

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046029.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 13:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:15:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.516	4106272	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
6) S 2-Fluorobiphenyl (SURR)	8.372	2627958	18.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.98%
11) S ortho-Terphenyl (SURR)	11.411	4804502	18.951 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	4807578	19.299 ug/ml
2) T Naphthalene (C11.7)	5.857	4856924	19.038 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	4797240	19.030 ug/ml
5) T Acenaphthylene (C15.06)	8.176	4143805	19.078 ug/ml
7) T Acenaphthene (C15.5)	8.472	4473188	18.977 ug/ml
8) T Fluorene (C16.55)	9.250	4295537	18.985 ug/ml
9) T Phenanthrene (C19.36)	10.640	4019250	18.836 ug/ml
10) T Anthracene (C19.43)	10.713	3013979	18.969 ug/ml
12) T Fluoranthene (C21.85)	12.445	3822287	18.677 ug/ml
13) T Pyrene (C20.8)	12.739	3745699	19.264 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3418245	19.007 ug/ml
15) T Chrysene (C27.41)	14.646	3705506	18.879 ug/ml
16) T benzo[b]fluoranthene ...	16.147	3717386	19.820 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	3736617	18.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	3517408	20.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	3679335	19.770 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	4168020	22.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.134	3689284	19.744 ug/ml

(f)=RT Delta > 1/2 Window

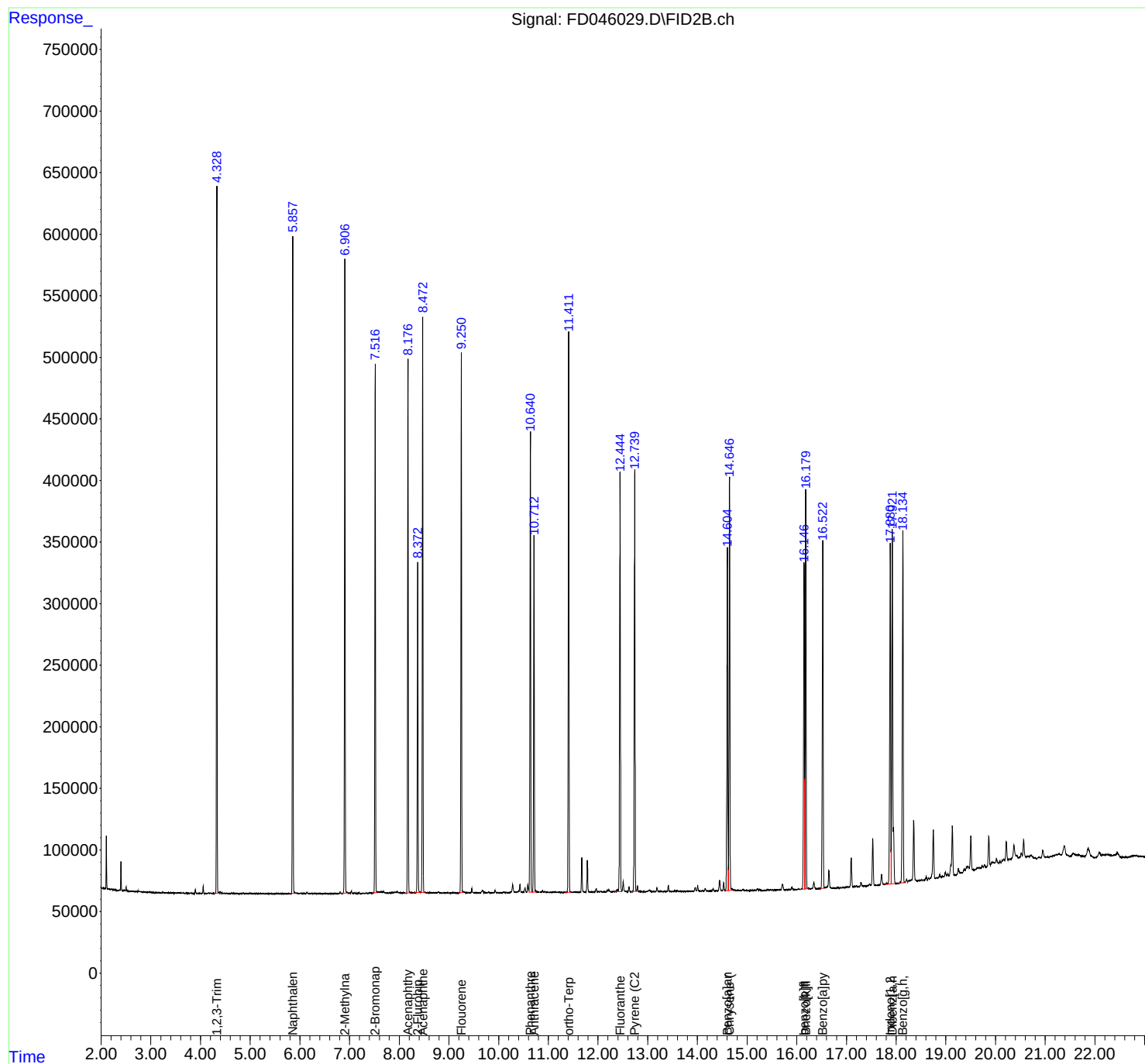
(m)=manual int.

