

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046616.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 00:41
 Operator : YP/AJ
 Sample : 04686-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 03:35:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.503	35502960	201.463 ug/ml
Spiked Amount 50.000		Recovery =	402.93%
6) S 2-Fluorobiphenyl (SURR)	8.365	32236790	278.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	556.48%#
11) S ortho-Terphenyl (SURR)	11.403	28605525	140.410 ug/ml
Spiked Amount 50.000		Recovery =	280.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	2743232	14.853 ug/ml
2) T Naphthalene (C11.7)	5.832	4438377	22.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.896	37677000	194.425 ug/ml
5) T Acenaphthylene (C15.06)	8.154	37439545	212.333 ug/ml
7) T Acenaphthene (C15.5)	8.454	8899413	47.364 ug/ml
8) T Fluorene (C16.55)	9.215	8800405	48.785 ug/ml
9) T Phenanthrene (C19.36)	10.597	20822515	118.428 ug/ml
10) T Anthracene (C19.43)	10.721	19463649	126.721 ug/ml
12) T Fluoranthene (C21.85)	12.423	11281850	66.193 ug/ml
13) T Pyrene (C20.8)	12.714	6403089	39.032 ug/ml
14) T Benzo[a]anthracene (C...	14.566	883243	6.325 ug/ml
15) T Chrysene (C27.41)	14.605	616613	4.062 ug/ml
16) T benzo[b]fluoranthene ...	16.106	290538	2.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	133326	0.962 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	187895	1.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	435245	3.472 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	269154	2.023 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	199250	1.511 ug/ml

(f)=RT Delta > 1/2 Window

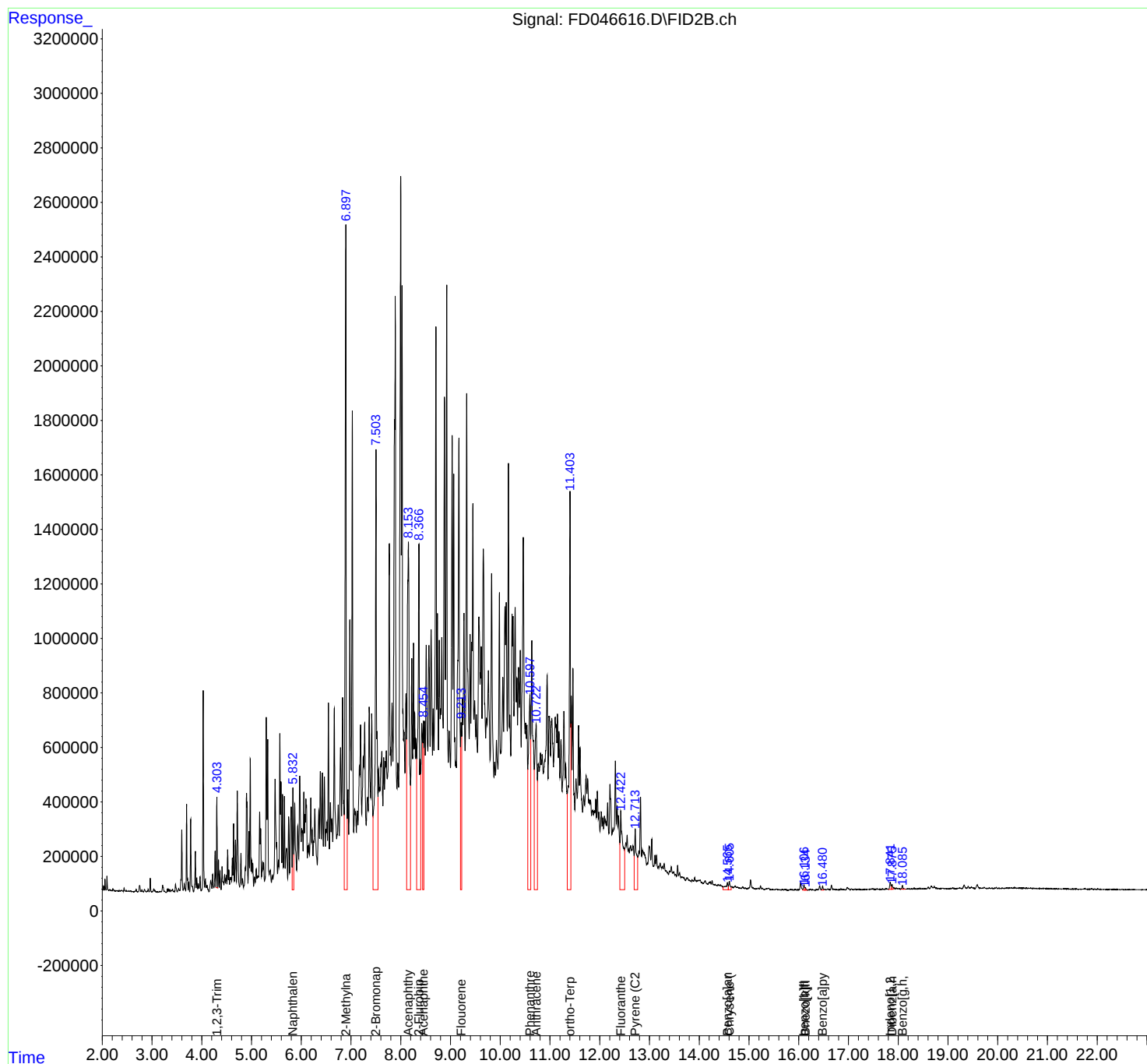
(m)=manual int.

