

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062525AR\
 Data File : FD049519.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2025 14:14
 Operator : YP/AJ
 Sample : Q2392-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

S-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2025

Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e

Quant Time: Jun 26 05:37:16 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M

Quant Title : GC Extractables

QLast Update : Wed Jun 18 15:23:20 2025

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...	7.738	7224223	56.658 ug/ml
Spiked Amount 50.000		Recovery =	113.32%
6) S 2-Fluorobiphenyl (SURR)	8.604	4851178	54.637 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.27%
11) S ortho-Terphenyl (SURR)	11.645	5085132	32.065 ug/ml
Spiked Amount 50.000		Recovery =	64.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	4178265	35.976 ug/ml
2) T Naphthalene (C11.7)	6.073	5122514	38.163 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5199241	36.799 ug/ml
5) T Acenaphthylene (C15.06)	8.406	6291340	40.242 ug/ml
7) T Acenaphthene (C15.5)	8.703	6364326	42.478 ug/ml
8) T Flouorene (C16.55)	9.484	6968792	45.300 ug/ml
9) T Phenanthrene (C19.36)	10.882	7625238	47.848 ug/ml
10) T Anthracene (C19.43)	10.958	7588818	48.335 ug/ml
12) T Fluoranthene (C21.85)	12.697	7952507	50.223 ug/ml
13) T Pyrene (C20.8)	12.996	8056791	50.925 ug/ml
14) T Benzo[a]anthracene (C...	14.868	7754212	52.542 ug/ml
15) T Chrysene (C27.41)	14.913	8541766	57.306 ug/ml
16) T benzo[b]fluoranthene ...	16.420	7347076	52.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	7243643	54.538 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.800	7045323	51.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.166	7385767	60.325 ug/mlm
20) T Dibenz[a,h]anthracene...	18.205	6619334	51.688 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.424	6489790	50.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062525AR\
Data File : FD049519.D
Signal(s) : FID2B.ch
Acq On : 25 Jun 2025 14:14
Operator : YP/AJ
Sample : Q2392-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

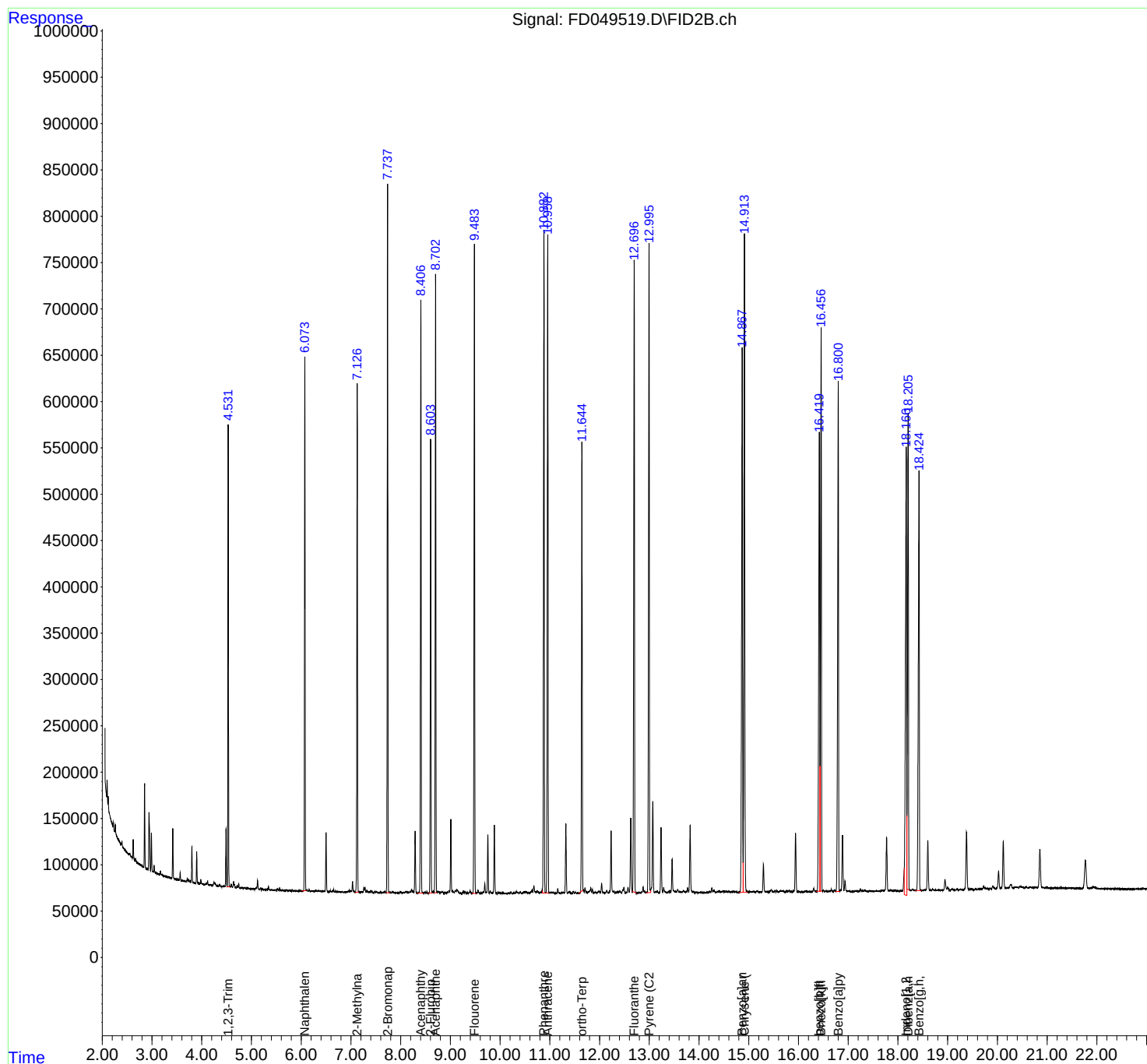
Instrument :
FID_D
ClientSampleId :
S-1MS

