

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045728.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 09:12
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 15:09:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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	36978557	216.791 ug/ml
Spiked Amount 50.000		Recovery =	433.58%
6) S 2-Fluorobiphenyl (SURR)	8.424	45833992	398.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	797.29%#
11) S ortho-Terphenyl (SURR)	11.408	38165433	180.775 ug/ml
Spiked Amount 50.000		Recovery =	361.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	6803294	36.446 ug/ml
2) T Naphthalene (C11.7)	5.885	11364570	57.776 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	28582711	144.689 ug/ml
5) T Acenaphthylene (C15.06)	8.197	16032727	89.237 ug/ml
7) T Acenaphthene (C15.5)	8.525	65369413	343.510 ug/ml
8) T Flouorene (C16.55)	9.282	19934400	105.701 ug/ml
9) T Phenanthrene (C19.36)	10.681	47452441	255.293 ug/ml
10) T Anthracene (C19.43)	10.720	74342139	415.848 ug/ml
12) T Fluoranthene (C21.85)	12.457	32562345	180.504 ug/ml
13) T Pyrene (C20.8)	12.751	24865179	141.876 ug/ml
14) T Benzo[a]anthracene (C...	14.661	18775631	117.959 ug/ml
15) T Chrysene (C27.41)	14.661	18775631	115.629 ug/ml
16) T benzo[b]fluoranthene ...	16.189	8840362	60.025 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	8840362	61.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	7332949	52.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	7578030	59.645 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	9102432	70.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	7405269	57.573 ug/ml

(f)=RT Delta > 1/2 Window

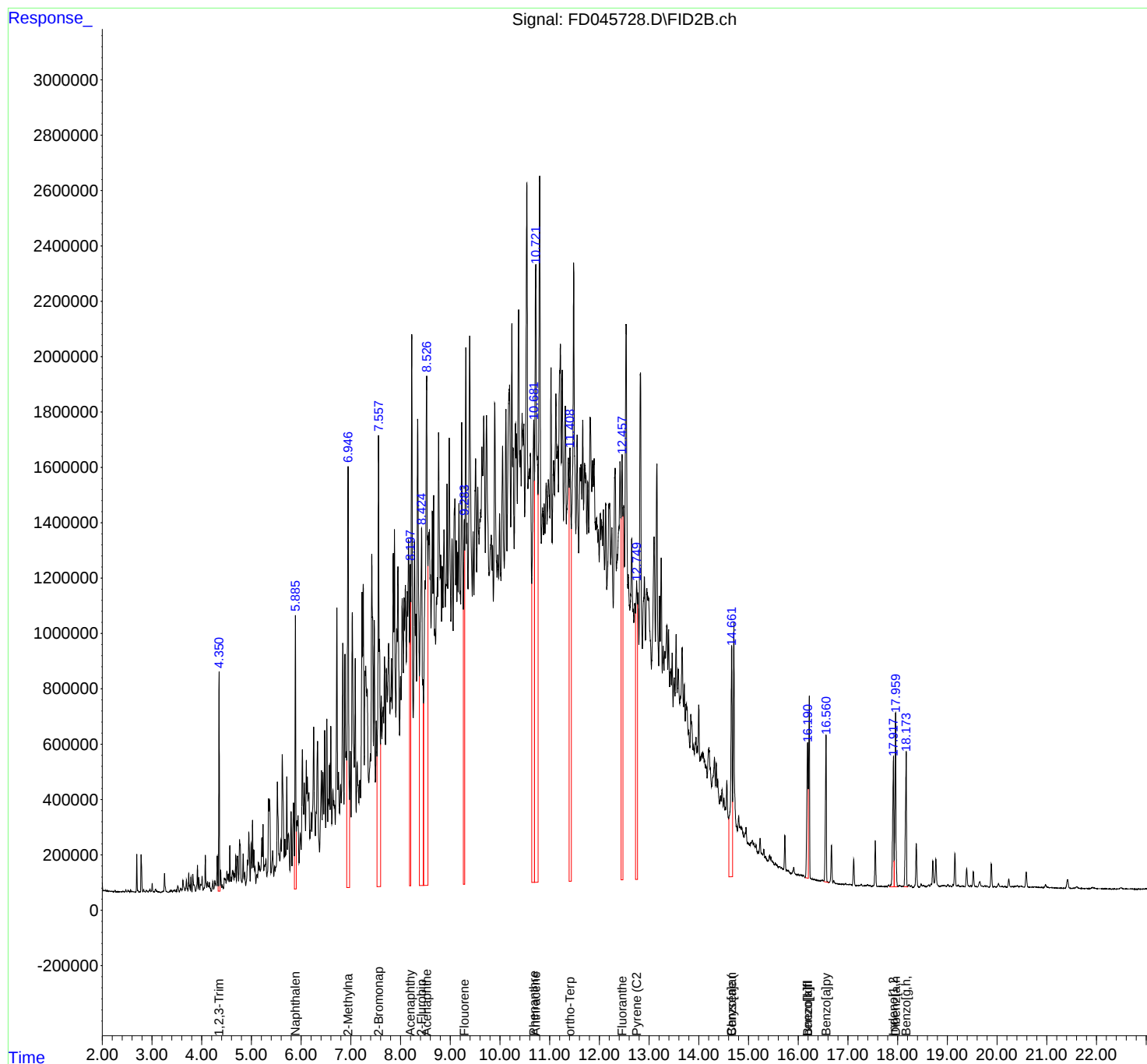
(m)=manual int.

