

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046027.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 12:15
 Operator : YP/AJ
 Sample : PB153795BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153795BSD

Integration File: autoint1.e
 Quant Time: Jun 29 02:29:13 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	6465796	30.004 ug/ml
Spiked Amount 50.000		Recovery =	60.01%
6) S 2-Fluorobiphenyl (SURR)	8.375	2708514	19.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.14%
11) S ortho-Terphenyl (SURR)	11.416	7388525	29.144 ug/ml
Spiked Amount 50.000		Recovery =	58.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	3761693	15.101 ug/ml
2) T Naphthalene (C11.7)	5.858	4511123	17.682 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4589706	18.206 ug/ml
5) T Acenaphthylene (C15.06)	8.180	5860916	26.984 ug/ml
7) T Acenaphthene (C15.5)	8.475	5431789	23.043 ug/ml
8) T Fluorene (C16.55)	9.255	6538202	28.897 ug/ml
9) T Phenanthrene (C19.36)	10.645	6377528	29.889 ug/ml
10) T Anthracene (C19.43)	10.720	6138312	38.632 ug/ml
12) T Fluoranthene (C21.85)	12.451	6689777	32.689 ug/ml
13) T Pyrene (C20.8)	12.746	6397809	32.904 ug/ml
14) T Benzo[a]anthracene (C...	14.612	6519015	36.248 ug/ml
15) T Chrysene (C27.41)	14.655	6668097	33.973 ug/ml
16) T benzo[b]fluoranthene ...	16.156	6909469	36.839 ug/ml
17) T Bnezo[k]fluoranthene ...	16.191	6613370	33.433 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	6060619	34.785 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	6457011	34.695 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	6562069	35.692 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	6613513	35.394 ug/ml

(f)=RT Delta > 1/2 Window

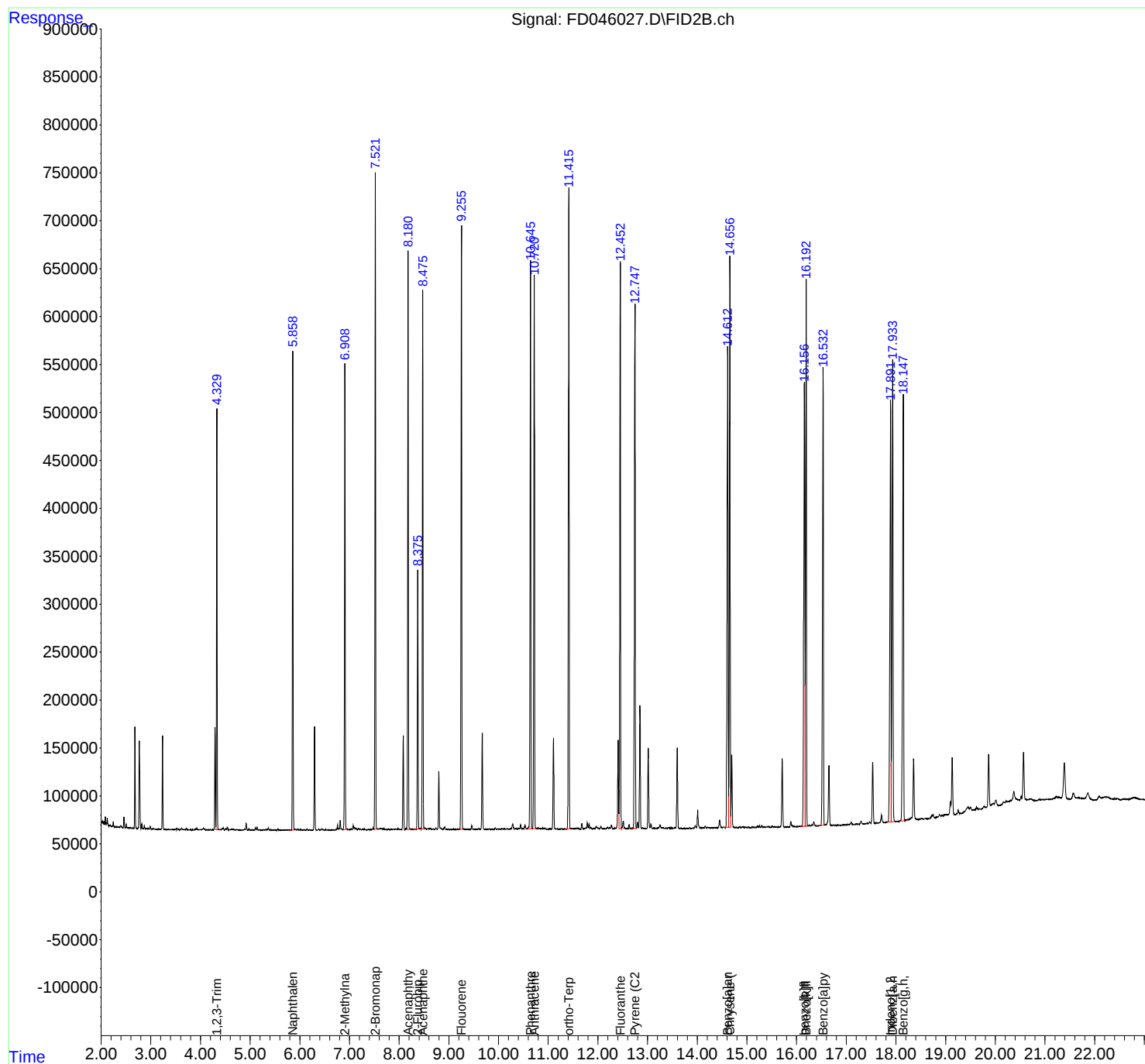
(m)=manual int.

