

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 18:58
 Operator : AR\AJ
 Sample : N1001-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PH-3/1-1.5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2022
 Supervised By : Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:27:16 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...	3.433	3.963	36048604	132.8E6	19.837	20.122
28)	SA Decachlor...	8.153	9.013	14356771	76065519	16.162	16.005
Target Compounds							
2)	A alpha-BHC	3.869	4.356	143.3E6	437.4E6	49.688	47.140
3)	MA gamma-BHC...	4.151	4.641	131.6E6	402.7E6	49.483	47.786
4)	MA Heptachlor	4.443	5.140	131.1E6	360.2E6	48.217	46.952
5)	MB Aldrin	4.688	5.444	129.5E6	355.7E6	46.785	47.977
6)	B beta-BHC	4.399	4.819	52253420	168.2E6	47.546	43.144
7)	B delta-BHC	4.601	5.034	129.8E6	385.3E6	50.285	51.407
8)	B Heptachlo...	5.128	5.832	121.1E6	286.7E6	49.143	53.718
9)	A Endosulfan I	5.464	6.189	108.9E6	293.0E6	48.956	48.400
10)	B gamma-Chl...	5.352	6.066	122.3E6	307.8E6	49.486	47.453
11)	B alpha-Chl...	5.410	6.137	118.5E6	310.6E6	49.008	47.914
12)	B 4,4'-DDE	5.573	6.297	115.3E6	310.5E6	52.090	50.405
13)	MA Dieldrin	5.706	6.447	119.9E6	324.0E6	49.650	48.778
14)	MA Endrin	5.962	6.665	100.7E6	266.4E6	47.960	48.045
15)	B Endosulfa...	6.235	6.879	93698696	272.7E6	46.724	45.873m
16)	A 4,4'-DDD	6.088	6.792	89801440	263.9E6	52.271	52.724
17)	MA 4,4'-DDT	6.325	7.089	82785383	252.1E6	50.664m	47.108
18)	B Endrin al...	6.404	7.004	71337477	221.5E6	46.945	49.086
19)	B Endosulfa...	6.616	7.228	79283426	260.5E6	49.108	47.659
20)	A Methoxychlor	6.874	7.551	38767518	138.9E6	45.669	47.876
21)	B Endrin ke...	7.108	7.699	81046138	303.0E6	47.356	48.277
22)	Mirex	7.287	8.146	60646063	220.1E6	50.702	50.687

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 18:58
 Operator : AR\AJ
 Sample : N1001-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

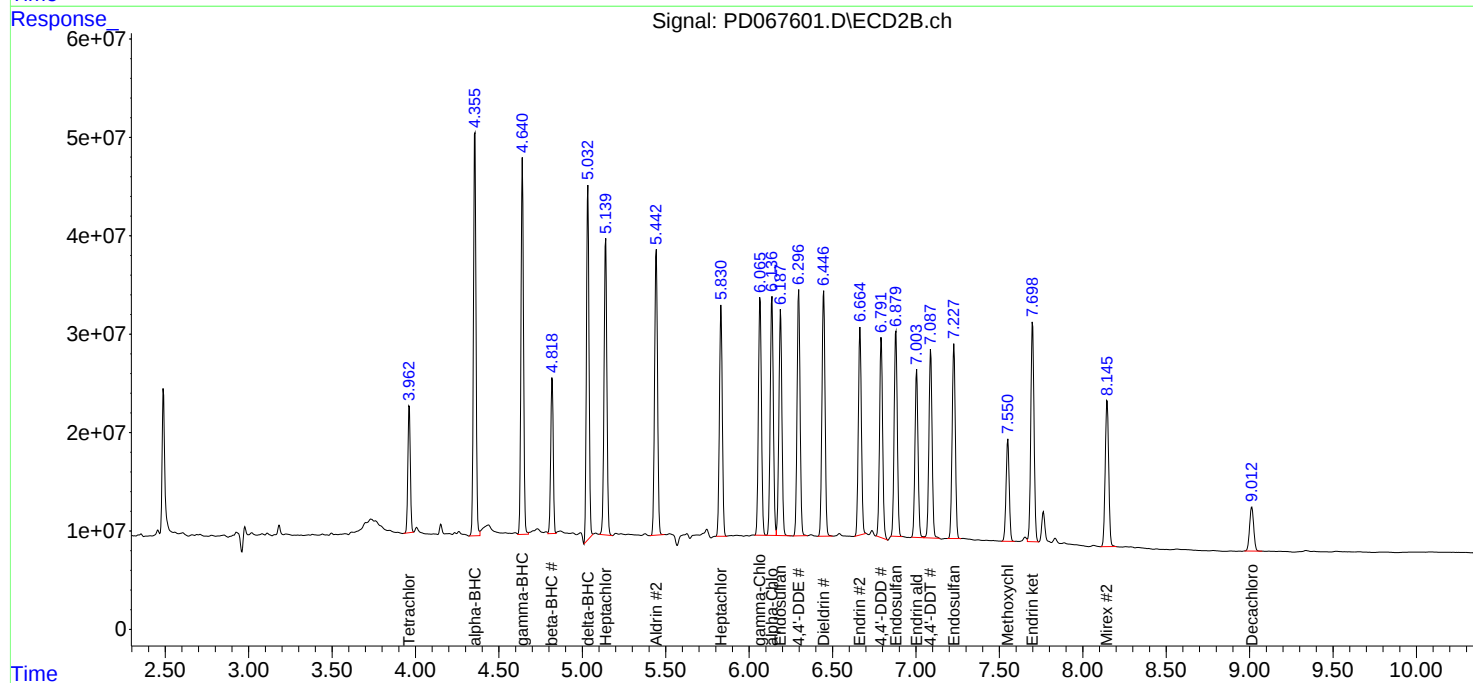
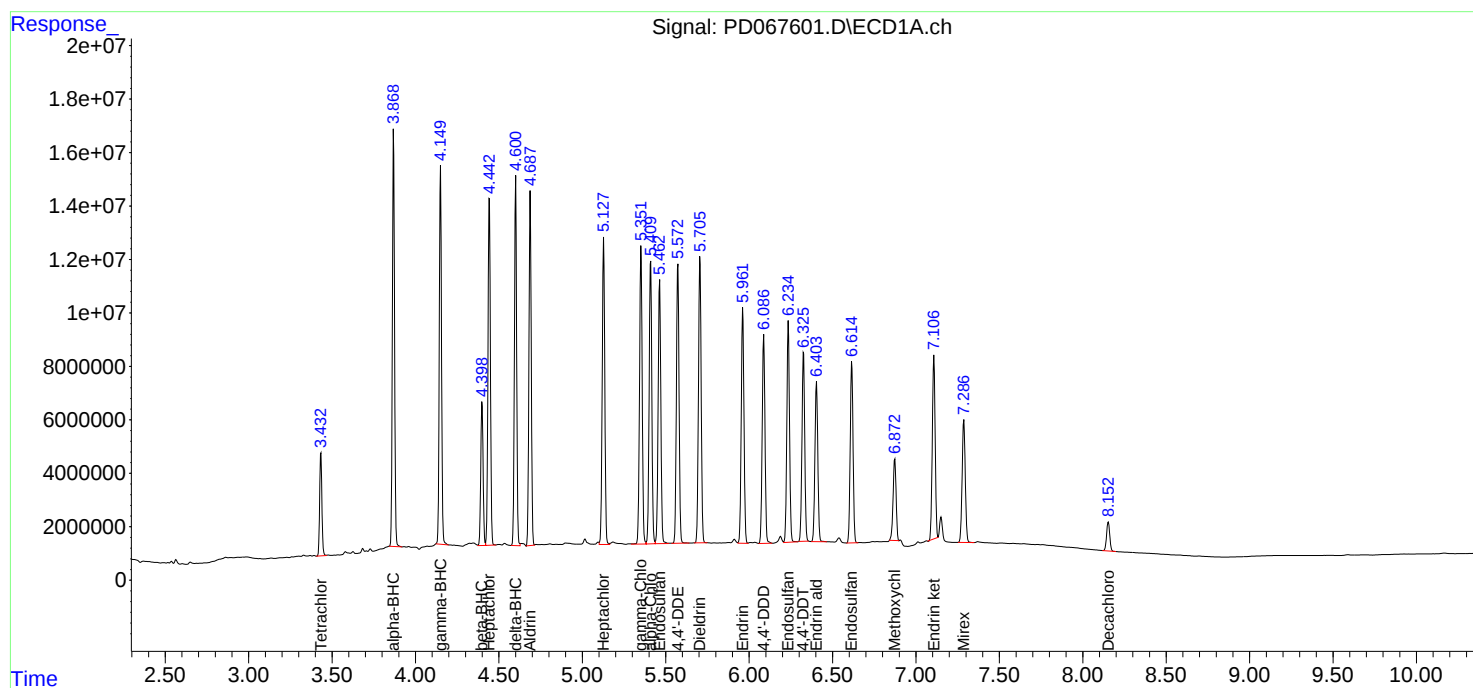
Instrument :
 ECD_D
 ClientSampleId :
 PH-3/1-1.5MSD

