

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD033122\
 Data File : PD068832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 16:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/30/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 04:49:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	4.173	61976297	512.0E6	51.044	53.550
28)	SA Decachlor...	8.215	9.371	64481430	306.3E6	51.039	54.051
Target Compounds							
2)	A alpha-BHC	3.895	4.569	95058386	758.4E6	52.502	55.107
3)	MA gamma-BHC...	4.179	4.860	88873361	677.4E6	53.225	54.177
4)	MA Heptachlor	4.477	5.387	81703853	619.2E6	49.593	52.106
5)	MB Aldrin	4.725	5.700	85176346	632.8E6	53.298	55.124
6)	B beta-BHC	4.430	5.023	39972542	295.7E6	53.686	53.866
7)	B delta-BHC	4.634	5.249	87579376	660.7E6	53.591	54.939
8)	B Heptachlo...	5.170	6.087	78585228	586.4E6	52.548	56.158m
9)	A Endosulfan I	5.508	6.451	73965272	522.3E6	52.861	55.698
10)	B gamma-Chl...	5.396	6.324	79823953	558.9E6	52.622	54.222m
11)	B alpha-Chl...	5.455	6.400	78506675	551.9E6	52.525	55.433
12)	B 4,4'-DDE	5.621	6.550	75687759	514.0E6	55.325	55.462
13)	MA Dieldrin	5.752	6.710	78063777	535.4E6	53.463	55.123
14)	MA Endrin	6.010	6.929	67236688	369.8E6	51.041	47.792
15)	B Endosulfa...	6.284	7.135	66192733	414.3E6	53.109	54.812
16)	A 4,4'-DDD	6.138	7.042	63850931	416.4E6	54.146	56.389
17)	MA 4,4'-DDT	6.379	7.345	59357204	395.2E6	49.383	53.797
18)	B Endrin al...	6.454	7.259	52164428	334.3E6	52.545	55.245
19)	B Endosulfa...	6.666	7.484	68061511	411.9E6	53.222	56.003
20)	A Methoxychlor	6.929	7.798	32913322	194.1E6	47.492	53.237
21)	B Endrin ke...	7.160	7.959	80541250	442.3E6	54.710	57.084
22)	Mirex	7.343	8.426	61267735	305.3E6	51.695	55.702

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD033122\
Data File : PD068832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2022 16:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

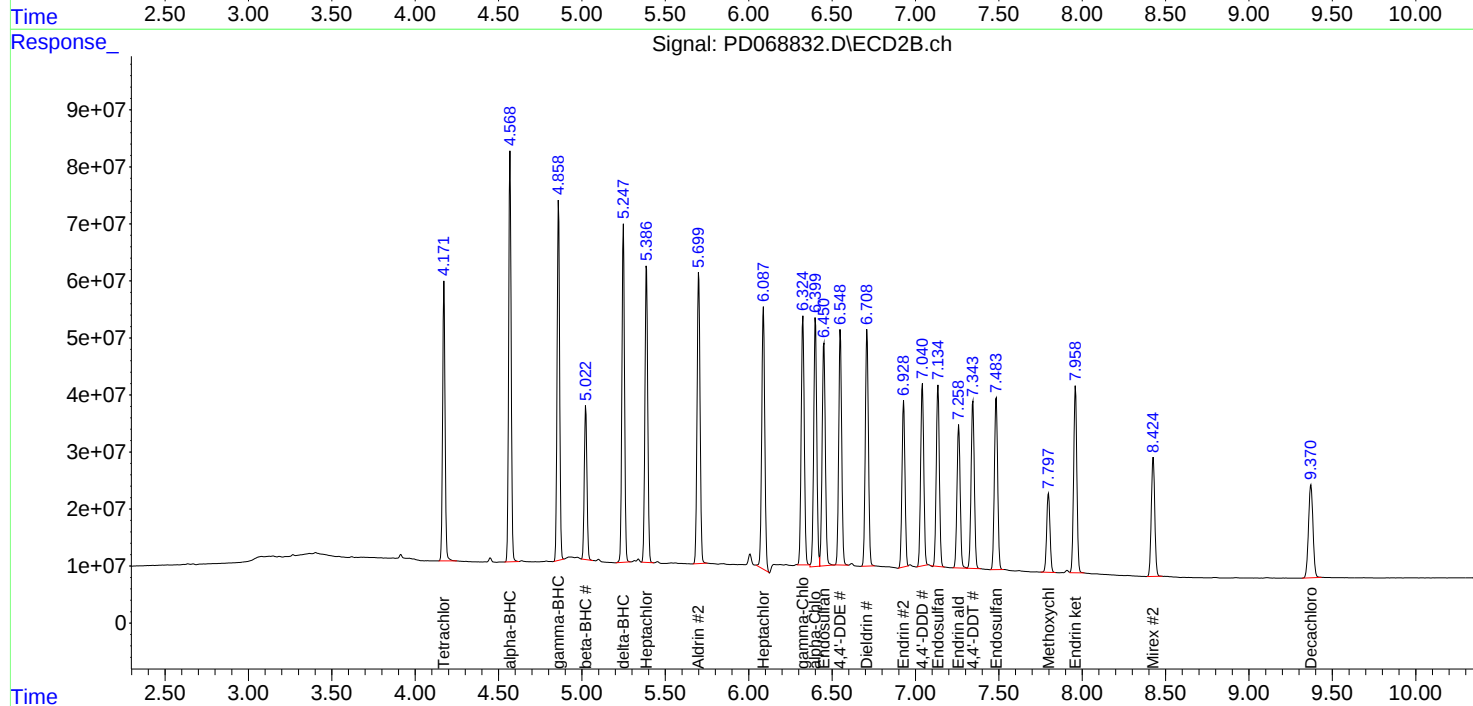
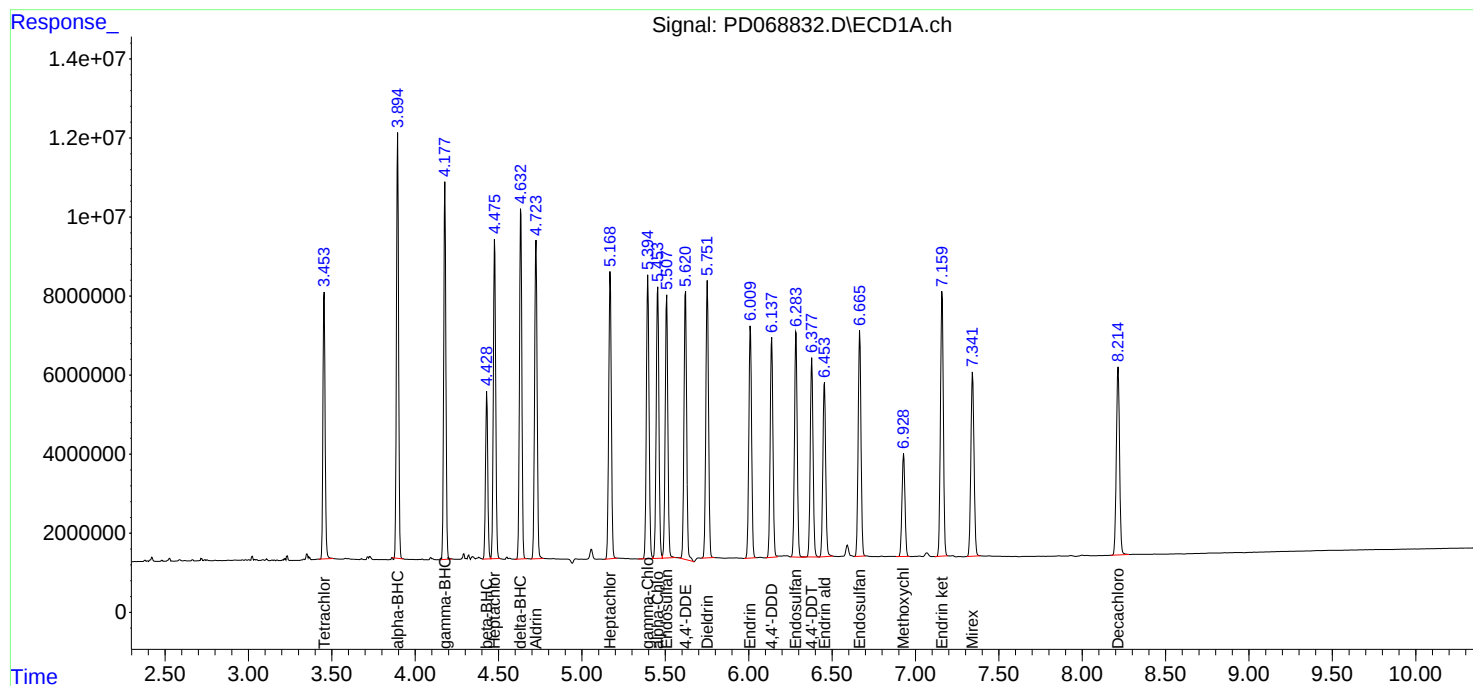
APPROVED

