

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044691.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 18:58
 Operator : YP/AJ
 Sample : PB149876BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 14:27:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.683	6208174	47.836 ug/ml
Spiked Amount 50.000		Recovery =	95.67%
6) S 2-Fluorobiphenyl (SURR)	8.540	3950896	44.735 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.47%
11) S ortho-Terphenyl (SURR)	11.569	6337753	38.943 ug/ml
Spiked Amount 50.000		Recovery =	77.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	4174774	29.255 ug/ml
2) T Naphthalene (C11.7)	6.031	4701599	31.270 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	4901733	32.443 ug/ml
5) T Acenaphthylene (C15.06)	8.344	4945454	35.575 ug/ml
7) T Acenaphthene (C15.5)	8.639	5376440	36.635 ug/ml
8) T Flouorene (C16.55)	9.415	5152731	35.736 ug/ml
9) T Phenanthrene (C19.36)	10.804	5047940	35.399 ug/ml
10) T Anthracene (C19.43)	10.878	5075366	36.531 ug/ml
12) T Fluoranthene (C21.85)	12.605	5049938	35.424 ug/ml
13) T Pyrene (C20.8)	12.902	5171671	37.161 ug/ml
14) T Benzo[a]anthracene (C...	14.762	4794184	37.052 ug/ml
15) T Chrysene (C27.41)	14.805	4860079	36.050 ug/ml
16) T benzo[b]fluoranthene ...	16.302	4765104	36.204 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	4502093	34.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	4319686	33.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	4182453	32.817 ug/ml
20) T Dibenz[a,h]anthracene...	18.073	3914667	31.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	4183609	32.527 ug/ml

(f)=RT Delta > 1/2 Window

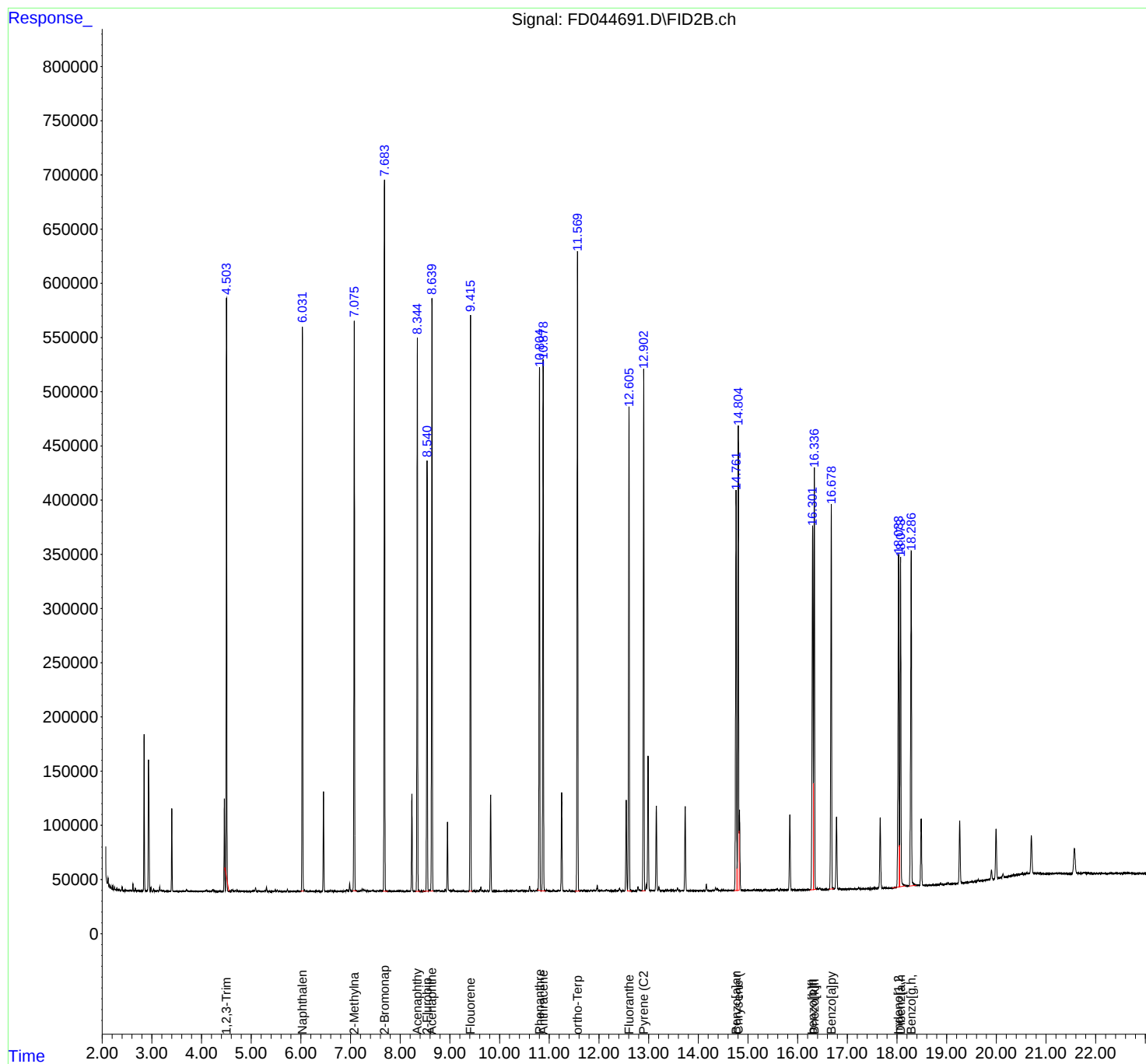
(m)=manual int.

