

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032822\
 Data File : PD068809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 15:59
 Operator : AR\AJ
 Sample : N2123-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:32 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.447	4.173	19107319	167.5E6	15.737	17.515
28)	SA Decachlor...	8.205	9.370	25344073	110.3E6	20.061	19.456
Target Compounds							
2)	A alpha-BHC	3.886	4.567	79473333	510.0E6	43.894	37.057m
3)	MA gamma-BHC...	4.169	4.860	73033824	518.3E6	43.739	41.450
4)	MA Heptachlor	4.467	5.386	74077390	469.7E6	44.964	39.523m
5)	MB Aldrin	4.713	5.699	86155423	504.9E6	53.910m	43.986m
6)	B beta-BHC	4.419	5.020	33402173	117.0E6	44.862	21.306m#
7)	B delta-BHC	4.624	5.247	67653093	428.6E6	41.398	35.644m
8)	B Heptachlo...	5.159	6.088	69196721	446.4E6	46.270	42.751
9)	A Endosulfan I	5.498	6.451	25547450	196.0E6	18.258	20.898
10)	B gamma-Chl...	5.386	6.325	68555382	463.1E6	45.193	44.929
11)	B alpha-Chl...	5.444	6.399	67992883	439.4E6	45.491	44.138
12)	B 4,4'-DDE	5.609	6.549	65088624	401.3E6	47.577m	43.303
13)	MA Dieldrin	5.742	6.710	74764986	435.9E6	51.204	44.876
14)	MA Endrin	6.000	6.929	66320574	345.6E6	50.345	44.662
15)	B Endosulfa...	6.274	7.135	23278490	133.4E6	18.677	17.644
16)	A 4,4'-DDD	6.127	7.041	70652793	332.6E6	59.914	45.036
17)	MA 4,4'-DDT	6.369	7.344	51539698	323.3E6	42.879	44.004
18)	B Endrin al...	6.444	7.258	48063343	276.0E6	48.414	45.605
19)	B Endosulfa...	6.657	7.483	62415062	340.5E6	48.807	46.295
20)	A Methoxychlor	6.919	7.797	33022925	189.2E6	47.650	51.908
21)	B Endrin ke...	7.150	7.959	69210071	357.2E6	47.013	46.104
22)	Mirex	7.334	8.425	51527299	245.9E6	43.476	44.862

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032822\
 Data File : PD068809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 15:59
 Operator : AR\AJ
 Sample : N2123-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

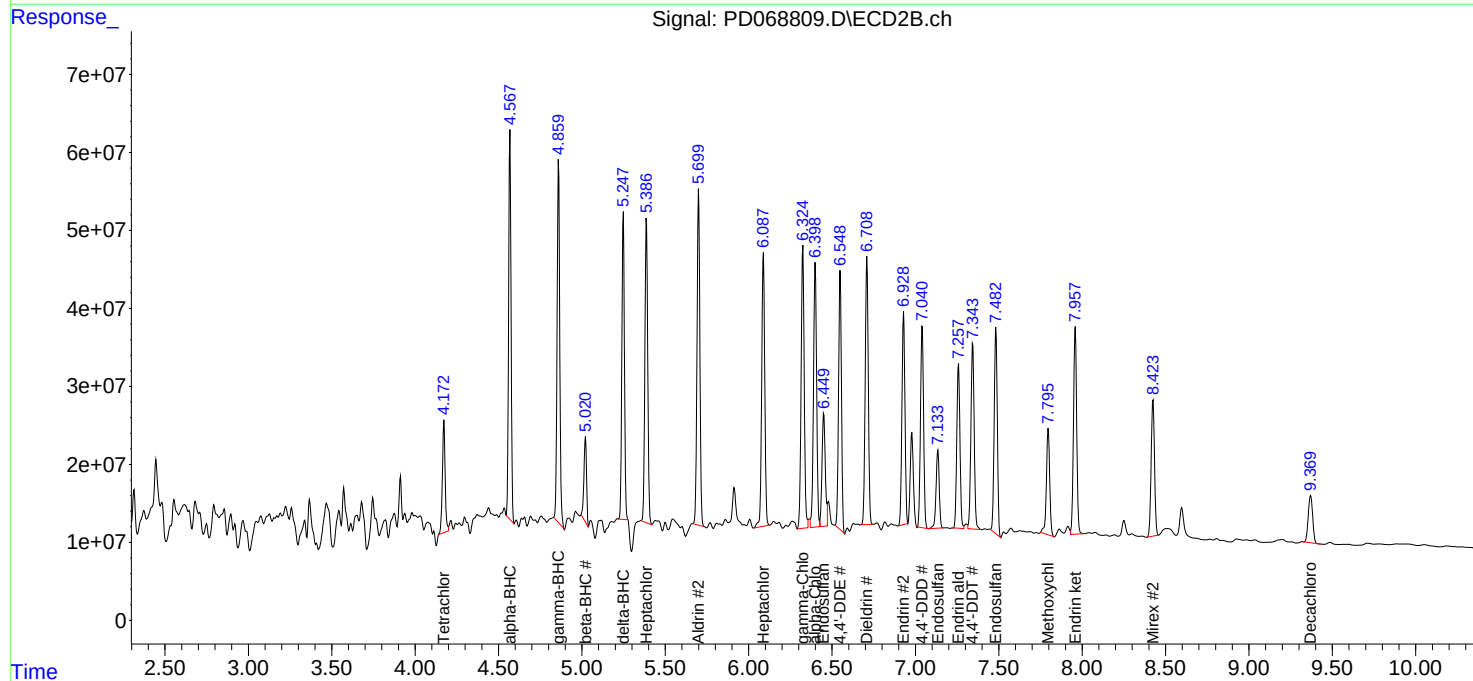
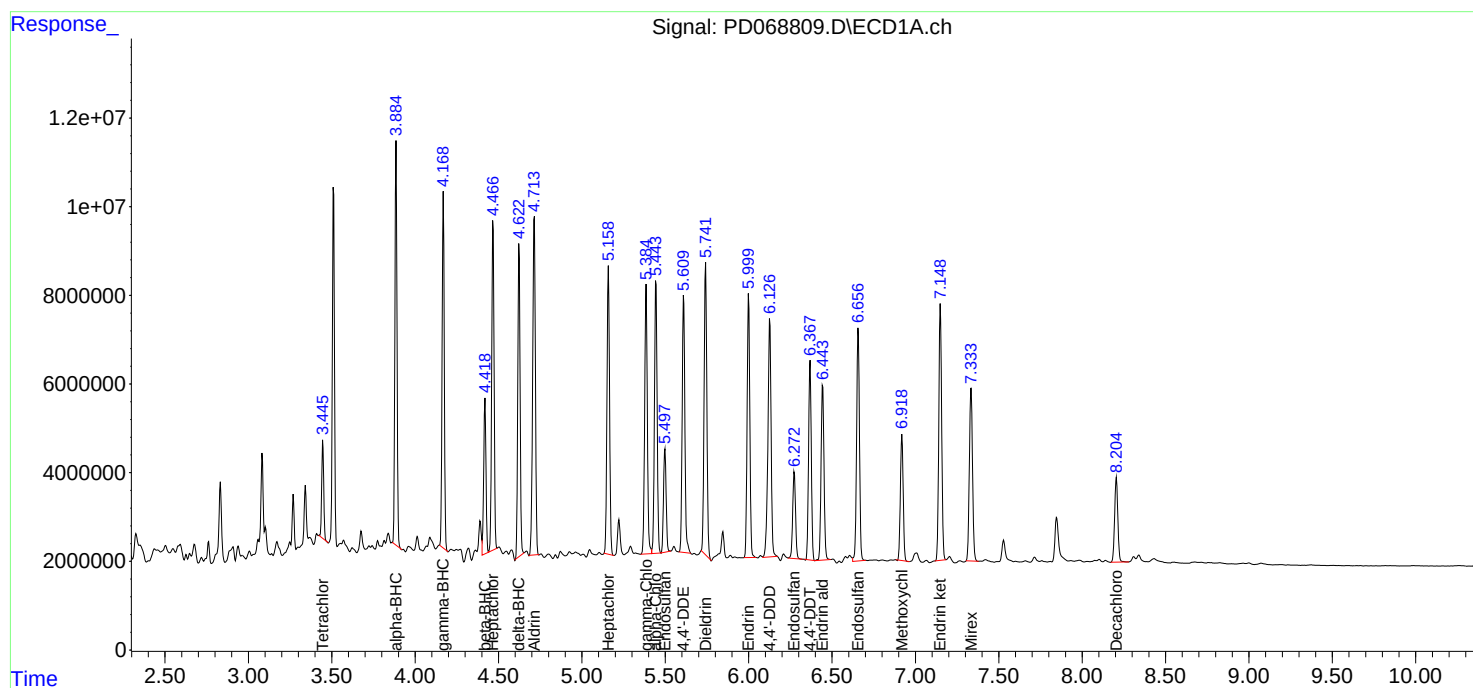
Instrument :
 ECD_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1MS

