

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045692.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 12:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 00:35:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.539	3336927	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
6) S 2-Fluorobiphenyl (SURR)	8.395	2244416	19.521 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.04%
11) S ortho-Terphenyl (SURR)	11.434	4132825	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	3720281	19.930 ug/ml
2) T Naphthalene (C11.7)	5.877	3884883	19.750 ug/ml
3) T 2-Methylnaphthalene (...)	6.927	3903951	19.762 ug/ml
5) T Acenaphthylene (C15.06)	8.199	3488240	19.415 ug/ml
7) T Acenaphthene (C15.5)	8.494	3726151	19.581 ug/ml
8) T Fluorene (C16.55)	9.272	3676160	19.493 ug/ml
9) T Phenanthrene (C19.36)	10.663	3585959	19.292 ug/ml
10) T Anthracene (C19.43)	10.737	2975759	16.645 ug/ml
12) T Fluoranthene (C21.85)	12.467	3477464	19.277 ug/ml
13) T Pyrene (C20.8)	12.762	3372397	19.242 ug/ml
14) T Benzo[a]anthracene (C...	14.625	2963981	18.621 ug/ml
15) T Chrysene (C27.41)	14.668	3083873	18.992 ug/ml
16) T benzo[b]fluoranthene ...	16.166	2857452	19.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.199	2879973	19.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	2715452	19.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	2666858	20.990 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	2874836	22.384 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	2715253	21.110 ug/ml

(f)=RT Delta > 1/2 Window

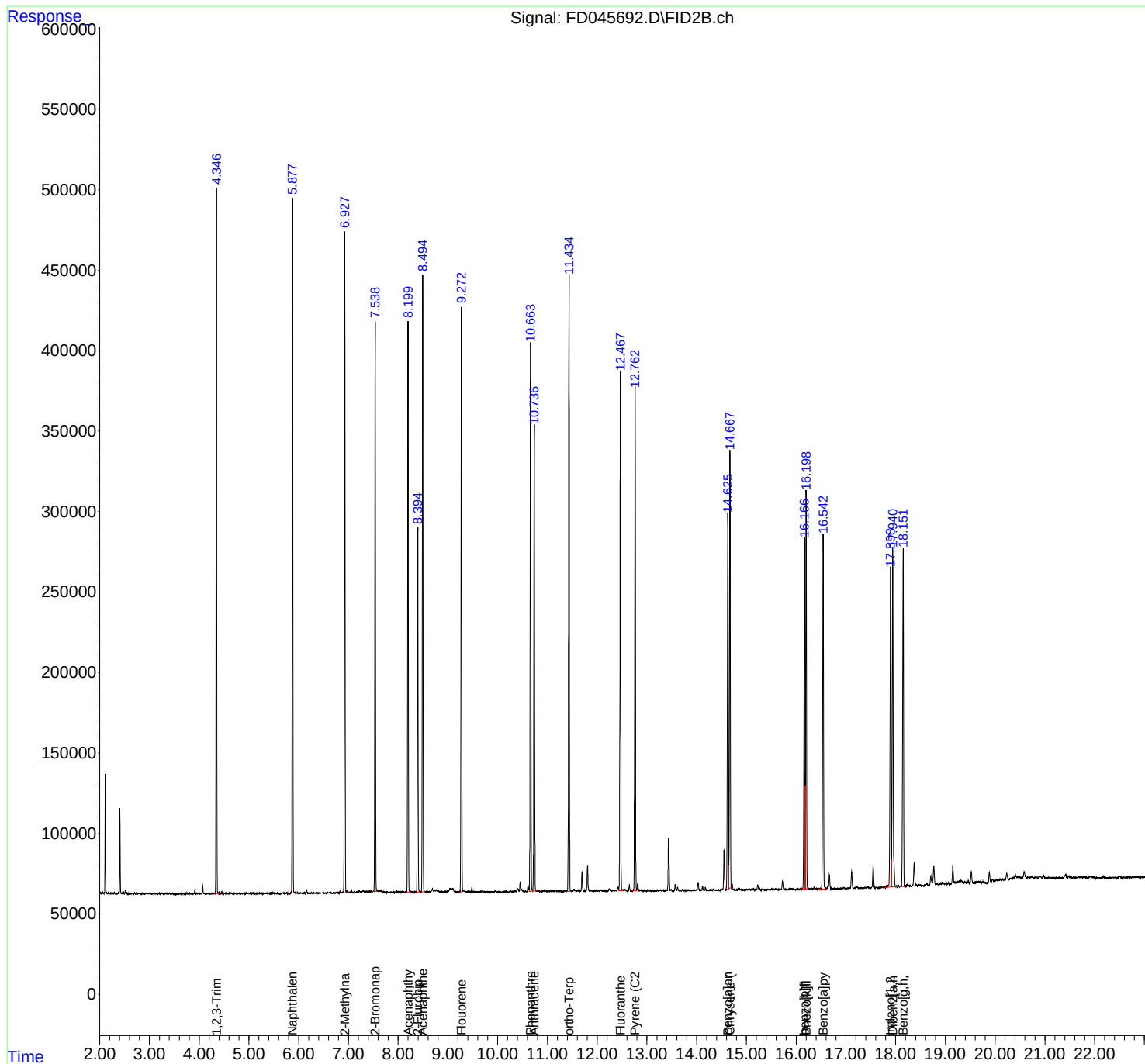
(m)=manual int.

