

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046002.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 17:27
 Operator : YP/AJ
 Sample : 03361-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 18:50:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.521	7821786	36.296 ug/ml
Spiked Amount 50.000		Recovery =	72.59%
6) S 2-Fluorobiphenyl (SURR)	8.376	4772723	34.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.97%
11) S ortho-Terphenyl (SURR)	11.415	5792421	22.848 ug/ml
Spiked Amount 50.000		Recovery =	45.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	63933	0.257 ug/ml
2) T Naphthalene (C11.7)	5.858	104893	0.411 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	187574	0.744 ug/ml
7) T Acenaphthene (C15.5)	8.472	107553	0.456 ug/ml
8) T Flouorene (C16.55)	9.250	120623	0.533 ug/ml
9) T Phenanthrene (C19.36)	10.640	1092504	5.120 ug/ml
10) T Anthracene (C19.43)	10.713	307928	1.938 ug/ml
12) T Fluoranthene (C21.85)	12.445	1833750	8.960 ug/ml
13) T Pyrene (C20.8)	12.740	1629396	8.380 ug/ml
14) T Benzo[a]anthracene (C...	14.603	897091	4.988 ug/ml
15) T Chrysene (C27.41)	14.643	1058699	5.394 ug/ml
16) T benzo[b]fluoranthene ...	16.147	1163465	6.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	531545	2.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	783346	4.496 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	624035	3.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	624035	3.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	488368	2.614 ug/ml

(f)=RT Delta > 1/2 Window

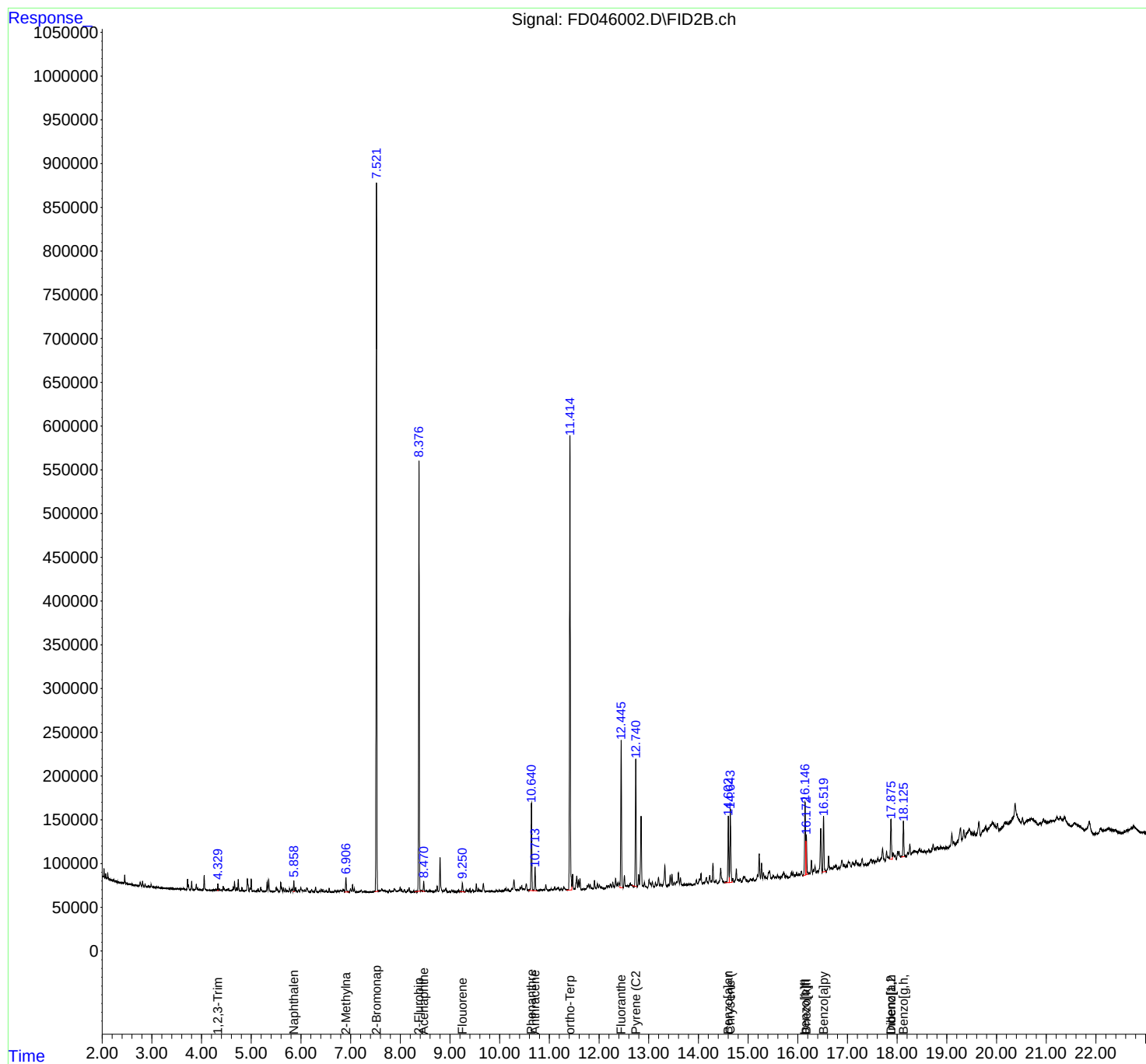
(m)=manual int.

