

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045864.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 06:42
 Operator : YP/AJ
 Sample : 03255-03MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-SB-24MS

Integration File: autoint1.e
 Quant Time: Jun 19 01:15:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	10326531	57.278 ug/ml
Spiked Amount 50.000		Recovery =	114.56%
6) S 2-Fluorobiphenyl (SURR)	8.385	6529809	54.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.62%
11) S ortho-Terphenyl (SURR)	11.425	9886481	44.261 ug/ml
Spiked Amount 50.000		Recovery =	88.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	7704108	38.162 ug/ml
2) T Naphthalene (C11.7)	5.866	9028275	42.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	9322336	44.139 ug/ml
5) T Acenaphthylene (C15.06)	8.190	10270432	54.208 ug/ml
7) T Acenaphthene (C15.5)	8.487	10644656	52.649 ug/ml
8) T Fluorene (C16.55)	9.265	10543973	53.216 ug/ml
9) T Phenanthrene (C19.36)	10.657	11261891	58.867 ug/ml
10) T Anthracene (C19.43)	10.733	10530458	61.817 ug/ml
12) T Fluoranthene (C21.85)	12.465	11807446	63.911 ug/ml
13) T Pyrene (C20.8)	12.760	11526775	64.540 ug/ml
14) T Benzo[a]anthracene (C...	14.624	9913559	63.318 ug/ml
15) T Chrysene (C27.41)	14.670	9904557	60.034 ug/ml
16) T benzo[b]fluoranthene ...	16.173	10265673	67.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	8686550	56.108 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	8806470	60.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	8383501	57.239 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	8153655	54.351 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	8341990	56.535 ug/ml

(f)=RT Delta > 1/2 Window

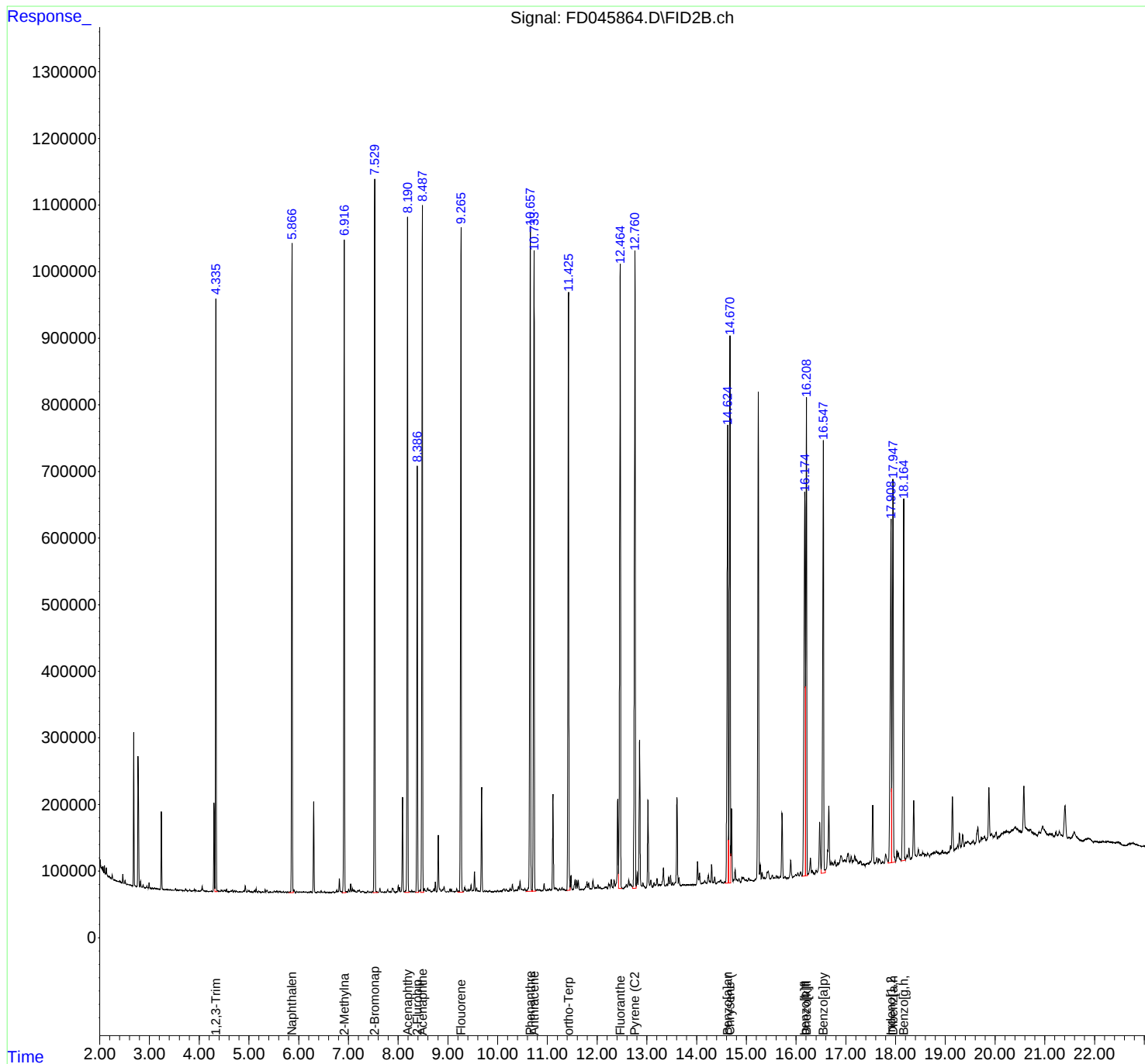
(m)=manual int.

