

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048607.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 16:27
 Operator : YP/AJ
 Sample : P4518-05MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:37:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.374	10910574	71.885 ug/ml
Spiked Amount 50.000		Recovery =	143.77%
6) S 2-Fluorobiphenyl (SURR)	8.227	8223744	83.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	167.50%#
11) S ortho-Terphenyl (SURR)	11.263	10922716	64.123 ug/ml
Spiked Amount 50.000		Recovery =	128.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	6031508	34.670 ug/ml
2) T Naphthalene (C11.7)	5.714	10365314	58.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	14275643	79.812 ug/ml
5) T Acenaphthylene (C15.06)	8.032	17759586	101.141 ug/ml
7) T Acenaphthene (C15.5)	8.327	16185101	91.254 ug/ml
8) T Fluorene (C16.55)	9.108	18554267	109.765 ug/ml
9) T Phenanthrene (C19.36)	10.498	17903383	108.305 ug/ml
10) T Anthracene (C19.43)	10.572	16087404	100.603 ug/ml
12) T Fluoranthene (C21.85)	12.301	15367104	93.373 ug/ml
13) T Pyrene (C20.8)	12.594	13352264	82.893 ug/ml
14) T Benzo[a]anthracene (C...	14.460	10201586	69.771 ug/ml
15) T Chrysene (C27.41)	14.503	9884118	60.089 ug/ml
16) T benzo[b]fluoranthene ...	16.008	9660357	63.543 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	9174125	61.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	9154091	60.826 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	9799594	75.105 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	8906597	54.731 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	8814435	57.576 ug/ml

(f)=RT Delta > 1/2 Window

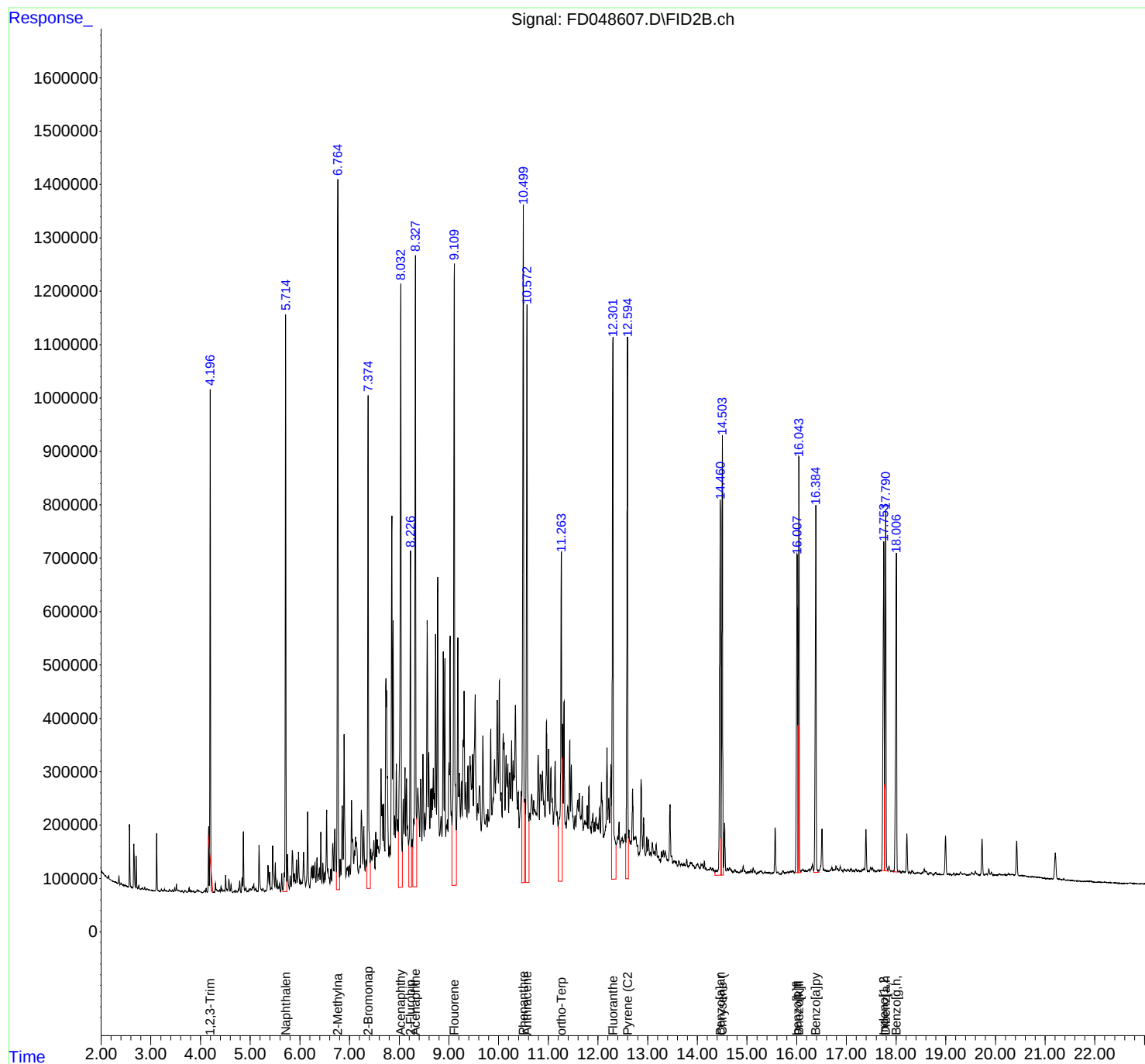
(m)=manual int.