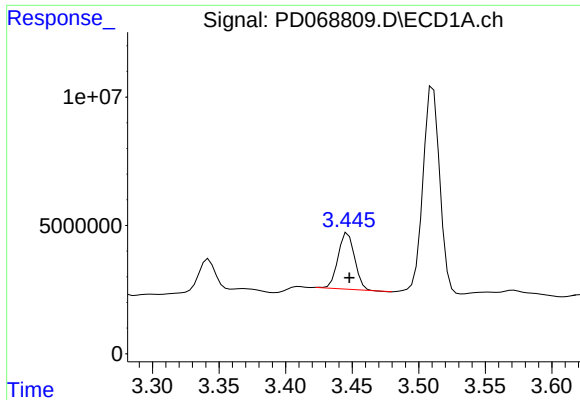
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:32 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





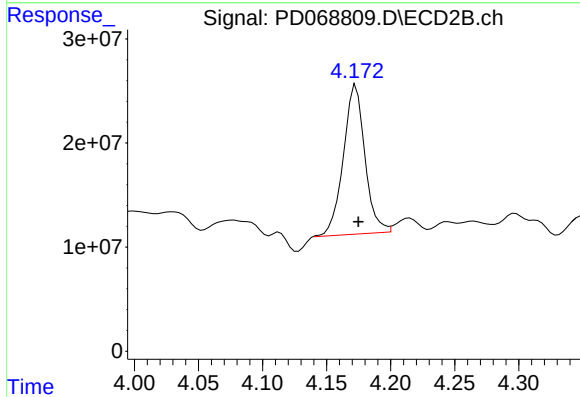
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 19107319
Conc: 15.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

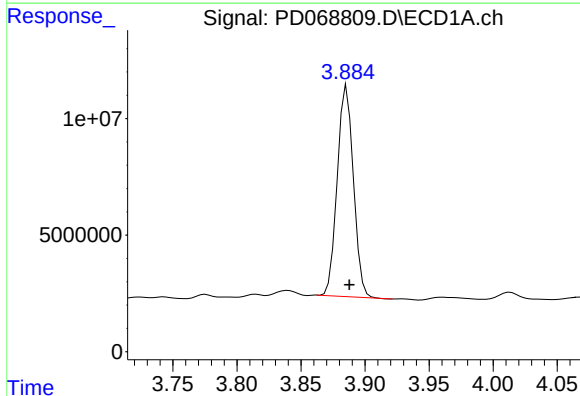
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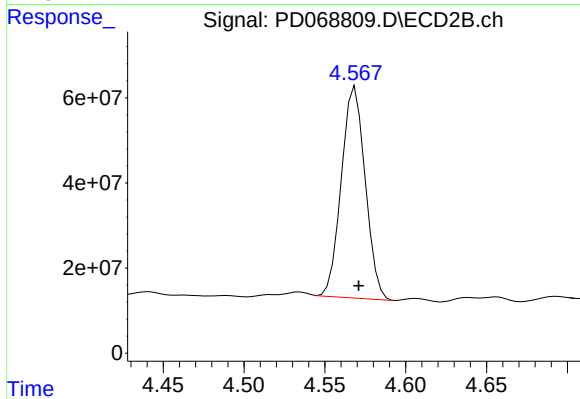
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 167457657
Conc: 17.52 ng/ml



