 51.57 ng/ml



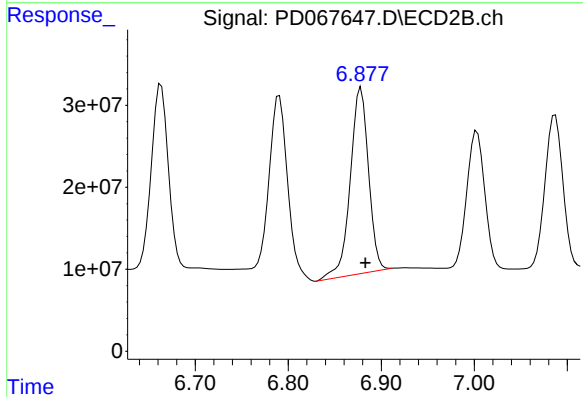
#15 Endosulfan II

R.T.: 6.234 min
Delta R.T.: -0.004 min
Response: 99407645
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

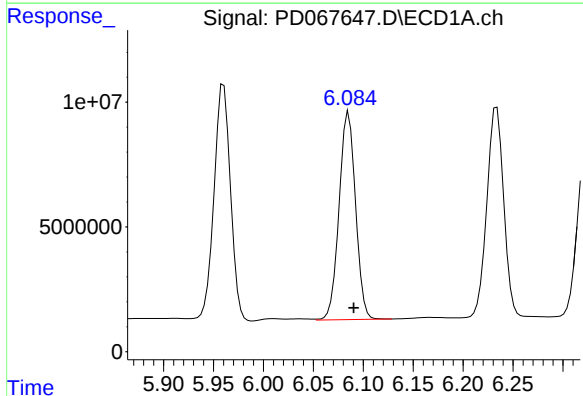
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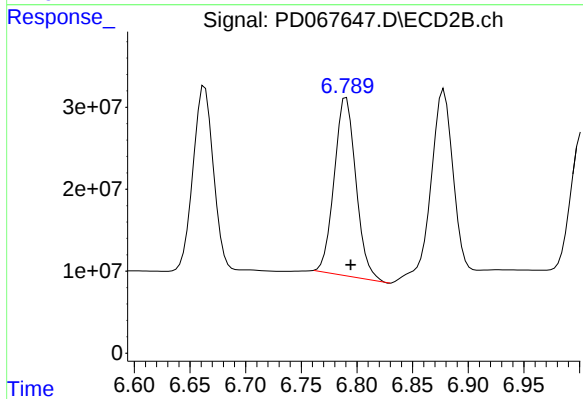
#15 Endosulfan II

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 309219783
Conc: 52.03 ng/ml



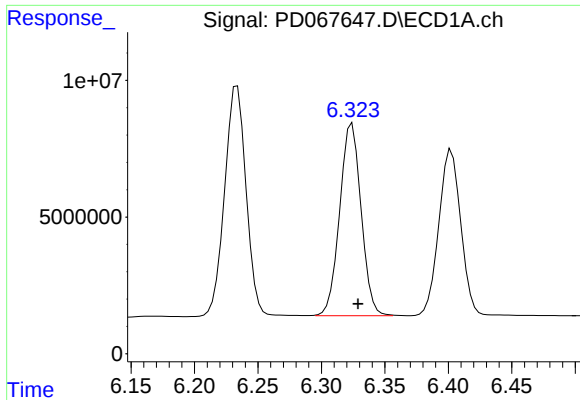
#16 4,4'-DDD

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 95514086
Conc: 55.60 ng/ml



#16 4,4'-DDD

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 294884233
Conc: 58.91 ng/ml



