

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060925AR\
 Data File : FD049416.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jun 2025 16:57
 Operator : YP/AJ
 Sample : PB168324BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168324BS

Integration File: autoint1.e
 Quant Time: Jun 10 02:35:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.733	5669143	34.103 ug/ml
Spiked Amount 50.000		Recovery =	68.21%
6) S 2-Fluorobiphenyl (SURR)	8.599	3820043	33.393 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.79%
11) S ortho-Terphenyl (SURR)	11.645	5766961	28.731 ug/ml
Spiked Amount 50.000		Recovery =	57.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	3499901	21.997 ug/ml
2) T Naphthalene (C11.7)	6.069	4112843	23.424 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3979003	22.273 ug/ml
5) T Acenaphthylene (C15.06)	8.402	4730412	24.420 ug/ml
7) T Acenaphthene (C15.5)	8.698	4743954	24.940 ug/ml
8) T Flouorene (C16.55)	9.479	4948337	25.308 ug/ml
9) T Phenanthrene (C19.36)	10.878	5042655	26.521 ug/ml
10) T Anthracene (C19.43)	10.953	4835094	27.658 ug/ml
12) T Fluoranthene (C21.85)	12.694	5127373	28.426 ug/ml
13) T Pyrene (C20.8)	12.992	5142168	28.811 ug/ml
14) T Benzo[a]anthracene (C...	14.864	4698120	30.911 ug/ml
15) T Chrysene (C27.41)	14.908	5198728	34.235 ug/ml
16) T benzo[b]fluoranthene ...	16.416	4812910	33.250 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	4763515	33.195 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	4620605	33.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	4649880	36.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	4146286	30.799 ug/ml
21) T Benzo[g,h,i]perylene ...	18.419	4491854	33.326 ug/ml

(f)=RT Delta > 1/2 Window

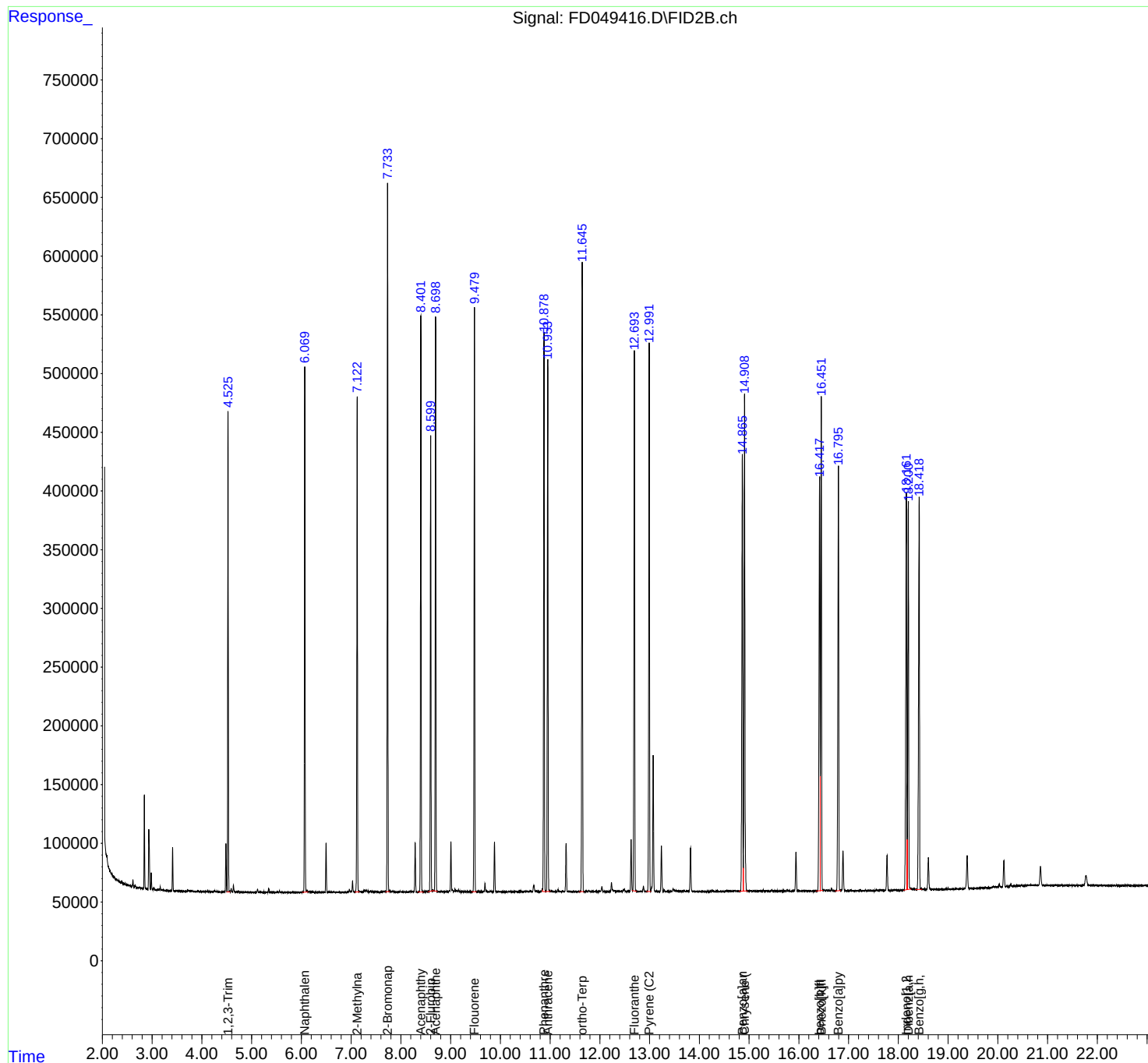
(m)=manual int.

