

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
 Data File : FD043793.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2022 13:44
 Operator : YP/AJ
 Sample : N3980-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:43:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.439	7508019	43.454 ug/ml
Spiked Amount 50.000		Recovery =	86.91%
6) S 2-Fluorobiphenyl (SURR)	8.292	4702918	46.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.50%
11) S ortho-Terphenyl (SURR)	11.327	8072706	38.586 ug/ml
Spiked Amount 50.000		Recovery =	77.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.254	261864	1.315 ug/ml
2) T Naphthalene (C11.7)	5.799	236747	1.178 ug/mlm
3) T 2-Methylnaphthalene (...)	6.849	244269	1.353 ug/ml
5) T Acenaphthylene (C15.06)	8.107	335444	1.678 ug/ml
7) T Acenaphthene (C15.5)	8.393	633123	2.945 ug/ml
8) T Flouorene (C16.55)	9.190	305768	1.595 ug/ml
9) T Phenanthrene (C19.36)	10.580	266818	1.484 ug/ml
10) T Anthracene (C19.43)	10.663	296354	1.524 ug/ml
12) T Fluoranthene (C21.85)	12.380	333083	1.826 ug/mlm
13) T Pyrene (C20.8)	12.671	286306	1.534 ug/ml
14) T Benzo[a]anthracene (C...	14.551	158179	1.106 ug/ml
15) T Chrysene (C27.41)	14.584	388083	2.011 ug/ml
16) T benzo[b]fluoranthene ...	16.089	217863	1.510 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	319510	1.858 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	170226	1.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	217246	2.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	310005	2.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	299981	2.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
Data File : FD043793.D
Signal(s) : FID2B.ch
Acq On : 01 Sep 2022 13:44
Operator : YP/AJ
Sample : N3980-03
Misc :
ALS Vial : 56 Sample Multiplier: 1

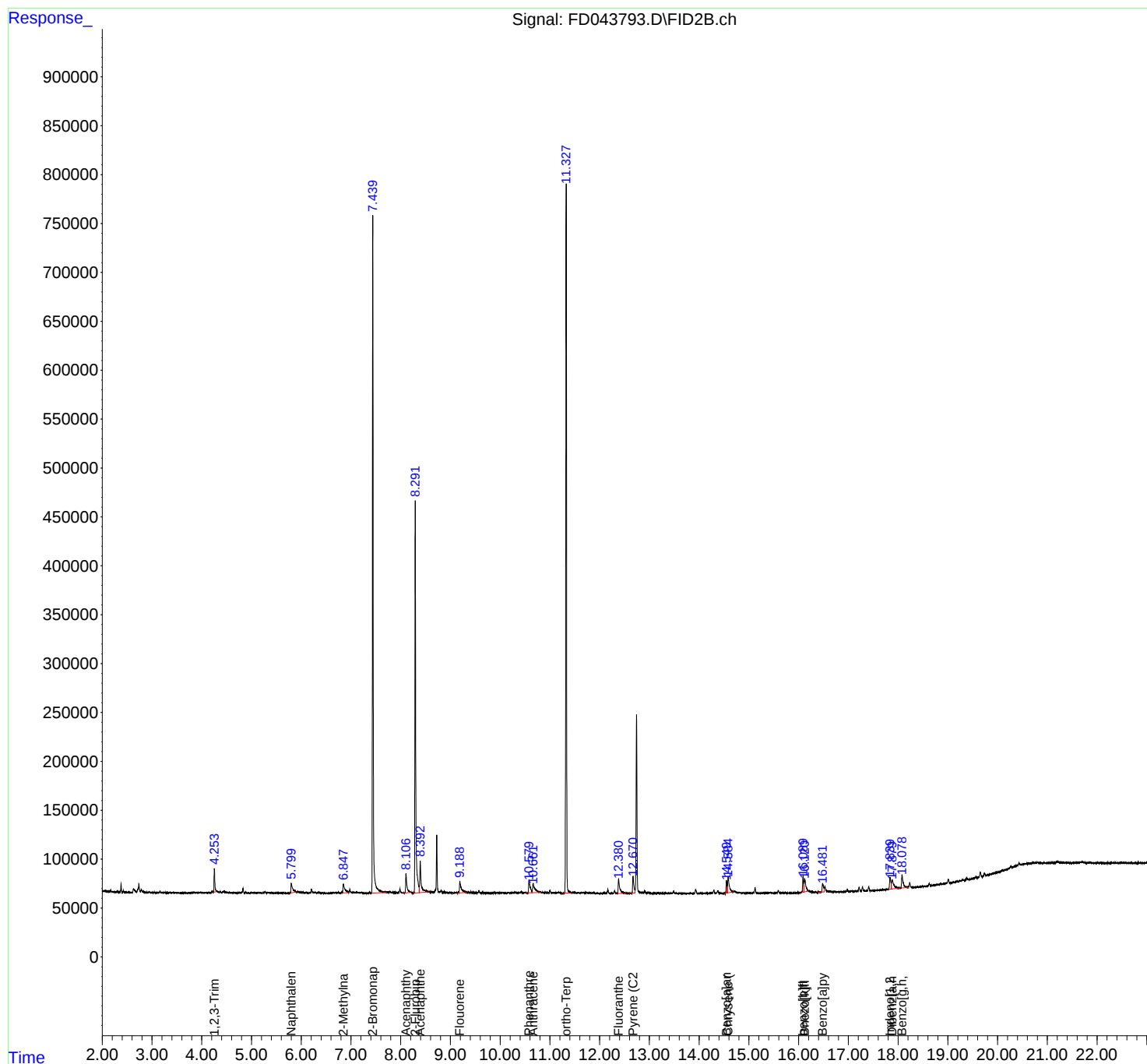
Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