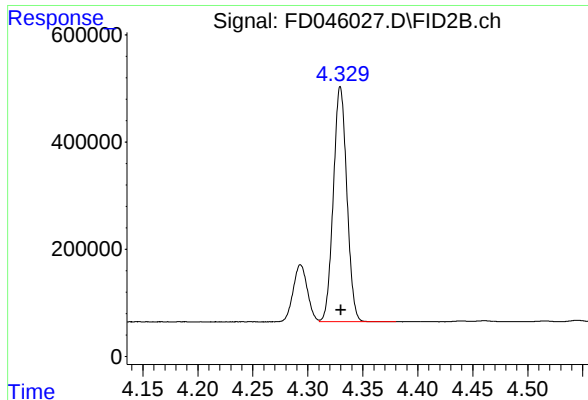
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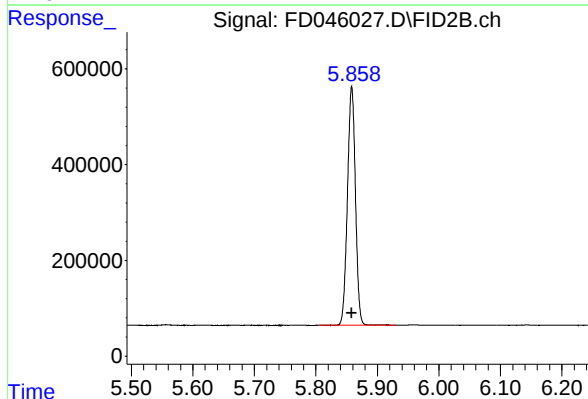




#1 1,2,3-Trimethylbenzene (C10.1)

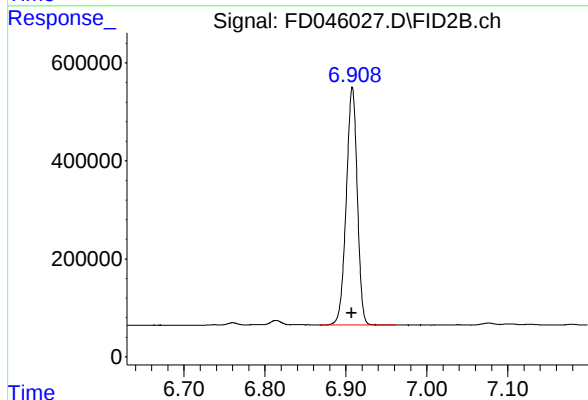
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 3761693
Conc: 15.10 ug/ml