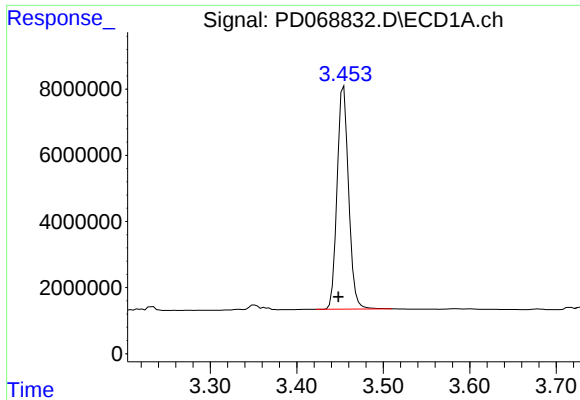
Reviewed By :Abdul Mirza 03/30/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 04:49:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





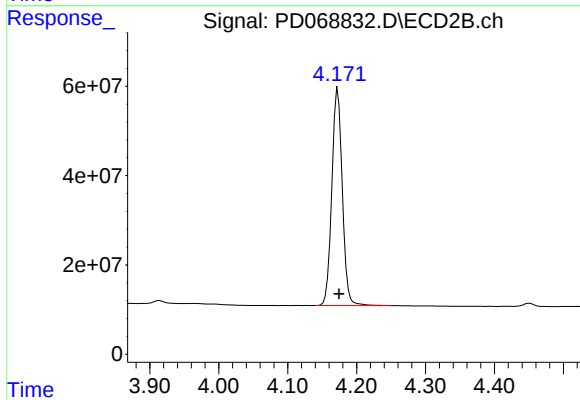
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.006 min
Response: 61976297
Conc: 51.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

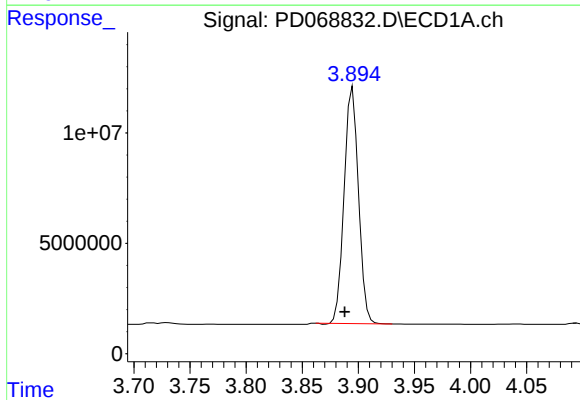
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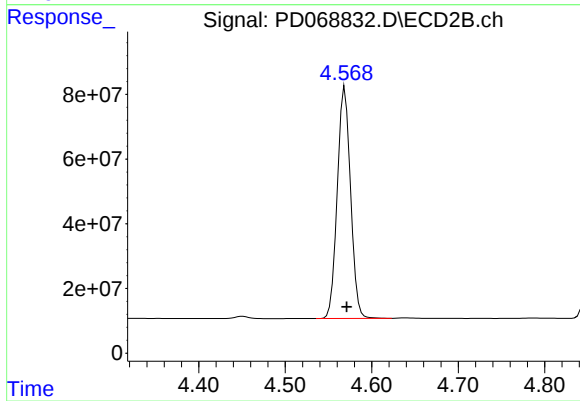
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 511974420
Conc: 53.55 ng/ml



