

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045085.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 07:00
 Operator : YP/AJ
 Sample : PB150929BSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150929BSD

Integration File: autoint1.e
 Quant Time: Feb 21 07:52:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	7131094	48.623 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
6) S 2-Fluorobiphenyl (SURR)	8.415	4530491	45.390 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.78%
11) S ortho-Terphenyl (SURR)	11.456	7137665	38.404 ug/ml
Spiked Amount 50.000		Recovery =	76.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5669352	35.516 ug/ml
2) T Naphthalene (C11.7)	5.896	6419868	37.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	6322710	36.855 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6874840	43.749 ug/ml
7) T Acenaphthene (C15.5)	8.515	6953974	41.824 ug/ml
8) T Fluorene (C16.55)	9.294	7057663	42.999 ug/ml
9) T Phenanthrene (C19.36)	10.686	7308067	45.200 ug/ml
10) T Anthracene (C19.43)	10.761	7274498	49.070 ug/ml
12) T Fluoranthene (C21.85)	12.493	7467296	46.658 ug/ml
13) T Pyrene (C20.8)	12.789	7429154	47.345 ug/ml
14) T Benzo[a]anthracene (C...	14.655	7007097	49.095 ug/ml
15) T Chrysene (C27.41)	14.700	6946428	46.915 ug/ml
16) T benzo[b]fluoranthene ...	16.200	6975138	48.081 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6601289	46.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	6192801	44.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	6564698	48.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.978	6409995	48.371 ug/ml
21) T Benzo[g,h,i]perylene ...	18.193	6561248	48.256 ug/ml

(f)=RT Delta > 1/2 Window

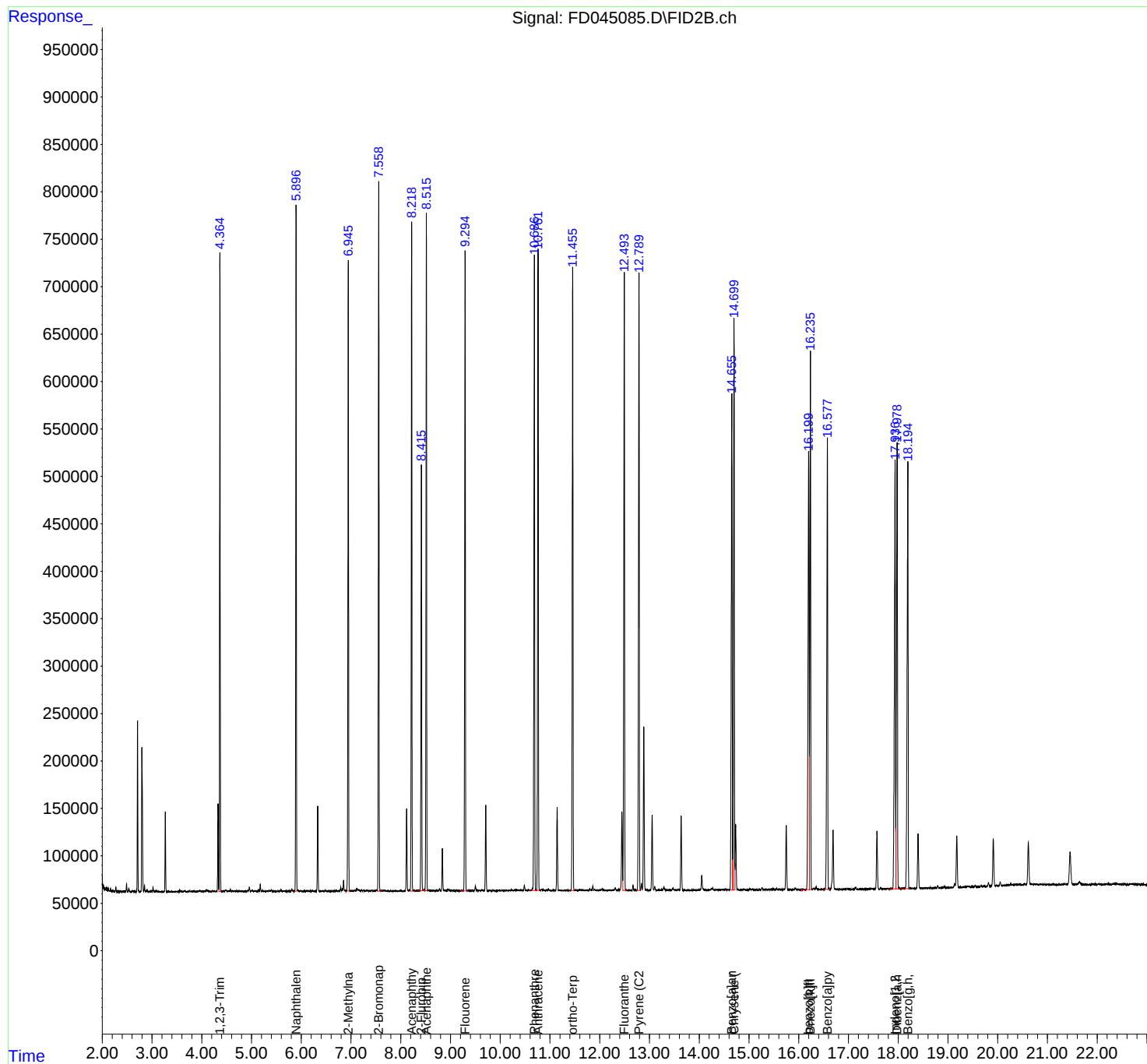
(m)=manual int.

