

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062124AR\
 Data File : FD047960.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jun 2024 16:24
 Operator : YP/AJ
 Sample : PB161620BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161620BS

Integration File: autoint1.e
 Quant Time: Jun 22 04:19:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.418	6715466	46.177 ug/ml
Spiked Amount 50.000		Recovery =	92.35%
6) S 2-Fluorobiphenyl (SURR)	8.269	3646535	37.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.87%
11) S ortho-Terphenyl (SURR)	11.309	6961796	41.426 ug/ml
Spiked Amount 50.000		Recovery =	82.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	3991135	24.833 ug/ml
2) T Naphthalene (C11.7)	5.757	5138652	30.345 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	5536215	32.152 ug/ml
5) T Acenaphthylene (C15.06)	8.072	6460933	38.467 ug/ml
7) T Acenaphthene (C15.5)	8.367	5956109	35.140 ug/ml
8) T Flouorene (C16.55)	9.147	6737128	40.574 ug/ml
9) T Phenanthrene (C19.36)	10.536	6860079	41.903 ug/ml
10) T Anthracene (C19.43)	10.611	6789400	41.745 ug/ml
12) T Fluoranthene (C21.85)	12.343	7217840	43.832 ug/ml
13) T Pyrene (C20.8)	12.636	7193133	44.115 ug/ml
14) T Benzo[a]anthracene (C...	14.506	6932102	45.190 ug/ml
15) T Chrysene (C27.41)	14.549	6880383	42.070 ug/ml
16) T benzo[b]fluoranthene ...	16.054	6829173	44.447 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	6767434	45.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	6413388	42.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	6641441	50.509 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	6150019	38.831 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	6097137	40.559 ug/ml

(f)=RT Delta > 1/2 Window

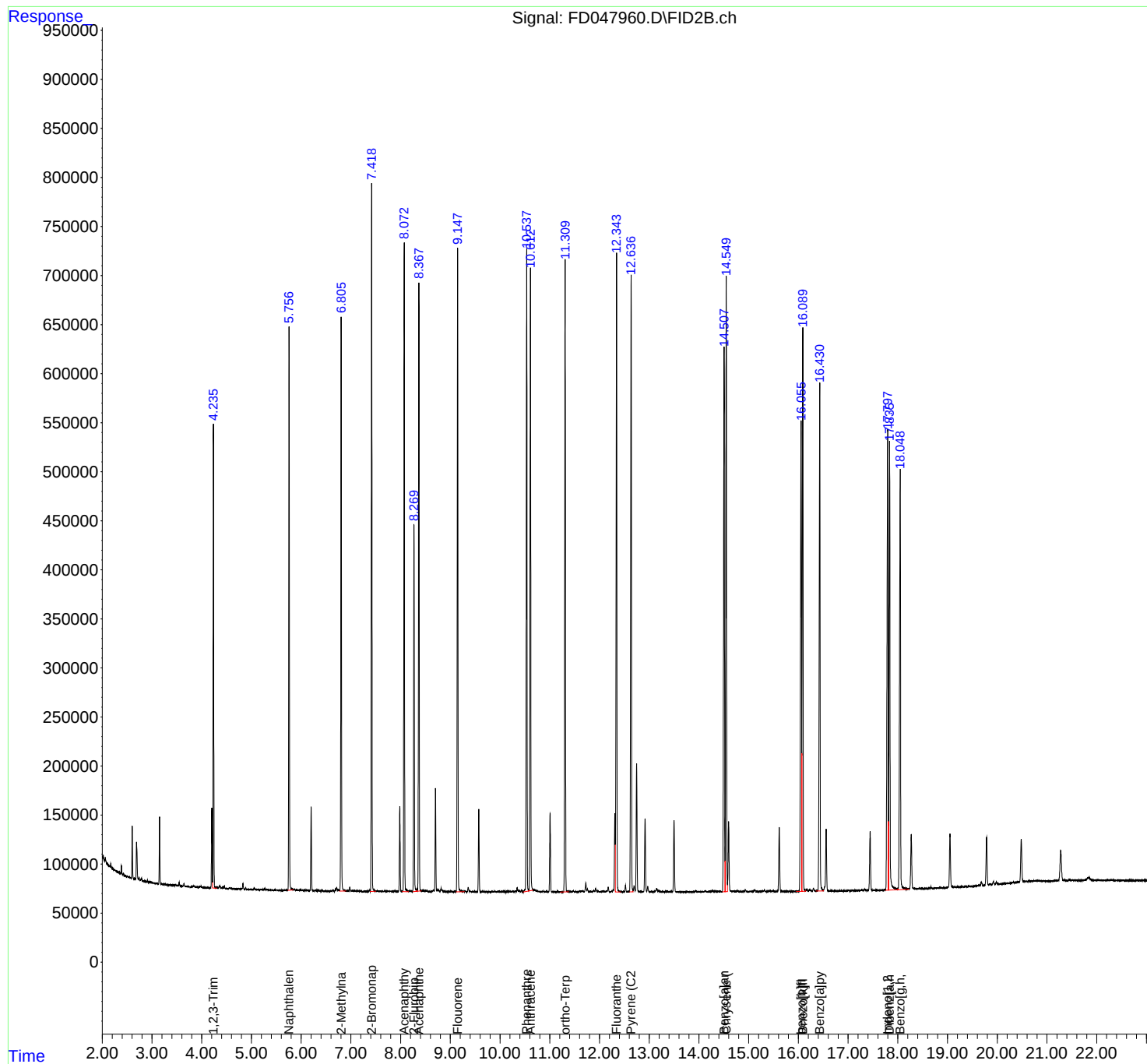
(m)=manual int.