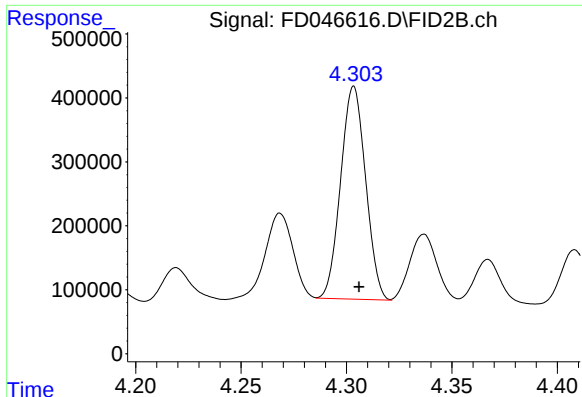
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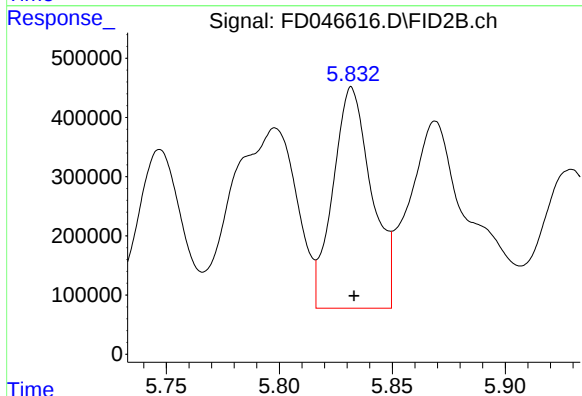




#1 1,2,3-Trimethylbenzene (C10.1)

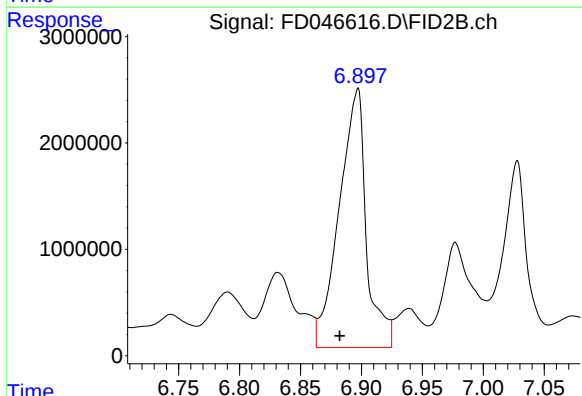
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 2743232
Conc: 14.85 ug/ml

Instrument :
FID_D
ClientSampleId :