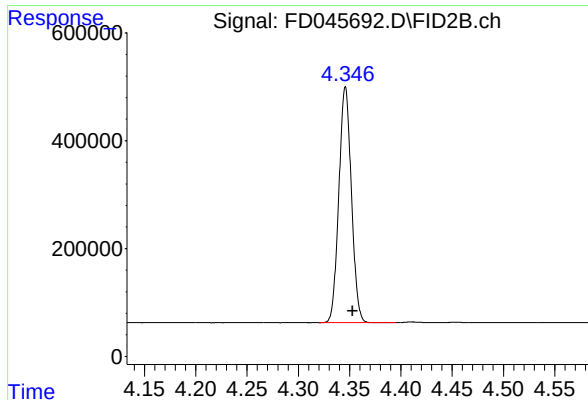
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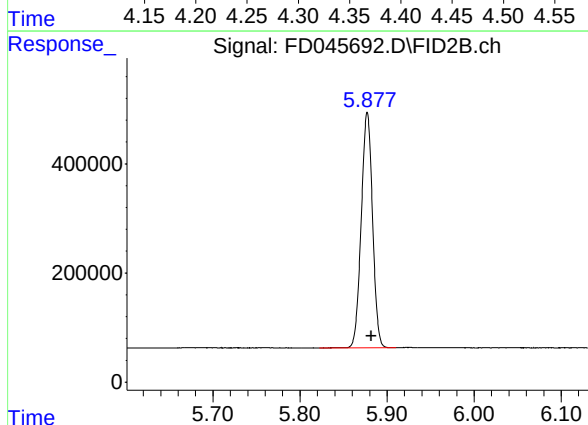




#1 1,2,3-Trimethylbenzene (C10.1)

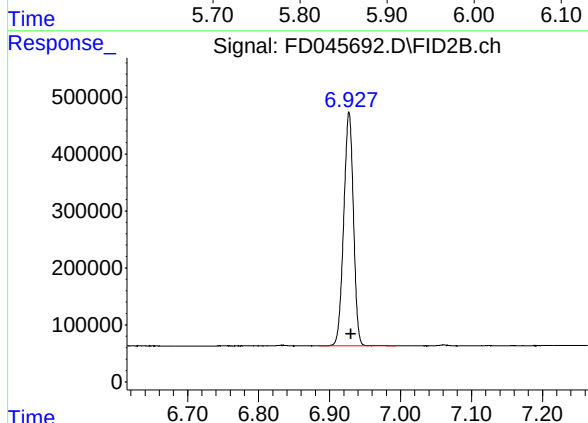
R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 3720281
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :



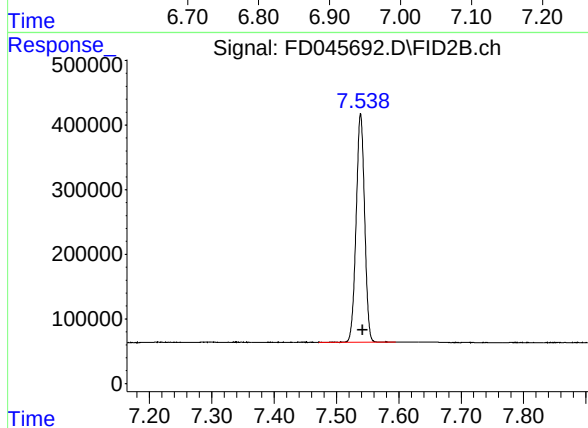
#2 Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.005 min
Response: 3884883
Conc: 19.75 ug/ml