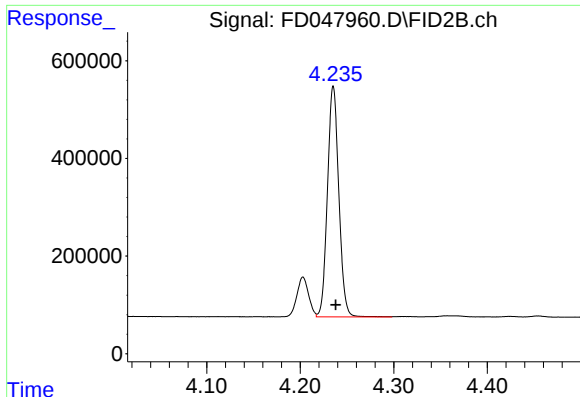
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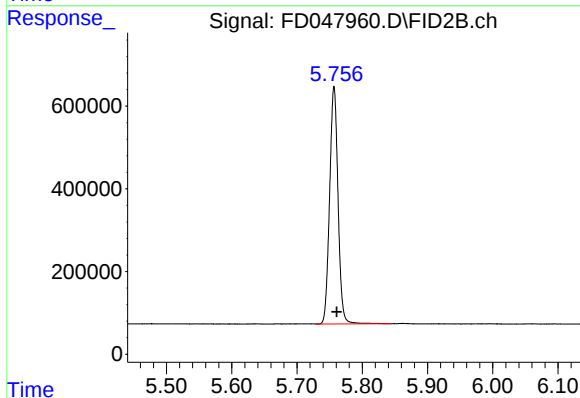




#1 1,2,3-Trimethylbenzene (C10.1)

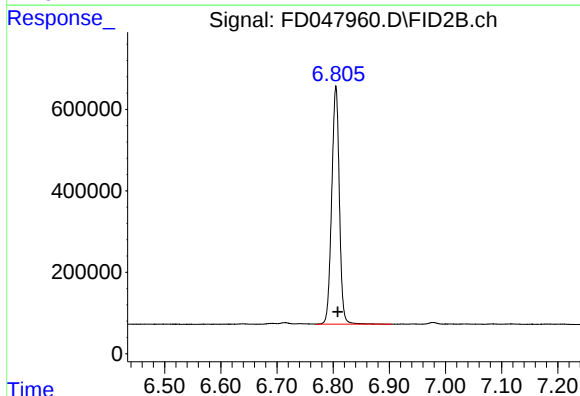
R.T.: 4.235 min
Delta R.T.: -0.003 min
Response: 3991135
Conc: 24.83 ug/ml

Instrument :
FID_D
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PB161620BS



