

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
 Data File : FD049585.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2025 11:31
 Operator : YP/AJ
 Sample : PB168970BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168970BS

Integration File: sample.E
 Quant Time: Jul 24 03:47:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.735	6148479	46.994 ug/ml
Spiked Amount 50.000		Recovery =	93.99%
6) S 2-Fluorobiphenyl (SURR)	8.600	4273676	46.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.24%
11) S ortho-Terphenyl (SURR)	11.643	6323245	38.564 ug/ml
Spiked Amount 50.000		Recovery =	77.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3940091	30.499 ug/ml
2) T Naphthalene (C11.7)	6.071	4930938	33.691 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	4907492	32.315 ug/ml
5) T Acenaphthylene (C15.06)	8.404	5927600	37.343 ug/ml
7) T Acenaphthene (C15.5)	8.700	6017619	38.007 ug/ml
8) T Fluorene (C16.55)	9.481	6410791	40.131 ug/ml
9) T Phenanthrene (C19.36)	10.879	6625857	40.450 ug/ml
10) T Anthracene (C19.43)	10.954	5992054	37.617 ug/ml
12) T Fluoranthene (C21.85)	12.694	6864123	42.229 ug/ml
13) T Pyrene (C20.8)	12.992	6804070	41.925 ug/ml
14) T Benzo[a]anthracene (C...	14.863	6597577	45.050 ug/ml
15) T Chrysene (C27.41)	14.907	7120525	47.845 ug/ml
16) T benzo[b]fluoranthene ...	16.415	6487202	45.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	6348231	47.487 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	6069818	44.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	6278903	50.132 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	5794125	43.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	5719422	43.216 ug/ml

(f)=RT Delta > 1/2 Window

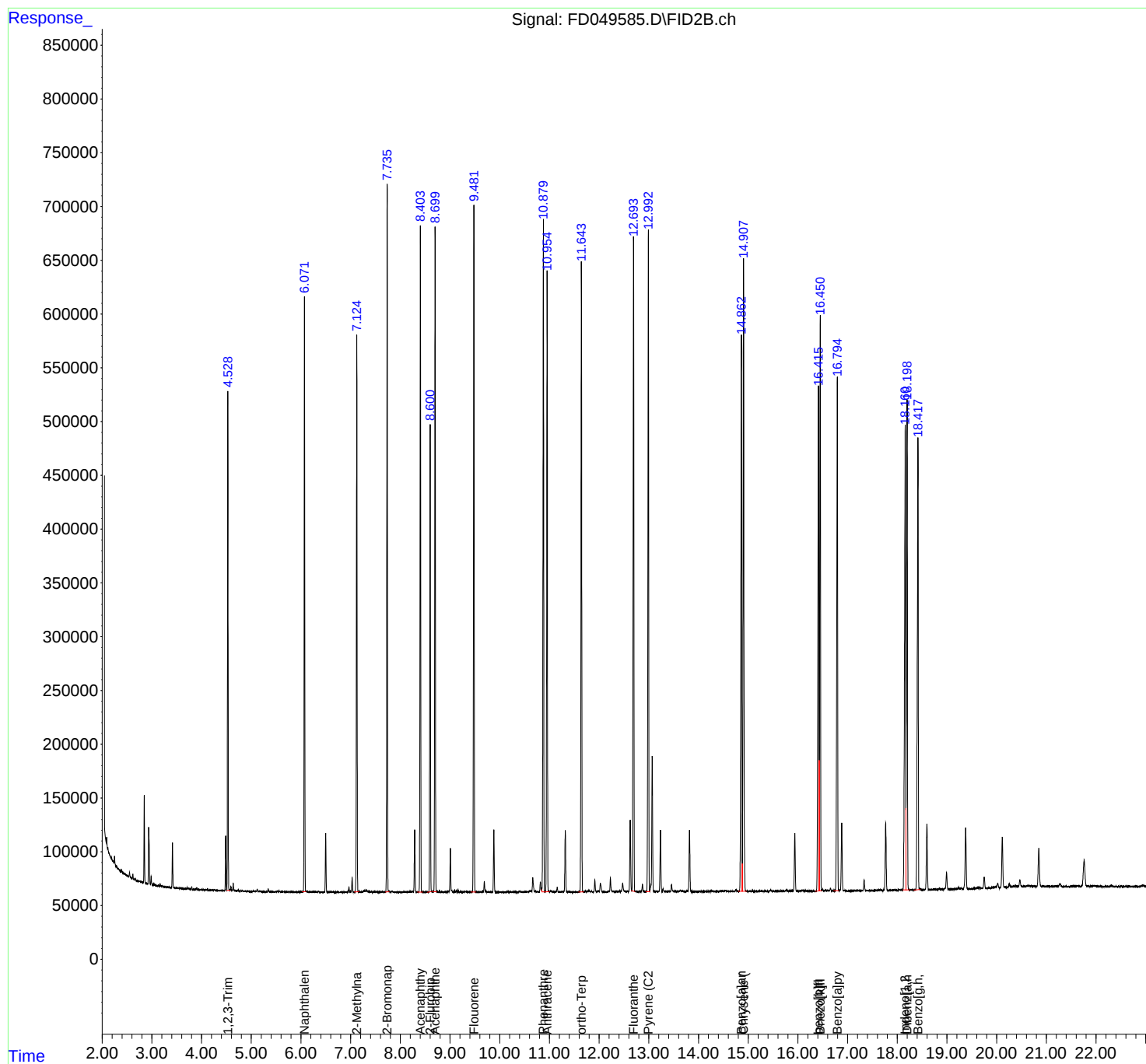
(m)=manual int.