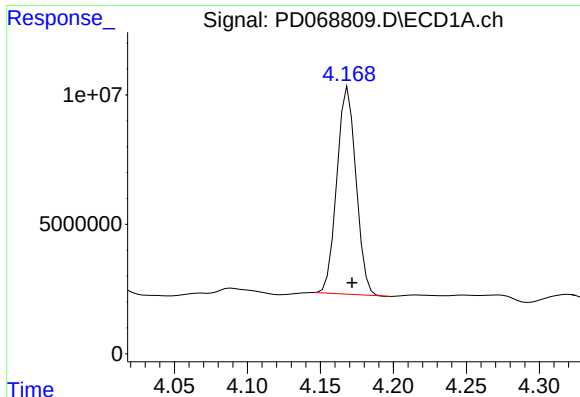
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 79473333
Conc: 43.89 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 510003052
Conc: 37.06 ng/ml m



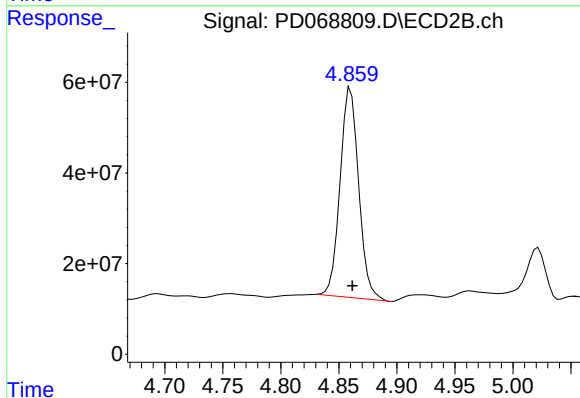
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 73033824
Conc: 43.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

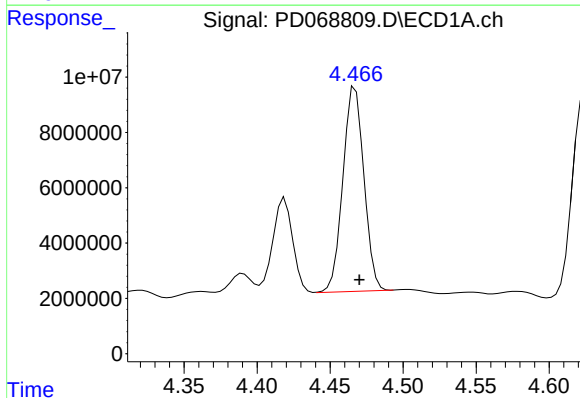
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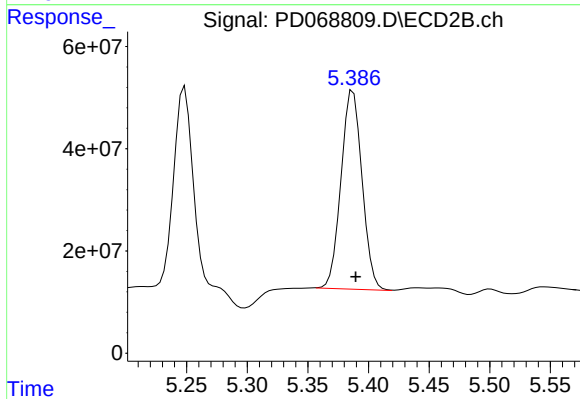
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 518251637
Conc: 41.45 ng/ml



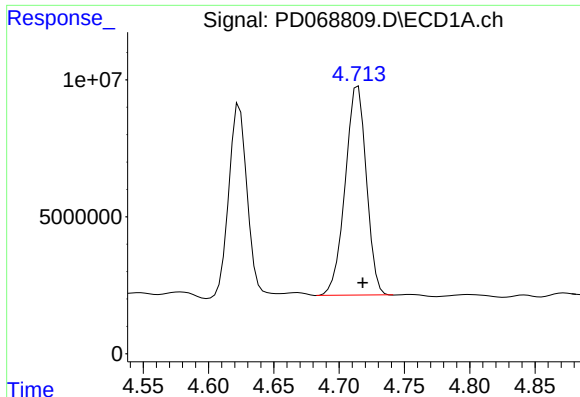
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: -0.003 min
Response: 74077390
Conc: 44.96 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 469707748
Conc: 39.52 ng/ml m



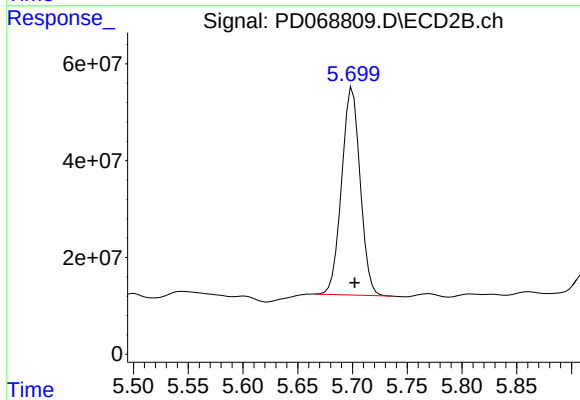
#5 Aldrin

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 86155423
Conc: 53.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