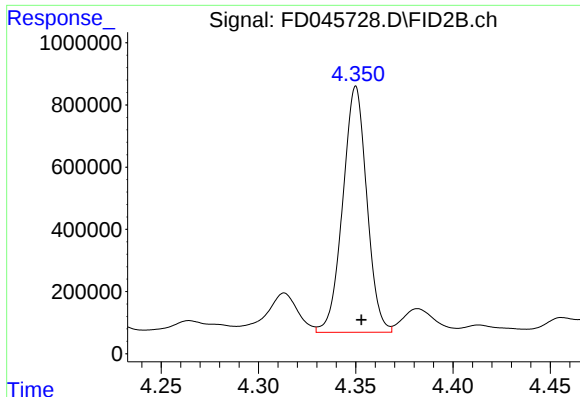
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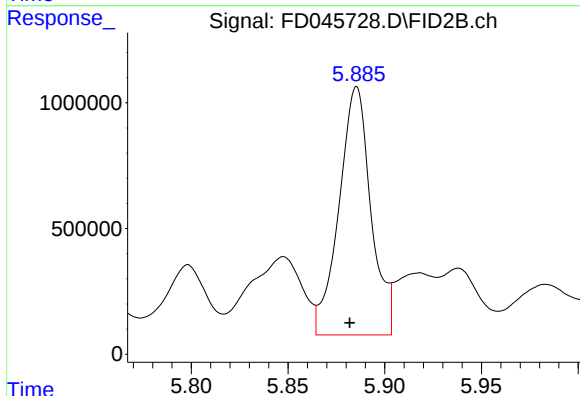




#1 1,2,3-Trimethylbenzene (C10.1)

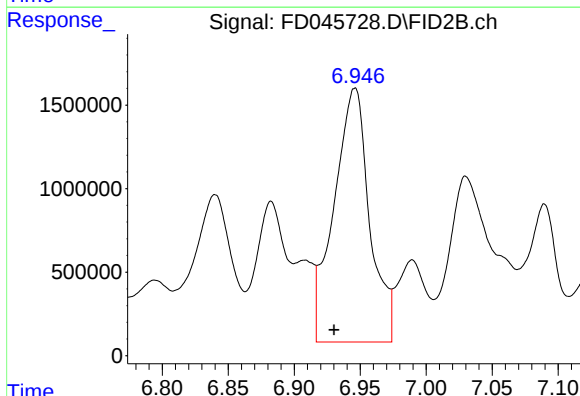
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 6803294
Conc: 36.45 ug/ml

Instrument :
FID_D
ClientSampleId :