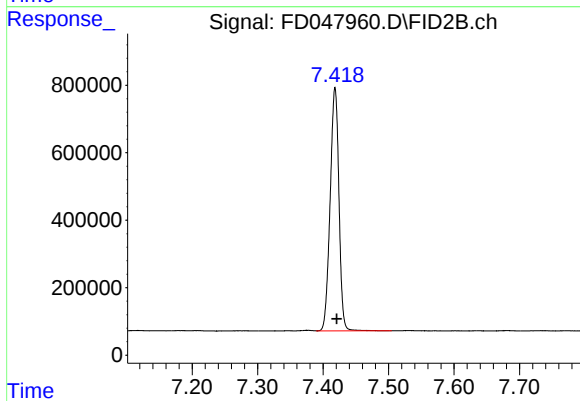
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.004 min
Response: 5138652
Conc: 30.35 ug/ml



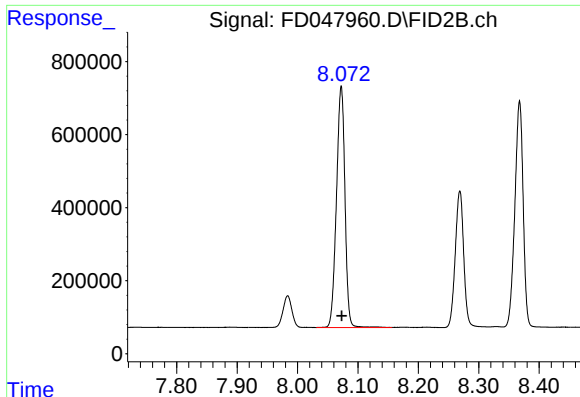
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.003 min
Response: 5536215
Conc: 32.15 ug/ml



#4 2-Bromonaphthalene (SURR)

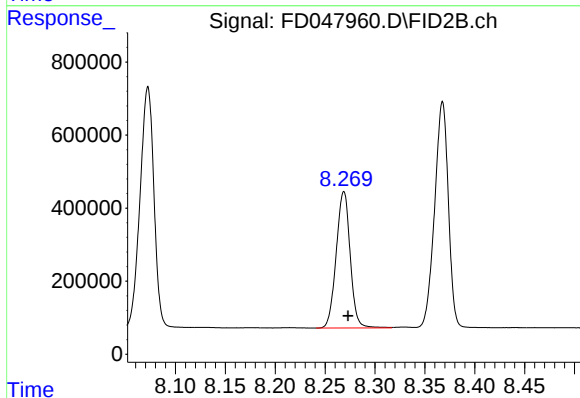
R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 6715466
Conc: 46.18 ug/ml



#5 Acenaphthylene (C15.06)

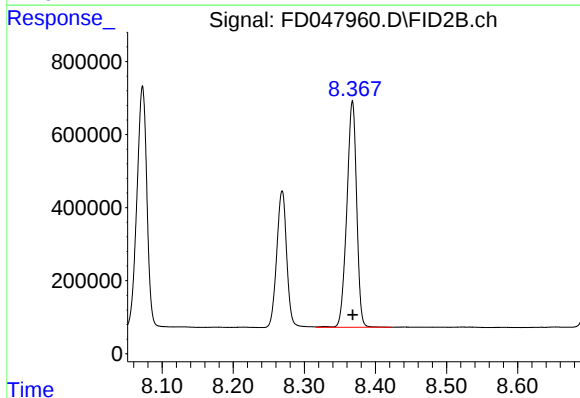
R.T.: 8.072 min
Delta R.T.: -0.001 min
Response: 6460933
Conc: 38.47 ug/ml

Instrument :
FID_D
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PB161620BS



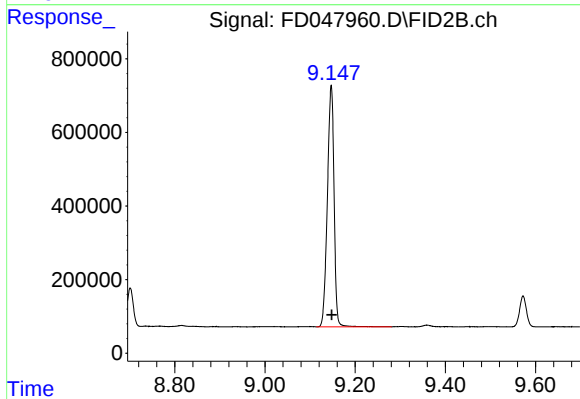
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 3646535
Conc: 37.44 ug/ml



