

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091923AR\
 Data File : FD046541.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2023 15:14
 Operator : YP/AJ
 Sample : 04433-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PILE-2MS

Integration File: autoint1.e
 Quant Time: Sep 20 01:12:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.494	9201832	52.216 ug/ml
Spiked Amount 50.000		Recovery =	104.43%
6) S 2-Fluorobiphenyl (SURR)	8.348	5841942	50.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.85%
11) S ortho-Terphenyl (SURR)	11.385	7308662	35.874 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	6206212	33.602 ug/ml
2) T Naphthalene (C11.7)	5.832	7124839	36.872 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7521207	38.812 ug/ml
5) T Acenaphthylene (C15.06)	8.151	8075211	45.797 ug/ml
7) T Acenaphthene (C15.5)	8.448	7958950	42.359 ug/ml
8) T Fluorene (C16.55)	9.225	8213770	45.533 ug/ml
9) T Phenanthrene (C19.36)	10.615	8300720	47.210 ug/ml
10) T Anthracene (C19.43)	10.691	8179560	53.254 ug/ml
12) T Fluoranthene (C21.85)	12.419	8320797	48.820 ug/ml
13) T Pyrene (C20.8)	12.715	8356939	50.942 ug/ml
14) T Benzo[a]anthracene (C...	14.578	7564973	54.177 ug/ml
15) T Chrysene (C27.41)	14.622	7549171	49.730 ug/ml
16) T benzo[b]fluoranthene ...	16.120	7140143	52.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7094006	51.211 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	6743715	50.409 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6654756	53.090 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	6278850	47.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	6342592	48.096 ug/ml

(f)=RT Delta > 1/2 Window

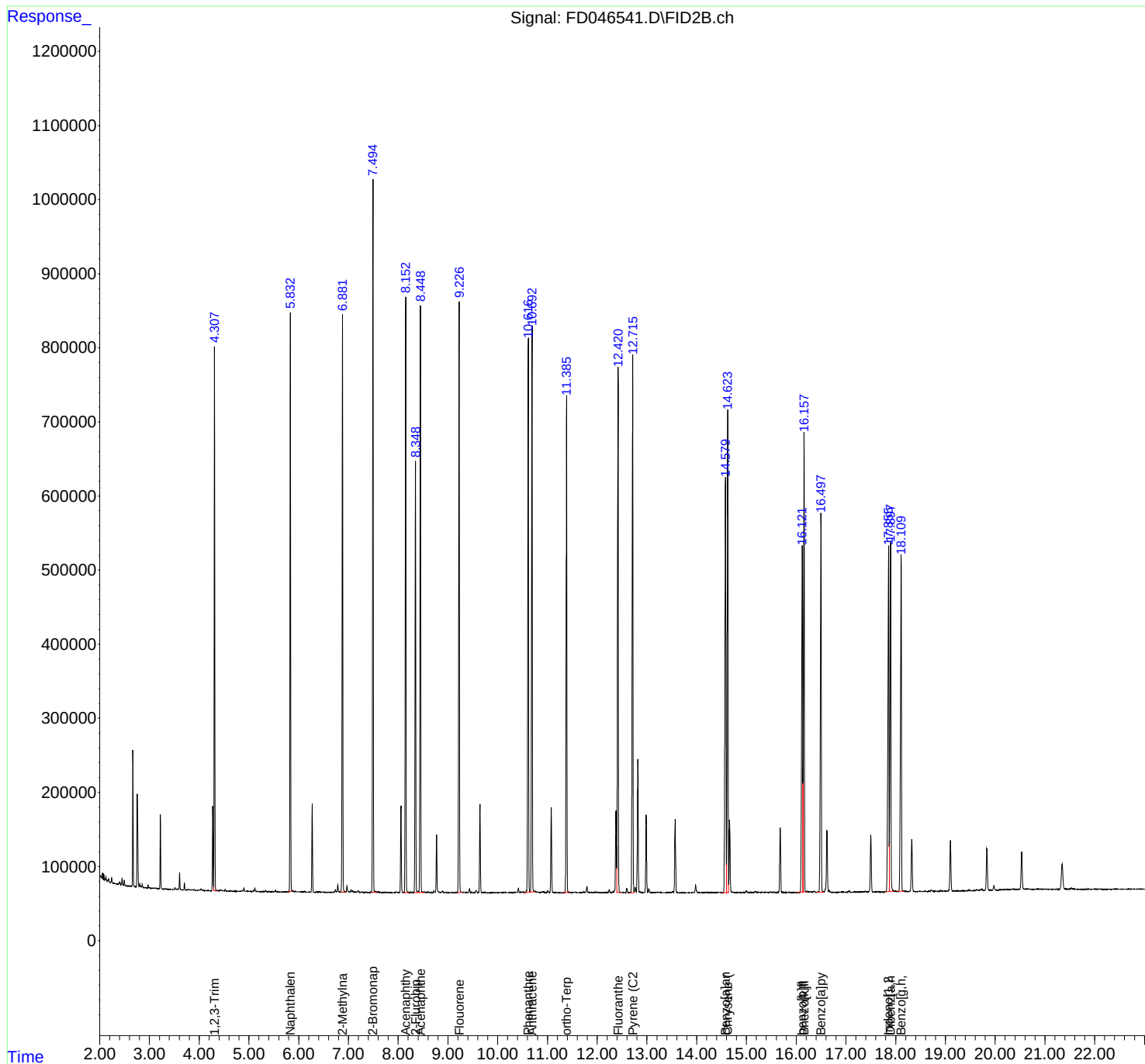
(m)=manual int.