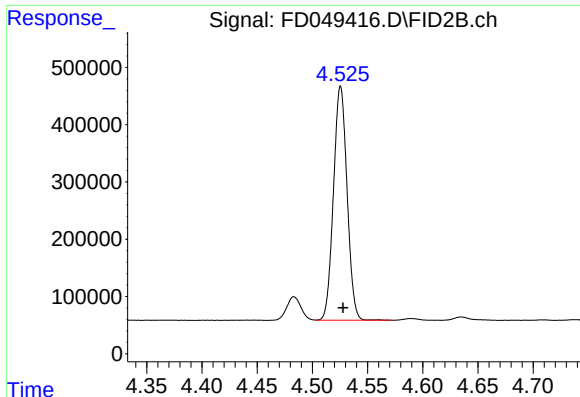
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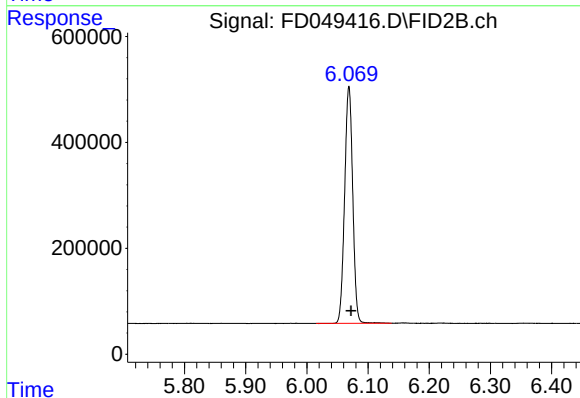




#1 1,2,3-Trimethylbenzene (C10.1)

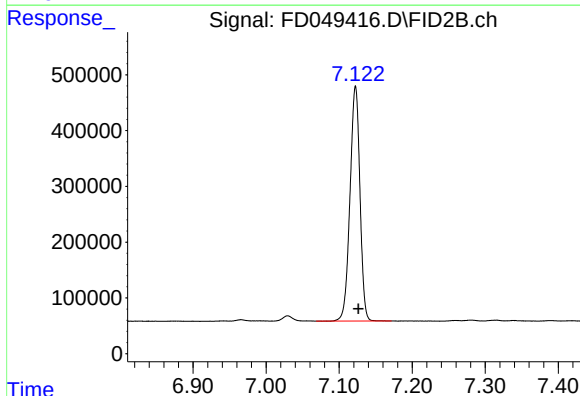
R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 3499901
Conc: 22.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BS



