

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043799.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 11:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 03:26:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 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...	7.438	3399504	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.294	2031565	20.196 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.322	3925841	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3920353	19.686 ug/ml
2) T Naphthalene (C11.7)	5.778	3857390	19.191 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	3375524	18.701 ug/ml
5) T Acenaphthylene (C15.06)	8.386	4044402	20.233 ug/ml
7) T Acenaphthene (C15.5)	8.386	4044402	18.815 ug/ml
8) T Flouorene (C16.55)	9.166	3624199	18.904 ug/ml
9) T Phenanthrene (C19.36)	10.634	3078758	17.121 ug/ml
10) T Anthracene (C19.43)	10.634	3078758	15.828 ug/ml
12) T Fluoranthene (C21.85)	12.361	3420962	18.759 ug/ml
13) T Pyrene (C20.8)	12.656	3414651	18.293 ug/ml
14) T Benzo[a]anthracene (C...	14.565	5863991	40.984 ug/ml
15) T Chrysene (C27.41)	14.565	5863991	30.382 ug/ml
16) T benzo[b]fluoranthene ...	16.067	5705059	39.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.526	309761	2.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	5695702	55.075 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	2876043	22.592 ug/ml

(f)=RT Delta > 1/2 Window

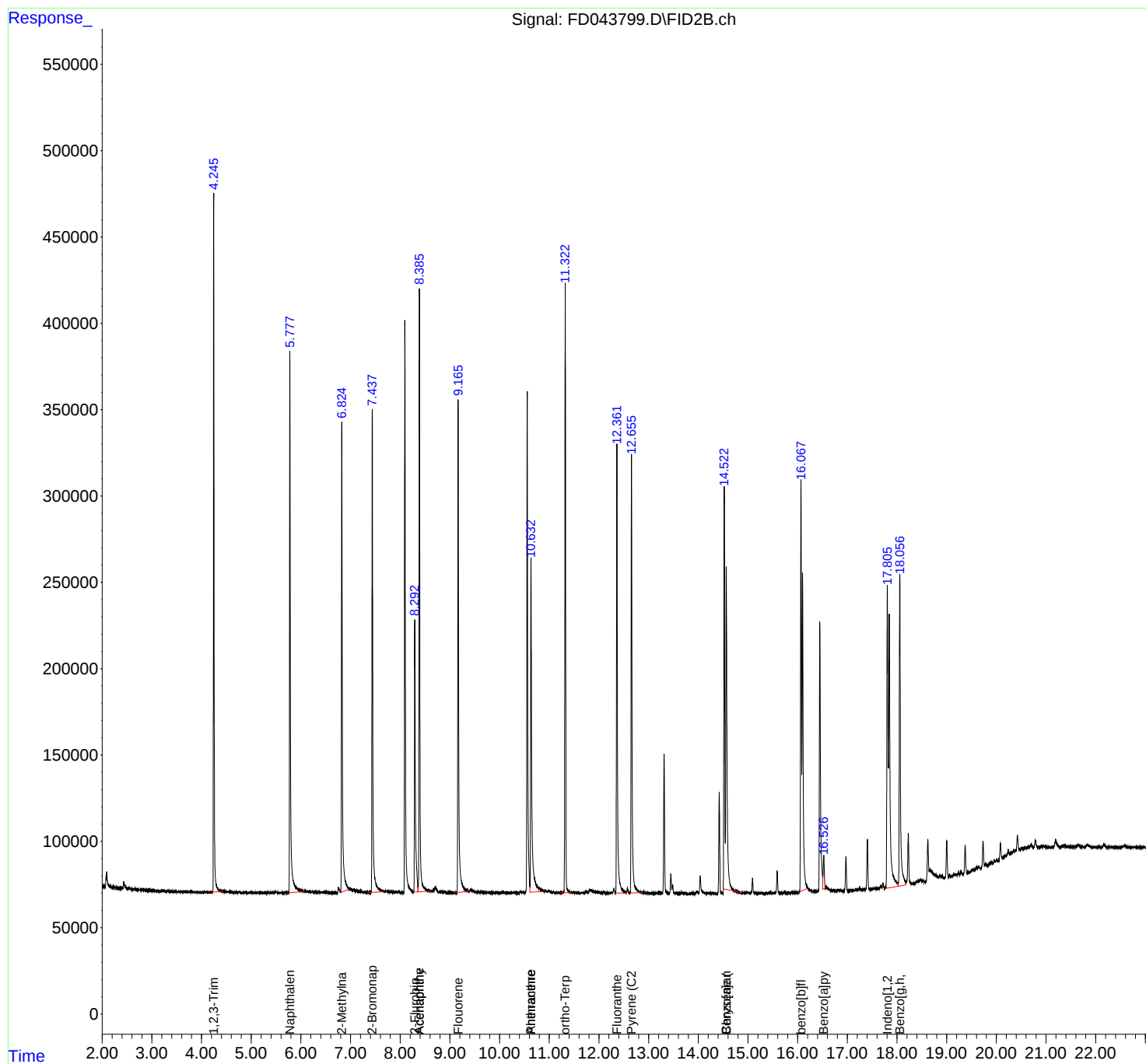
(m)=manual int.