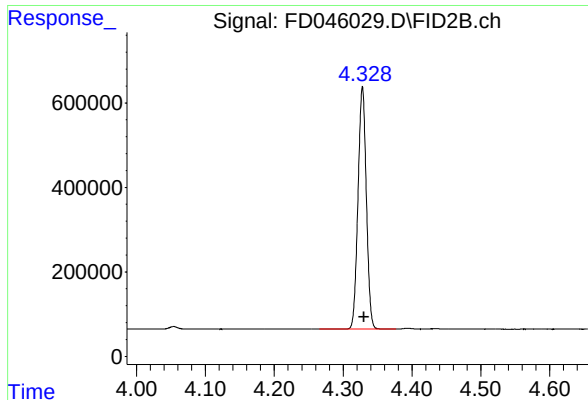
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Signal Info : 20M x 0.18mm x 0.18µm

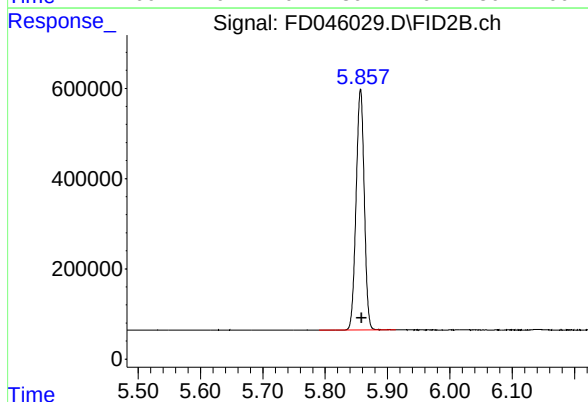




#1 1,2,3-Trimethylbenzene (C10.1)

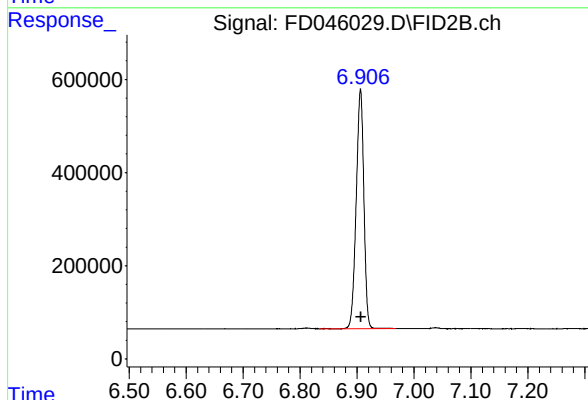
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 4807578
Conc: 19.30 ug/ml

Instrument :
FID_D
ClientSampleId :



