

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044490.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2022 17:52
 Operator : YP/AJ
 Sample : PB149284BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB149284BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/28/2022

Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e

Quant Time: Nov 28 01:19:13 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M

Quant Title : GC Extractables

QLast Update : Mon Nov 21 12:00:35 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...	7.687	5446636	40.251 ug/ml
Spiked Amount 50.000		Recovery =	80.50%
6) S 2-Fluorobiphenyl (SURR)	8.545	2371435	25.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.57%
11) S ortho-Terphenyl (SURR)	11.583	6778894	39.511 ug/ml
Spiked Amount 50.000		Recovery =	79.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2761076	18.943 ug/ml
2) T Naphthalene (C11.7)	6.031	3737971	24.008 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3951908	25.014 ug/ml
5) T Acenaphthylene (C15.06)	8.351	5093210	33.776 ug/ml
7) T Acenaphthene (C15.5)	8.645	4698010	30.361 ug/ml
8) T Flouorene (C16.55)	9.424	5918909	38.486 ug/ml
9) T Phenanthrene (C19.36)	10.818	6132168	40.778 ug/ml
10) T Anthracene (C19.43)	10.892	6086711	41.543 ug/ml
12) T Fluoranthene (C21.85)	12.622	6579069	43.291 ug/ml
13) T Pyrene (C20.8)	12.918	6347176	42.698 ug/mlm
14) T Benzo[a]anthracene (C...	14.781	6506015	46.481 ug/mlm
15) T Chrysene (C27.41)	14.825	7286558	49.754 ug/ml
16) T benzo[b]fluoranthene ...	16.323	6514702	45.298 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.358	6062746	42.641 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	5735229	40.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	6113695	44.838 ug/mlm
20) T Dibenz[a,h]anthracene...	18.099	5780090	42.911 ug/ml
21) T Benzo[g,h,i]perylene ...	18.315	5948240	43.574 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
Data File : FD044490.D
Signal(s) : FID2B.ch
Acq On : 25 Nov 2022 17:52
Operator : YP/AJ
Sample : PB149284BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

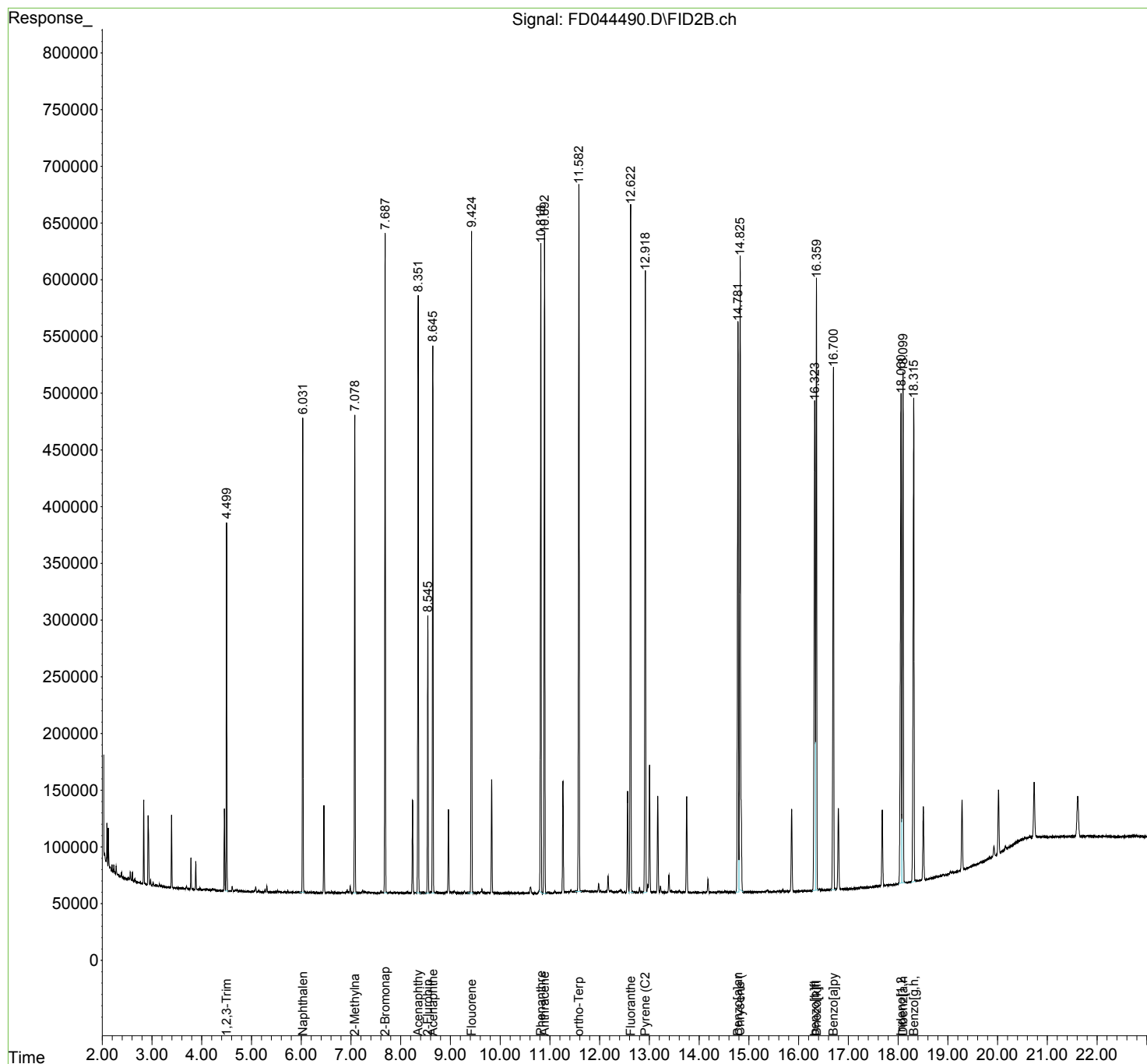
Instrument :
FID_D
ClientSampleId :
PB149284BS