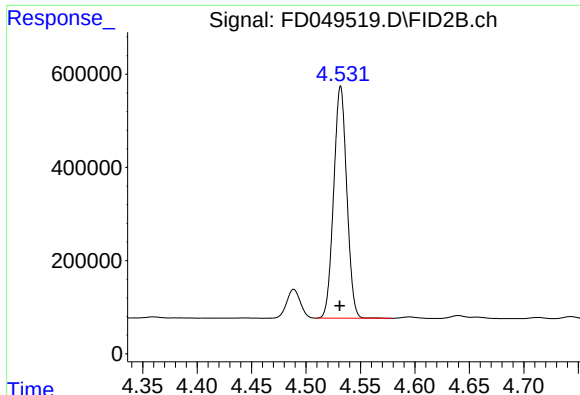
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
Quant Time: Jun 26 05:37:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 15:23:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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





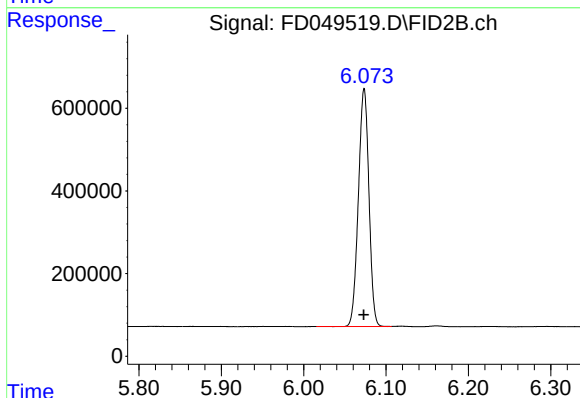
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 4178265
Conc: 35.98 ug/ml

Instrument :
FID_D
ClientSampleId :
S-1MS

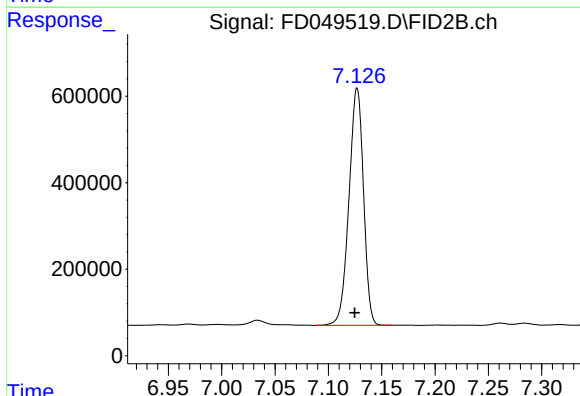
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