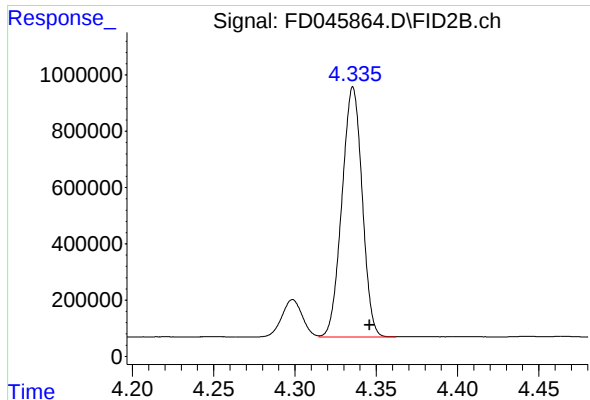
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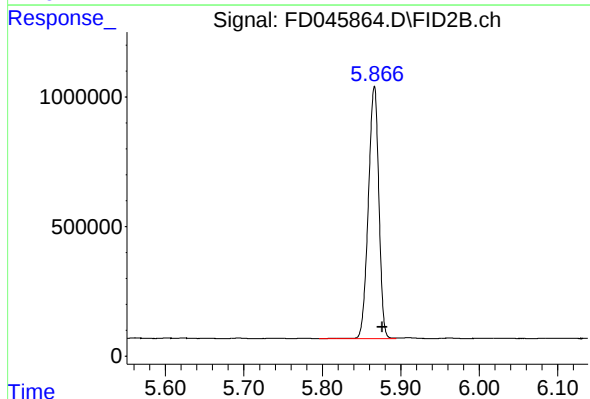




#1 1,2,3-Trimethylbenzene (C10.1)

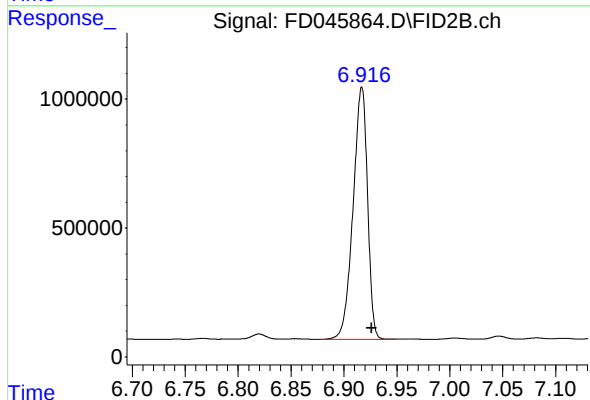
R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 7704108
Conc: 38.16 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-24MS