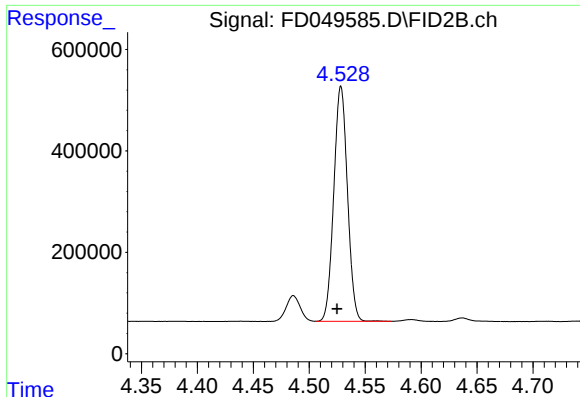
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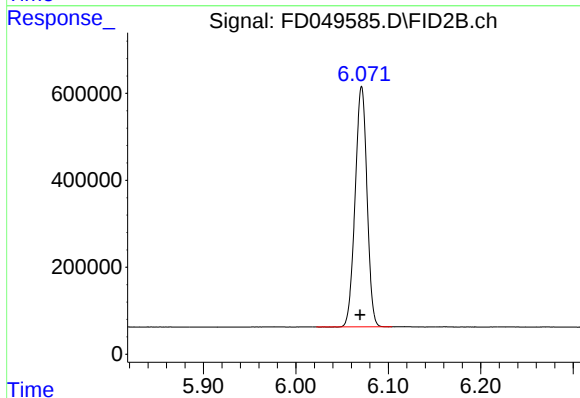




#1 1,2,3-Trimethylbenzene (C10.1)

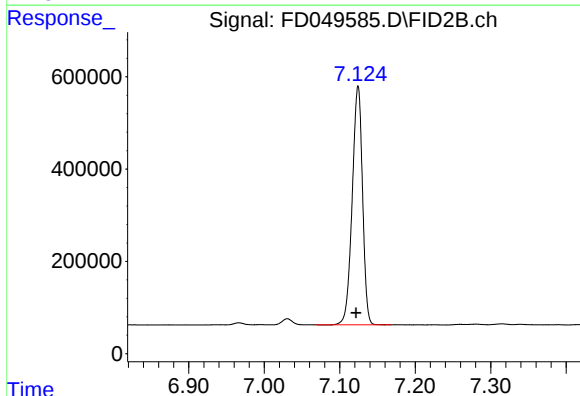
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 3940091
Conc: 30.50 ug/ml

Instrument :
FID_D
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PB168970BS



