

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045084.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 06:18
 Operator : YP/AJ
 Sample : PB150929BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150929BS

Integration File: autoint1.e
 Quant Time: Feb 21 07:52:23 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...	7.557	7093157	48.364 ug/ml
Spiked Amount 50.000		Recovery =	96.73%
6) S 2-Fluorobiphenyl (SURR)	8.414	4504237	45.127 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.25%
11) S ortho-Terphenyl (SURR)	11.455	7125600	38.339 ug/ml
Spiked Amount 50.000		Recovery =	76.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5640885	35.338 ug/ml
2) T Naphthalene (C11.7)	5.896	6389171	37.709 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	6305631	36.755 ug/ml
5) T Acenaphthylene (C15.06)	8.219	6836910	43.508 ug/ml
7) T Acenaphthene (C15.5)	8.515	6939823	41.739 ug/ml
8) T Flouorene (C16.55)	9.293	7033737	42.853 ug/ml
9) T Phenanthrene (C19.36)	10.686	7299497	45.147 ug/ml
10) T Anthracene (C19.43)	10.760	7270120	49.041 ug/ml
12) T Fluoranthene (C21.85)	12.492	7467791	46.661 ug/ml
13) T Pyrene (C20.8)	12.788	7423931	47.312 ug/ml
14) T Benzo[a]anthracene (C...	14.654	7006317	49.090 ug/ml
15) T Chrysene (C27.41)	14.699	6932801	46.823 ug/ml
16) T benzo[b]fluoranthene ...	16.199	6980440	48.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6565135	46.048 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	6185633	44.266 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	6526475	48.498 ug/ml
20) T Dibenz[a,h]anthracene...	17.978	6340415	47.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	6528996	48.019 ug/ml

(f)=RT Delta > 1/2 Window

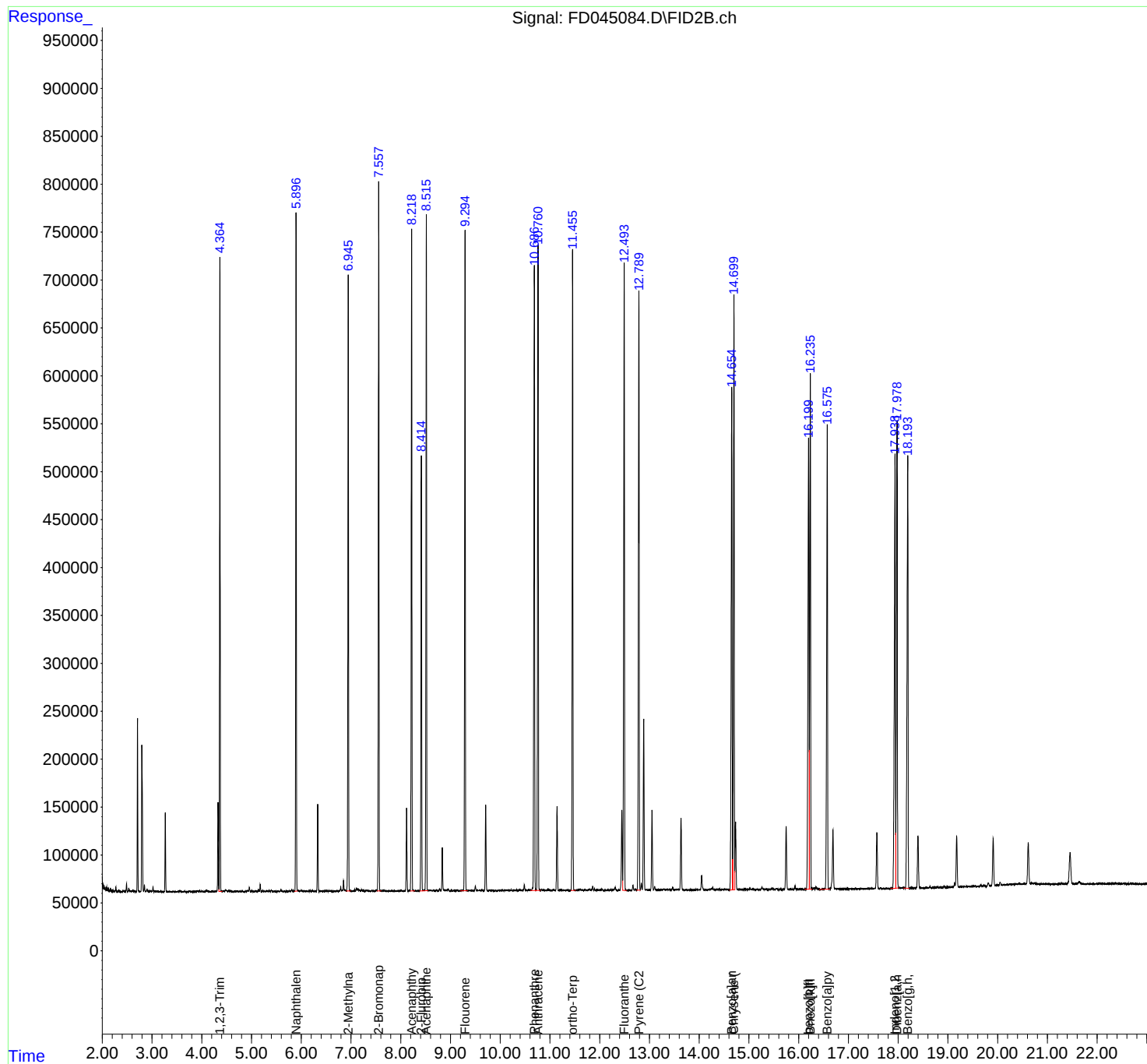
(m)=manual int.