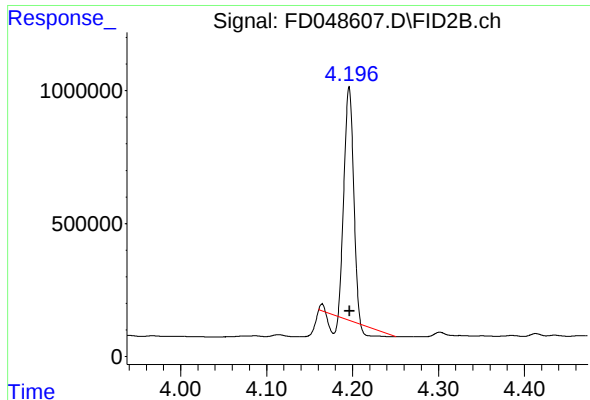
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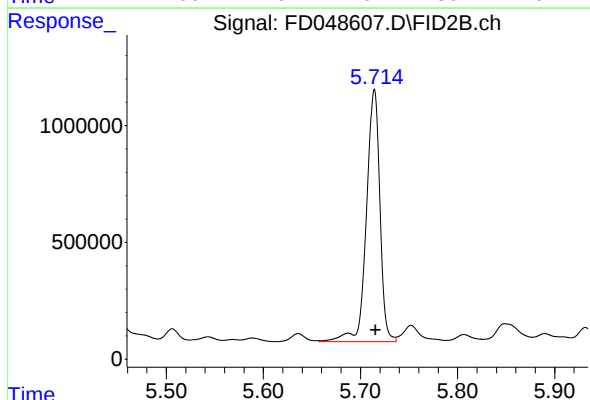




#1 1,2,3-Trimethylbenzene (C10.1)

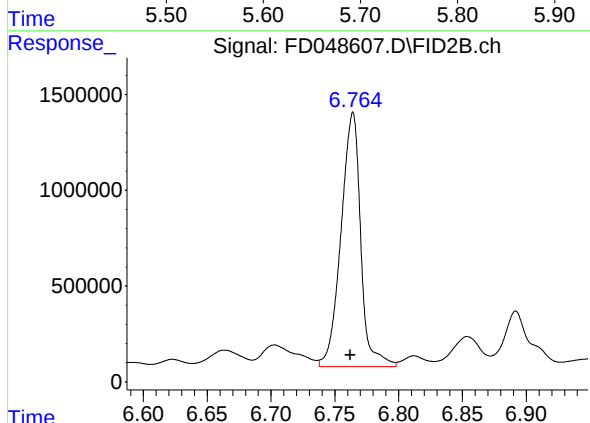
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 6031508
Conc: 34.67 ug/ml

Instrument :
FID_D
ClientSampleId :