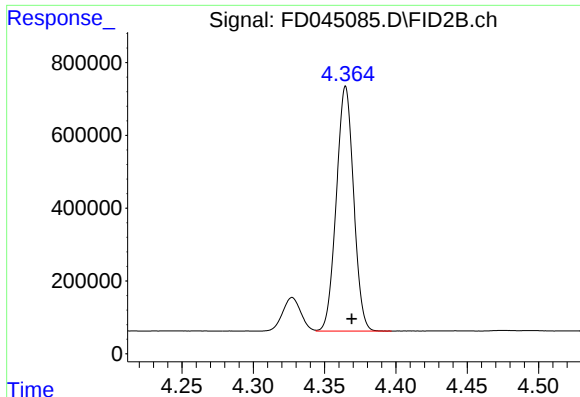
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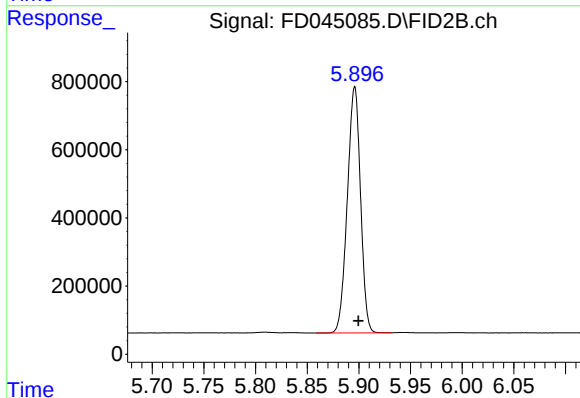




#1 1,2,3-Trimethylbenzene (C10.1)

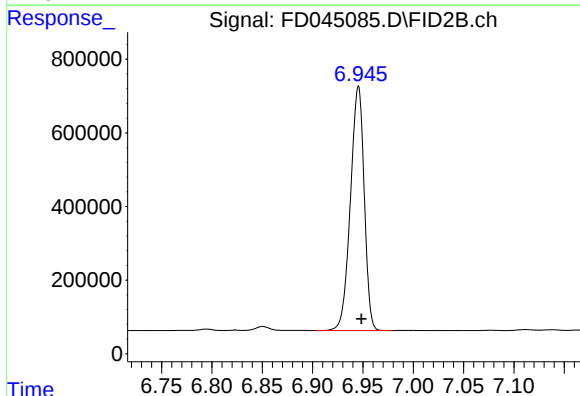
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5669352
Conc: 35.52 ug/ml

