

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044950.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2023 01:34
 Operator : YP/AJ
 Sample : 01285-02MSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 03:45:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.559	7108783	48.471 ug/ml
Spiked Amount 50.000		Recovery =	96.94%
6) S 2-Fluorobiphenyl (SURR)	8.416	4561427	45.700 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.40%
11) S ortho-Terphenyl (SURR)	11.457	6500048	34.973 ug/ml
Spiked Amount 50.000		Recovery =	69.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	5448632	34.133 ug/ml
2) T Naphthalene (C11.7)	5.898	6268718	36.998 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	6324608	36.866 ug/ml
5) T Acenaphthylene (C15.06)	8.220	6942422	44.180 ug/ml
7) T Acenaphthene (C15.5)	8.517	7065366	42.494 ug/ml
8) T Fluorene (C16.55)	9.295	7245005	44.140 ug/ml
9) T Phenanthrene (C19.36)	10.687	7513063	46.468 ug/ml
10) T Anthracene (C19.43)	10.763	7465720	50.360 ug/ml
12) T Fluoranthene (C21.85)	12.495	7674564	47.953 ug/ml
13) T Pyrene (C20.8)	12.791	7623248	48.582 ug/ml
14) T Benzo[a]anthracene (C...	14.656	7209042	50.510 ug/ml
15) T Chrysene (C27.41)	14.701	7136365	48.198 ug/ml
16) T benzo[b]fluoranthene ...	16.200	7124258	49.109 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6738446	47.263 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	6296506	45.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	6733058	50.034 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	6486697	48.949 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	6538050	48.086 ug/ml

(f)=RT Delta > 1/2 Window

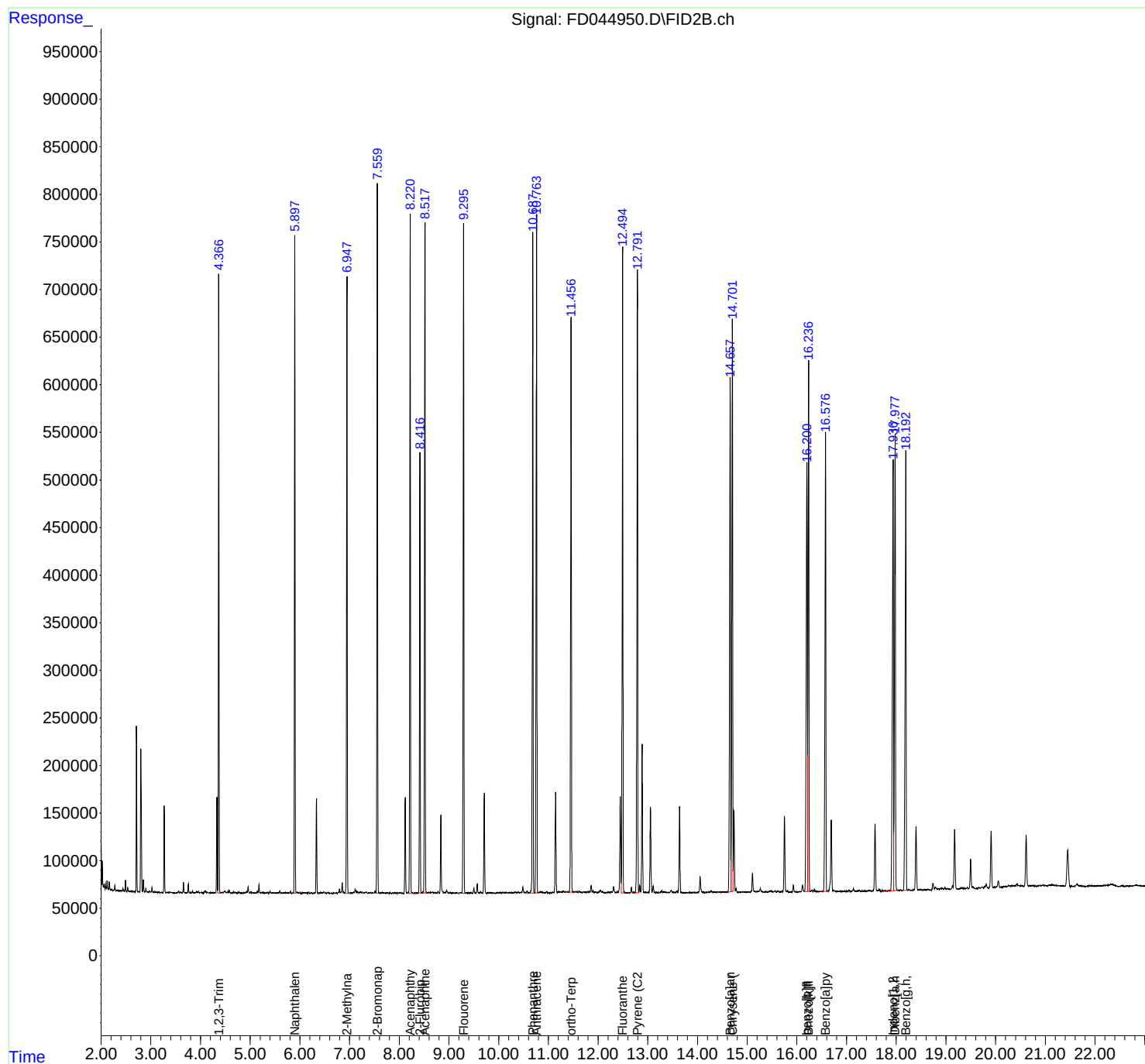
(m)=manual int.