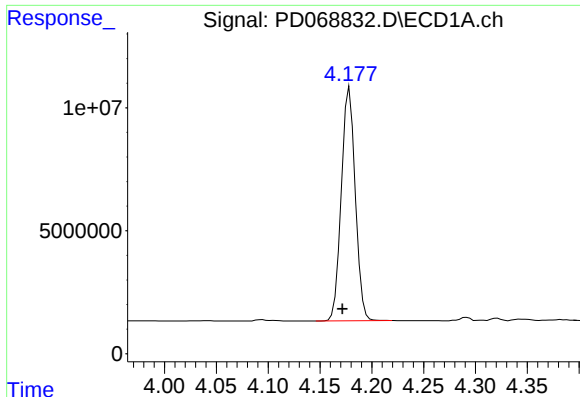
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.007 min
Response: 95058386
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 758435656
Conc: 55.11 ng/ml



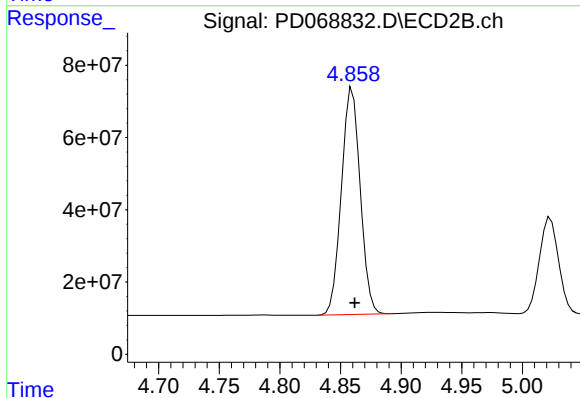
#3 gamma-BHC (Lindane)

R.T.: 4.179 min
Delta R.T.: 0.007 min
Response: 88873361
Conc: 53.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

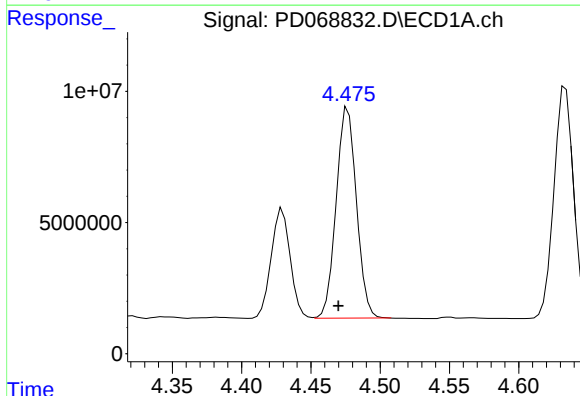
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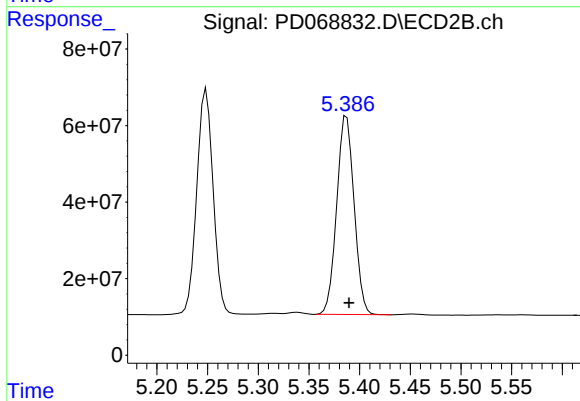
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 677384186
Conc: 54.18 ng/ml



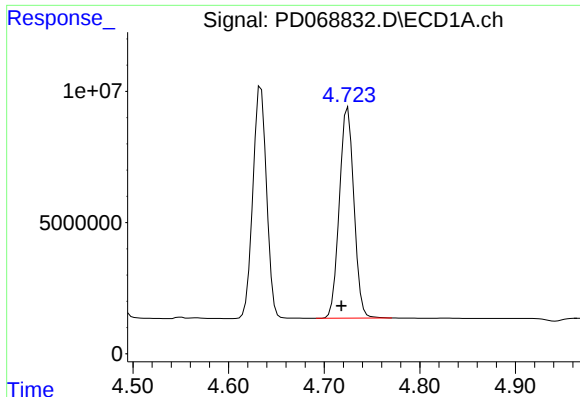
#4 Heptachlor

R.T.: 4.477 min
Delta R.T.: 0.007 min
Response: 81703853
Conc: 49.59 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 619245124
Conc: 52.11 ng/ml



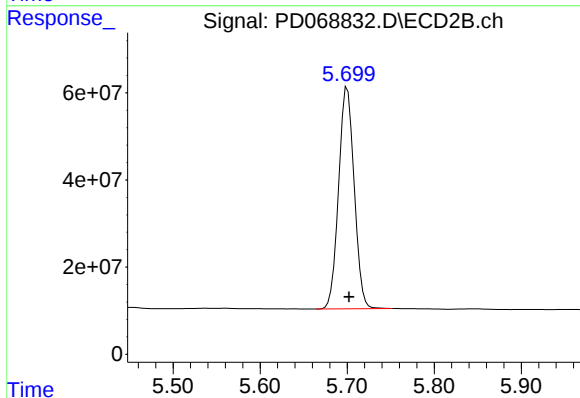
#5 Aldrin

R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 85176346
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