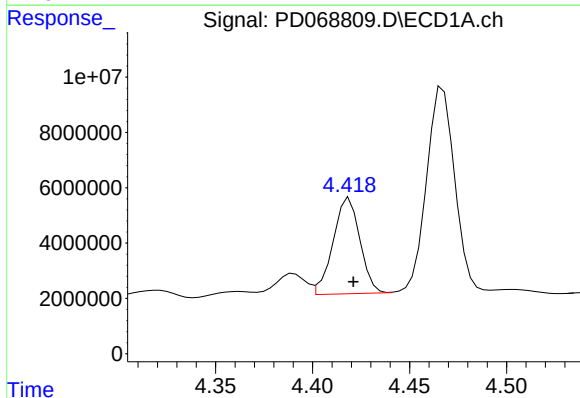
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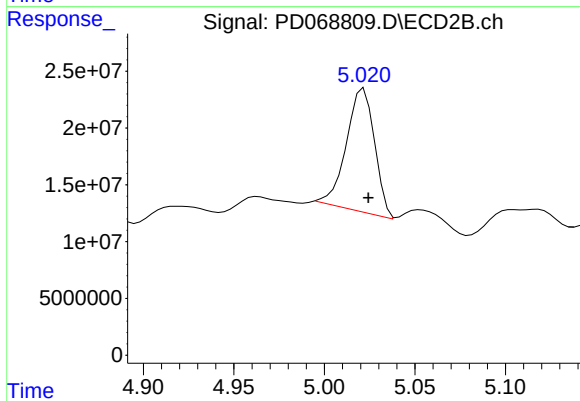
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 504907283
Conc: 43.99 ng/ml m



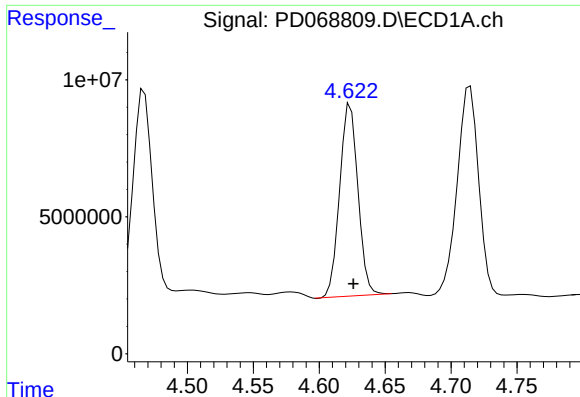
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 33402173
Conc: 44.86 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 116967411
Conc: 21.31 ng/ml m



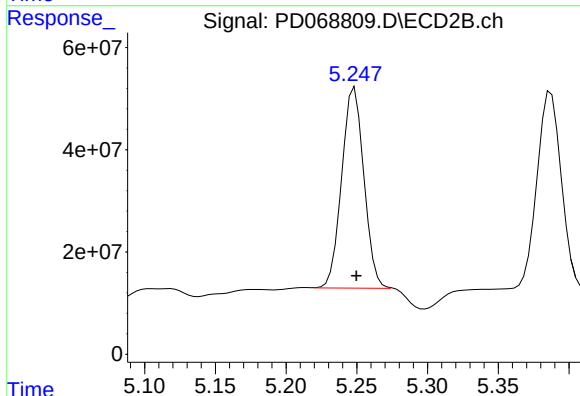
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 67653093
Conc: 41.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

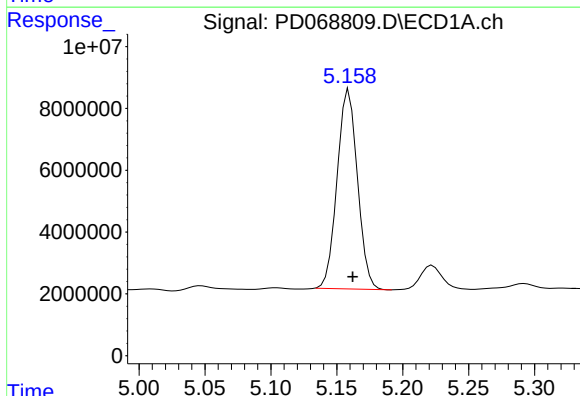
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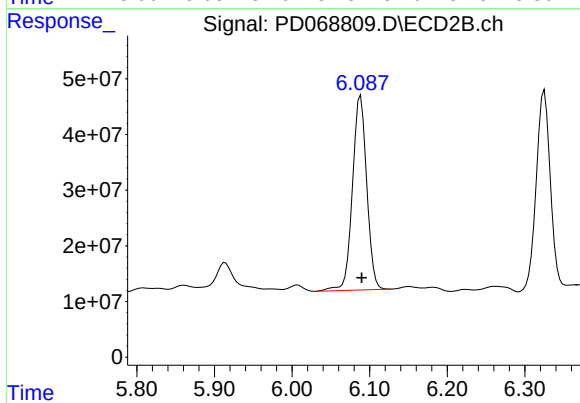
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 428641012
Conc: 35.64 ng/ml m



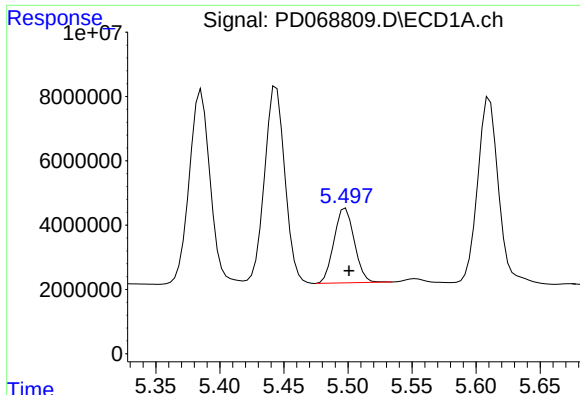
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 69196721
Conc: 46.27 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 446435390
Conc: 42.75 ng/ml



#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 25547450
Conc: 18.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

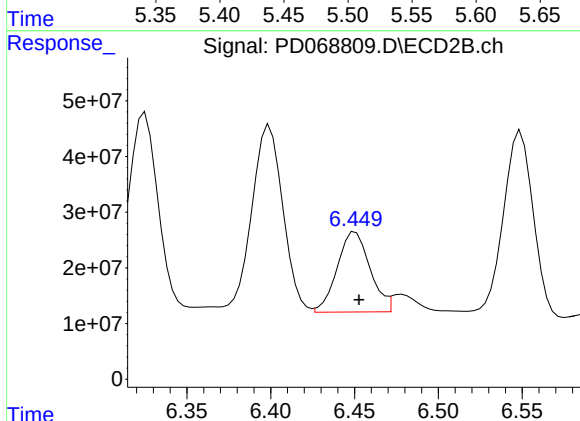
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