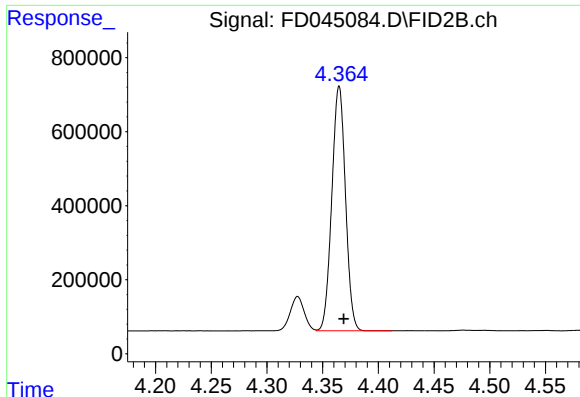
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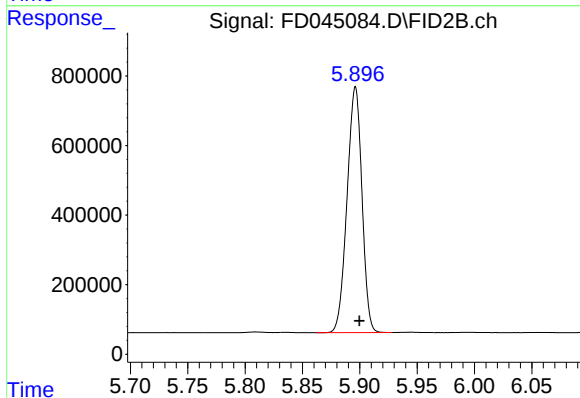




#1 1,2,3-Trimethylbenzene (C10.1)

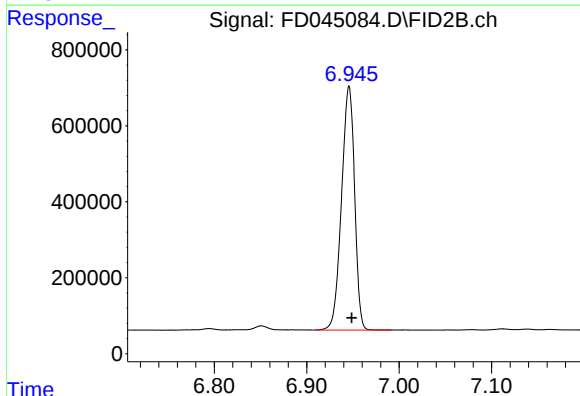
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5640885
Conc: 35.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150929BS