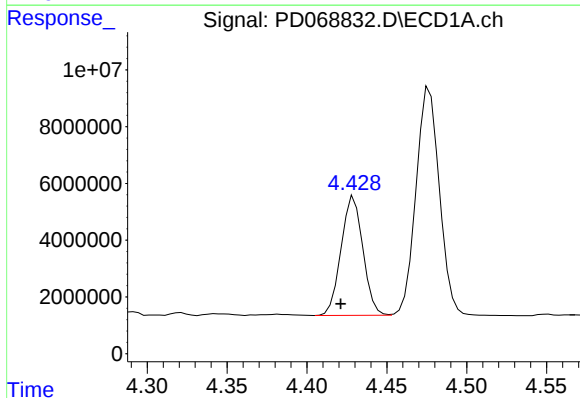
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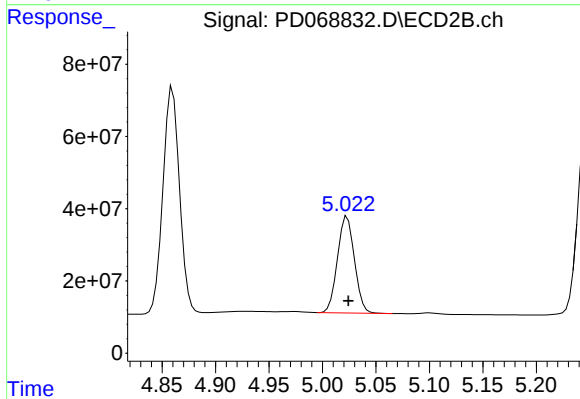
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 632761704
Conc: 55.12 ng/ml



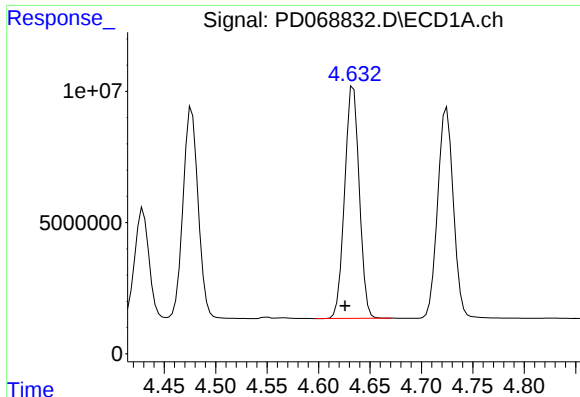
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.008 min
Response: 39972542
Conc: 53.69 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 295716389
Conc: 53.87 ng/ml



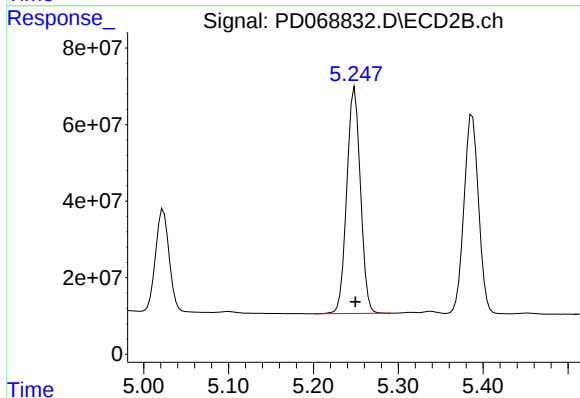
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: 0.008 min
Response: 87579376
Conc: 53.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

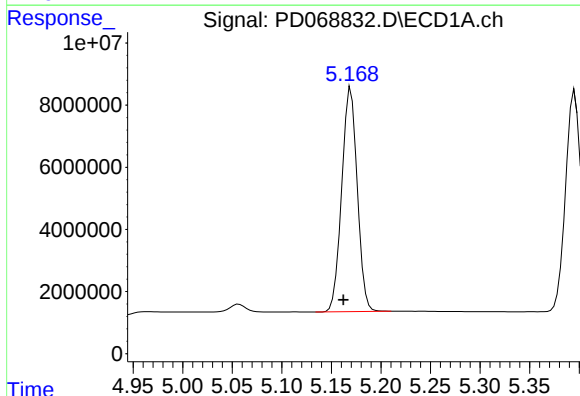
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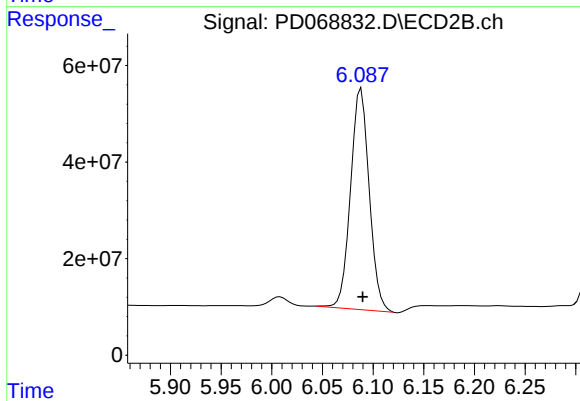
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 660678237
Conc: 54.94 ng/ml



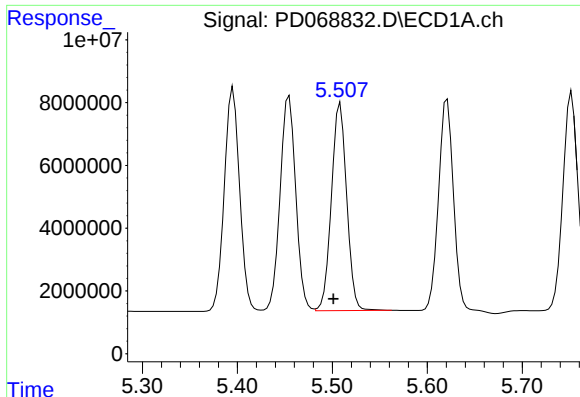
#8 Heptachlor epoxide

R.T.: 5.170 min
Delta R.T.: 0.008 min
Response: 78585228
Conc: 52.55 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 586441385
Conc: 56.16 ng/ml m



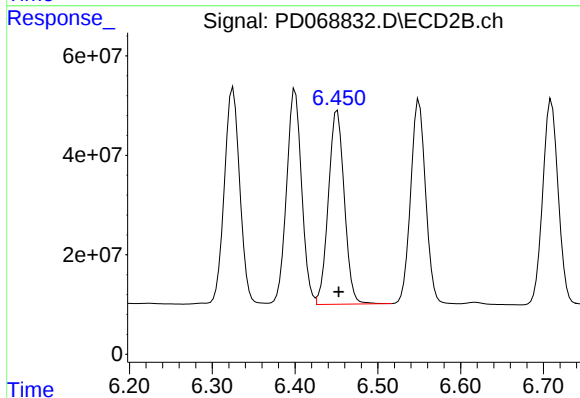
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: 0.007 min
Response: 73965272
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