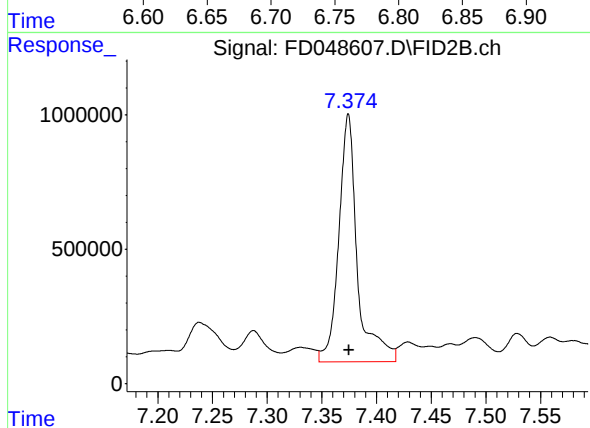
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 10365314
Conc: 58.09 ug/ml



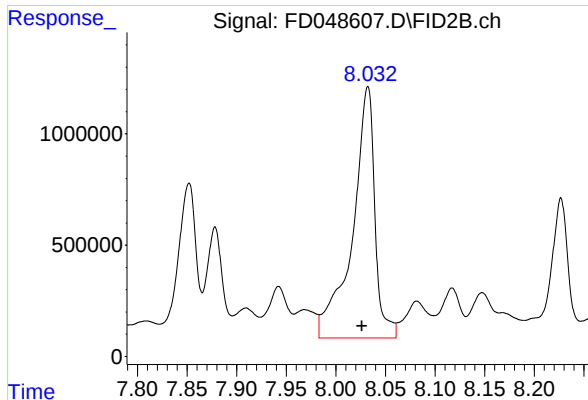
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 14275643
Conc: 79.81 ug/ml



#4 2-Bromonaphthalene (SURR)

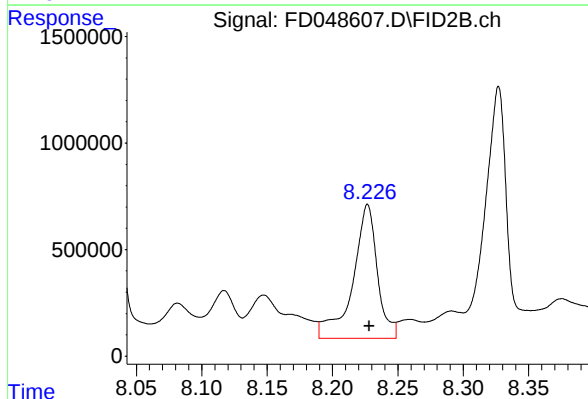
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 10910574
Conc: 71.88 ug/ml



#5 Acenaphthylene (C15.06)

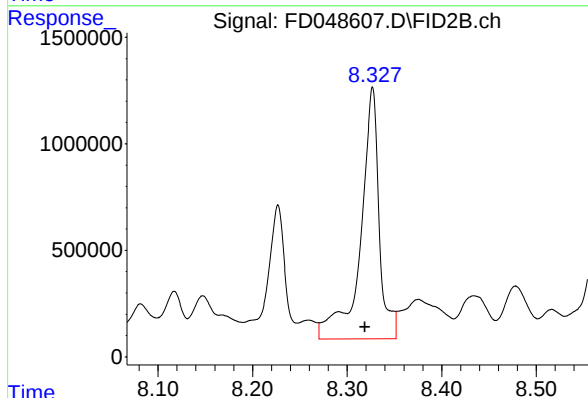
R.T.: 8.032 min
Delta R.T.: 0.005 min
Response: 17759586
Conc: 101.14 ug/ml

Instrument :
FID_D
ClientSampleId :



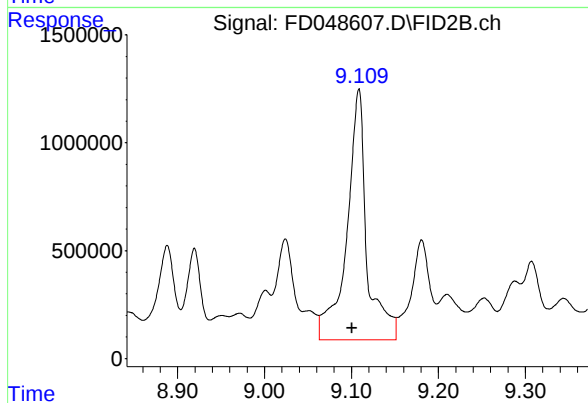
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.001 min
Response: 8223744
Conc: 83.75 ug/ml