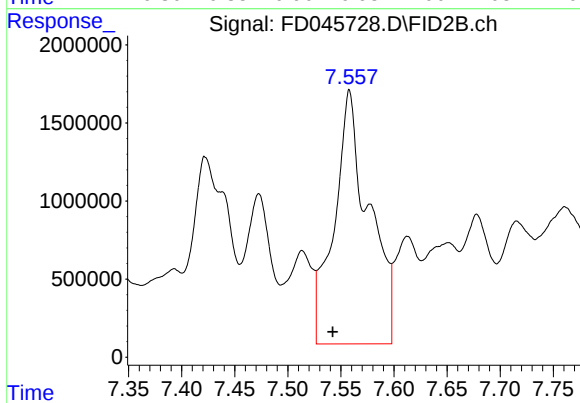
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.003 min
Response: 11364570
Conc: 57.78 ug/ml



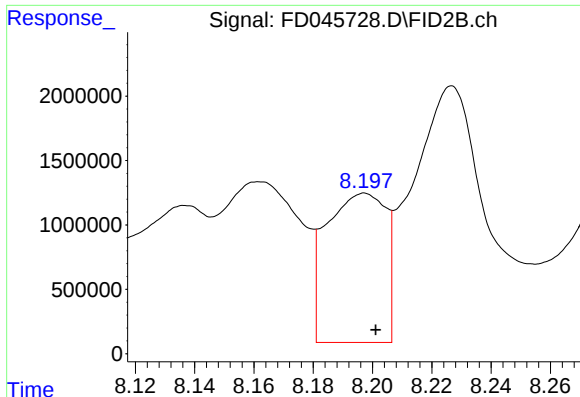
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.015 min
Response: 28582711
Conc: 144.69 ug/ml



#4 2-Bromonaphthalene (SURR)

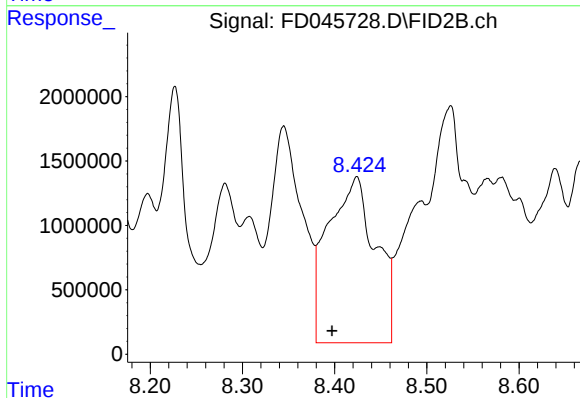
R.T.: 7.558 min
Delta R.T.: 0.016 min
Response: 36978557
Conc: 216.79 ug/ml



#5 Acenaphthylene (C15.06)

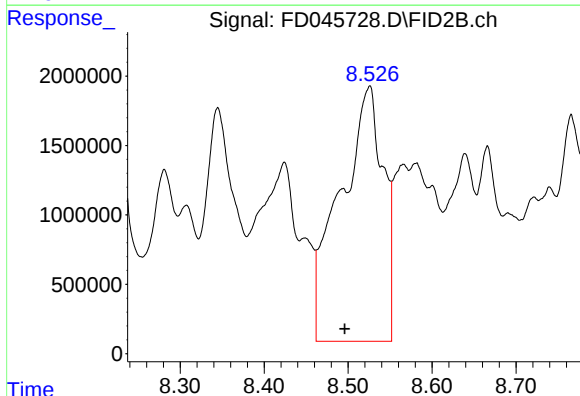
R.T.: 8.197 min
Delta R.T.: -0.004 min
Response: 16032727
Conc: 89.24 ug/ml

Instrument :
FID_D
ClientSampleId :



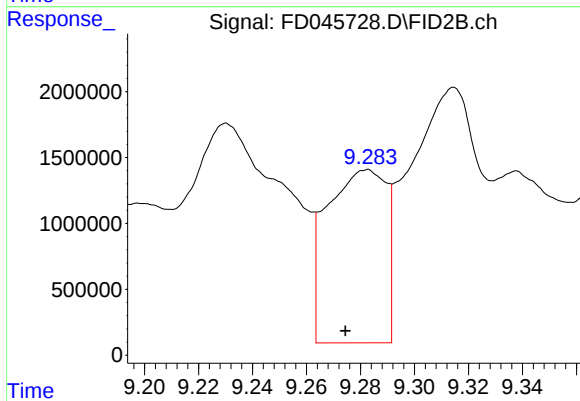
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.424 min
Delta R.T.: 0.027 min
Response: 45833992
Conc: 398.65 ug/ml