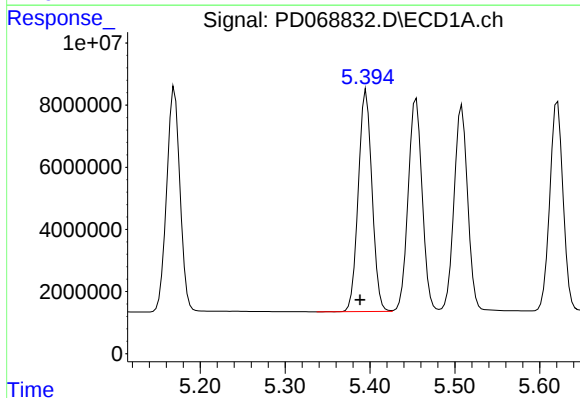
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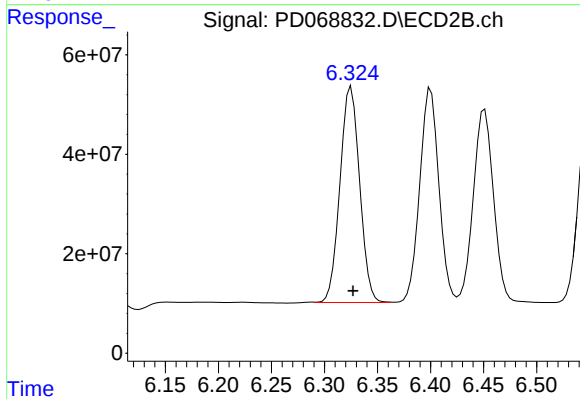
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 522347411
Conc: 55.70 ng/ml



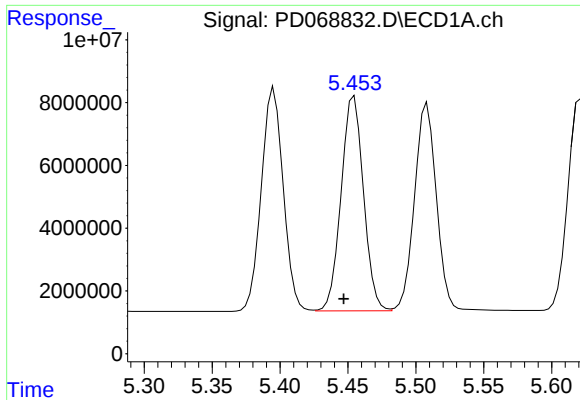
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: 0.007 min
Response: 79823953
Conc: 52.62 ng/ml



#10 gamma-Chlordane

R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 558872972
Conc: 54.22 ng/ml m



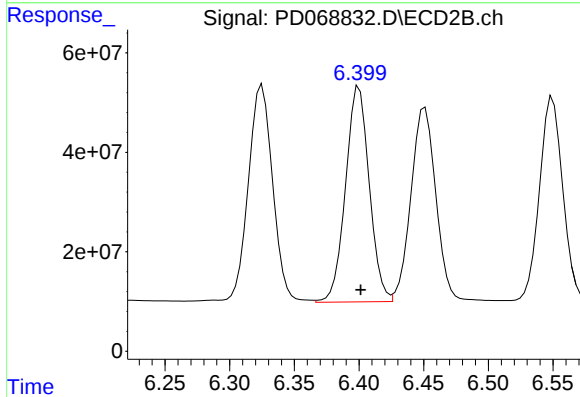
#11 alpha-Chlordane

R.T.: 5.455 min
Delta R.T.: 0.008 min
Response: 78506675
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

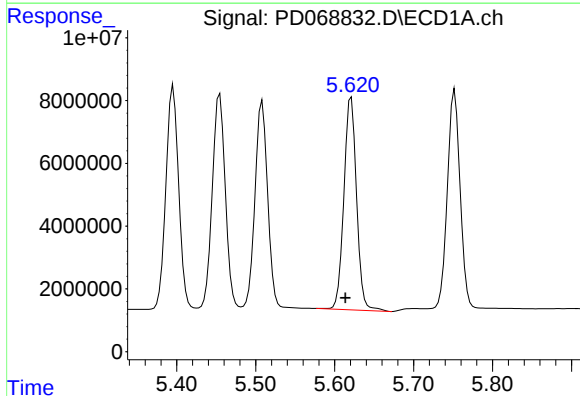
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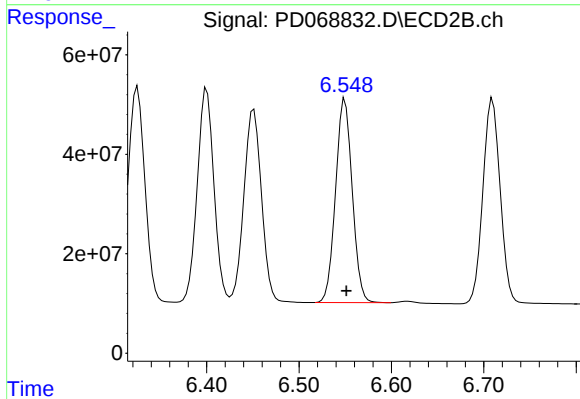
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 551901457
Conc: 55.43 ng/ml



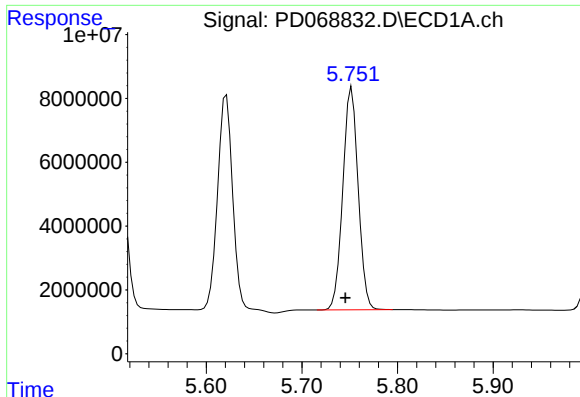
#12 4,4'-DDE

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 75687759
Conc: 55.32 ng/ml



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 513961629
Conc: 55.46 ng/ml