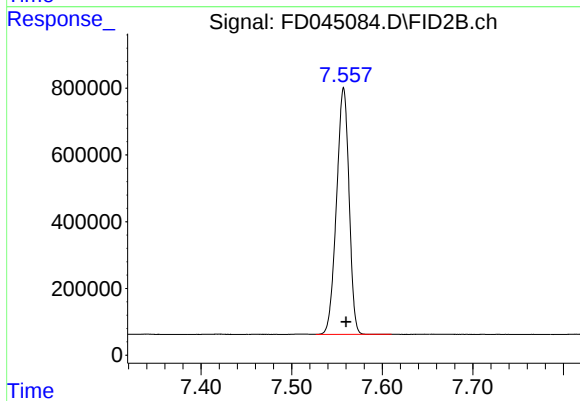
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 6389171
Conc: 37.71 ug/ml



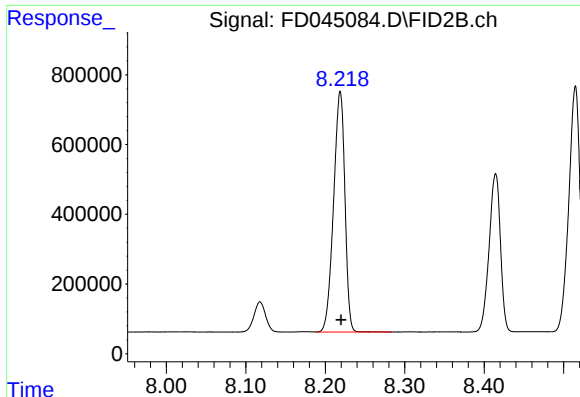
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 6305631
Conc: 36.75 ug/ml



#4 2-Bromonaphthalene (SURR)

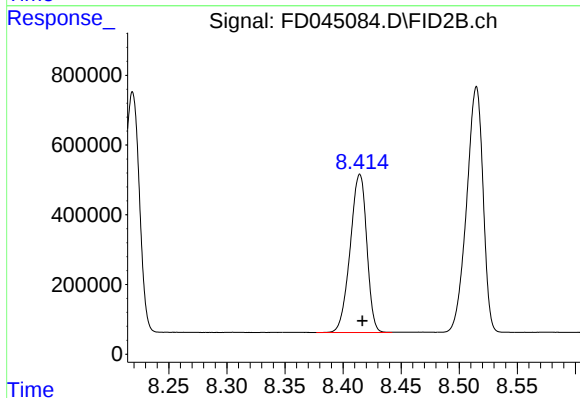
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 7093157
Conc: 48.36 ug/ml



#5 Acenaphthylene (C15.06)

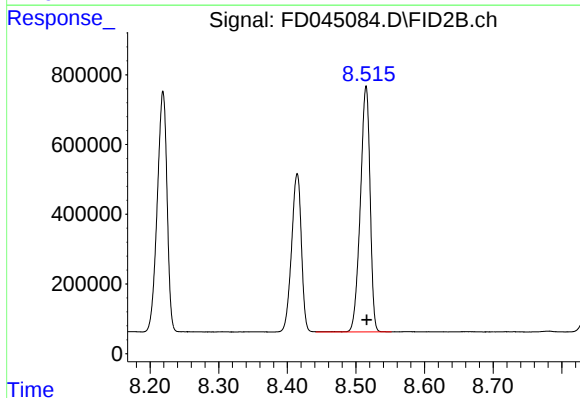
R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 6836910
Conc: 43.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150929BS



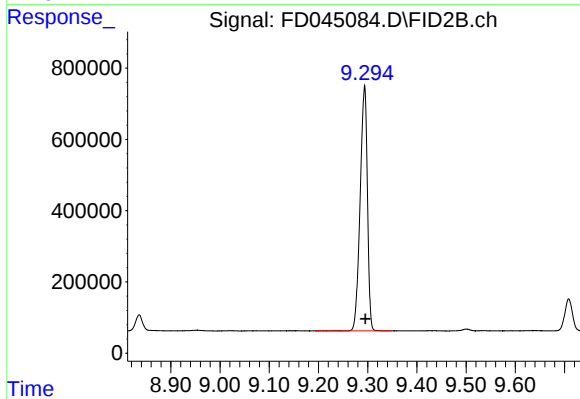
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 4504237
Conc: 45.13 ug/ml