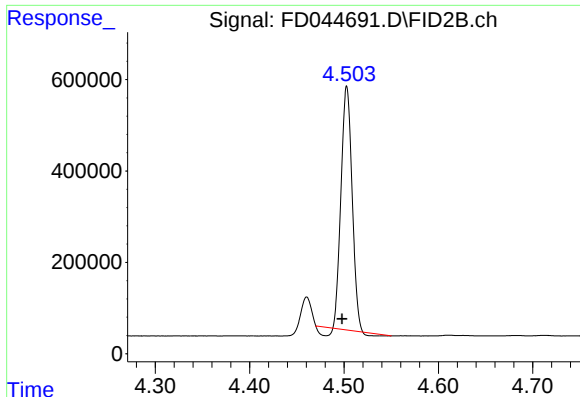
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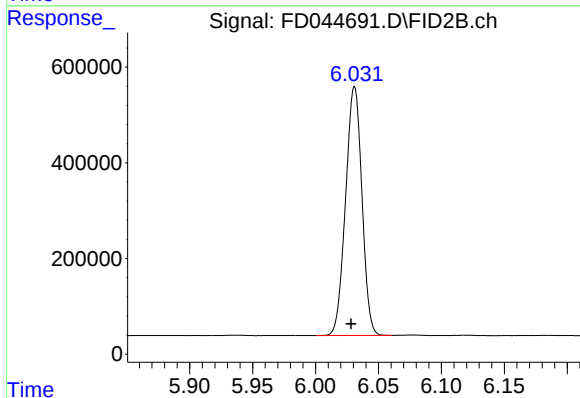




#1 1,2,3-Trimethylbenzene (C10.1)

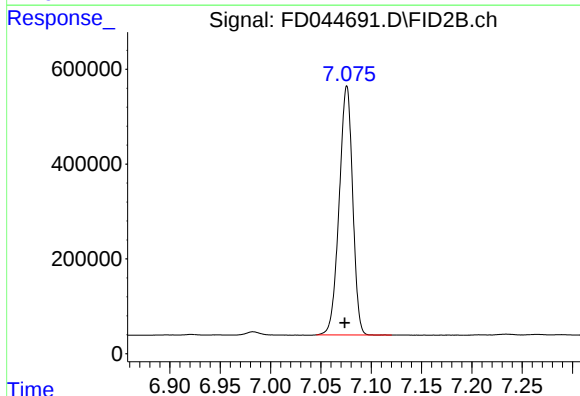
R.T.: 4.503 min
Delta R.T.: 0.005 min
Response: 4174774
Conc: 29.25 ug/ml

Instrument :
FID_D
ClientSampleId :