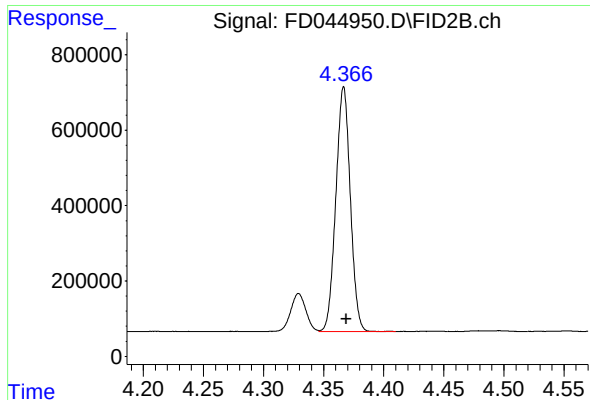
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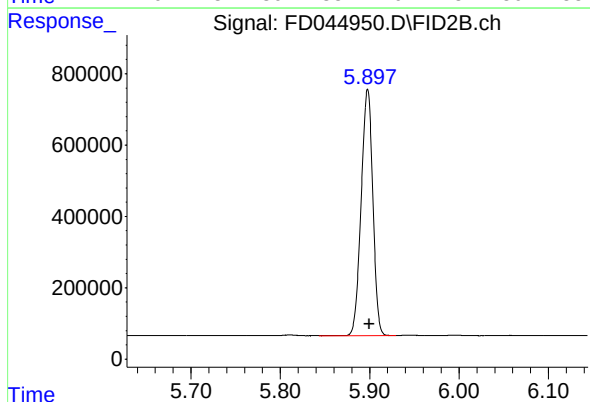




#1 1,2,3-Trimethylbenzene (C10.1)

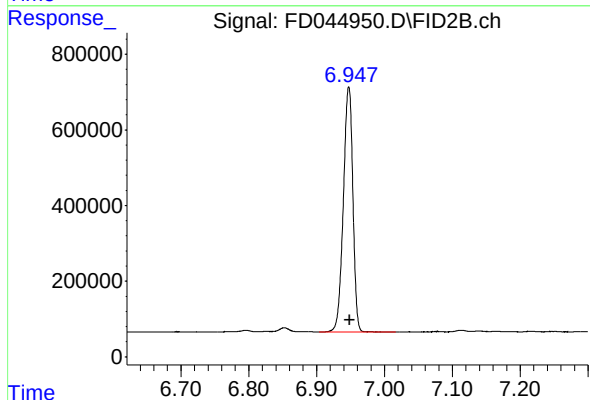
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 5448632
Conc: 34.13 ug/ml

Instrument :
FID_D
ClientSampleId :