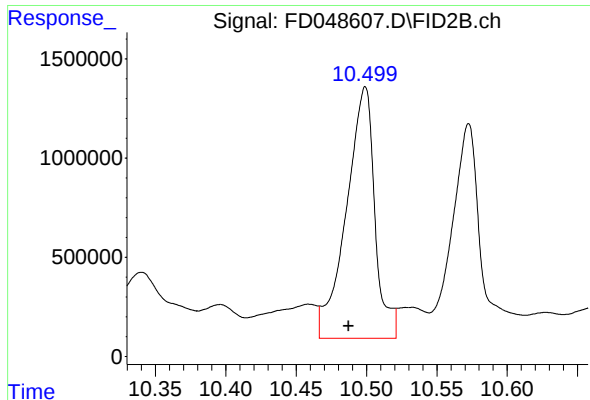
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.008 min
Response: 16185101
Conc: 91.25 ug/ml



#8 Flouorene (C16.55)

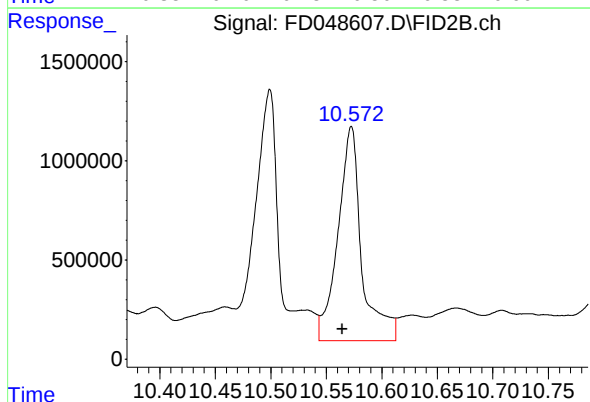
R.T.: 9.108 min
Delta R.T.: 0.007 min
Response: 18554267
Conc: 109.76 ug/ml



#9 Phenanthrene (C19.36)

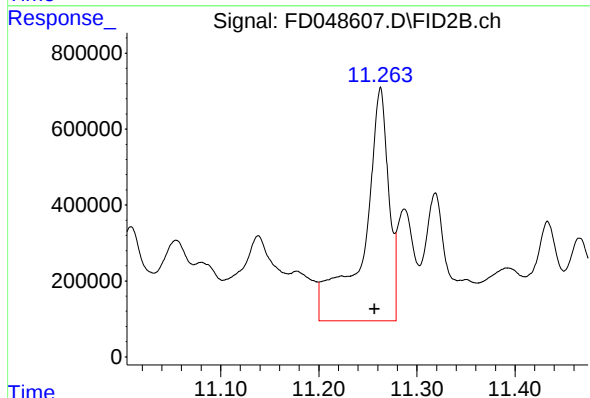
R.T.: 10.498 min
Delta R.T.: 0.011 min
Response: 17903383
Conc: 108.30 ug/ml

Instrument :
FID_D
ClientSampleId :



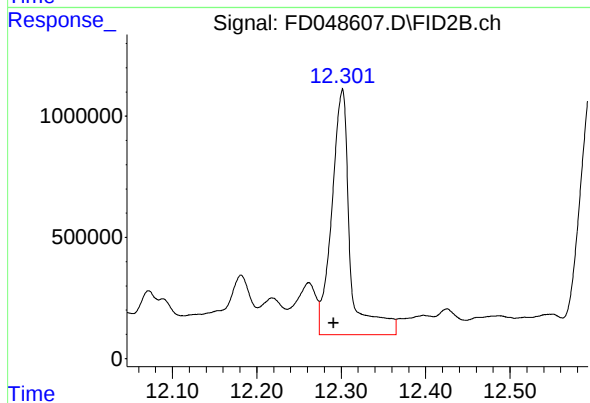
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.007 min
Response: 16087404
Conc: 100.60 ug/ml