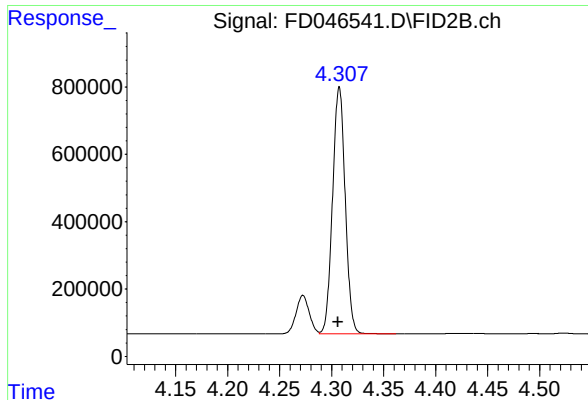
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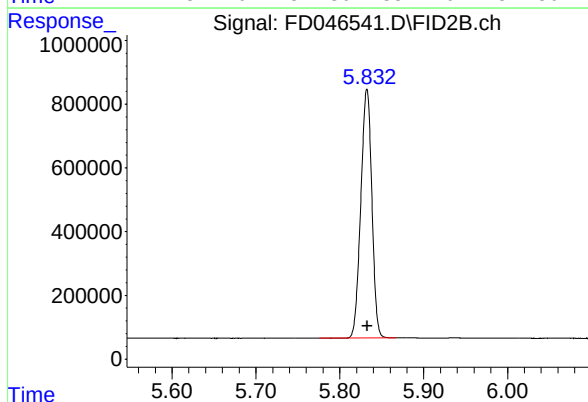




#1 1,2,3-Trimethylbenzene (C10.1)

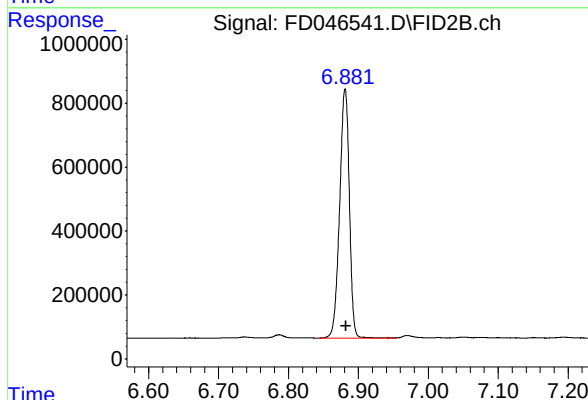
R.T.: 4.307 min
Delta R.T.: 0.001 min
Response: 6206212
Conc: 33.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PILE-2MS