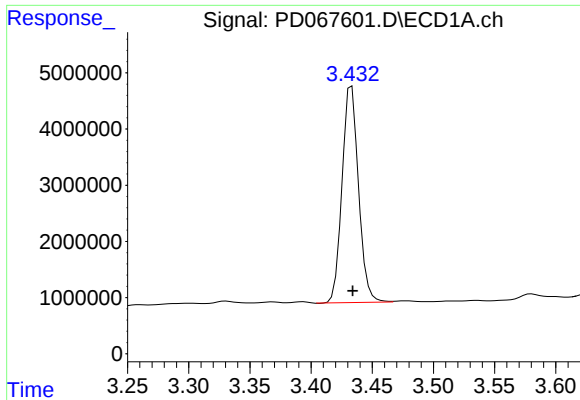
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:27:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
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Volume 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





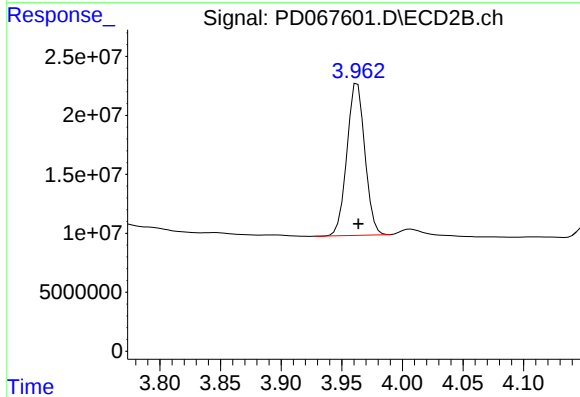
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: 0.000 min
Response: 36048604
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

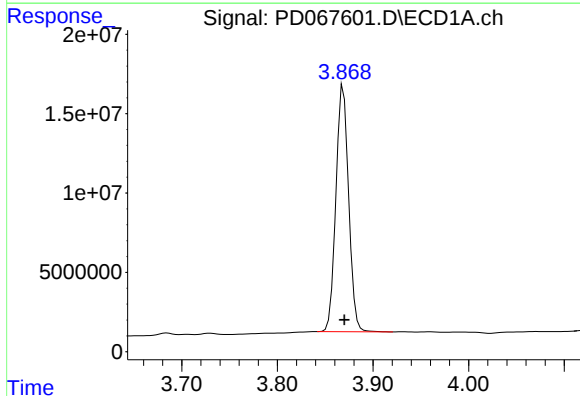
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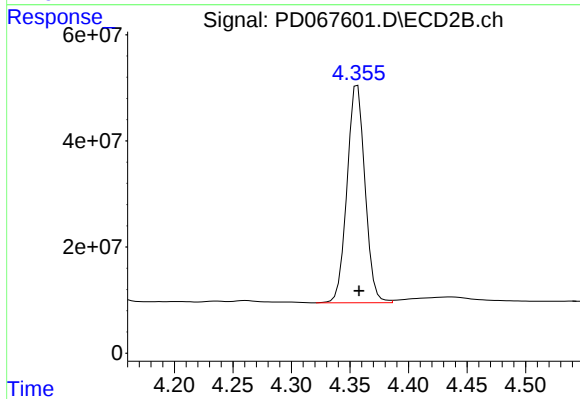
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 132767077
Conc: 20.12 ng/ml