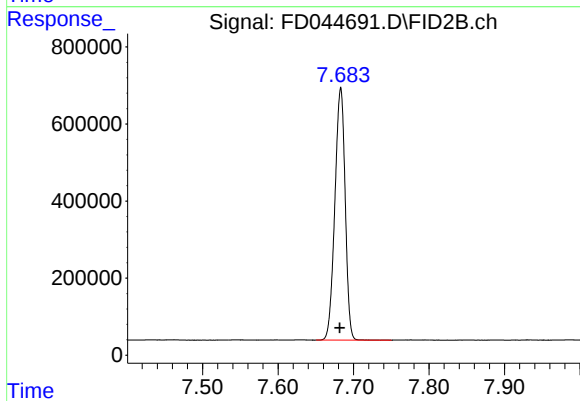
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 4701599
Conc: 31.27 ug/ml



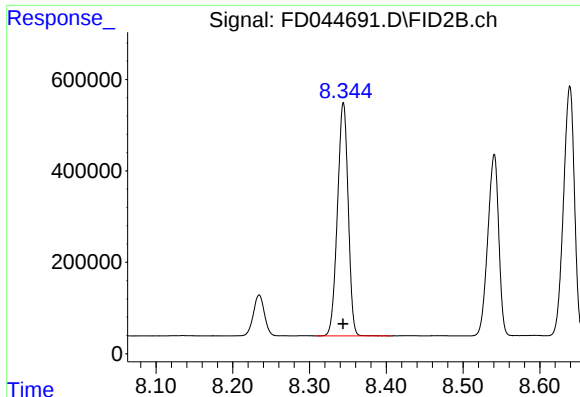
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 4901733
Conc: 32.44 ug/ml



#4 2-Bromonaphthalene (SURR)

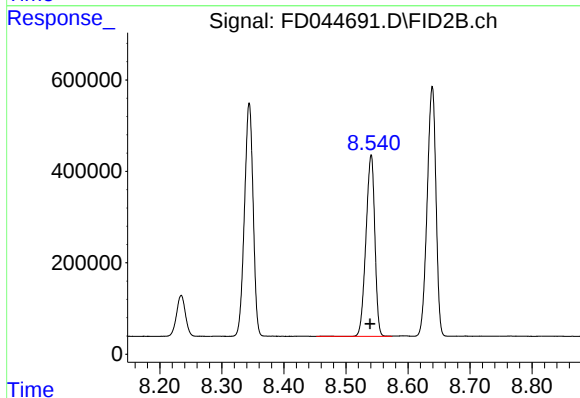
R.T.: 7.683 min
Delta R.T.: 0.001 min
Response: 6208174
Conc: 47.84 ug/ml



#5 Acenaphthylene (C15.06)

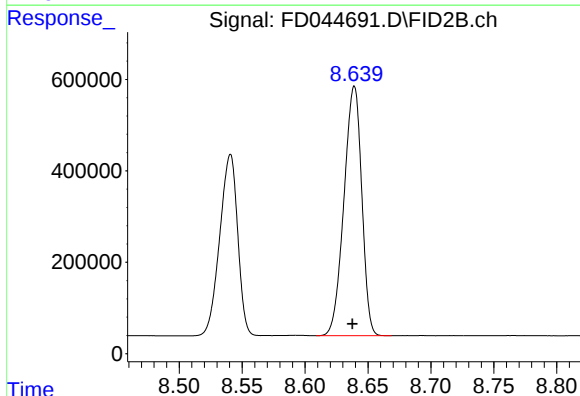
R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 4945454
Conc: 35.57 ug/ml

Instrument :
FID_D
ClientSampleId :



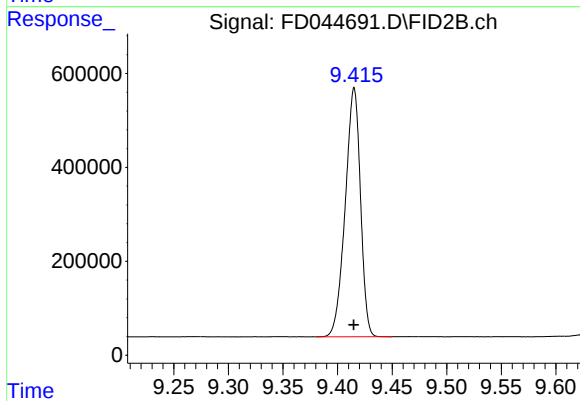
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min
Delta R.T.: 0.001 min
Response: 3950896
Conc: 44.74 ug/ml



