

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045906.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 14:29
 Operator : YP/AJ
 Sample : 03298-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:10:31 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...	7.524	9587763	53.181 ug/ml
Spiked Amount 50.000		Recovery =	106.36%
6) S 2-Fluorobiphenyl (SURR)	8.378	5707118	47.469 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.94%
11) S ortho-Terphenyl (SURR)	11.418	8653601	38.742 ug/ml
Spiked Amount 50.000		Recovery =	77.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.293f	26806	0.133 ug/ml
2) T Naphthalene (C11.7)	5.860	113567	0.536 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	114254	0.541 ug/ml
5) T Acenaphthylene (C15.06)	8.176	76309	0.403 ug/ml
7) T Acenaphthene (C15.5)	8.473	268102	1.326 ug/ml
8) T Fluorene (C16.55)	9.251	357005	1.802 ug/ml
9) T Phenanthrene (C19.36)	10.643	3335093	17.433 ug/ml
10) T Anthracene (C19.43)	10.714	642475	3.772 ug/ml
12) T Fluoranthene (C21.85)	12.447	3533085	19.124 ug/ml
13) T Pyrene (C20.8)	12.741	3070638	17.193 ug/ml
14) T Benzo[a]anthracene (C...	14.603	1637725	10.460 ug/ml
15) T Chrysene (C27.41)	14.644	1780245	10.791 ug/ml
16) T benzo[b]fluoranthene ...	16.173	526534	3.479 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	526534	3.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	1137134	7.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.874	753878	5.147 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	115718	0.771 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	558747	3.787 ug/ml

(f)=RT Delta > 1/2 Window

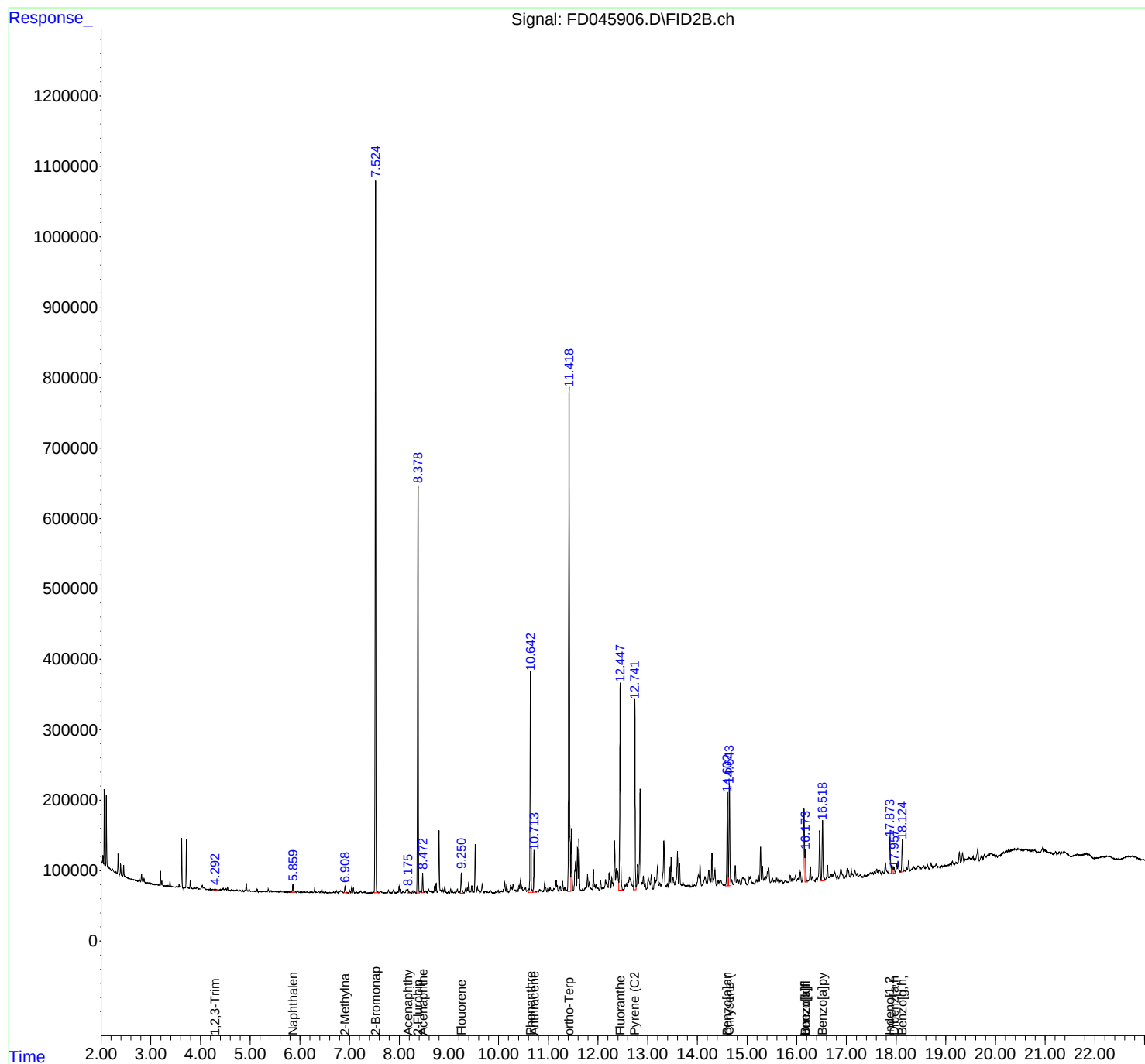
(m)=manual int.