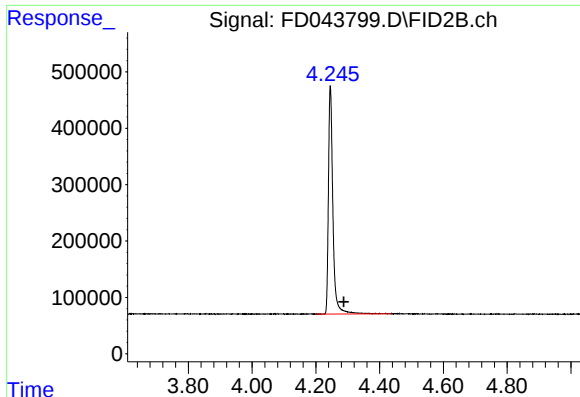
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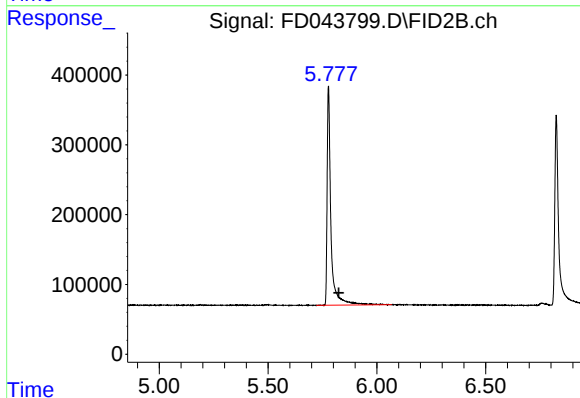




#1 1,2,3-Trimethylbenzene (C10.1)

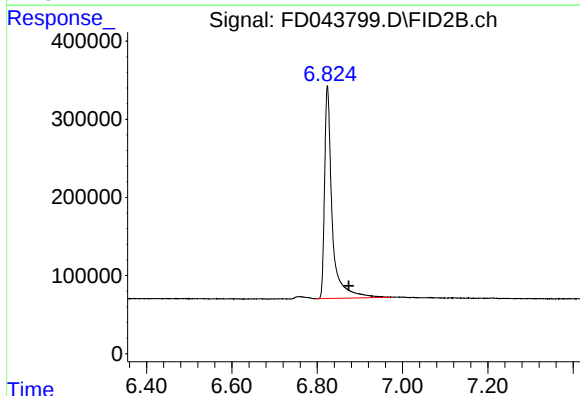
R.T.: 4.246 min
Delta R.T.: -0.042 min
Response: 3920353
Conc: 19.69 ug/ml

Instrument :
FID_D
ClientSampleId :



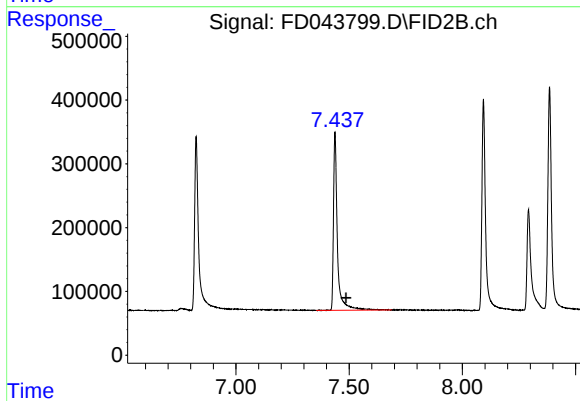
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.047 min
Response: 3857390
Conc: 19.19 ug/ml



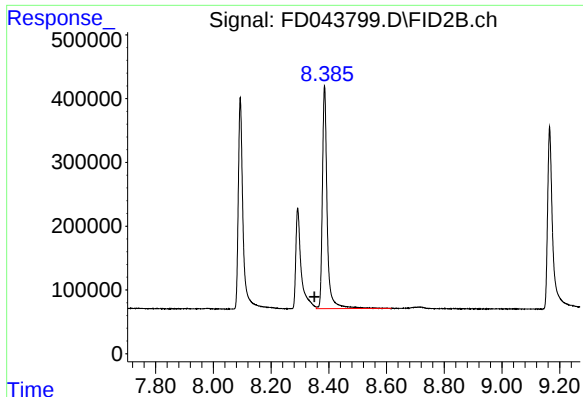
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.049 min
Response: 3375524
Conc: 18.70 ug/ml