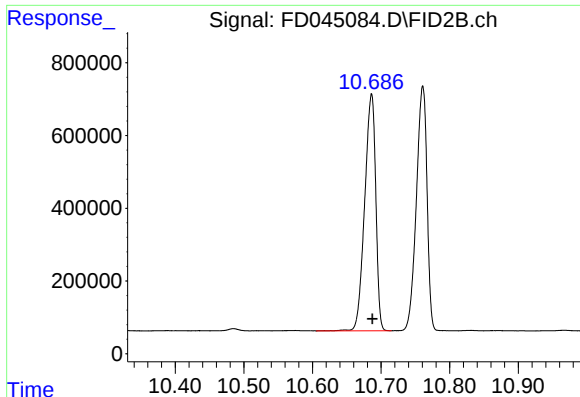
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 6939823
Conc: 41.74 ug/ml



#8 Flouorene (C16.55)

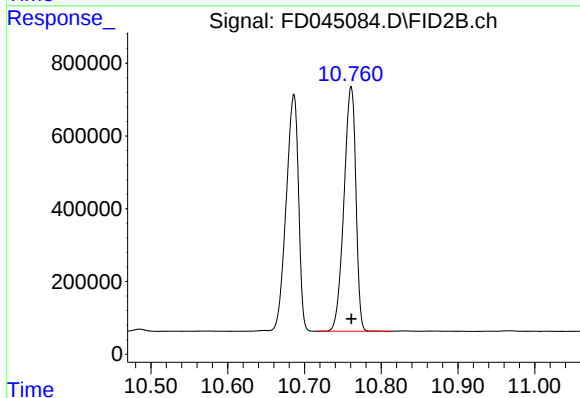
R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 7033737
Conc: 42.85 ug/ml



#9 Phenanthrene (C19.36)

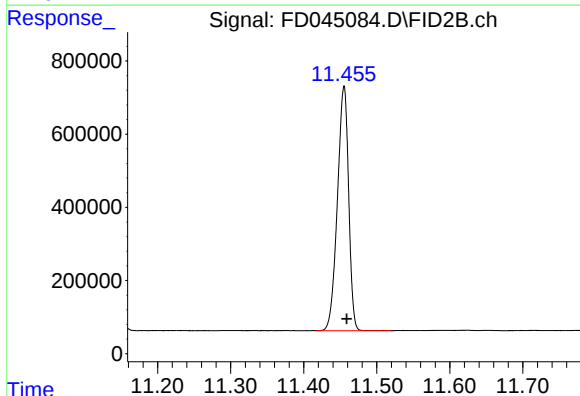
R.T.: 10.686 min
Delta R.T.: -0.002 min
Response: 7299497
Conc: 45.15 ug/ml

Instrument :
FID_D
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PB150929BS



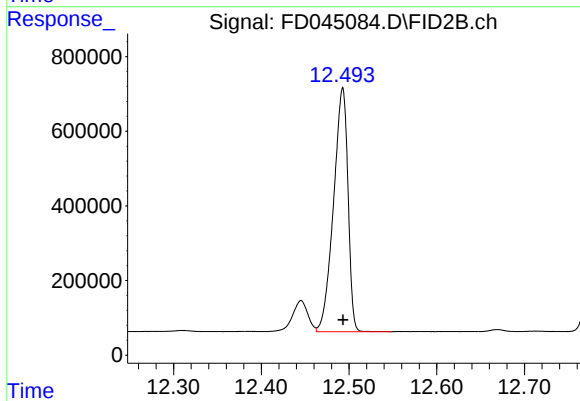
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 7270120
Conc: 49.04 ug/ml



