

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 12:22
 Operator : AR\AJ
 Sample : M4386-21DL2 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2021
 Supervised By :Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:54:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 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...	3.436	3.967	2307456	16780036	1.117	2.312 #
28)	SA Decachlor...	8.159	9.021	1564933	6361494	1.381m	1.265
Target Compounds							
2)	A alpha-BHC	3.873	4.360	169.9E6	496.9E6	50.580	47.749
3)	MA gamma-BHC...	4.155	4.645	139.7E6	406.9E6	43.476	42.693
4)	MA Heptachlor	4.448	5.145	104.0E6	284.9E6	31.954	31.653
5)	MB Aldrin	4.693	5.449	180.3E6	467.4E6	56.613	55.608
6)	B beta-BHC	4.403	4.822	69589930	223.8E6	50.982	50.767
7)	B delta-BHC	4.605	5.037	119.8E6	358.7E6	40.061	39.086
8)	B Heptachlo...	5.133	5.838	141.3E6	351.9E6	49.037	50.195
9)	A Endosulfan I	5.469	6.195	74666002	200.4E6	28.635	28.806
10)	B gamma-Chl...	5.357	6.071	158.8E6	390.1E6	54.595	53.003
11)	B alpha-Chl...	5.416	6.143	134.2E6	336.8E6	47.251	46.238
12)	B 4,4'-DDE	5.579	6.303	142.5E6	363.6E6	53.109	52.543
13)	MA Dieldrin	5.712	6.452	159.5E6	390.9E6	57.056	53.297
14)	MA Endrin	5.968	6.671	44176508	116.6E6	19.348	20.763
15)	B Endosulfa...	6.241	6.885	65362280	177.4E6	29.176	29.552
16)	A 4,4'-DDD	6.094	6.797	73936594	204.2E6	35.182	34.917
17)	MA 4,4'-DDT	6.332	7.095	37089017	121.0E6	17.529	20.265
18)	B Endrin al...	6.410	7.010	21543951	60293084	12.883	12.857
19)	B Endosulfa...	6.621	7.233	21401114	67421368	10.552	11.230
20)	A Methoxychlor	6.880	7.557	22116610	66410317	19.939	20.618
21)	B Endrin ke...	7.114	7.706	80400573	259.3E6	35.487	35.852

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
Data File : PD067154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Nov 2021 12:22
Operator : AR\AJ
Sample : M4386-21DL2 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

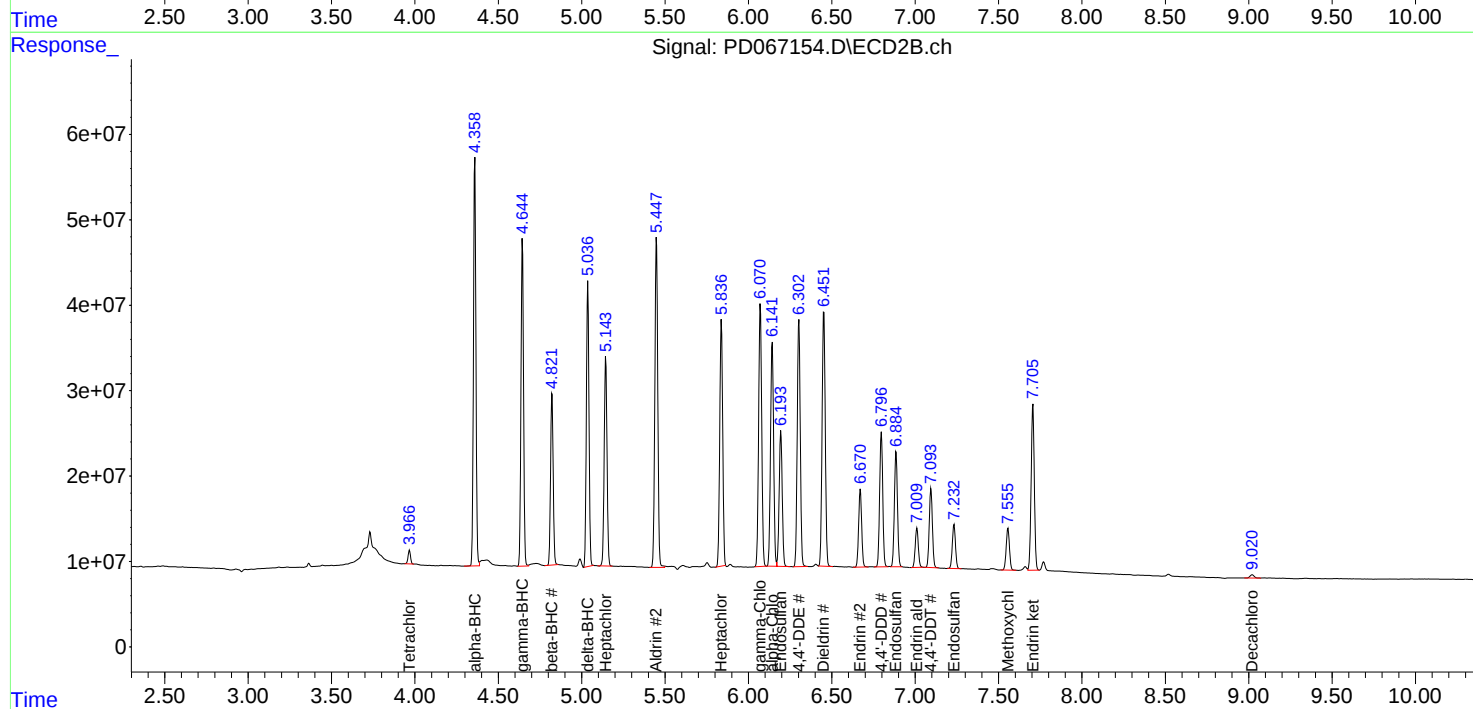
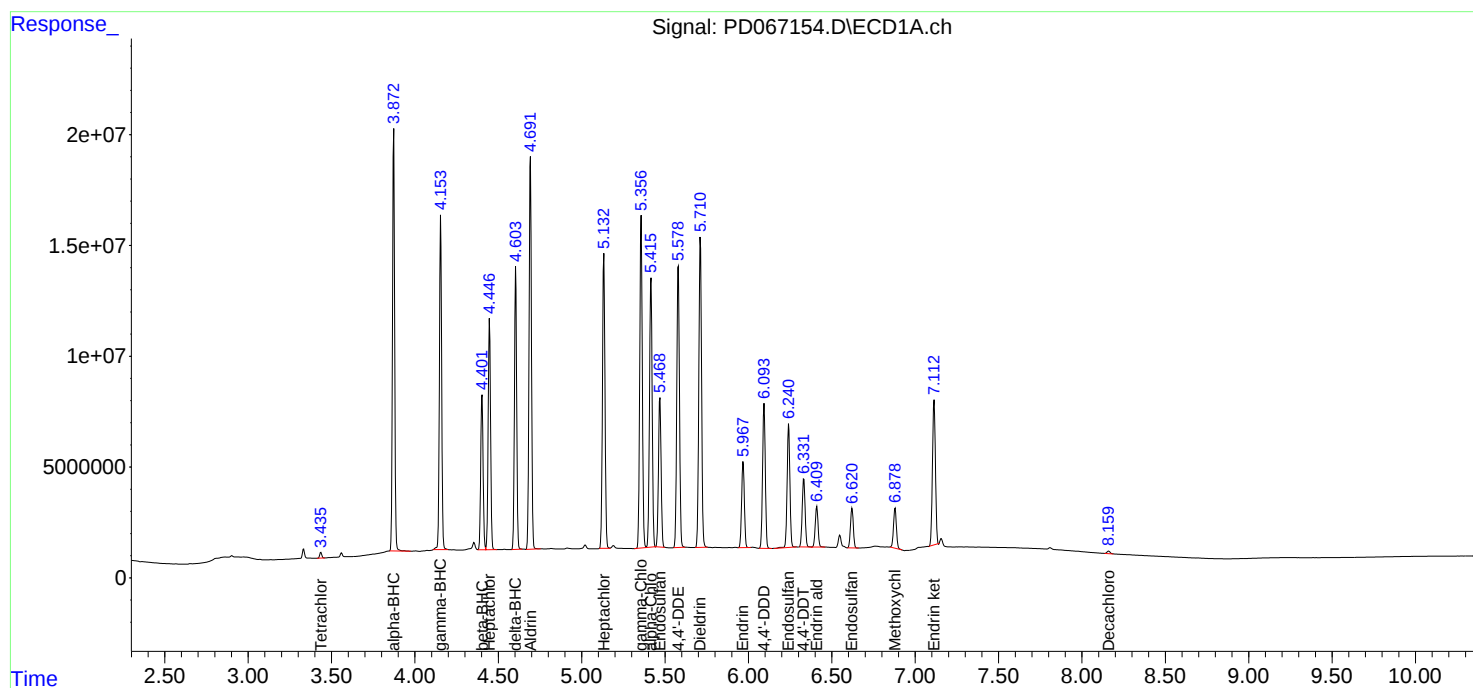
Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