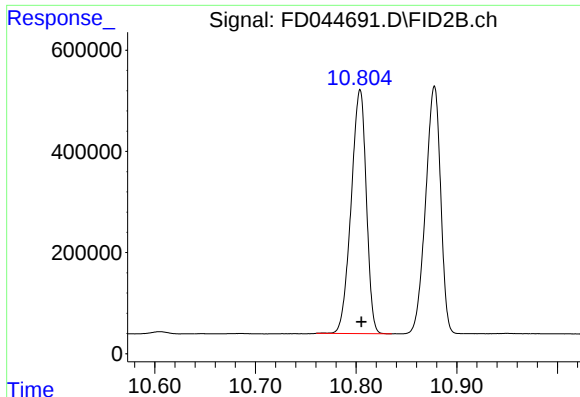
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 5376440
Conc: 36.64 ug/ml



#8 Flouorene (C16.55)

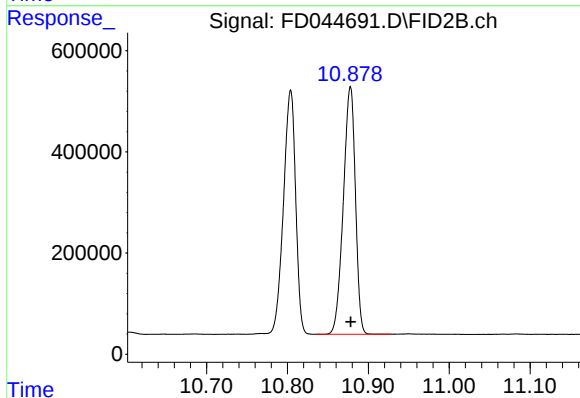
R.T.: 9.415 min
Delta R.T.: 0.000 min
Response: 5152731
Conc: 35.74 ug/ml



#9 Phenanthrene (C19.36)

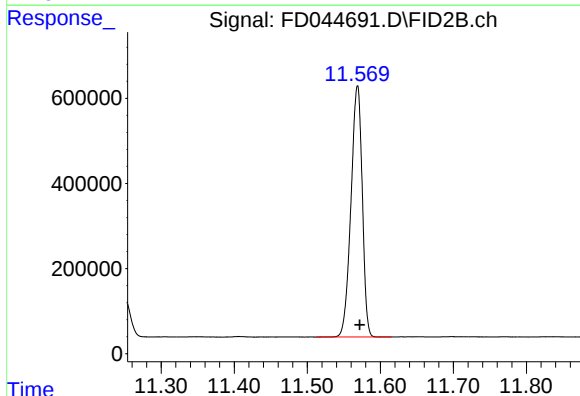
R.T.: 10.804 min
Delta R.T.: -0.002 min
Response: 5047940
Conc: 35.40 ug/ml

Instrument :
FID_D
ClientSampleId :



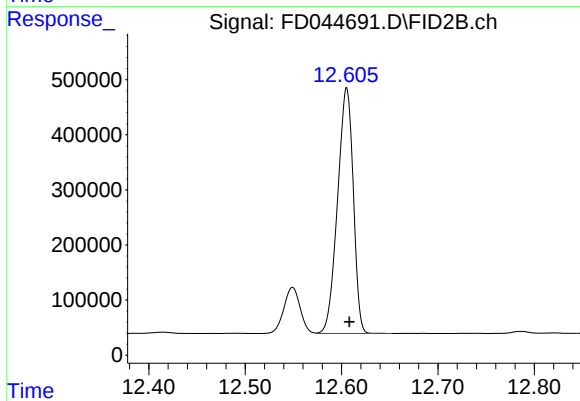
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 5075366
Conc: 36.53 ug/ml