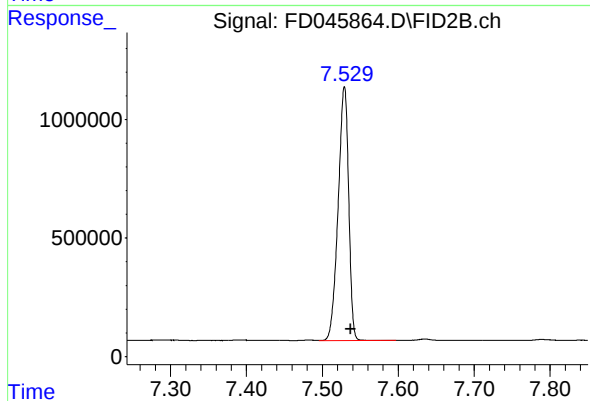
#2 Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: -0.010 min
Response: 9028275
Conc: 42.61 ug/ml



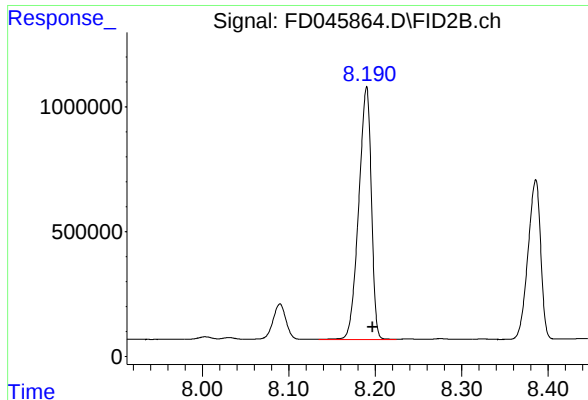
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 9322336
Conc: 44.14 ug/ml



#4 2-Bromonaphthalene (SURR)

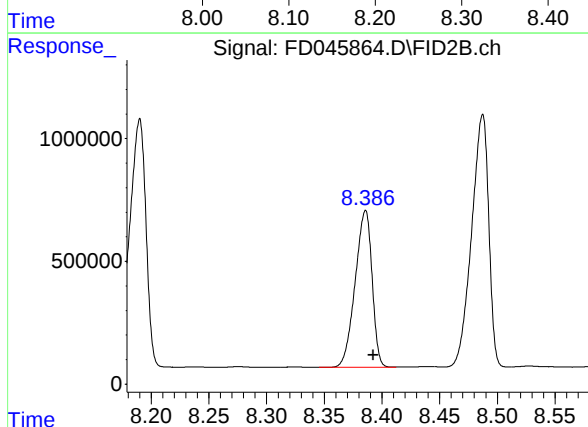
R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 10326531
Conc: 57.28 ug/ml



#5 Acenaphthylene (C15.06)

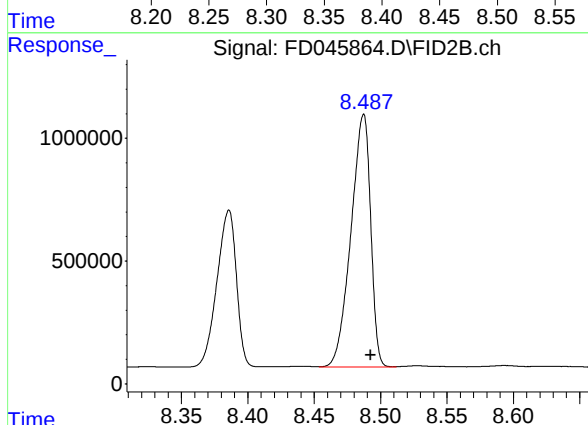
R.T.: 8.190 min
Delta R.T.: -0.007 min
Response: 10270432
Conc: 54.21 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-24MS



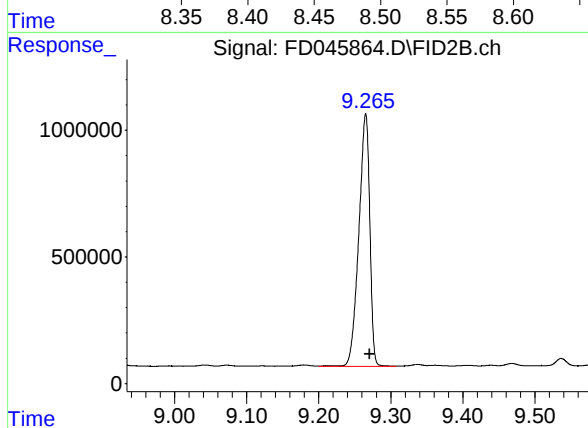
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.007 min
Response: 6529809
Conc: 54.31 ug/ml