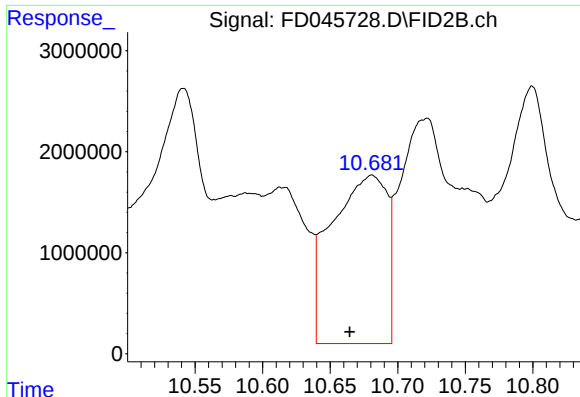
#7 Acenaphthene (C15.5)

R.T.: 8.525 min
Delta R.T.: 0.029 min
Response: 65369413
Conc: 343.51 ug/ml



#8 Flouorene (C16.55)

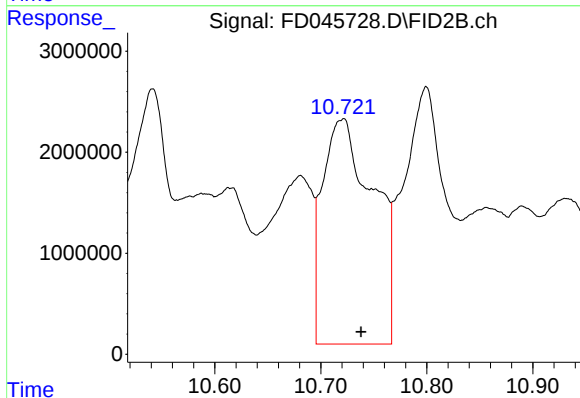
R.T.: 9.282 min
Delta R.T.: 0.008 min
Response: 19934400
Conc: 105.70 ug/ml



#9 Phenanthrene (C19.36)

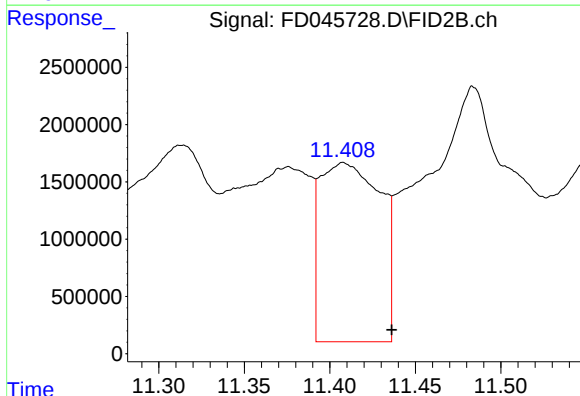
R.T.: 10.681 min
Delta R.T.: 0.016 min
Response: 47452441
Conc: 255.29 ug/ml

Instrument :
FID_D
ClientSampleId :



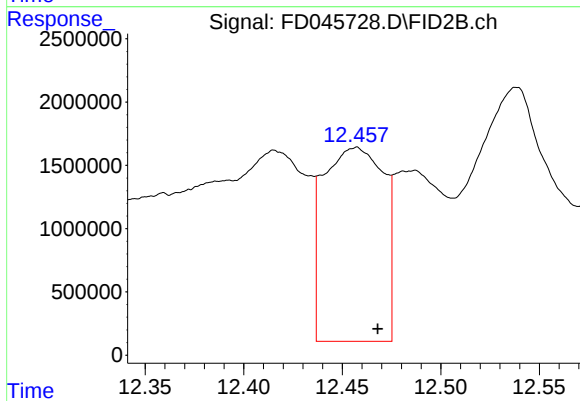
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.018 min
Response: 74342139
Conc: 415.85 ug/ml