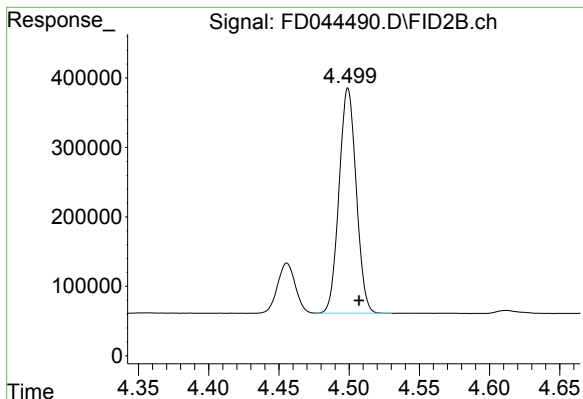
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
Quant Time: Nov 28 01:19:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
Quant Title : GC Extractables
QLast Update : Mon Nov 21 12:00:35 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.: 4.499 min
Delta R.T.: -0.008 min
Response: 2761076
Conc: 18.94 ug/ml

Instrument :

FID_D

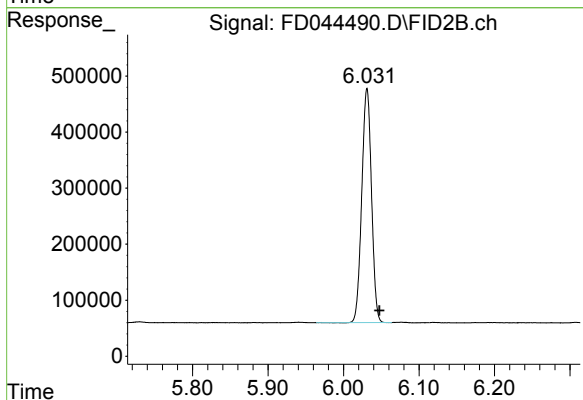
ClientSampleId :

PB149284BS

Manual Integrations

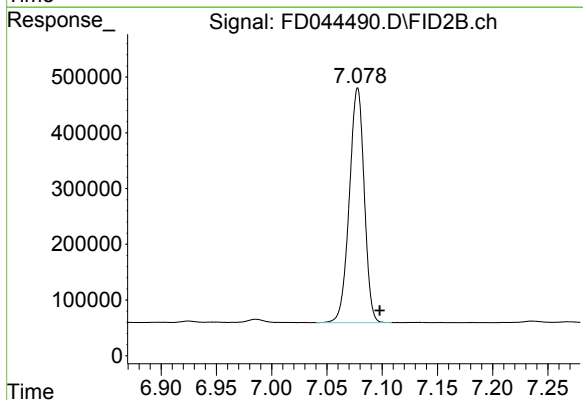
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