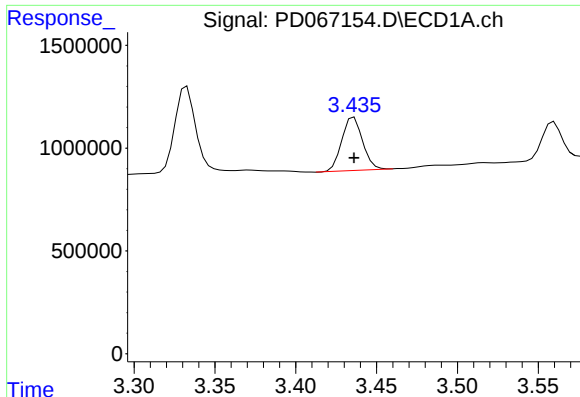
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/01/2021
Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 11:54:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 17:33:19 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 2307456
Conc: 1.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

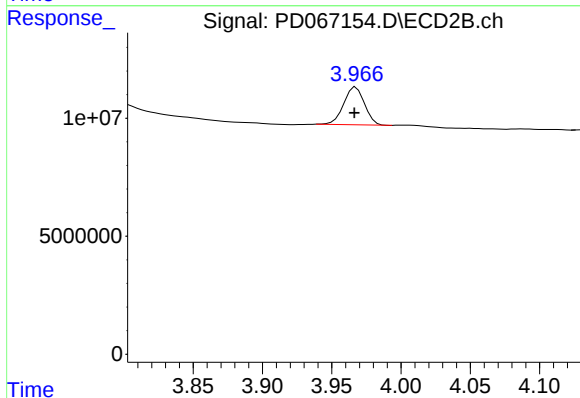
PT-PEST-SOILDL2

Manual Integrations

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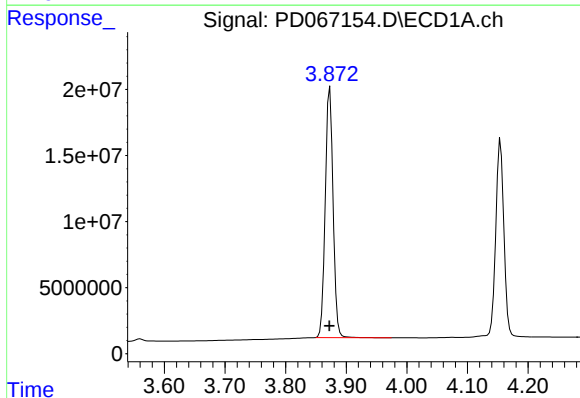
Reviewed By :Abdul Mirza 12/01/2021