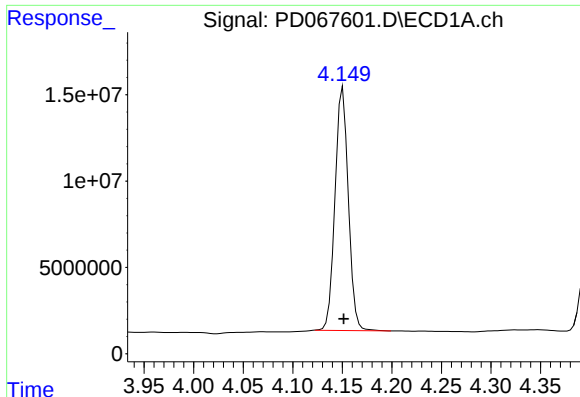
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 143302917
Conc: 49.69 ng/ml



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 437374081
Conc: 47.14 ng/ml



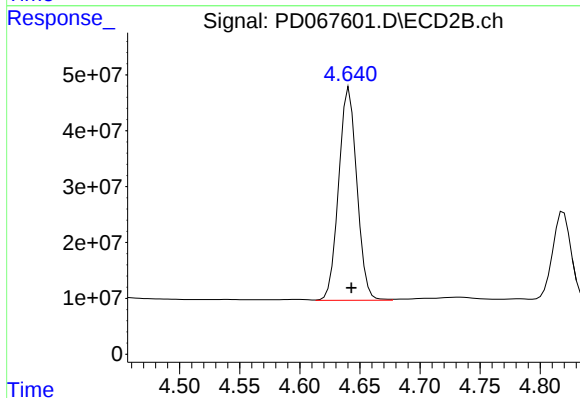
#3 gamma-BHC (Lindane)

R.T.: 4.151 min
Delta R.T.: -0.001 min
Response: 131607801
Conc: 49.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

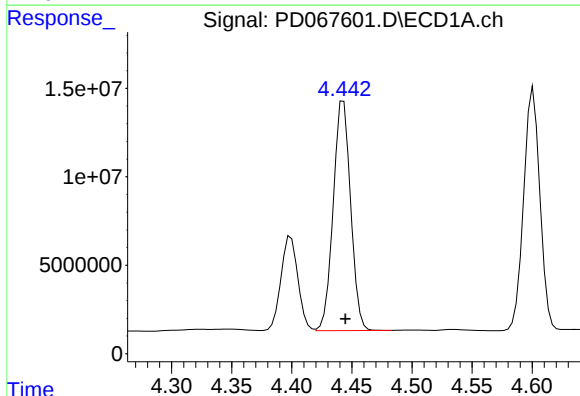
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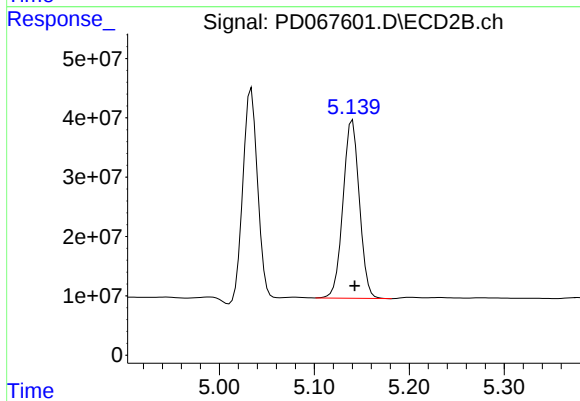
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 402730975
Conc: 47.79 ng/ml



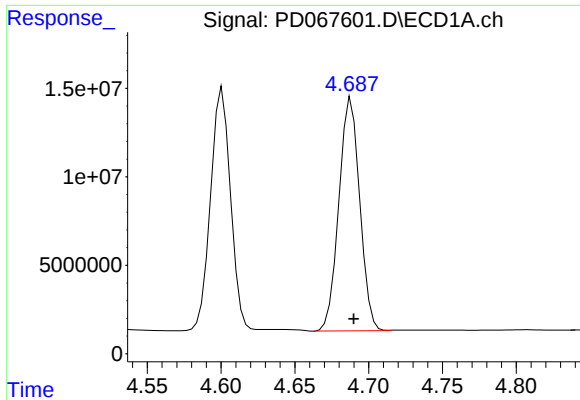
#4 Heptachlor

R.T.: 4.443 min
Delta R.T.: -0.002 min
Response: 131121828
Conc: 48.22 ng/ml



#4 Heptachlor

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 360216765
Conc: 46.95 ng/ml



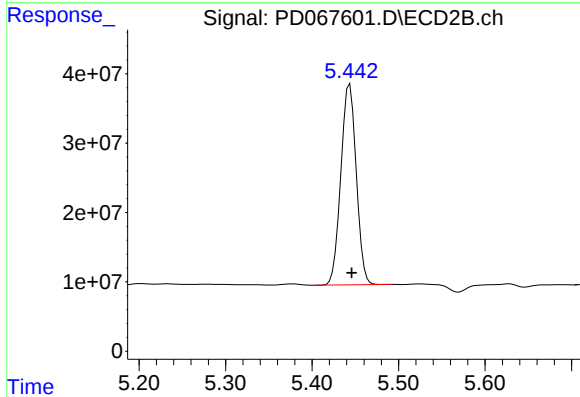
#5 Aldrin

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 129494283
Conc: 46.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