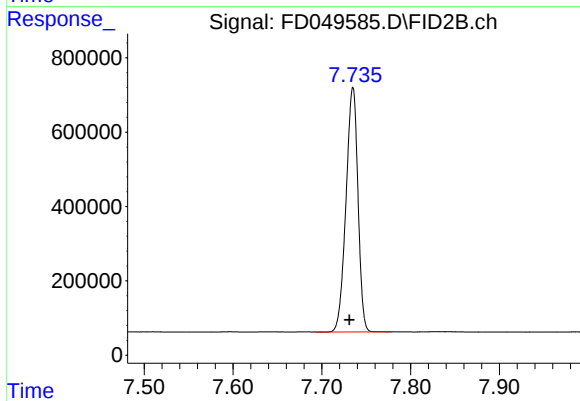
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 4930938
Conc: 33.69 ug/ml



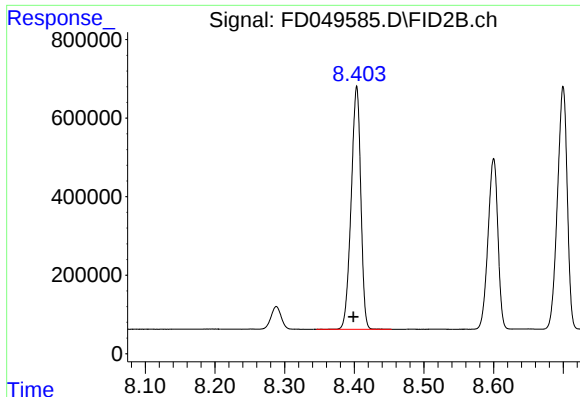
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.003 min
Response: 4907492
Conc: 32.32 ug/ml



#4 2-Bromonaphthalene (SURR)

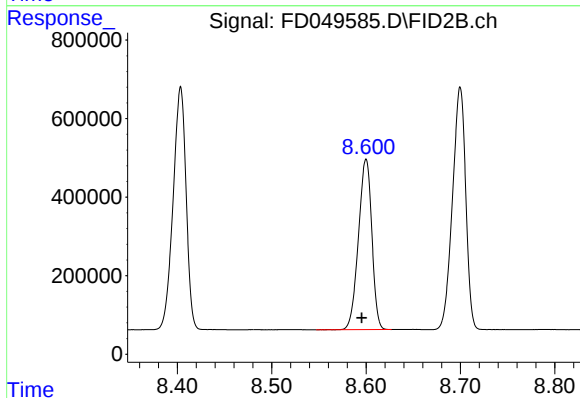
R.T.: 7.735 min
Delta R.T.: 0.004 min
Response: 6148479
Conc: 46.99 ug/ml



#5 Acenaphthylene (C15.06)

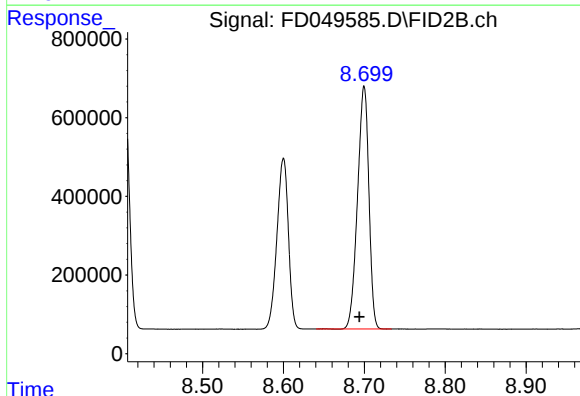
R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 5927600
Conc: 37.34 ug/ml

Instrument :
FID_D
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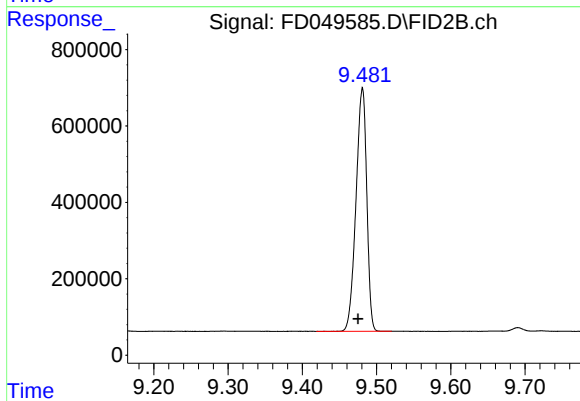
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: 0.004 min
Response: 4273676
Conc: 46.12 ug/ml



