

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122721\
 Data File : PD067504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 11:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 01:05:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 04:06:22 2021
 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.439	3.964	100.2E6	370.4E6	54.757	41.983
28)	SA Decachlor...	8.165	9.022	44801841	252.0E6	48.599	56.682
Target Compounds							
2)	A alpha-BHC	3.876	4.357	165.0E6	517.9E6	54.833	41.608m
3)	MA gamma-BHC...	4.158	4.643	150.0E6	472.8E6	53.674	43.295
4)	MA Heptachlor	4.451	5.143	153.0E6	429.6E6	53.311	46.192
5)	MB Aldrin	4.696	5.447	158.4E6	421.9E6	56.701	50.378
6)	B beta-BHC	4.407	4.822	58847910	205.8E6	47.667	43.731
7)	B delta-BHC	4.609	5.036	144.0E6	447.3E6	53.530	46.962
8)	B Heptachlo...	5.137	5.836	138.6E6	367.0E6	54.866	56.082
9)	A Endosulfan I	5.472	6.193	122.3E6	340.6E6	53.424m	49.487
10)	B gamma-Chl...	5.361	6.070	139.2E6	366.4E6	54.631	50.362
11)	B alpha-Chl...	5.418	6.141	135.8E6	361.8E6	54.609m	50.183
12)	B 4,4'-DDE	5.583	6.302	125.8E6	351.1E6	54.786	52.288
13)	MA Dieldrin	5.716	6.451	138.7E6	378.1E6	56.677	53.540
14)	MA Endrin	5.973	6.670	113.1E6	305.1E6	52.258	50.650
15)	B Endosulfa...	6.246	6.884	108.4E6	321.0E6	55.205	56.867m
16)	A 4,4'-DDD	6.098	6.797	97800055	292.2E6	55.169	54.269
17)	MA 4,4'-DDT	6.338	7.093	97871692	295.1E6	53.233	53.986
18)	B Endrin al...	6.415	7.010	81683932	256.8E6	56.430	59.245
19)	B Endosulfa...	6.627	7.233	89176685	300.5E6	50.439	55.043
20)	A Methoxychlor	6.885	7.556	46710087	158.4E6	48.271	54.377
21)	B Endrin ke...	7.118	7.706	97127606	355.7E6	51.680	57.561
22)	Mirex	7.298	8.152	65843287	242.6E6	47.918	55.218

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122721\
Data File : PD067504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2021 11:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

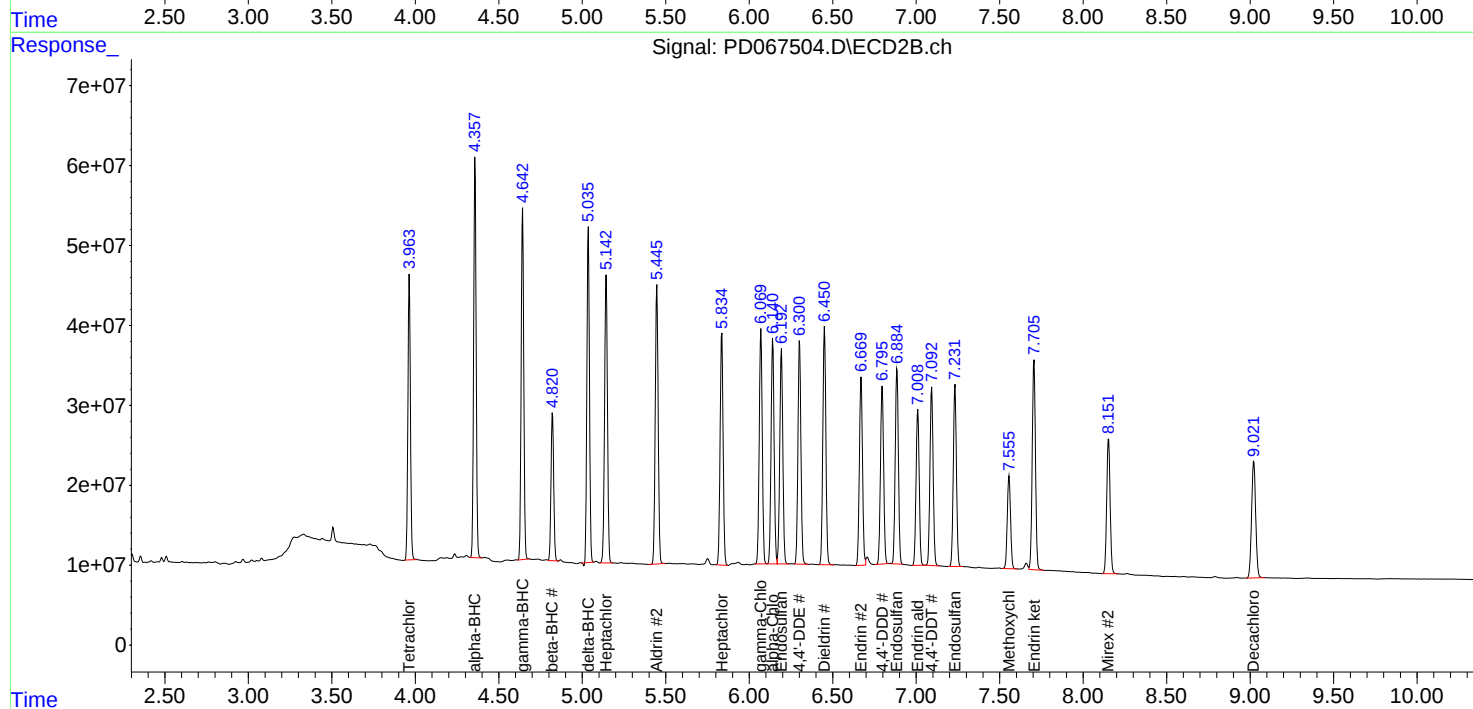
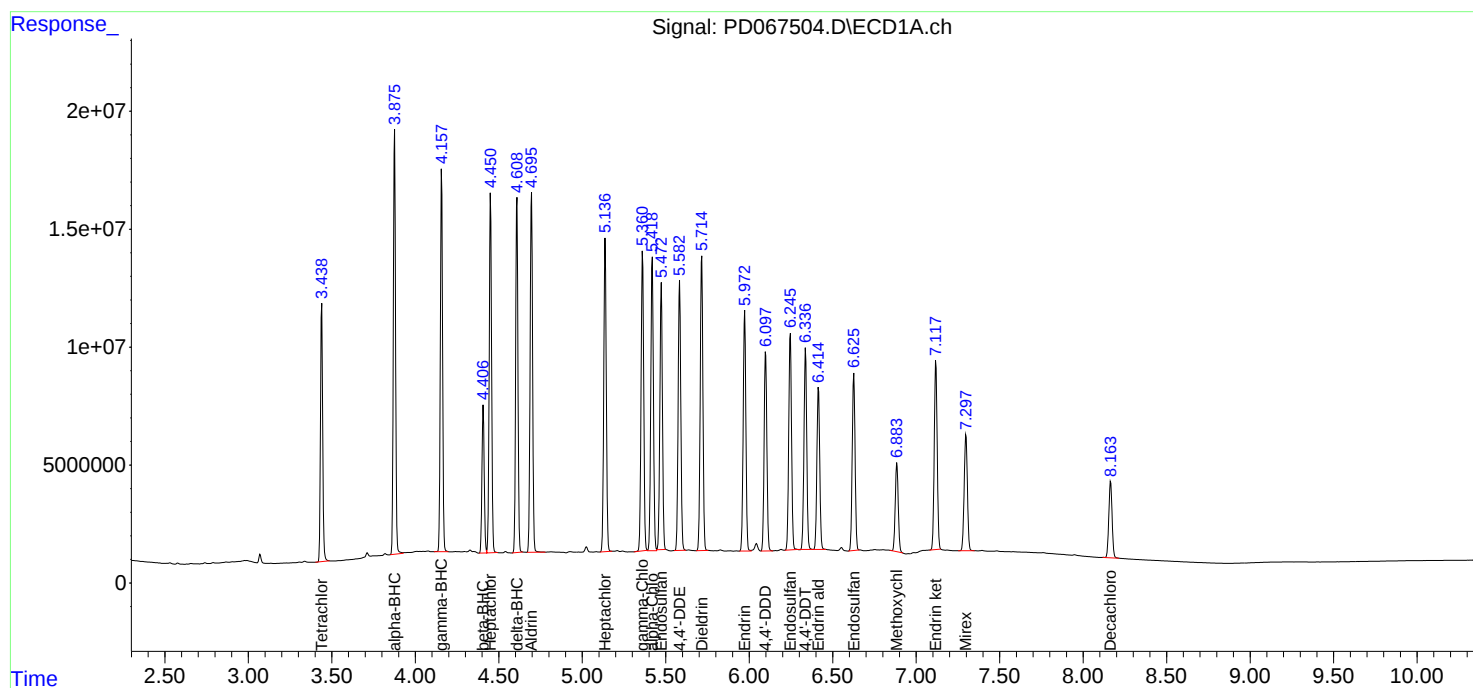
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