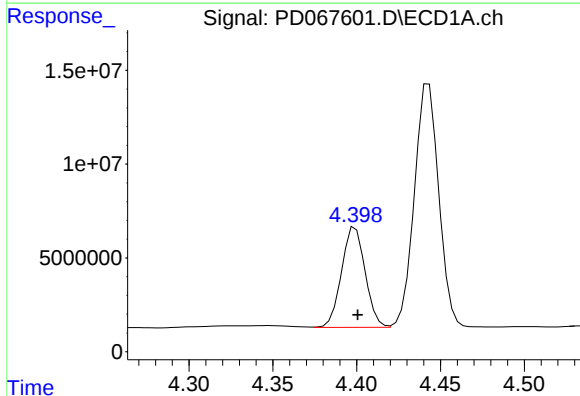
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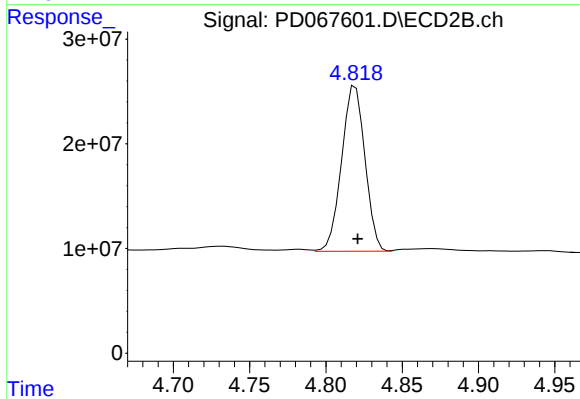
#5 Aldrin

R.T.: 5.444 min
Delta R.T.: -0.002 min
Response: 355741802
Conc: 47.98 ng/ml



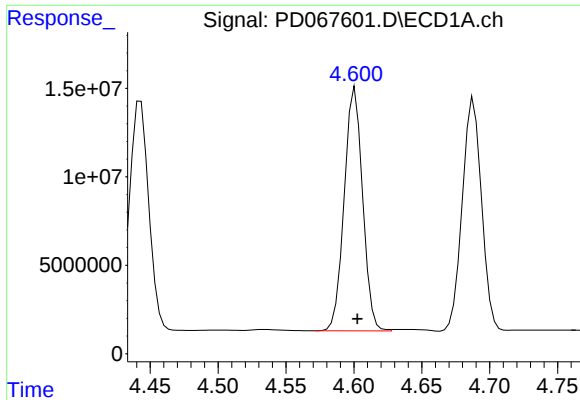
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.001 min
Response: 52253420
Conc: 47.55 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 168231568
Conc: 43.14 ng/ml



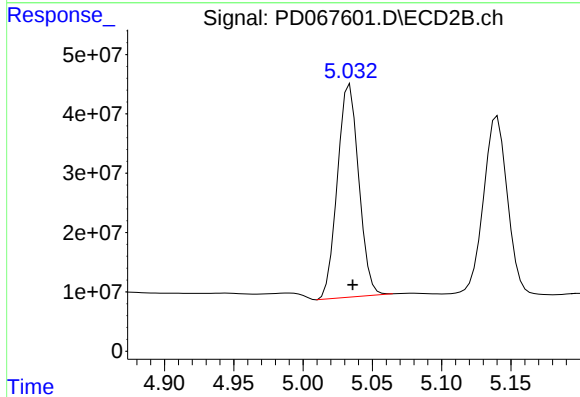
#7 delta-BHC

R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 129751674
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

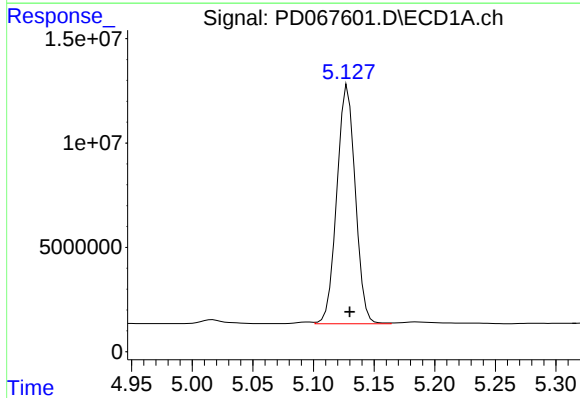
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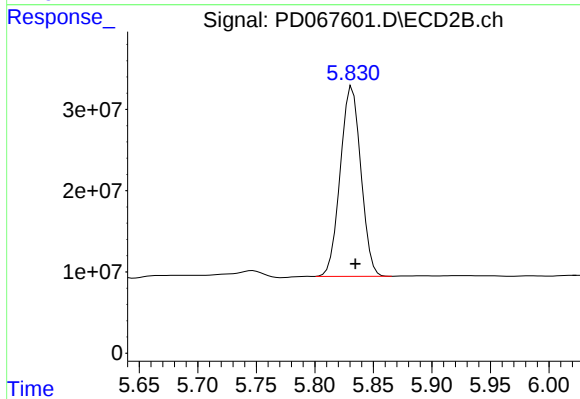
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 385264897
Conc: 51.41 ng/ml



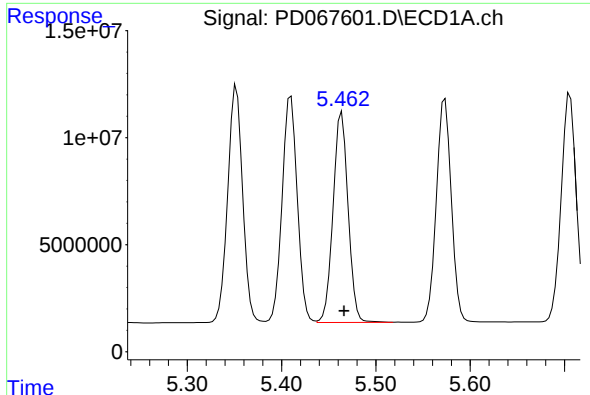
#8 Heptachlor epoxide

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 121099985
Conc: 49.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 286726957
Conc: 53.72 ng/ml



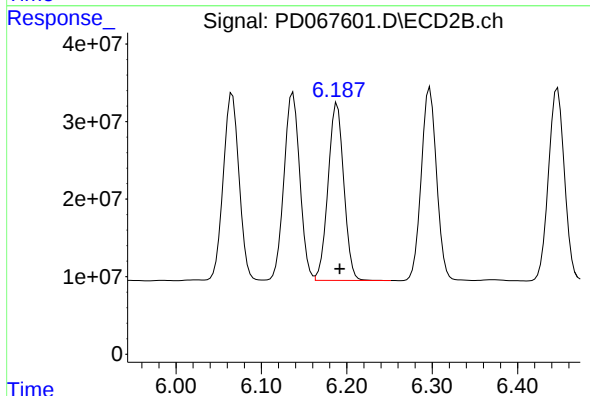
#9 Endosulfan I

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 108921882
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