Instrument :
FID_D
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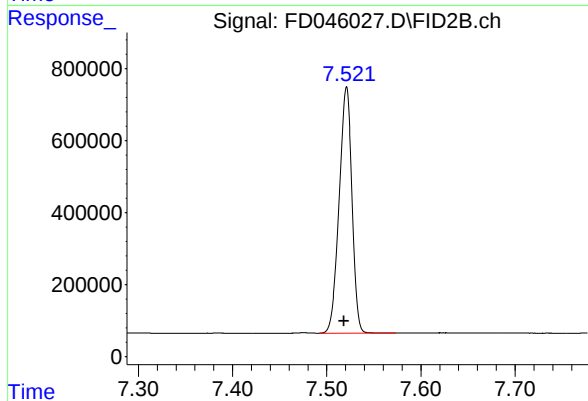
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 4511123
Conc: 17.68 ug/ml



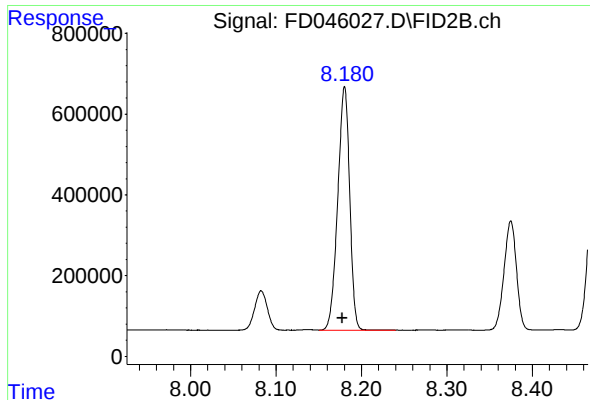
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 4589706
Conc: 18.21 ug/ml



#4 2-Bromonaphthalene (SURR)

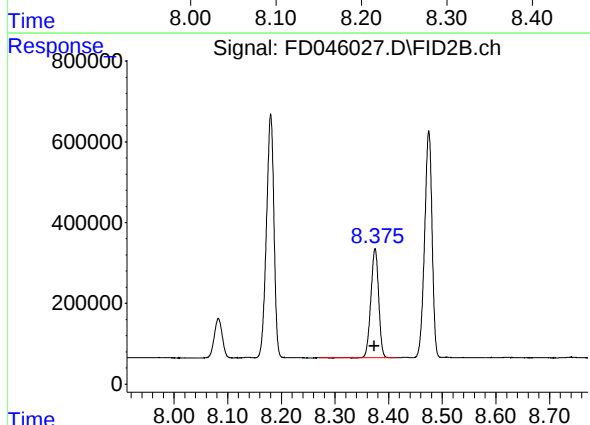
R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 6465796
Conc: 30.00 ug/ml



#5 Acenaphthylene (C15.06)

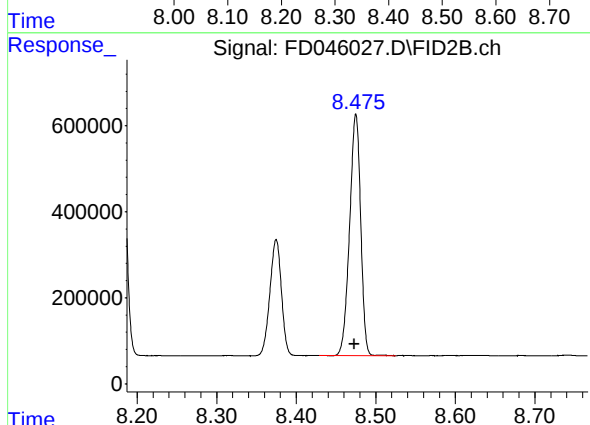
R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 5860916
Conc: 26.98 ug/ml

Instrument :
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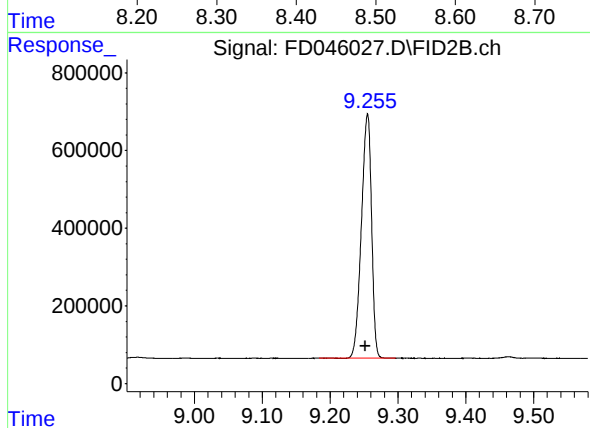
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.001 min
Response: 2708514
Conc: 19.57 ug/ml



