

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045866.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 08:01
 Operator : YP/AJ
 Sample : 03255-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:15:57 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...	7.528	9859823	54.690 ug/ml
Spiked Amount 50.000		Recovery =	109.38%
6) S 2-Fluorobiphenyl (SURR)	8.384	6490863	53.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.98%
11) S ortho-Terphenyl (SURR)	11.423	8189427	36.663 ug/ml
Spiked Amount 50.000		Recovery =	73.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	20243	0.100 ug/ml
2) T Naphthalene (C11.7)	5.863	177512	0.838 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	150622	0.713 ug/ml
5) T Acenaphthylene (C15.06)	8.184	127304	0.672 ug/ml
7) T Acenaphthene (C15.5)	8.478	201275	0.996 ug/ml
8) T Fluorene (C16.55)	9.256	207987	1.050 ug/ml
9) T Phenanthrene (C19.36)	10.647	1312795	6.862 ug/ml
10) T Anthracene (C19.43)	10.720	386394	2.268 ug/ml
12) T Fluoranthene (C21.85)	12.452	2250389	12.181 ug/ml
13) T Pyrene (C20.8)	12.746	1802660	10.093 ug/ml
14) T Benzo[a]anthracene (C...	14.609	1059939	6.770 ug/ml
15) T Chrysene (C27.41)	14.650	1111668	6.738 ug/ml
16) T benzo[b]fluoranthene ...	16.154	1339194	8.848 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	494876	3.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	990182	6.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	874831	5.973 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	332300	2.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.135	552875	3.747 ug/ml

(f)=RT Delta > 1/2 Window

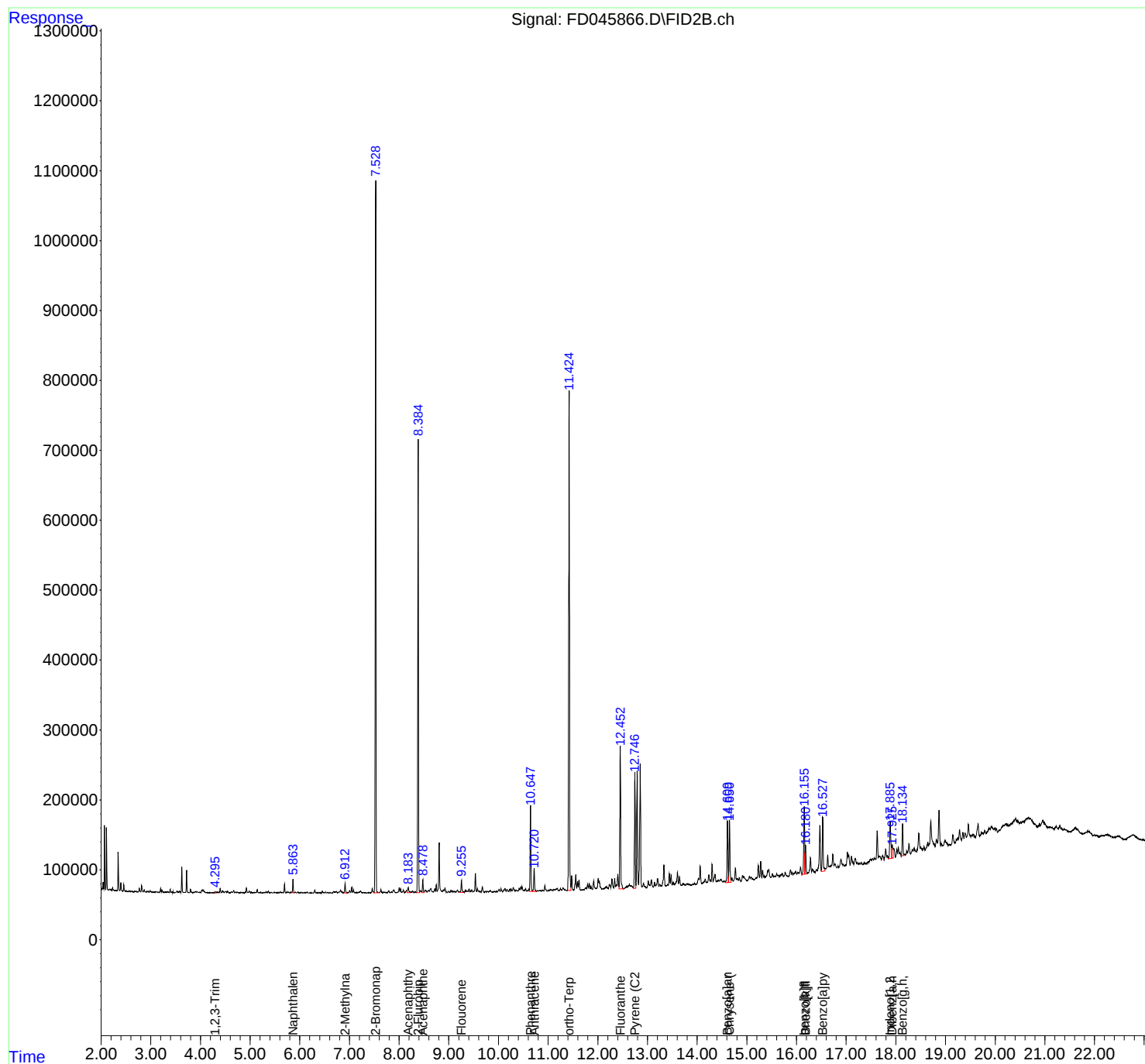
(m)=manual int.

