

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046037.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 19:27
 Operator : YP/AJ
 Sample : PB153795BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153795BSD

Integration File: autoint1.e
 Quant Time: Jun 29 02:16:15 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...	7.519	7885841	36.593 ug/ml
Spiked Amount 50.000		Recovery =	73.19%
6) S 2-Fluorobiphenyl (SURR)	8.374	3648359	26.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.72%
11) S ortho-Terphenyl (SURR)	11.417	10166619	40.102 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	6351608	25.498 ug/ml
2) T Naphthalene (C11.7)	5.858	7296928	28.602 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	7472880	29.643 ug/ml
5) T Acenaphthylene (C15.06)	8.180	8305798	38.241 ug/ml
7) T Acenaphthene (C15.5)	8.476	8392180	35.602 ug/ml
8) T Fluorene (C16.55)	9.254	8290758	36.643 ug/ml
9) T Phenanthrene (C19.36)	10.645	8008635	37.533 ug/ml
10) T Anthracene (C19.43)	10.721	7935192	49.940 ug/ml
12) T Fluoranthene (C21.85)	12.451	7747424	37.857 ug/ml
13) T Pyrene (C20.8)	12.746	7749378	39.856 ug/ml
14) T Benzo[a]anthracene (C...	14.611	7316547	40.682 ug/ml
15) T Chrysene (C27.41)	14.656	7356486	37.481 ug/ml
16) T benzo[b]fluoranthene ...	16.155	7626002	40.660 ug/ml
17) T Bnezo[k]fluoranthene ...	16.191	7277886	36.793 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	6738313	38.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	7130560	38.314 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	7157365	38.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	7232458	38.707 ug/ml

(f)=RT Delta > 1/2 Window

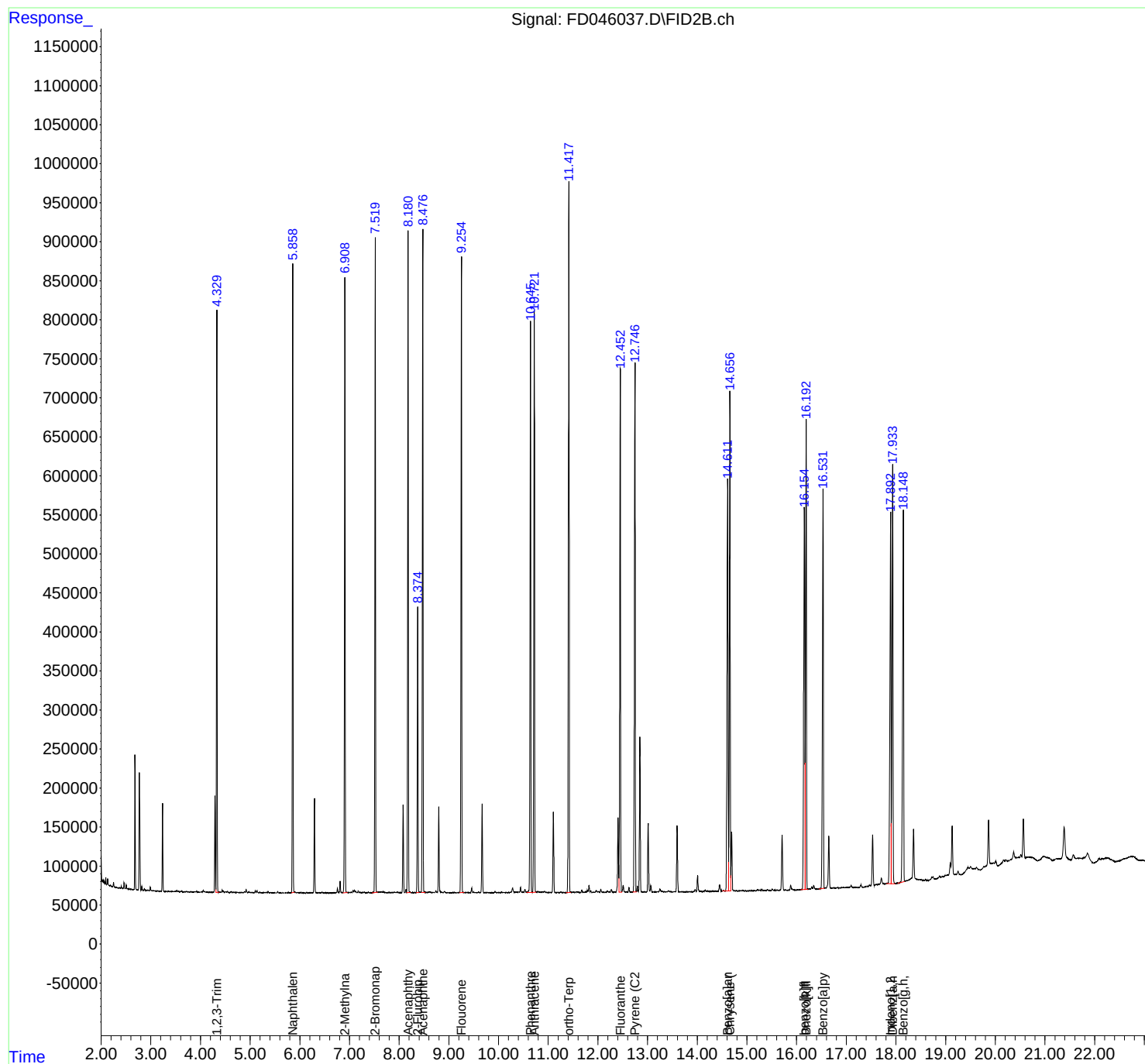
(m)=manual int.