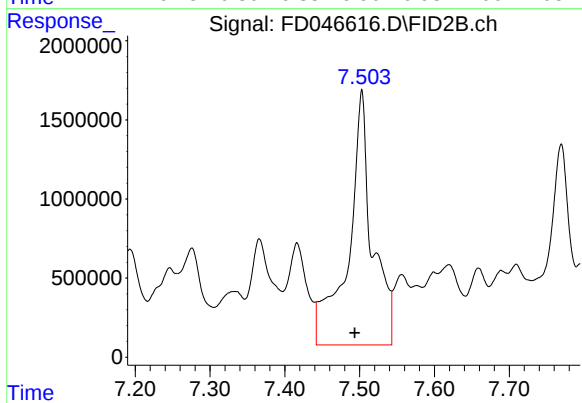
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 4438377
Conc: 22.97 ug/ml



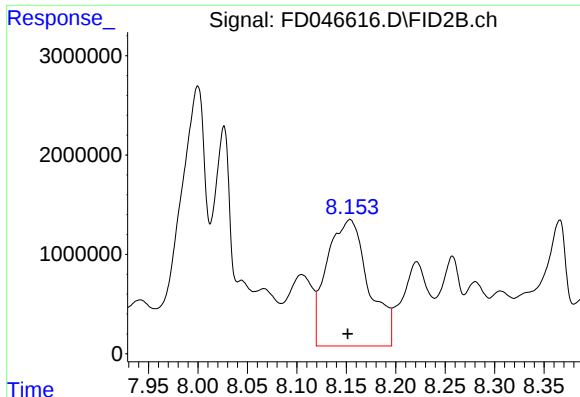
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: 0.014 min
Response: 37677000
Conc: 194.42 ug/ml



#4 2-Bromonaphthalene (SURR)

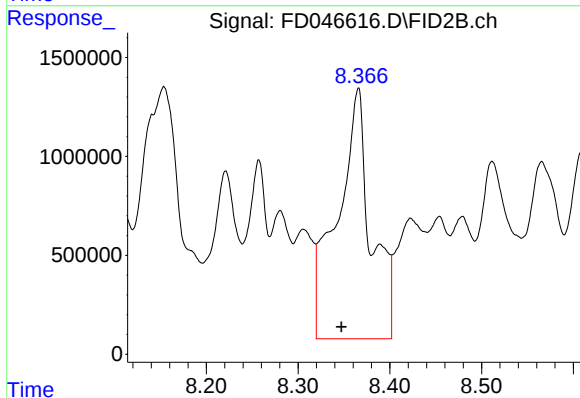
R.T.: 7.503 min
Delta R.T.: 0.009 min
Response: 35502960
Conc: 201.46 ug/ml



#5 Acenaphthylene (C15.06)

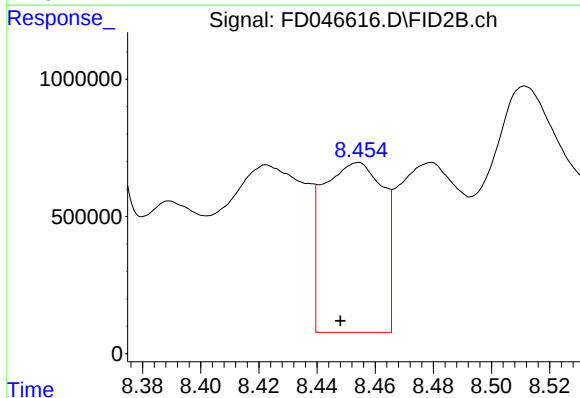
R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 37439545
Conc: 212.33 ug/ml

Instrument :
FID_D
ClientSampleId :



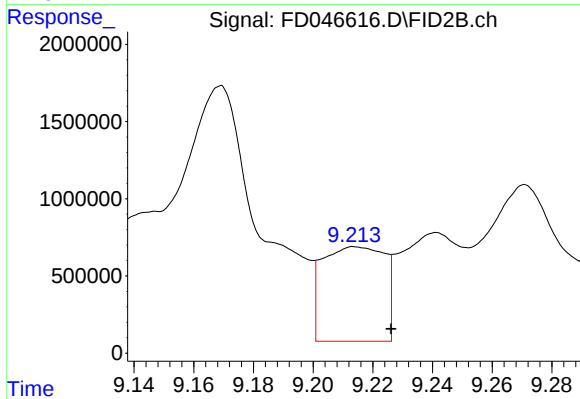
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: 0.018 min
Response: 32236790
Conc: 278.24 ug/ml