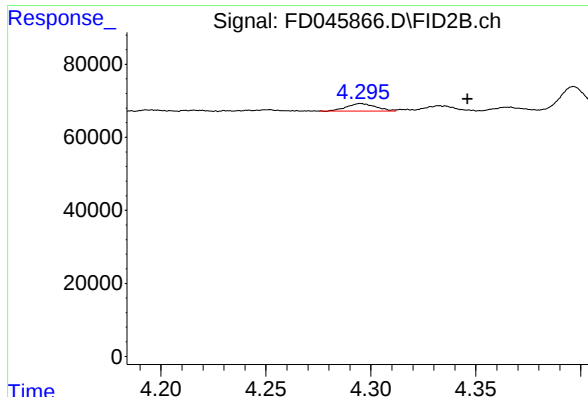
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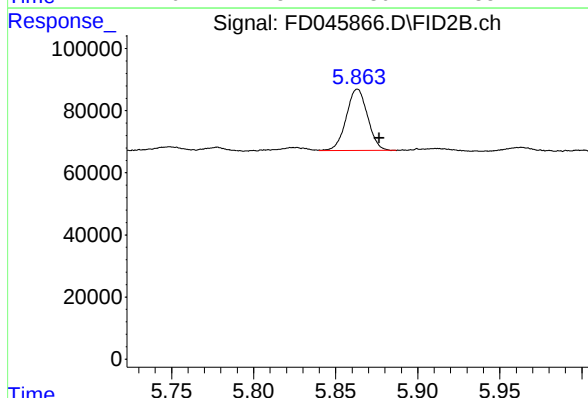




#1 1,2,3-Trimethylbenzene (C10.1)

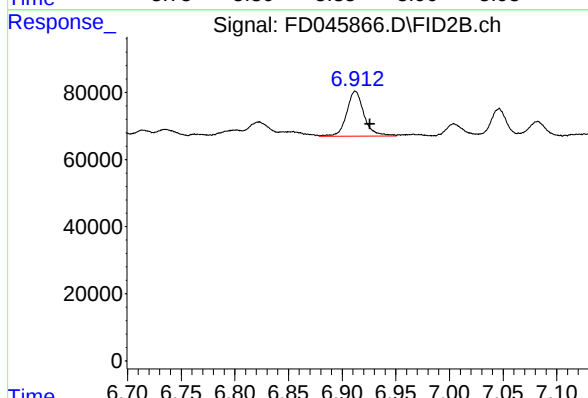
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 20243
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