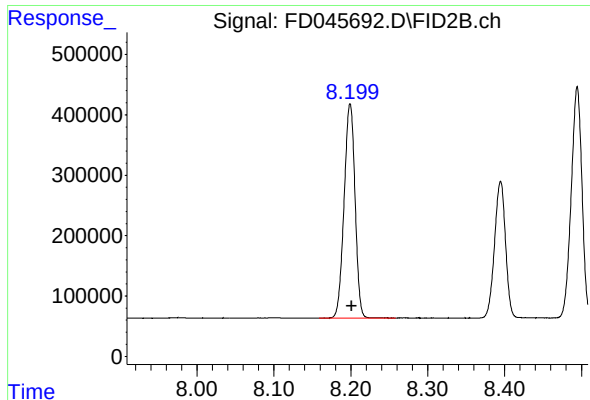
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 3903951
Conc: 19.76 ug/ml



#4 2-Bromonaphthalene (SURR)

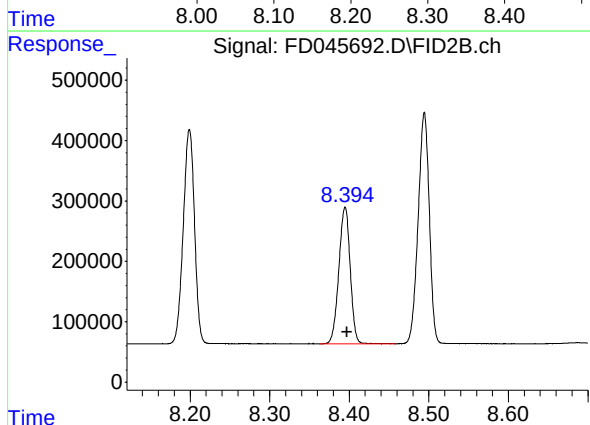
R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 3336927
Conc: 19.56 ug/ml



#5 Acenaphthylene (C15.06)

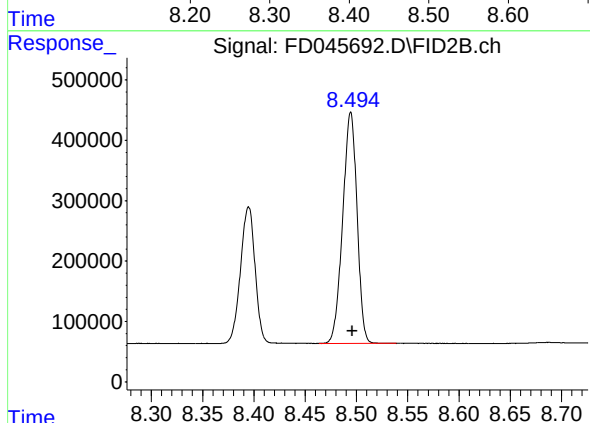
R.T.: 8.199 min
Delta R.T.: -0.002 min
Response: 3488240
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :



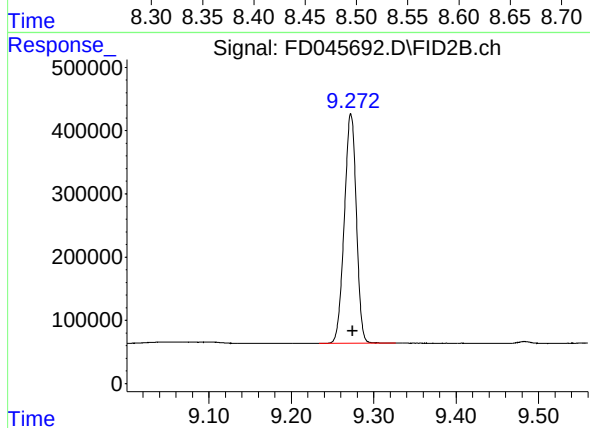
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.395 min
Delta R.T.: -0.003 min
Response: 2244416
Conc: 19.52 ug/ml