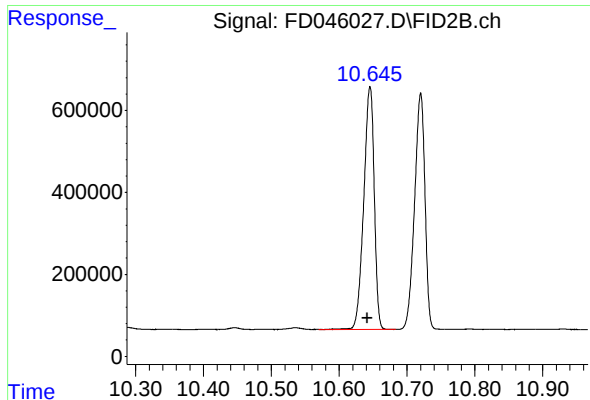
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 5431789
Conc: 23.04 ug/ml



#8 Flouorene (C16.55)

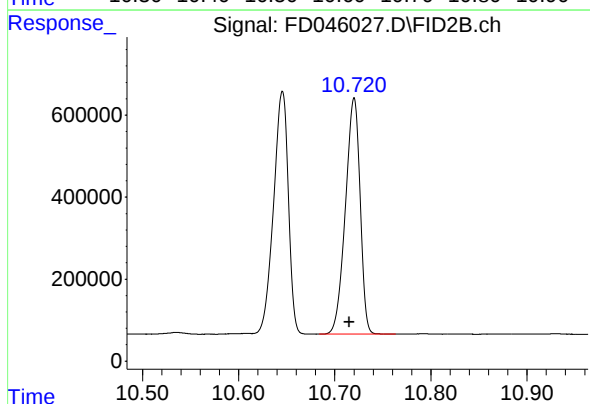
R.T.: 9.255 min
Delta R.T.: 0.003 min
Response: 6538202
Conc: 28.90 ug/ml



#9 Phenanthrene (C19.36)

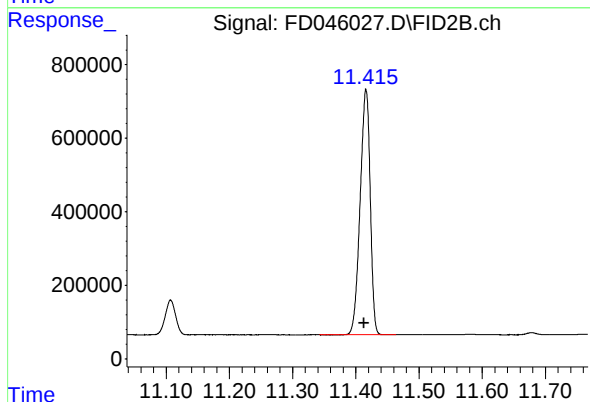
R.T.: 10.645 min
Delta R.T.: 0.004 min
Response: 6377528
Conc: 29.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BSD



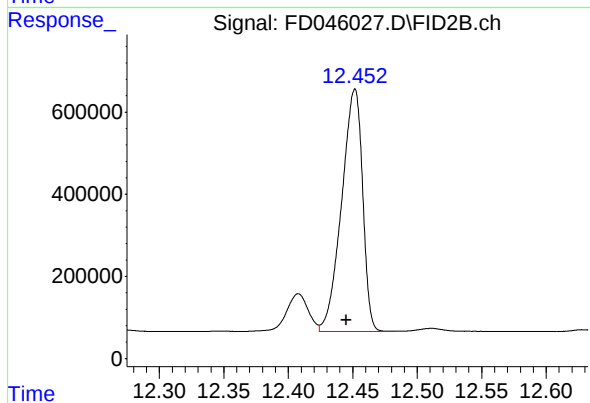
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: 0.005 min
Response: 6138312
Conc: 38.63 ug/ml