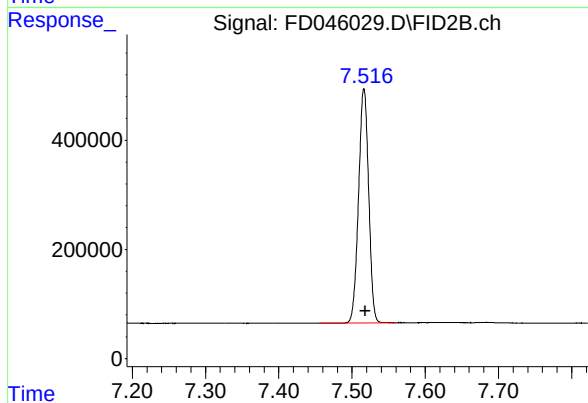
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 4856924
Conc: 19.04 ug/ml



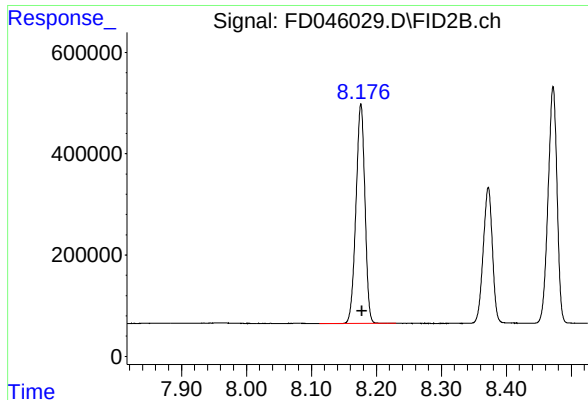
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 4797240
Conc: 19.03 ug/ml



#4 2-Bromonaphthalene (SURR)

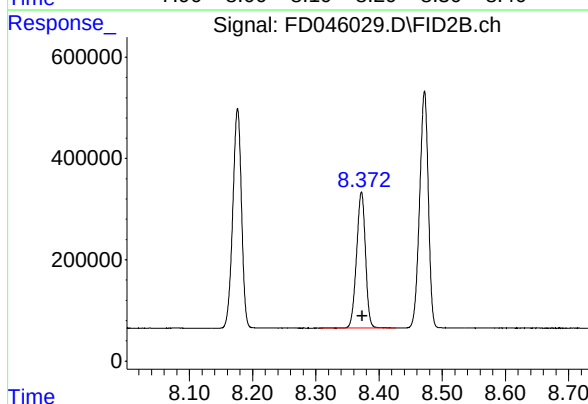
R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 4106272
Conc: 19.05 ug/ml



#5 Acenaphthylene (C15.06)

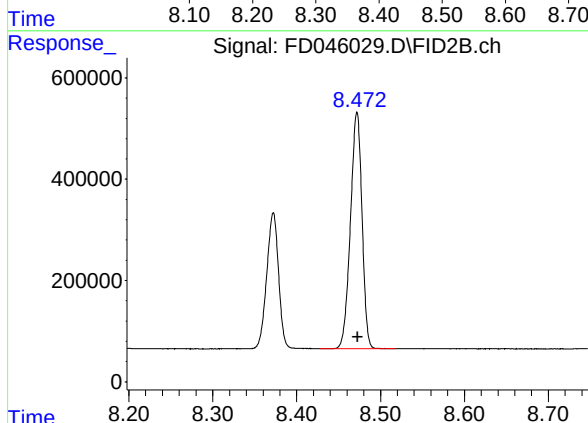
R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 4143805
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :



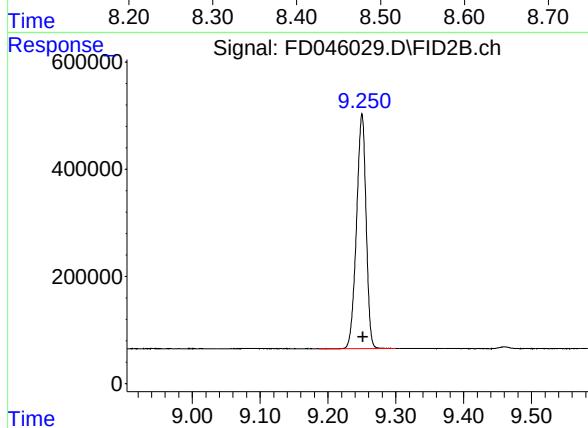
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.001 min
Response: 2627958
Conc: 18.99 ug/ml