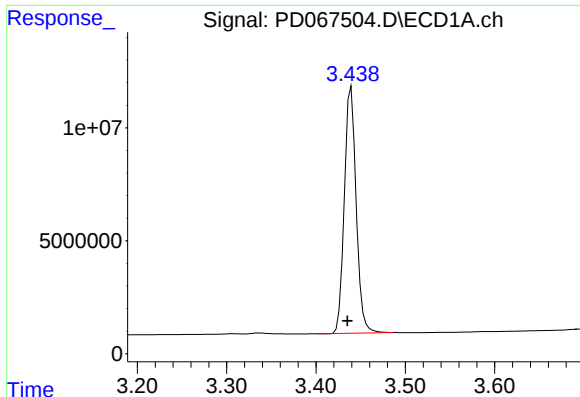
Manual Integrations
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Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 01:05:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
Quant Title : GC Extractables
QLast Update : Wed Dec 15 04:06:22 2021
Response via : Initial Calibration
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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.: 3.439 min
Delta R.T.: 0.004 min
Response: 100180080
Conc: 54.76 ng/ml

Instrument :

ECD_D

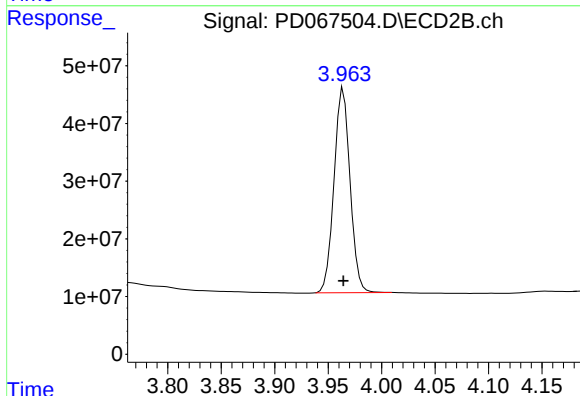
ClientSampleId :

PSTDCCC050

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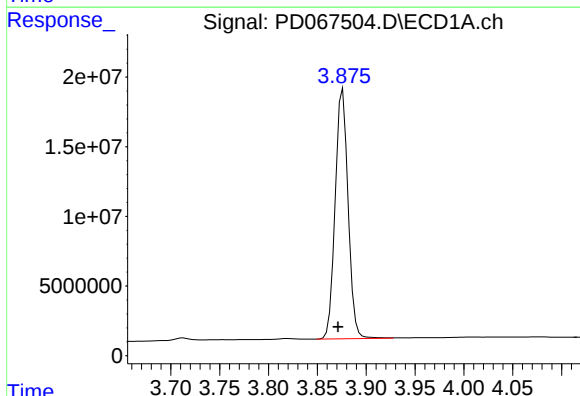
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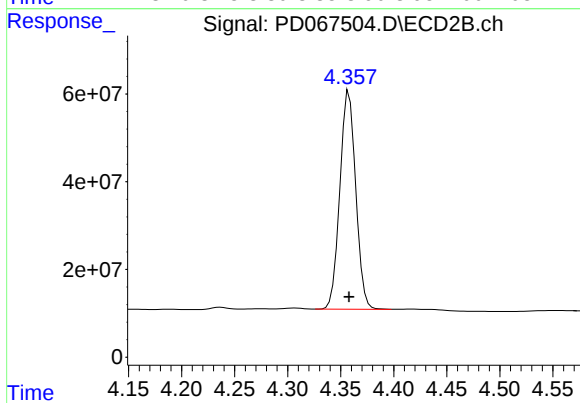
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 370433451
Conc: 41.98 ng/ml