Supervised By :Ankita Jodhani 12/02/2021



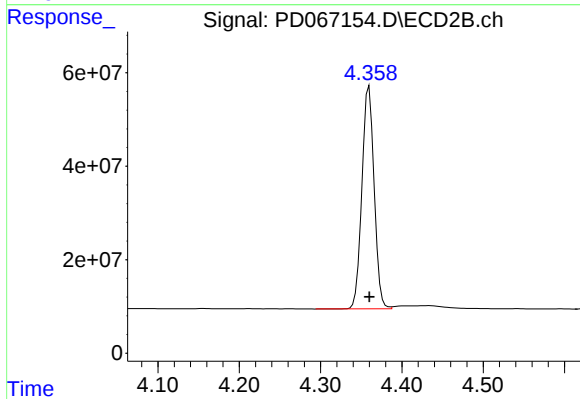
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.001 min
Response: 16780036
Conc: 2.31 ng/ml



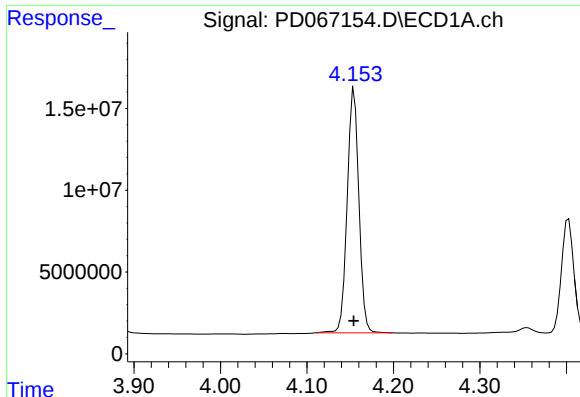
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 169899551
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 496905227
Conc: 47.75 ng/ml



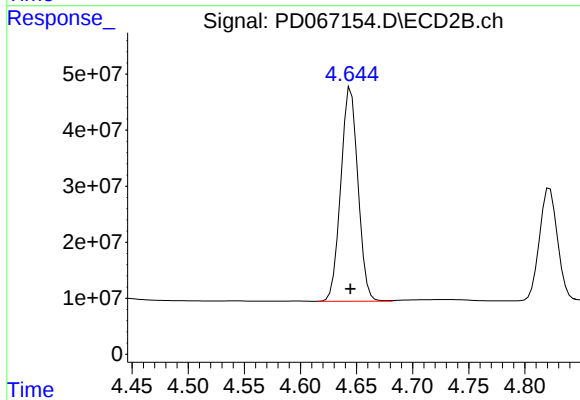
#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 139714701
Conc: 43.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

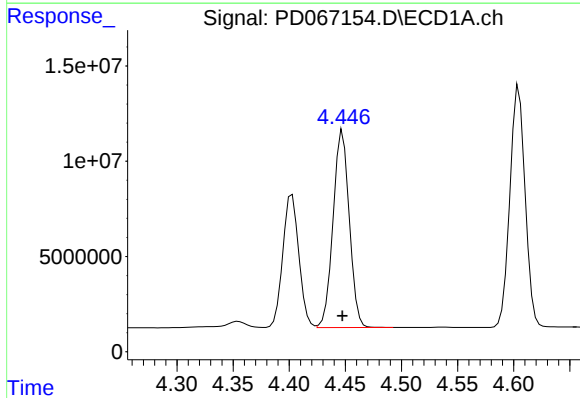
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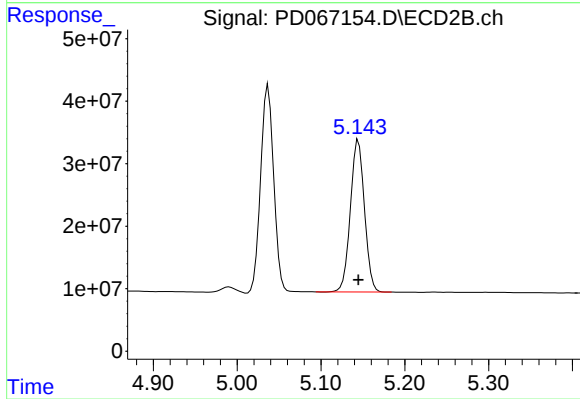
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 406853669
Conc: 42.69 ng/ml



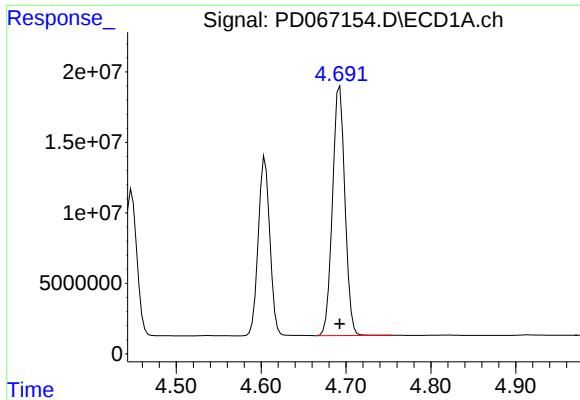
#4 Heptachlor

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 103959622
Conc: 31.95 ng/ml



#4 Heptachlor

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 284907529
Conc: 31.65 ng/ml



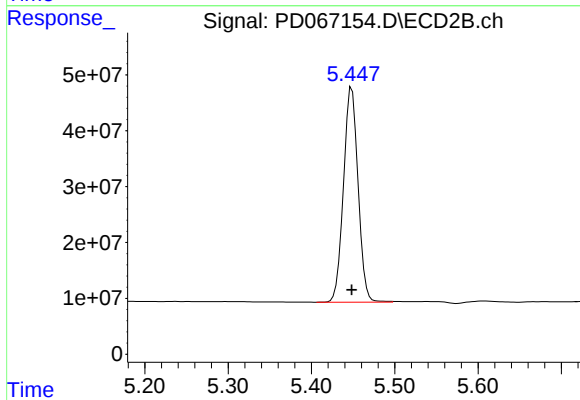
#5 Aldrin

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 180274913
Conc: 56.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

