

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046816.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 17:59
 Operator : YP/AJ
 Sample : PB156826BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 23:50:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.486	8184457	44.877 ug/ml
Spiked Amount 50.000		Recovery =	89.75%
6) S 2-Fluorobiphenyl (SURR)	8.340	5212408	44.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.58%
11) S ortho-Terphenyl (SURR)	11.377	8033276	37.936 ug/ml
Spiked Amount 50.000		Recovery =	75.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	8242877	42.682 ug/ml
2) T Naphthalene (C11.7)	5.826	9327370	46.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	9480690	47.171 ug/ml
5) T Acenaphthylene (C15.06)	8.144	9698116	52.728 ug/ml
7) T Acenaphthene (C15.5)	8.441	10159369	51.864 ug/ml
8) T Flouorene (C16.55)	9.220	10440896	56.447 ug/ml
9) T Phenanthrene (C19.36)	10.610	10853397	61.007 ug/ml
10) T Anthracene (C19.43)	10.686	10654644	62.521 ug/ml
12) T Fluoranthene (C21.85)	12.415	11237473	65.066 ug/ml
13) T Pyrene (C20.8)	12.709	11252186	67.671 ug/ml
14) T Benzo[a]anthracene (C...	14.574	10114219	71.889 ug/ml
15) T Chrysene (C27.41)	14.619	10152676	65.100 ug/ml
16) T benzo[b]fluoranthene ...	16.117	9909809	69.239 ug/ml
17) T Bnezo[k]fluoranthene ...	16.153	9727783	66.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	8848402	63.127 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	9032200	71.498 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	8175599	58.522 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	8768249	62.799 ug/ml

(f)=RT Delta > 1/2 Window

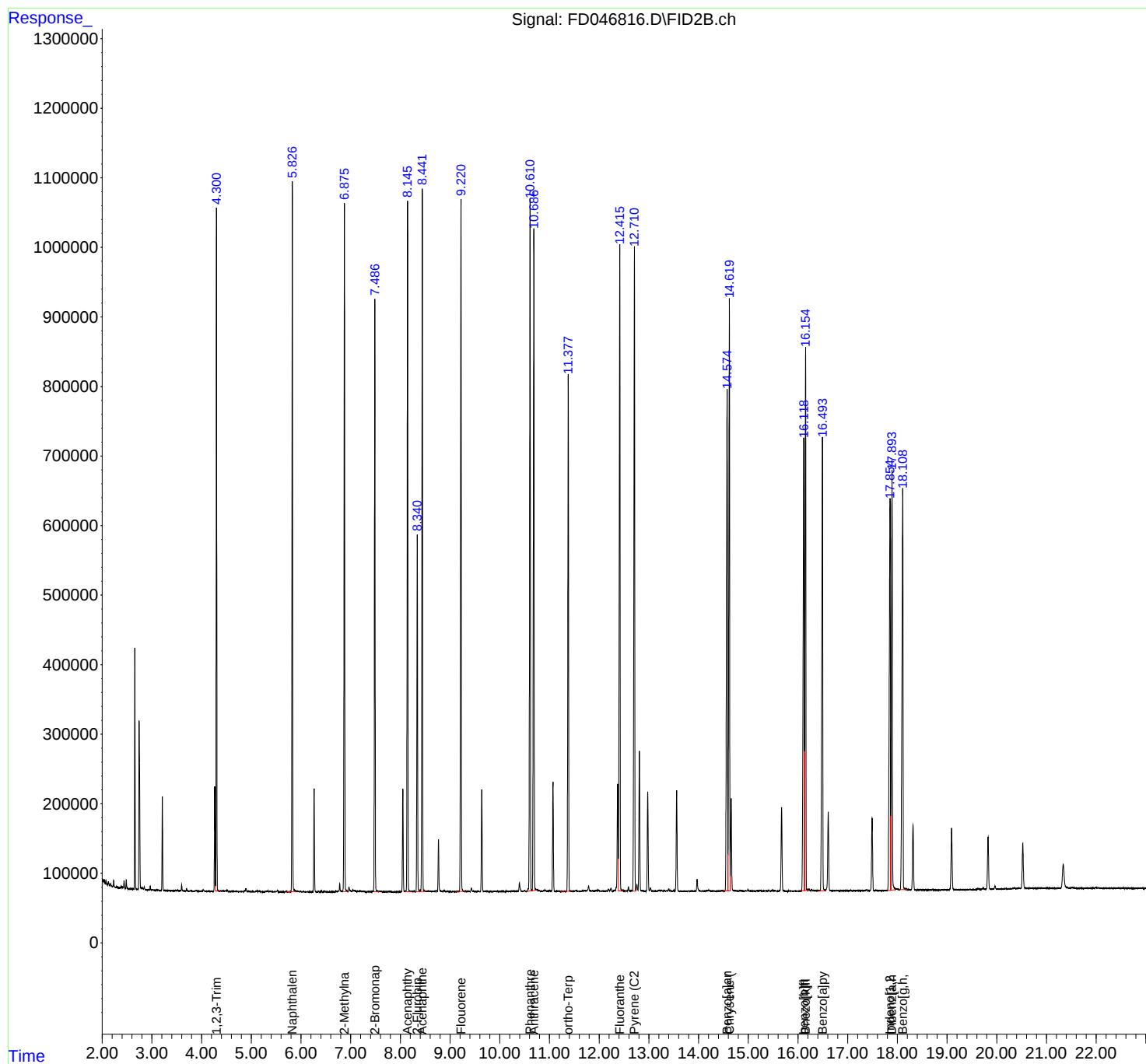
(m)=manual int.