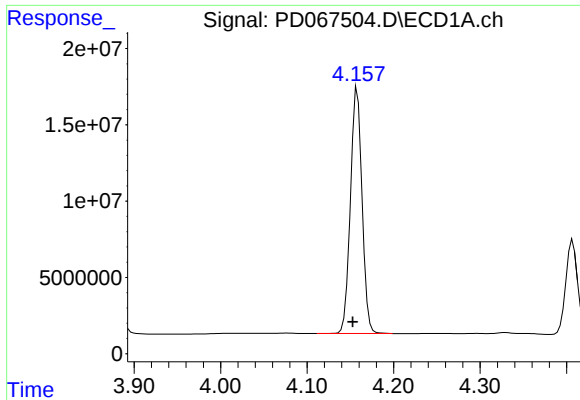
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.005 min
Response: 165017774
Conc: 54.83 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: -0.002 min
Response: 517931396
Conc: 41.61 ng/ml m



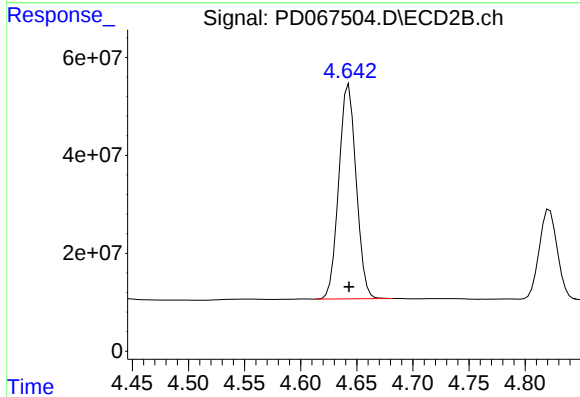
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.006 min
Response: 149998305
Conc: 53.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

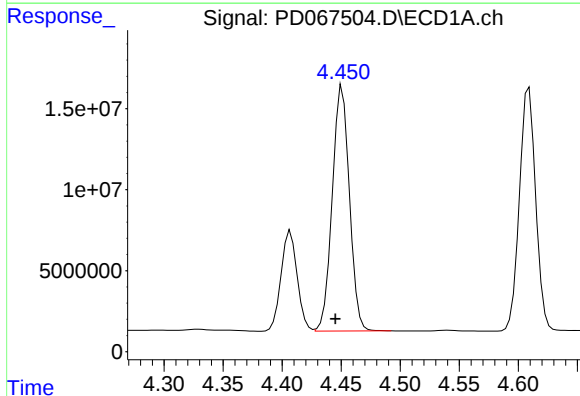
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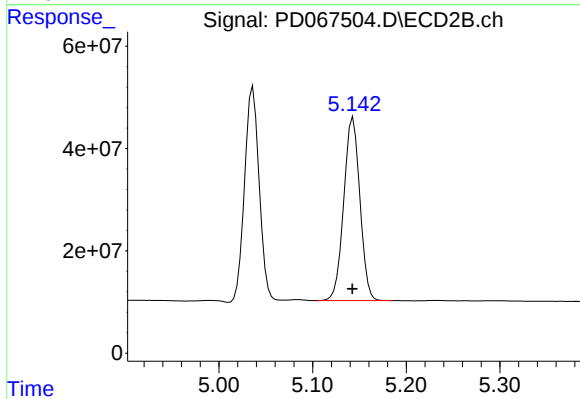
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 472800511
Conc: 43.30 ng/ml



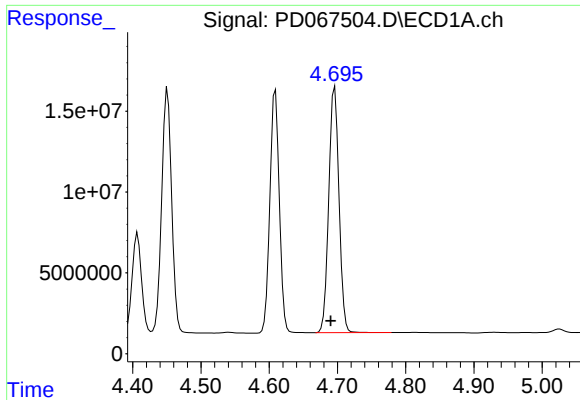
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: 0.006 min
Response: 152967012
Conc: 53.31 ng/ml



#4 Heptachlor

R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 429604872
Conc: 46.19 ng/ml



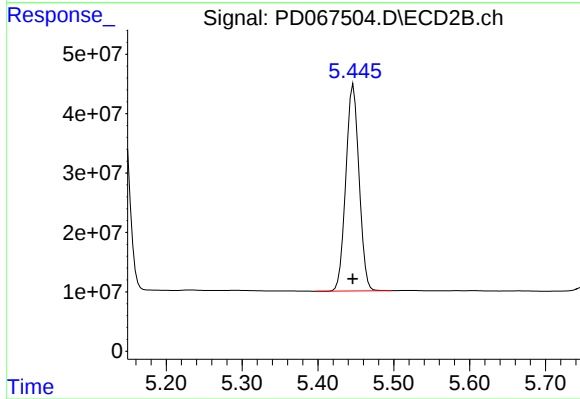
#5 Aldrin

R.T.: 4.696 min
Delta R.T.: 0.006 min
Response: 158448306
Conc: 56.70 ng/ml

Instrument :
ECD_D
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PSTDCCC050