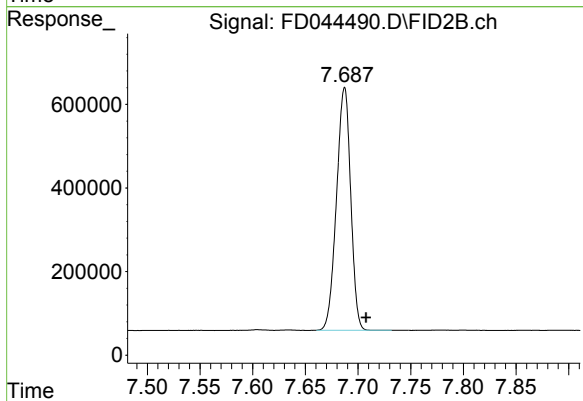
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.017 min
Response: 3737971
Conc: 24.01 ug/ml



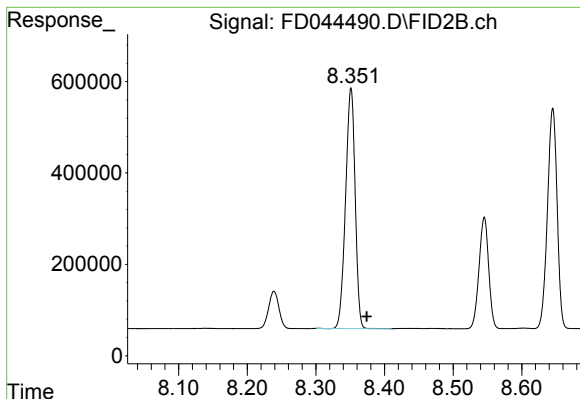
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.020 min
Response: 3951908
Conc: 25.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.021 min
Response: 5446636
Conc: 40.25 ug/ml



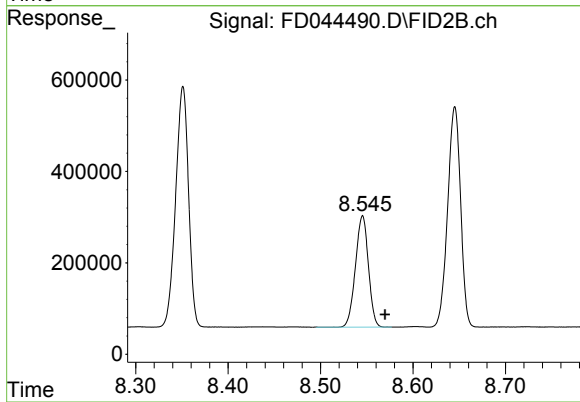
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.023 min
Response: 5093210
Conc: 33.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PB149284BS

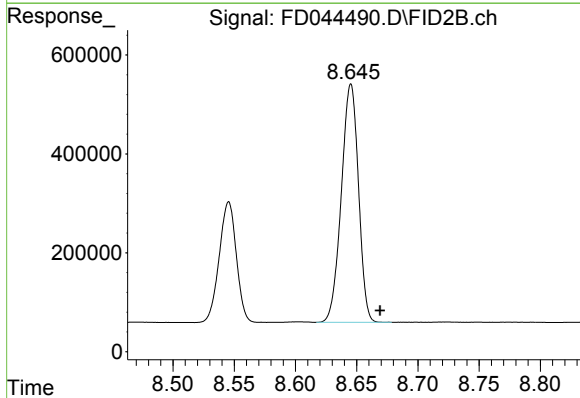
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



