

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045487.D
 Signal(s) : FID2B.ch
 Acq On : 14 Apr 2023 16:52
 Operator : YP/AJ
 Sample : PB152121BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 03:24:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.546	6432745	46.951 ug/ml
Spiked Amount 50.000		Recovery =	93.90%
6) S 2-Fluorobiphenyl (SURR)	8.402	3862846	43.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.18%
11) S ortho-Terphenyl (SURR)	11.443	7097372	40.793 ug/ml
Spiked Amount 50.000		Recovery =	81.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	5427138	34.838 ug/ml
2) T Naphthalene (C11.7)	5.885	6265815	38.989 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	6368592	39.784 ug/ml
5) T Acenaphthylene (C15.06)	8.207	6978926	47.665 ug/ml
7) T Acenaphthene (C15.5)	8.503	7290675	47.004 ug/ml
8) T Fluorene (C16.55)	9.282	6991642	47.149 ug/ml
9) T Phenanthrene (C19.36)	10.673	6800699	46.948 ug/ml
10) T Anthracene (C19.43)	10.748	6597403	47.729 ug/ml
12) T Fluoranthene (C21.85)	12.479	6657427	46.273 ug/ml
13) T Pyrene (C20.8)	12.775	6681840	47.524 ug/ml
14) T Benzo[a]anthracene (C...	14.640	5911570	46.096 ug/ml
15) T Chrysene (C27.41)	14.683	5736675	43.262 ug/ml
16) T benzo[b]fluoranthene ...	16.183	6017497	46.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	5653646	44.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	5207394	41.418 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	4745325	40.093 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	4417769	37.082 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	5286408	42.322 ug/ml

(f)=RT Delta > 1/2 Window

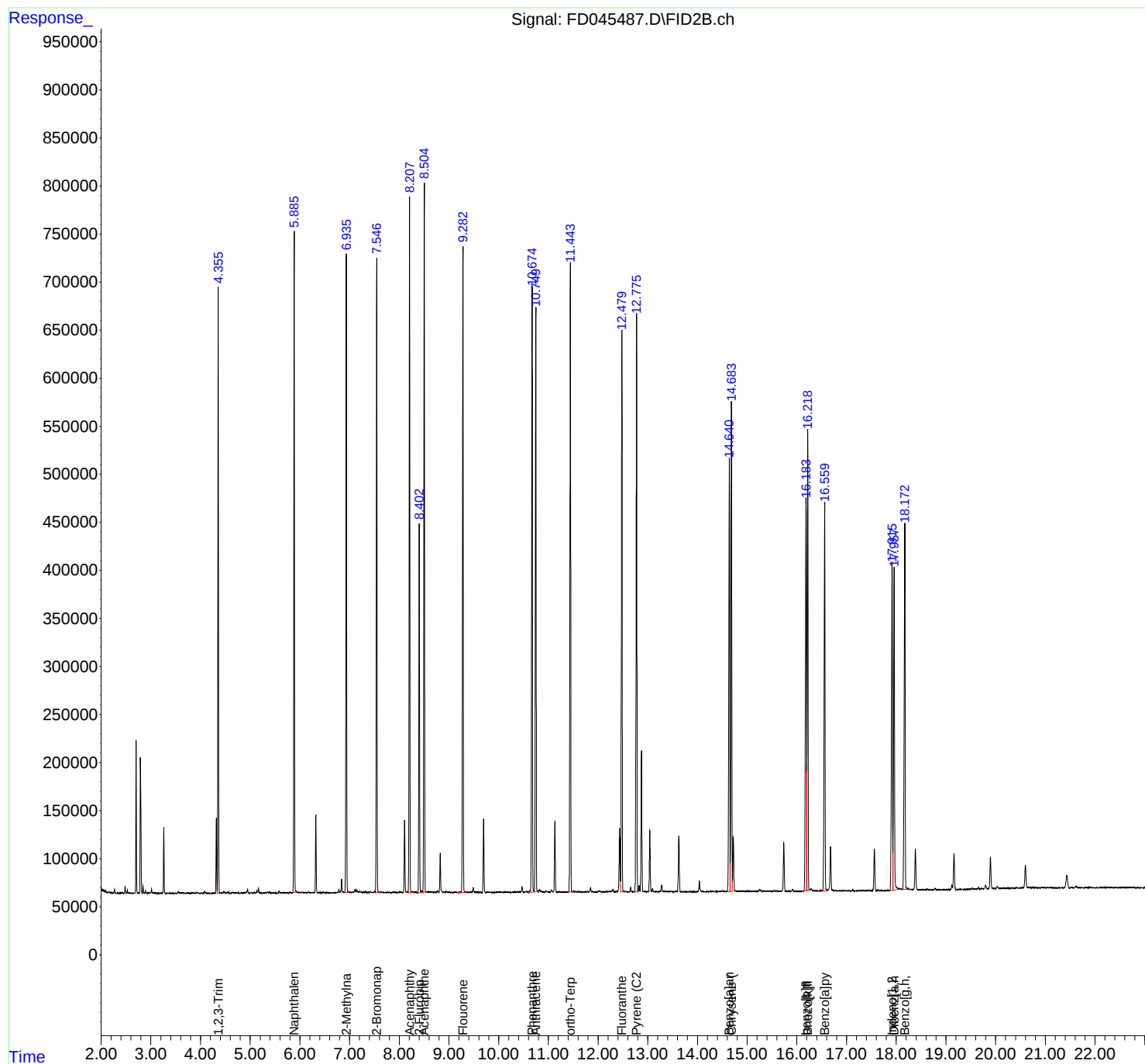
(m)=manual int.