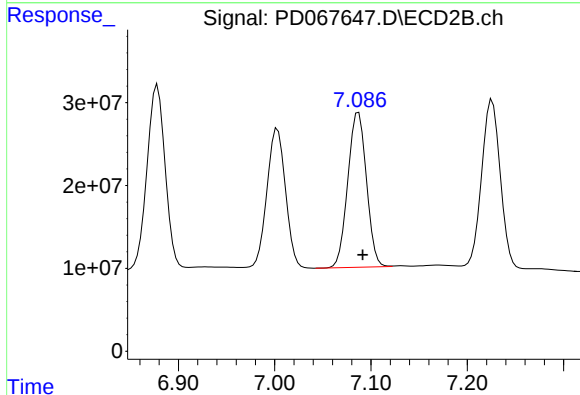
#17 4,4'-DDT

R.T.: 6.323 min
Delta R.T.: -0.006 min
Response: 82578944
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

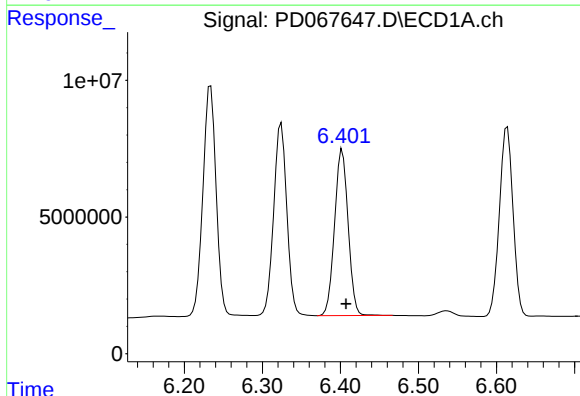
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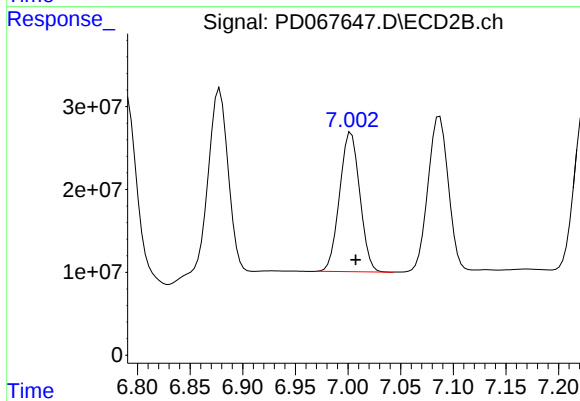
#17 4,4'-DDT

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 250453367
Conc: 46.81 ng/ml



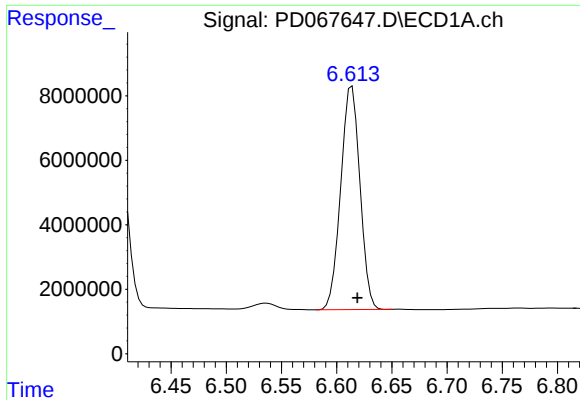
#18 Endrin aldehyde

R.T.: 6.403 min
Delta R.T.: -0.005 min
Response: 73233783
Conc: 48.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 224961774
Conc: 49.86 ng/ml