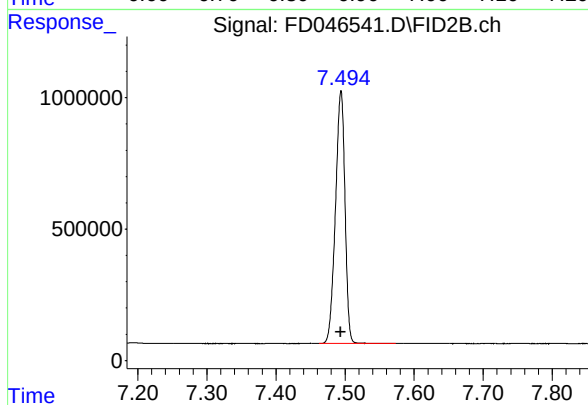
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 7124839
Conc: 36.87 ug/ml



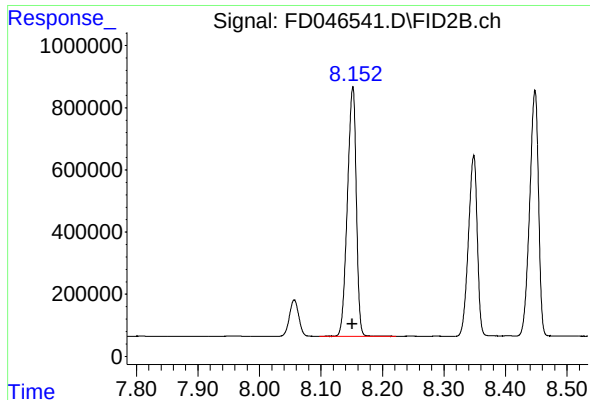
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 7521207
Conc: 38.81 ug/ml



#4 2-Bromonaphthalene (SURR)

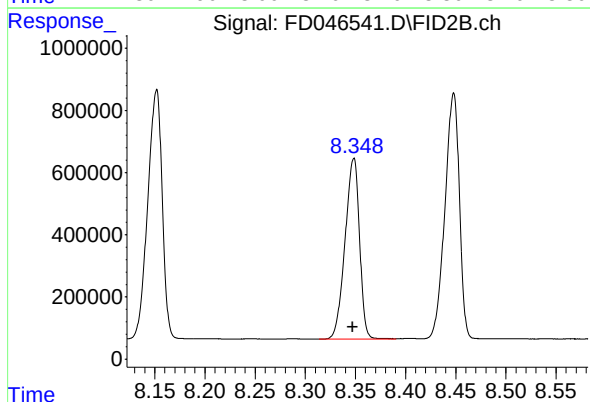
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 9201832
Conc: 52.22 ug/ml



#5 Acenaphthylene (C15.06)

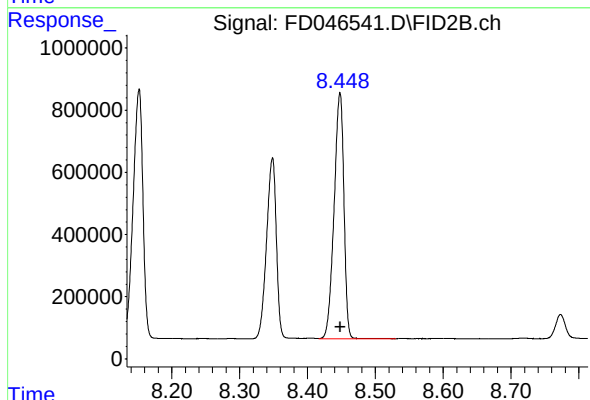
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 8075211
Conc: 45.80 ug/ml

Instrument :
FID_D
ClientSampleId :
PILE-2MS



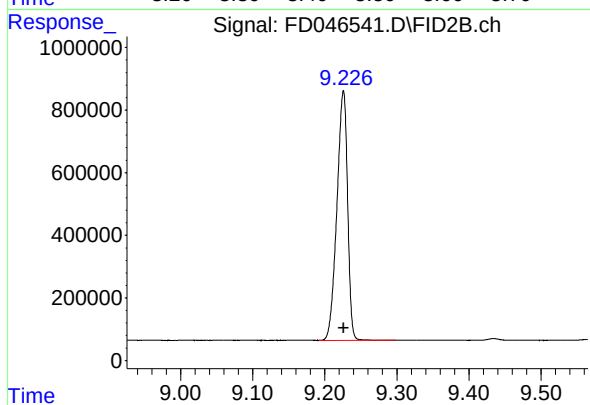
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 5841942
Conc: 50.42 ug/ml