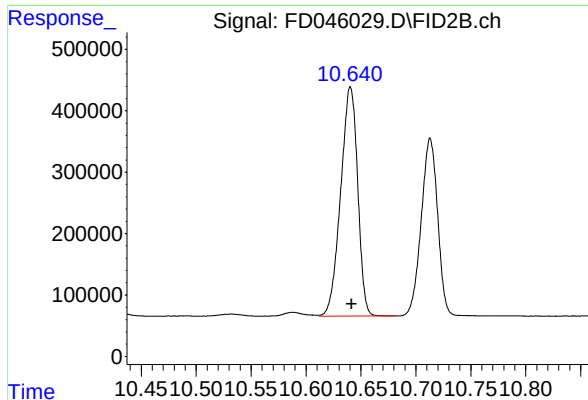
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 4473188
Conc: 18.98 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.002 min
Response: 4295537
Conc: 18.99 ug/ml



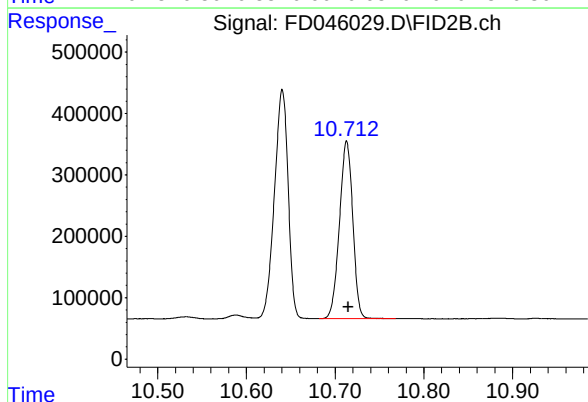
#9 Phenanthrene (C19.36)

R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 4019250
Conc: 18.84 ug/ml

Instrument :

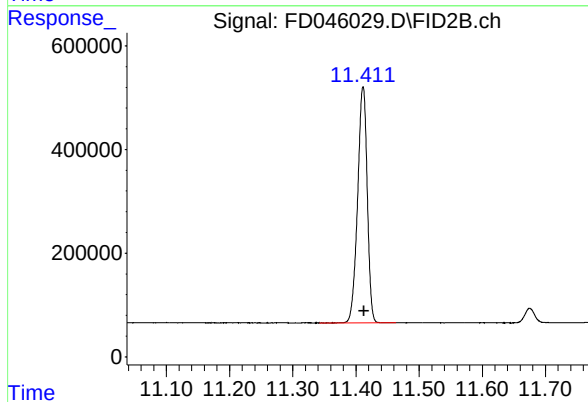
FID_D

ClientSampleId :



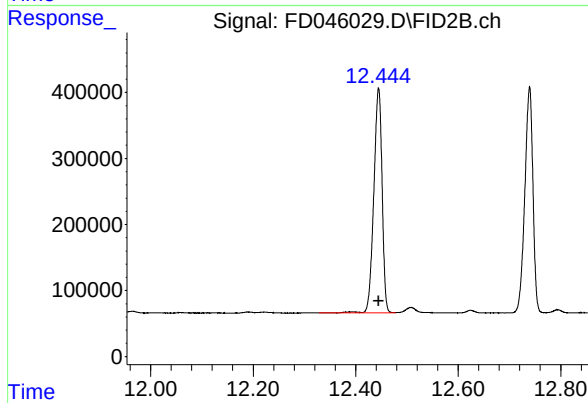
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.002 min
Response: 3013979
Conc: 18.97 ug/ml