Manual Integrations

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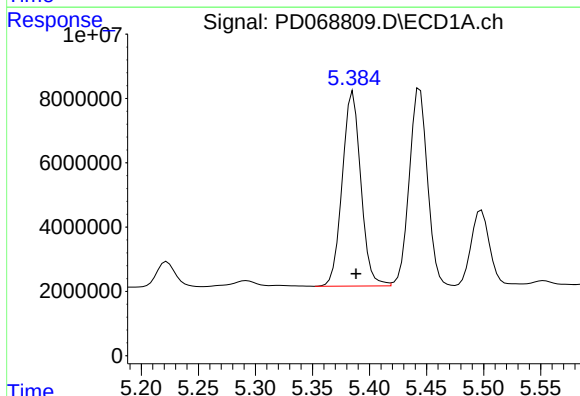
Reviewed By :Abdul Mirza 03/29/2022

Supervised By :mohammad ahmed 03/29/2022



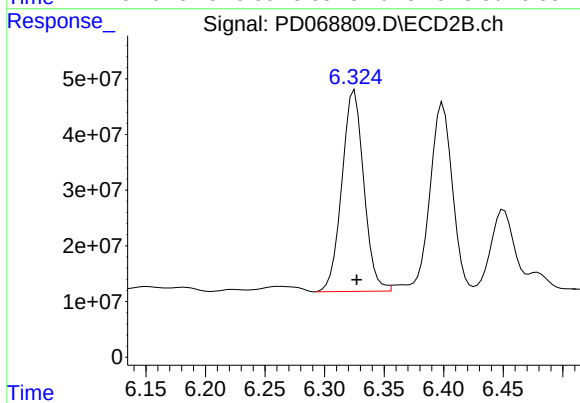
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 195988293
Conc: 20.90 ng/ml



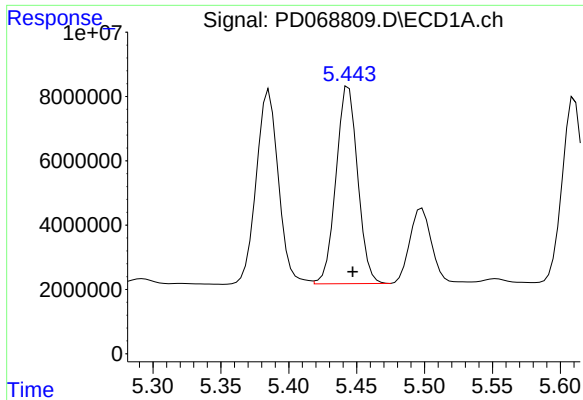
#10 gamma-Chlordane

R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 68555382
Conc: 45.19 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 463088110
Conc: 44.93 ng/ml



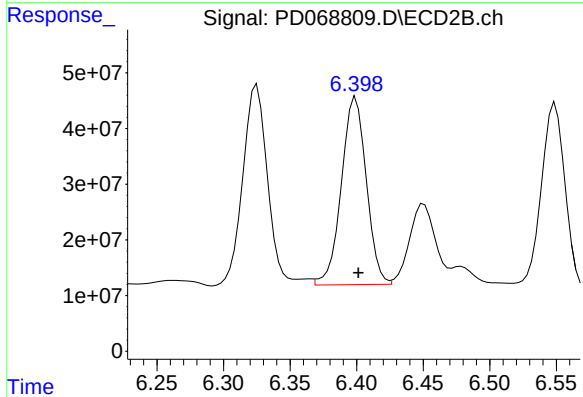
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 67992883
Conc: 45.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

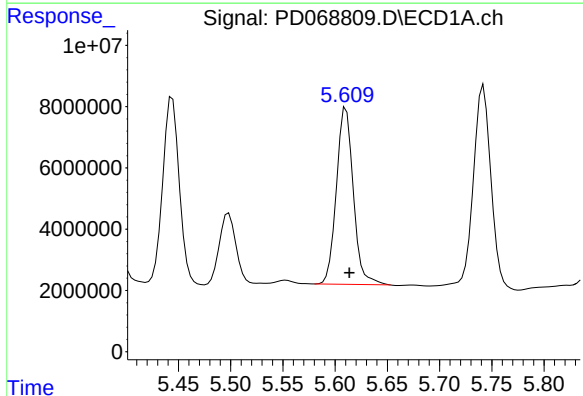
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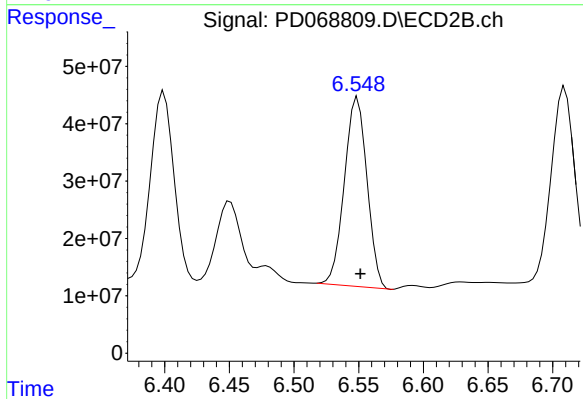
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 439447456
Conc: 44.14 ng/ml



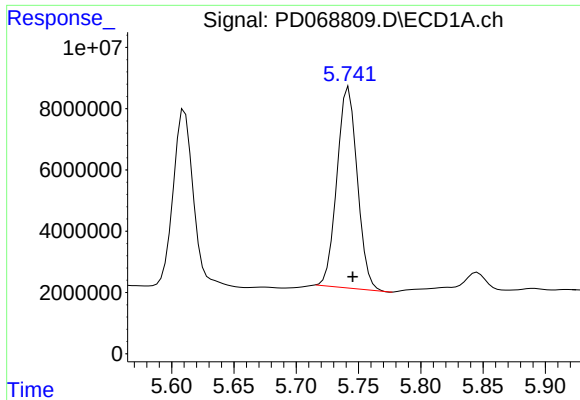
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 65088624
Conc: 47.58 ng/ml m