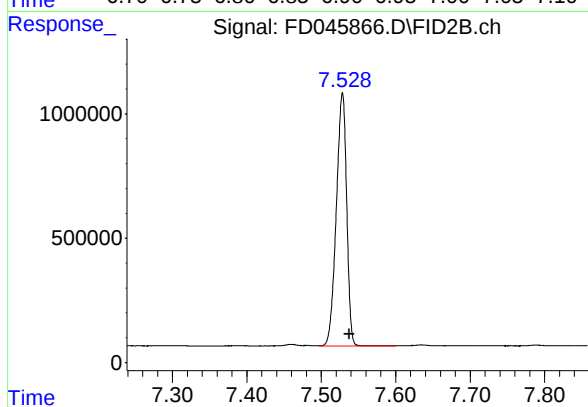
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 177512
Conc: 0.84 ug/ml



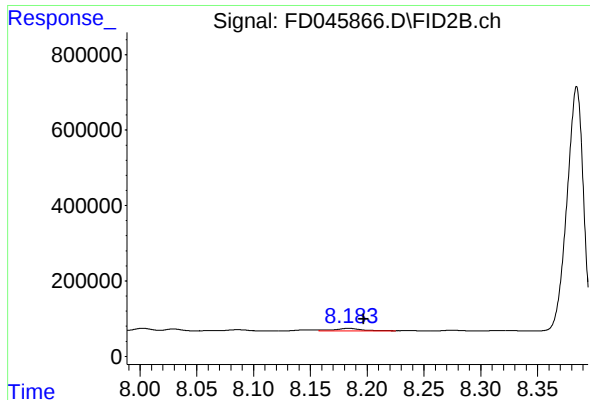
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 150622
Conc: 0.71 ug/ml



#4 2-Bromonaphthalene (SURR)

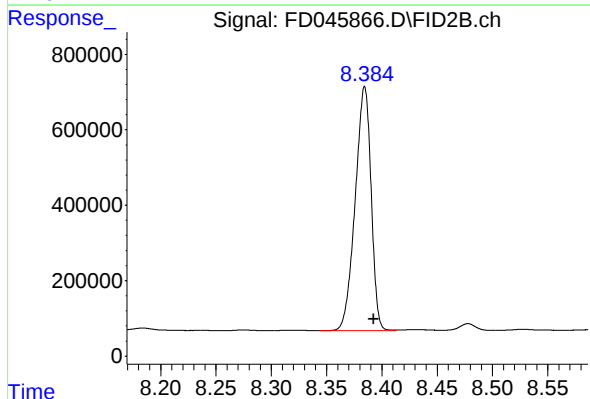
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 9859823
Conc: 54.69 ug/ml



#5 Acenaphthylene (C15.06)

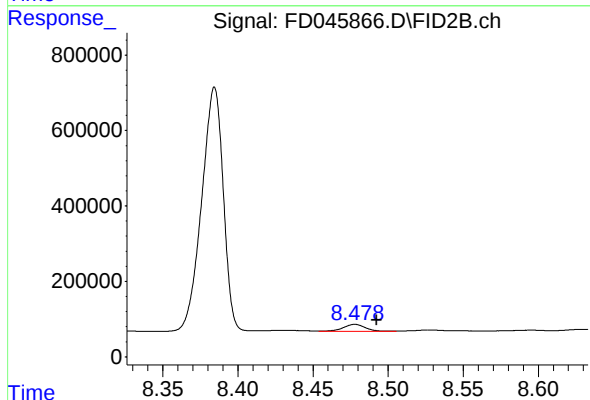
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 127304
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



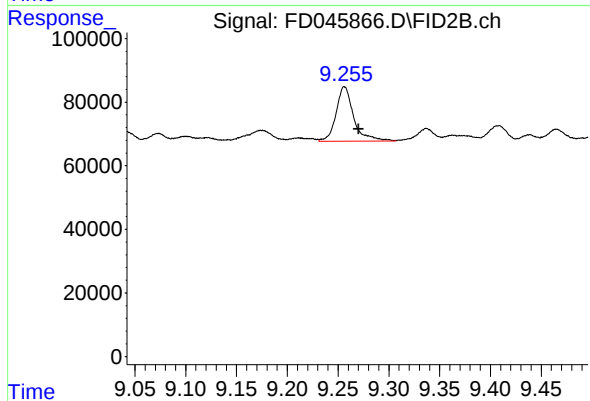
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 6490863
Conc: 53.99 ug/ml