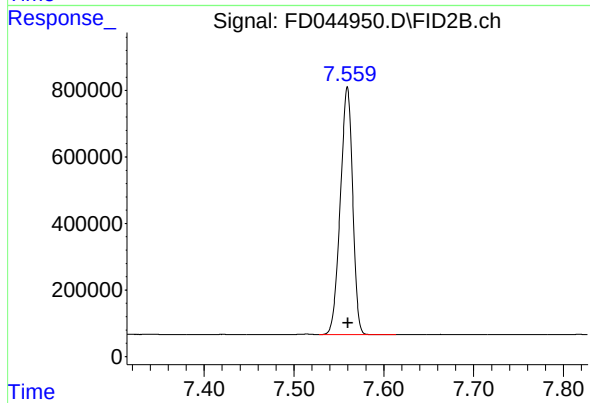
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 6268718
Conc: 37.00 ug/ml



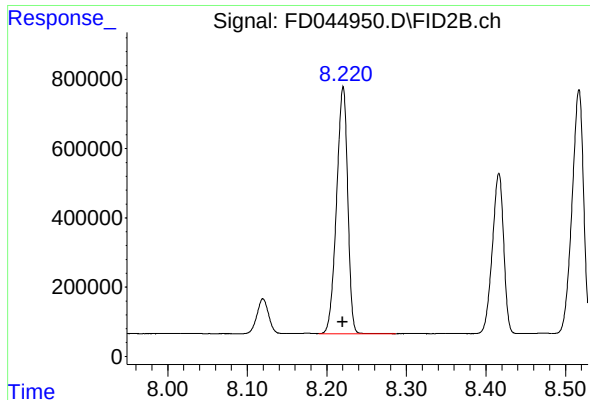
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 6324608
Conc: 36.87 ug/ml



#4 2-Bromonaphthalene (SURR)

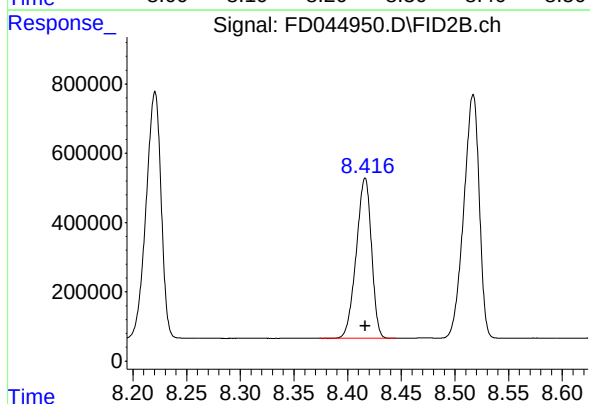
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 7108783
Conc: 48.47 ug/ml



#5 Acenaphthylene (C15.06)

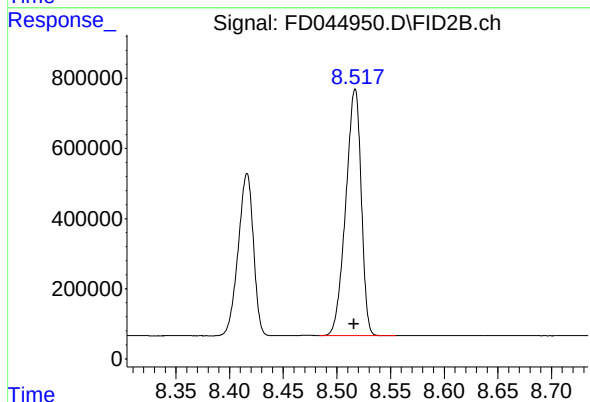
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 6942422
Conc: 44.18 ug/ml

Instrument :
FID_D
ClientSampleId :



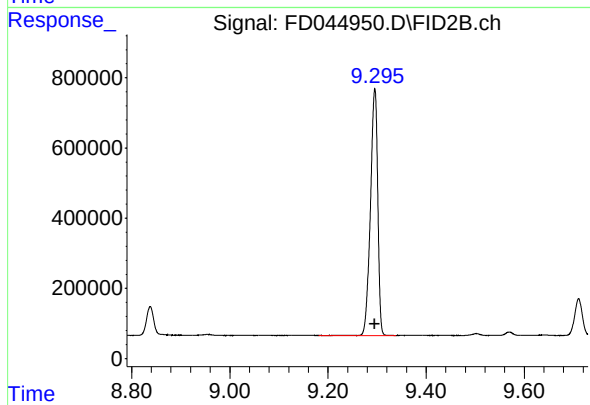
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 4561427
Conc: 45.70 ug/ml