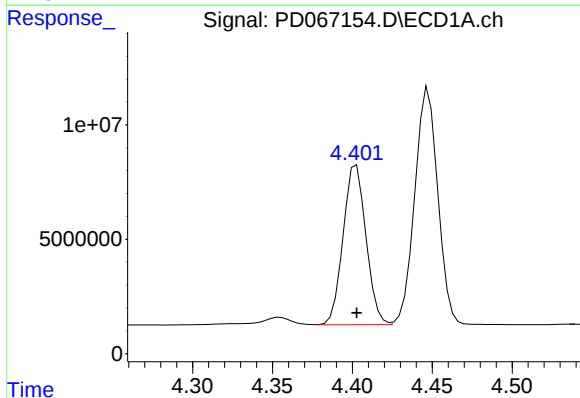
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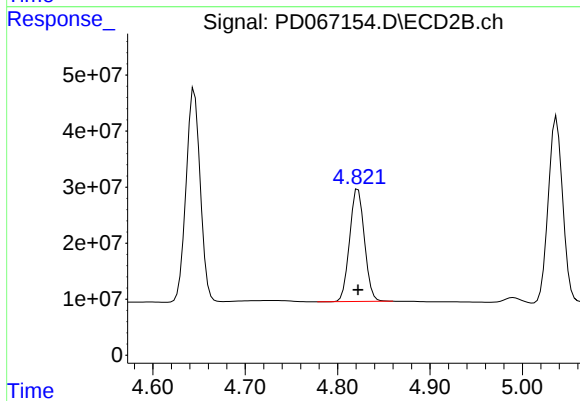
#5 Aldrin

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 467443969
Conc: 55.61 ng/ml



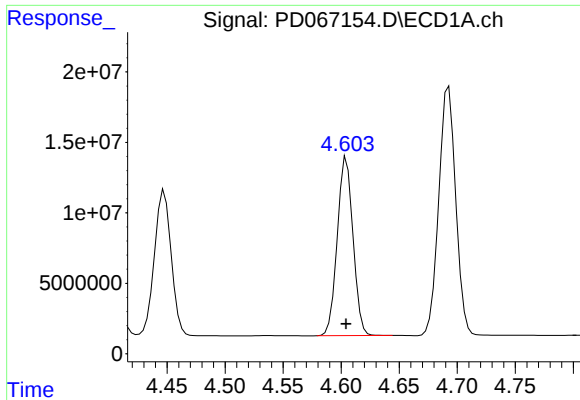
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 69589930
Conc: 50.98 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 223790754
Conc: 50.77 ng/ml



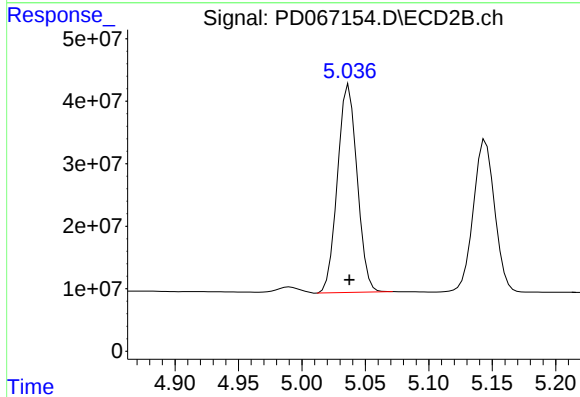
#7 delta-BHC

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 119803043
Conc: 40.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

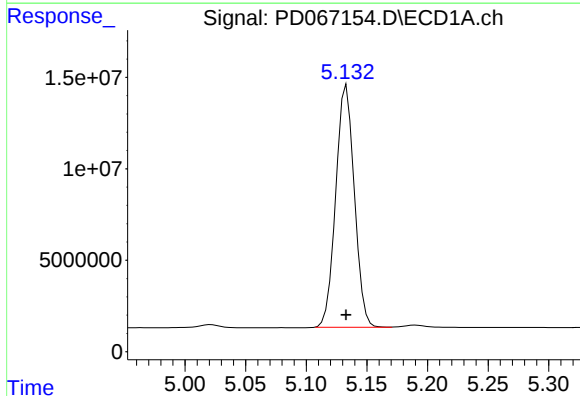
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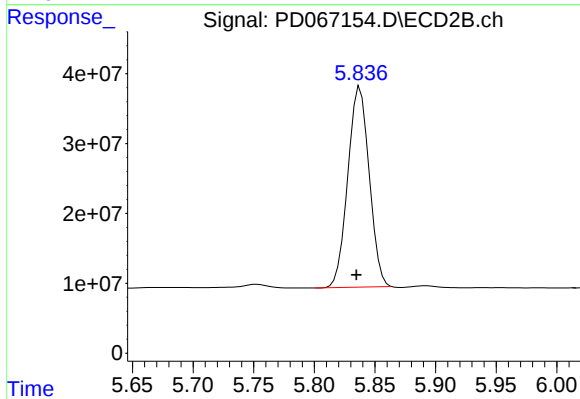
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 358700388
Conc: 39.09 ng/ml



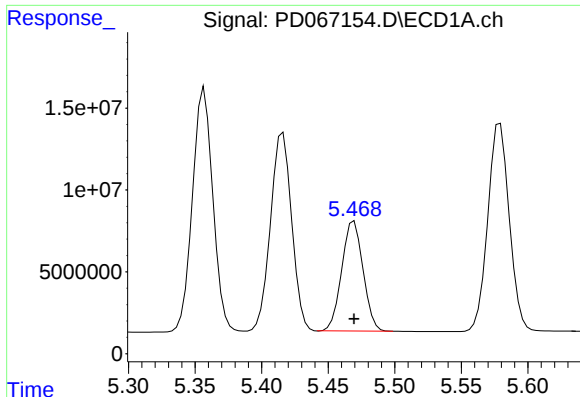
#8 Heptachlor epoxide

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 141257773
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 5.838 min
Delta R.T.: 0.003 min
Response: 351947340
Conc: 50.19 ng/ml