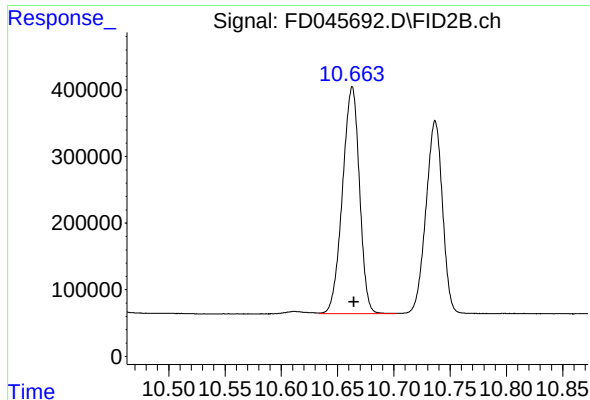
#7 Acenaphthene (C15.5)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 3726151
Conc: 19.58 ug/ml



#8 Flouorene (C16.55)

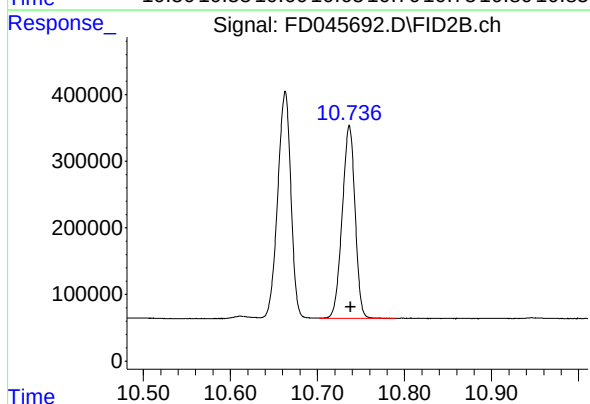
R.T.: 9.272 min
Delta R.T.: -0.002 min
Response: 3676160
Conc: 19.49 ug/ml



#9 Phenanthrene (C19.36)

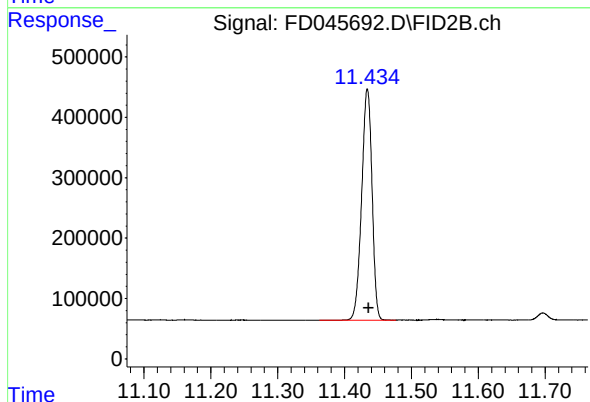
R.T.: 10.663 min
Delta R.T.: -0.002 min
Response: 3585959
Conc: 19.29 ug/ml

Instrument :
FID_D
ClientSampleId :



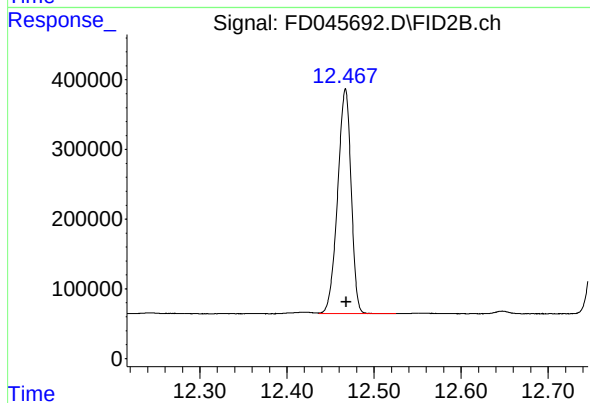
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: -0.001 min
Response: 2975759
Conc: 16.65 ug/ml