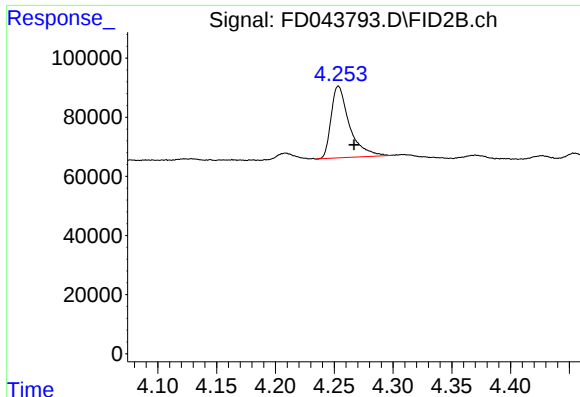
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
Quant Time: Sep 02 01:43:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
Quant Title : GC Extractables
QLast Update : Thu Aug 25 11:00:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





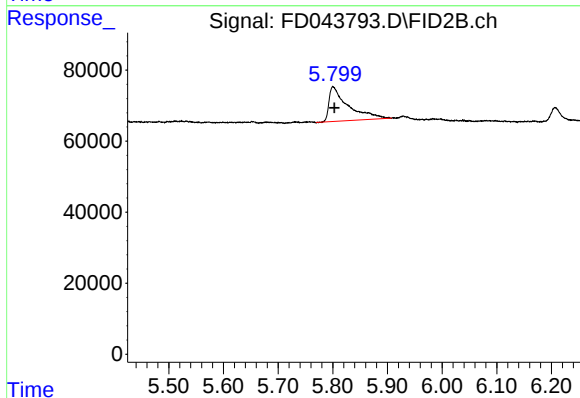
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.254 min
Delta R.T.: -0.013 min
Response: 261864
Conc: 1.31 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

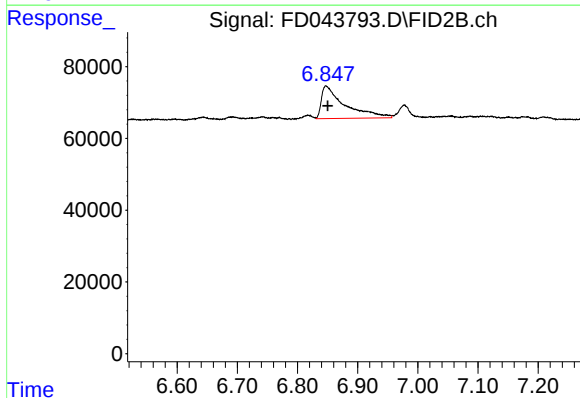
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