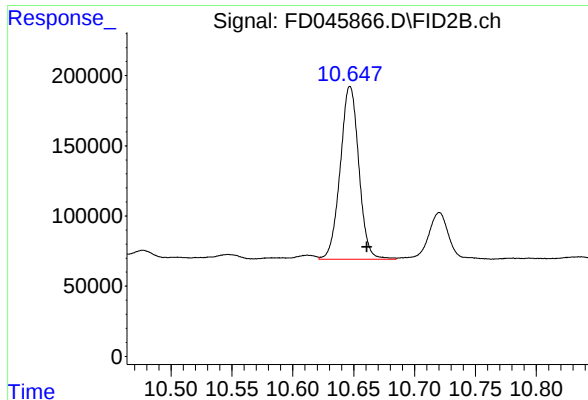
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 201275
Conc: 1.00 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 207987
Conc: 1.05 ug/ml



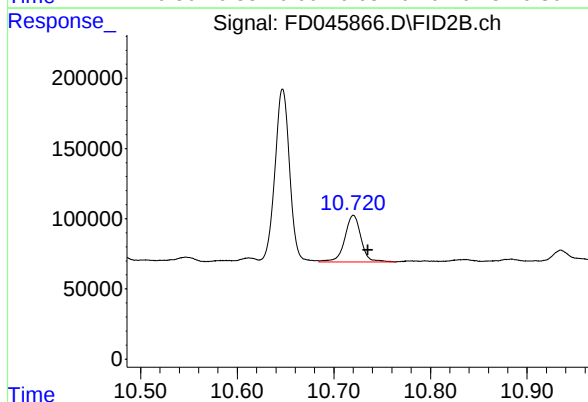
#9 Phenanthrene (C19.36)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 1312795
Conc: 6.86 ug/ml

Instrument :

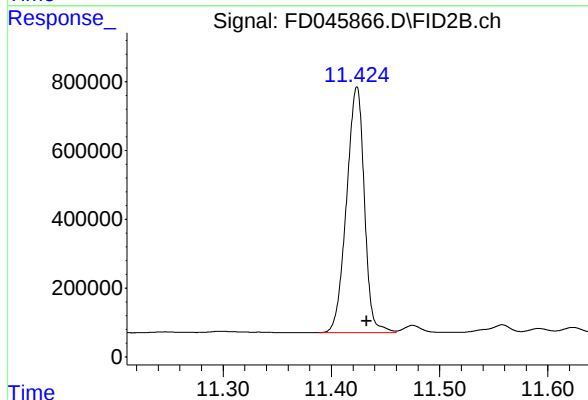
FID_D

ClientSampleId :



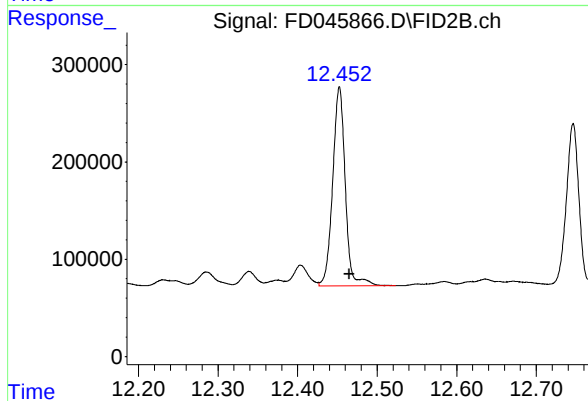
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 386394
Conc: 2.27 ug/ml



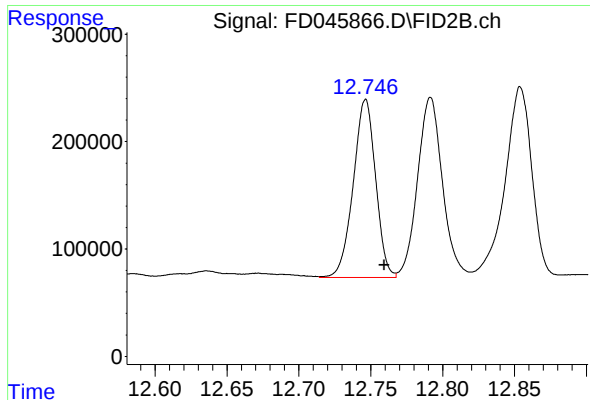
#11 ortho-Terphenyl (SURRE)