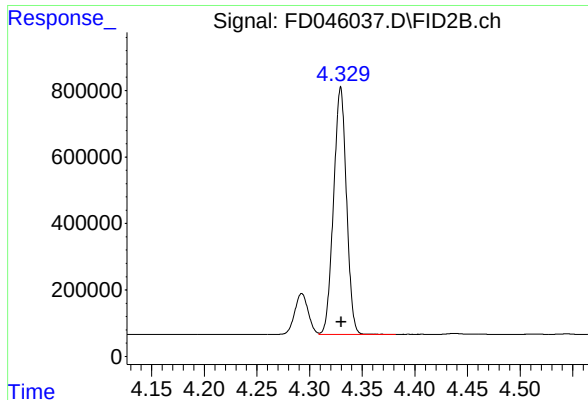
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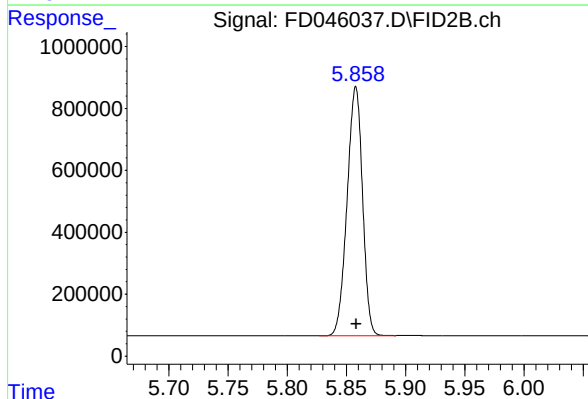




#1 1,2,3-Trimethylbenzene (C10.1)

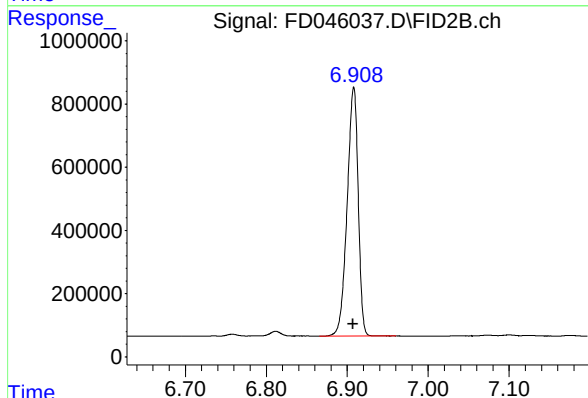
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 6351608
Conc: 25.50 ug/ml

Instrument :
FID_D
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PB153795BSD