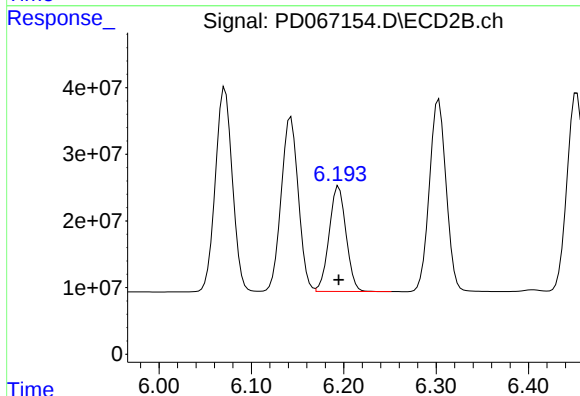
#9 Endosulfan I

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 74666002
Conc: 28.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

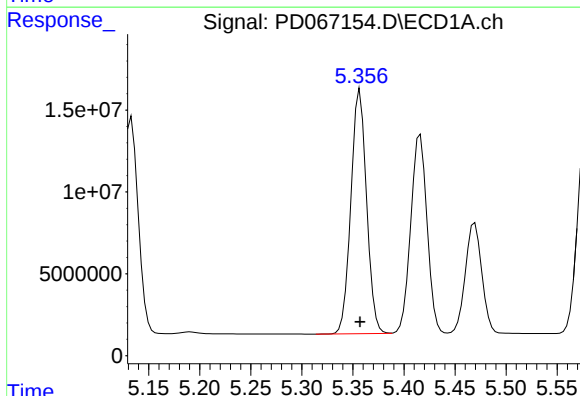
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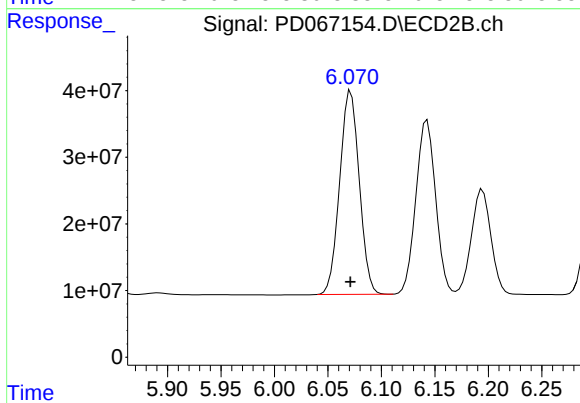
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 200413973
Conc: 28.81 ng/ml



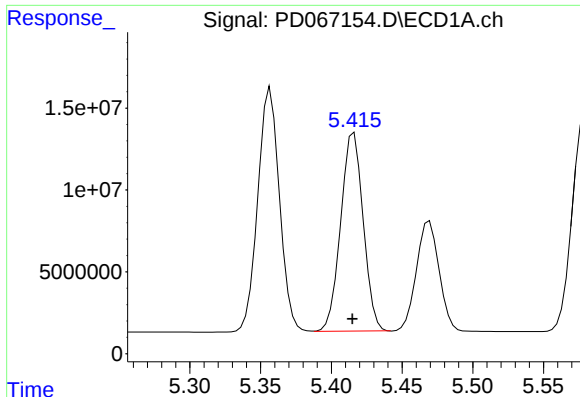
#10 gamma-Chlordane

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 158779351
Conc: 54.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 390106076
Conc: 53.00 ng/ml



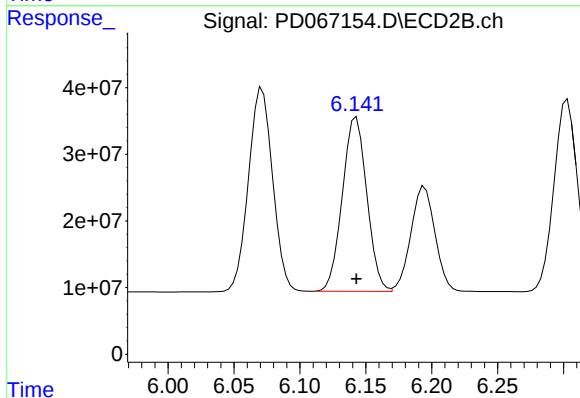
#11 alpha-Chlordane

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 134233944
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

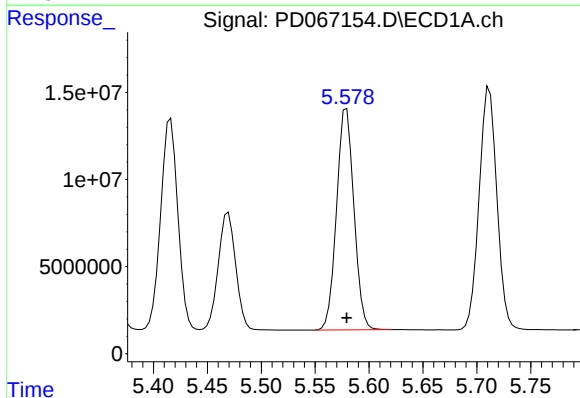
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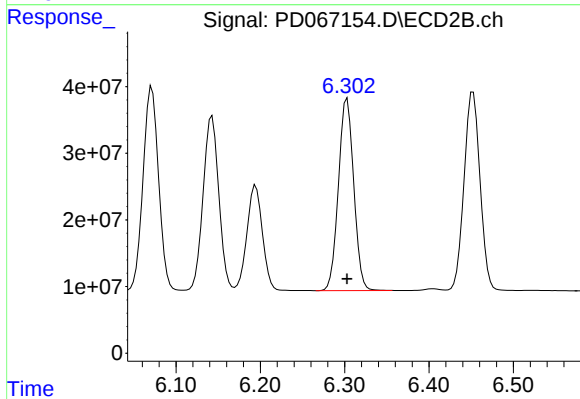
#11 alpha-Chlordane