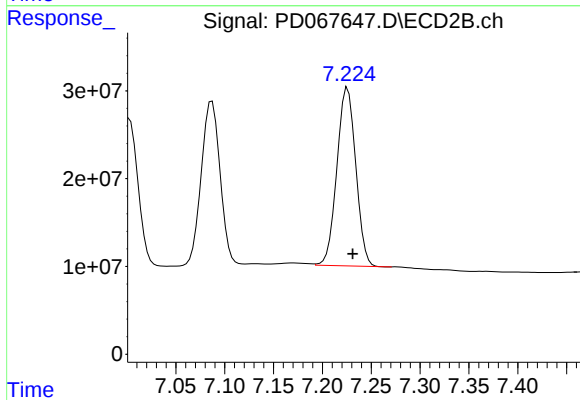
#19 Endosulfan Sulfate

R.T.: 6.614 min
Delta R.T.: -0.005 min
Response: 83871033
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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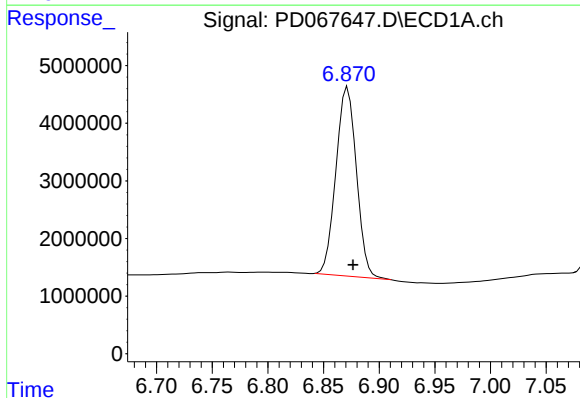
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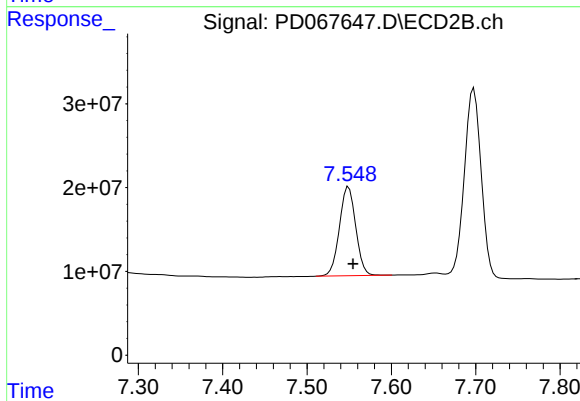
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 273144833
Conc: 49.98 ng/ml



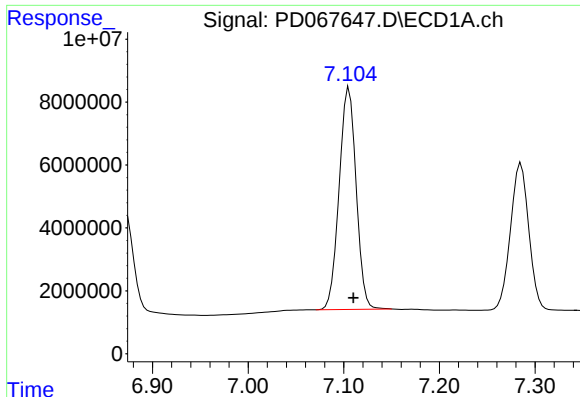
#20 Methoxychlor

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 41986043
Conc: 49.46 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 143170881
Conc: 49.34 ng/ml



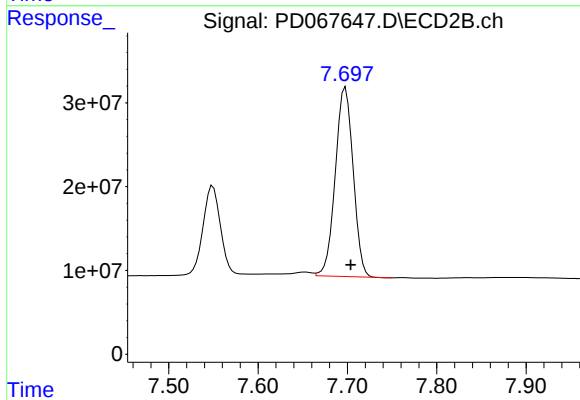
#21 Endrin ketone

R.T.: 7.106 min
Delta R.T.: -0.005 min
Response: 87400122
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