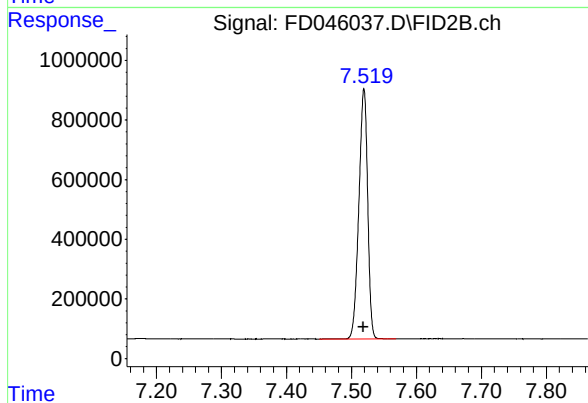
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 7296928
Conc: 28.60 ug/ml



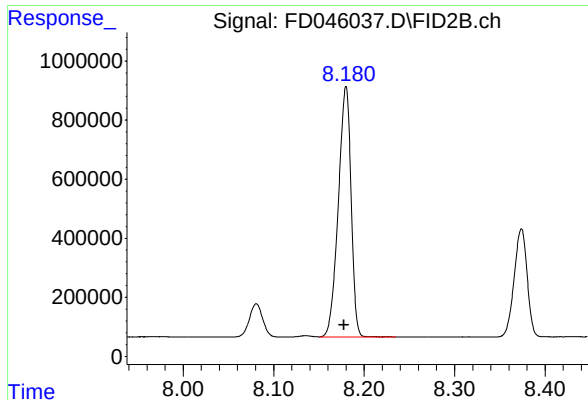
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 7472880
Conc: 29.64 ug/ml



#4 2-Bromonaphthalene (SURR)

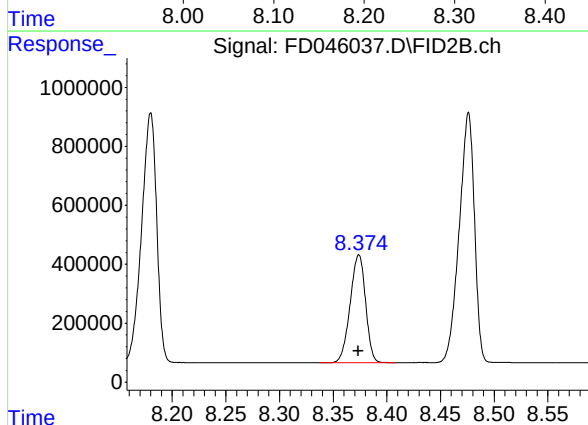
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 7885841
Conc: 36.59 ug/ml



#5 Acenaphthylene (C15.06)

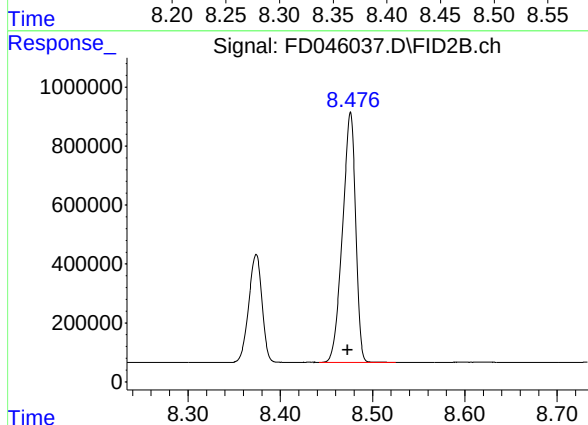
R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 8305798
Conc: 38.24 ug/ml

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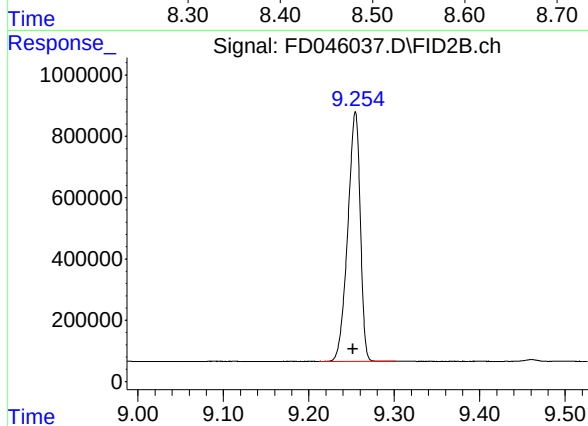
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 3648359
Conc: 26.36 ug/ml