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 336795725
Conc: 46.24 ng/ml



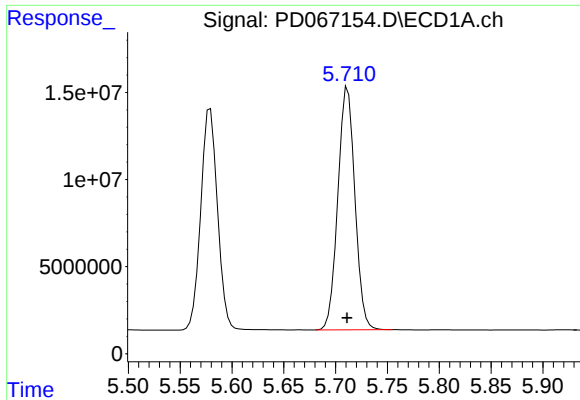
#12 4,4'-DDE

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 142520958
Conc: 53.11 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 363574393
Conc: 52.54 ng/ml



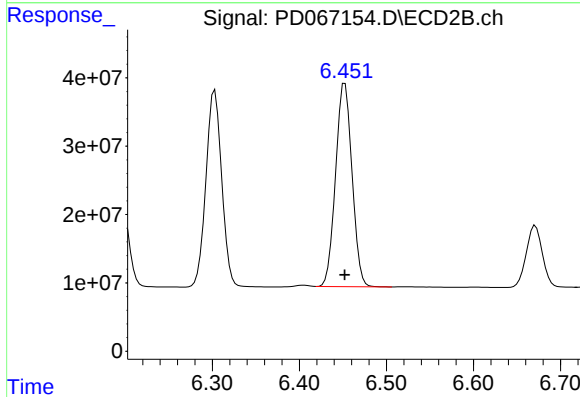
#13 Dieldrin

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 159488173
Conc: 57.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

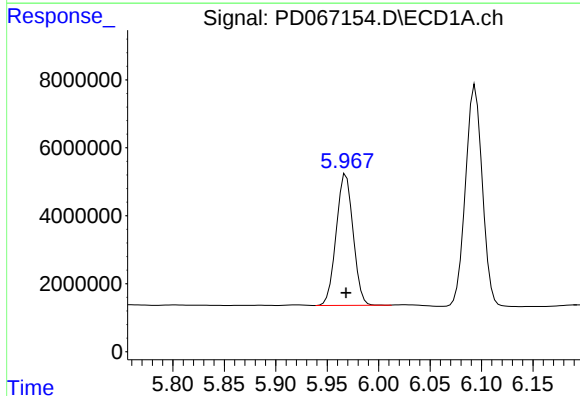
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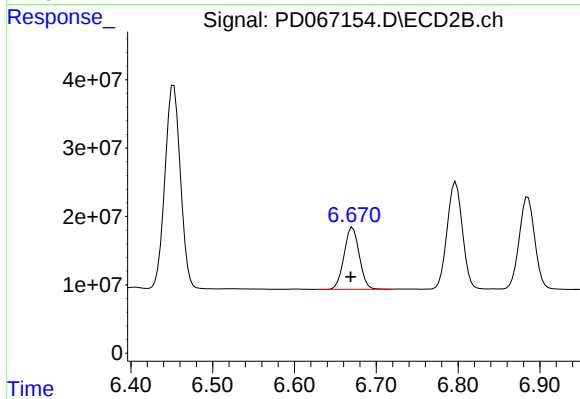
#13 Dieldrin

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 390858444
Conc: 53.30 ng/ml



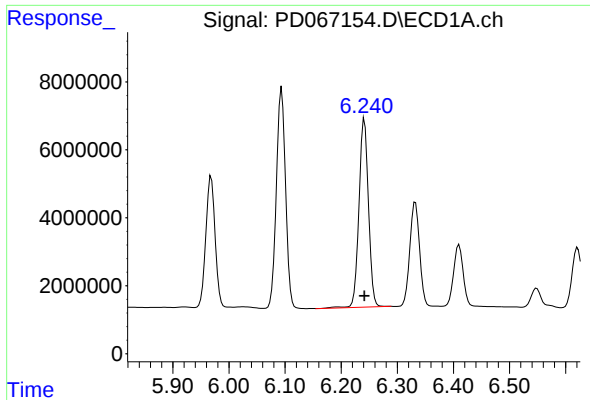
#14 Endrin

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 44176508
Conc: 19.35 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.002 min
Response: 116577206
Conc: 20.76 ng/ml



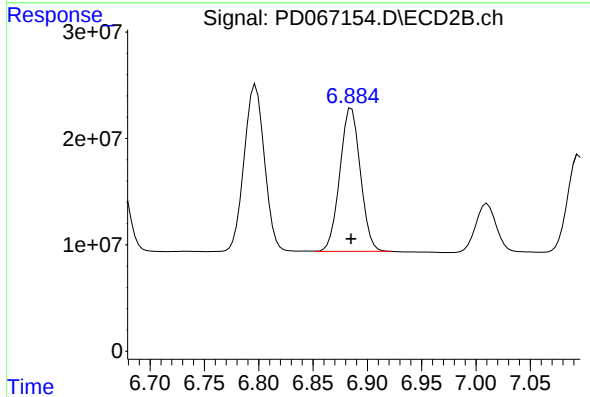
#15 Endosulfan II

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 65362280
Conc: 29.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