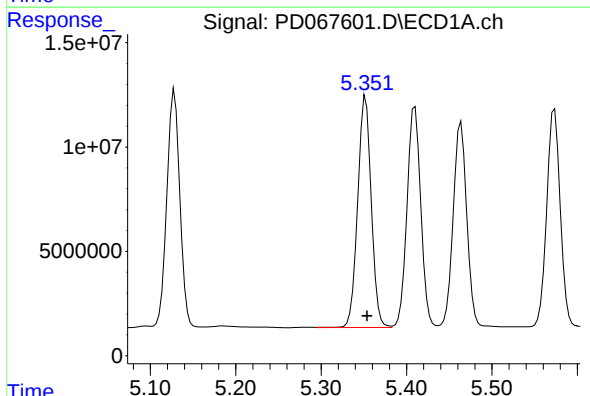
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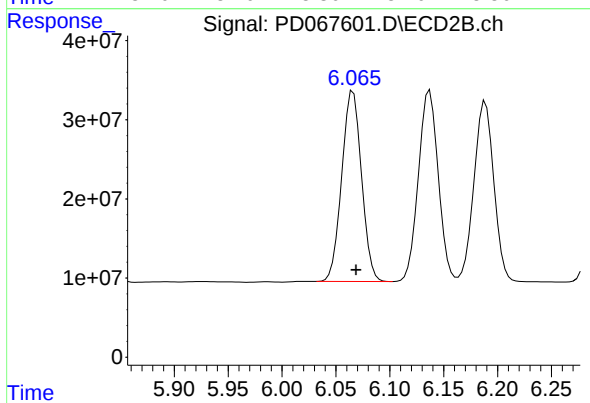
#9 Endosulfan I

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 293011990
Conc: 48.40 ng/ml



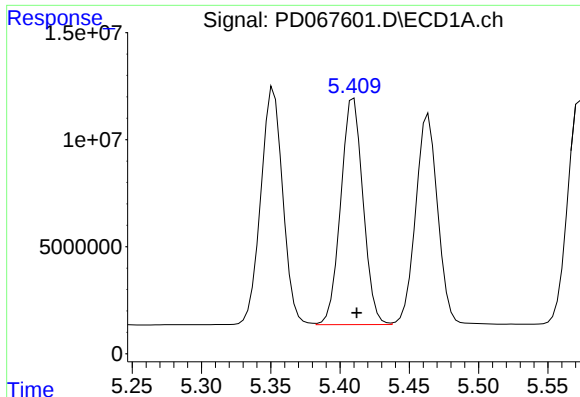
#10 gamma-Chlordane

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 122342834
Conc: 49.49 ng/ml



#10 gamma-Chlordane

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 307836966
Conc: 47.45 ng/ml



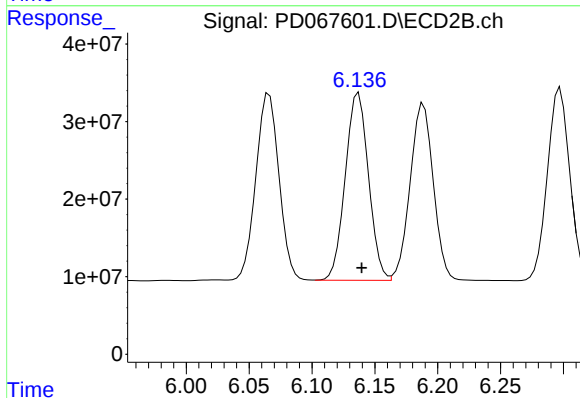
#11 alpha-Chlordane

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 118493652
Conc: 49.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

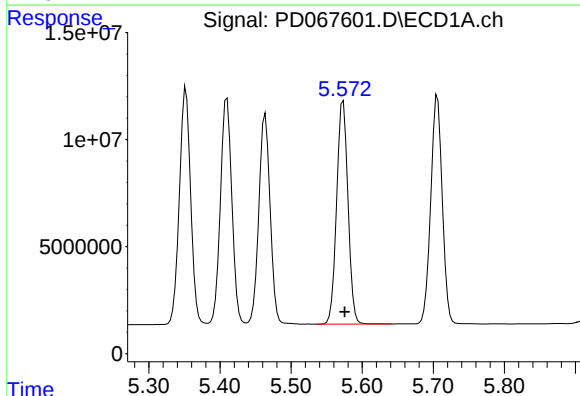
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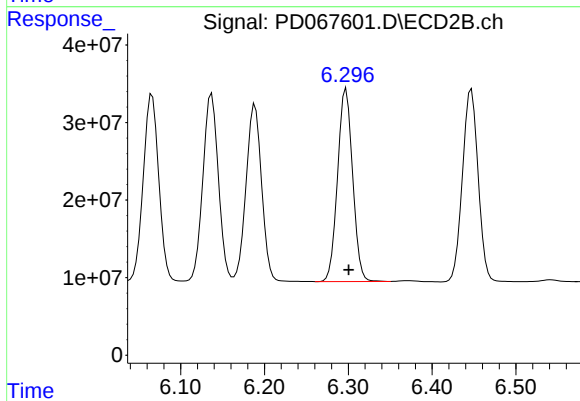
#11 alpha-Chlordane

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 310599178
Conc: 47.91 ng/ml



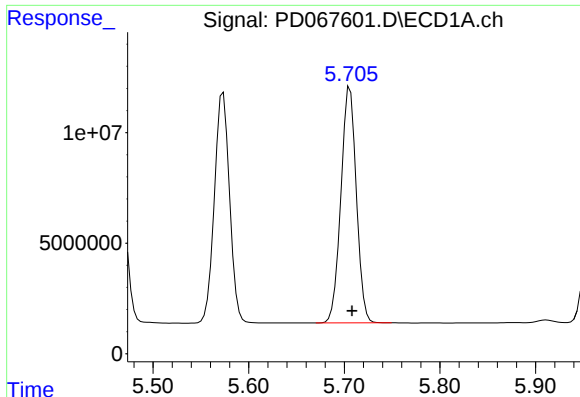
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: -0.002 min
Response: 115319312
Conc: 52.09 ng/ml