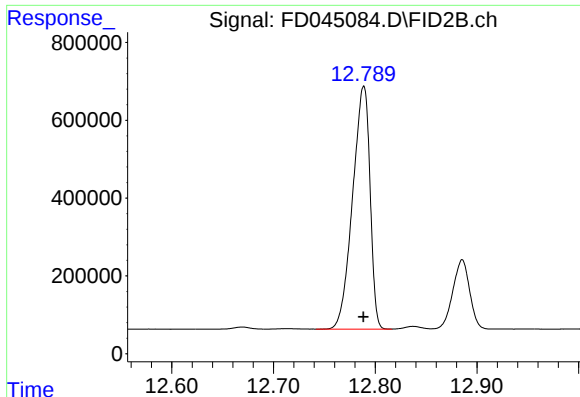
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 7125600
Conc: 38.34 ug/ml



#12 Fluoranthene (C21.85)

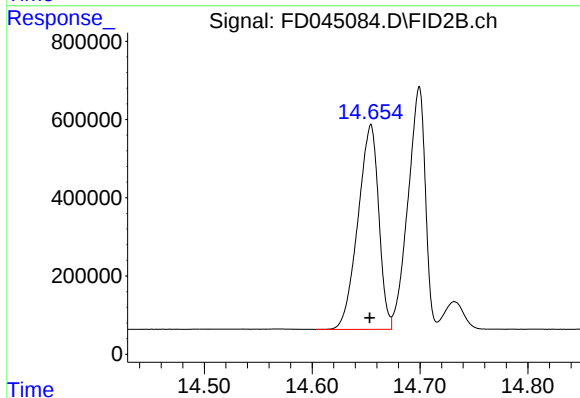
R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 7467791
Conc: 46.66 ug/ml



#13 Pyrene (C20.8)

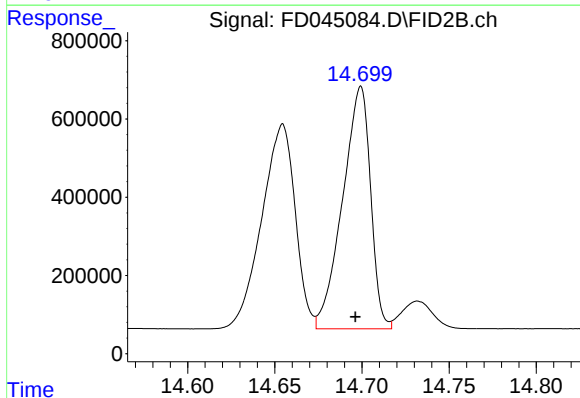
R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 7423931
Conc: 47.31 ug/ml

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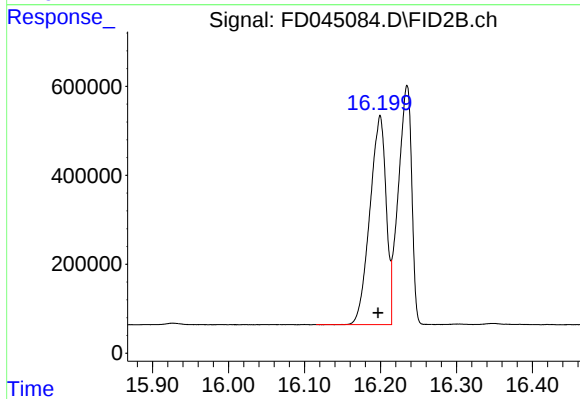
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 7006317
Conc: 49.09 ug/ml



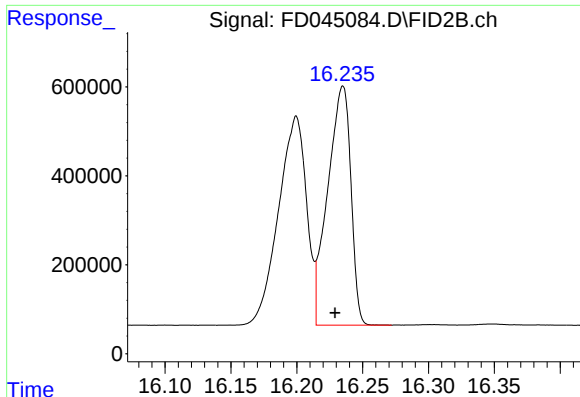
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 6932801
Conc: 46.82 ug/ml