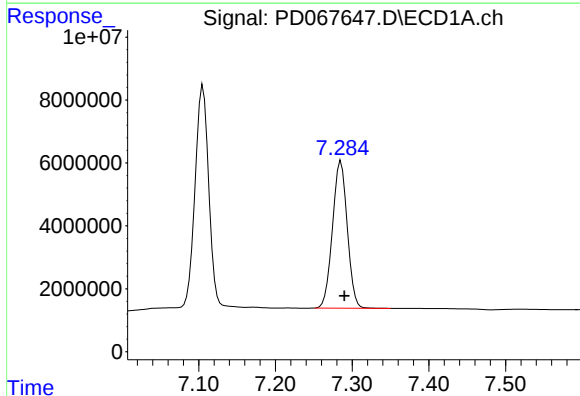
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2022
Supervised By :Ankita Jodhani 01/10/2022



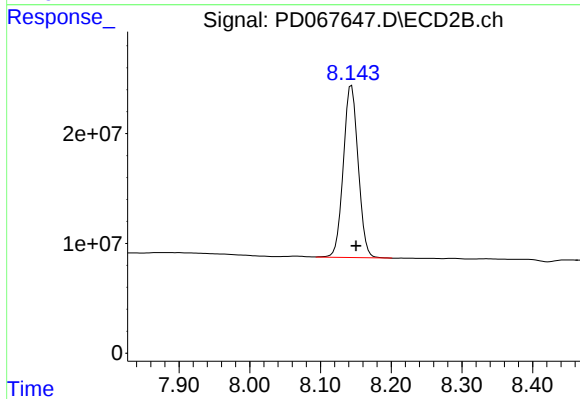
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.006 min
Response: 313660972
Conc: 49.98 ng/ml



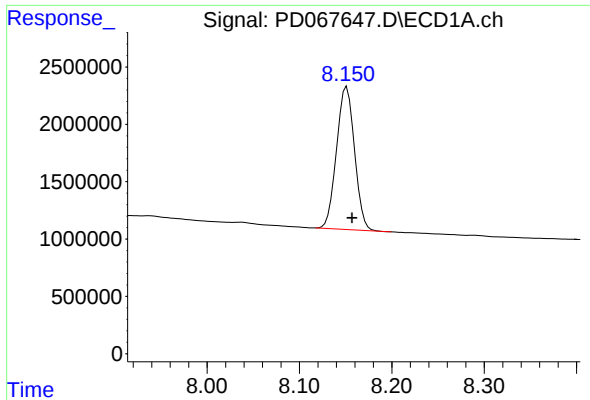
#22 Mirex

R.T.: 7.285 min
Delta R.T.: -0.004 min
Response: 62550078
Conc: 52.29 ng/ml



#22 Mirex

R.T.: 8.144 min
Delta R.T.: -0.006 min
Response: 228414268
Conc: 52.60 ng/ml



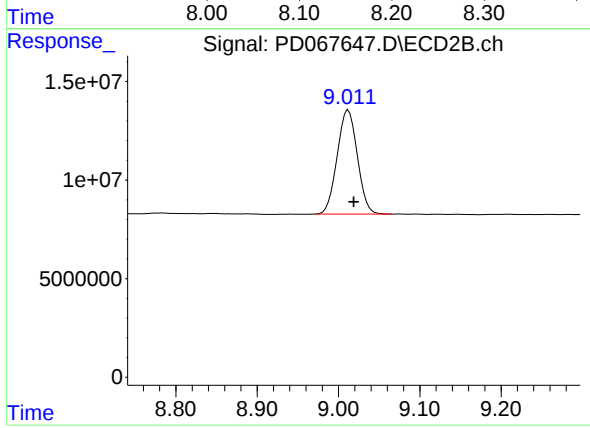
#28 Decachlorobiphenyl

R.T.: 8.151 min
Delta R.T.: -0.006 min
Response: 16814852
Conc: 18.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2022
Supervised By :Ankita Jodhani 01/10/2022



#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.007 min
Response: 90889309
Conc: 19.12 ng/ml