

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044529.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 16:44
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 29 00:22:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:18:15 2022
 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...	7.690	11736905	95.582 ug/ml
Spiked Amount 50.000		Recovery =	191.16%
6) S 2-Fluorobiphenyl (SURR)	8.550	7986294	95.686 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.37%#
11) S ortho-Terphenyl (SURR)	11.584	14684551	95.403 ug/ml
Spiked Amount 50.000		Recovery =	190.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	12934926	95.673 ug/ml
2) T Naphthalene (C11.7)	6.035	13599344	95.570 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	13679072	95.691 ug/ml
5) T Acenaphthylene (C15.06)	8.355	12554516	95.509 ug/ml
7) T Acenaphthene (C15.5)	8.651	13260474	95.510 ug/ml
8) T Fluorene (C16.55)	9.429	13080800	95.741 ug/ml
9) T Phenanthrene (C19.36)	10.820	12930806	95.714 ug/ml
10) T Anthracene (C19.43)	10.896	12620745	95.890 ug/ml
12) T Fluoranthene (C21.85)	12.626	12909967	95.771 ug/ml
13) T Pyrene (C20.8)	12.923	12638249	95.646 ug/ml
14) T Benzo[a]anthracene (C...	14.784	11749170	95.726 ug/ml
15) T Chrysene (C27.41)	14.832	12205595	95.583 ug/ml
16) T benzo[b]fluoranthene ...	16.329	11971397	95.896 ug/ml
17) T Bnezo[k]fluoranthene ...	16.367	11818417	97.123 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.708	11748398	95.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.067	11931976	97.591 ug/ml
20) T Dibenz[a,h]anthracene...	18.108	11011294	94.284 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	11686898	95.588 ug/ml

(f)=RT Delta > 1/2 Window

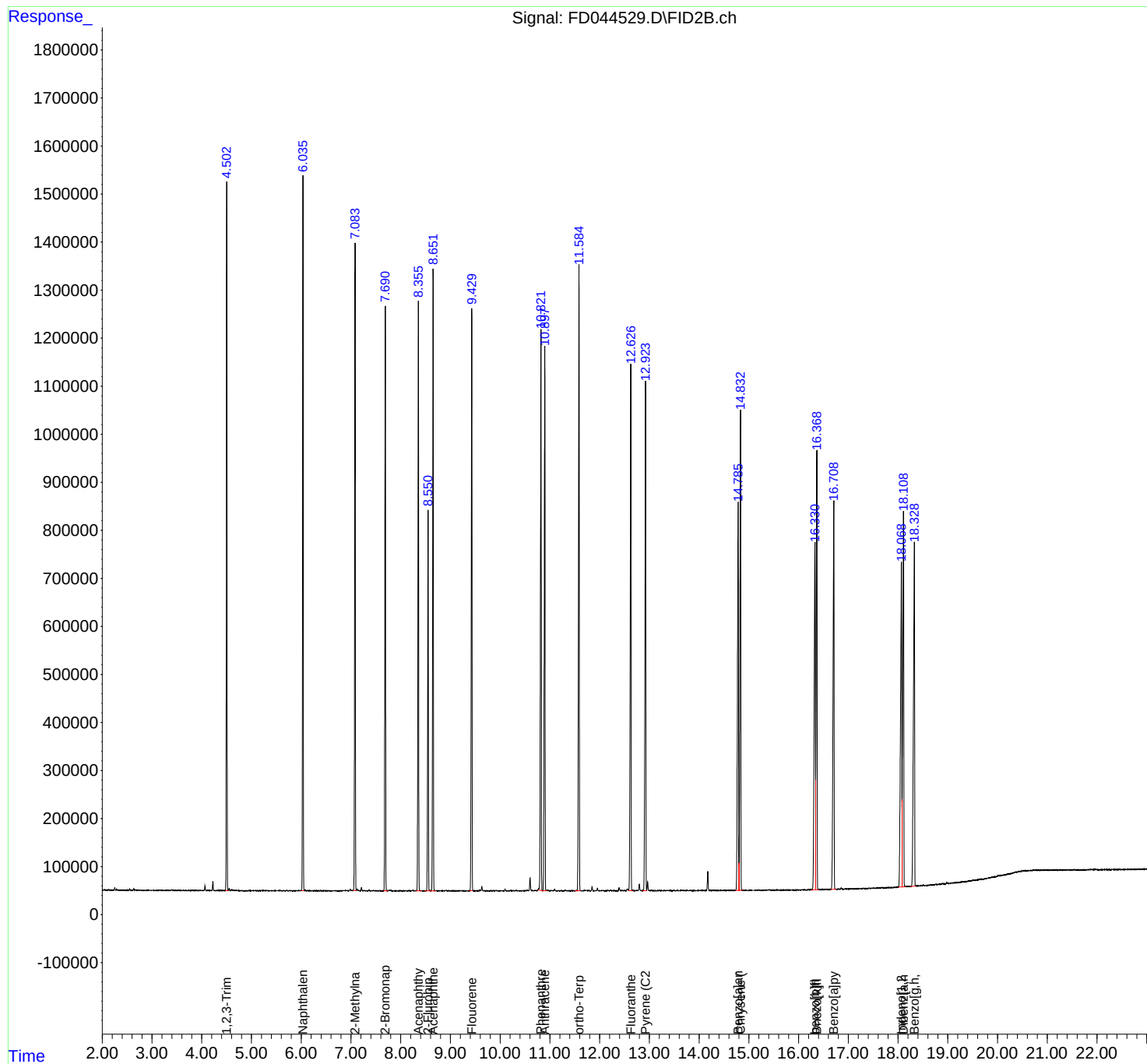
(m)=manual int.