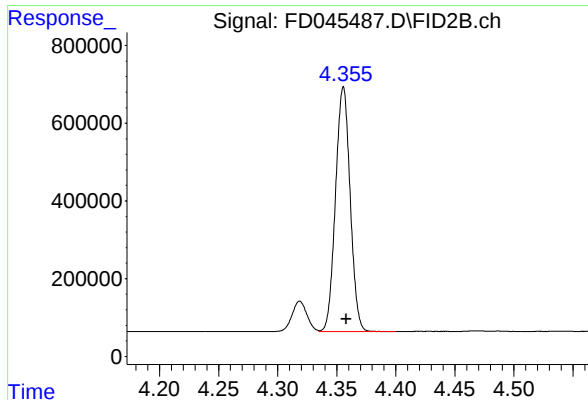
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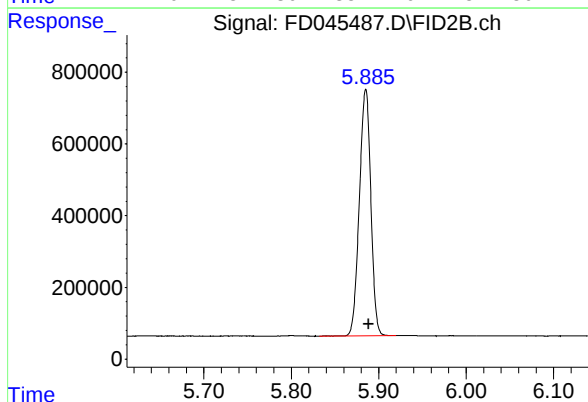




#1 1,2,3-Trimethylbenzene (C10.1)

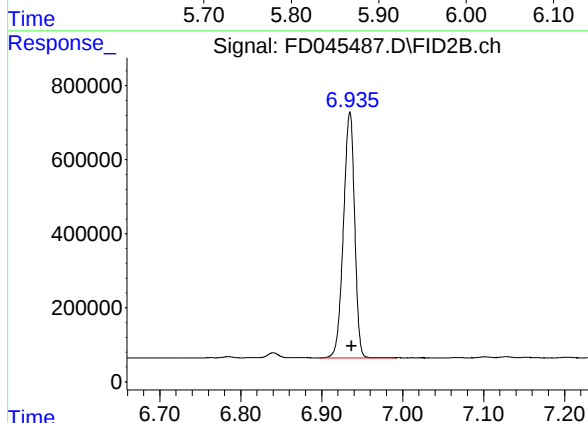
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 5427138
Conc: 34.84 ug/ml

Instrument :
FID_D
ClientSampleId :