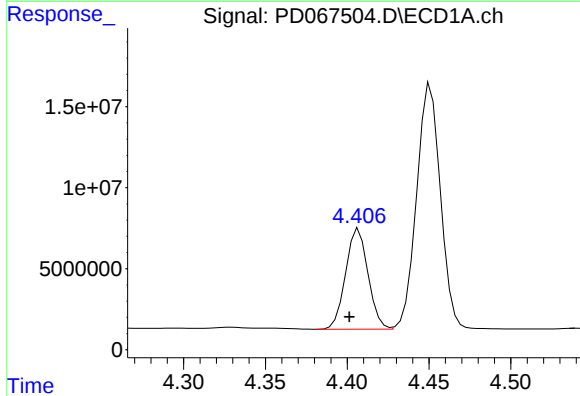
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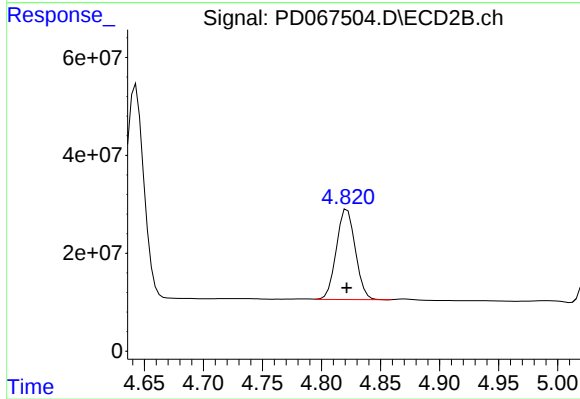
#5 Aldrin

R.T.: 5.447 min
Delta R.T.: 0.001 min
Response: 421878658
Conc: 50.38 ng/ml



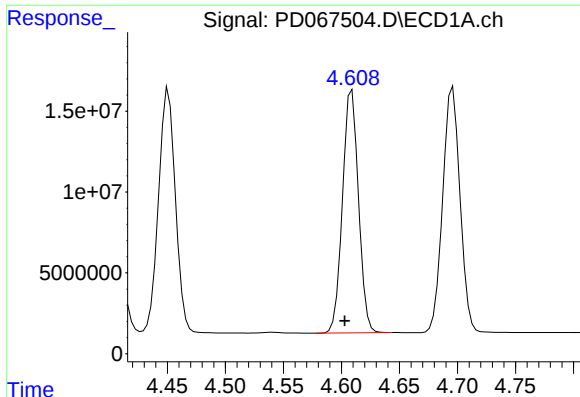
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.006 min
Response: 58847910
Conc: 47.67 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 205828129
Conc: 43.73 ng/ml



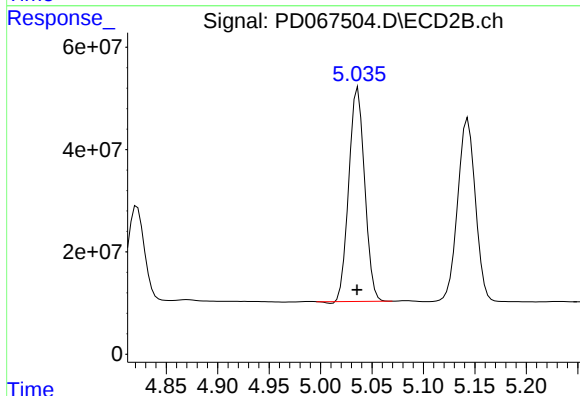
#7 delta-BHC

R.T.: 4.609 min
Delta R.T.: 0.006 min
Response: 144003583
Conc: 53.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

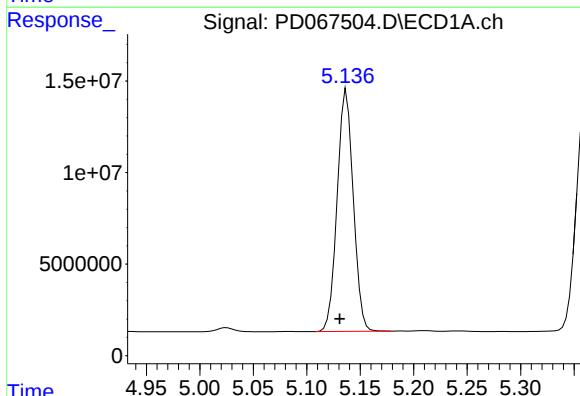
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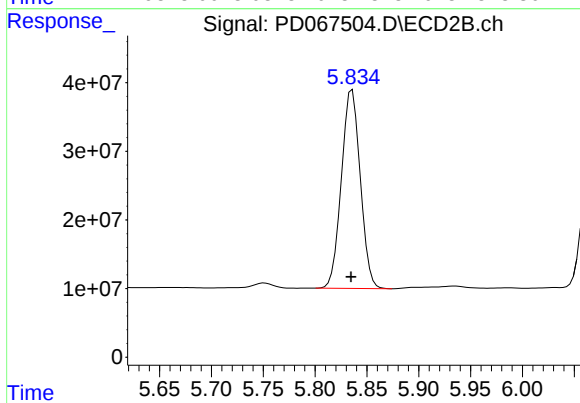
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 447271001
Conc: 46.96 ng/ml



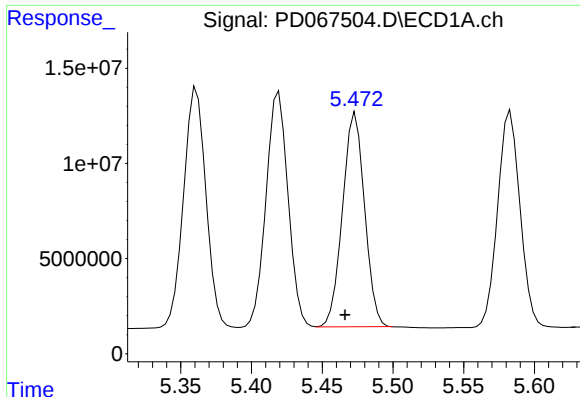
#8 Heptachlor epoxide

R.T.: 5.137 min
Delta R.T.: 0.007 min
Response: 138585522
Conc: 54.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 367032638
Conc: 56.08 ng/ml