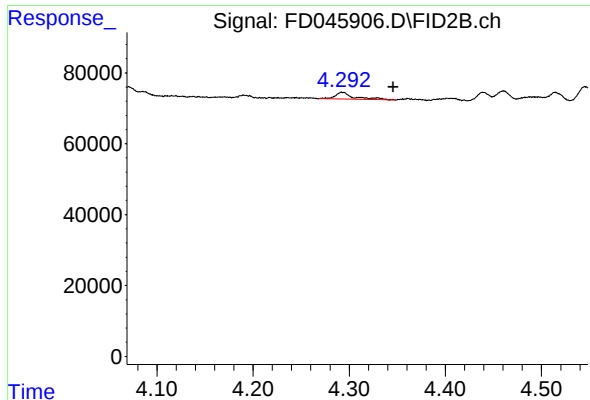
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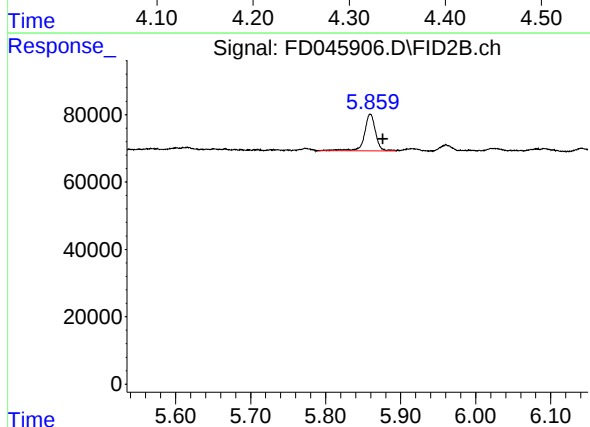




#1 1,2,3-Trimethylbenzene (C10.1)

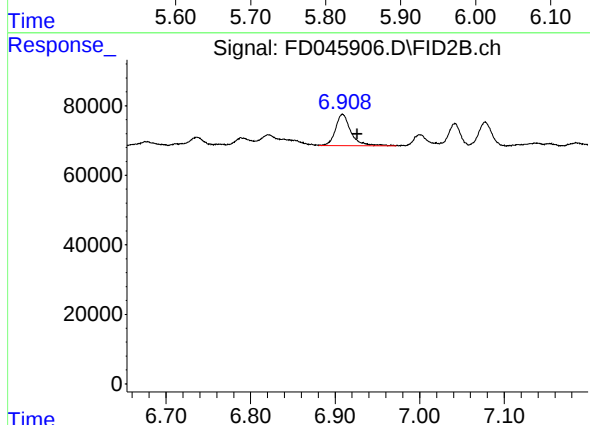
R.T.: 4.293 min
Delta R.T.: -0.053 min
Response: 26806
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