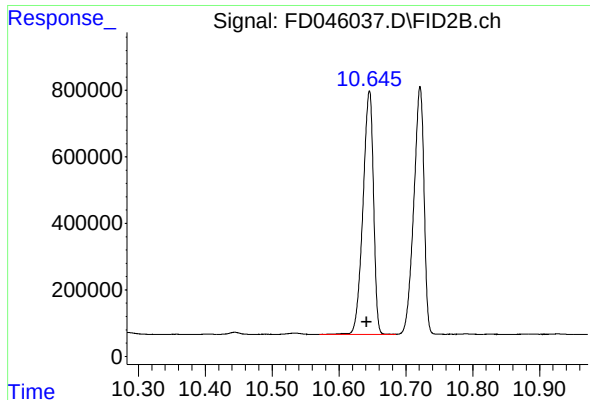
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: 0.003 min
Response: 8392180
Conc: 35.60 ug/ml



#8 Flouorene (C16.55)

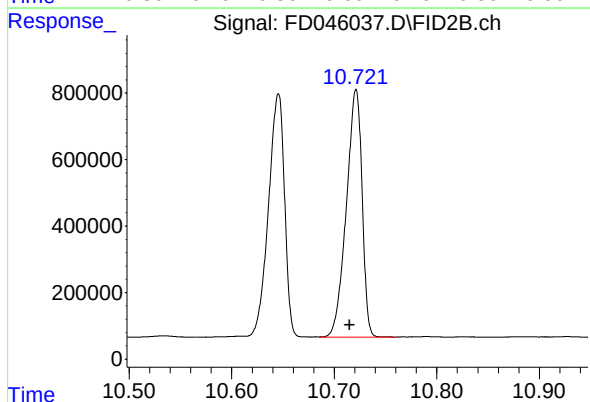
R.T.: 9.254 min
Delta R.T.: 0.002 min
Response: 8290758
Conc: 36.64 ug/ml



#9 Phenanthrene (C19.36)

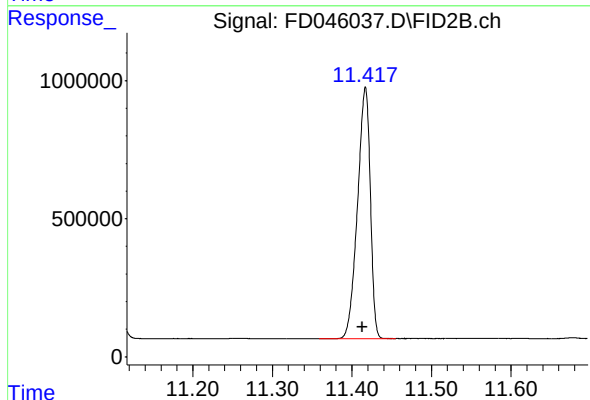
R.T.: 10.645 min
Delta R.T.: 0.004 min
Response: 8008635
Conc: 37.53 ug/ml

Instrument :
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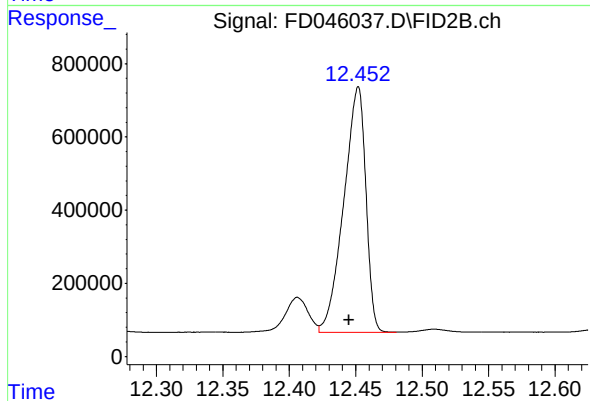
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: 0.006 min
Response: 7935192
Conc: 49.94 ug/ml