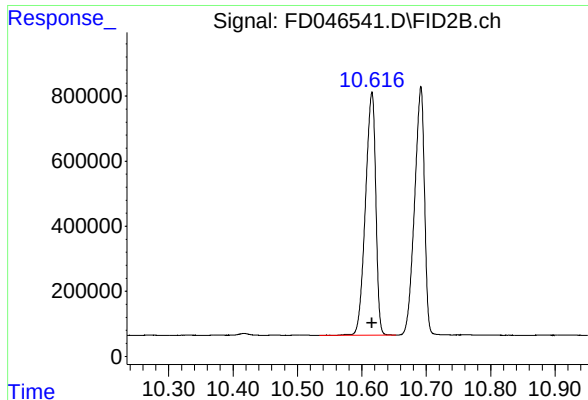
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 7958950
Conc: 42.36 ug/ml



#8 Flouorene (C16.55)

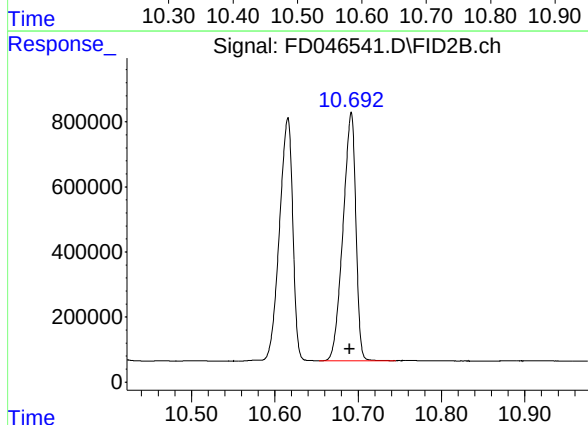
R.T.: 9.225 min
Delta R.T.: 0.000 min
Response: 8213770
Conc: 45.53 ug/ml



#9 Phenanthrene (C19.36)

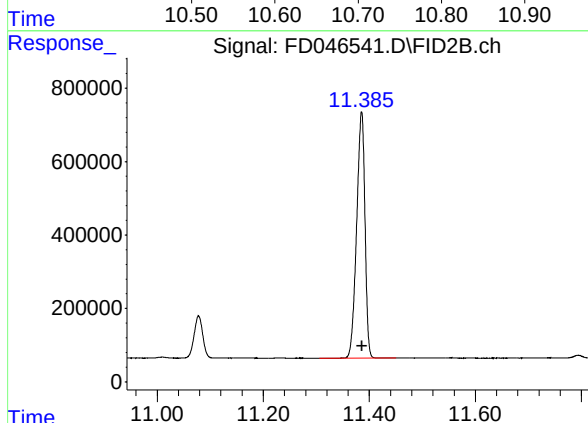
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 8300720
Conc: 47.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PILE-2MS



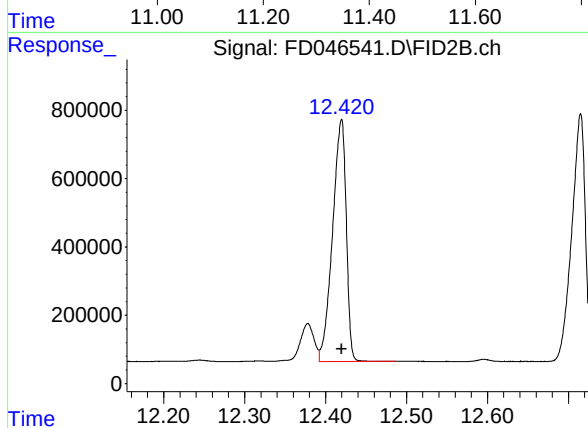
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.002 min
Response: 8179560
Conc: 53.25 ug/ml