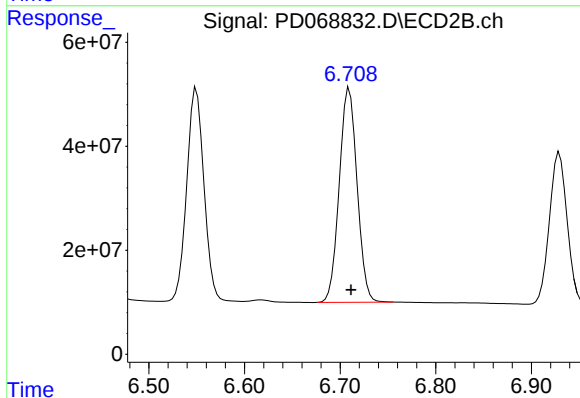
#13 Dieldrin

R.T.: 5.752 min
Delta R.T.: 0.007 min
Response: 78063777
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

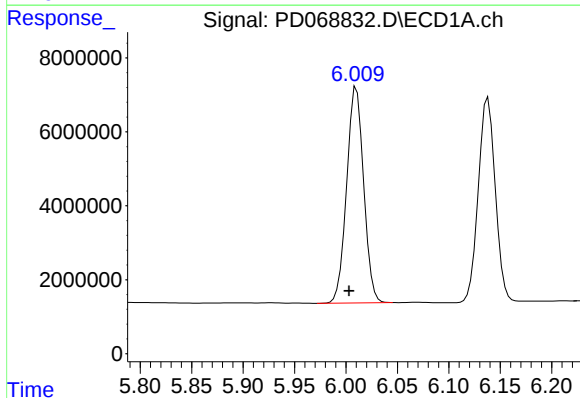
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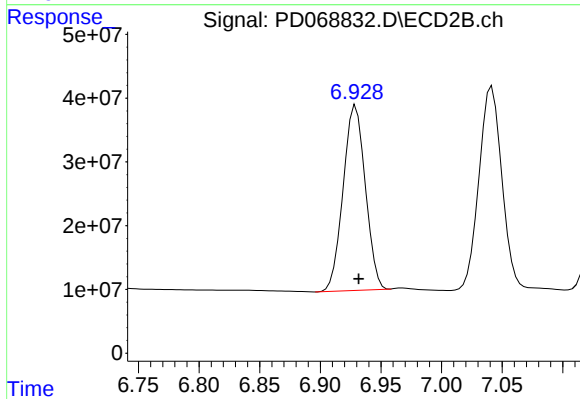
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 535414881
Conc: 55.12 ng/ml



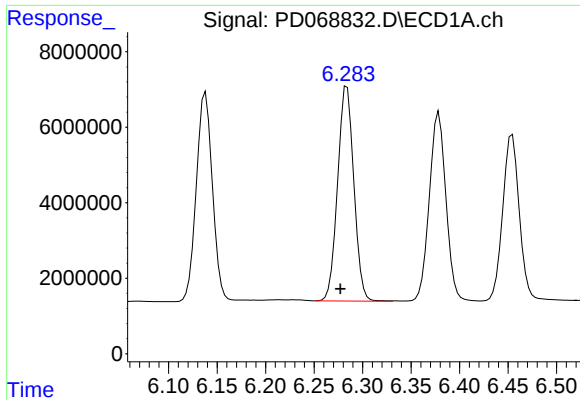
#14 Endrin

R.T.: 6.010 min
Delta R.T.: 0.007 min
Response: 67236688
Conc: 51.04 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 369790766
Conc: 47.79 ng/ml



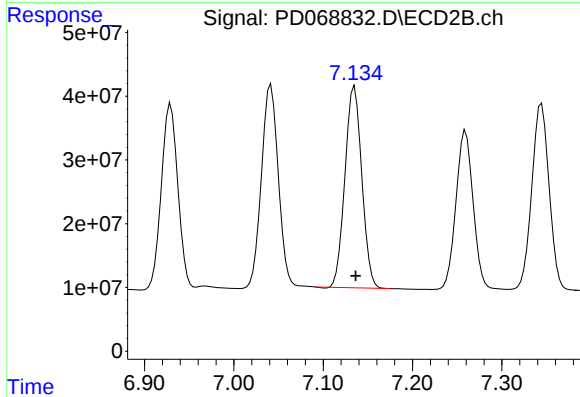
#15 Endosulfan II

R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 66192733
Conc: 53.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

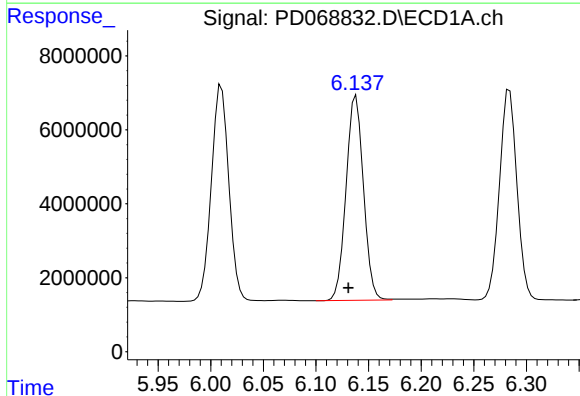
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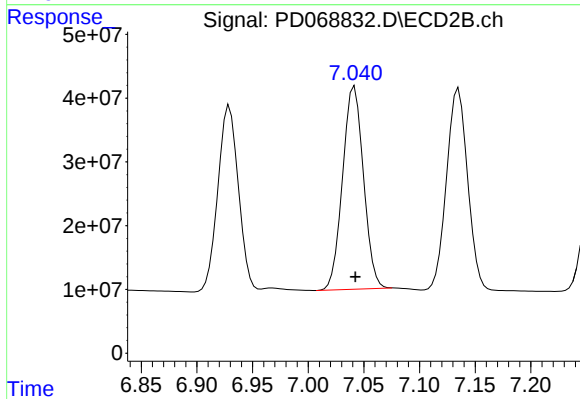
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.001 min
Response: 414299623
Conc: 54.81 ng/ml