R.T.: 11.423 min
Delta R.T.: -0.009 min
Response: 8189427
Conc: 36.66 ug/ml



#12 Fluoranthene (C21.85)

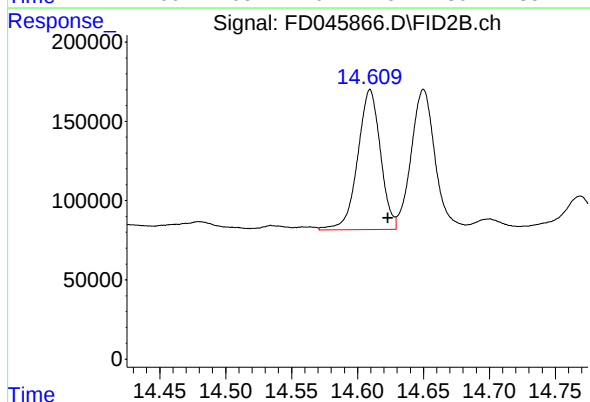
R.T.: 12.452 min
Delta R.T.: -0.012 min
Response: 2250389
Conc: 12.18 ug/ml



#13 Pyrene (C20.8)

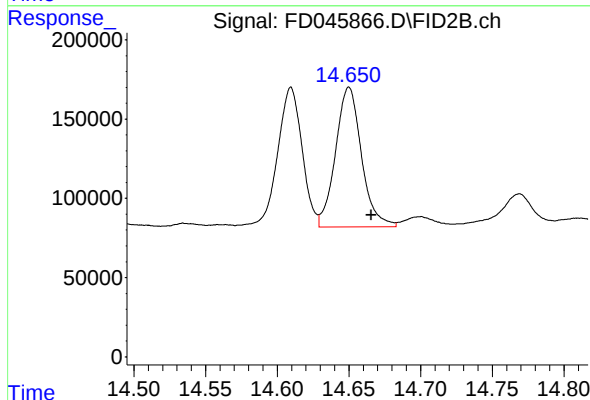
R.T.: 12.746 min
Delta R.T.: -0.013 min
Response: 1802660
Conc: 10.09 ug/ml

Instrument :
FID_D
ClientSampleId :



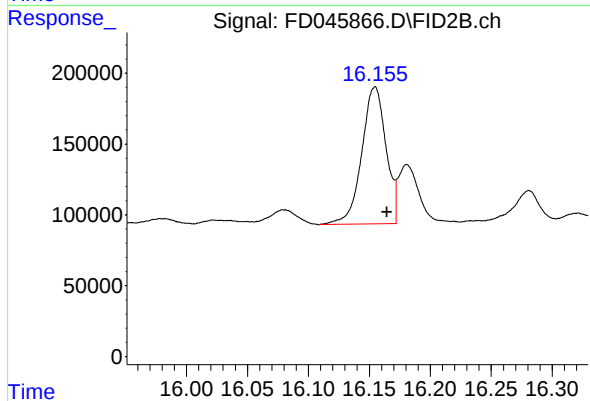
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 1059939
Conc: 6.77 ug/ml



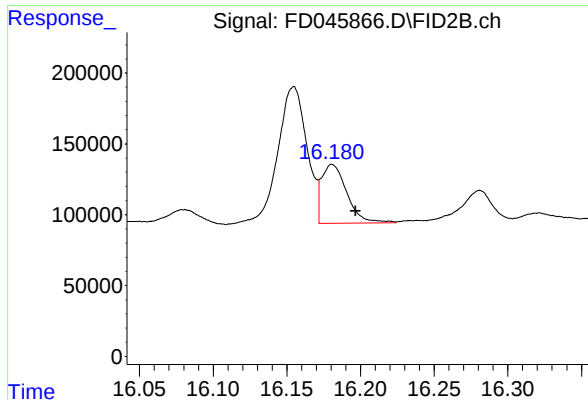
#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: -0.016 min
Response: 1111668
Conc: 6.74 ug/ml