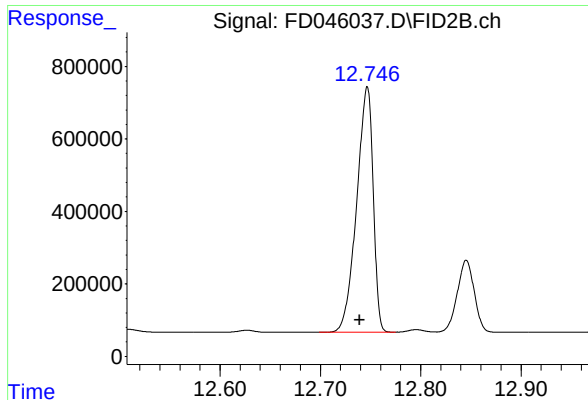
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: 0.004 min
Response: 10166619
Conc: 40.10 ug/ml



#12 Fluoranthene (C21.85)

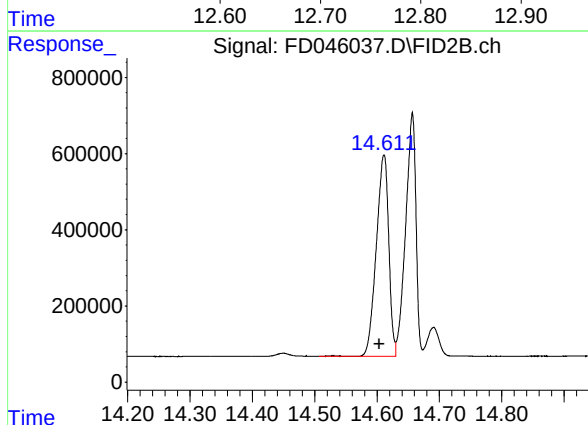
R.T.: 12.451 min
Delta R.T.: 0.006 min
Response: 7747424
Conc: 37.86 ug/ml



#13 Pyrene (C20.8)

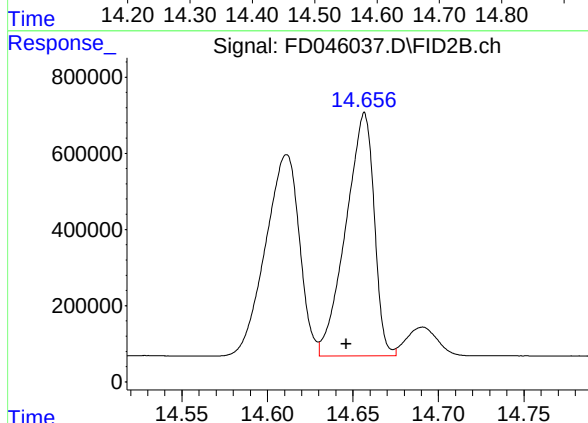
R.T.: 12.746 min
Delta R.T.: 0.007 min
Response: 7749378
Conc: 39.86 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BSD



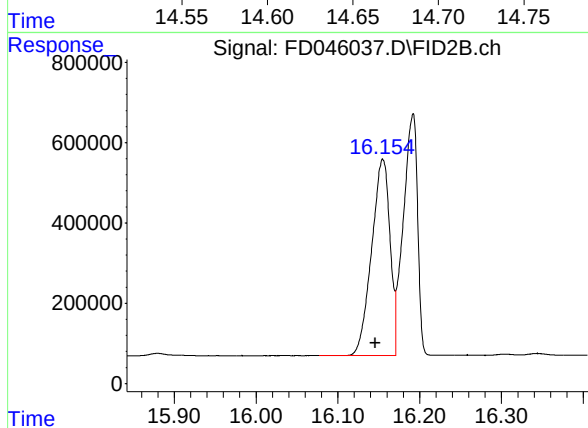
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: 0.007 min
Response: 7316547
Conc: 40.68 ug/ml



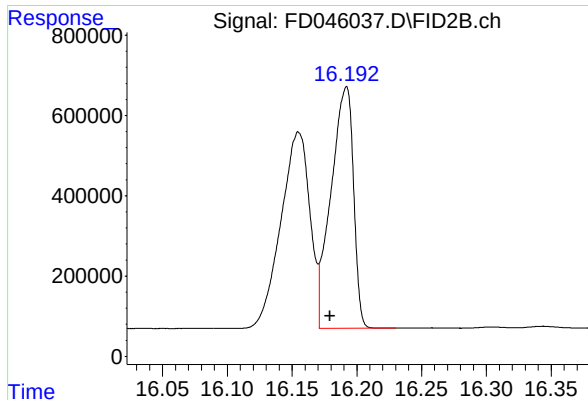
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.010 min
Response: 7356486
Conc: 37.48 ug/ml