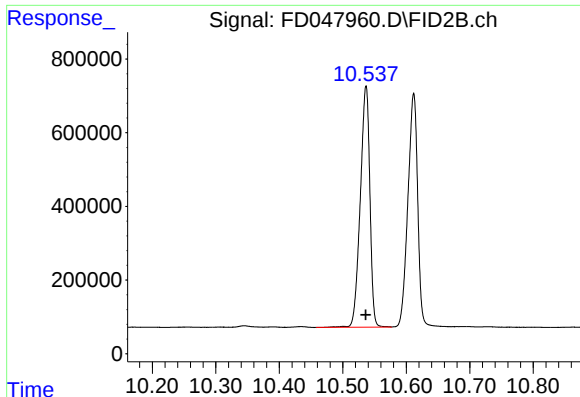
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 5956109
Conc: 35.14 ug/ml



#8 Flouorene (C16.55)

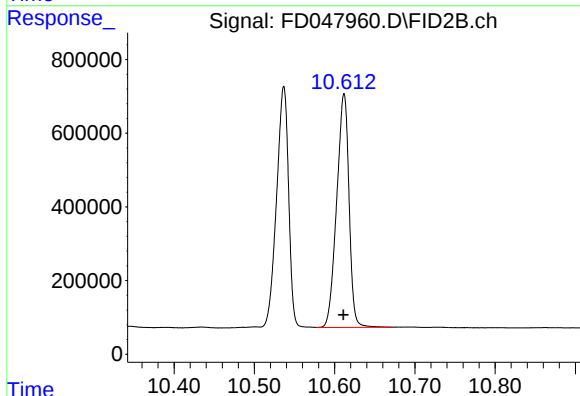
R.T.: 9.147 min
Delta R.T.: -0.001 min
Response: 6737128
Conc: 40.57 ug/ml



#9 Phenanthrene (C19.36)

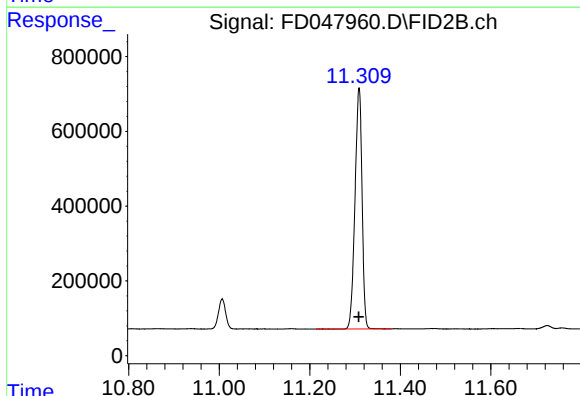
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 6860079
Conc: 41.90 ug/ml

Instrument :
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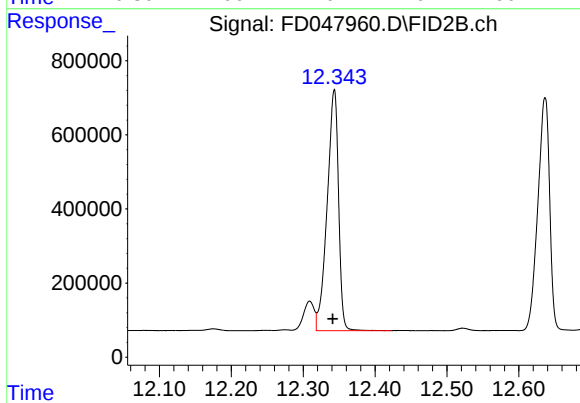
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: 0.000 min
Response: 6789400
Conc: 41.74 ug/ml