#4 2-Bromonaphthalene (SURR)

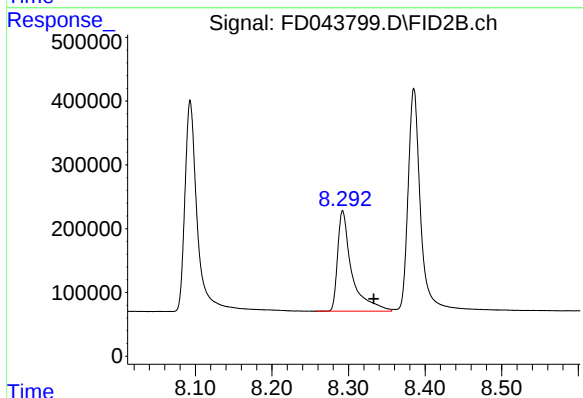
R.T.: 7.438 min
Delta R.T.: -0.049 min
Response: 3399504
Conc: 19.68 ug/ml



#5 Acenaphthylene (C15.06)

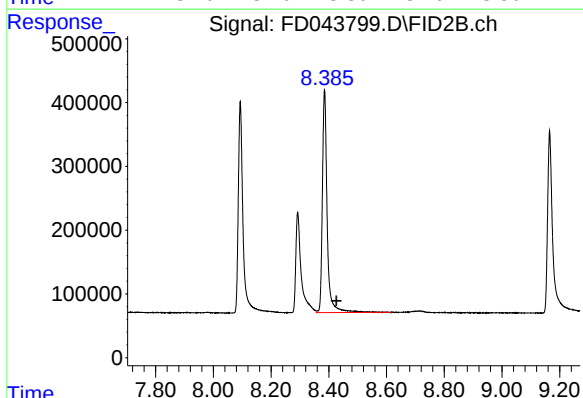
R.T.: 8.386 min
Delta R.T.: 0.036 min
Response: 4044402
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



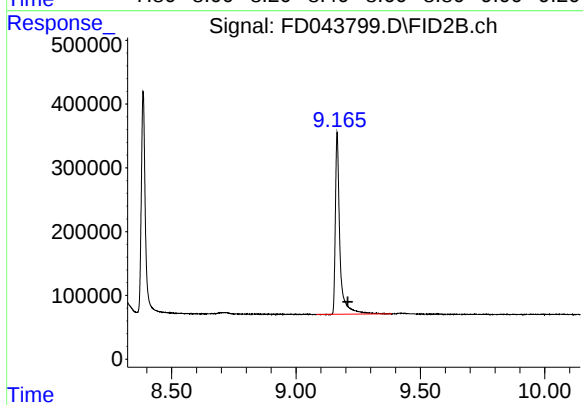
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min
Delta R.T.: -0.039 min
Response: 2031565
Conc: 20.20 ug/ml



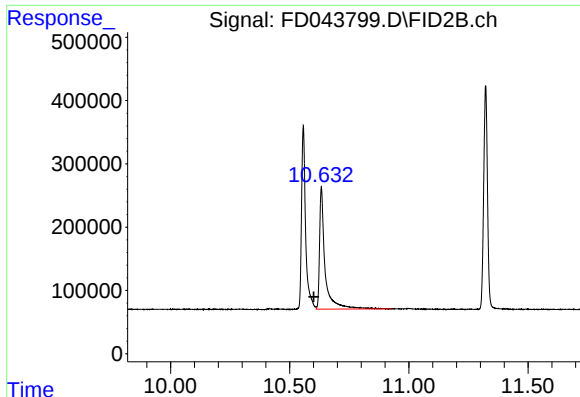
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.040 min
Response: 4044402
Conc: 18.81 ug/ml



#8 Flouorene (C16.55)