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 401285118
Conc: 43.30 ng/ml



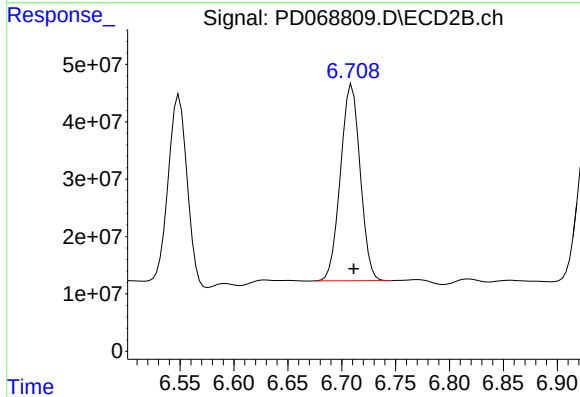
#13 Dieldrin

R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 74764986
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

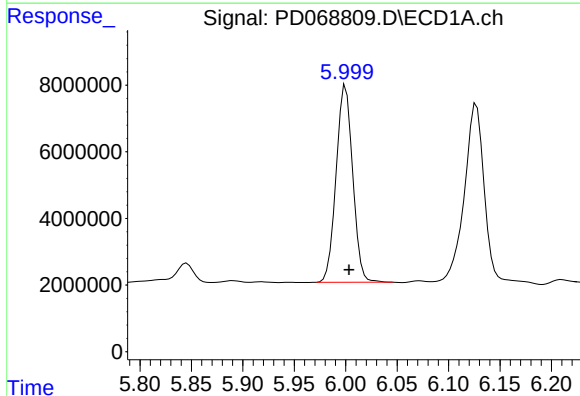
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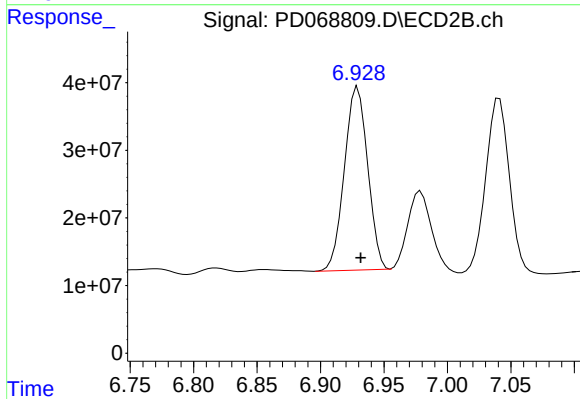
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 435887035
Conc: 44.88 ng/ml



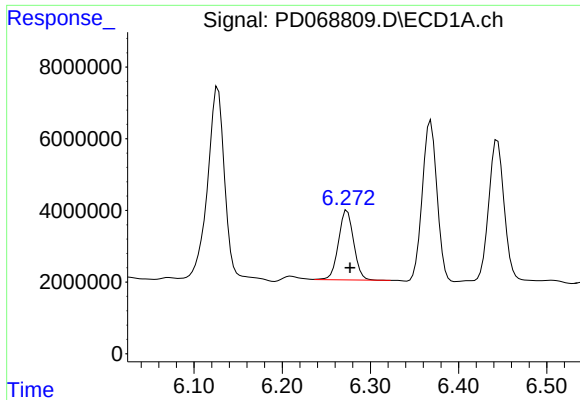
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 66320574
Conc: 50.35 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 345571789
Conc: 44.66 ng/ml



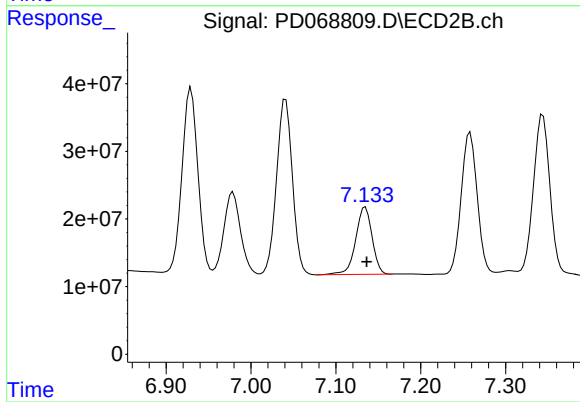
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 23278490
Conc: 18.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

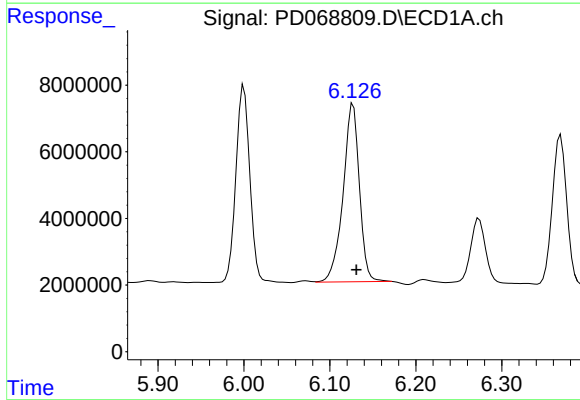
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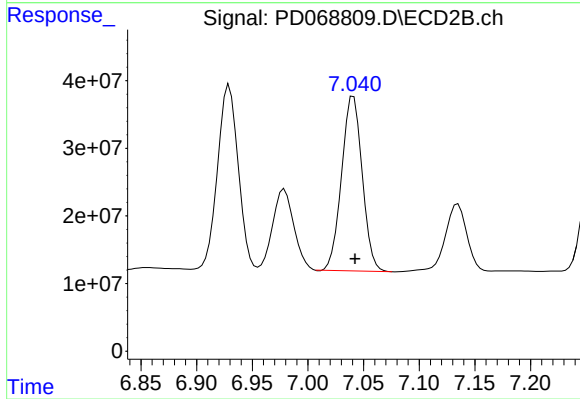
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 133364517
Conc: 17.64 ng/ml