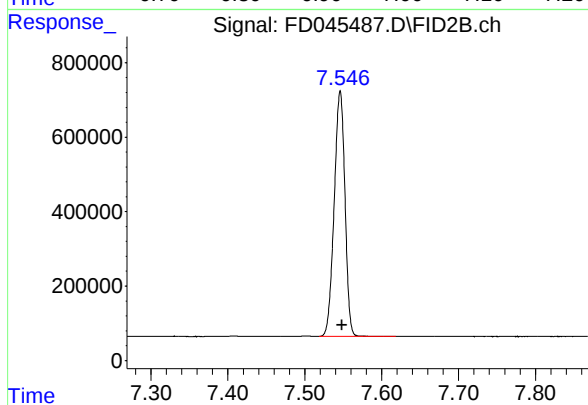
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 6265815
Conc: 38.99 ug/ml



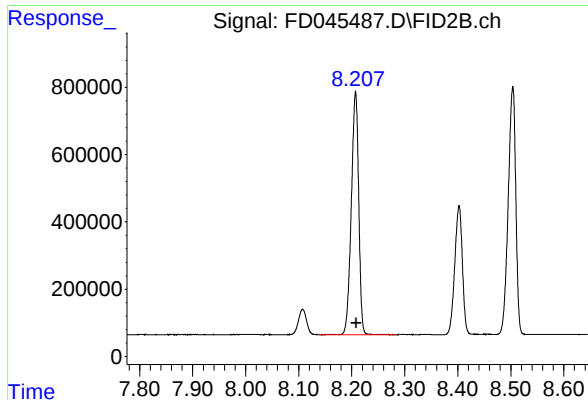
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 6368592
Conc: 39.78 ug/ml



#4 2-Bromonaphthalene (SURR)

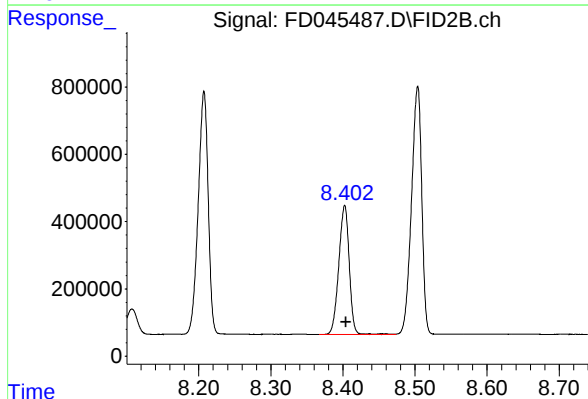
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 6432745
Conc: 46.95 ug/ml



#5 Acenaphthylene (C15.06)

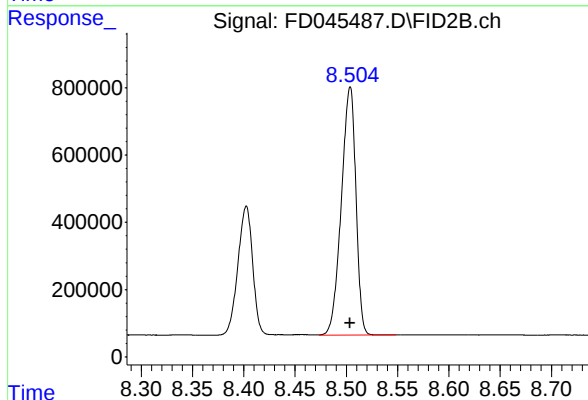
R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 6978926
Conc: 47.67 ug/ml

Instrument :
FID_D
ClientSampleId :



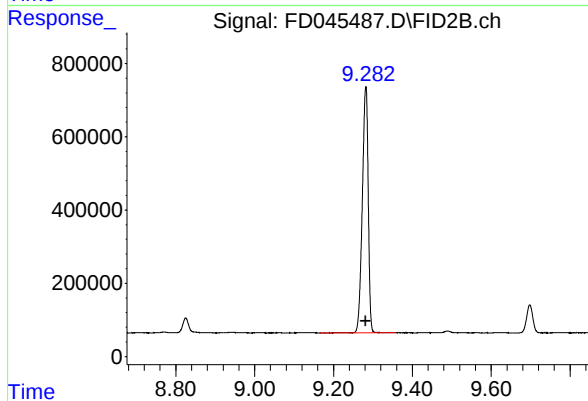
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 3862846
Conc: 43.09 ug/ml