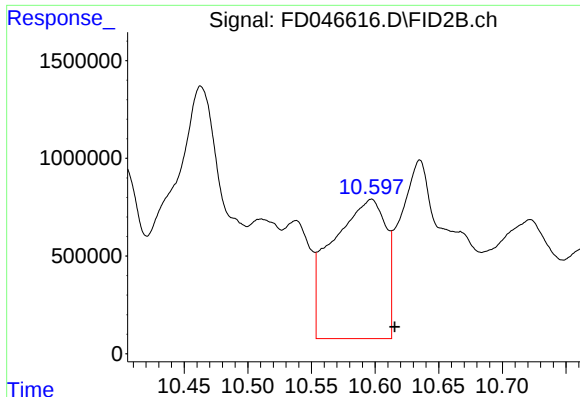
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: 0.006 min
Response: 8899413
Conc: 47.36 ug/ml



#8 Flouorene (C16.55)

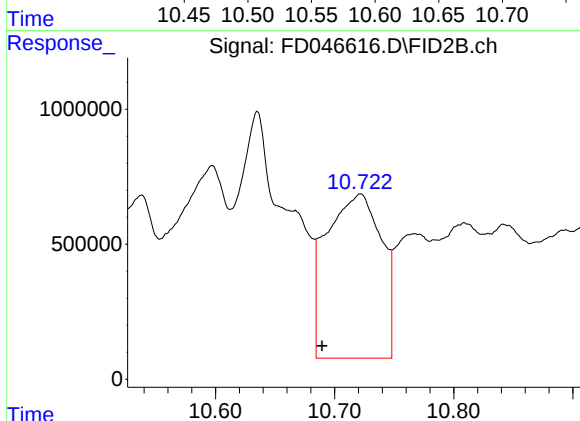
R.T.: 9.215 min
Delta R.T.: -0.011 min
Response: 8800405
Conc: 48.79 ug/ml



#9 Phenanthrene (C19.36)

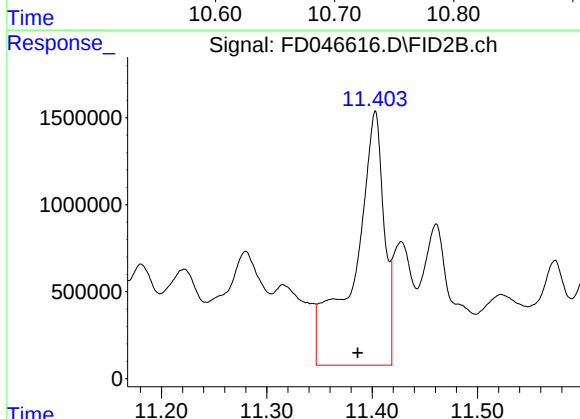
R.T.: 10.597 min
Delta R.T.: -0.019 min
Response: 20822515
Conc: 118.43 ug/ml

Instrument :
FID_D
ClientSampleId :



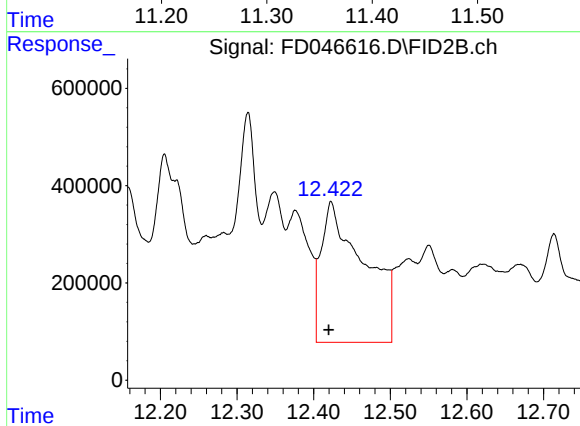
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: 0.032 min
Response: 19463649
Conc: 126.72 ug/ml