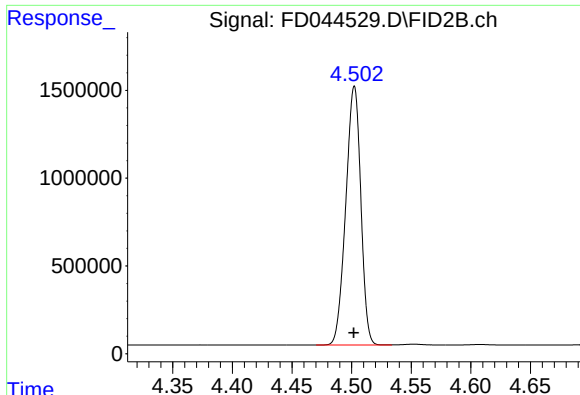
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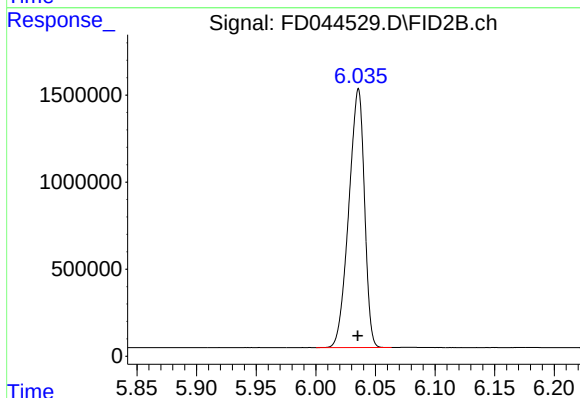




#1 1,2,3-Trimethylbenzene (C10.1)

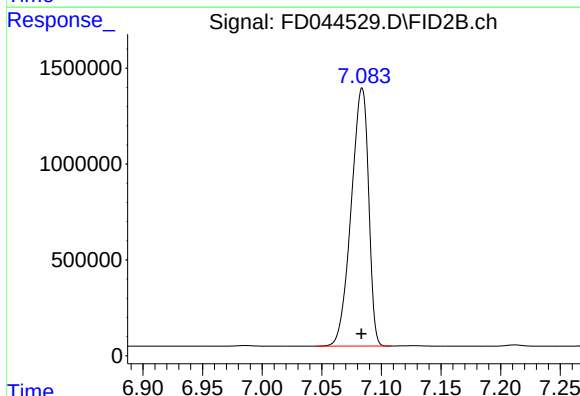
R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 12934926
Conc: 95.67 ug/ml

Instrument :
FID_D
ClientSampleId :