#12 4,4'-DDE

R.T.: 6.297 min
Delta R.T.: -0.003 min
Response: 310471218
Conc: 50.40 ng/ml



#13 Dieldrin

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 119871990
Conc: 49.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

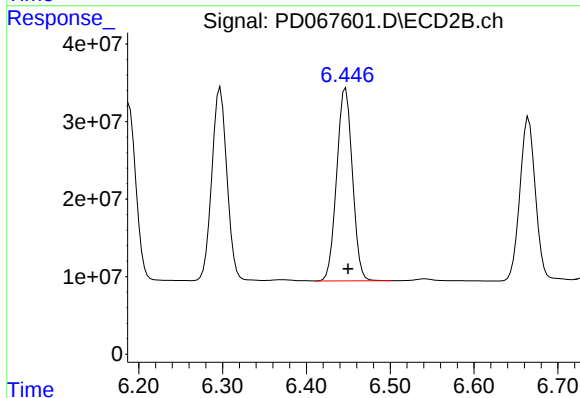
PH-3/1-1.5MSD

Manual Integrations

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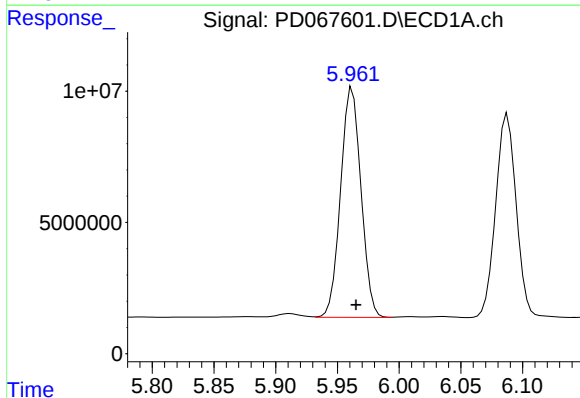
Reviewed By :Abdul Mirza 01/05/2022

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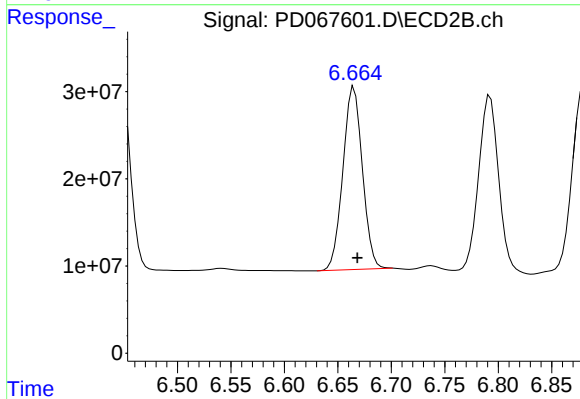
#13 Dieldrin

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 324027240
Conc: 48.78 ng/ml



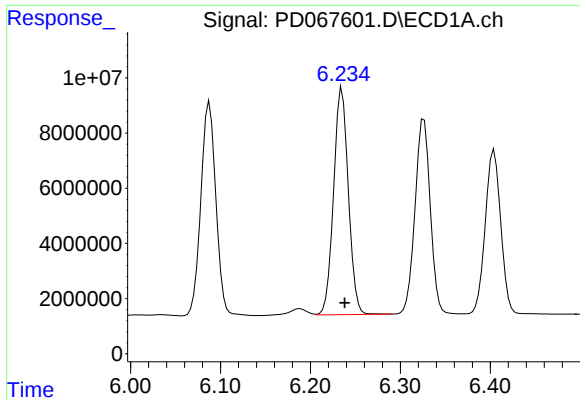
#14 Endrin

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 100748235
Conc: 47.96 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 266351484
Conc: 48.05 ng/ml



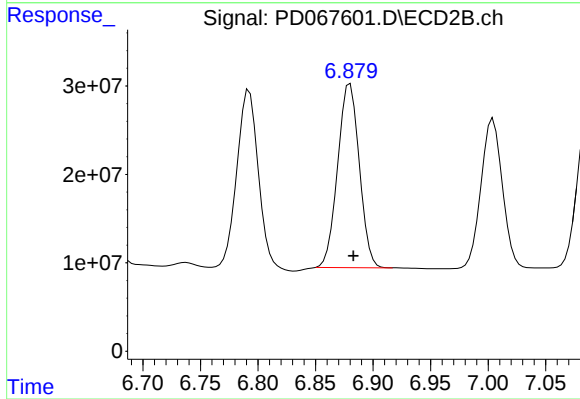
#15 Endosulfan II

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 93698696
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

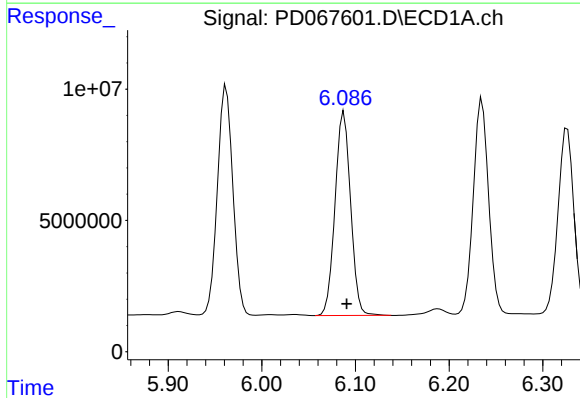
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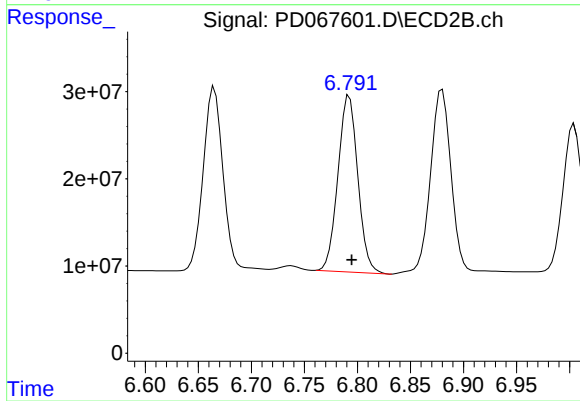
#15 Endosulfan II

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 272651018
Conc: 45.87 ng/ml m