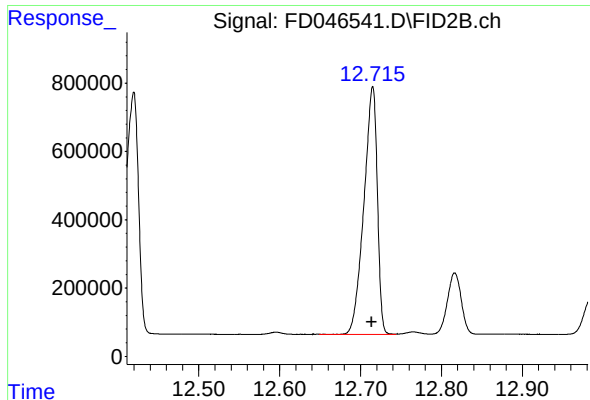
#11 ortho-Terphenyl (SURRE)

R.T.: 11.385 min
Delta R.T.: -0.001 min
Response: 7308662
Conc: 35.87 ug/ml



#12 Fluoranthene (C21.85)

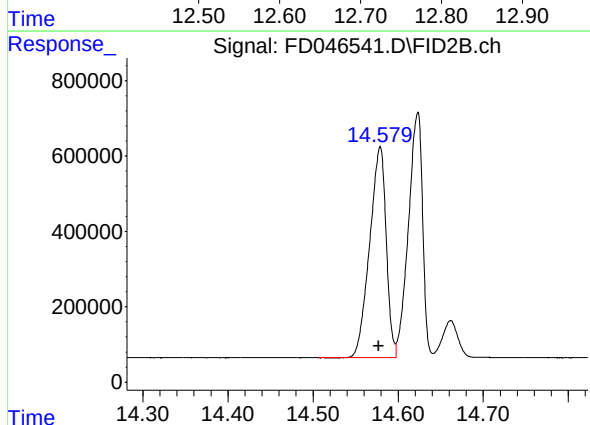
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 8320797
Conc: 48.82 ug/ml



#13 Pyrene (C20.8)

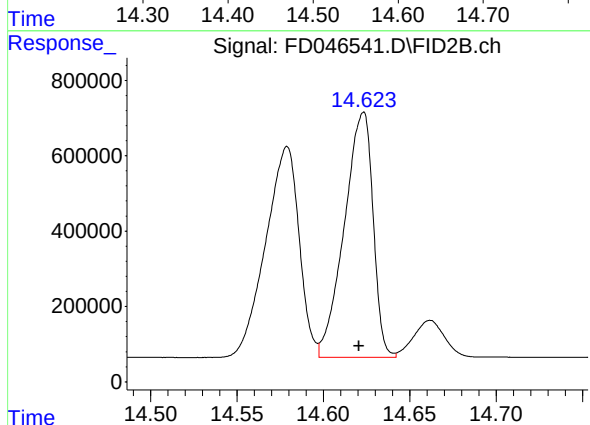
R.T.: 12.715 min
Delta R.T.: 0.001 min
Response: 8356939
Conc: 50.94 ug/ml

Instrument :
FID_D
ClientSampleId :
PILE-2MS



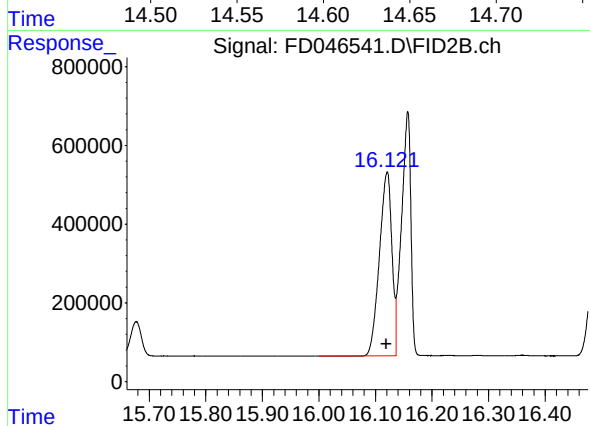
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.001 min
Response: 7564973
Conc: 54.18 ug/ml



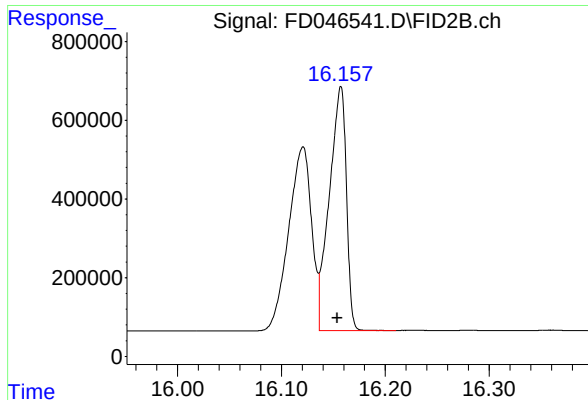
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.002 min
Response: 7549171
Conc: 49.73 ug/ml