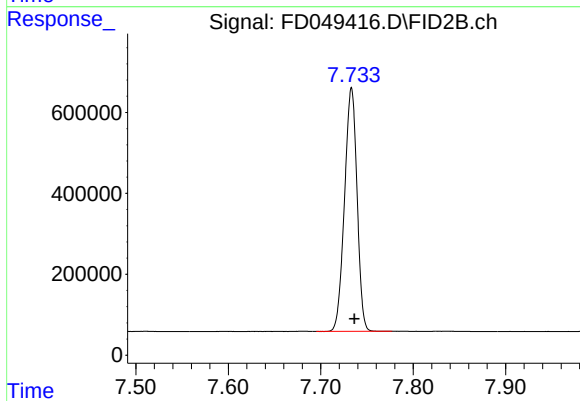
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 4112843
Conc: 23.42 ug/ml



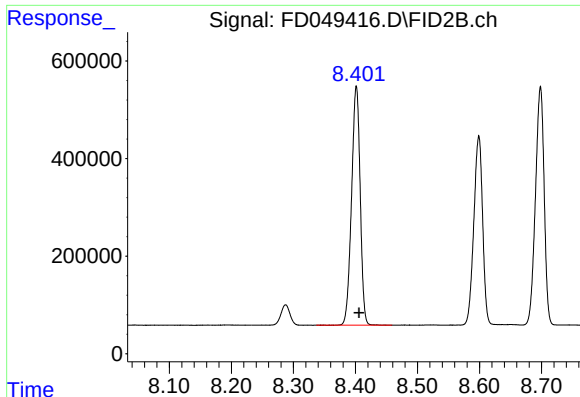
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 3979003
Conc: 22.27 ug/ml



#4 2-Bromonaphthalene (SURR)

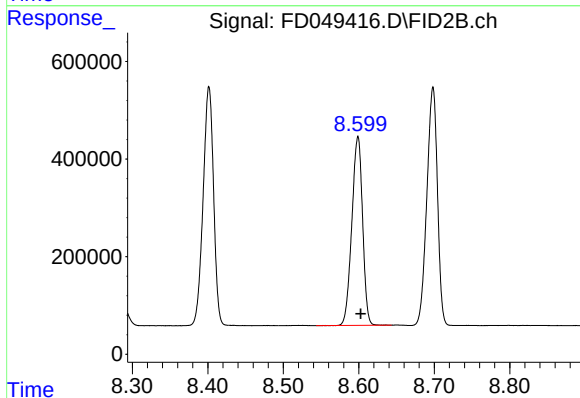
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 5669143
Conc: 34.10 ug/ml



#5 Acenaphthylene (C15.06)

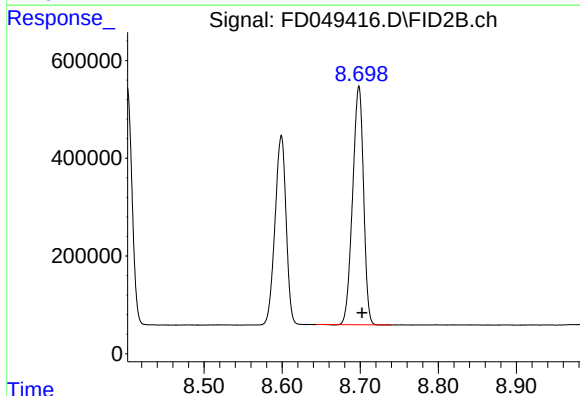
R.T.: 8.402 min
Delta R.T.: -0.004 min
Response: 4730412
Conc: 24.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BS



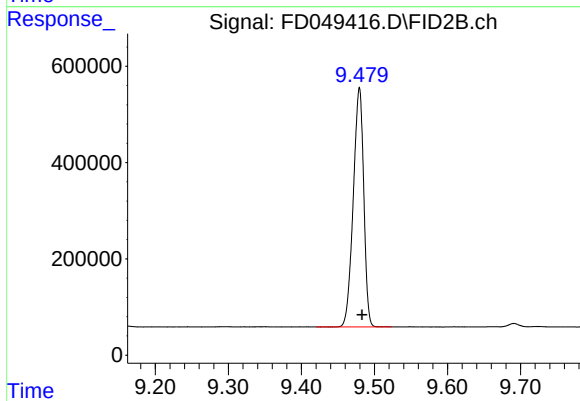
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 3820043
Conc: 33.39 ug/ml