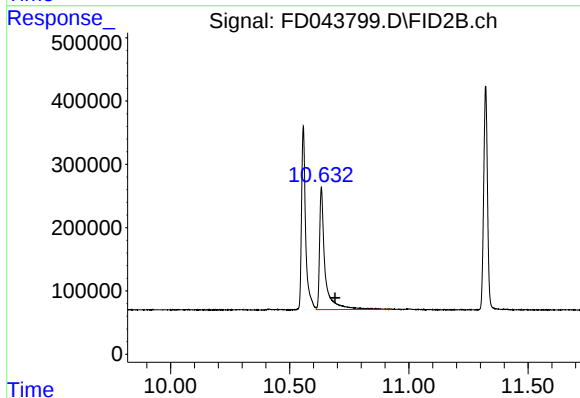
R.T.: 9.166 min
Delta R.T.: -0.042 min
Response: 3624199
Conc: 18.90 ug/ml



#9 Phenanthrene (C19.36)

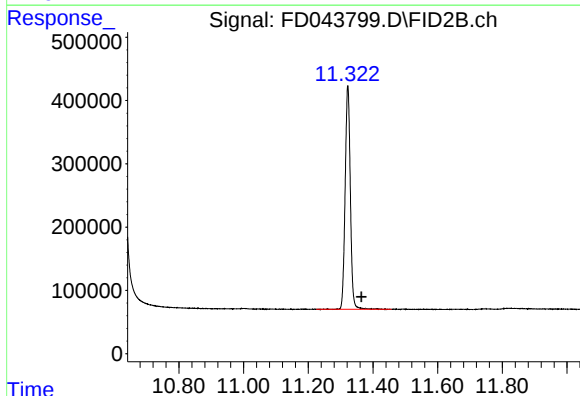
R.T.: 10.634 min
Delta R.T.: 0.033 min
Response: 3078758
Conc: 17.12 ug/ml

Instrument :
FID_D
ClientSampleId :



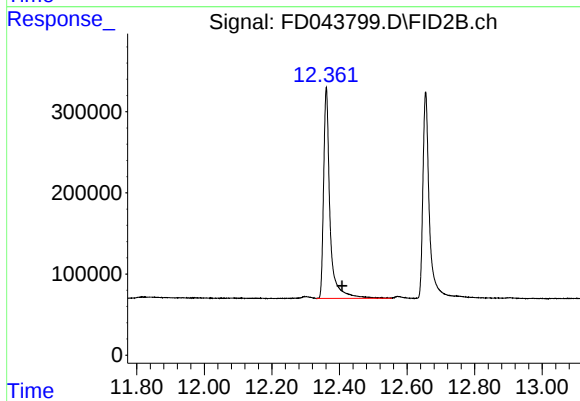
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.057 min
Response: 3078758
Conc: 15.83 ug/ml



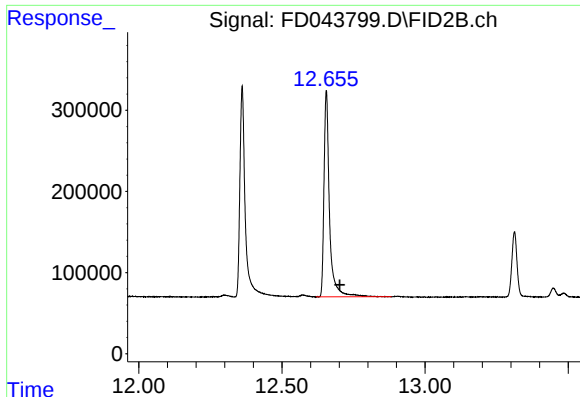
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min
Delta R.T.: -0.043 min
Response: 3925841
Conc: 18.77 ug/ml



#12 Fluoranthene (C21.85)

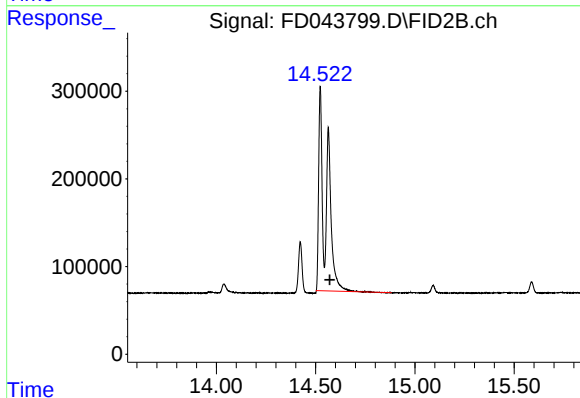
R.T.: 12.361 min
Delta R.T.: -0.047 min
Response: 3420962
Conc: 18.76 ug/ml



#13 Pyrene (C20.8)