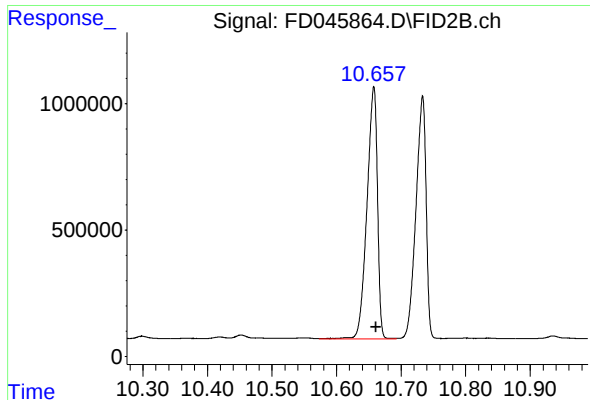
#7 Acenaphthene (C15.5)

R.T.: 8.487 min
Delta R.T.: -0.006 min
Response: 10644656
Conc: 52.65 ug/ml



#8 Flouorene (C16.55)

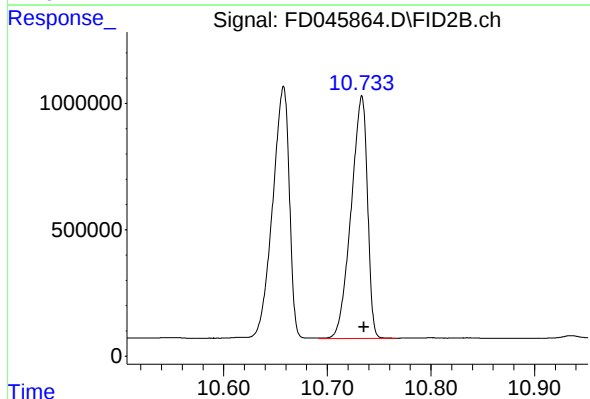
R.T.: 9.265 min
Delta R.T.: -0.006 min
Response: 10543973
Conc: 53.22 ug/ml



#9 Phenanthrene (C19.36)

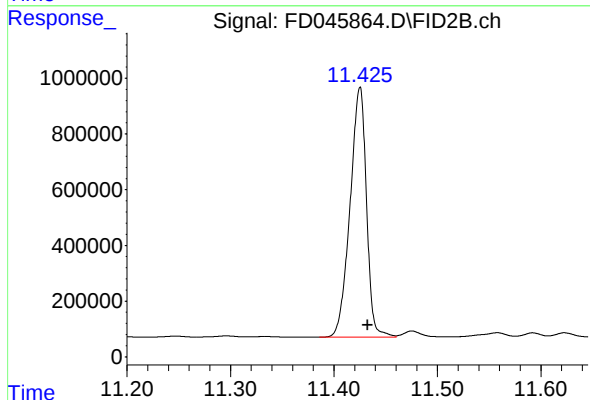
R.T.: 10.657 min
Delta R.T.: -0.004 min
Response: 11261891
Conc: 58.87 ug/ml

Instrument :
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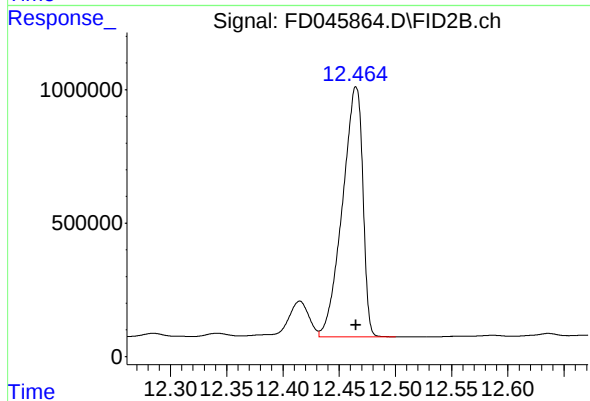
#10 Anthracene (C19.43)