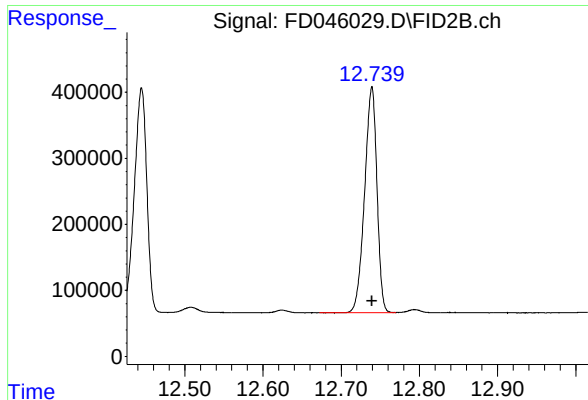
#11 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.002 min
Response: 4804502
Conc: 18.95 ug/ml



#12 Fluoranthene (C21.85)

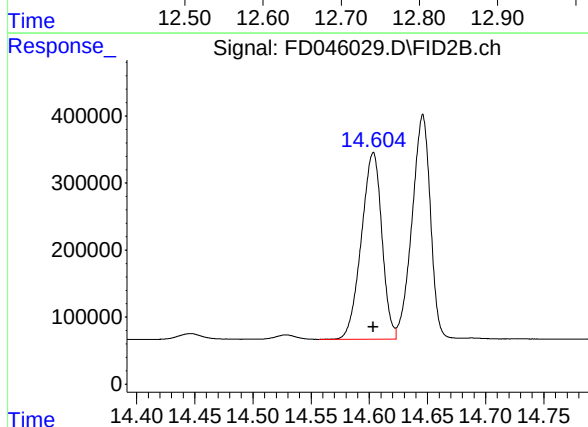
R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 3822287
Conc: 18.68 ug/ml



#13 Pyrene (C20.8)

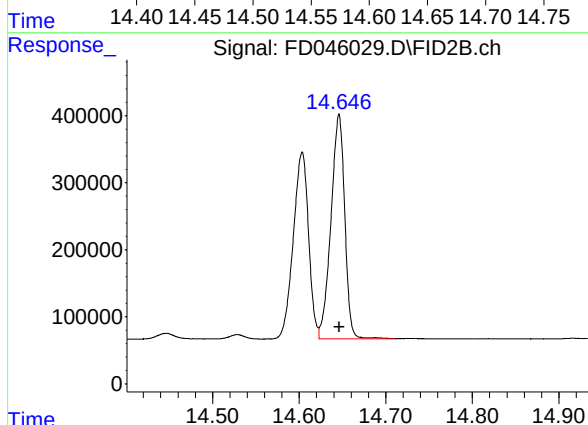
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3745699
Conc: 19.26 ug/ml

Instrument :
FID_D
ClientSampleId :



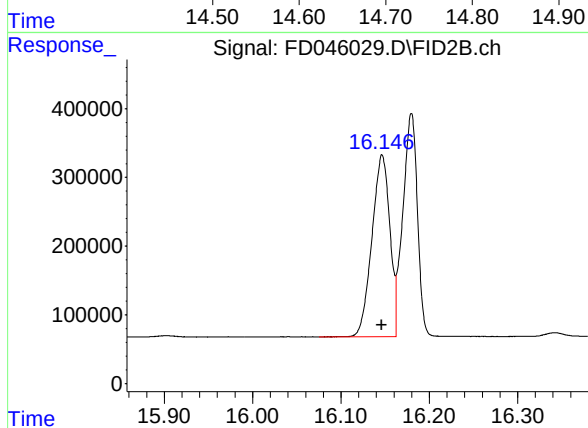
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 3418245
Conc: 19.01 ug/ml



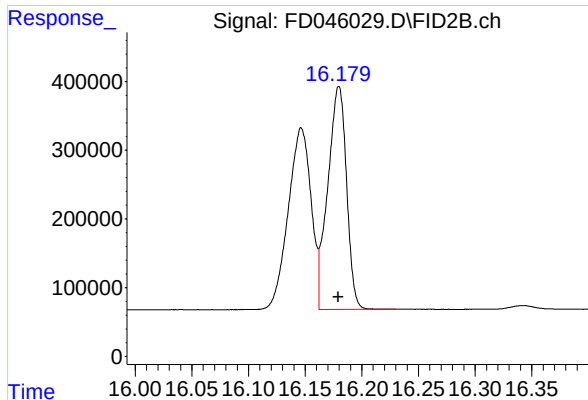
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 3705506
Conc: 18.88 ug/ml