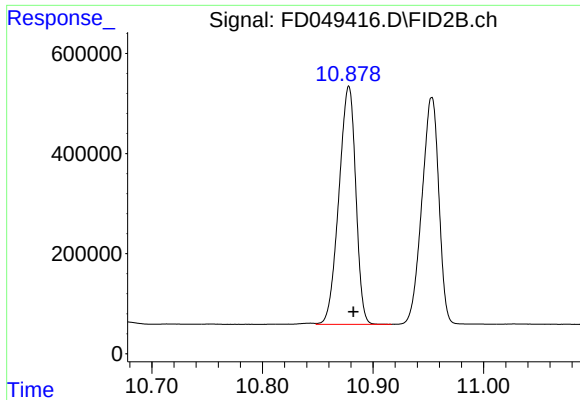
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: -0.004 min
Response: 4743954
Conc: 24.94 ug/ml



#8 Fluorene (C16.55)

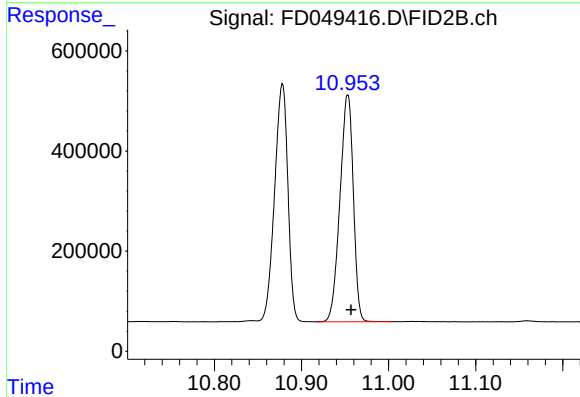
R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 4948337
Conc: 25.31 ug/ml



#9 Phenanthrene (C19.36)

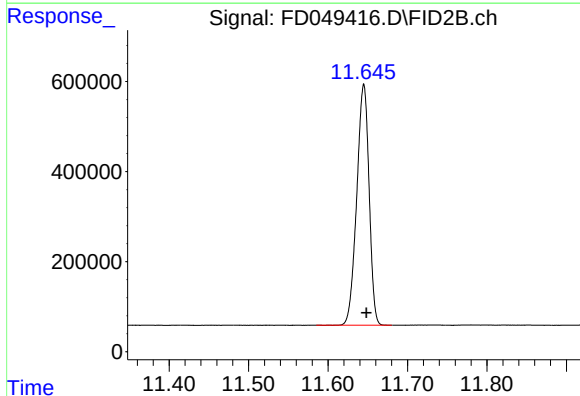
R.T.: 10.878 min
Delta R.T.: -0.004 min
Response: 5042655
Conc: 26.52 ug/ml

Instrument :
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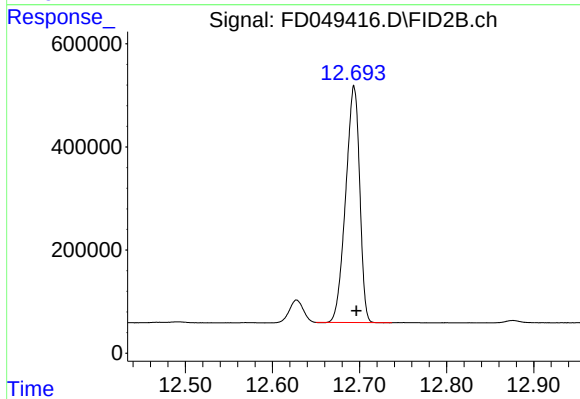
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.004 min
Response: 4835094
Conc: 27.66 ug/ml