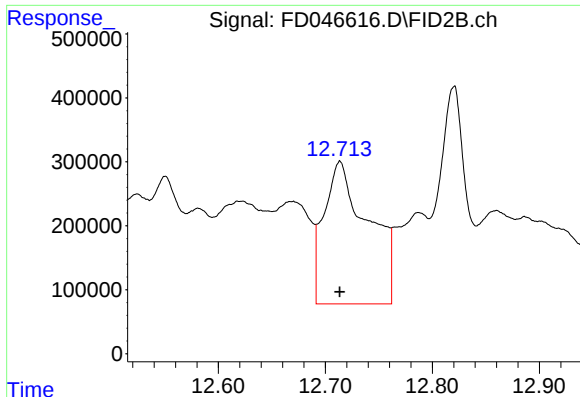
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: 0.016 min
Response: 28605525
Conc: 140.41 ug/ml



#12 Fluoranthene (C21.85)

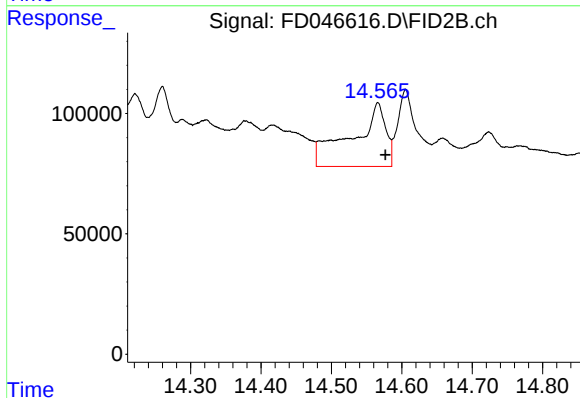
R.T.: 12.423 min
Delta R.T.: 0.003 min
Response: 11281850
Conc: 66.19 ug/ml



#13 Pyrene (C20.8)

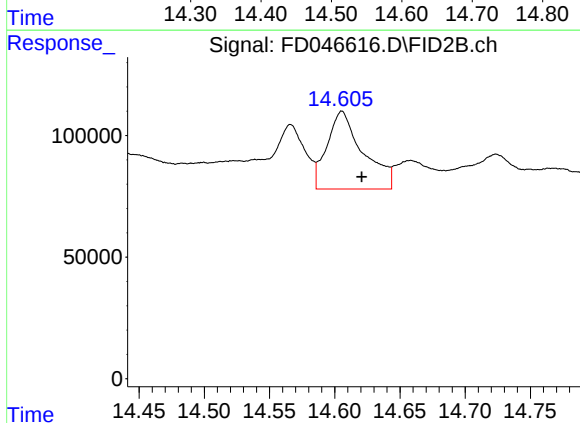
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 6403089
Conc: 39.03 ug/ml

Instrument :
FID_D
ClientSampleId :



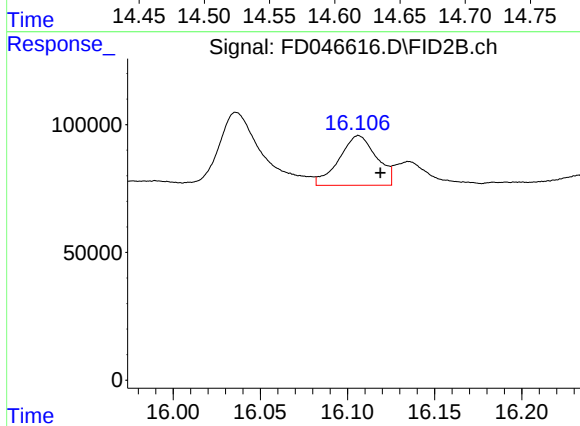
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 883243
Conc: 6.33 ug/ml



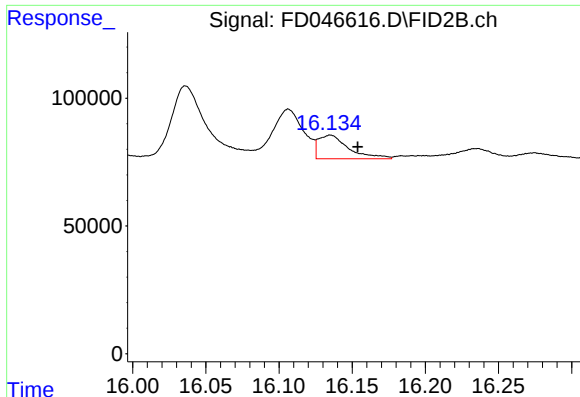
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: -0.015 min
Response: 616613
Conc: 4.06 ug/ml