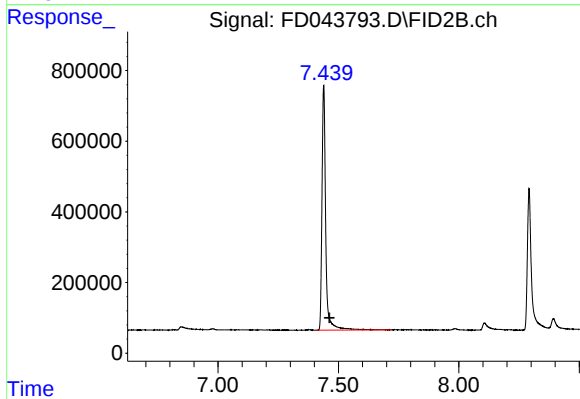
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.004 min
Response: 236747
Conc: 1.18 ug/ml m



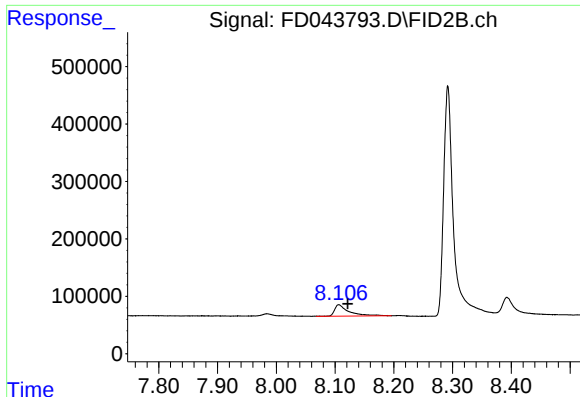
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 244269
Conc: 1.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.024 min
Response: 7508019
Conc: 43.45 ug/ml



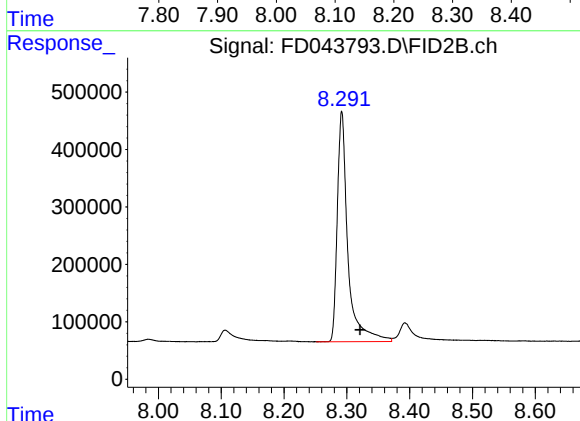
#5 Acenaphthylene (C15.06)

R.T.: 8.107 min
Delta R.T.: -0.014 min
Response: 335444
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

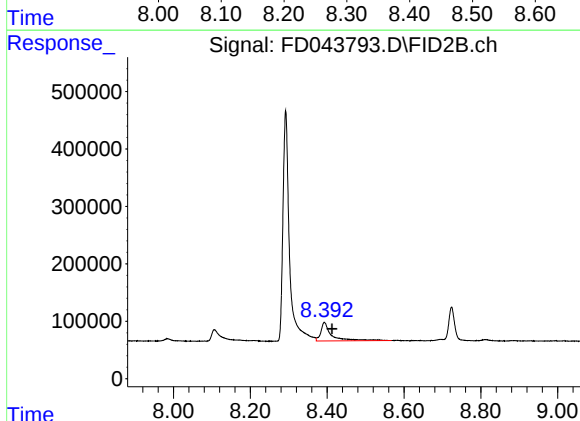
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