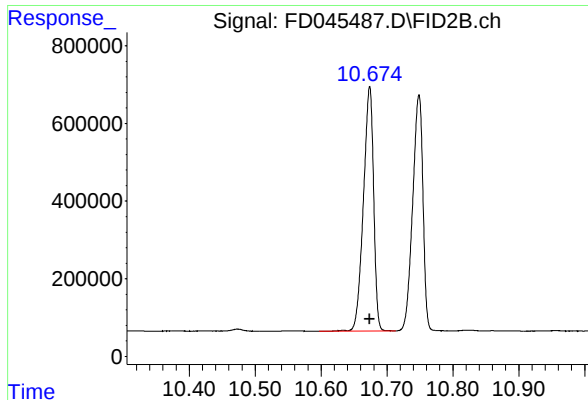
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 7290675
Conc: 47.00 ug/ml



#8 Fluorene (C16.55)

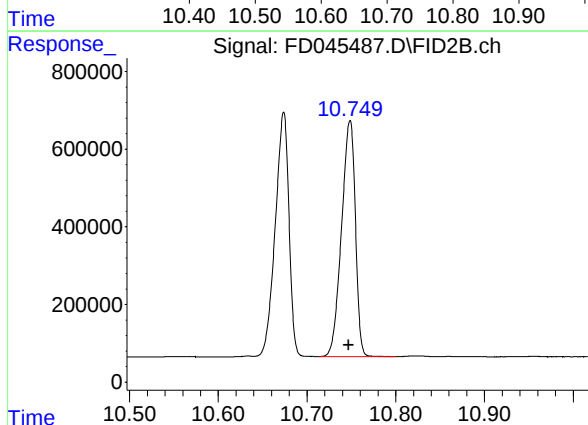
R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 6991642
Conc: 47.15 ug/ml



#9 Phenanthrene (C19.36)

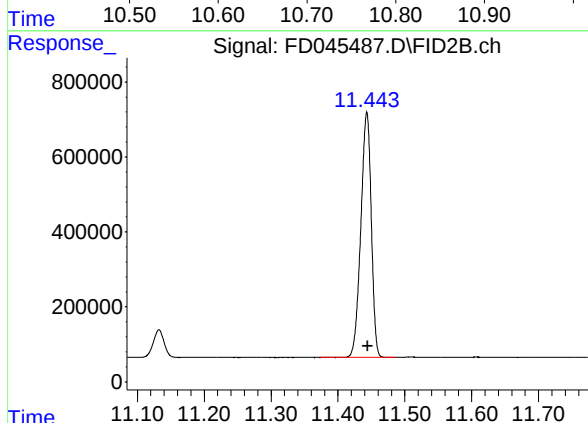
R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 6800699
Conc: 46.95 ug/ml

Instrument :
FID_D
ClientSampleId :



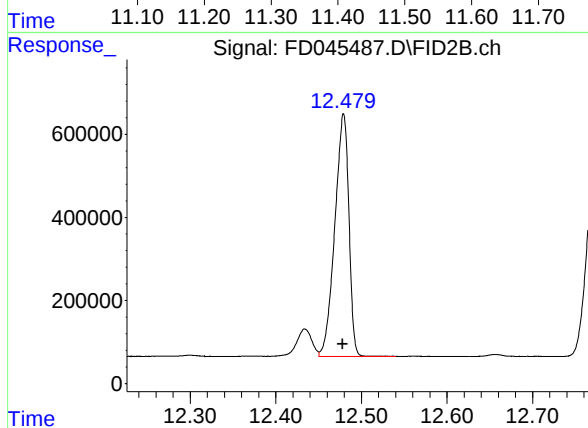
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.001 min
Response: 6597403
Conc: 47.73 ug/ml