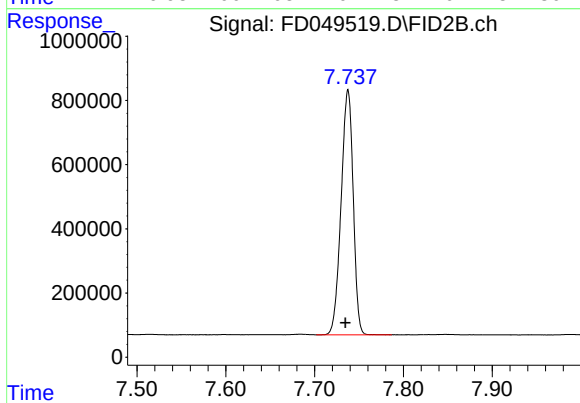
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 5122514
Conc: 38.16 ug/ml



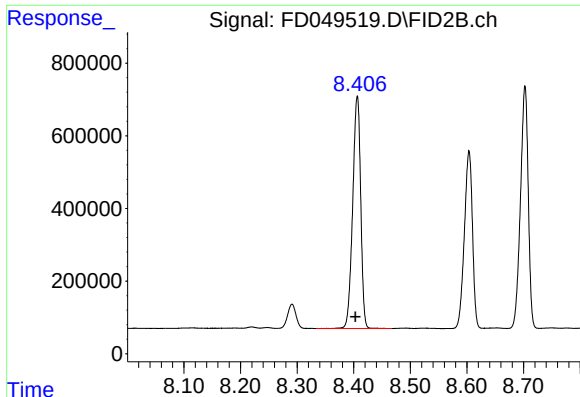
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 5199241
Conc: 36.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 7224223
Conc: 56.66 ug/ml



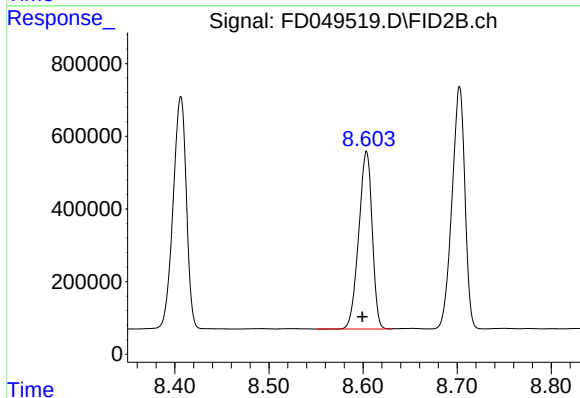
#5 Acenaphthylene (C15.06)

R.T.: 8.406 min
Delta R.T.: 0.004 min
Response: 6291340
Conc: 40.24 ug/ml

Instrument :
FID_D
ClientSampleId :
S-1MS

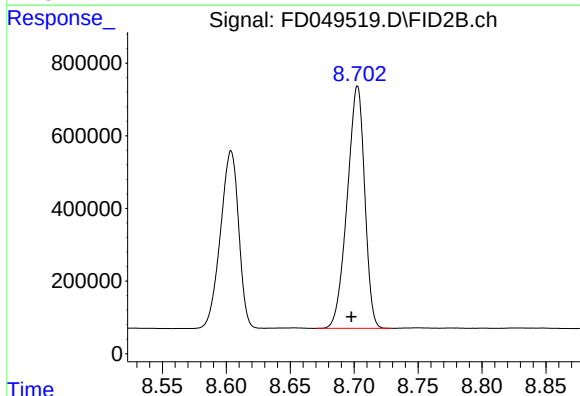
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



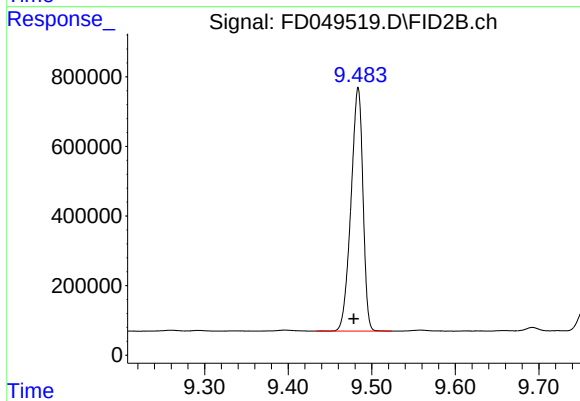
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 4851178
Conc: 54.64 ug/ml