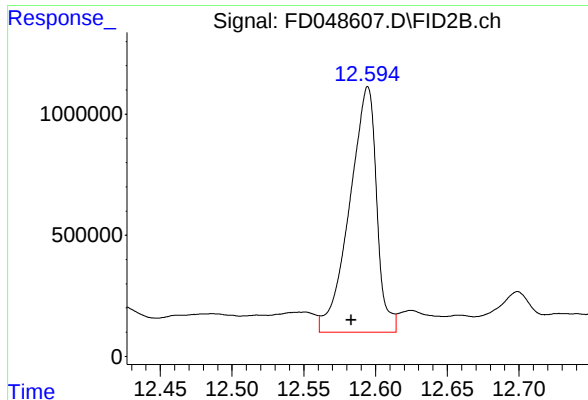
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.006 min
Response: 10922716
Conc: 64.12 ug/ml



#12 Fluoranthene (C21.85)

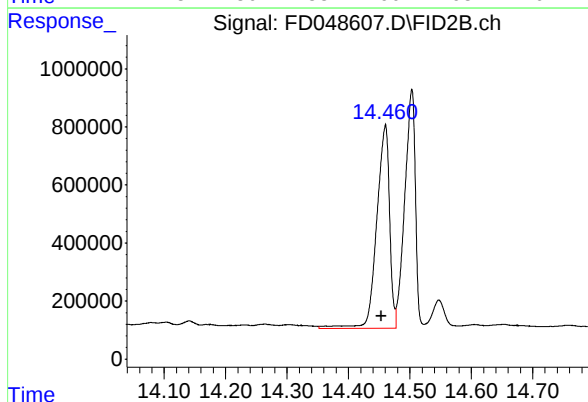
R.T.: 12.301 min
Delta R.T.: 0.009 min
Response: 15367104
Conc: 93.37 ug/ml



#13 Pyrene (C20.8)

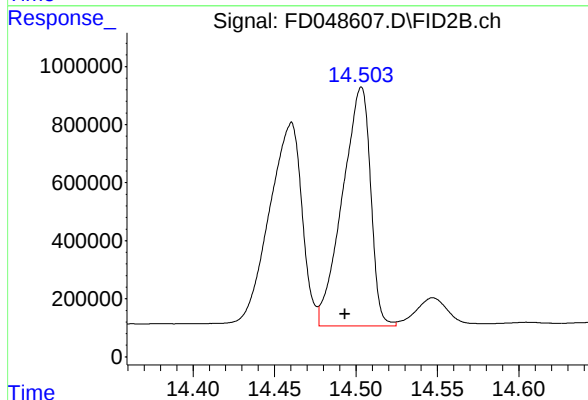
R.T.: 12.594 min
Delta R.T.: 0.011 min
Response: 13352264
Conc: 82.89 ug/ml

Instrument :
FID_D
ClientSampleId :



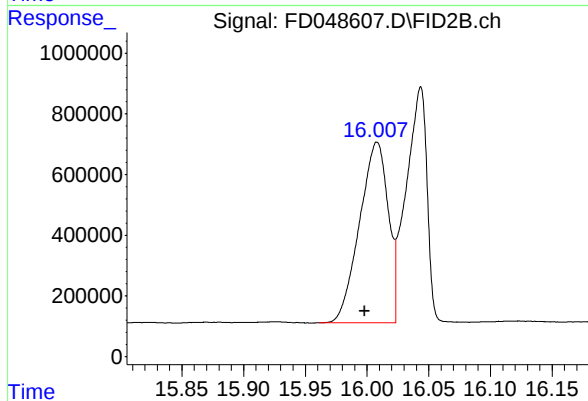
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: 0.006 min
Response: 10201586
Conc: 69.77 ug/ml



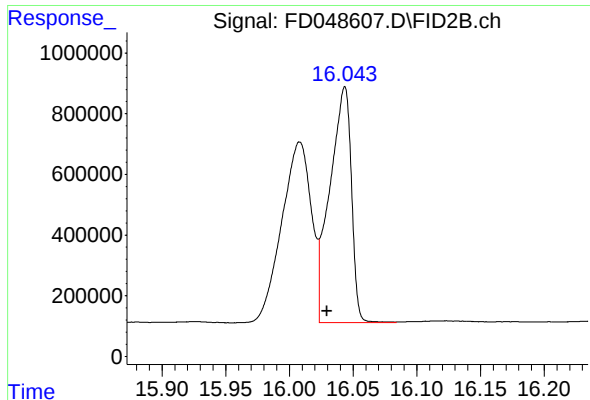
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.009 min
Response: 9884118
Conc: 60.09 ug/ml