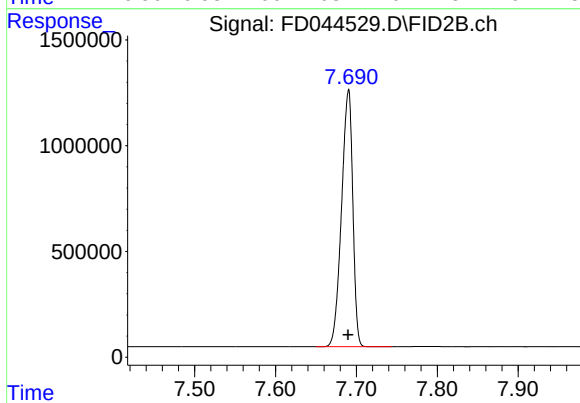
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 13599344
Conc: 95.57 ug/ml



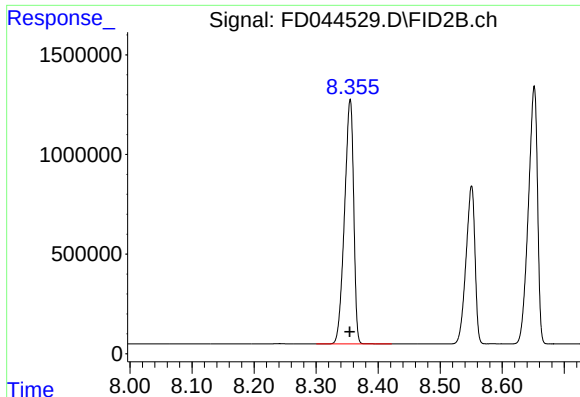
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 13679072
Conc: 95.69 ug/ml



#4 2-Bromonaphthalene (SURR)

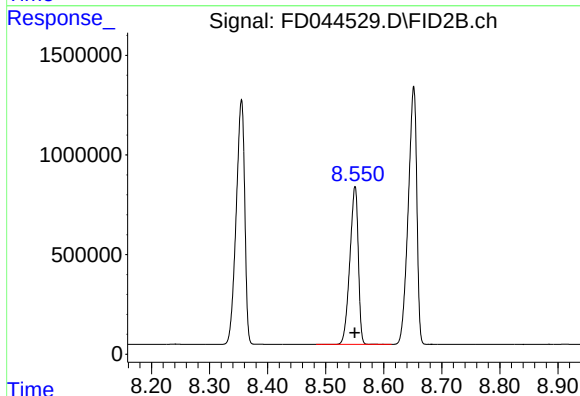
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 11736905
Conc: 95.58 ug/ml



#5 Acenaphthylene (C15.06)

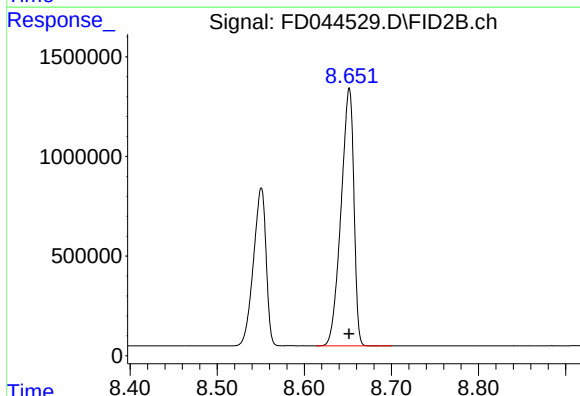
R.T.: 8.355 min
Delta R.T.: 0.000 min
Response: 12554516
Conc: 95.51 ug/ml

Instrument :
FID_D
ClientSampleId :



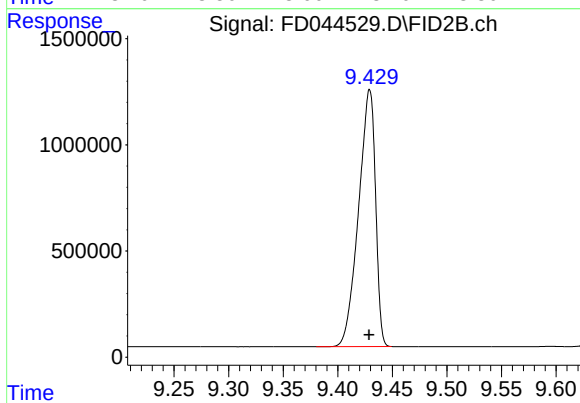
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 7986294
Conc: 95.69 ug/ml