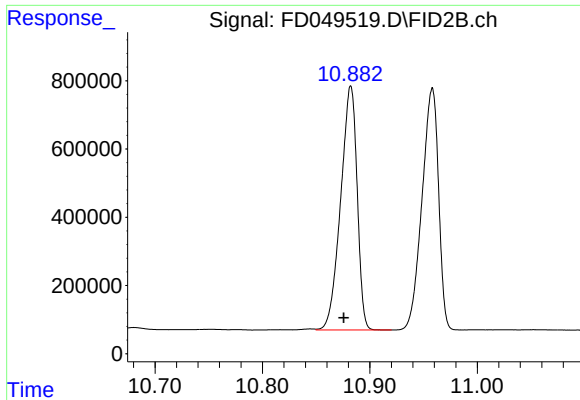
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.005 min
Response: 6364326
Conc: 42.48 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.484 min
Delta R.T.: 0.005 min
Response: 6968792
Conc: 45.30 ug/ml



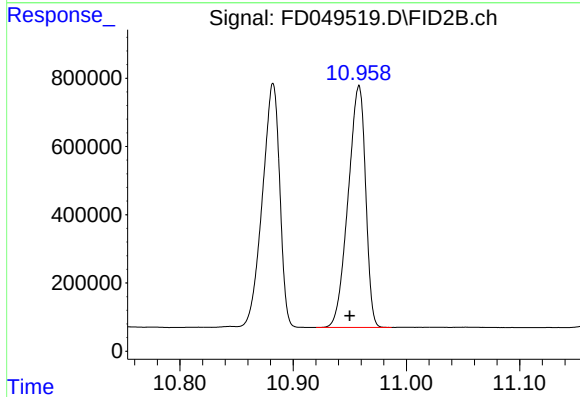
#9 Phenanthrene (C19.36)

R.T.: 10.882 min
Delta R.T.: 0.006 min
Response: 7625238
Conc: 47.85 ug/ml

Instrument :
FID_D
ClientSampleId :
S-1MS

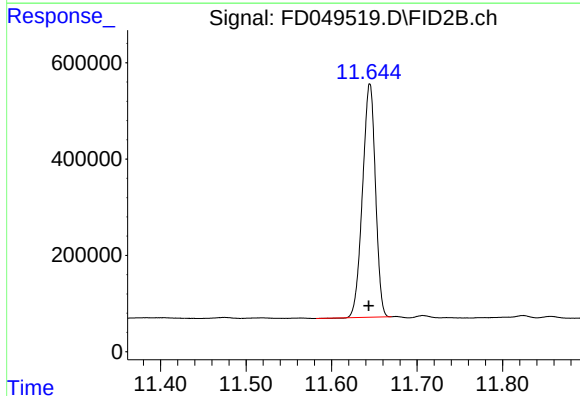
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



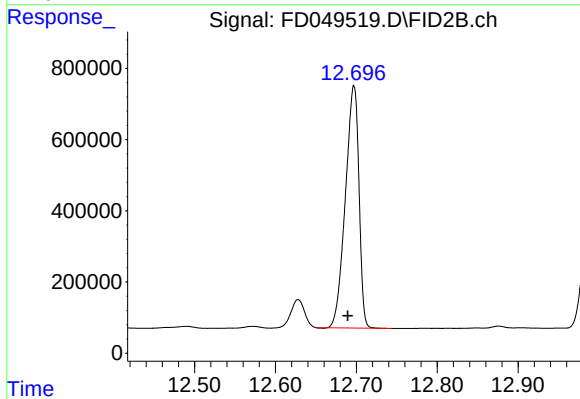
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.008 min
Response: 7588818
Conc: 48.34 ug/ml