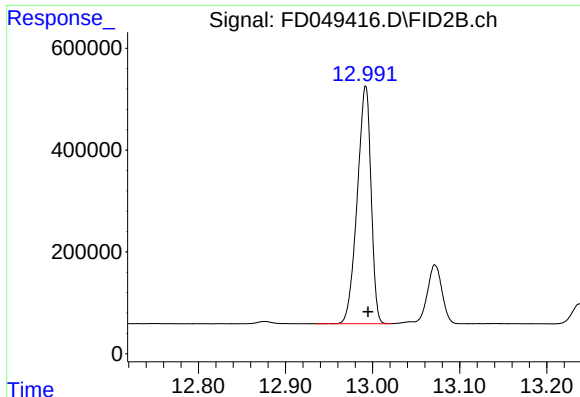
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 5766961
Conc: 28.73 ug/ml



#12 Fluoranthene (C21.85)

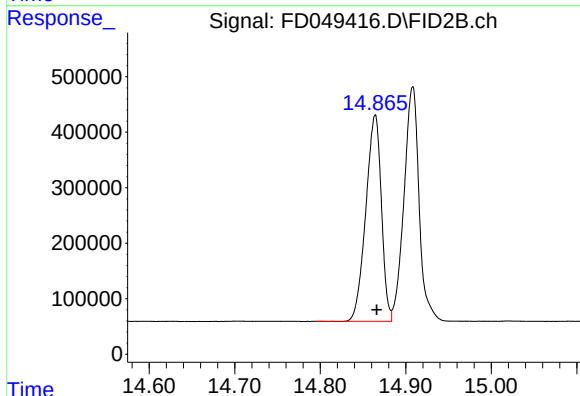
R.T.: 12.694 min
Delta R.T.: -0.003 min
Response: 5127373
Conc: 28.43 ug/ml



#13 Pyrene (C20.8)

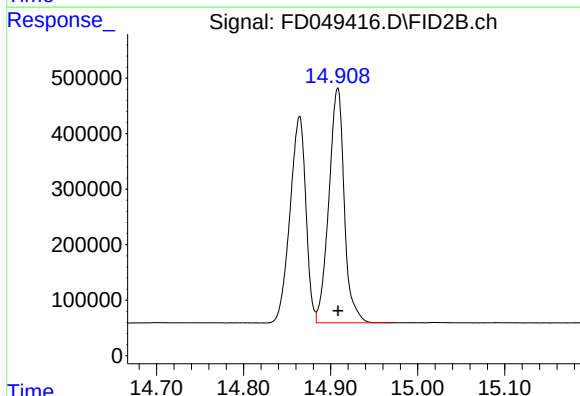
R.T.: 12.992 min
Delta R.T.: -0.003 min
Response: 5142168
Conc: 28.81 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BS



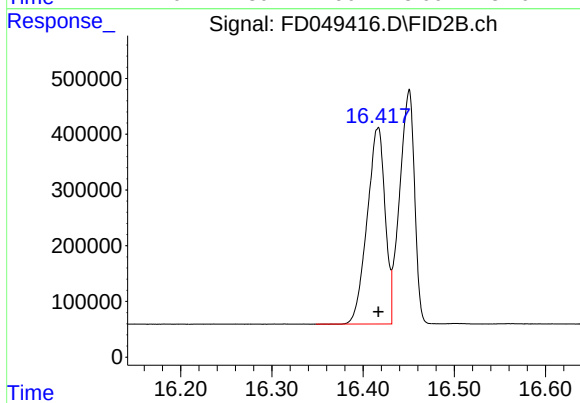
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: -0.002 min
Response: 4698120
Conc: 30.91 ug/ml



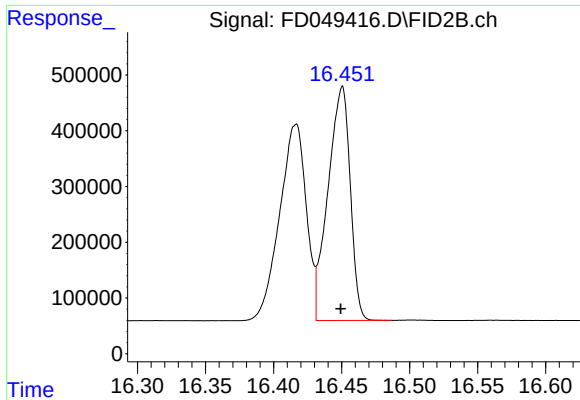
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.000 min
Response: 5198728
Conc: 34.23 ug/ml