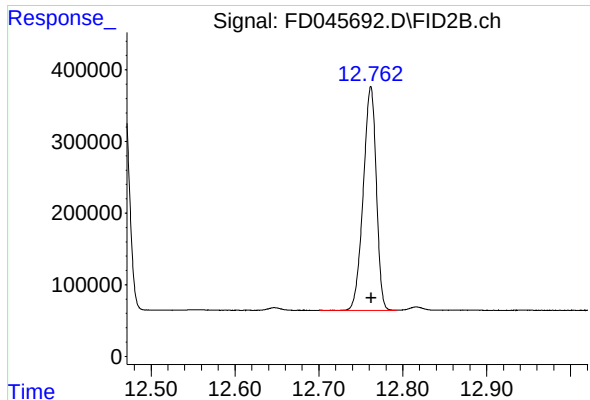
#11 ortho-Terphenyl (SURR)

R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 4132825
Conc: 19.58 ug/ml



#12 Fluoranthene (C21.85)

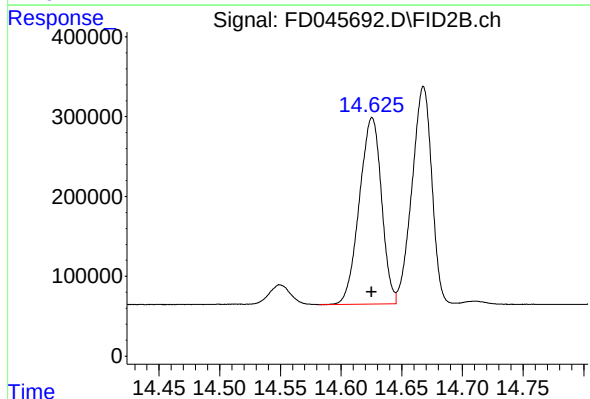
R.T.: 12.467 min
Delta R.T.: -0.001 min
Response: 3477464
Conc: 19.28 ug/ml



#13 Pyrene (C20.8)

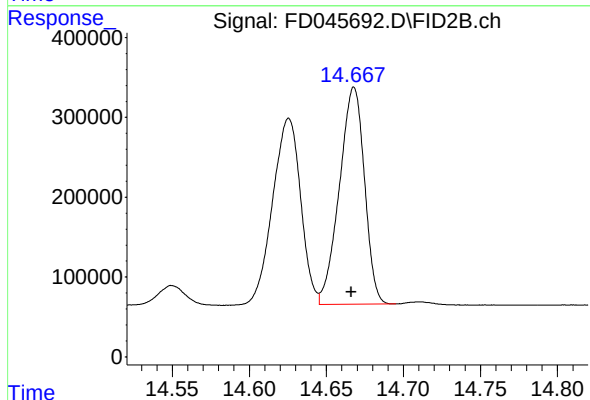
R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3372397
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :



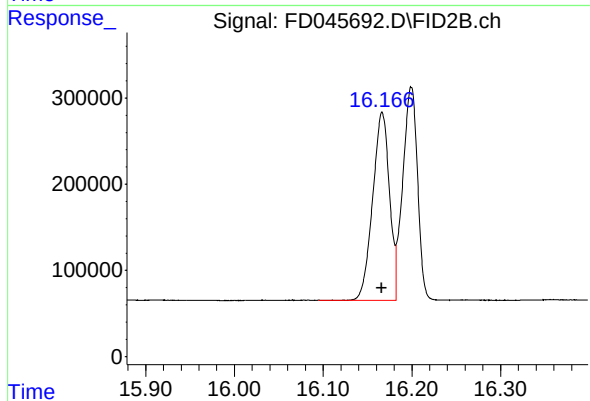
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.000 min
Response: 2963981
Conc: 18.62 ug/ml



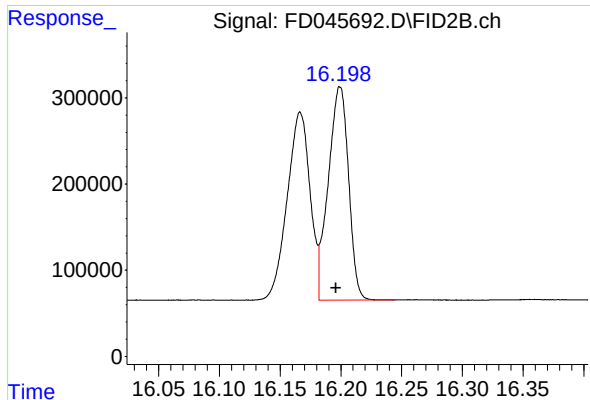
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: 0.002 min
Response: 3083873
Conc: 18.99 ug/ml