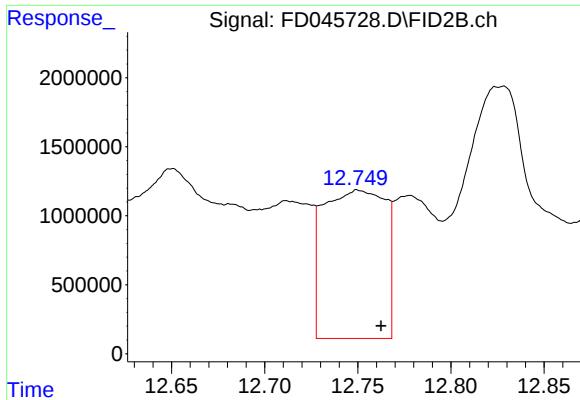
#11 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: -0.028 min
Response: 38165433
Conc: 180.78 ug/ml



#12 Fluoranthene (C21.85)

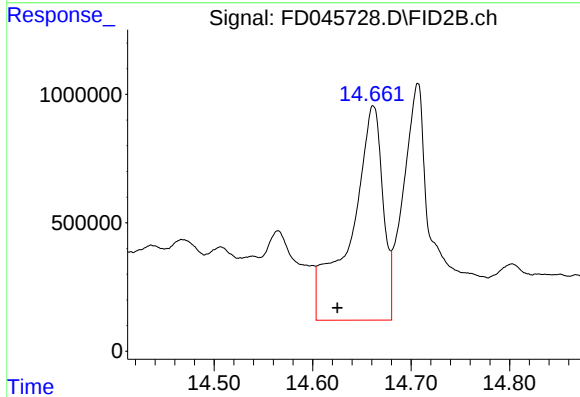
R.T.: 12.457 min
Delta R.T.: -0.011 min
Response: 32562345
Conc: 180.50 ug/ml



#13 Pyrene (C20.8)

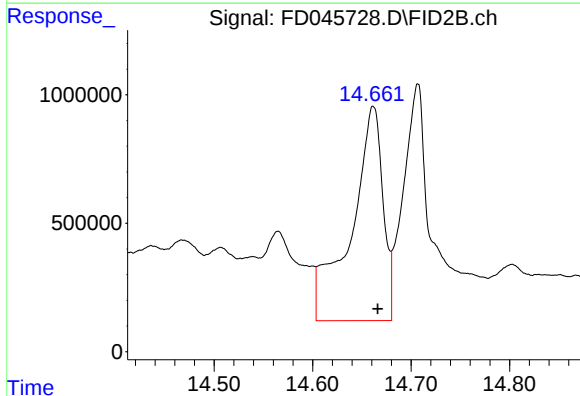
R.T.: 12.751 min
Delta R.T.: -0.012 min
Response: 24865179
Conc: 141.88 ug/ml

Instrument :
FID_D
ClientSampleId :



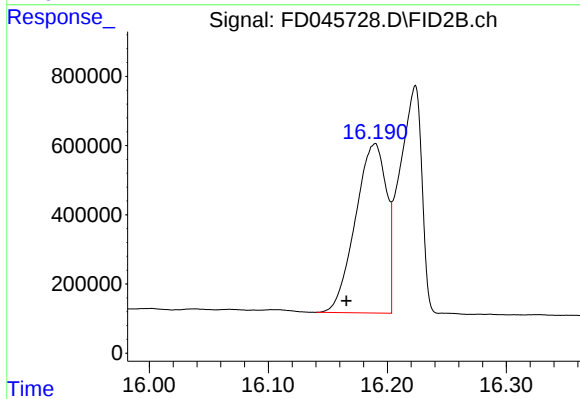
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.661 min
Delta R.T.: 0.036 min
Response: 18775631
Conc: 117.96 ug/ml



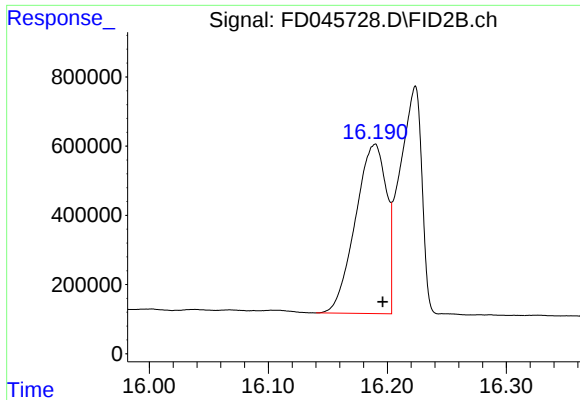
#15 Chrysene (C27.41)