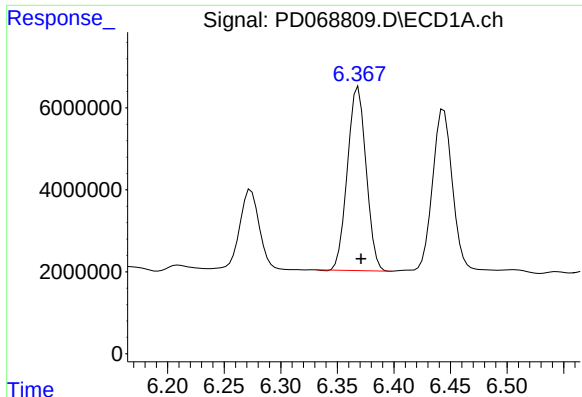
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 70652793
Conc: 59.91 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 332602194
Conc: 45.04 ng/ml



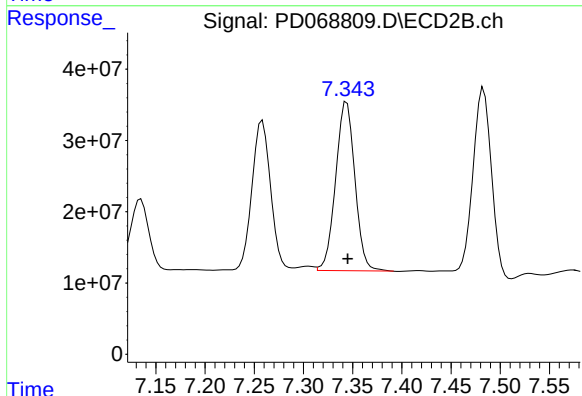
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 51539698
Conc: 42.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

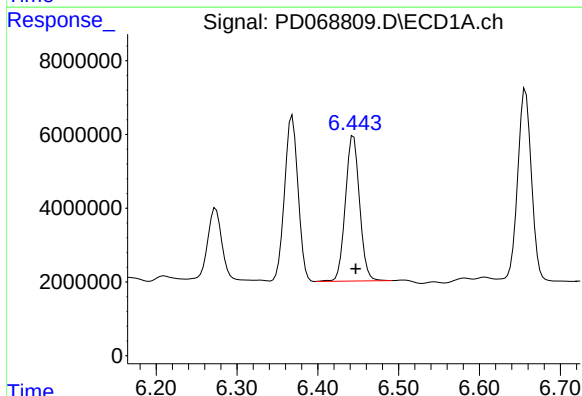
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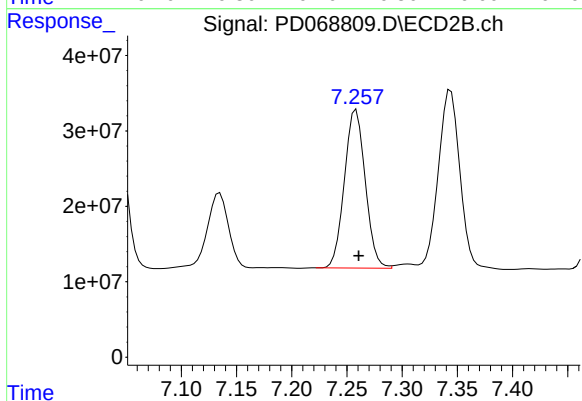
#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 323287369
Conc: 44.00 ng/ml



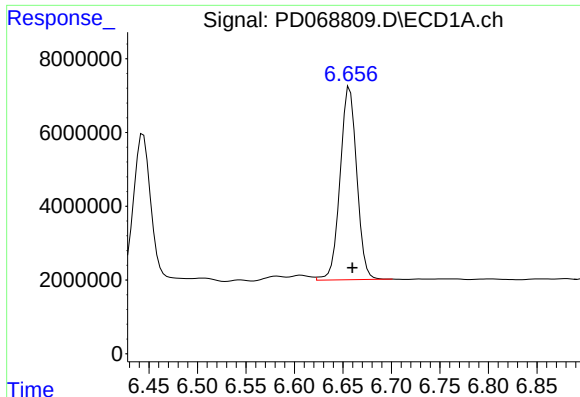
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 48063343
Conc: 48.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 275989256
Conc: 45.60 ng/ml



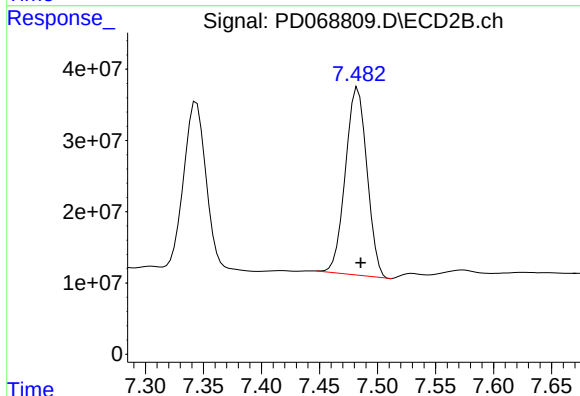
#19 Endosulfan Sulfate

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 62415062
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

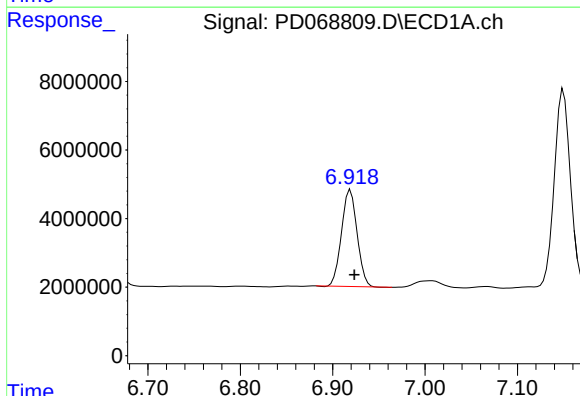
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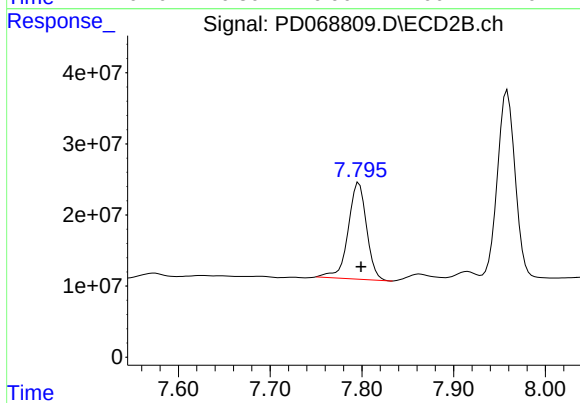
#19 Endosulfan Sulfate