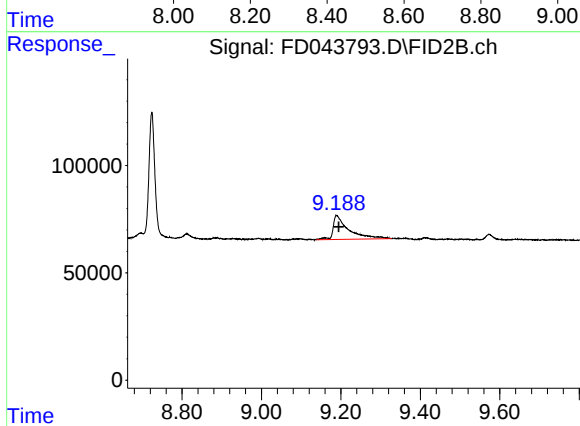
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.029 min
Response: 4702918
Conc: 46.75 ug/ml



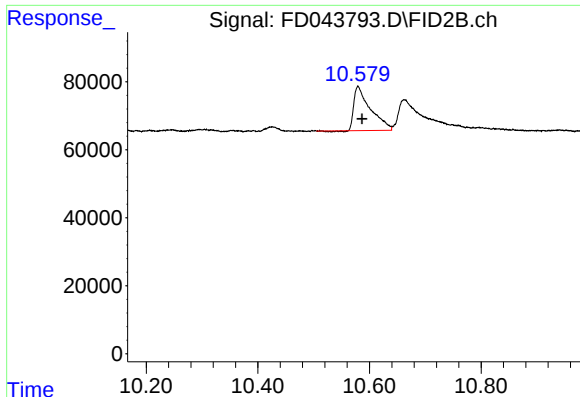
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: -0.019 min
Response: 633123
Conc: 2.95 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.190 min
Delta R.T.: -0.005 min
Response: 305768
Conc: 1.59 ug/ml



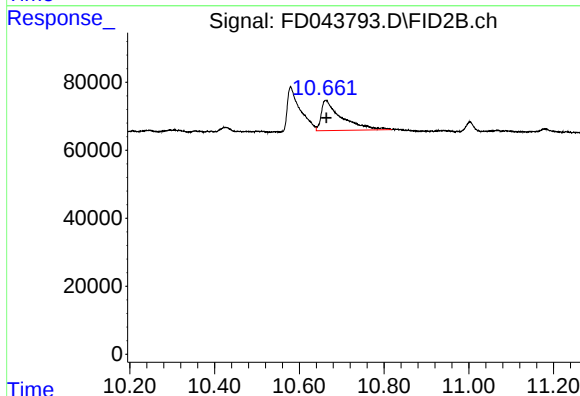
#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: -0.007 min
Response: 266818
Conc: 1.48 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

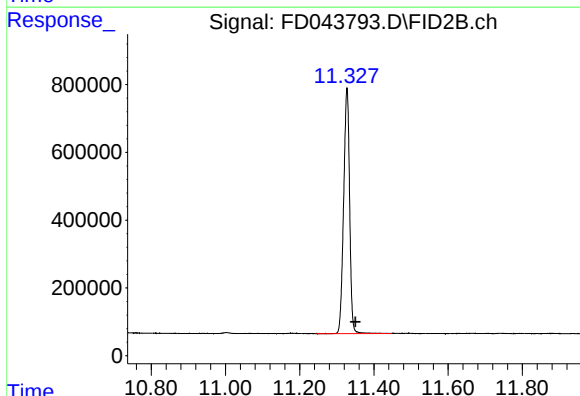
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



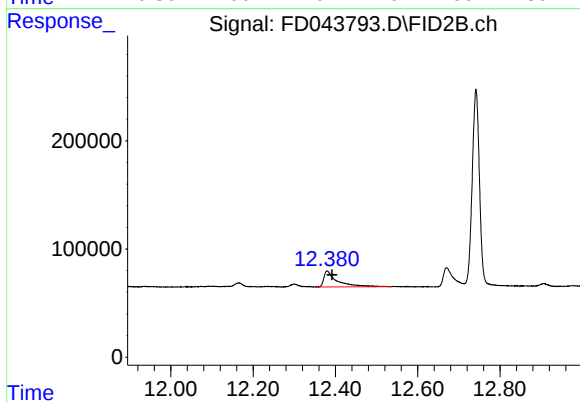
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: -0.001 min
Response: 296354
Conc: 1.52 ug/ml