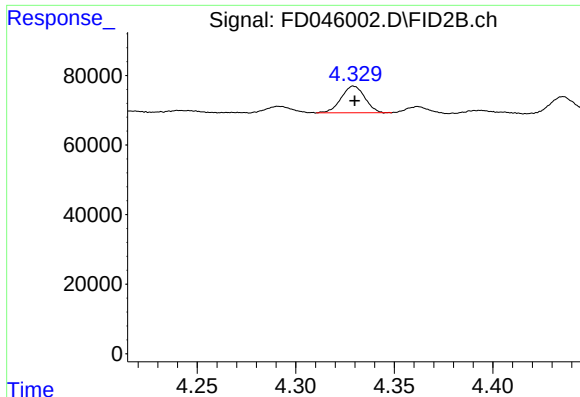
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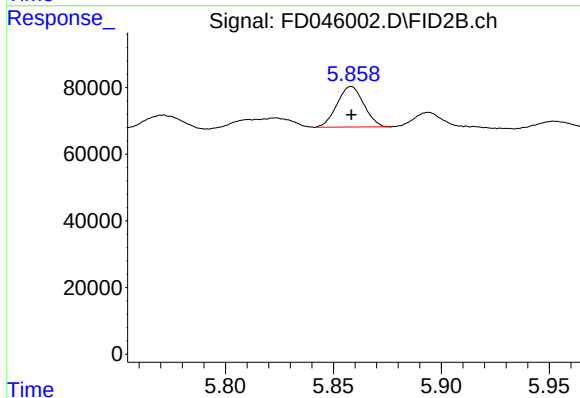




#1 1,2,3-Trimethylbenzene (C10.1)

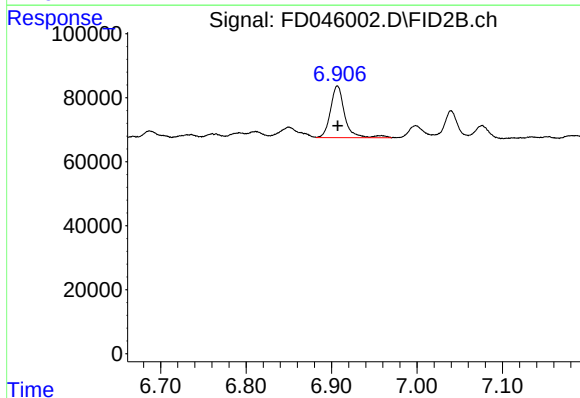
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 63933
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



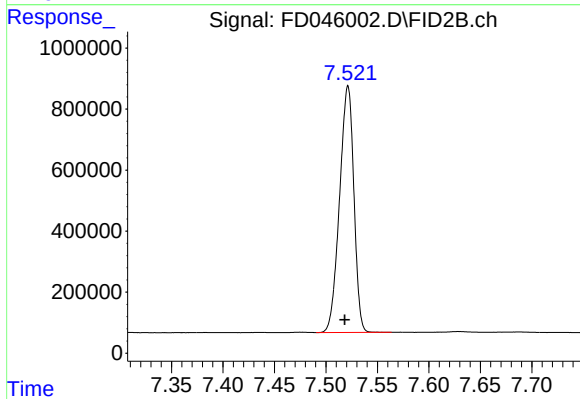
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 104893
Conc: 0.41 ug/ml



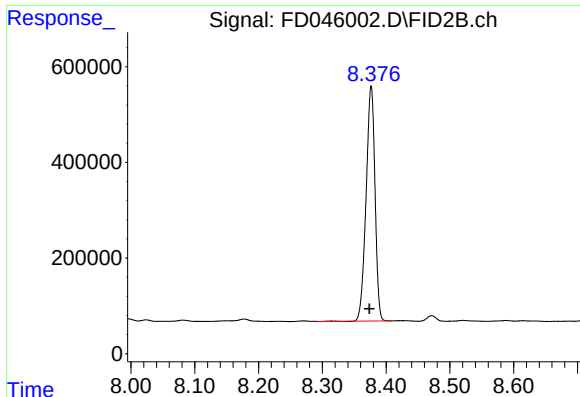
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 187574
Conc: 0.74 ug/ml