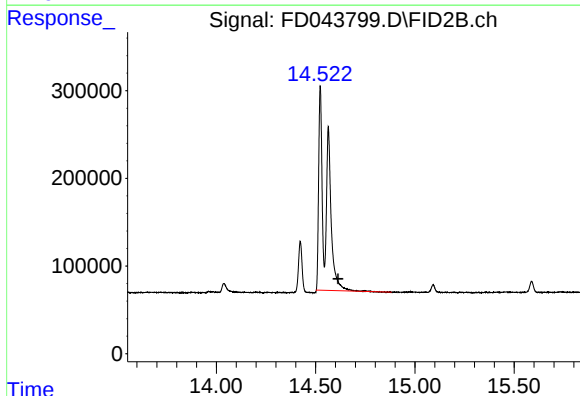
R.T.: 12.656 min
Delta R.T.: -0.046 min
Response: 3414651
Conc: 18.29 ug/ml

Instrument :
FID_D
ClientSampleId :



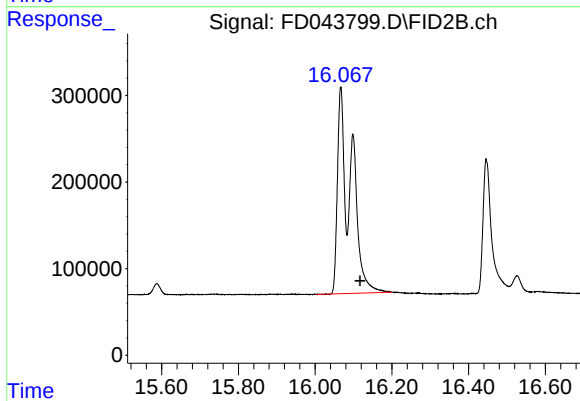
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: -0.007 min
Response: 5863991
Conc: 40.98 ug/ml



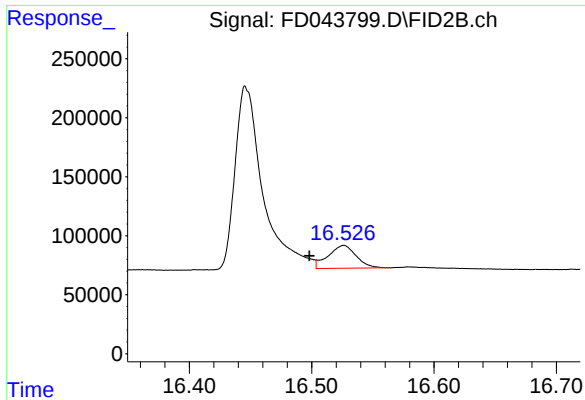
#15 Chrysene (C27.41)

R.T.: 14.565 min
Delta R.T.: -0.049 min
Response: 5863991
Conc: 30.38 ug/ml



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

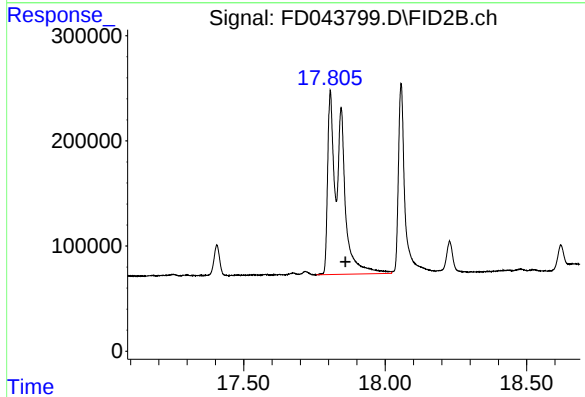
R.T.: 16.067 min
Delta R.T.: -0.050 min
Response: 5705059
Conc: 39.54 ug/ml



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

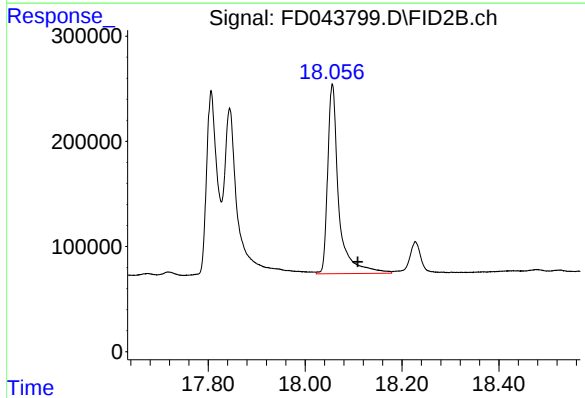
R.T.: 16.526 min
Delta R.T.: 0.028 min
Response: 309761
Conc: 2.13 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.807 min
Delta R.T.: -0.052 min
Response: 5695702
Conc: 55.07 ug/ml



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

R.T.: 18.056 min
Delta R.T.: -0.053 min
Response: 2876043
Conc: 22.59 ug/ml