R.T.: 10.733 min
Delta R.T.: -0.003 min
Response: 10530458
Conc: 61.82 ug/ml



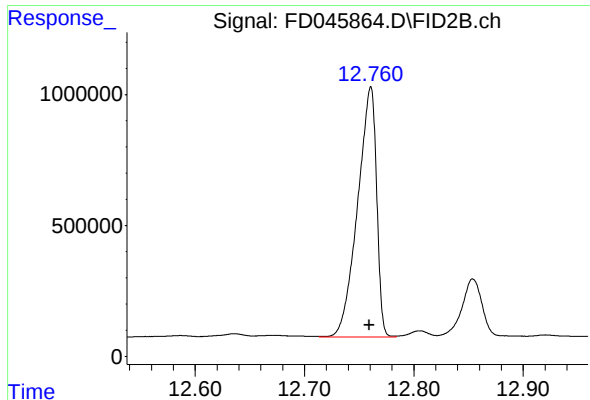
#11 ortho-Terphenyl (SURRE)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 9886481
Conc: 44.26 ug/ml



#12 Fluoranthene (C21.85)

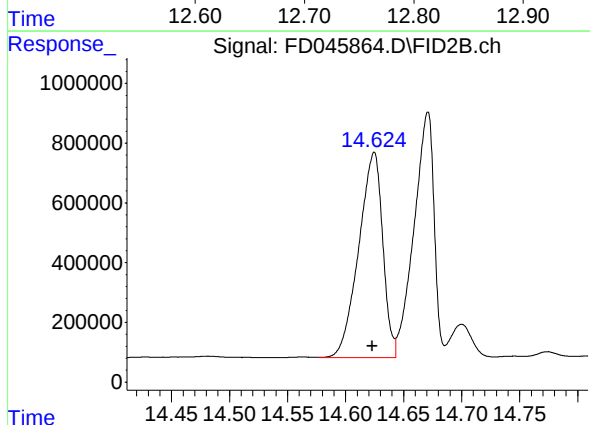
R.T.: 12.465 min
Delta R.T.: 0.000 min
Response: 11807446
Conc: 63.91 ug/ml



#13 Pyrene (C20.8)

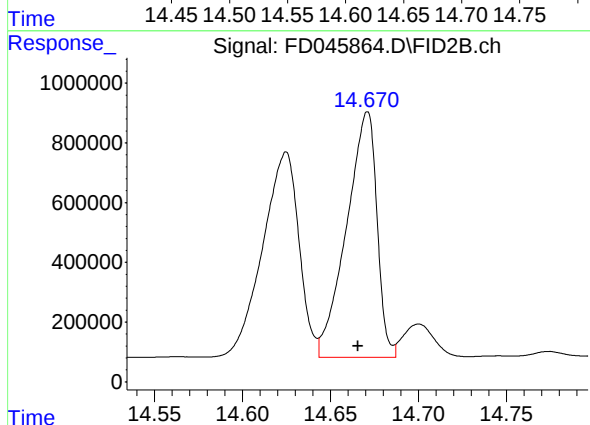
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 11526775
Conc: 64.54 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-24MS



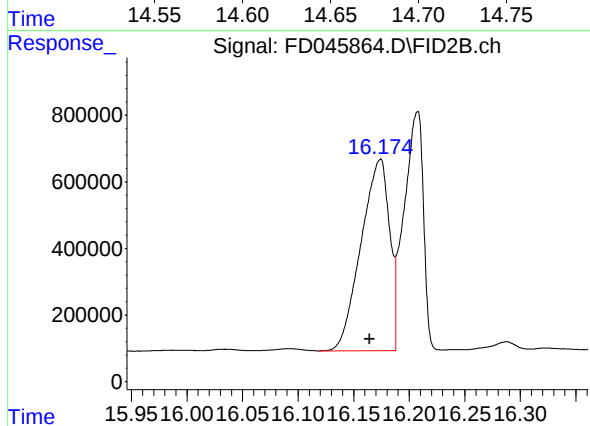
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.624 min
Delta R.T.: 0.001 min
Response: 9913559
Conc: 63.32 ug/ml



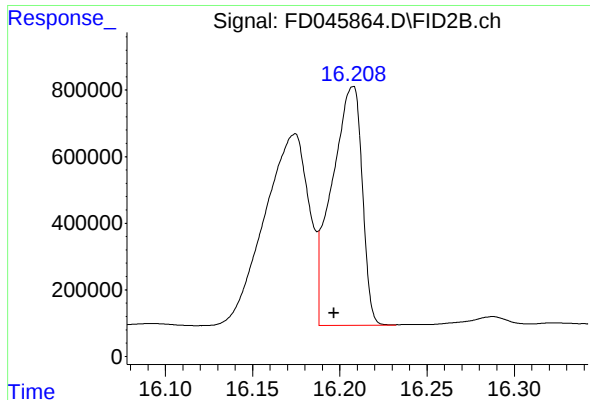
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.005 min
Response: 9904557
Conc: 60.03 ug/ml