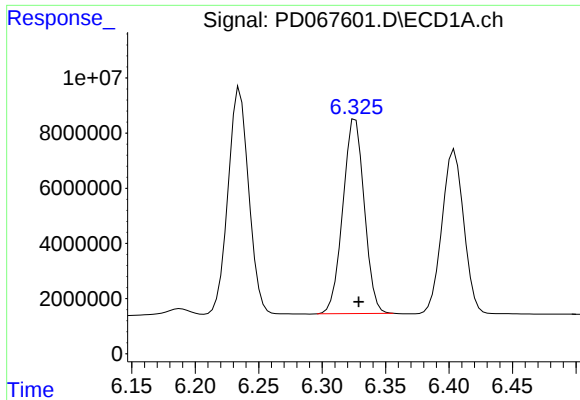
#16 4,4'-DDD

R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 89801440
Conc: 52.27 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 263929797
Conc: 52.72 ng/ml



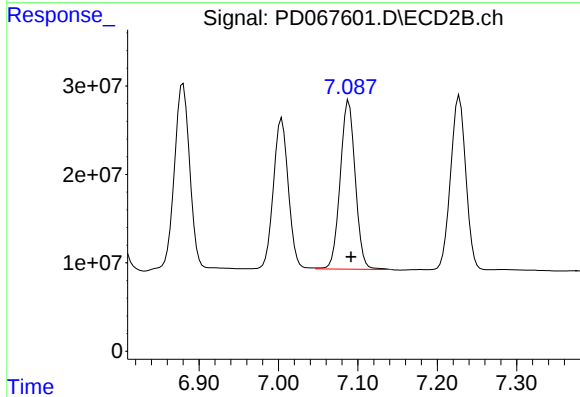
#17 4,4'-DDT

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 82785383
Conc: 50.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

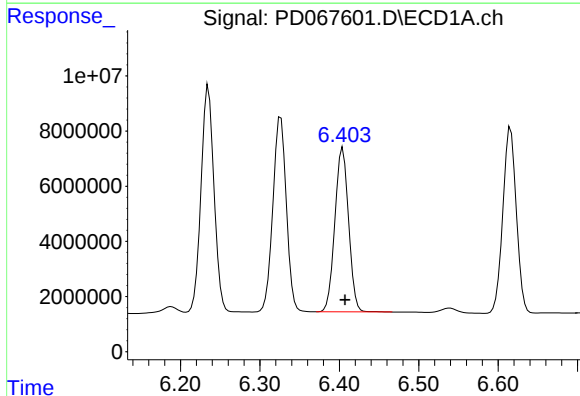
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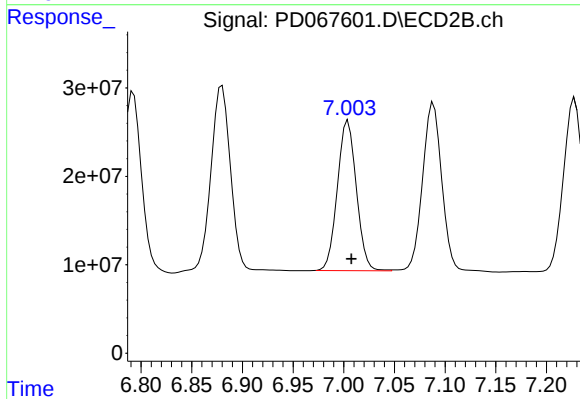
#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 252070908
Conc: 47.11 ng/ml



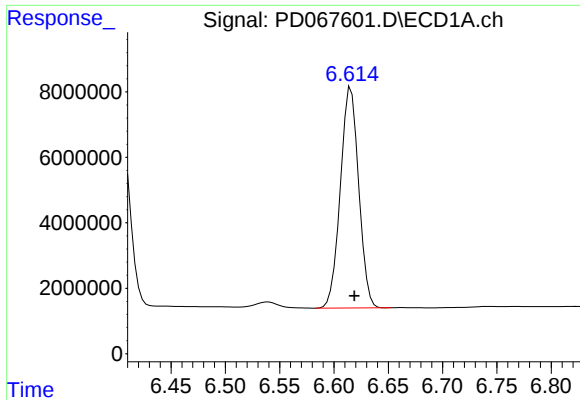
#18 Endrin aldehyde

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 71337477
Conc: 46.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 221450042
Conc: 49.09 ng/ml



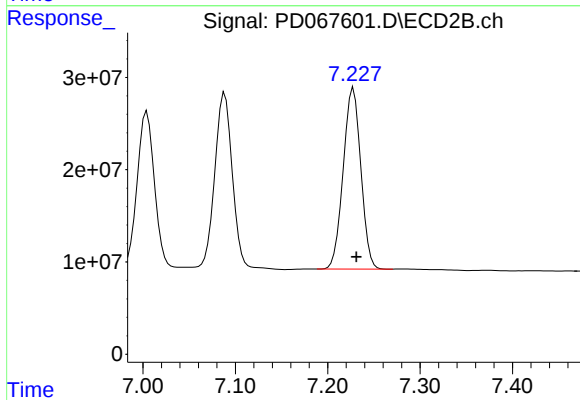
#19 Endosulfan Sulfate

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 79283426
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

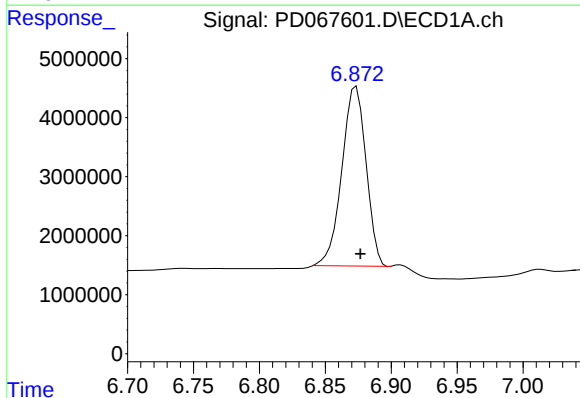
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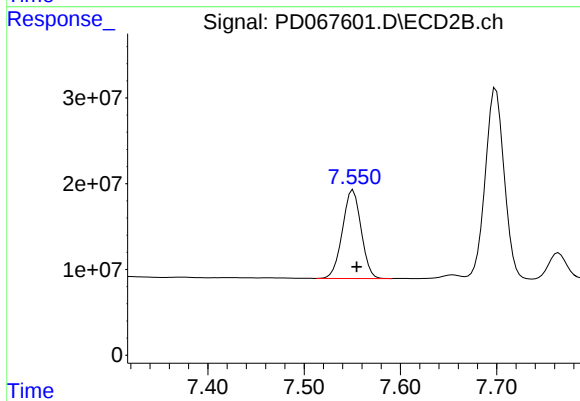
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: -0.003 min
Response: 260479637
Conc: 47.66 ng/ml