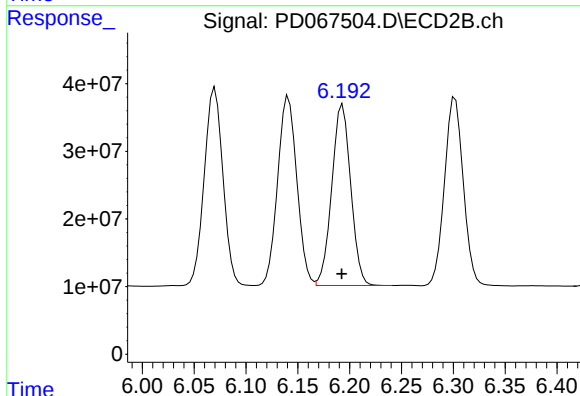
#9 Endosulfan I

R.T.: 5.472 min
Delta R.T.: 0.006 min
Response: 122265294
Conc: 53.42 ng/ml

Instrument :
ECD_D
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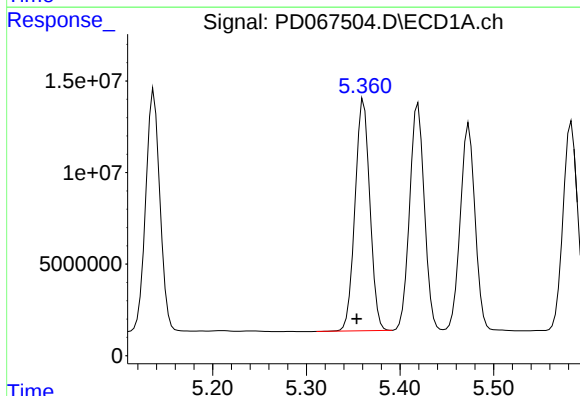
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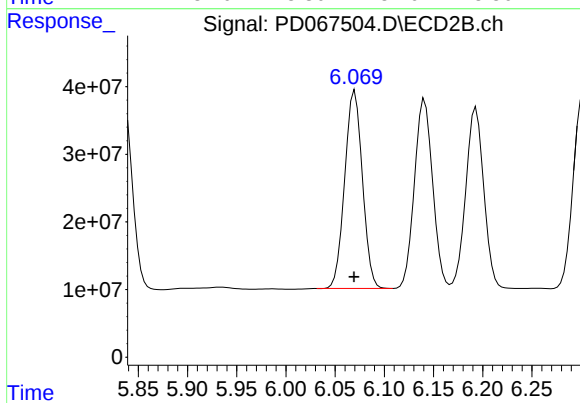
#9 Endosulfan I

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 340629395
Conc: 49.49 ng/ml



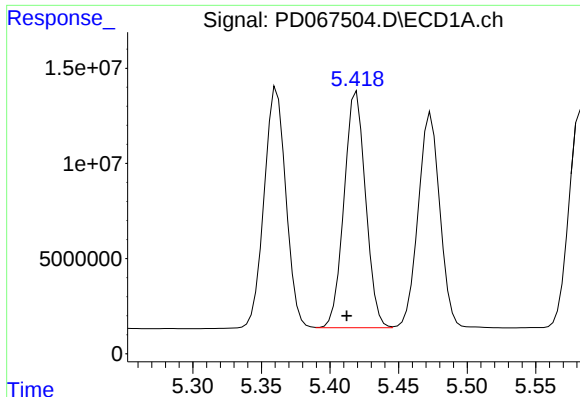
#10 gamma-Chlordane

R.T.: 5.361 min
Delta R.T.: 0.008 min
Response: 139222383
Conc: 54.63 ng/ml



#10 gamma-Chlordane

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 366441234
Conc: 50.36 ng/ml



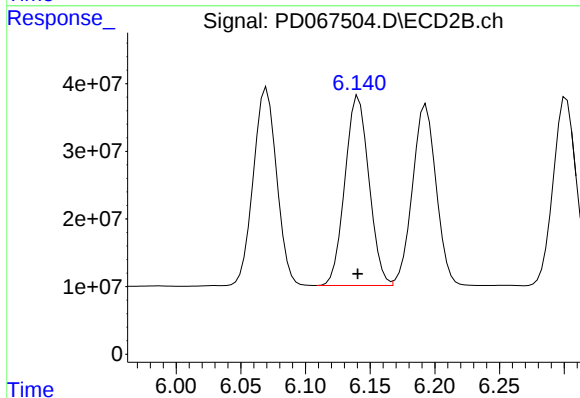
#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: 0.006 min
Response: 135758052
Conc: 54.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

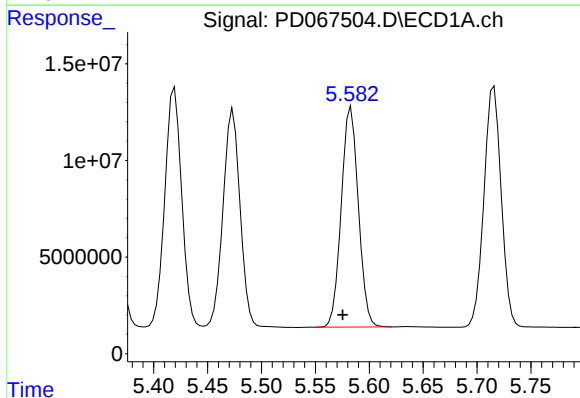
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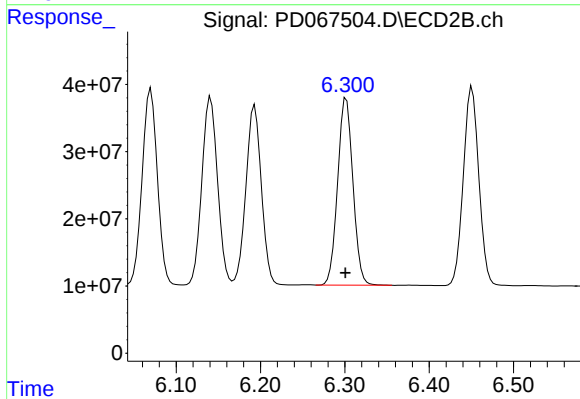
#11 alpha-Chlordane

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 361846689
Conc: 50.18 ng/ml



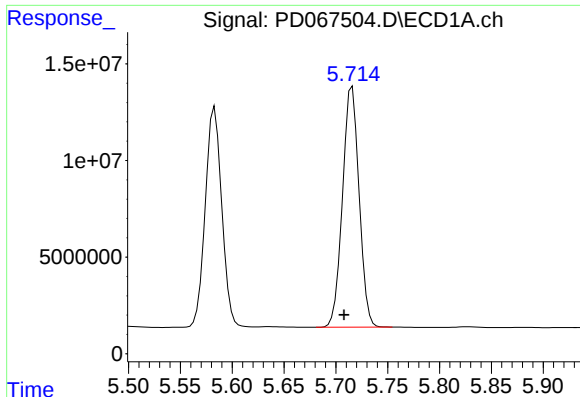
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: 0.008 min
Response: 125781343
Conc: 54.79 ng/ml