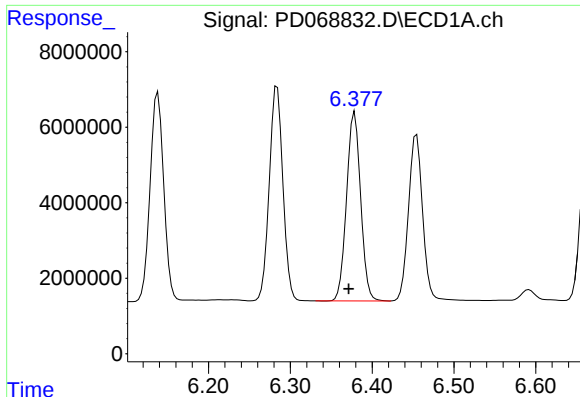
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: 0.007 min
Response: 63850931
Conc: 54.15 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 416445230
Conc: 56.39 ng/ml



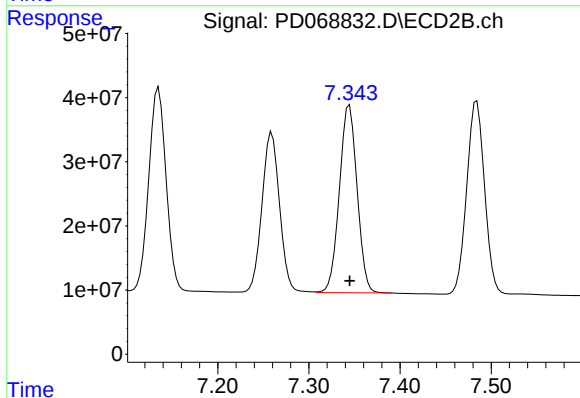
#17 4,4'-DDT

R.T.: 6.379 min
Delta R.T.: 0.007 min
Response: 59357204
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

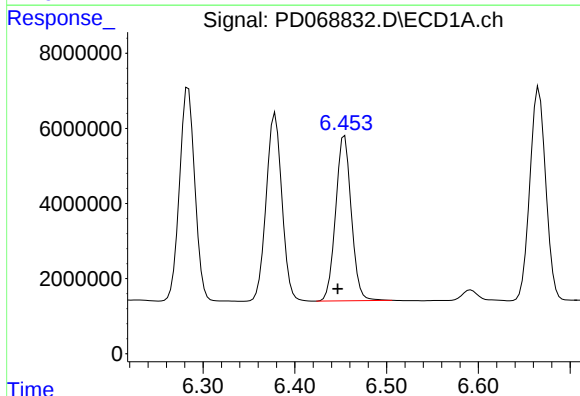
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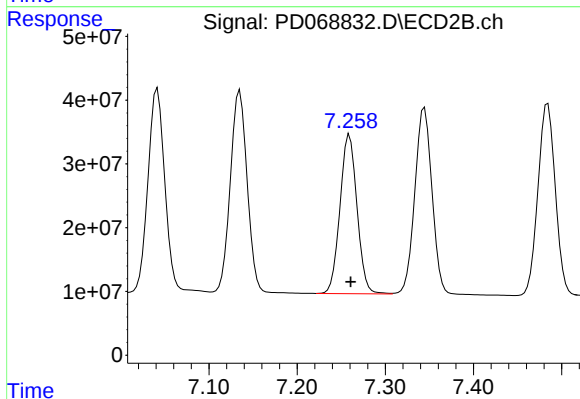
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 395237018
Conc: 53.80 ng/ml



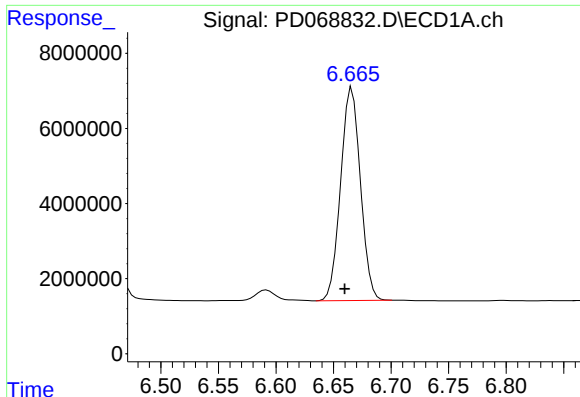
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: 0.008 min
Response: 52164428
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 334332489
Conc: 55.25 ng/ml



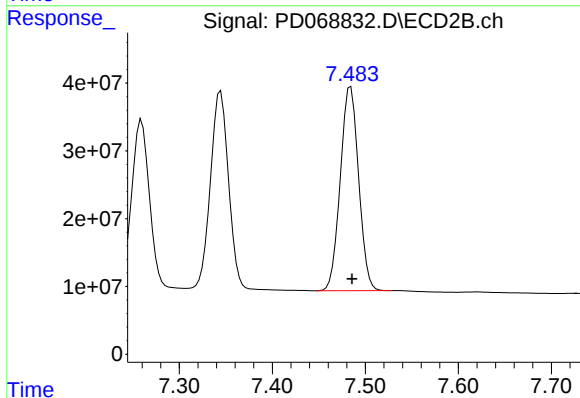
#19 Endosulfan Sulfate

R.T.: 6.666 min
Delta R.T.: 0.006 min
Response: 68061511
Conc: 53.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

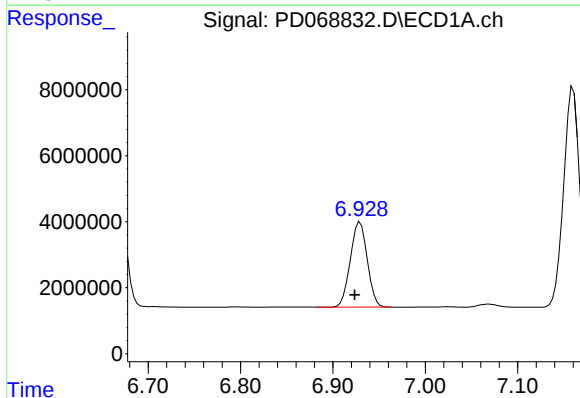
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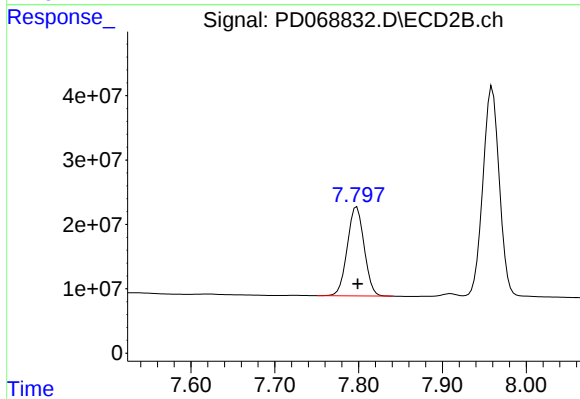
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 411902236
Conc: 56.00 ng/ml