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

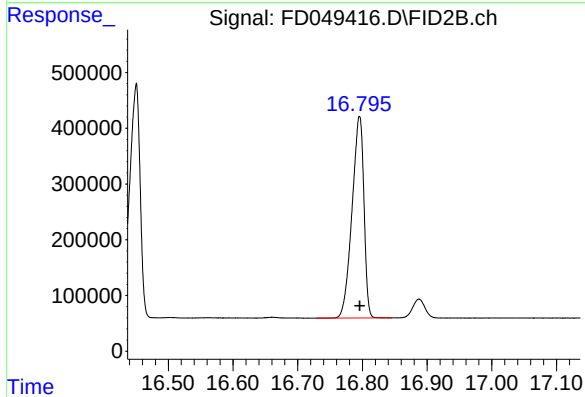
R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 4812910
Conc: 33.25 ug/ml



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

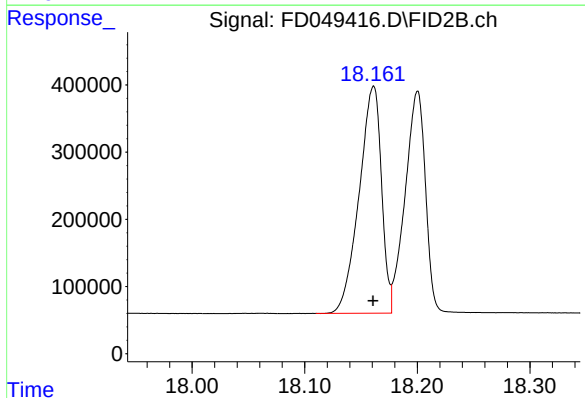
R.T.: 16.450 min
Delta R.T.: 0.001 min
Response: 4763515
Conc: 33.20 ug/ml

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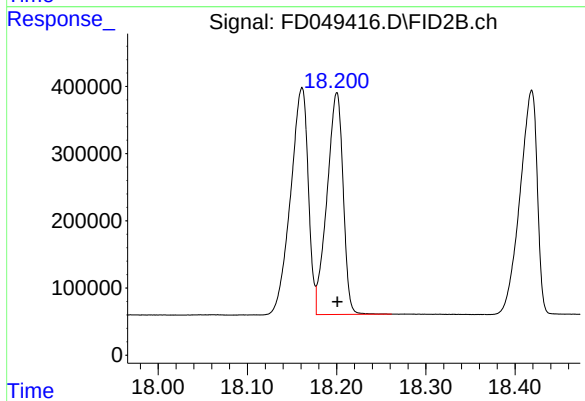
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 4620605
Conc: 34.00 ug/ml



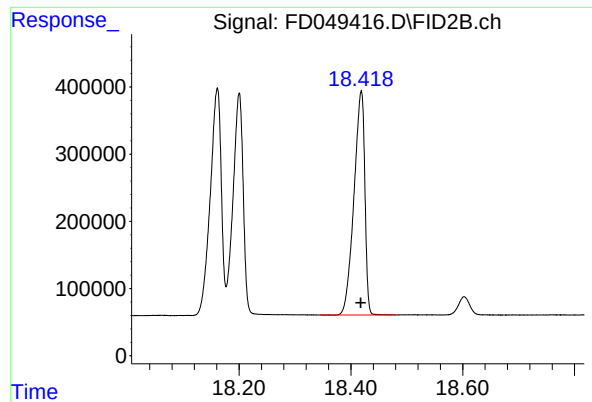
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.000 min
Response: 4649880
Conc: 36.40 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.000 min
Response: 4146286
Conc: 30.80 ug/ml



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

R.T.: 18.419 min
Delta R.T.: 0.001 min
Response: 4491854
Conc: 33.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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