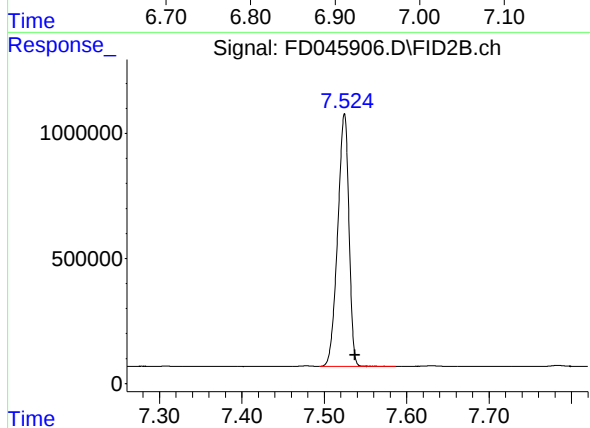
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 113567
Conc: 0.54 ug/ml



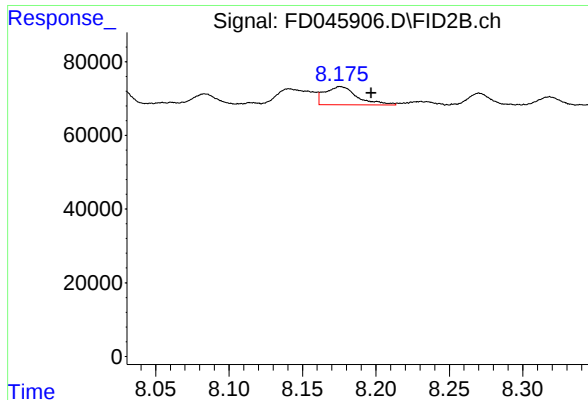
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 114254
Conc: 0.54 ug/ml



#4 2-Bromonaphthalene (SURR)

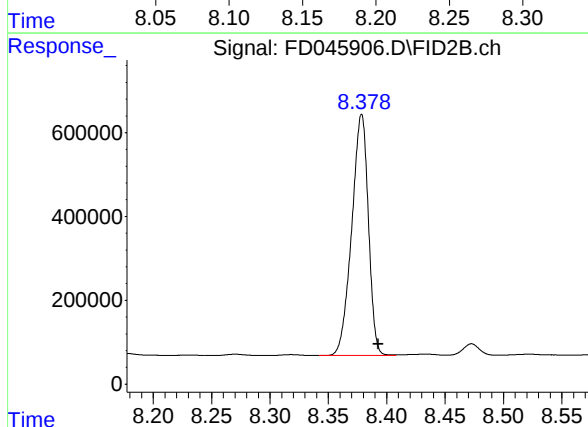
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 9587763
Conc: 53.18 ug/ml



#5 Acenaphthylene (C15.06)

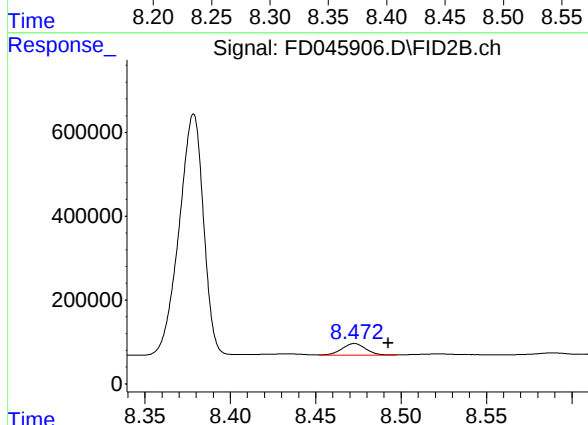
R.T.: 8.176 min
Delta R.T.: -0.021 min
Response: 76309
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



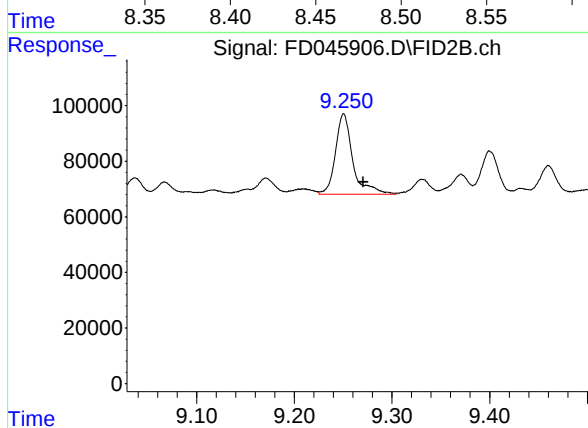
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 5707118
Conc: 47.47 ug/ml