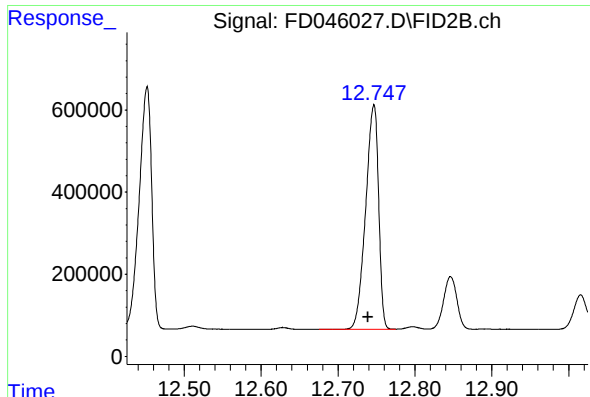
#11 ortho-Terphenyl (SURRE)

R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 7388525
Conc: 29.14 ug/ml



#12 Fluoranthene (C21.85)

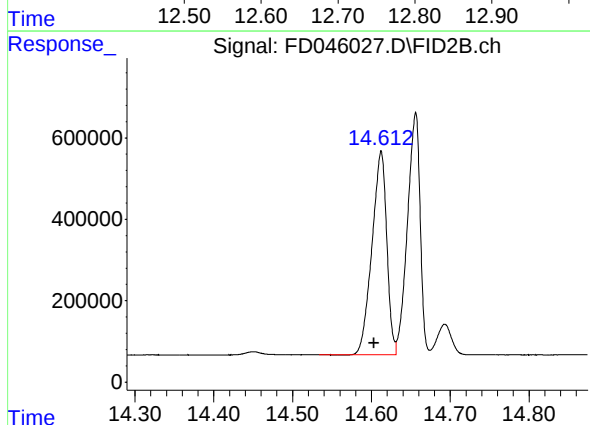
R.T.: 12.451 min
Delta R.T.: 0.006 min
Response: 6689777
Conc: 32.69 ug/ml



#13 Pyrene (C20.8)

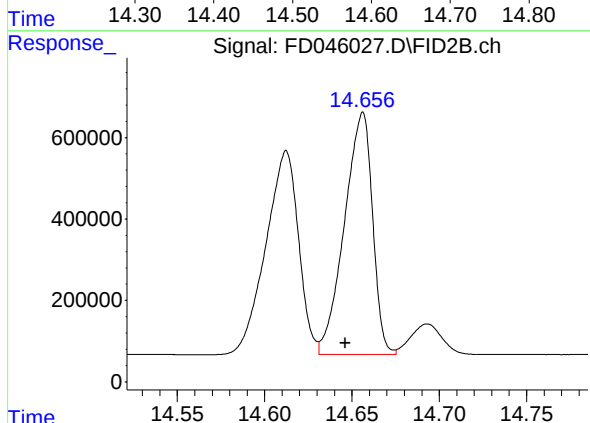
R.T.: 12.746 min
Delta R.T.: 0.007 min
Response: 6397809
Conc: 32.90 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BSD



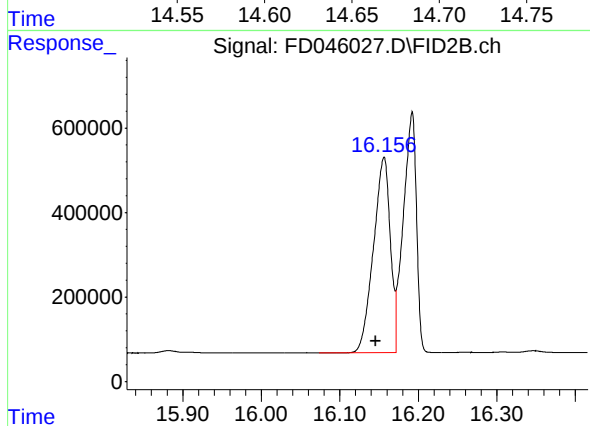
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.009 min
Response: 6519015
Conc: 36.25 ug/ml



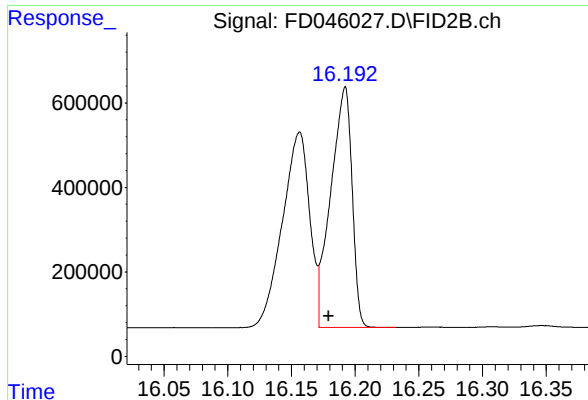
#15 Chrysene (C27.41)