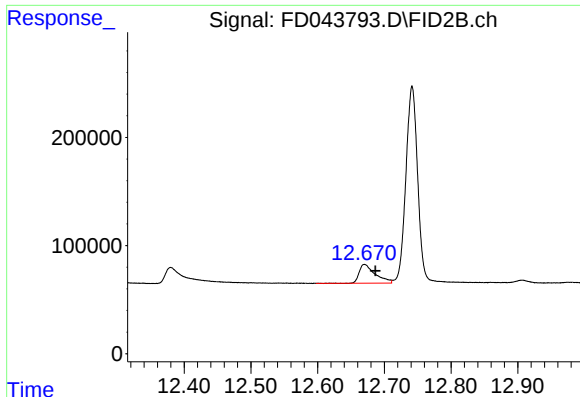
#11 ortho-Terphenyl (SURR)

R.T.: 11.327 min
Delta R.T.: -0.023 min
Response: 8072706
Conc: 38.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: -0.012 min
Response: 333083
Conc: 1.83 ug/ml m



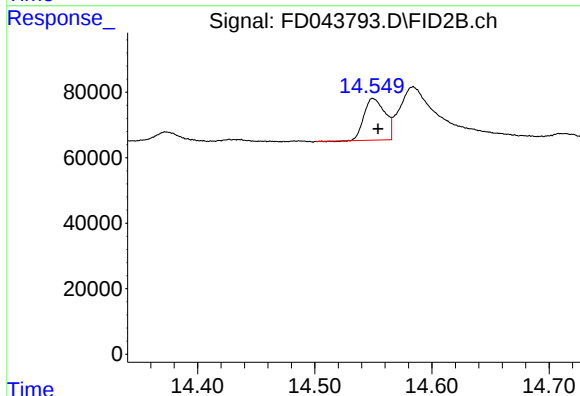
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.016 min
Response: 286306
Conc: 1.53 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

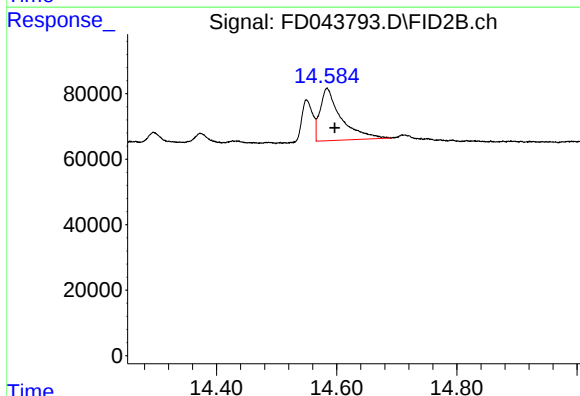
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



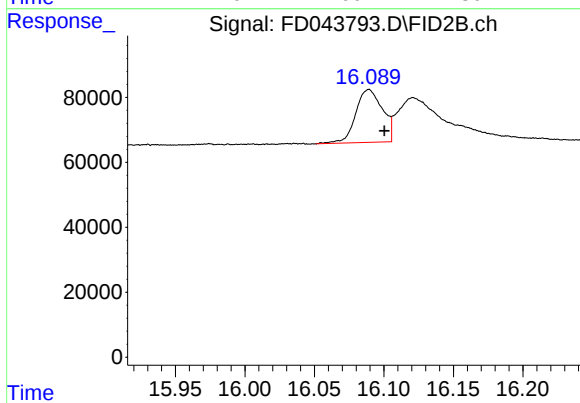
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: -0.004 min
Response: 158179
Conc: 1.11 ug/ml



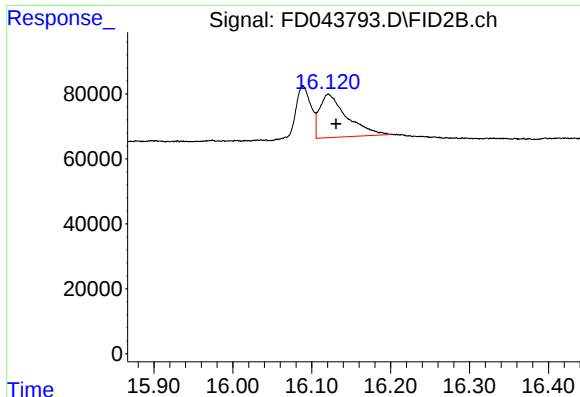
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: -0.012 min
Response: 388083
Conc: 2.01 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: -0.011 min
Response: 217863
Conc: 1.51 ug/ml