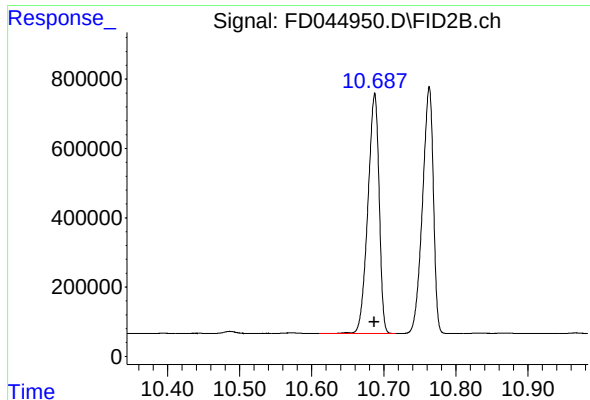
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 7065366
Conc: 42.49 ug/ml



#8 Flouorene (C16.55)

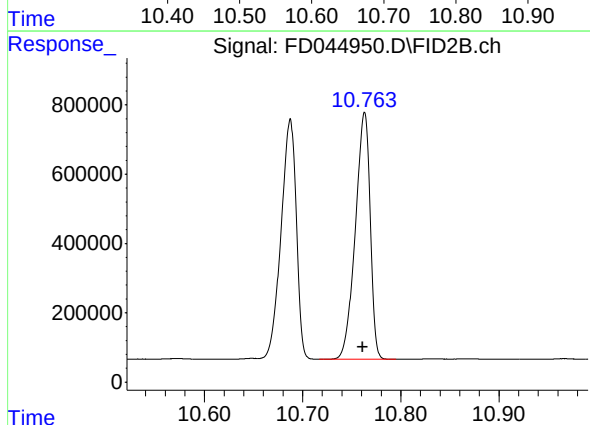
R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 7245005
Conc: 44.14 ug/ml



#9 Phenanthrene (C19.36)

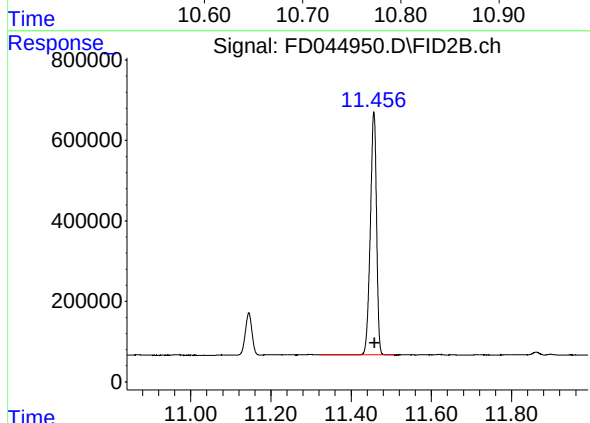
R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 7513063
Conc: 46.47 ug/ml

Instrument :
FID_D
ClientSampleId :



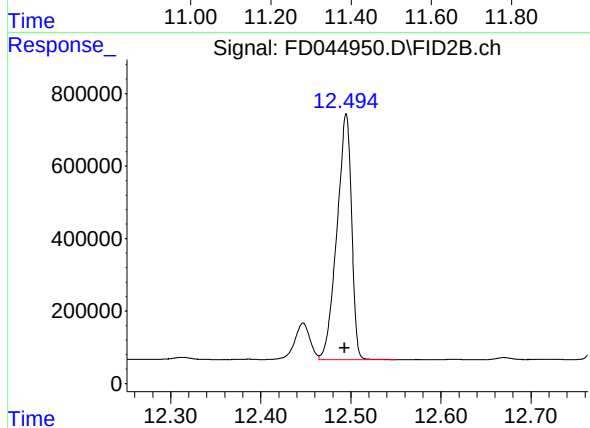
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.002 min
Response: 7465720
Conc: 50.36 ug/ml