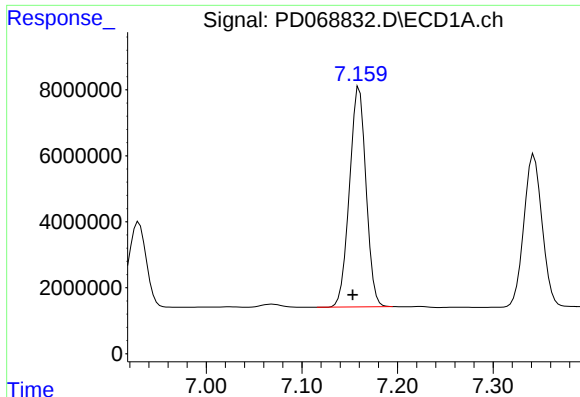
#20 Methoxychlor

R.T.: 6.929 min
Delta R.T.: 0.006 min
Response: 32913322
Conc: 47.49 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 194062552
Conc: 53.24 ng/ml



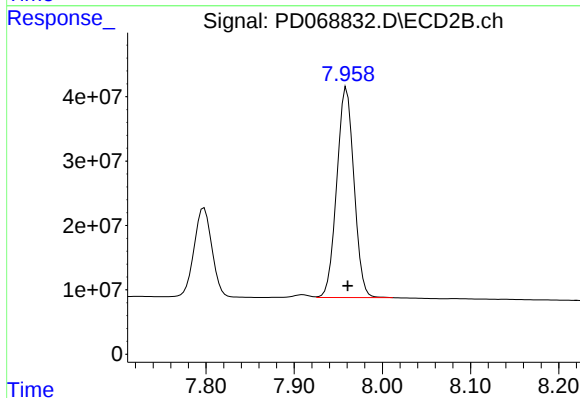
#21 Endrin ketone

R.T.: 7.160 min
Delta R.T.: 0.007 min
Response: 80541250
Conc: 54.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

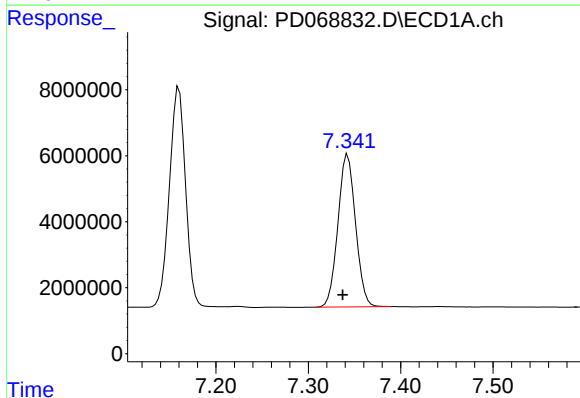
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/30/2022
Supervised By :mohammad ahmed 03/30/2022



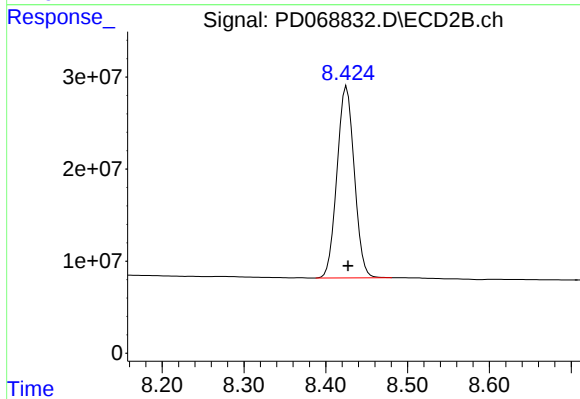
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.001 min
Response: 442328887
Conc: 57.08 ng/ml



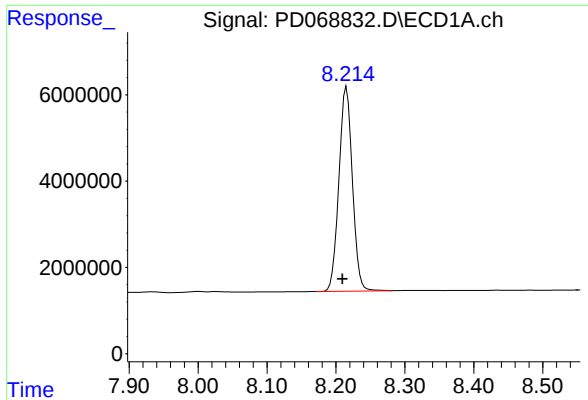
#22 Mirex

R.T.: 7.343 min
Delta R.T.: 0.005 min
Response: 61267735
Conc: 51.69 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 305320083
Conc: 55.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.006 min
Response: 64481430
Conc: 51.04 ng/ml

Instrument :

ECD_D

ClientSampleId :

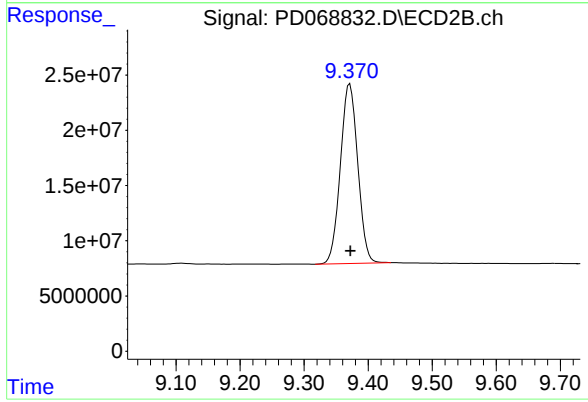
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 306292526
Conc: 54.05 ng/ml