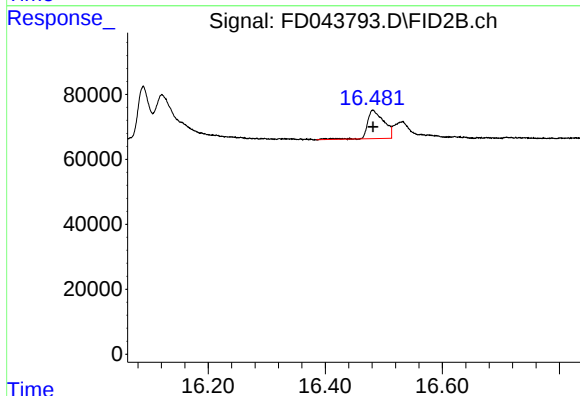
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.122 min
Delta R.T.: -0.009 min
Response: 319510
Conc: 1.86 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

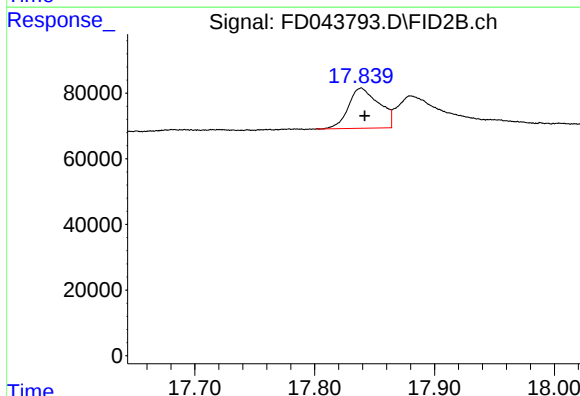
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



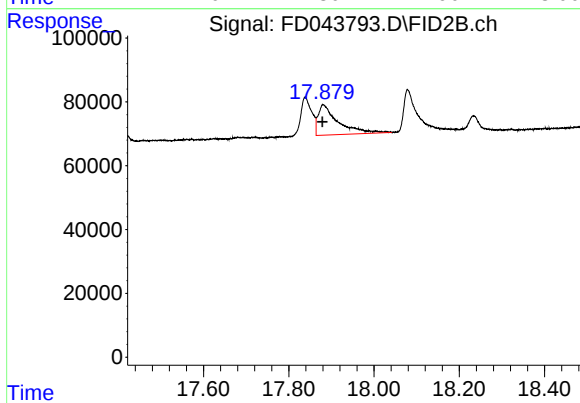
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.000 min
Response: 170226
Conc: 1.17 ug/ml



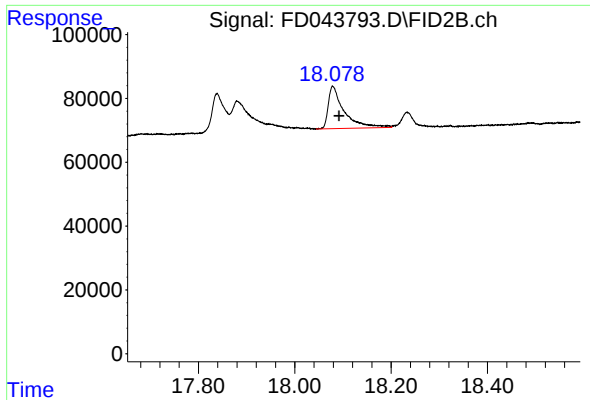
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.003 min
Response: 217246
Conc: 2.10 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 310005
Conc: 2.20 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.079 min
Delta R.T.: -0.013 min
Response: 299981
Conc: 2.36 ug/ml

Instrument :

FID_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022