Instrument :
FID_D
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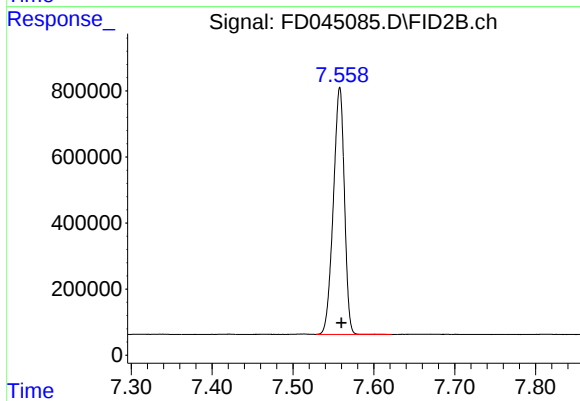
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 6419868
Conc: 37.89 ug/ml



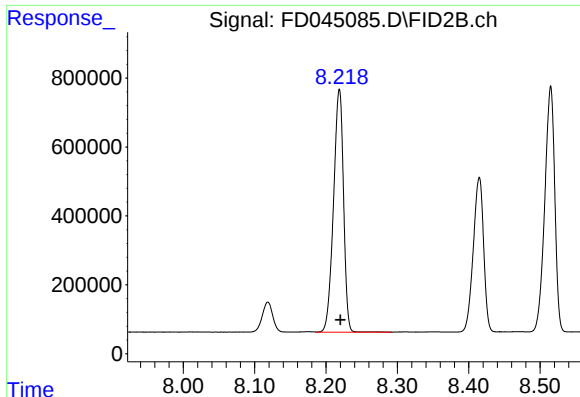
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 6322710
Conc: 36.85 ug/ml



#4 2-Bromonaphthalene (SURR)

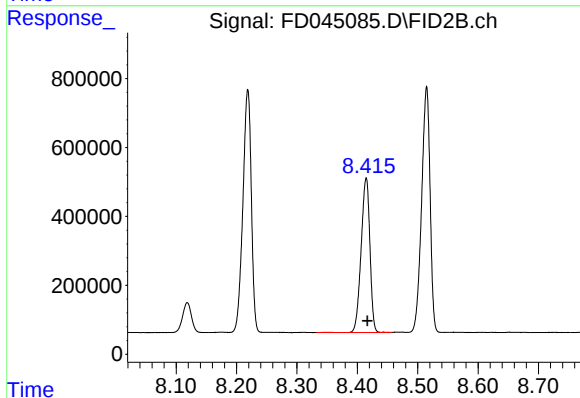
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 7131094
Conc: 48.62 ug/ml



#5 Acenaphthylene (C15.06)

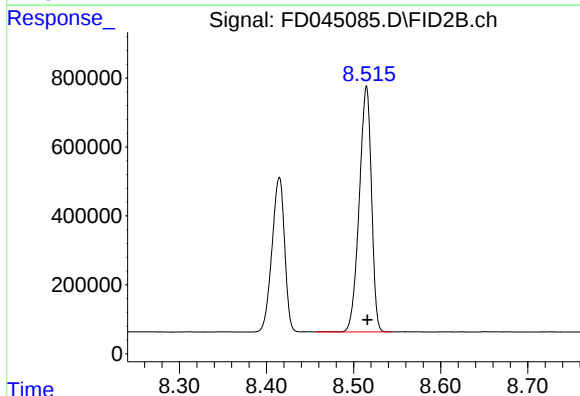
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6874840
Conc: 43.75 ug/ml

Instrument :
FID_D
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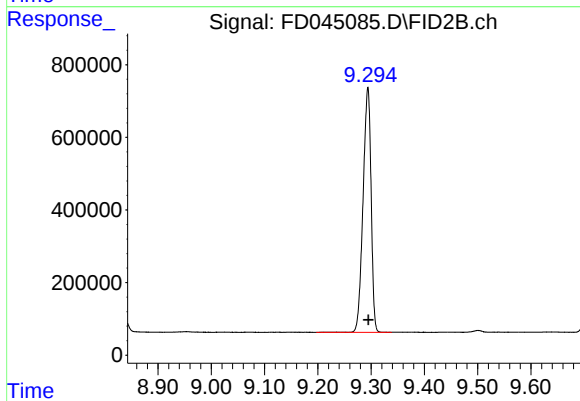
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4530491
Conc: 45.39 ug/ml