#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 351064341
Conc: 52.29 ng/ml



#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.008 min
Response: 138685240
Conc: 56.68 ng/ml

Instrument :

ECD_D

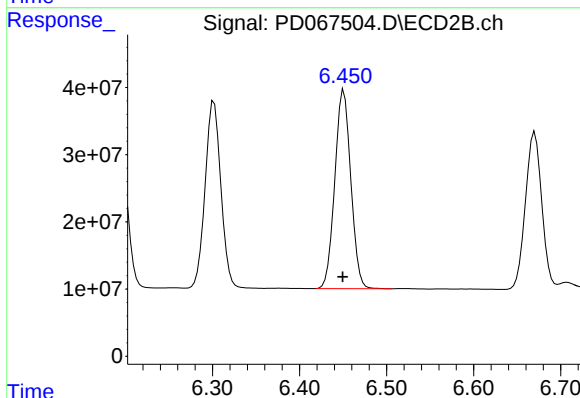
ClientSampleId :

PSTDCCC050

Manual Integrations

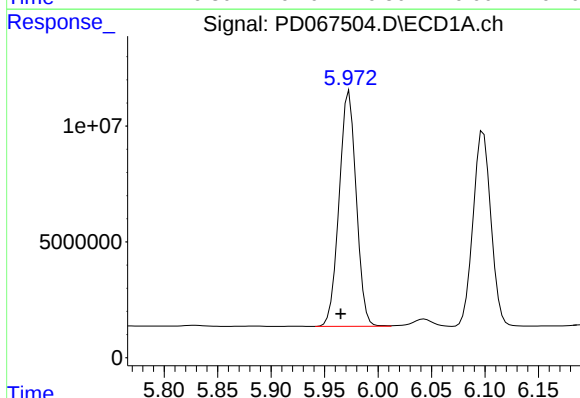
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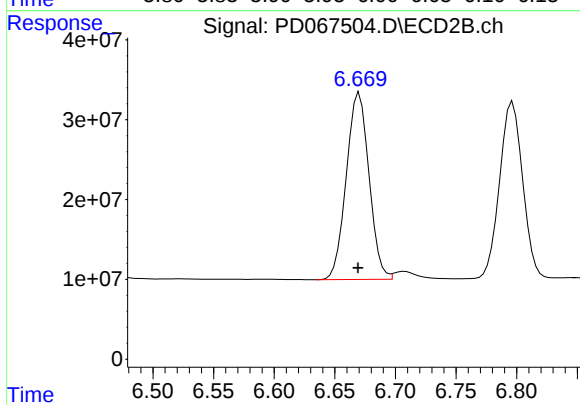
#13 Dieldrin

R.T.: 6.451 min
Delta R.T.: 0.001 min
Response: 378124582
Conc: 53.54 ng/ml



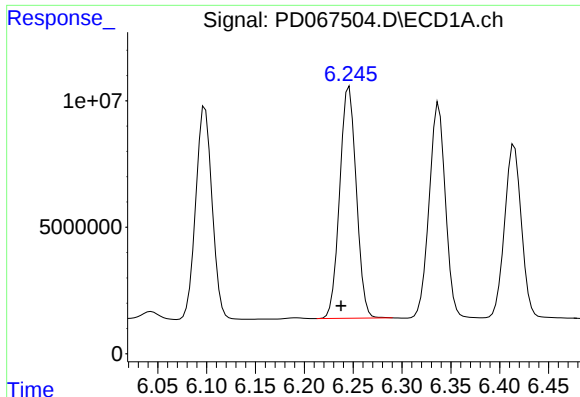
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.008 min
Response: 113124951
Conc: 52.26 ng/ml



#14 Endrin

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 305054468
Conc: 50.65 ng/ml



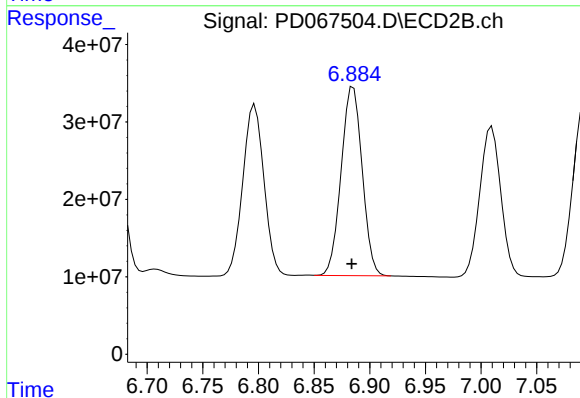
#15 Endosulfan II

R.T.: 6.246 min
Delta R.T.: 0.008 min
Response: 108404926
Conc: 55.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

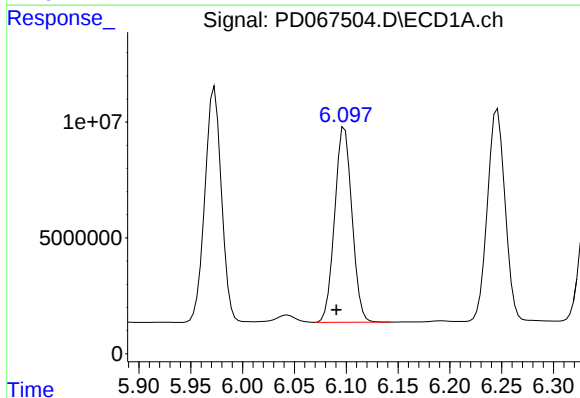
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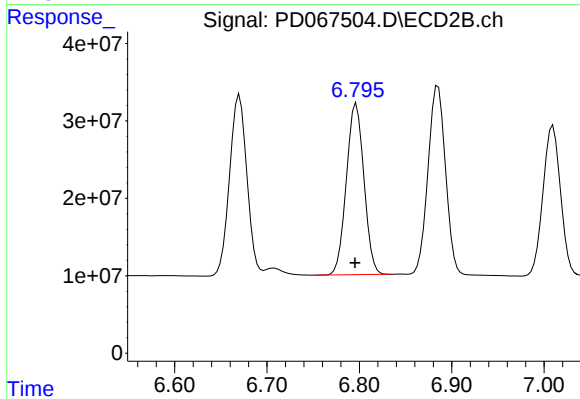
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 321025369
Conc: 56.87 ng/ml m