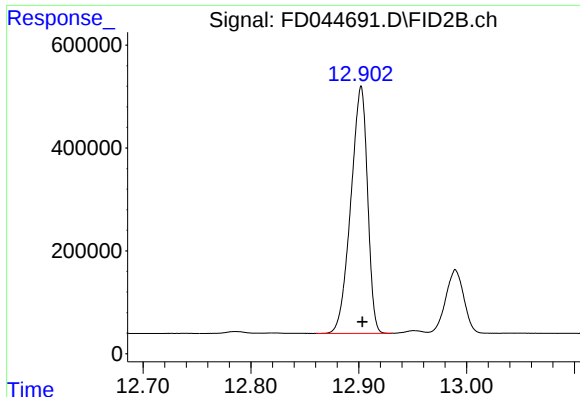
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.003 min
Response: 6337753
Conc: 38.94 ug/ml



#12 Fluoranthene (C21.85)

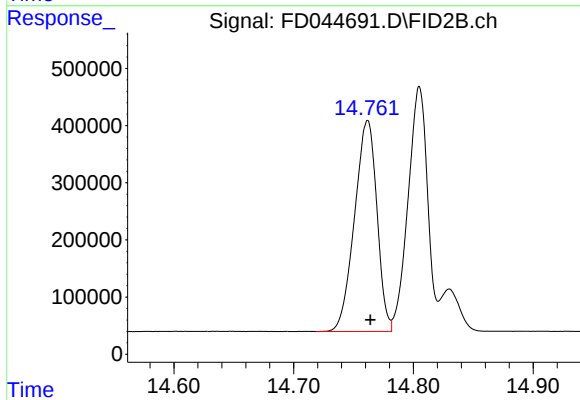
R.T.: 12.605 min
Delta R.T.: -0.003 min
Response: 5049938
Conc: 35.42 ug/ml



#13 Pyrene (C20.8)

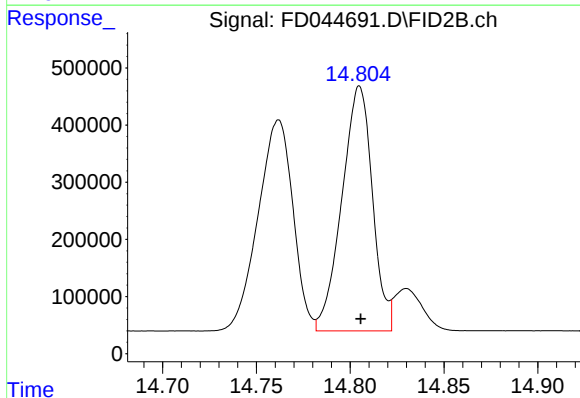
R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 5171671
Conc: 37.16 ug/ml

Instrument :
FID_D
ClientSampleId :



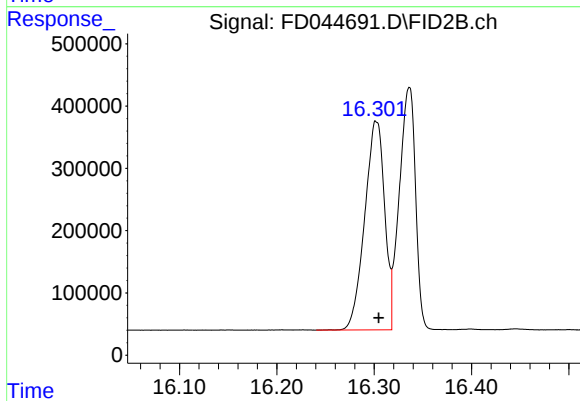
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: -0.003 min
Response: 4794184
Conc: 37.05 ug/ml



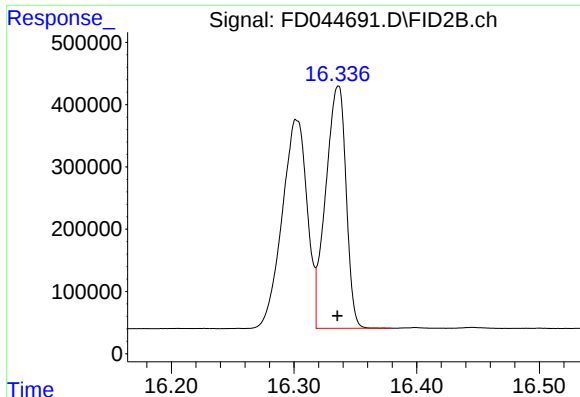
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 4860079
Conc: 36.05 ug/ml