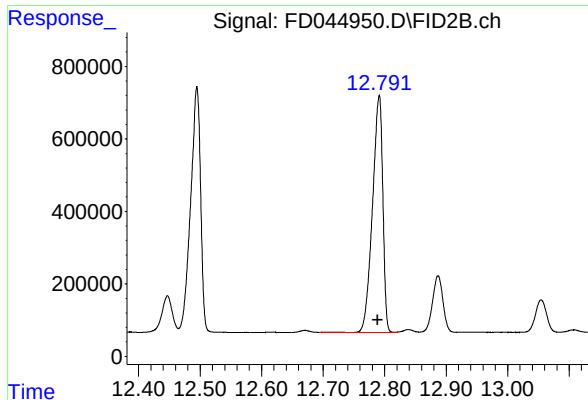
#11 ortho-Terphenyl (SURRE)

R.T.: 11.457 min
Delta R.T.: -0.003 min
Response: 6500048
Conc: 34.97 ug/ml



#12 Fluoranthene (C21.85)

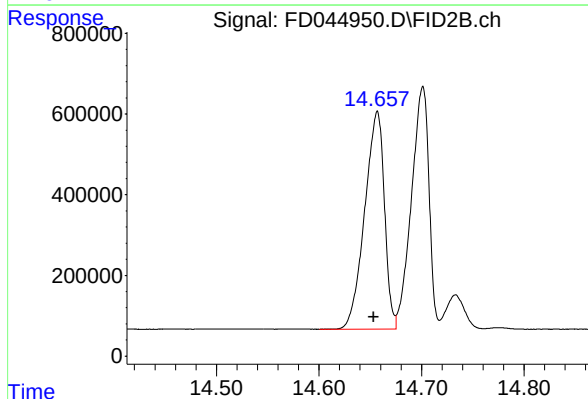
R.T.: 12.495 min
Delta R.T.: 0.001 min
Response: 7674564
Conc: 47.95 ug/ml



#13 Pyrene (C20.8)

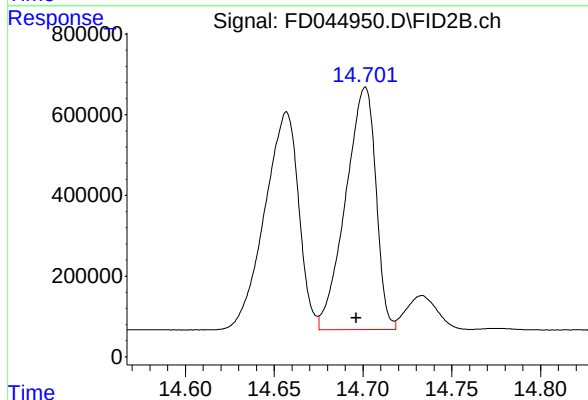
R.T.: 12.791 min
Delta R.T.: 0.002 min
Response: 7623248
Conc: 48.58 ug/ml

Instrument :
FID_D
ClientSampleId :



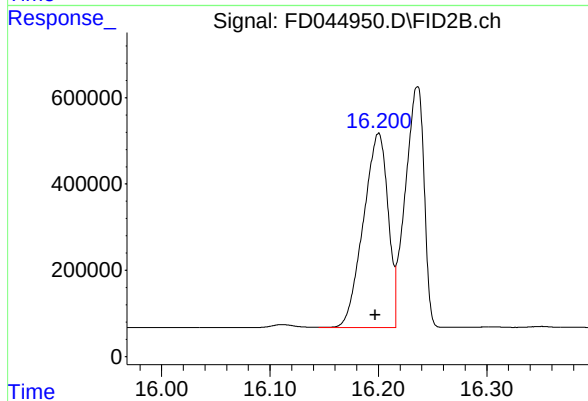
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.656 min
Delta R.T.: 0.003 min
Response: 7209042
Conc: 50.51 ug/ml



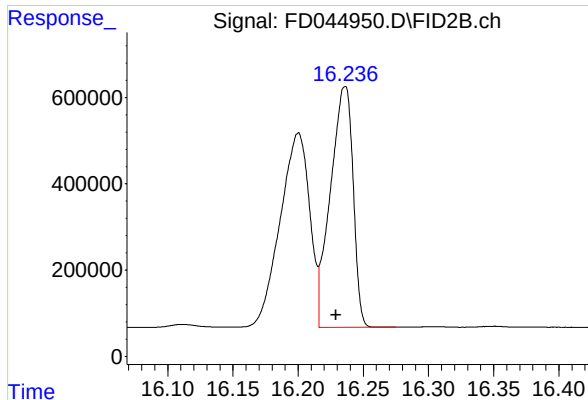
#15 Chrysene (C27.41)