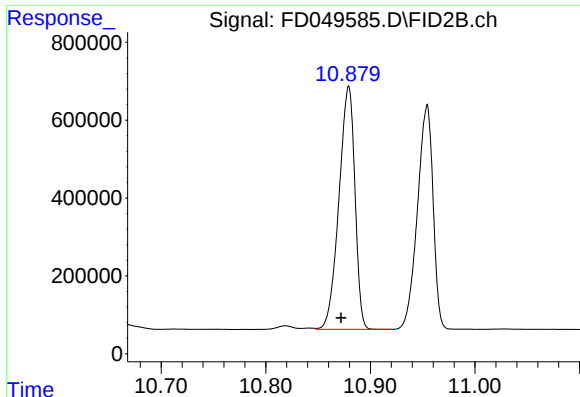
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.006 min
Response: 6017619
Conc: 38.01 ug/ml



#8 Fluorene (C16.55)

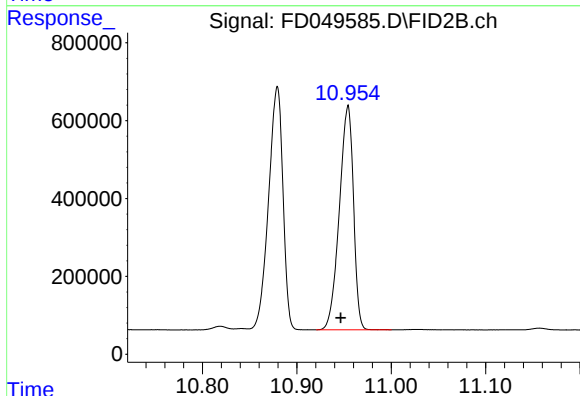
R.T.: 9.481 min
Delta R.T.: 0.006 min
Response: 6410791
Conc: 40.13 ug/ml



#9 Phenanthrene (C19.36)

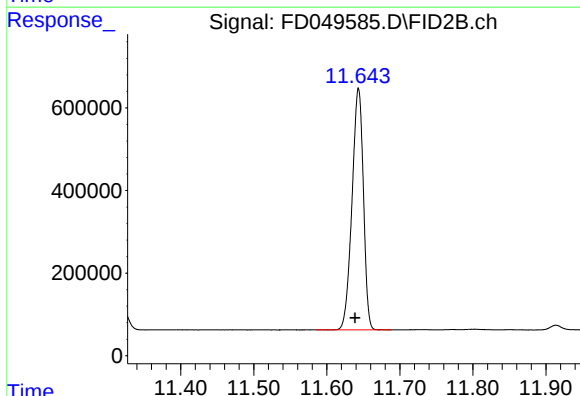
R.T.: 10.879 min
Delta R.T.: 0.007 min
Response: 6625857
Conc: 40.45 ug/ml

Instrument :
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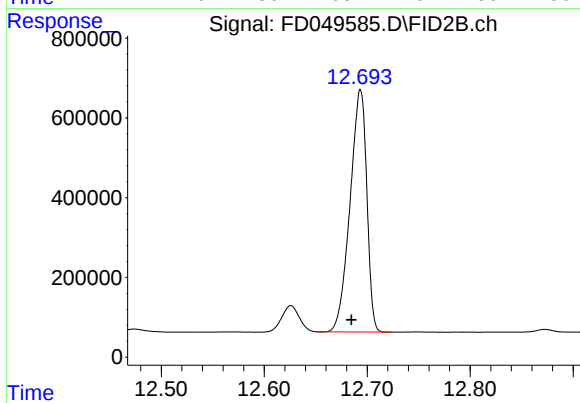
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: 0.008 min
Response: 5992054
Conc: 37.62 ug/ml