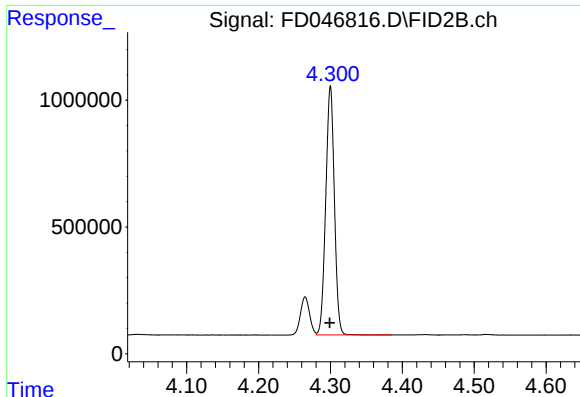
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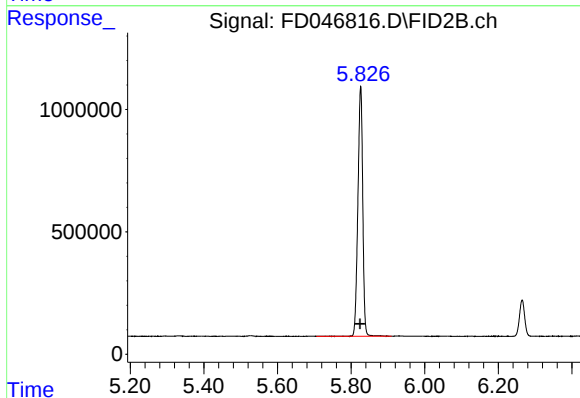




#1 1,2,3-Trimethylbenzene (C10.1)

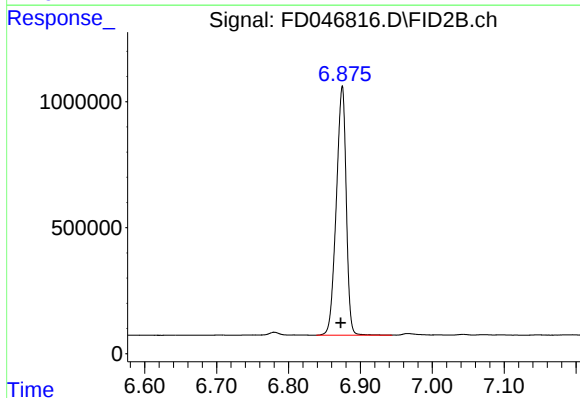
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 8242877
Conc: 42.68 ug/ml

Instrument :
FID_D
ClientSampleId :