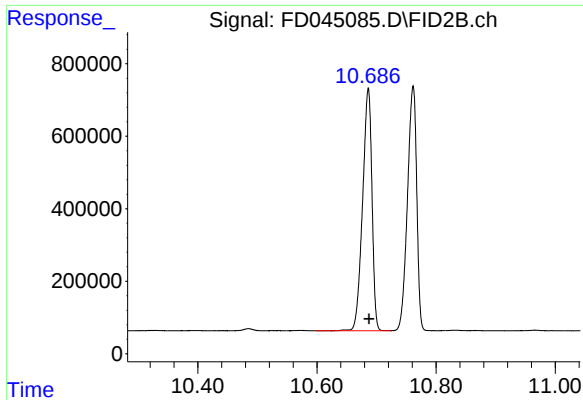
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 6953974
Conc: 41.82 ug/ml



#8 Fluorene (C16.55)

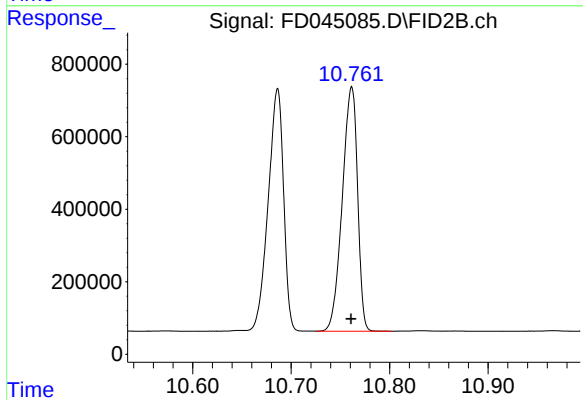
R.T.: 9.294 min
Delta R.T.: -0.002 min
Response: 7057663
Conc: 43.00 ug/ml



#9 Phenanthrene (C19.36)

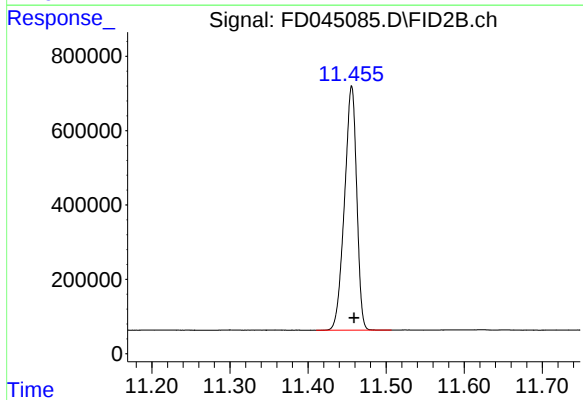
R.T.: 10.686 min
Delta R.T.: -0.001 min
Response: 7308067
Conc: 45.20 ug/ml

Instrument :
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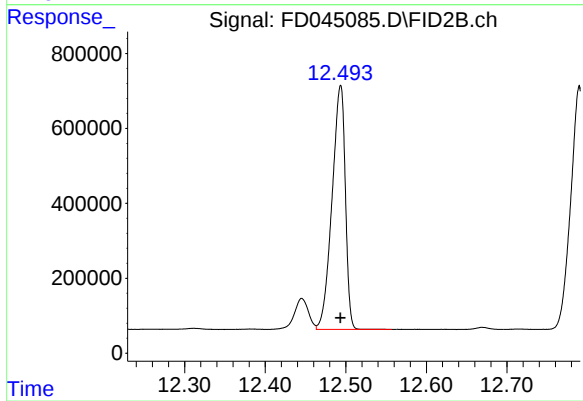
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 7274498
Conc: 49.07 ug/ml