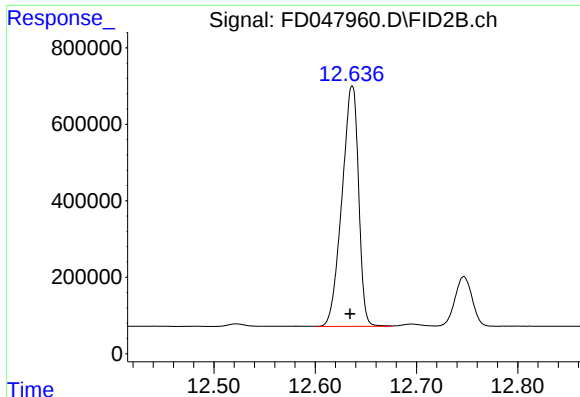
#11 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.000 min
Response: 6961796
Conc: 41.43 ug/ml



#12 Fluoranthene (C21.85)

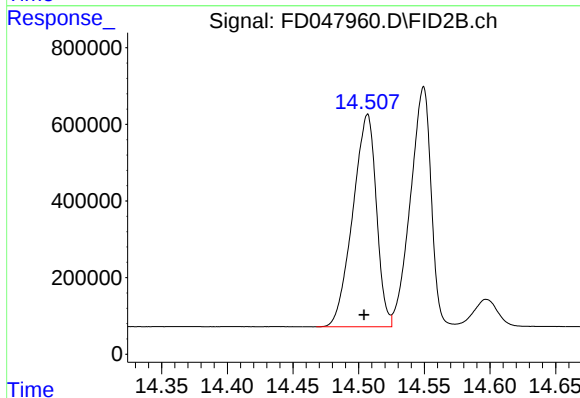
R.T.: 12.343 min
Delta R.T.: 0.002 min
Response: 7217840
Conc: 43.83 ug/ml



#13 Pyrene (C20.8)

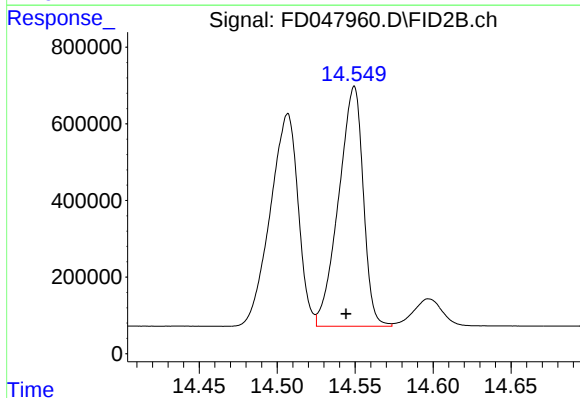
R.T.: 12.636 min
Delta R.T.: 0.002 min
Response: 7193133
Conc: 44.12 ug/ml

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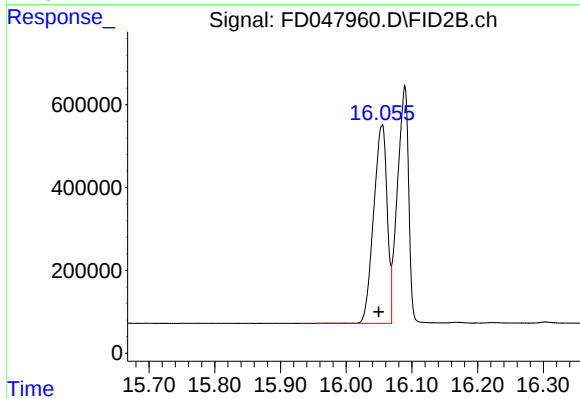
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: 0.002 min
Response: 6932102
Conc: 45.19 ug/ml



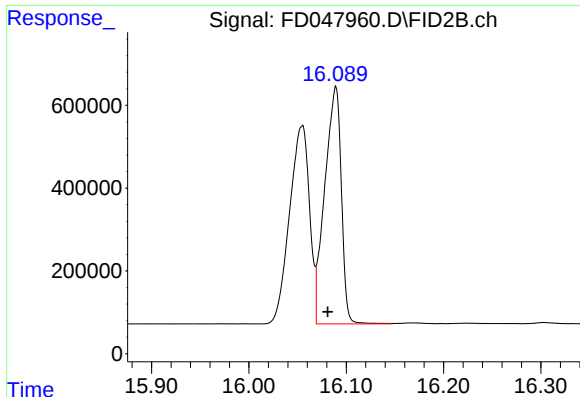
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: 0.005 min
Response: 6880383
Conc: 42.07 ug/ml