R.T.: 14.701 min
Delta R.T.: 0.005 min
Response: 7136365
Conc: 48.20 ug/ml



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

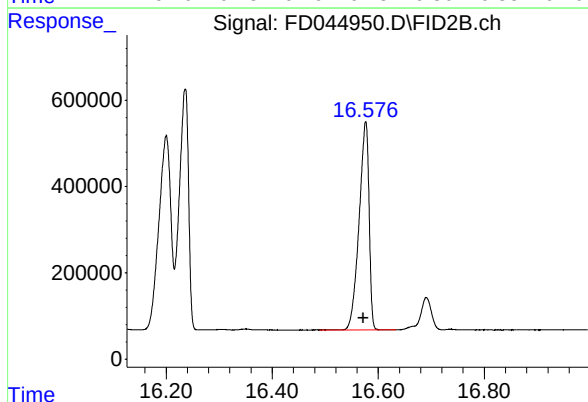
R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 7124258
Conc: 49.11 ug/ml



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

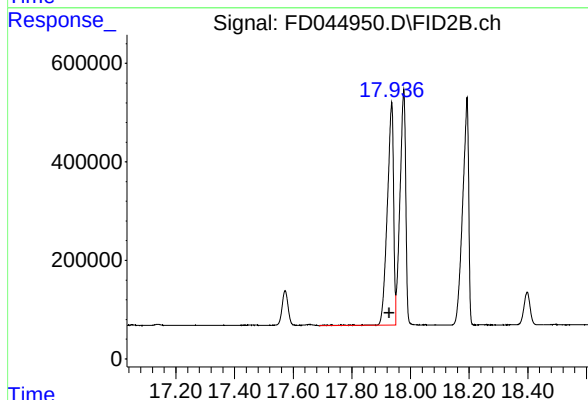
R.T.: 16.235 min
Delta R.T.: 0.006 min
Response: 6738446
Conc: 47.26 ug/ml

Instrument :
FID_D
ClientSampleId :



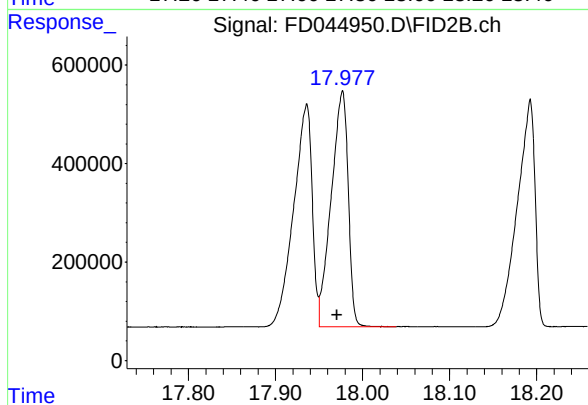
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.004 min
Response: 6296506
Conc: 45.06 ug/ml



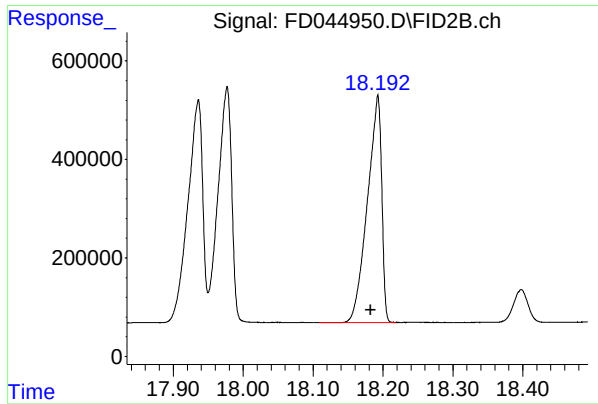
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.007 min
Response: 6733058
Conc: 50.03 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.006 min
Response: 6486697
Conc: 48.95 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.010 min
Response: 6538050
Conc: 48.09 ug/ml

Instrument :
FID_D
ClientSampleId :