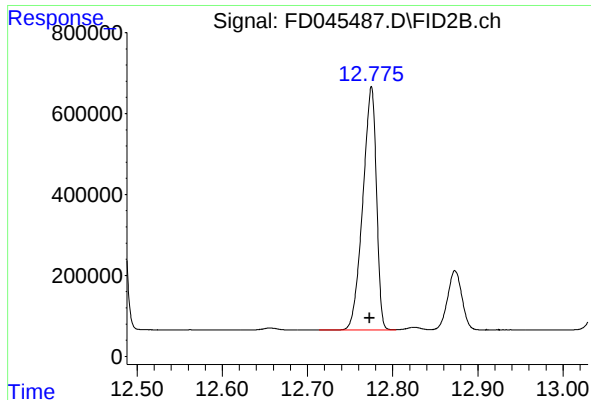
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.001 min
Response: 7097372
Conc: 40.79 ug/ml



#12 Fluoranthene (C21.85)

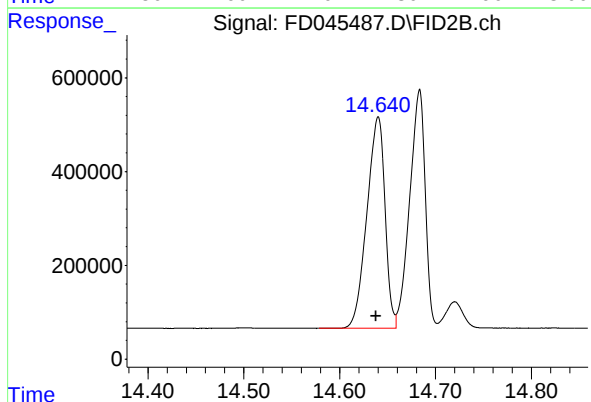
R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 6657427
Conc: 46.27 ug/ml



#13 Pyrene (C20.8)

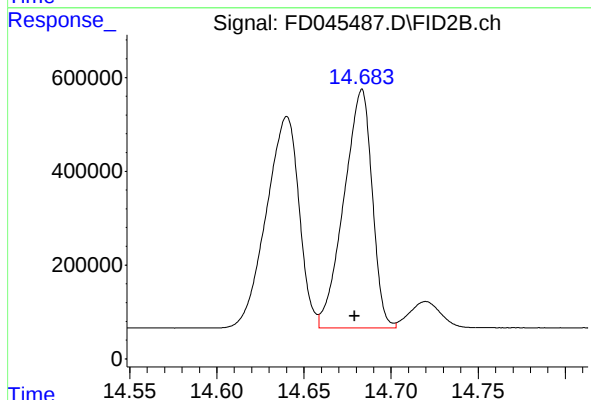
R.T.: 12.775 min
Delta R.T.: 0.002 min
Response: 6681840
Conc: 47.52 ug/ml

Instrument :
FID_D
ClientSampleId :



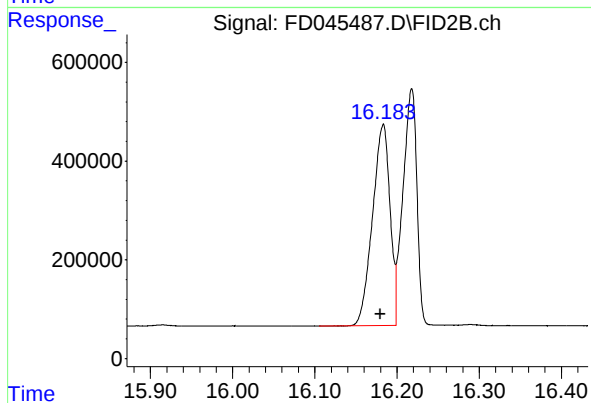
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.002 min
Response: 5911570
Conc: 46.10 ug/ml



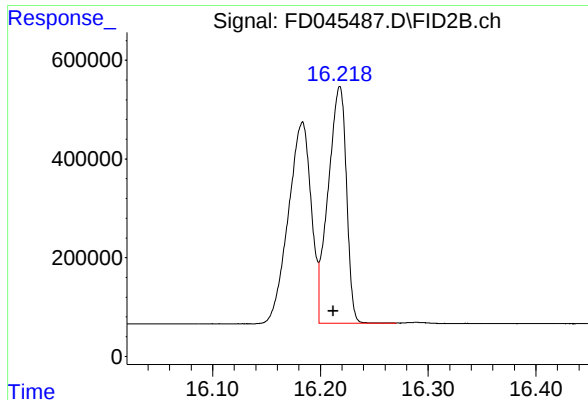
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.004 min
Response: 5736675
Conc: 43.26 ug/ml