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

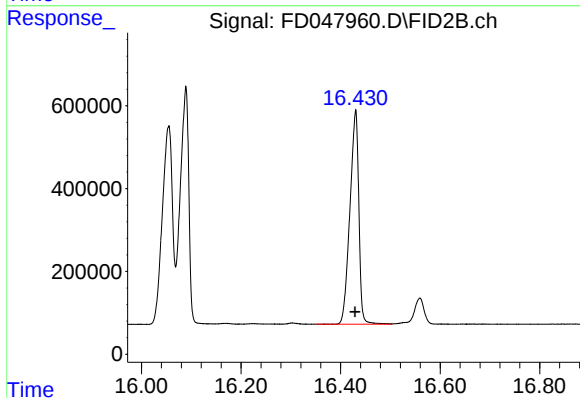
R.T.: 16.054 min
Delta R.T.: 0.005 min
Response: 6829173
Conc: 44.45 ug/ml



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

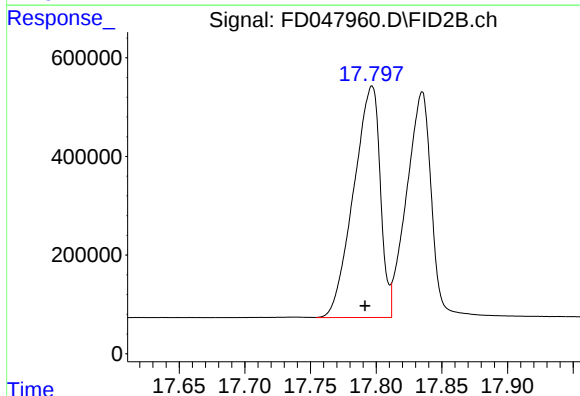
R.T.: 16.088 min
Delta R.T.: 0.008 min
Response: 6767434
Conc: 45.18 ug/ml

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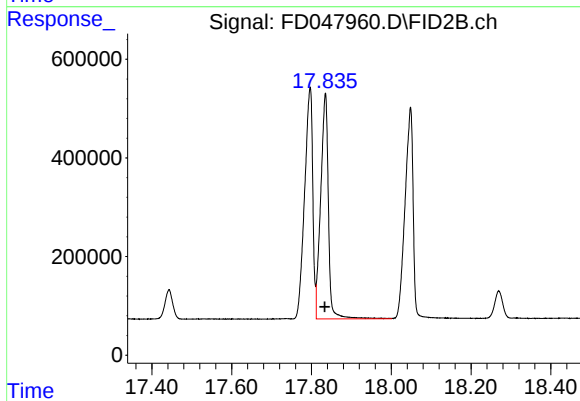
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: 0.000 min
Response: 6413388
Conc: 42.09 ug/ml



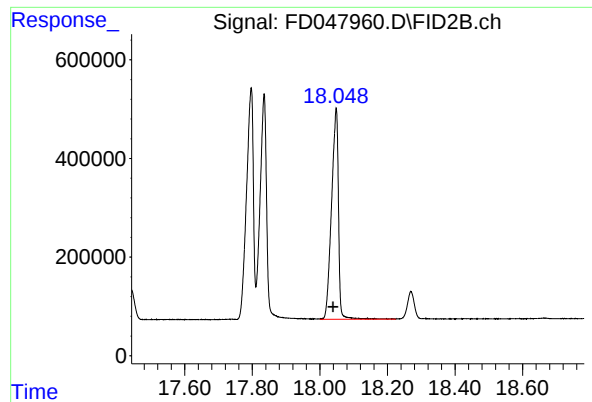
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: 0.005 min
Response: 6641441
Conc: 50.51 ug/ml



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

R.T.: 17.834 min
Delta R.T.: 0.000 min
Response: 6150019
Conc: 38.83 ug/ml



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

R.T.: 18.047 min
Delta R.T.: 0.008 min
Response: 6097137
Conc: 40.56 ug/ml

Instrument :

FID_D

ClientSampleId :

PB161620BS