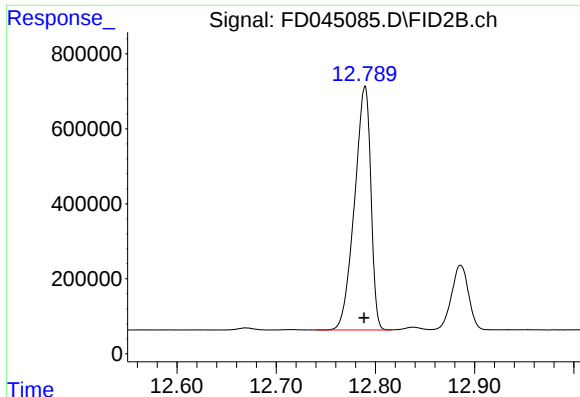
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 7137665
Conc: 38.40 ug/ml



#12 Fluoranthene (C21.85)

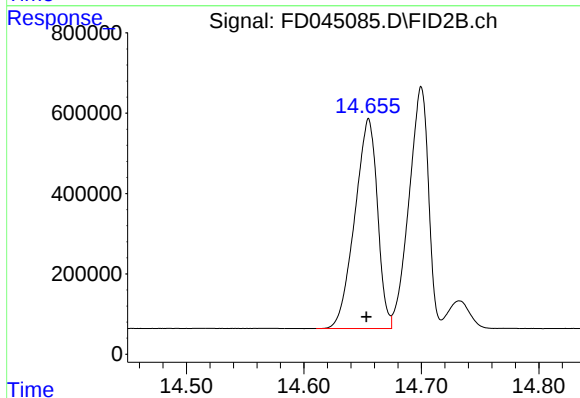
R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 7467296
Conc: 46.66 ug/ml



#13 Pyrene (C20.8)

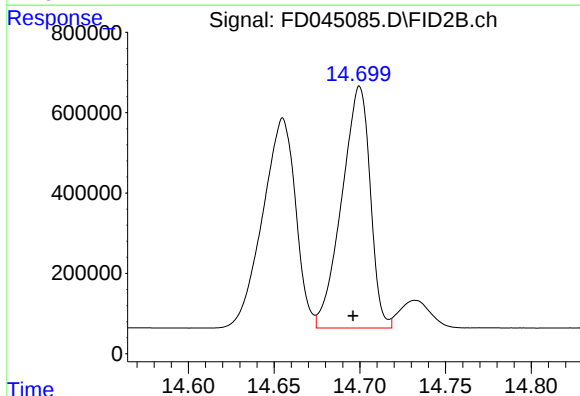
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 7429154
Conc: 47.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150929BSD



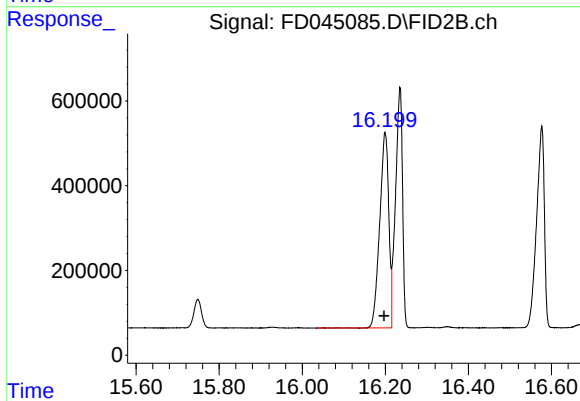
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.002 min
Response: 7007097
Conc: 49.10 ug/ml



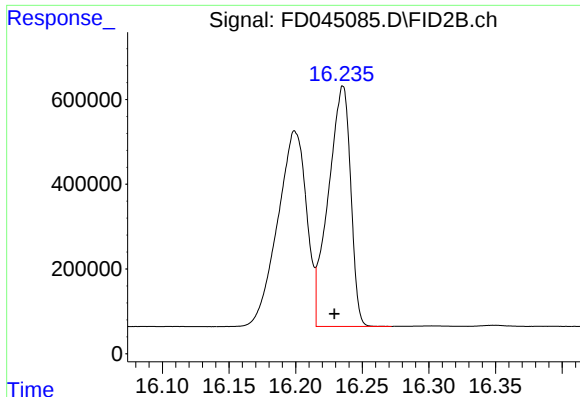
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: 0.003 min
Response: 6946428
Conc: 46.92 ug/ml