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

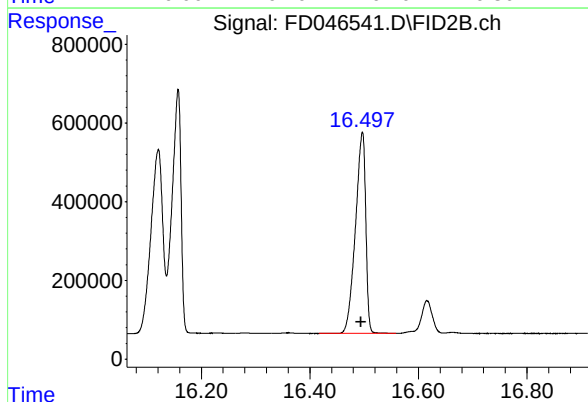
R.T.: 16.120 min
Delta R.T.: 0.001 min
Response: 7140143
Conc: 52.05 ug/ml



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

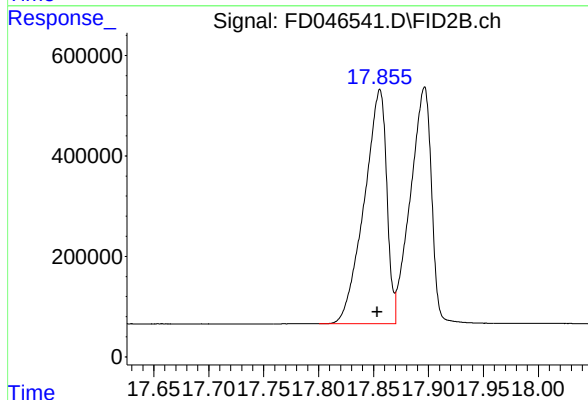
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 7094006
Conc: 51.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PILE-2MS



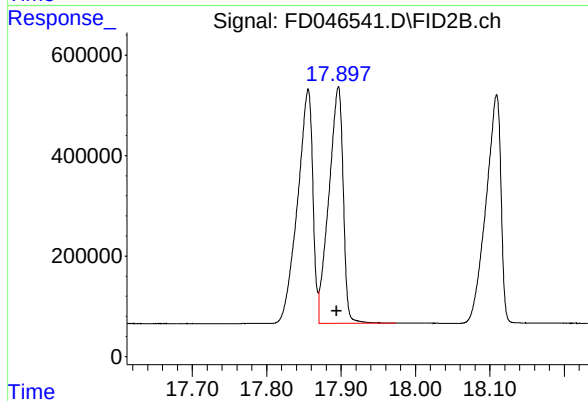
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: 0.002 min
Response: 6743715
Conc: 50.41 ug/ml



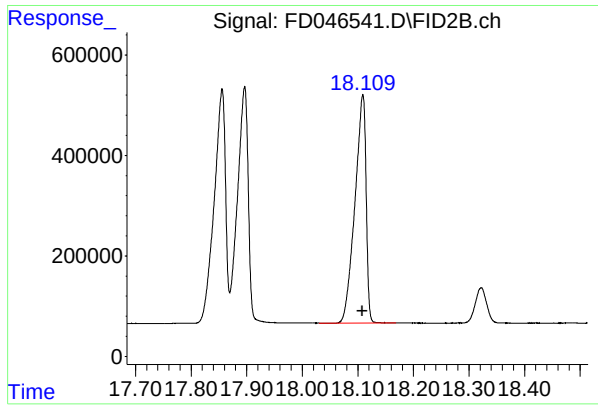
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.002 min
Response: 6654756
Conc: 53.09 ug/ml



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

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 6278850
Conc: 47.18 ug/ml



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

R.T.: 18.108 min

Delta R.T.: 0.000 min

Response: 6342592

Conc: 48.10 ug/ml

Instrument :

FID_D

ClientSampleId :

PILE-2MS