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

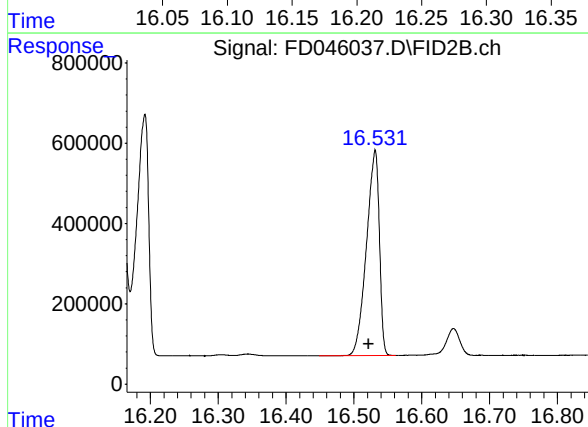
R.T.: 16.155 min
Delta R.T.: 0.009 min
Response: 7626002
Conc: 40.66 ug/ml



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

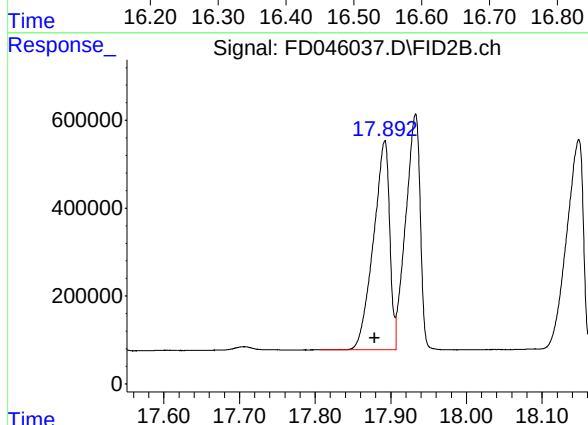
R.T.: 16.191 min
Delta R.T.: 0.012 min
Response: 7277886
Conc: 36.79 ug/ml

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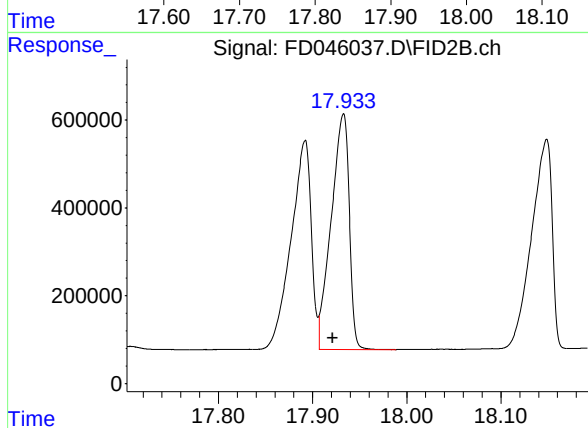
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: 0.009 min
Response: 6738313
Conc: 38.67 ug/ml



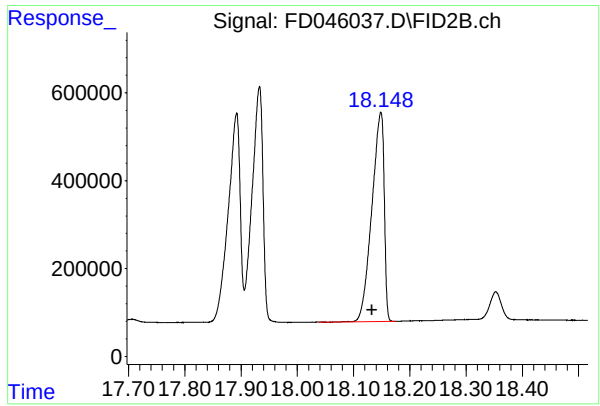
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.013 min
Response: 7130560
Conc: 38.31 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 7157365
Conc: 38.93 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.015 min
Response: 7232458
Conc: 38.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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