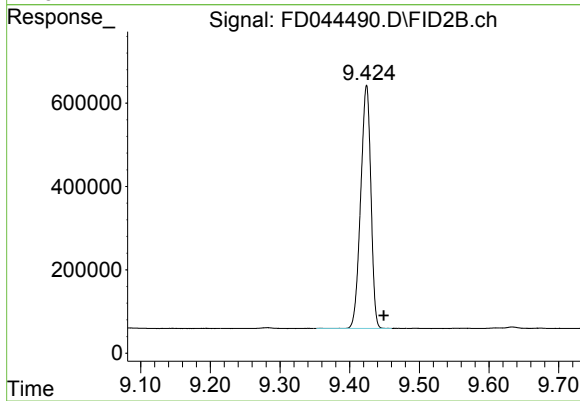
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.025 min
Response: 2371435
Conc: 25.29 ug/ml



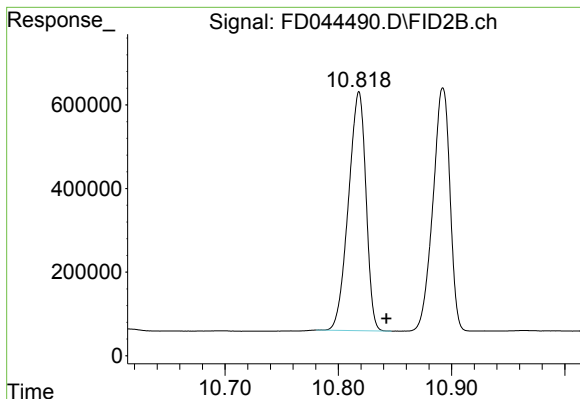
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.024 min
Response: 4698010
Conc: 30.36 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.424 min
Delta R.T.: -0.025 min
Response: 5918909
Conc: 38.49 ug/ml



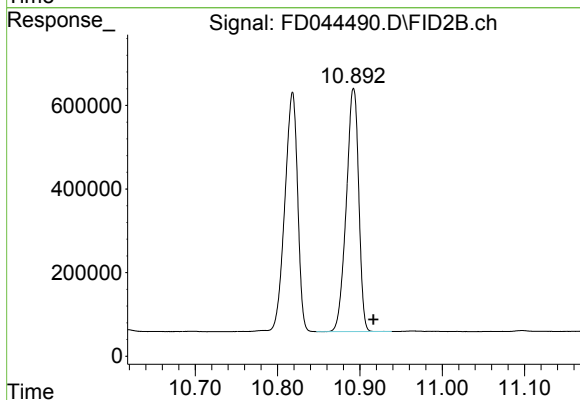
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.025 min
Response: 6132168
Conc: 40.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PB149284BS

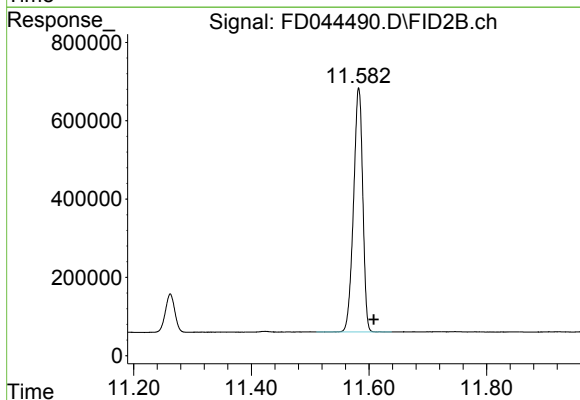
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



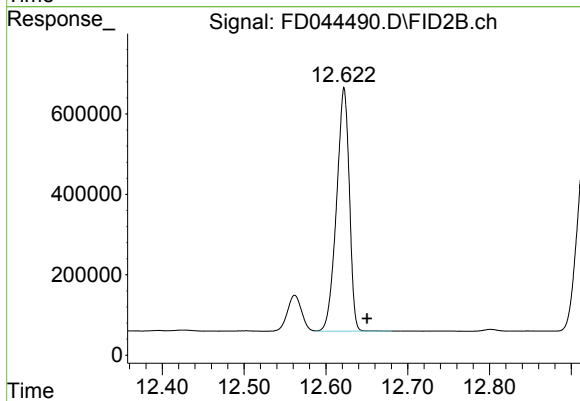
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.024 min
Response: 6086711
Conc: 41.54 ug/ml