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

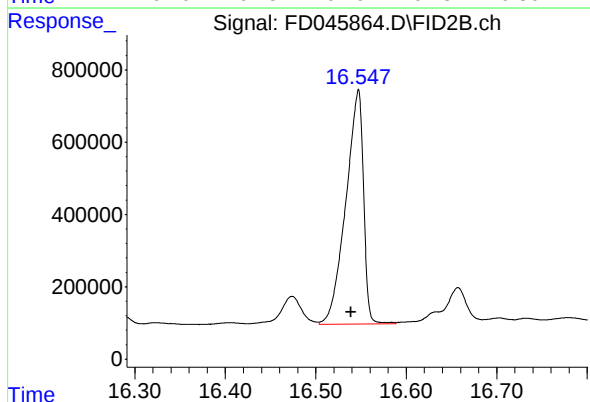
R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 10265673
Conc: 67.83 ug/ml



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

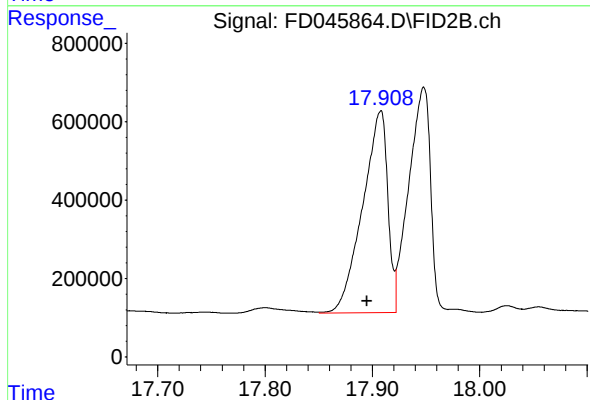
R.T.: 16.206 min
Delta R.T.: 0.010 min
Response: 8686550
Conc: 56.11 ug/ml

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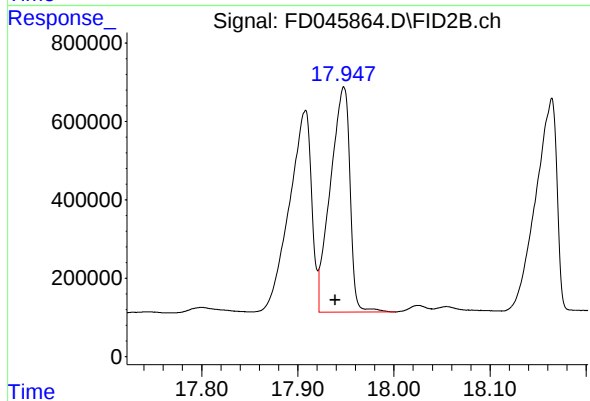
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: 0.007 min
Response: 8806470
Conc: 60.22 ug/ml



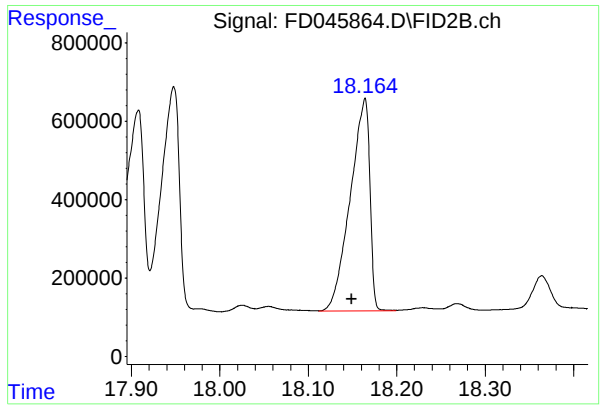
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: 0.012 min
Response: 8383501
Conc: 57.24 ug/ml



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

R.T.: 17.947 min
Delta R.T.: 0.008 min
Response: 8153655
Conc: 54.35 ug/ml



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

R.T.: 18.163 min

Delta R.T.: 0.014 min

Response: 8341990

Conc: 56.54 ug/ml

Instrument :

FID_D

ClientSampleId :

EPH-SB-24MS