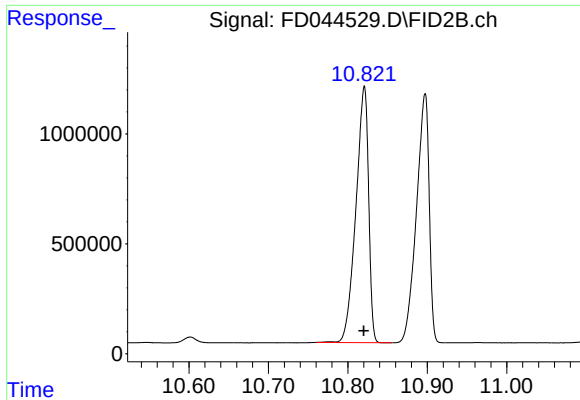
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 13260474
Conc: 95.51 ug/ml



#8 Fluorene (C16.55)

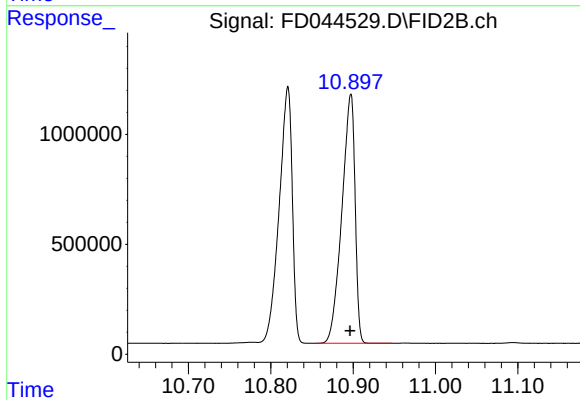
R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 13080800
Conc: 95.74 ug/ml



#9 Phenanthrene (C19.36)

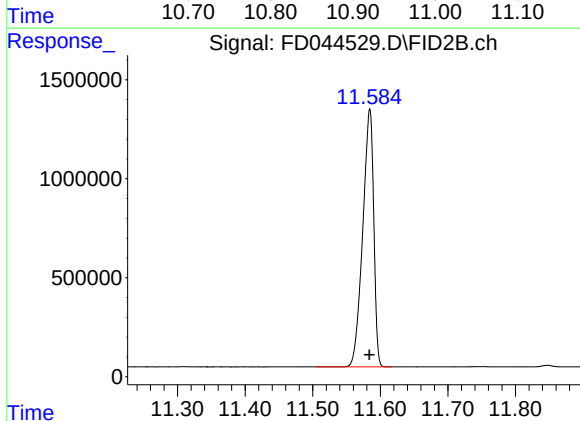
R.T.: 10.820 min
Delta R.T.: 0.000 min
Response: 12930806
Conc: 95.71 ug/ml

Instrument :
FID_D
ClientSampleId :



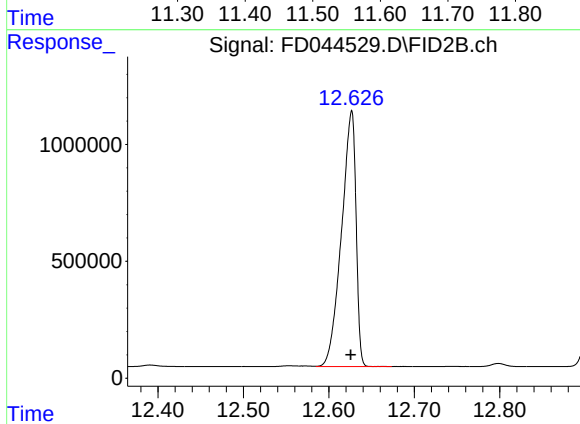
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: 0.000 min
Response: 12620745
Conc: 95.89 ug/ml