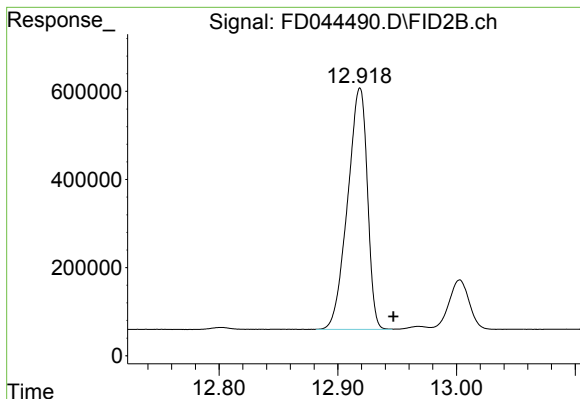
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.025 min
Response: 6778894
Conc: 39.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.622 min
Delta R.T.: -0.028 min
Response: 6579069
Conc: 43.29 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: -0.029 min
Response: 6347176
Conc: 42.70 ug/ml

Instrument :

FID_D

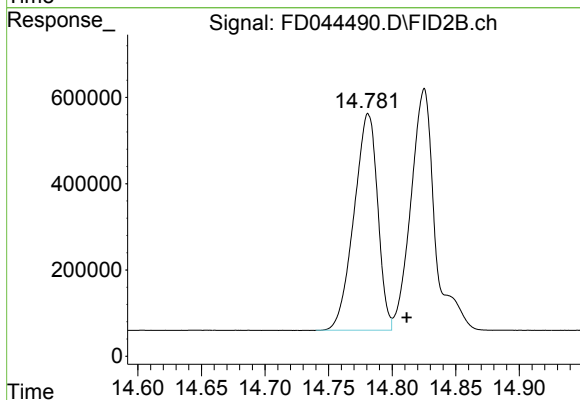
ClientSampleId :

PB149284BS

Manual Integrations

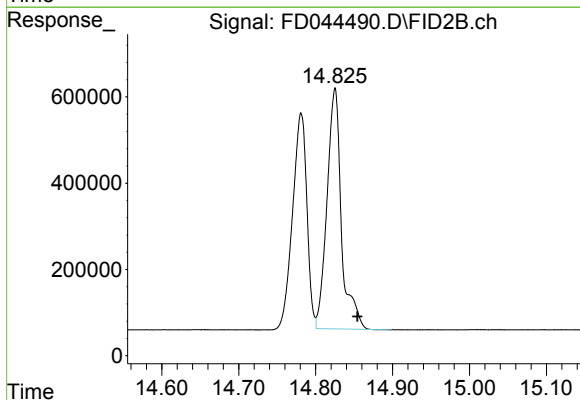
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



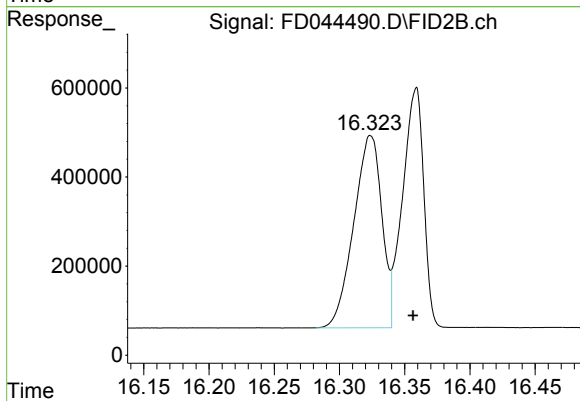
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.781 min
Delta R.T.: -0.031 min
Response: 6506015
Conc: 46.48 ug/ml m



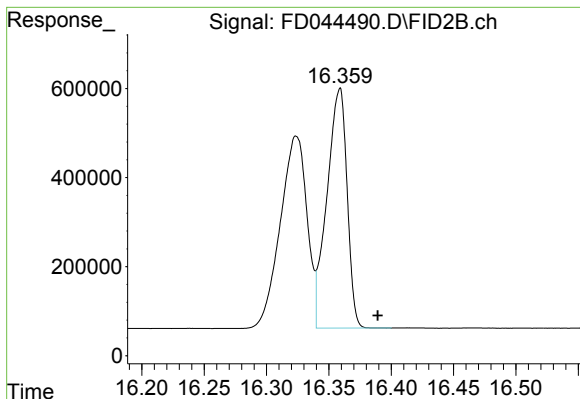
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: -0.030 min
Response: 7286558
Conc: 49.75 ug/ml