R.T.: 14.661 min
Delta R.T.: -0.005 min
Response: 18775631
Conc: 115.63 ug/ml



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

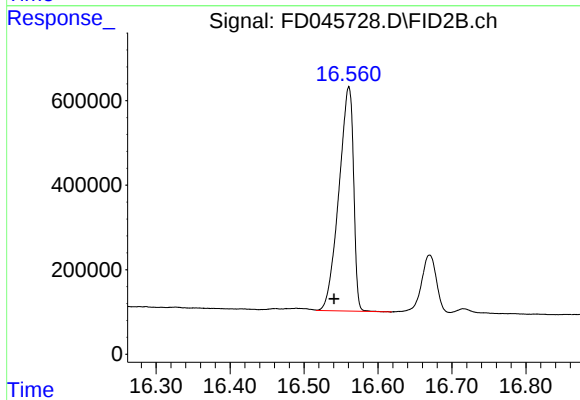
R.T.: 16.189 min
Delta R.T.: 0.023 min
Response: 8840362
Conc: 60.03 ug/ml



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

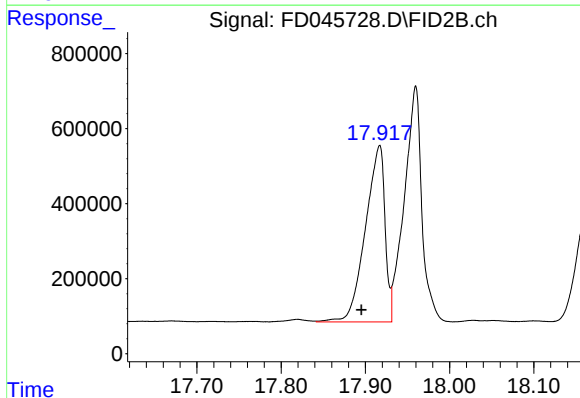
R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 8840362
Conc: 61.14 ug/ml

Instrument :
FID_D
ClientSampleId :



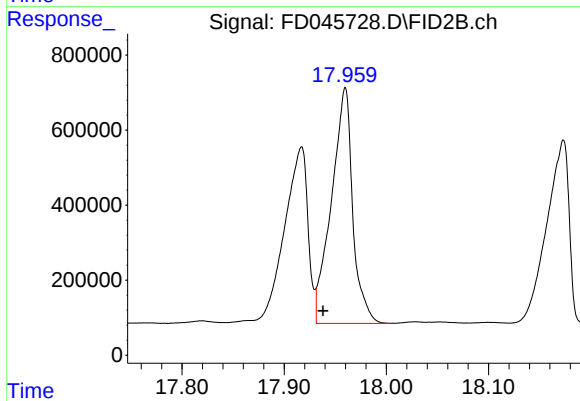
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.019 min
Response: 7332949
Conc: 52.59 ug/ml



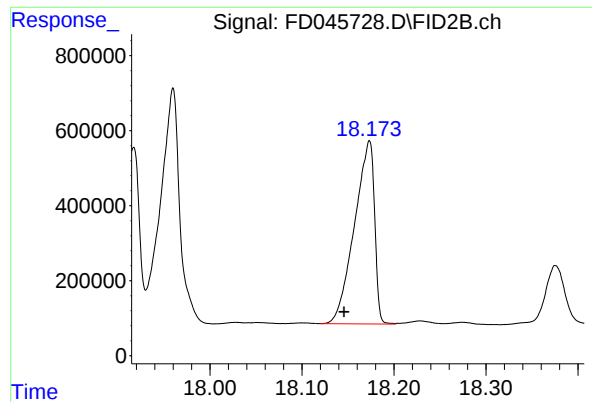
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.021 min
Response: 7578030
Conc: 59.65 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.021 min
Response: 9102432
Conc: 70.87 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.026 min
Response: 7405269
Conc: 57.57 ug/ml

Instrument :

FID_D

ClientSampleId :