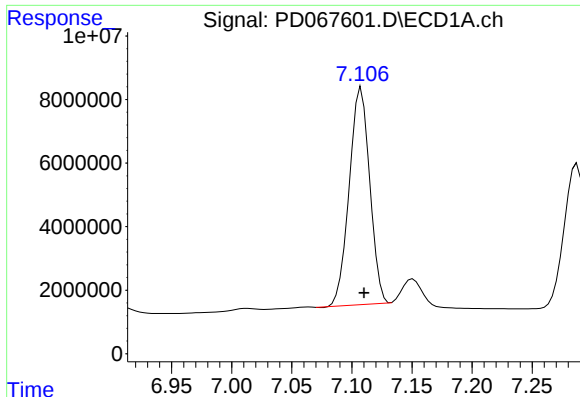
#20 Methoxychlor

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 38767518
Conc: 45.67 ng/ml



#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 138908762
Conc: 47.88 ng/ml



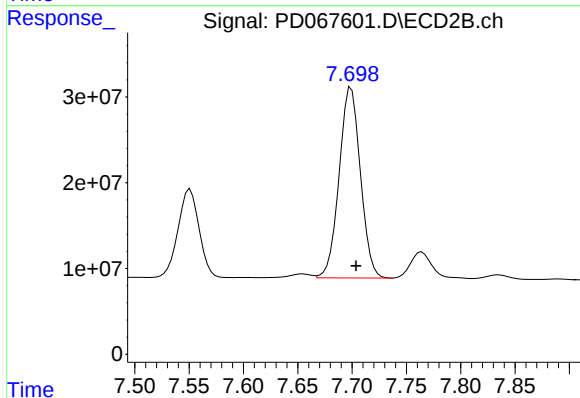
#21 Endrin ketone

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 81046138
Conc: 47.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

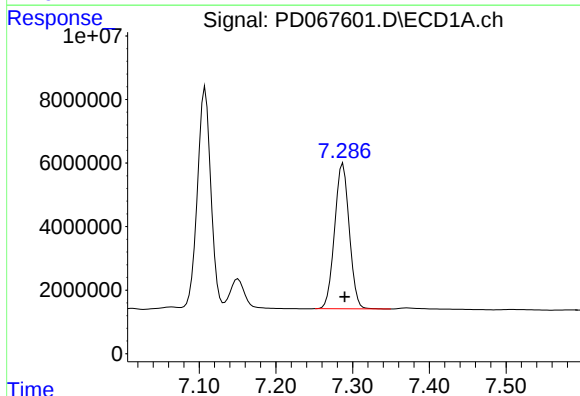
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/05/2022
Supervised By :Ankita Jodhani 01/05/2022



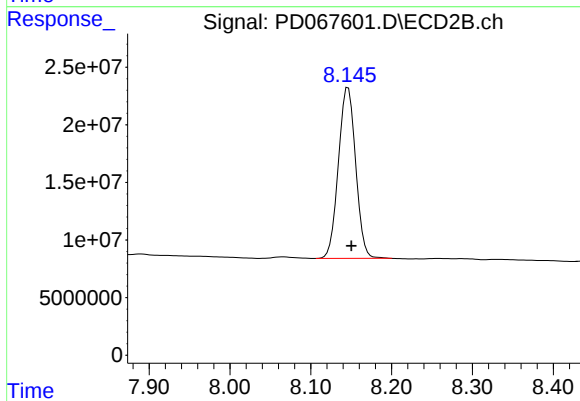
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 302954311
Conc: 48.28 ng/ml



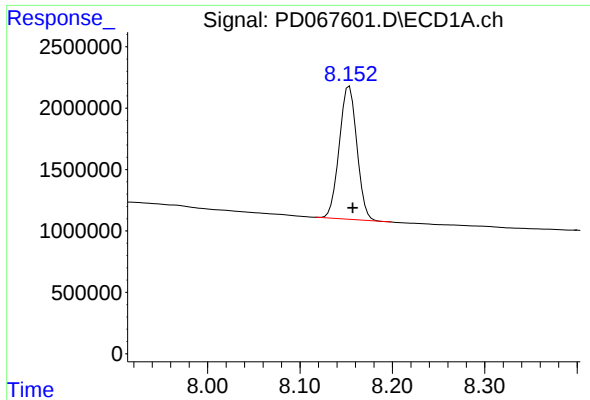
#22 Mirex

R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 60646063
Conc: 50.70 ng/ml



#22 Mirex

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 220094399
Conc: 50.69 ng/ml



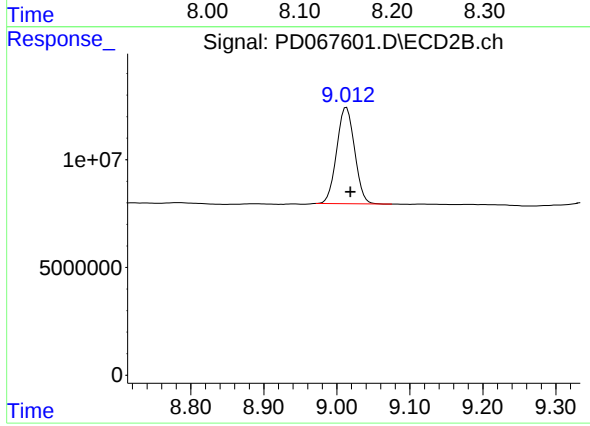
#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 14356771
Conc: 16.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/05/2022
Supervised By :Ankita Jodhani 01/05/2022



#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.005 min
Response: 76065519
Conc: 16.01 ng/ml