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

R.T.: 16.323 min
Delta R.T.: -0.033 min
Response: 6514702
Conc: 45.30 ug/ml m



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

R.T.: 16.358 min
Delta R.T.: -0.031 min
Response: 6062746
Conc: 42.64 ug/ml

Instrument :

FID_D

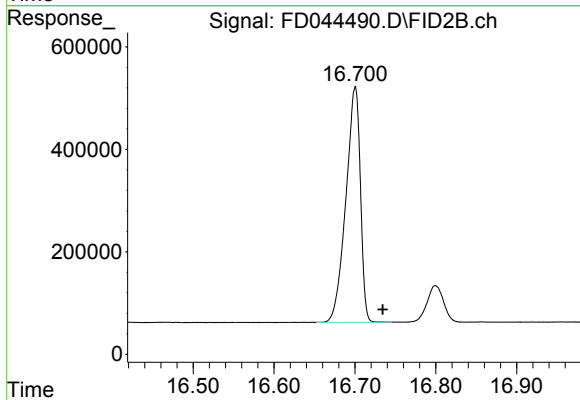
ClientSampleId :

PB149284BS

Manual Integrations

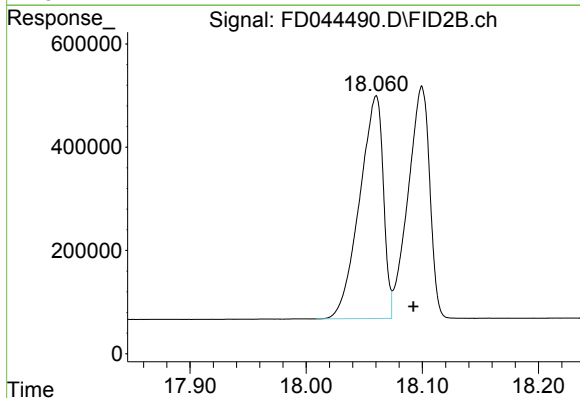
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



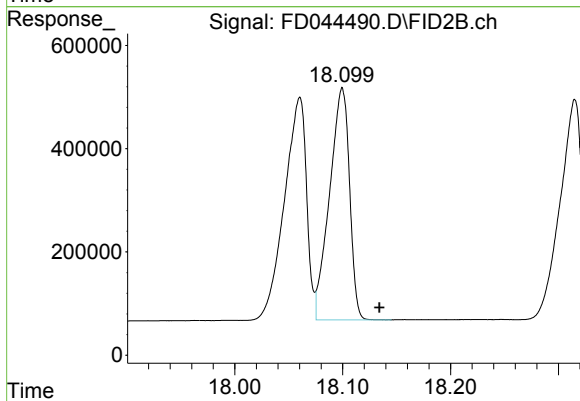
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.035 min
Response: 5735229
Conc: 40.99 ug/ml



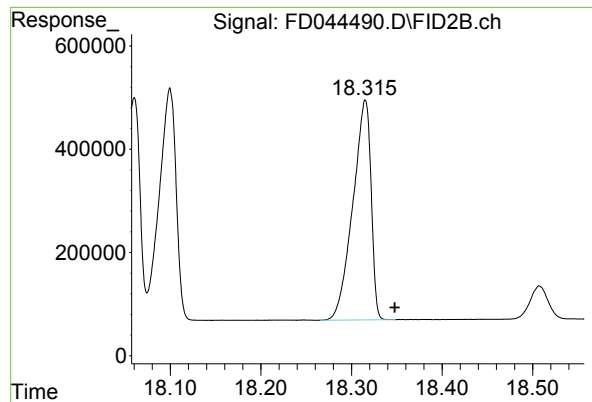
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: -0.032 min
Response: 6113695
Conc: 44.84 ug/ml m



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

R.T.: 18.099 min
Delta R.T.: -0.035 min
Response: 5780090
Conc: 42.91 ug/ml



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

R.T.: 18.315 min
Delta R.T.: -0.033 min
Response: 5948240
Conc: 43.57 ug/ml

Instrument :

FID_D

ClientSampleId :

PB149284BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022