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

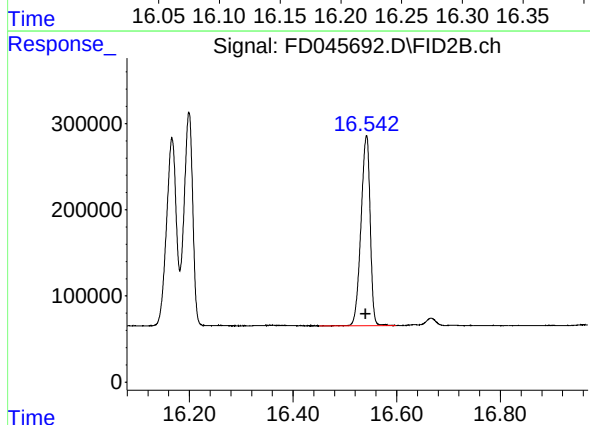
R.T.: 16.166 min
Delta R.T.: 0.000 min
Response: 2857452
Conc: 19.40 ug/ml



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

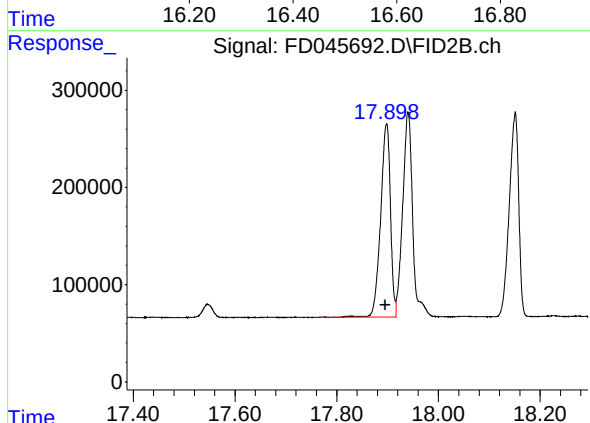
R.T.: 16.199 min
Delta R.T.: 0.003 min
Response: 2879973
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :



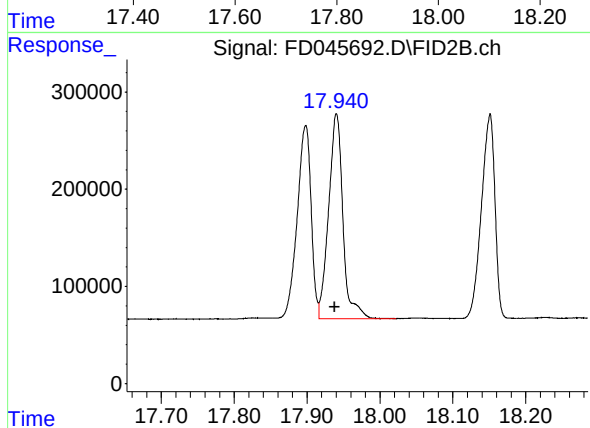
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min
Delta R.T.: 0.000 min
Response: 2715452
Conc: 19.48 ug/ml



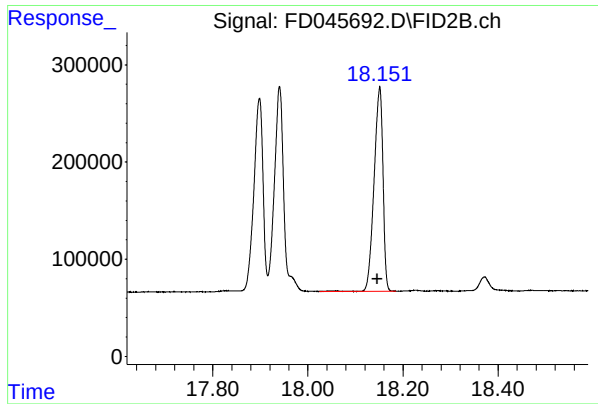
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: 0.002 min
Response: 2666858
Conc: 20.99 ug/ml



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

R.T.: 17.940 min
Delta R.T.: 0.002 min
Response: 2874836
Conc: 22.38 ug/ml



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

R.T.: 18.151 min

Delta R.T.: 0.005 min

Response: 2715253

Conc: 21.11 ug/ml

Instrument :

FID_D

ClientSampleId :