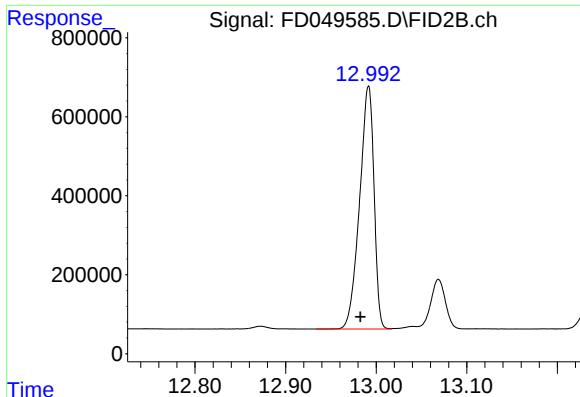
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.005 min
Response: 6323245
Conc: 38.56 ug/ml



#12 Fluoranthene (C21.85)

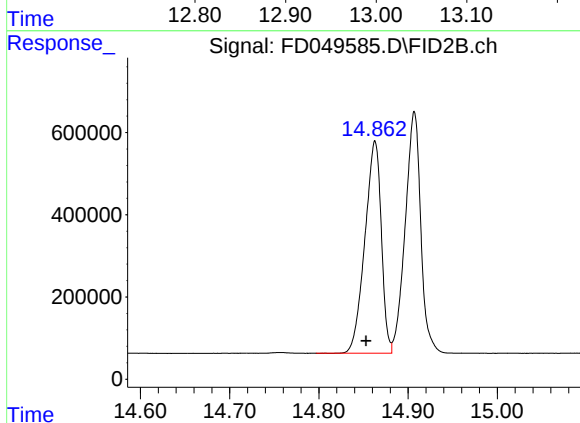
R.T.: 12.694 min
Delta R.T.: 0.009 min
Response: 6864123
Conc: 42.23 ug/ml



#13 Pyrene (C20.8)

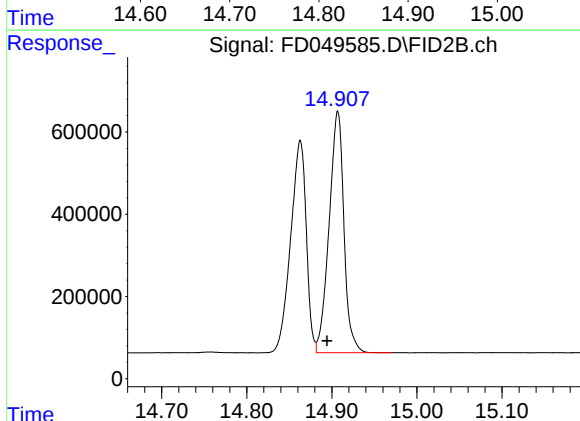
R.T.: 12.992 min
Delta R.T.: 0.009 min
Response: 6804070
Conc: 41.93 ug/ml

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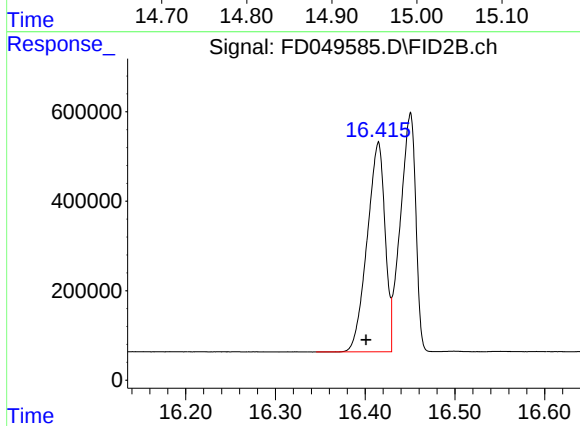
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.010 min
Response: 6597577
Conc: 45.05 ug/ml



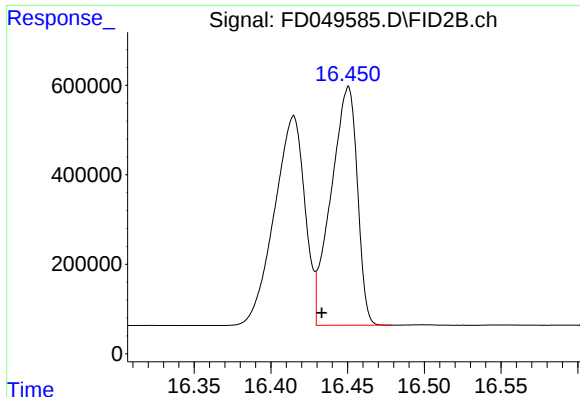
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.013 min
Response: 7120525
Conc: 47.84 ug/ml