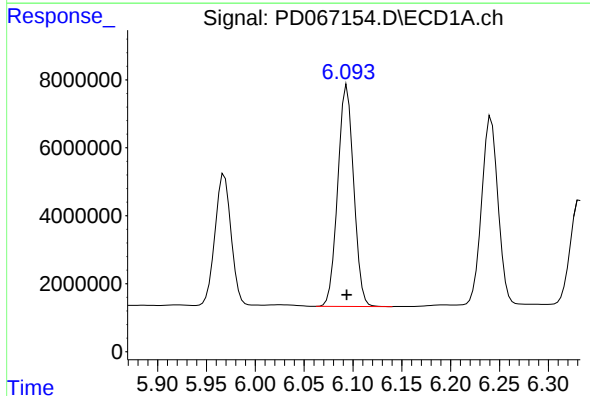
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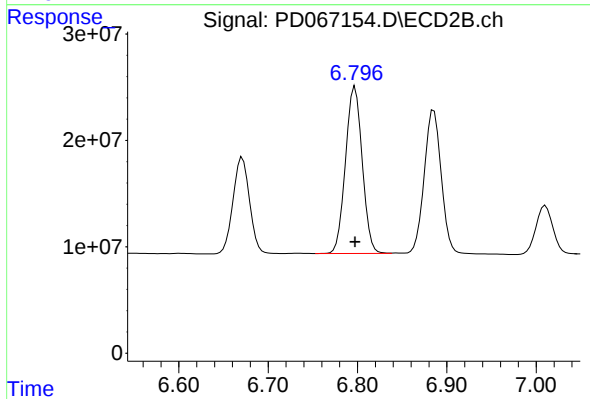
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 177372774
Conc: 29.55 ng/ml



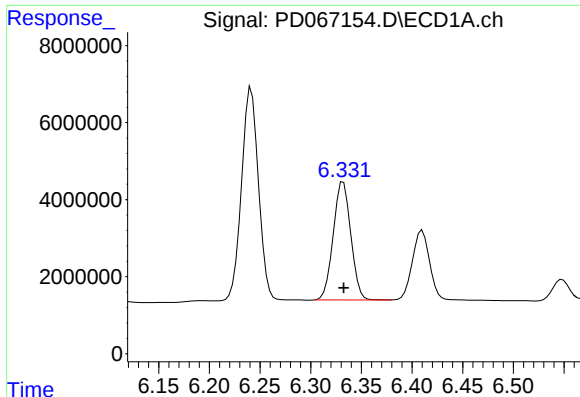
#16 4,4'-DDD

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 73936594
Conc: 35.18 ng/ml



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 204202961
Conc: 34.92 ng/ml



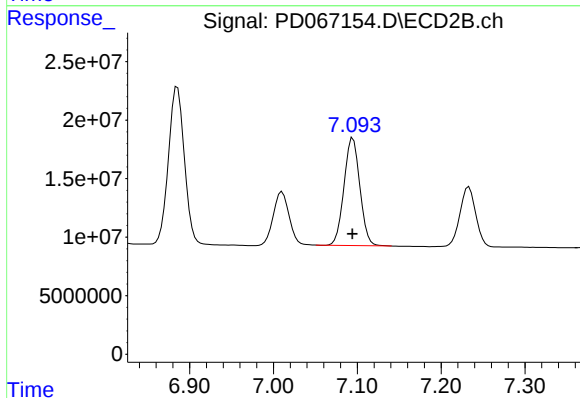
#17 4,4'-DDT

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 37089017
Conc: 17.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

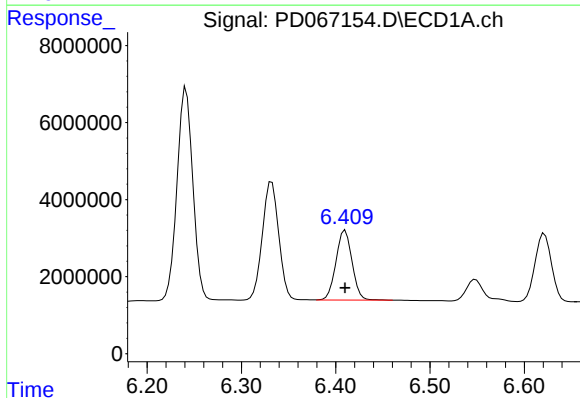
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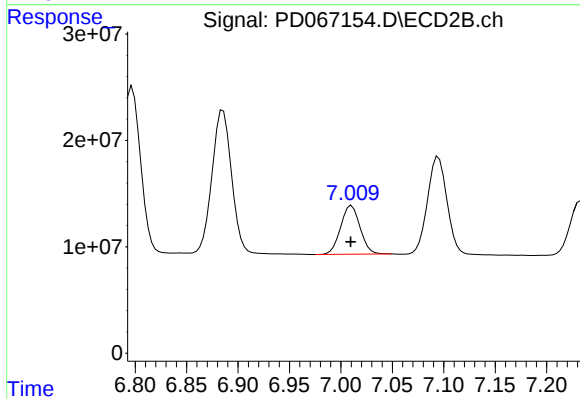
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 120951012
Conc: 20.27 ng/ml



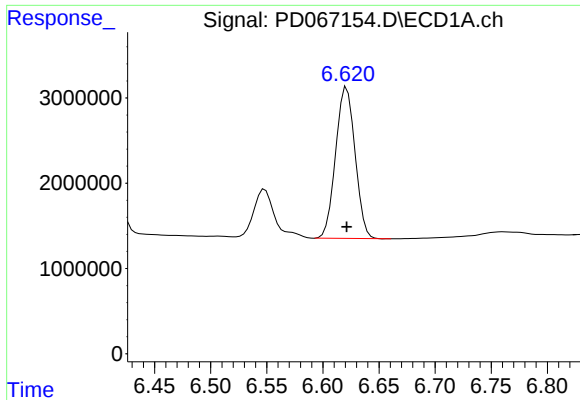
#18 Endrin aldehyde

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 21543951
Conc: 12.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 60293084
Conc: 12.86 ng/ml