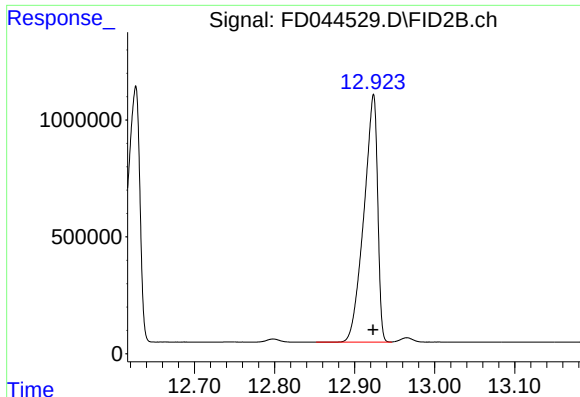
#11 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 14684551
Conc: 95.40 ug/ml



#12 Fluoranthene (C21.85)

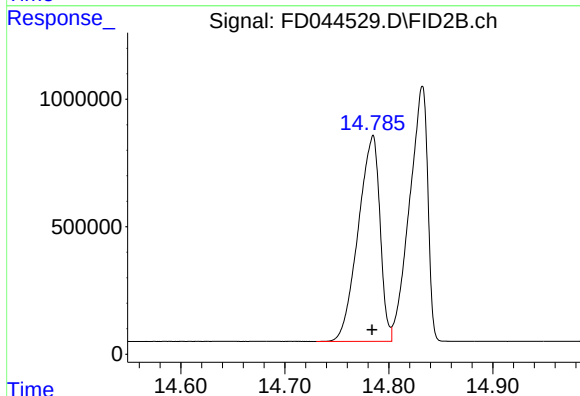
R.T.: 12.626 min
Delta R.T.: 0.000 min
Response: 12909967
Conc: 95.77 ug/ml



#13 Pyrene (C20.8)

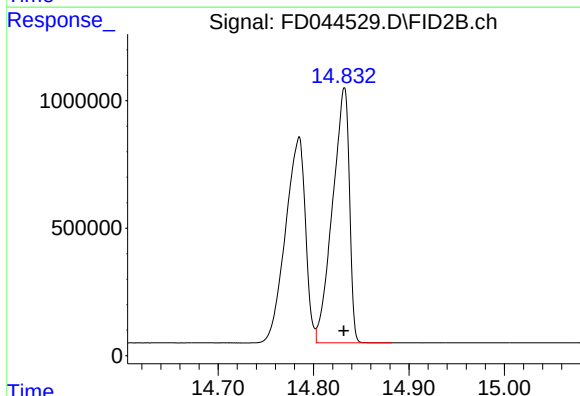
R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 12638249
Conc: 95.65 ug/ml

Instrument :
FID_D
ClientSampleId :



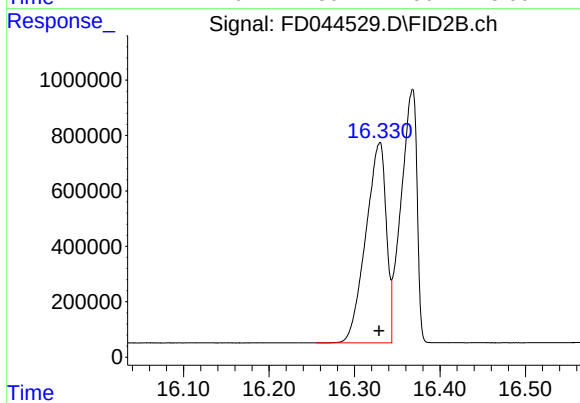
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 11749170
Conc: 95.73 ug/ml



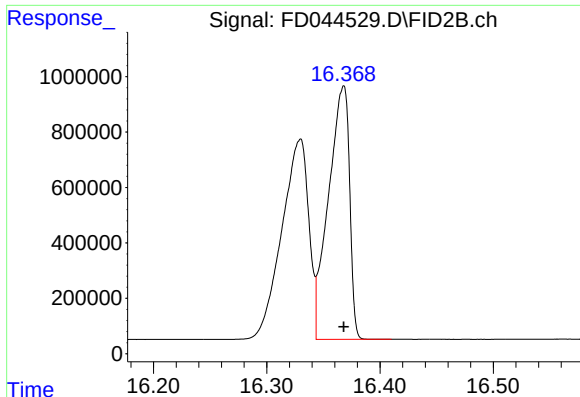
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: 0.000 min
Response: 12205595
Conc: 95.58 ug/ml