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

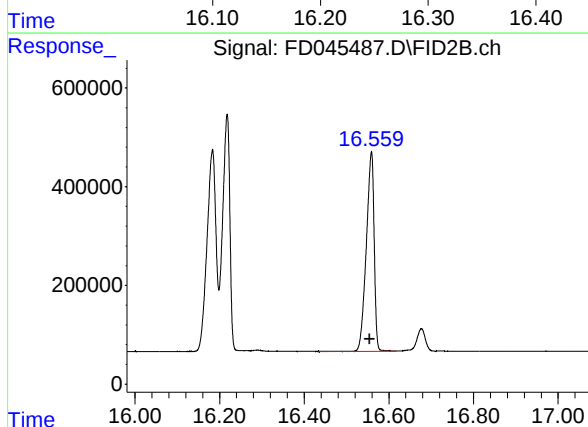
R.T.: 16.183 min
Delta R.T.: 0.003 min
Response: 6017497
Conc: 46.32 ug/ml



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

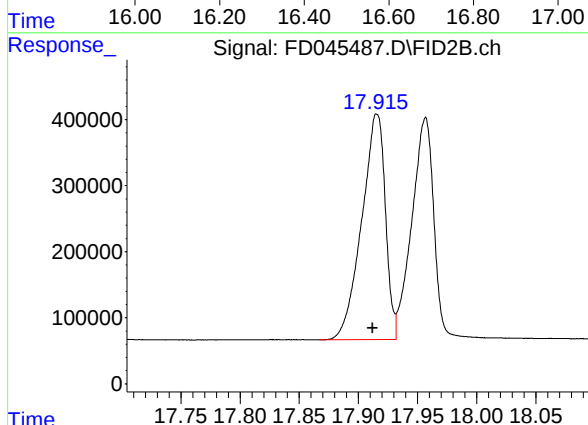
R.T.: 16.217 min
Delta R.T.: 0.006 min
Response: 5653646
Conc: 44.64 ug/ml

Instrument :
FID_D
ClientSampleId :



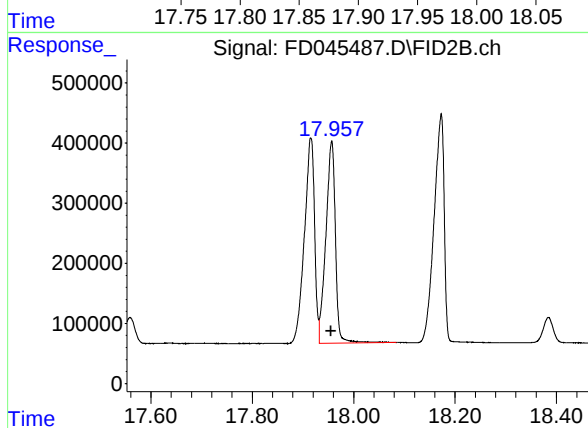
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.003 min
Response: 5207394
Conc: 41.42 ug/ml



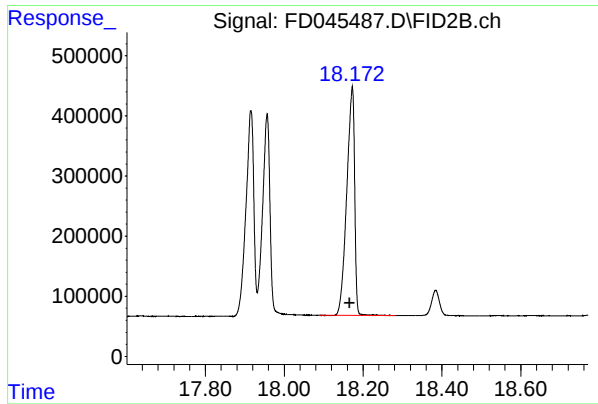
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.003 min
Response: 4745325
Conc: 40.09 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.001 min
Response: 4417769
Conc: 37.08 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.006 min
Response: 5286408
Conc: 42.32 ug/ml

Instrument :

FID_D

ClientSampleId :