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

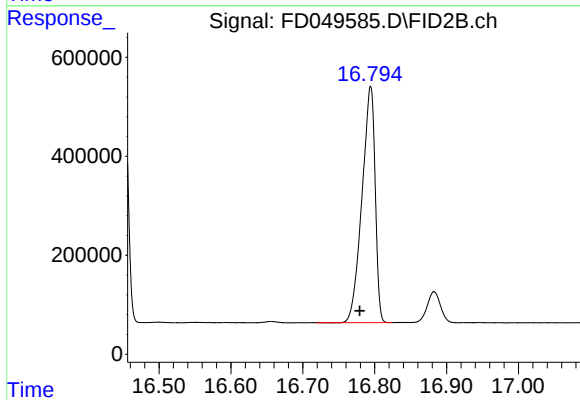
R.T.: 16.415 min
Delta R.T.: 0.014 min
Response: 6487202
Conc: 45.78 ug/ml



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

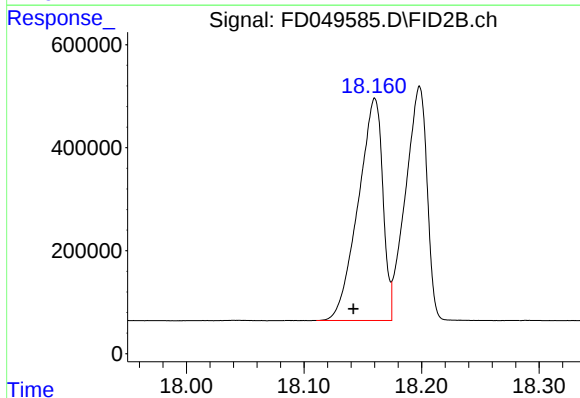
R.T.: 16.450 min
Delta R.T.: 0.017 min
Response: 6348231
Conc: 47.49 ug/ml

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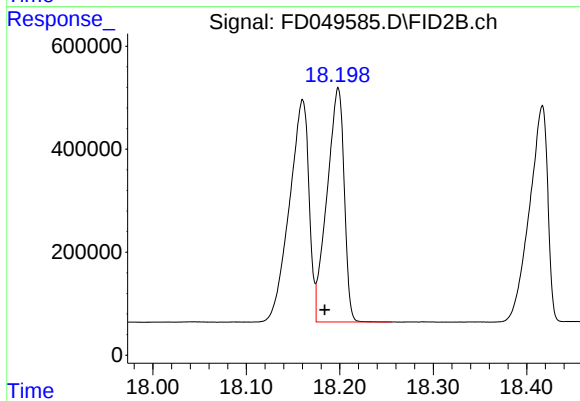
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.015 min
Response: 6069818
Conc: 44.09 ug/ml



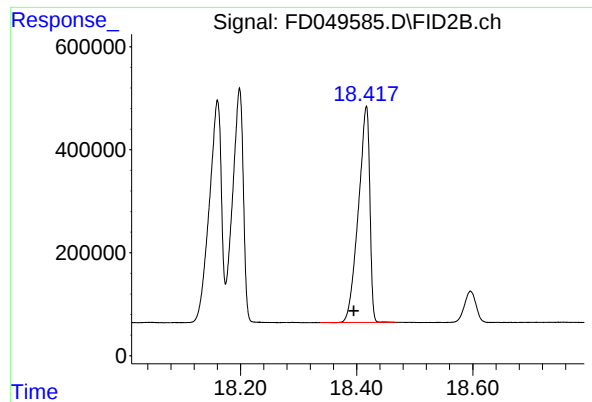
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.018 min
Response: 6278903
Conc: 50.13 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.015 min
Response: 5794125
Conc: 43.98 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.022 min
Response: 5719422
Conc: 43.22 ug/ml

Instrument :

FID_D

ClientSampleId :

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