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

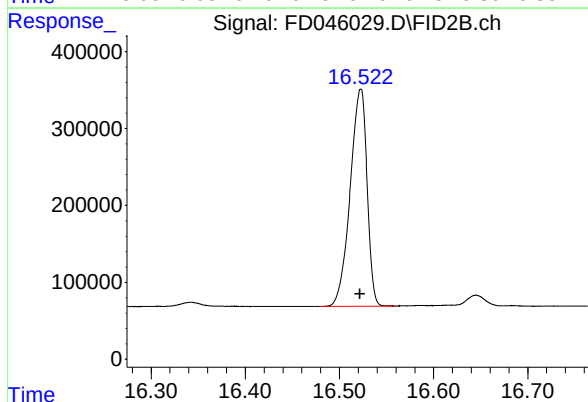
R.T.: 16.147 min
Delta R.T.: 0.000 min
Response: 3717386
Conc: 19.82 ug/ml



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

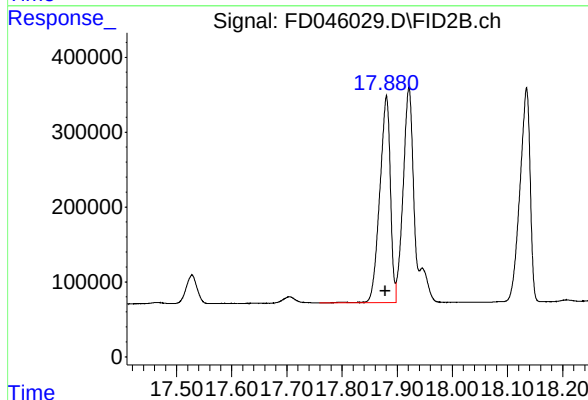
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 3736617
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampleId :



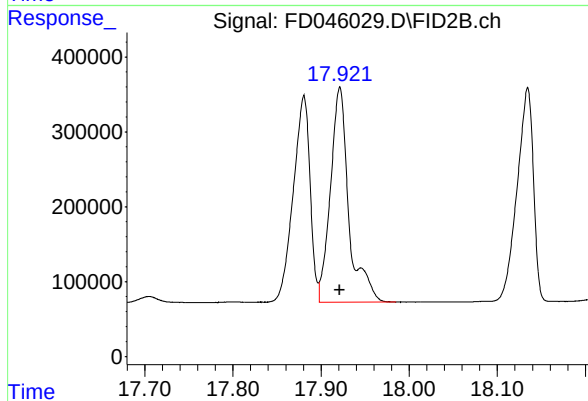
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 3517408
Conc: 20.19 ug/ml



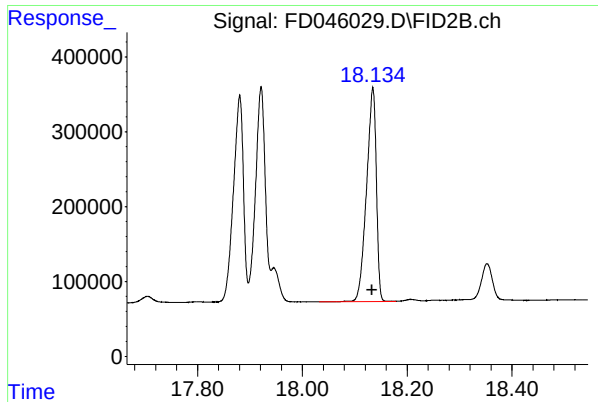
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: 0.002 min
Response: 3679335
Conc: 19.77 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.000 min
Response: 4168020
Conc: 22.67 ug/ml



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

R.T.: 18.134 min

Delta R.T.: 0.002 min

Response: 3689284

Conc: 19.74 ug/ml

Instrument :

FID_D

ClientSampleId :