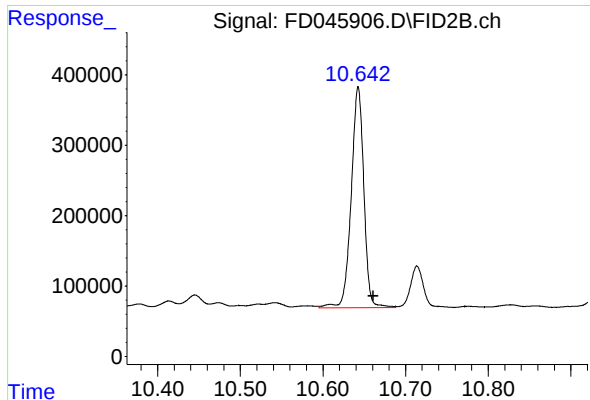
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.020 min
Response: 268102
Conc: 1.33 ug/ml



#8 Flouorene (C16.55)

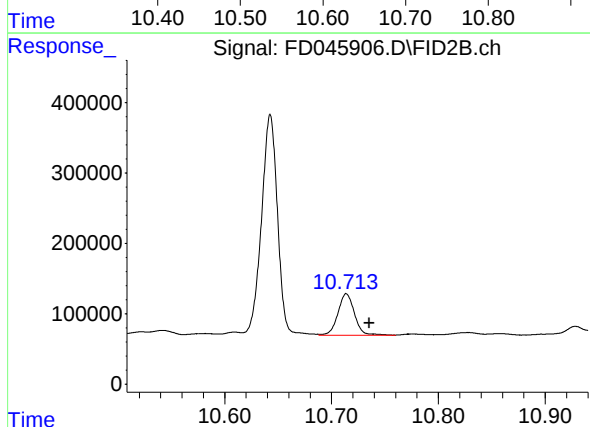
R.T.: 9.251 min
Delta R.T.: -0.020 min
Response: 357005
Conc: 1.80 ug/ml



#9 Phenanthrene (C19.36)

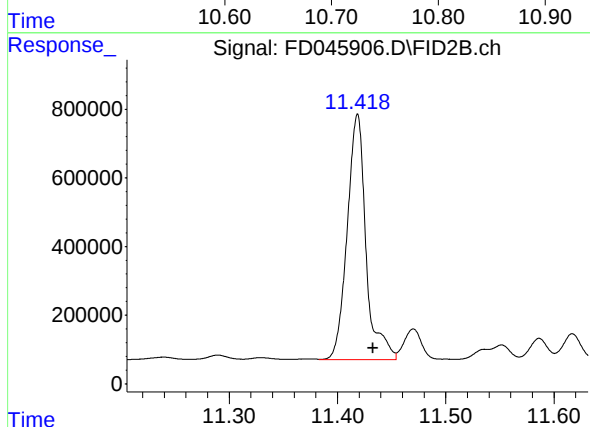
R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 3335093
Conc: 17.43 ug/ml

Instrument :
FID_D
ClientSampleId :



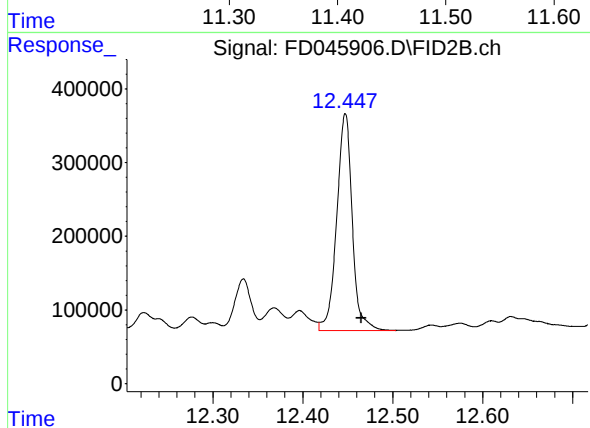
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.021 min
Response: 642475
Conc: 3.77 ug/ml