#4 2-Bromonaphthalene (SURR)

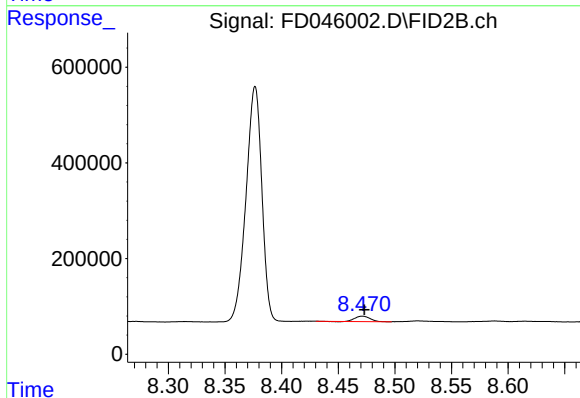
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 7821786
Conc: 36.30 ug/ml



#6 2-Fluorobiphenyl (SURR)

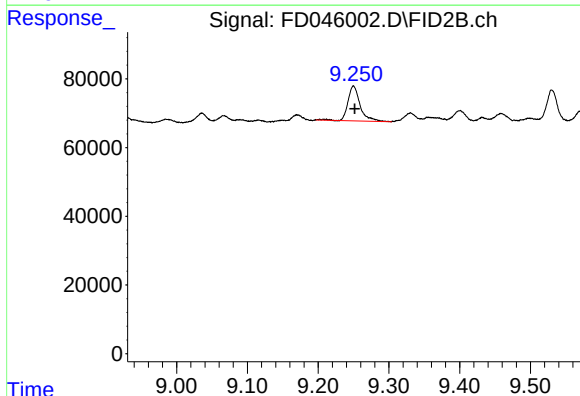
R.T.: 8.376 min
Delta R.T.: 0.003 min
Response: 4772723
Conc: 34.48 ug/ml

Instrument :
FID_D
ClientSampleId :



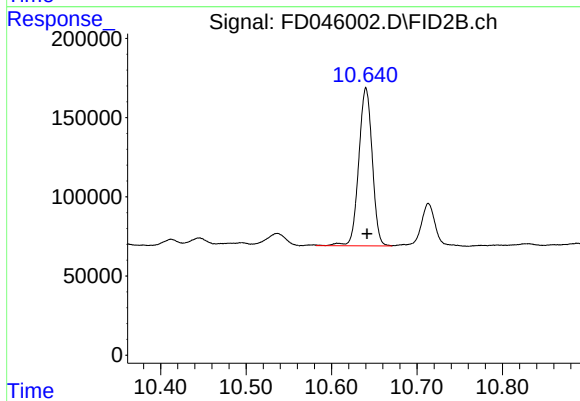
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 107553
Conc: 0.46 ug/ml



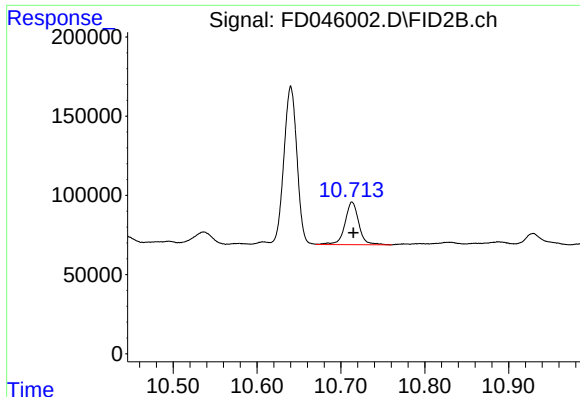
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.002 min
Response: 120623
Conc: 0.53 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 1092504
Conc: 5.12 ug/ml



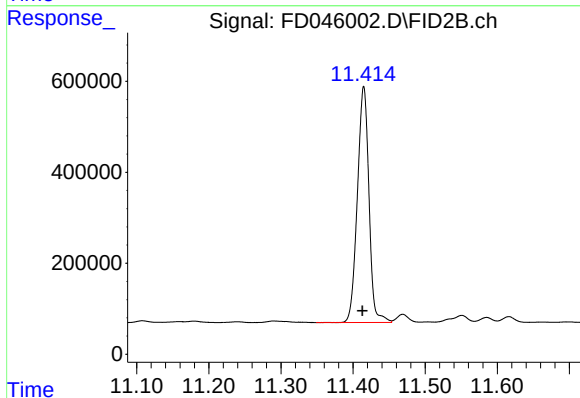
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.001 min
Response: 307928
Conc: 1.94 ug/ml