R.T.: 14.655 min
Delta R.T.: 0.009 min
Response: 6668097
Conc: 33.97 ug/ml



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

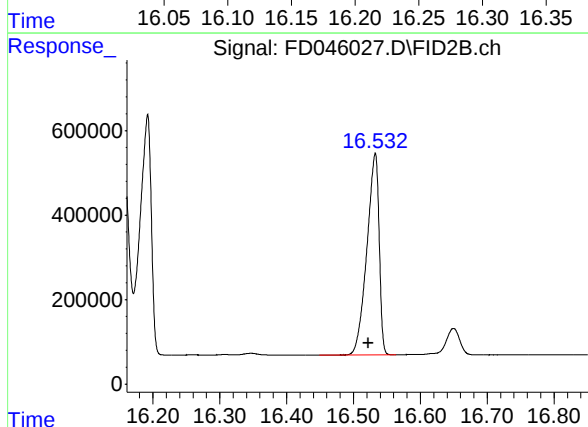
R.T.: 16.156 min
Delta R.T.: 0.010 min
Response: 6909469
Conc: 36.84 ug/ml



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

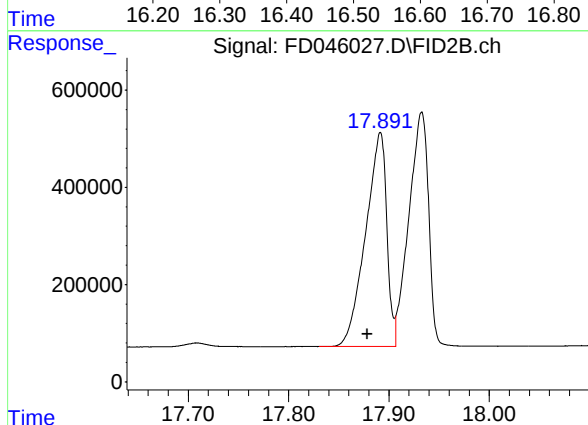
R.T.: 16.191 min
Delta R.T.: 0.012 min
Response: 6613370
Conc: 33.43 ug/ml

Instrument :
FID_D
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PB153795BSD



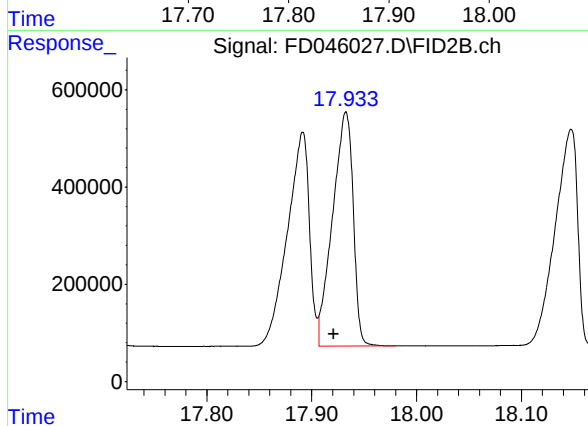
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: 0.010 min
Response: 6060619
Conc: 34.79 ug/ml



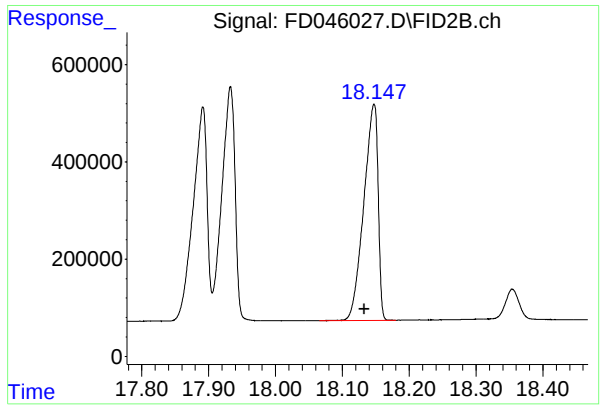
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.012 min
Response: 6457011
Conc: 34.70 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 6562069
Conc: 35.69 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.014 min
Response: 6613513
Conc: 35.39 ug/ml

Instrument :
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ClientSampleId :
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