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 340505031
Conc: 46.30 ng/ml



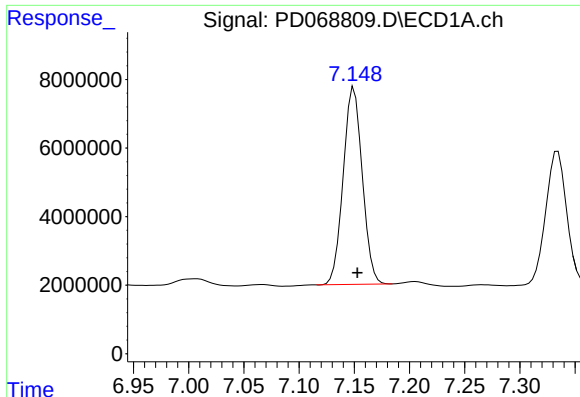
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 33022925
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 189219328
Conc: 51.91 ng/ml



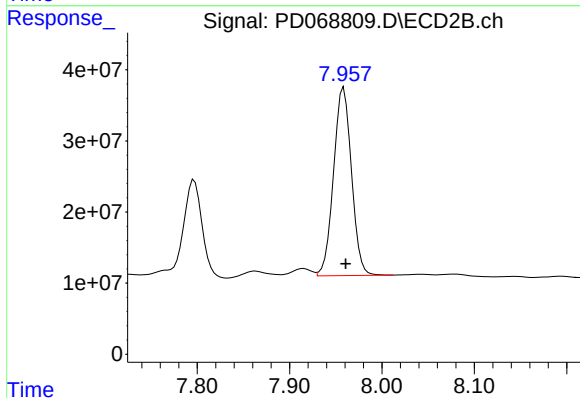
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 69210071
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

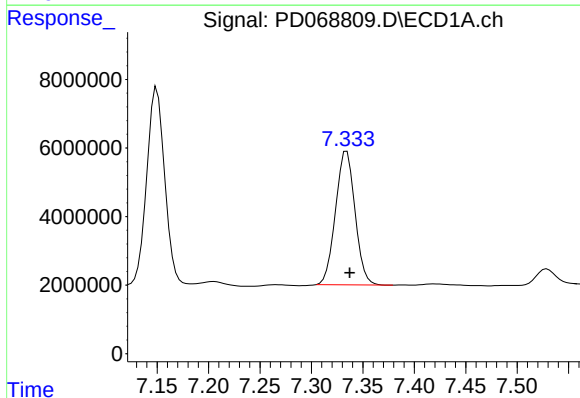
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



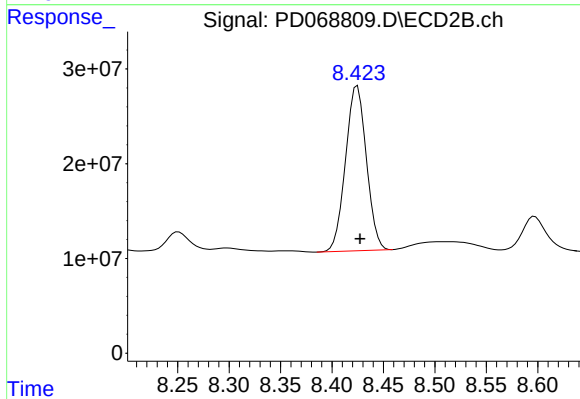
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 357245204
Conc: 46.10 ng/ml



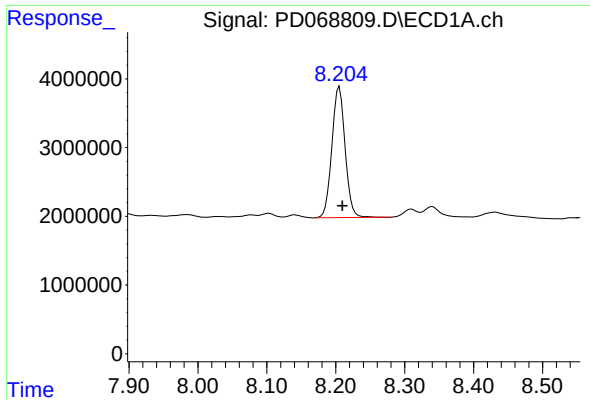
#22 Mirex

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 51527299
Conc: 43.48 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 245903922
Conc: 44.86 ng/ml



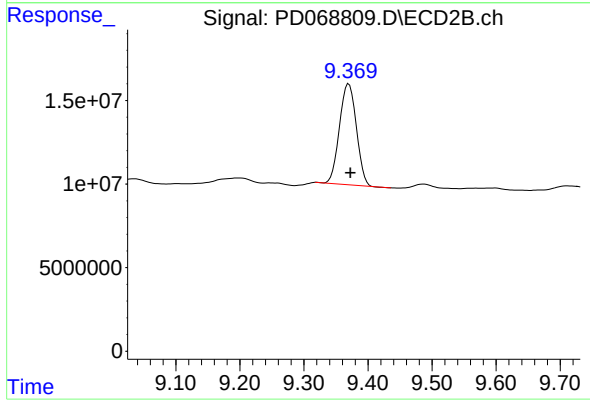
#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 25344073
Conc: 20.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 110250430
Conc: 19.46 ng/ml