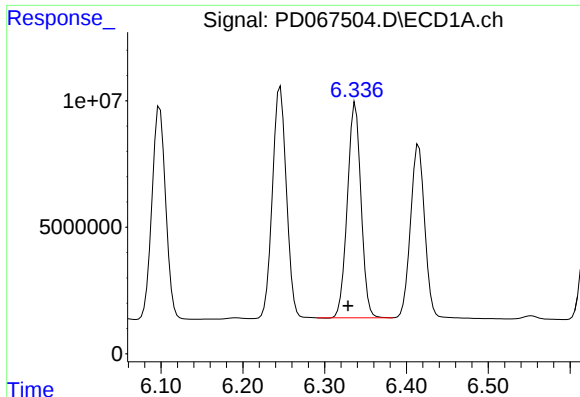
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.008 min
Response: 97800055
Conc: 55.17 ng/ml



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 292210056
Conc: 54.27 ng/ml



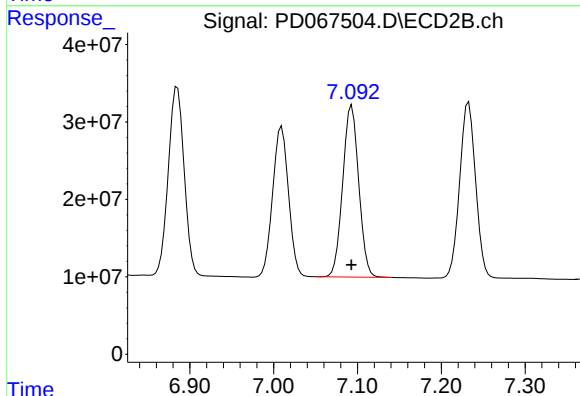
#17 4,4'-DDT

R.T.: 6.338 min
Delta R.T.: 0.009 min
Response: 97871692
Conc: 53.23 ng/ml

Instrument :
ECD_D
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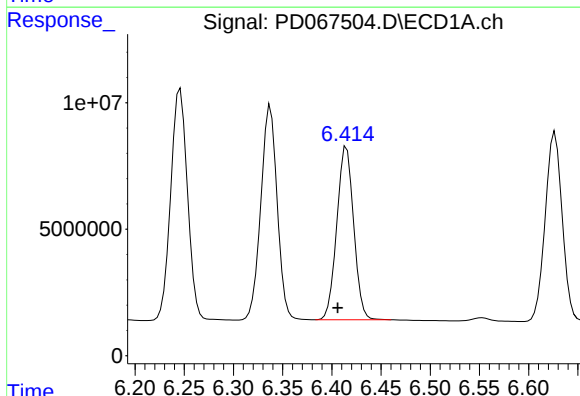
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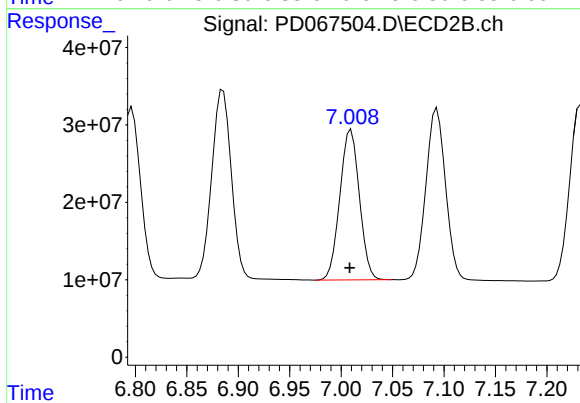
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 295093861
Conc: 53.99 ng/ml



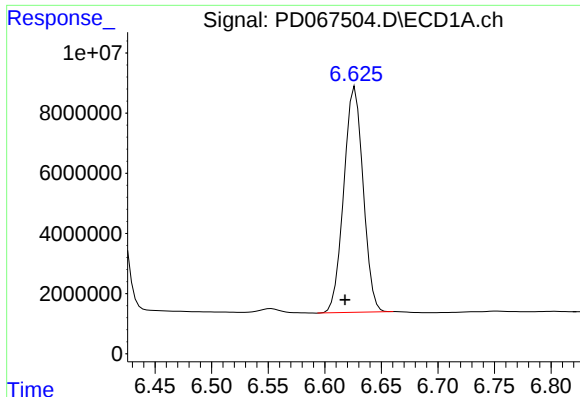
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.009 min
Response: 81683932
Conc: 56.43 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: 0.001 min
Response: 256756381
Conc: 59.24 ng/ml



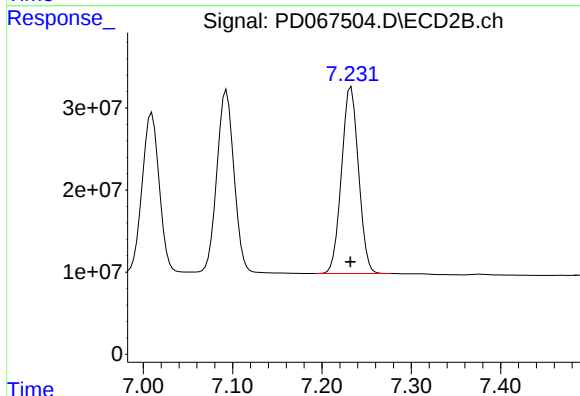
#19 Endosulfan Sulfate

R.T.: 6.627 min
Delta R.T.: 0.009 min
Response: 89176685
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

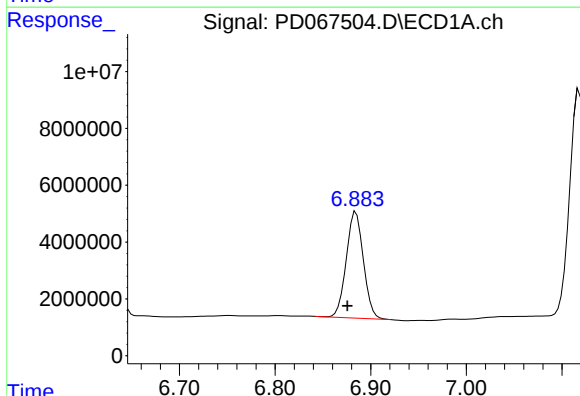
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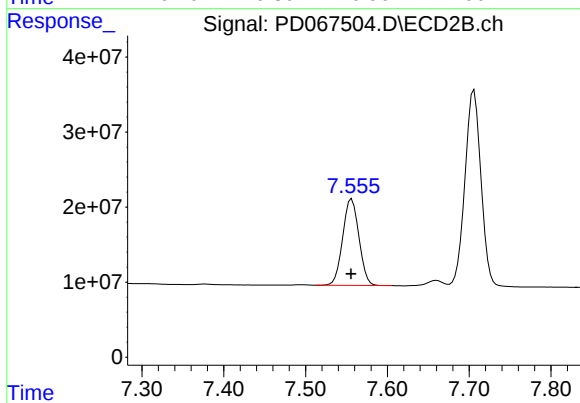
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 300518655
Conc: 55.04 ng/ml