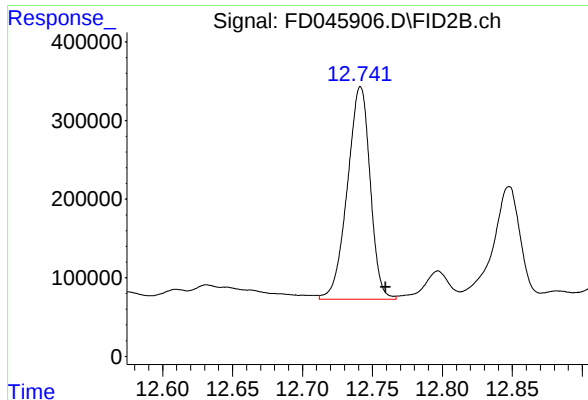
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.014 min
Response: 8653601
Conc: 38.74 ug/ml



#12 Fluoranthene (C21.85)

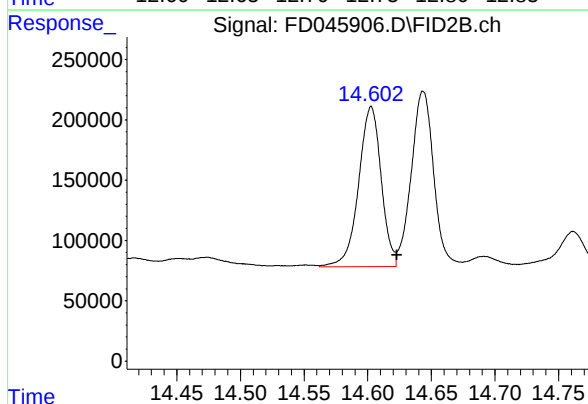
R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 3533085
Conc: 19.12 ug/ml



#13 Pyrene (C20.8)

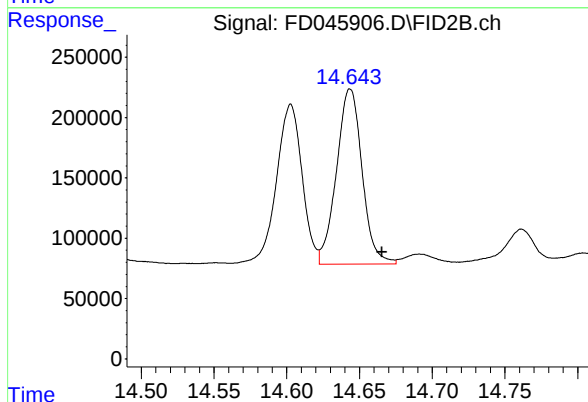
R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 3070638
Conc: 17.19 ug/ml

Instrument :
FID_D
ClientSampleId :



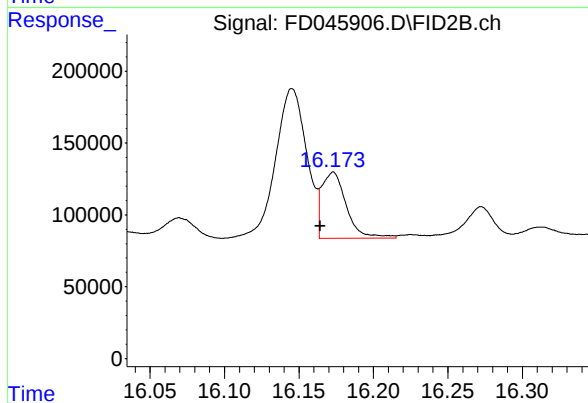
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 1637725
Conc: 10.46 ug/ml



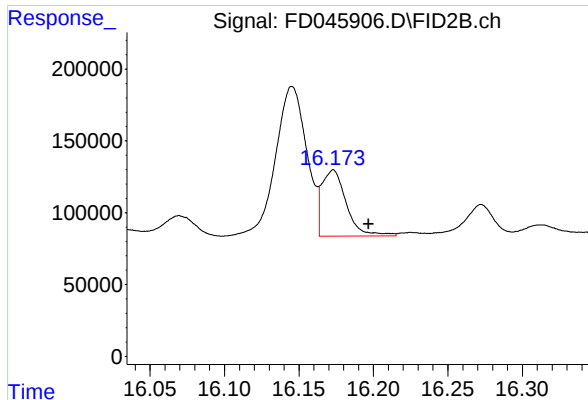
#15 Chrysene (C27.41)