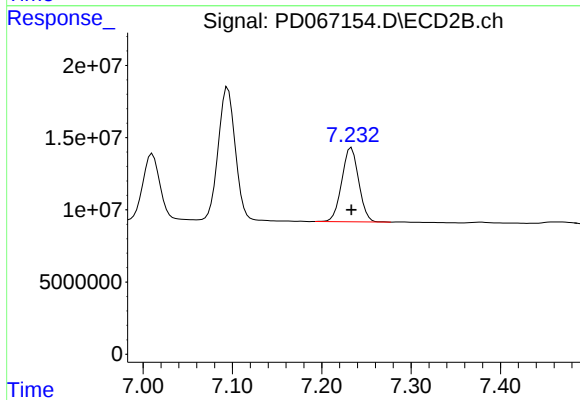
#19 Endosulfan Sulfate

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 21401114
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

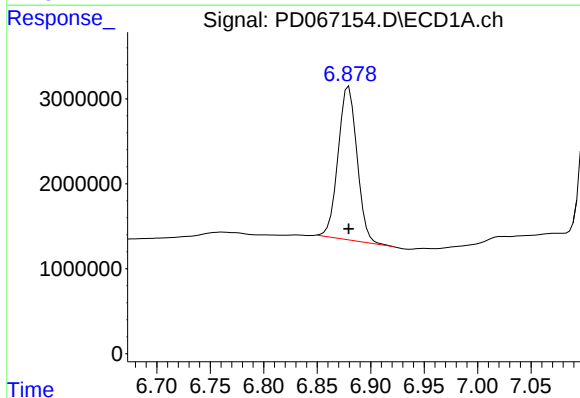
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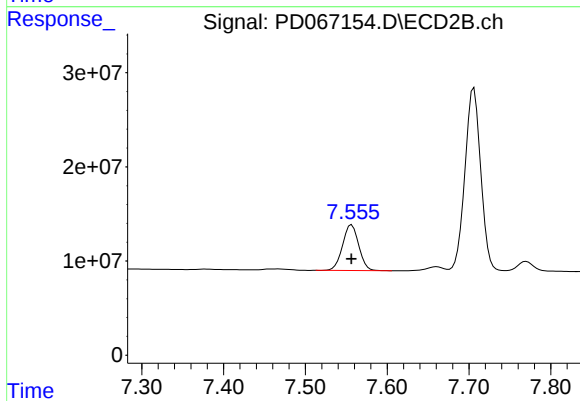
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 67421368
Conc: 11.23 ng/ml



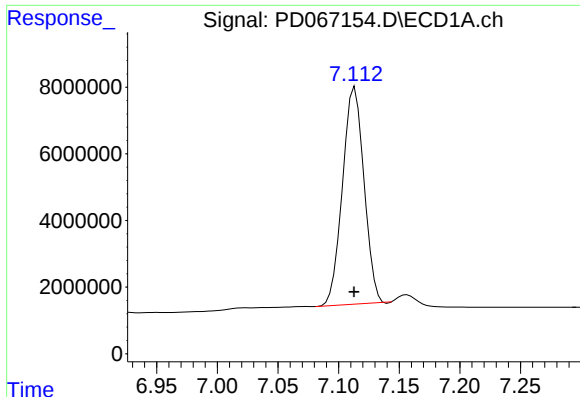
#20 Methoxychlor

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 22116610
Conc: 19.94 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 66410317
Conc: 20.62 ng/ml



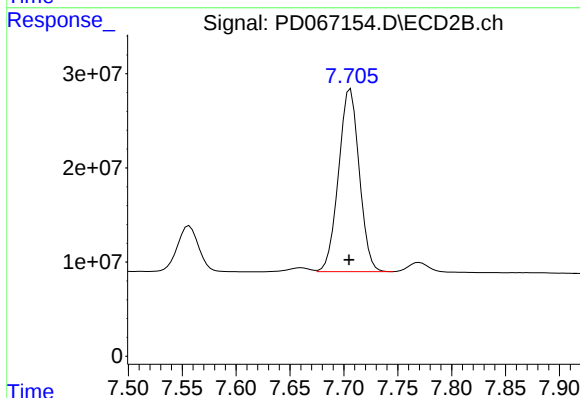
#21 Endrin ketone

R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 80400573
Conc: 35.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

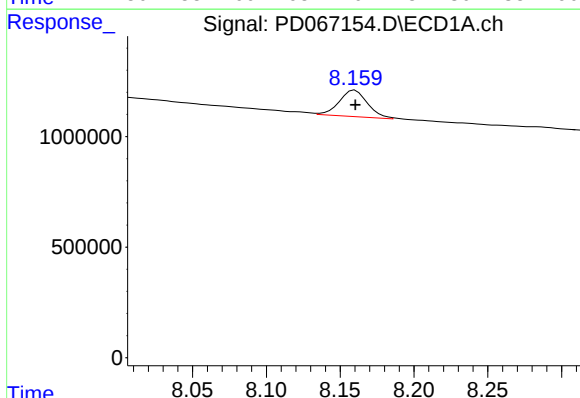
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2021
Supervised By :Ankita Jodhani 12/02/2021



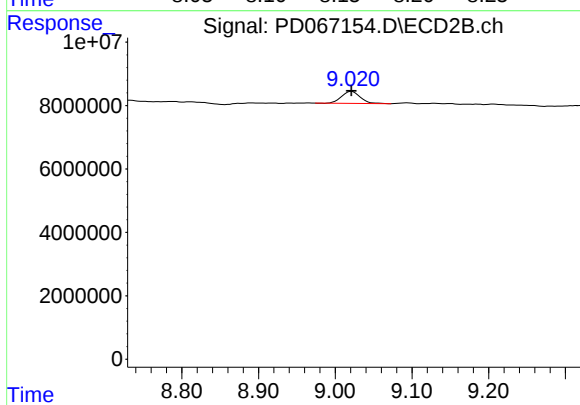
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.001 min
Response: 259289065
Conc: 35.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 1564933
Conc: 1.38 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 6361494
Conc: 1.27 ng/ml