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

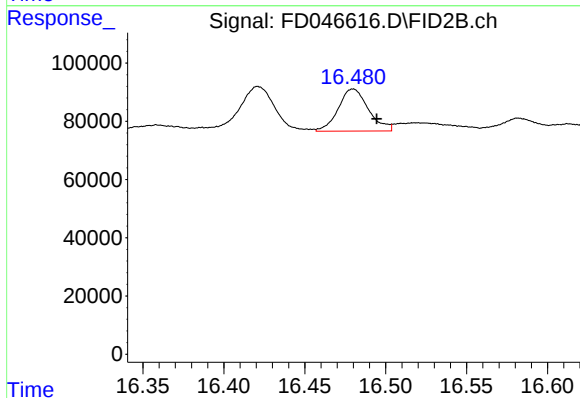
R.T.: 16.106 min
Delta R.T.: -0.012 min
Response: 290538
Conc: 2.12 ug/ml



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

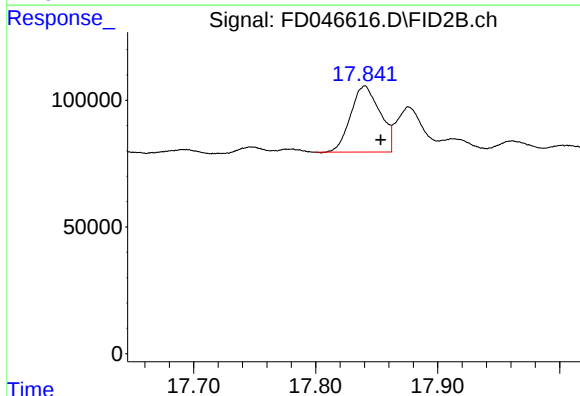
R.T.: 16.135 min
Delta R.T.: -0.019 min
Response: 133326
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



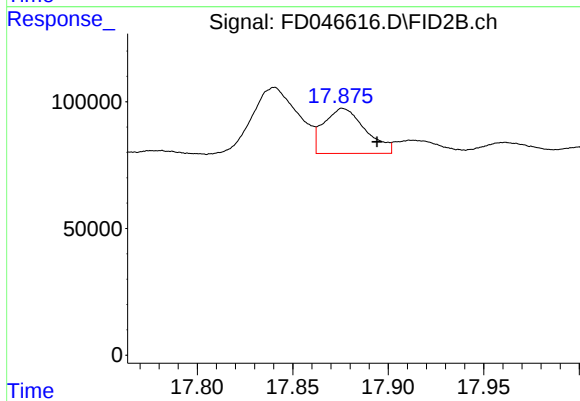
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: -0.015 min
Response: 187895
Conc: 1.40 ug/ml



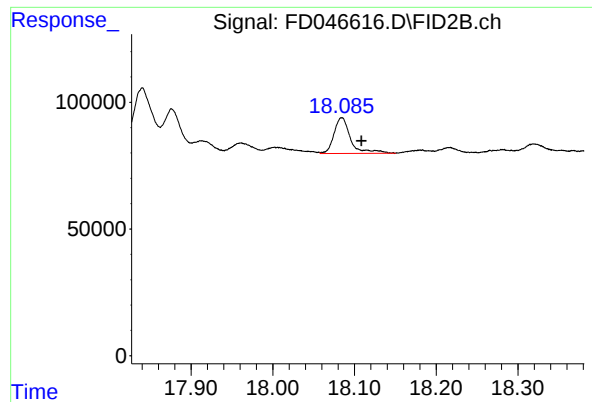
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 435245
Conc: 3.47 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.018 min
Response: 269154
Conc: 2.02 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.024 min
Response: 199250
Conc: 1.51 ug/ml

Instrument :

FID_D

ClientSampleId :