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

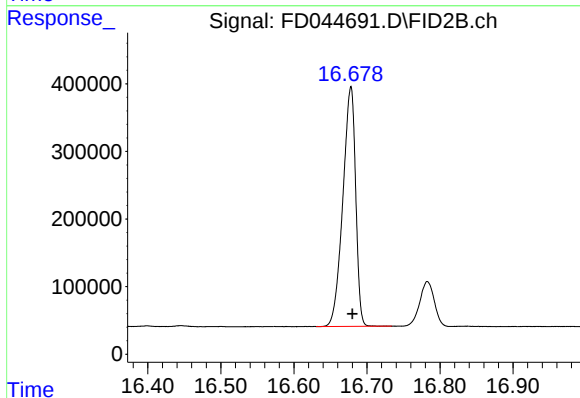
R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 4765104
Conc: 36.20 ug/ml



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

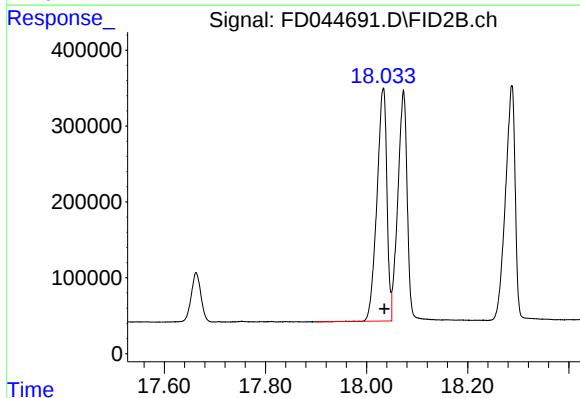
R.T.: 16.336 min
Delta R.T.: 0.000 min
Response: 4502093
Conc: 34.57 ug/ml

Instrument :
FID_D
ClientSampleId :



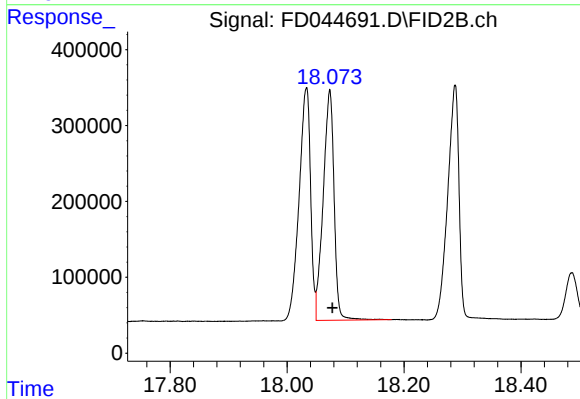
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.003 min
Response: 4319686
Conc: 33.42 ug/ml



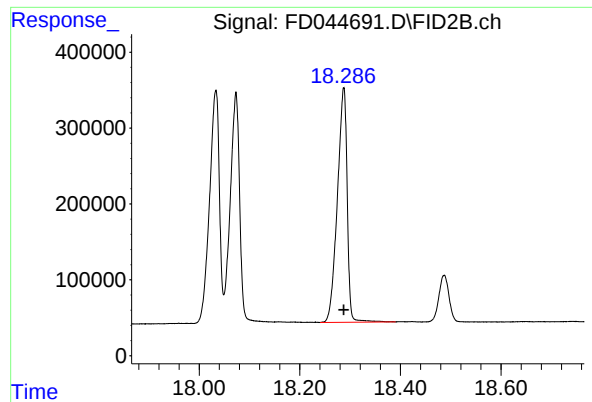
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 4182453
Conc: 32.82 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.005 min
Response: 3914667
Conc: 31.11 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.000 min
Response: 4183609
Conc: 32.53 ug/ml

Instrument :

FID_D

ClientSampleId :