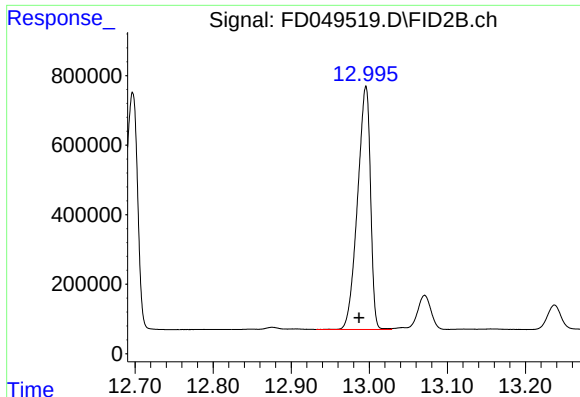
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.002 min
Response: 5085132
Conc: 32.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: 0.008 min
Response: 7952507
Conc: 50.22 ug/ml



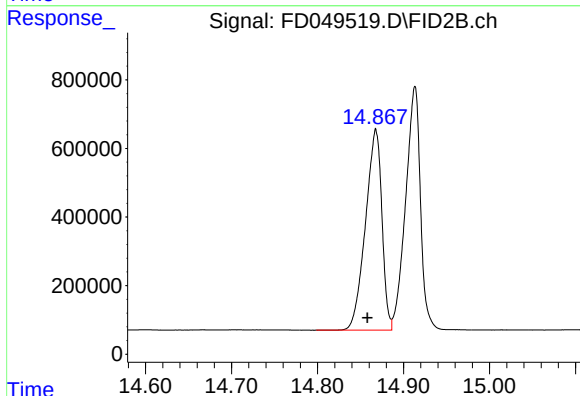
#13 Pyrene (C20.8)

R.T.: 12.996 min
Delta R.T.: 0.009 min
Response: 8056791
Conc: 50.92 ug/ml

Instrument :
FID_D
ClientSampleId :
S-1MS

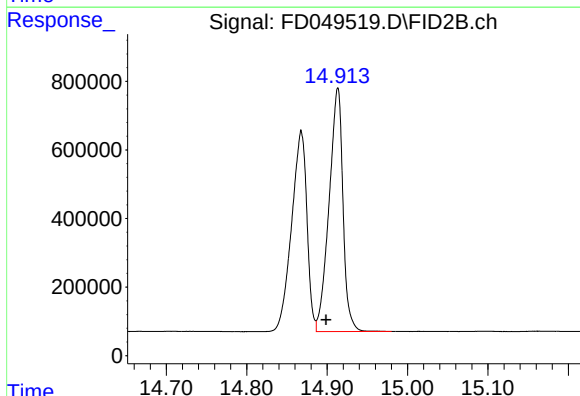
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



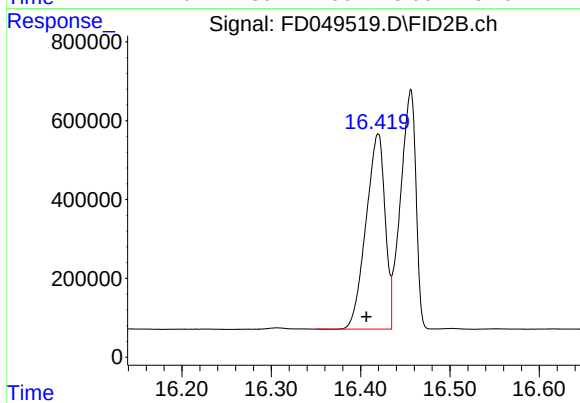
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: 0.010 min
Response: 7754212
Conc: 52.54 ug/ml



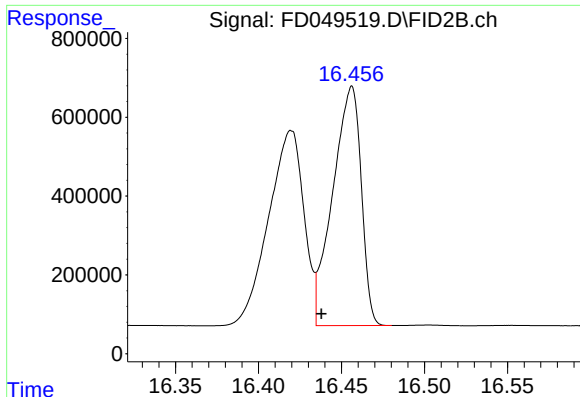
#15 Chrysene (C27.41)