R.T.: 14.644 min
Delta R.T.: -0.022 min
Response: 1780245
Conc: 10.79 ug/ml



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

R.T.: 16.173 min
Delta R.T.: 0.008 min
Response: 526534
Conc: 3.48 ug/ml



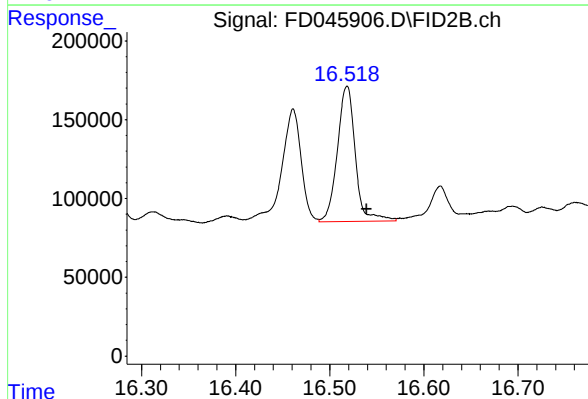
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.173 min
Delta R.T.: -0.024 min
Response: 526534
Conc: 3.40 ug/ml

Instrument :

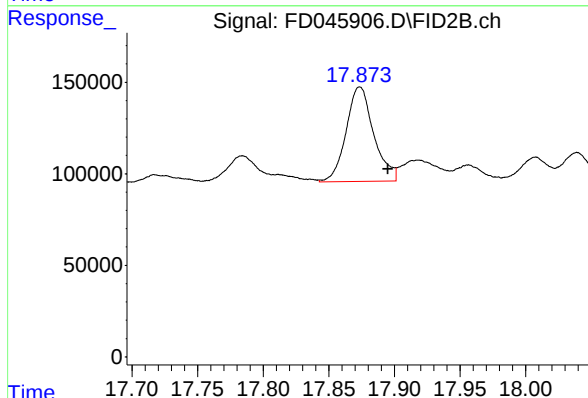
FID_D

ClientSampleId :



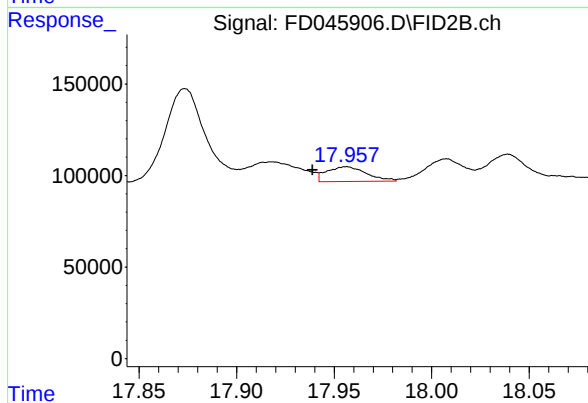
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: -0.021 min
Response: 1137134
Conc: 7.78 ug/ml



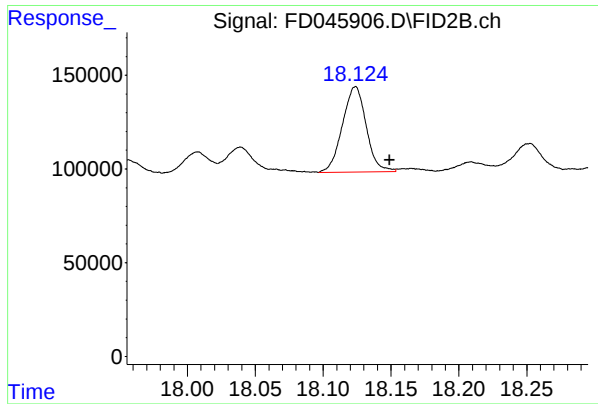
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: -0.021 min
Response: 753878
Conc: 5.15 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 115718
Conc: 0.77 ug/ml



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

R.T.: 18.124 min

Delta R.T.: -0.025 min

Response: 558747

Conc: 3.79 ug/ml

Instrument :

FID_D

ClientSampleId :