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

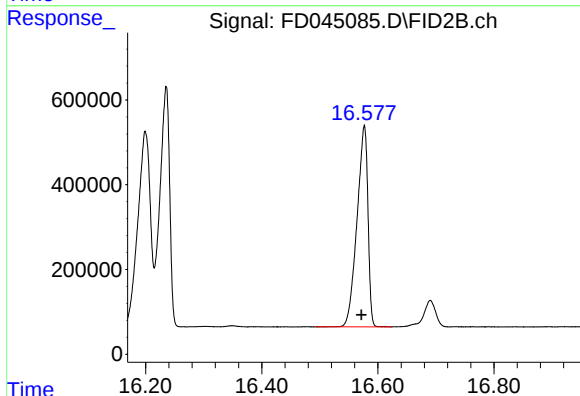
R.T.: 16.200 min
Delta R.T.: 0.002 min
Response: 6975138
Conc: 48.08 ug/ml



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

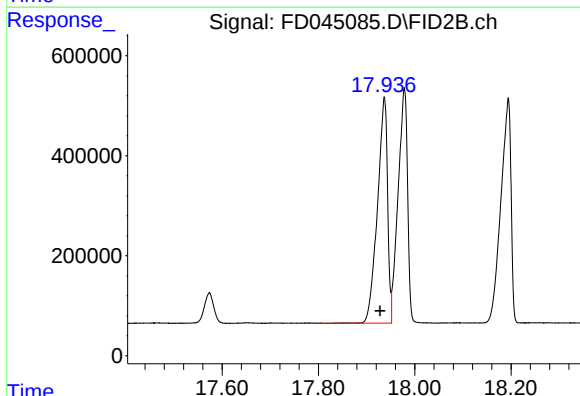
R.T.: 16.235 min
Delta R.T.: 0.006 min
Response: 6601289
Conc: 46.30 ug/ml

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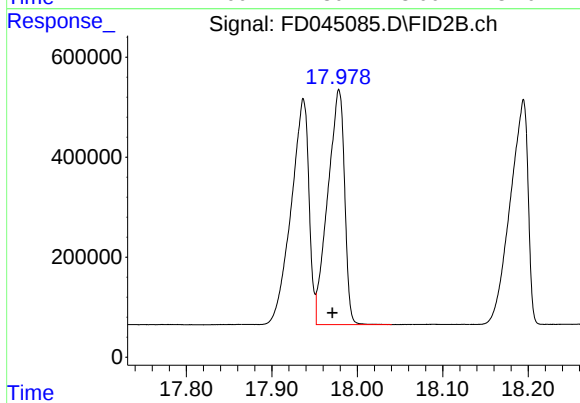
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.004 min
Response: 6192801
Conc: 44.32 ug/ml



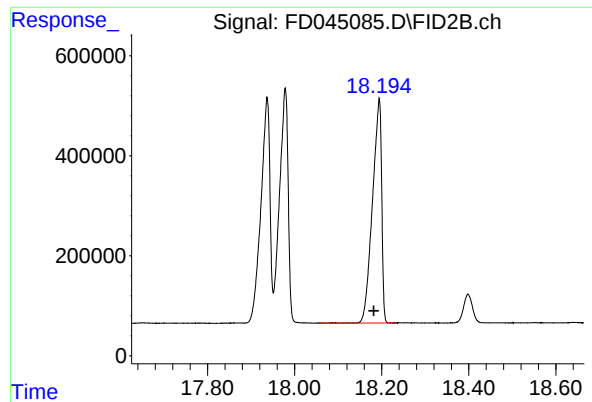
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.008 min
Response: 6564698
Conc: 48.78 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.007 min
Response: 6409995
Conc: 48.37 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.011 min
Response: 6561248
Conc: 48.26 ug/ml

Instrument :

FID_D

ClientSampleId :

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