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

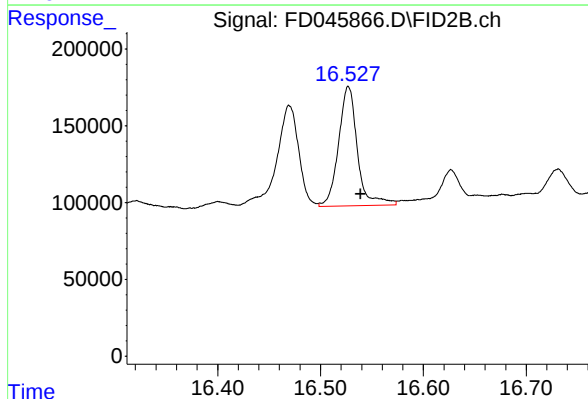
R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 1339194
Conc: 8.85 ug/ml



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

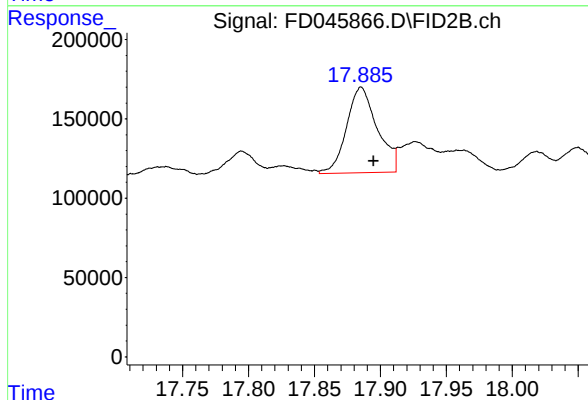
R.T.: 16.181 min
Delta R.T.: -0.016 min
Response: 494876
Conc: 3.20 ug/ml

Instrument :
FID_D
ClientSampleId :



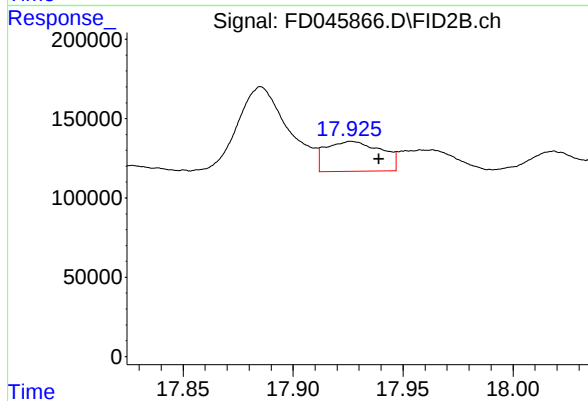
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.012 min
Response: 990182
Conc: 6.77 ug/ml



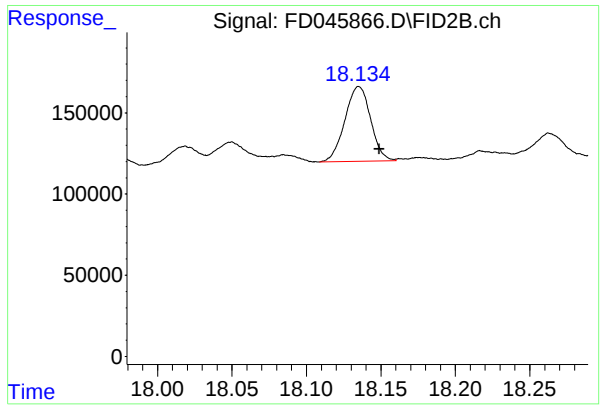
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: -0.010 min
Response: 874831
Conc: 5.97 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.012 min
Response: 332300
Conc: 2.22 ug/ml



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

R.T.: 18.135 min
Delta R.T.: -0.014 min
Response: 552875
Conc: 3.75 ug/ml

Instrument :
FID_D
ClientSampleId :