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

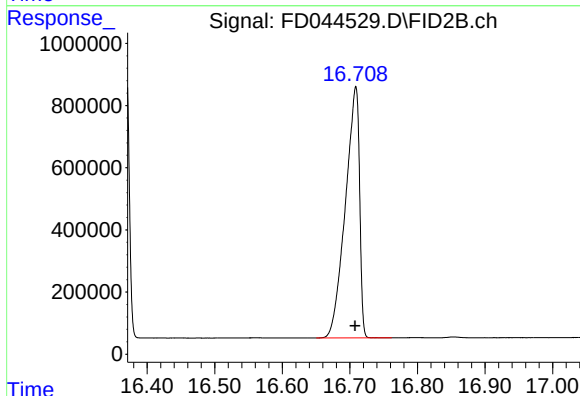
R.T.: 16.329 min
Delta R.T.: 0.000 min
Response: 11971397
Conc: 95.90 ug/ml



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

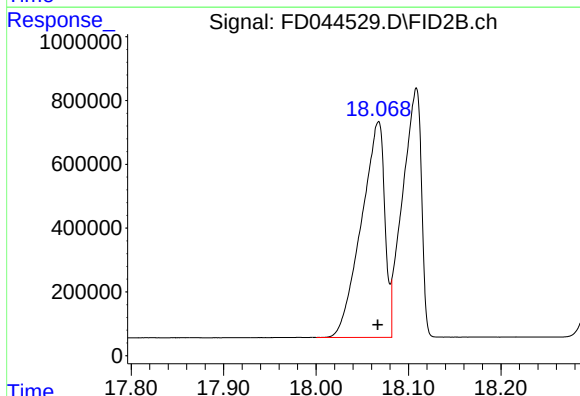
R.T.: 16.367 min
Delta R.T.: -0.001 min
Response: 11818417
Conc: 97.12 ug/ml

Instrument :
FID_D
ClientSampleId :



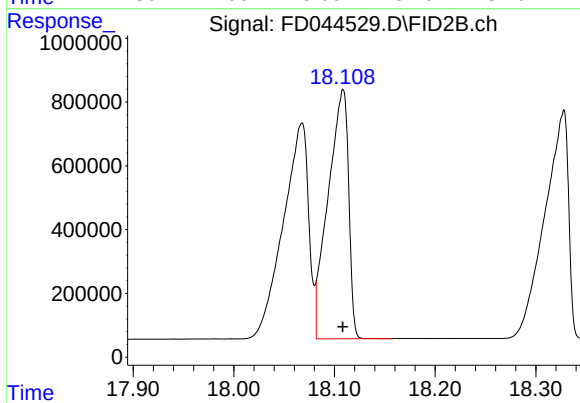
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.708 min
Delta R.T.: 0.000 min
Response: 11748398
Conc: 95.93 ug/ml



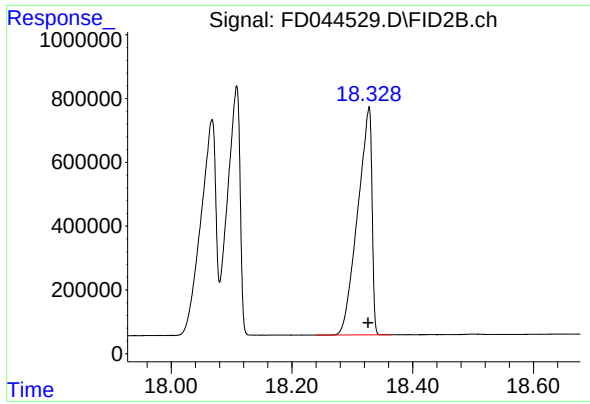
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 11931976
Conc: 97.59 ug/ml



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

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 11011294
Conc: 94.28 ug/ml



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

R.T.: 18.326 min
Delta R.T.: 0.000 min
Response: 11686898
Conc: 95.59 ug/ml

Instrument :

FID_D

ClientSampleId :