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

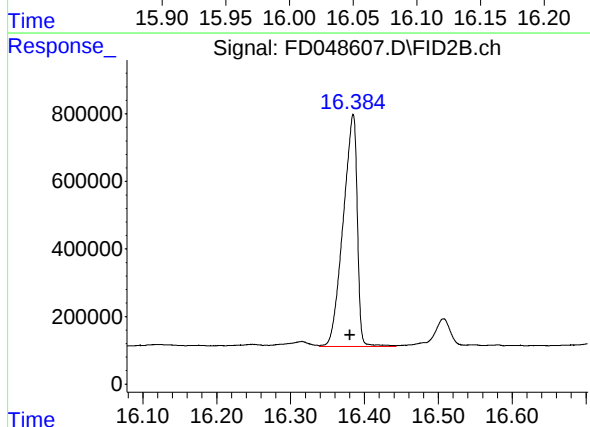
R.T.: 16.008 min
Delta R.T.: 0.010 min
Response: 9660357
Conc: 63.54 ug/ml



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

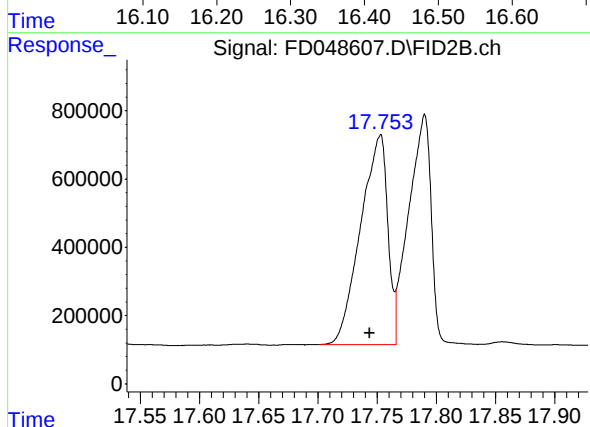
R.T.: 16.043 min
Delta R.T.: 0.013 min
Response: 9174125
Conc: 61.04 ug/ml

Instrument :
FID_D
ClientSampleId :



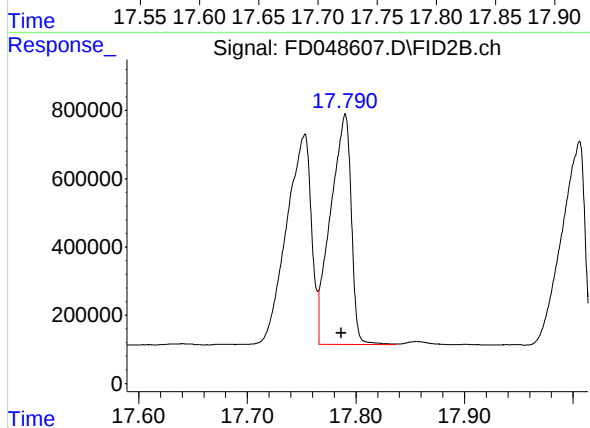
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.003 min
Response: 9154091
Conc: 60.83 ug/ml



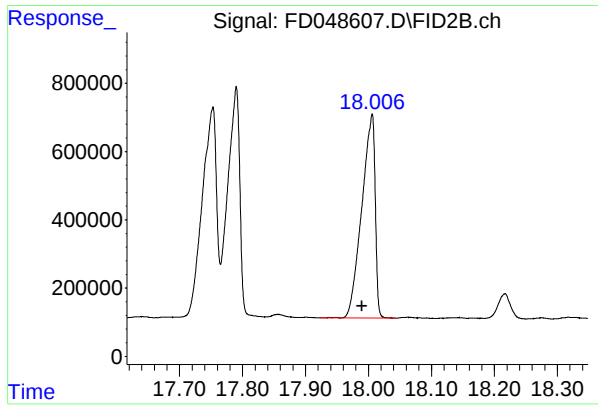
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.008 min
Response: 9799594
Conc: 75.11 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.003 min
Response: 8906597
Conc: 54.73 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.014 min
Response: 8814435
Conc: 57.58 ug/ml

Instrument :

FID_D

ClientSampleId :