Instrument :

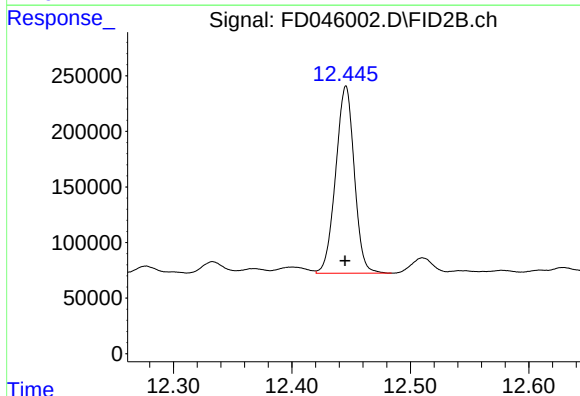
FID_D

ClientSampleId :



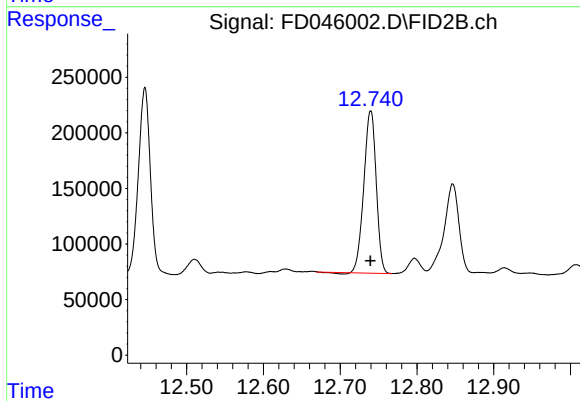
#11 ortho-Terphenyl (SURRE)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 5792421
Conc: 22.85 ug/ml



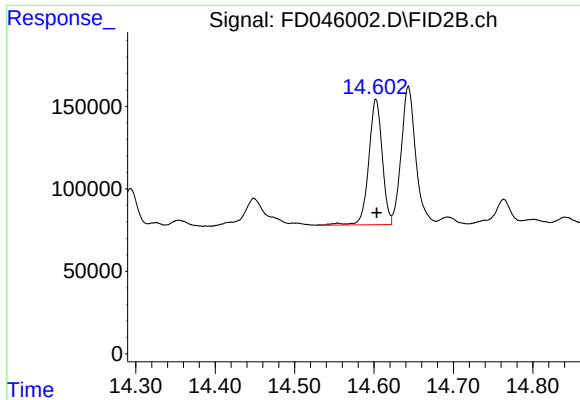
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 1833750
Conc: 8.96 ug/ml



#13 Pyrene (C20.8)

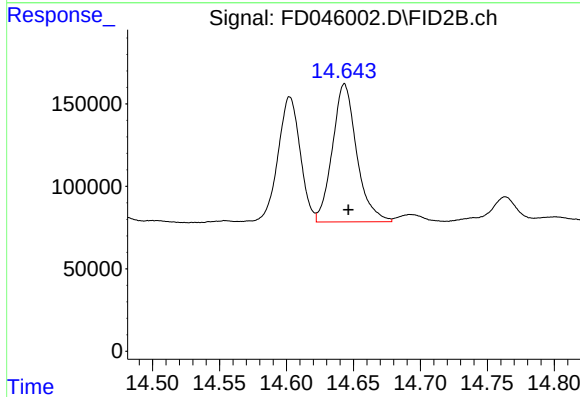
R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 1629396
Conc: 8.38 ug/ml



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

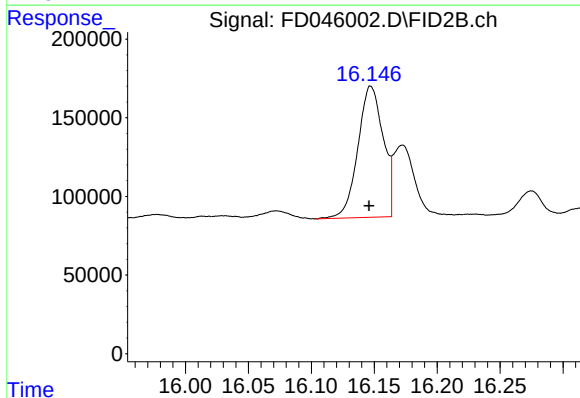
R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 897091
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :



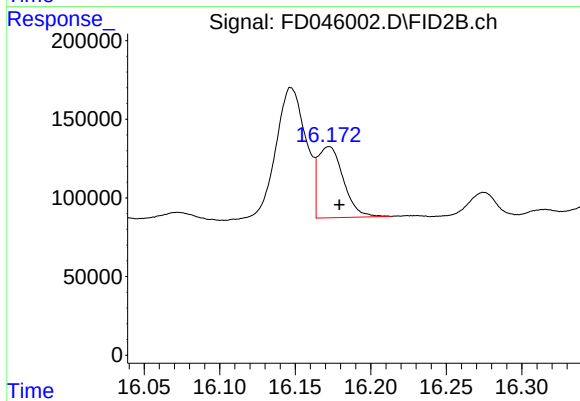
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.003 min
Response: 1058699
Conc: 5.39 ug/ml



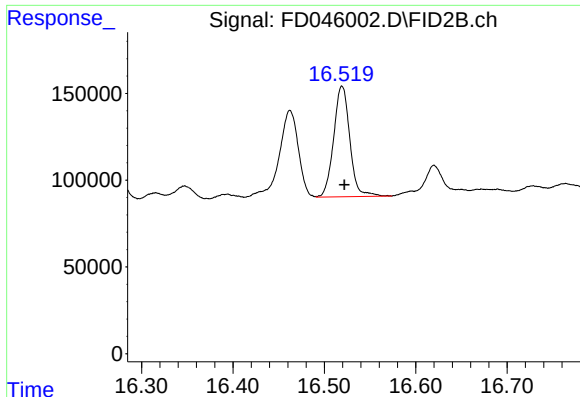
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.147 min
Delta R.T.: 0.002 min
Response: 1163465
Conc: 6.20 ug/ml



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

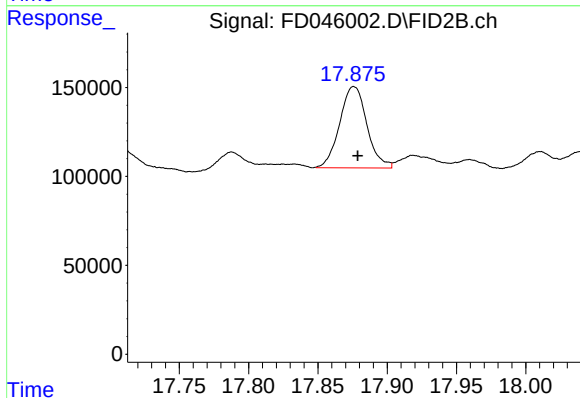
R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 531545
Conc: 2.69 ug/ml



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

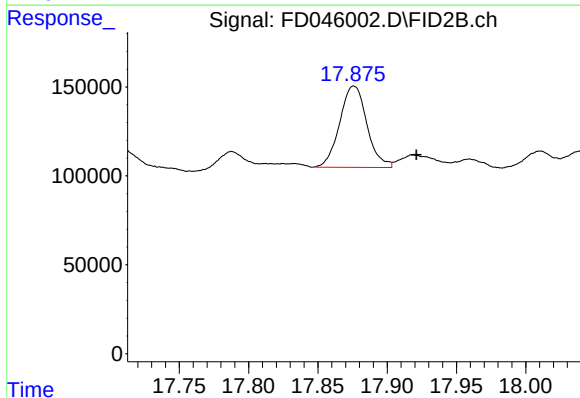
R.T.: 16.519 min
Delta R.T.: -0.003 min
Response: 783346
Conc: 4.50 ug/ml

Instrument :
FID_D
ClientSampleId :



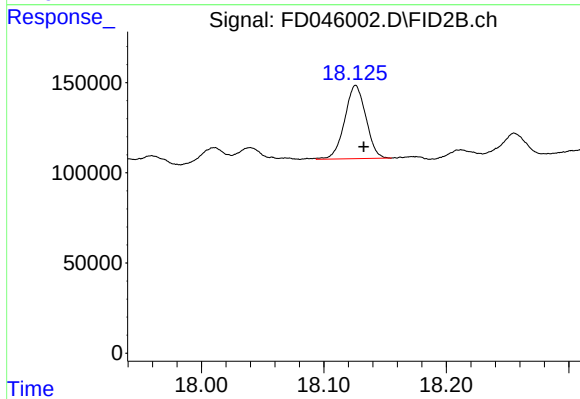
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.003 min
Response: 624035
Conc: 3.35 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.045 min
Response: 624035
Conc: 3.39 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.007 min
Response: 488368
Conc: 2.61 ug/ml