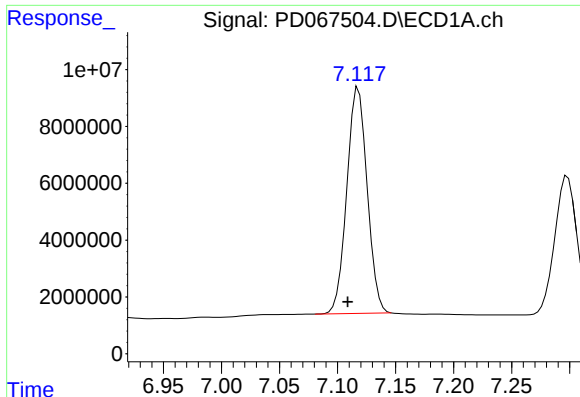
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.009 min
Response: 46710087
Conc: 48.27 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 158425030
Conc: 54.38 ng/ml



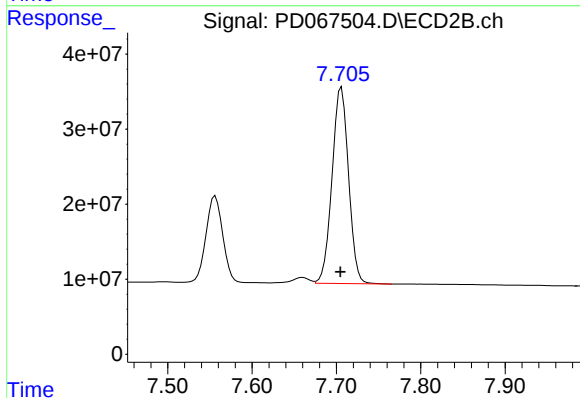
#21 Endrin ketone

R.T.: 7.118 min
Delta R.T.: 0.009 min
Response: 97127606
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

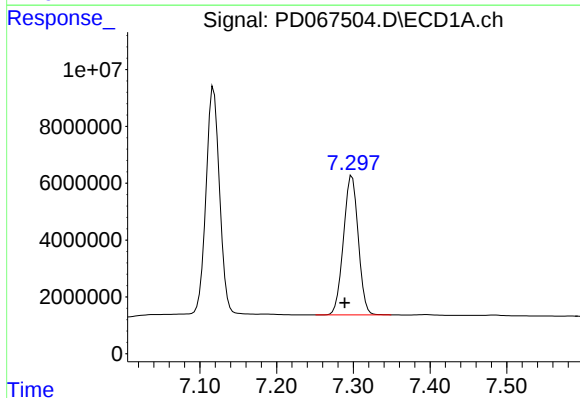
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
Supervised By :mohammad ahmed 12/29/2021



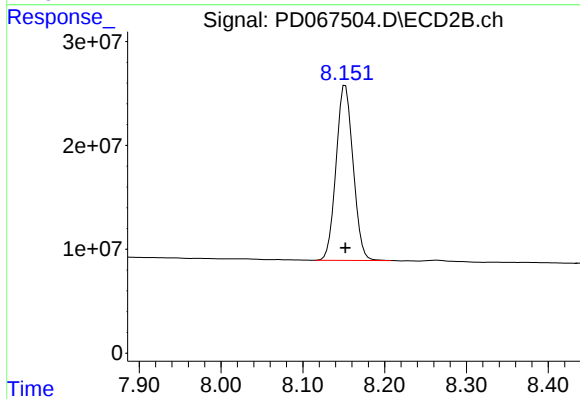
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.002 min
Response: 355664844
Conc: 57.56 ng/ml



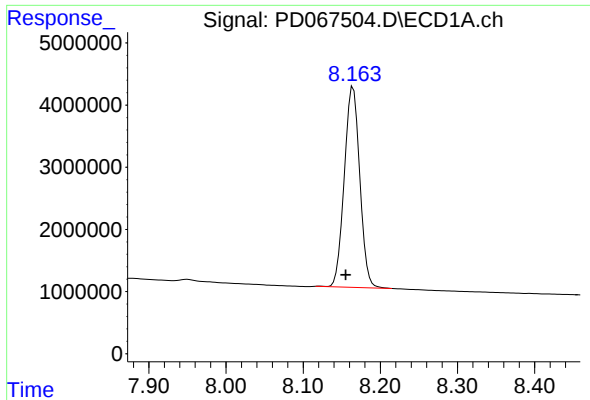
#22 Mirex

R.T.: 7.298 min
Delta R.T.: 0.009 min
Response: 65843287
Conc: 47.92 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 242633750
Conc: 55.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: 0.010 min
Response: 44801841
Conc: 48.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

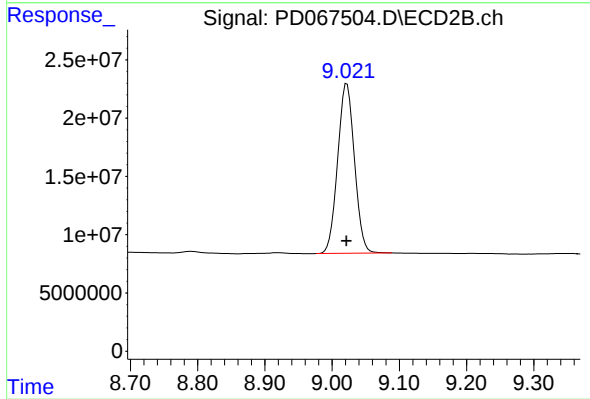
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 251966824
Conc: 56.68 ng/ml