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

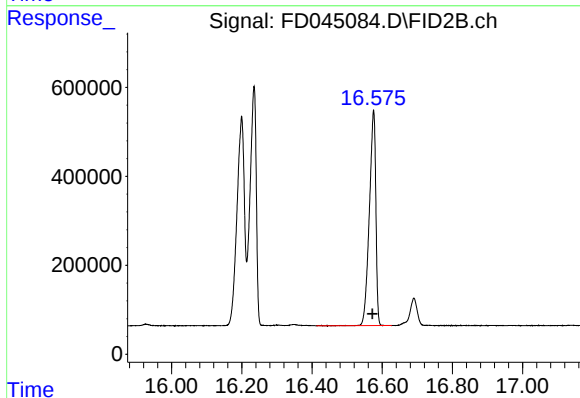
R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6980440
Conc: 48.12 ug/ml



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

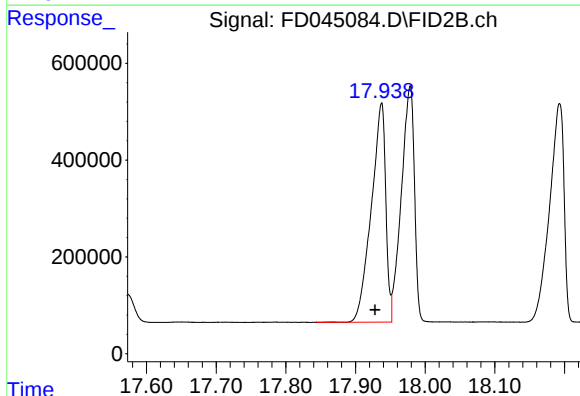
R.T.: 16.235 min
Delta R.T.: 0.005 min
Response: 6565135
Conc: 46.05 ug/ml

Instrument :
FID_D
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PB150929BS



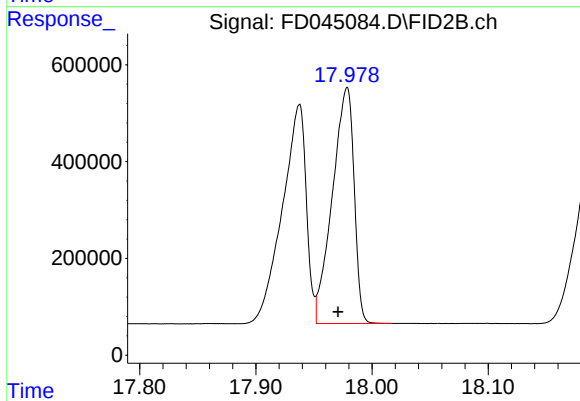
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 6185633
Conc: 44.27 ug/ml



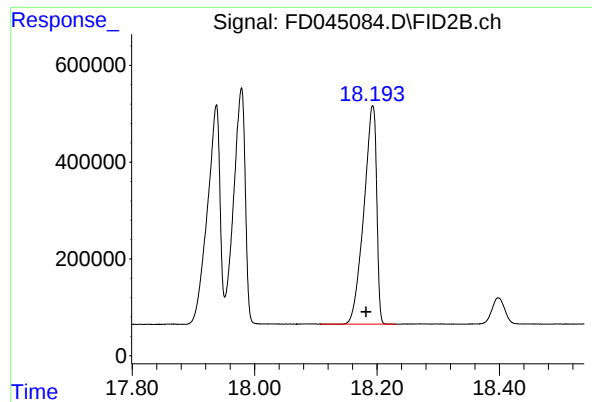
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: 0.009 min
Response: 6526475
Conc: 48.50 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.007 min
Response: 6340415
Conc: 47.85 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.010 min
Response: 6528996
Conc: 48.02 ug/ml

Instrument :

FID_D

ClientSampleId :

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