R.T.: 14.913 min
Delta R.T.: 0.014 min
Response: 8541766
Conc: 57.31 ug/ml



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

R.T.: 16.420 min
Delta R.T.: 0.013 min
Response: 7347076
Conc: 52.29 ug/ml



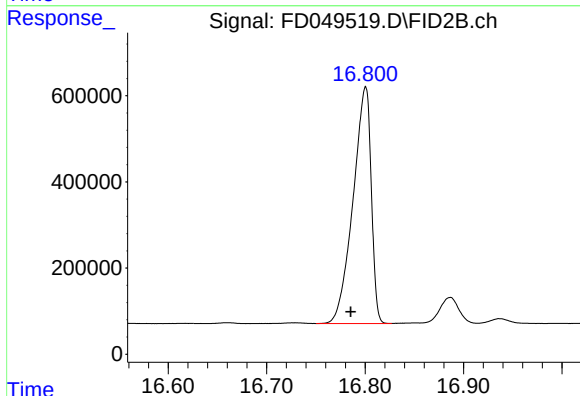
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.456 min
Delta R.T.: 0.018 min
Response: 7243643
Conc: 54.54 ug/ml

Instrument :
FID_D
ClientSampleId :
S-1MS

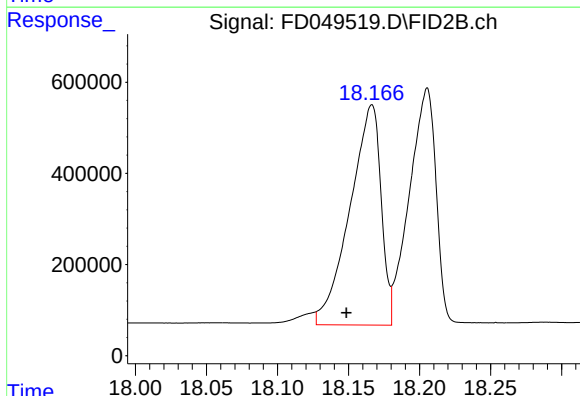
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



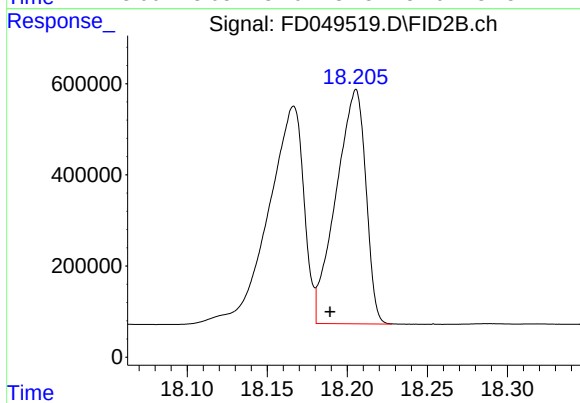
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.800 min
Delta R.T.: 0.015 min
Response: 7045323
Conc: 51.53 ug/ml



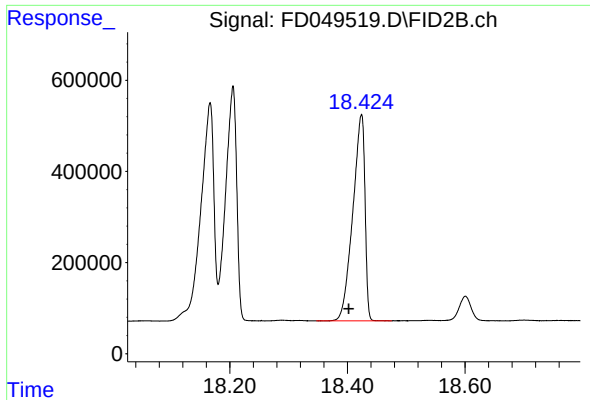
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.166 min
Delta R.T.: 0.018 min
Response: 7385767
Conc: 60.33 ug/ml m



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

R.T.: 18.205 min
Delta R.T.: 0.016 min
Response: 6619334
Conc: 51.69 ug/ml m



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

R.T.: 18.424 min
Delta R.T.: 0.022 min
Response: 6489790
Conc: 50.77 ug/ml

Instrument :

FID_D

ClientSampleId :

S-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2025

Supervised By :mohammad ahmed 06/27/2025