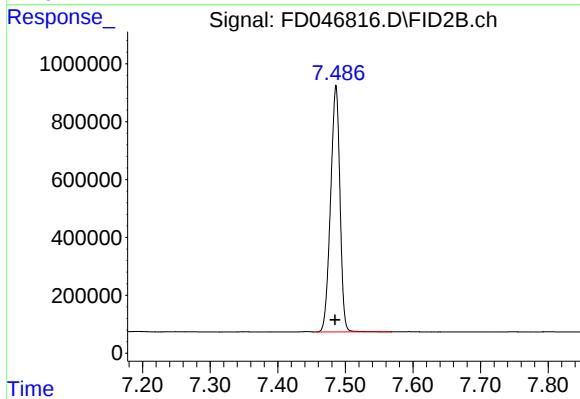
#2 Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 9327370
Conc: 46.58 ug/ml



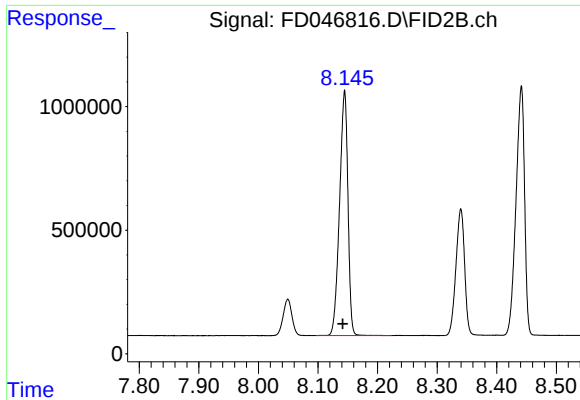
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 9480690
Conc: 47.17 ug/ml



#4 2-Bromonaphthalene (SURR)

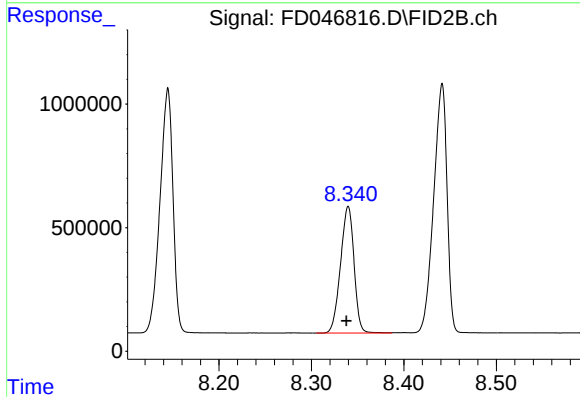
R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 8184457
Conc: 44.88 ug/ml



#5 Acenaphthylene (C15.06)

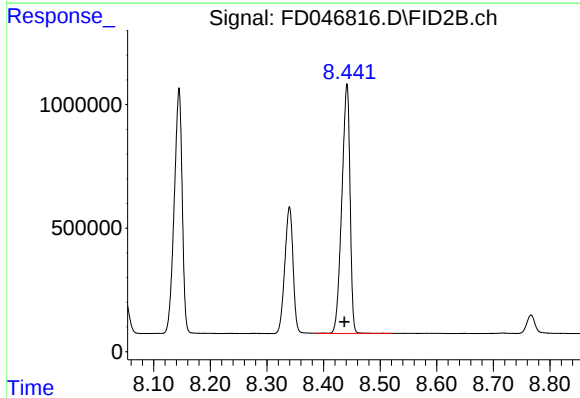
R.T.: 8.144 min
Delta R.T.: 0.003 min
Response: 9698116
Conc: 52.73 ug/ml

Instrument :
FID_D
ClientSampleId :



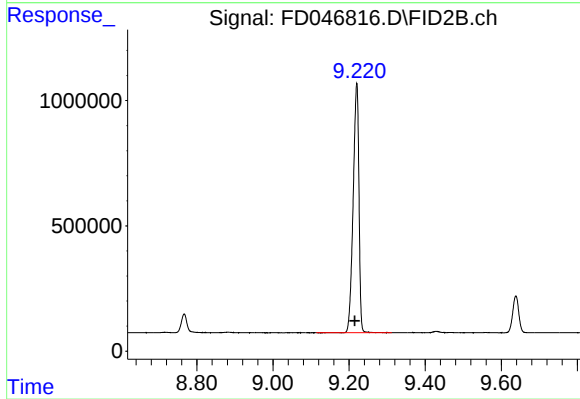
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: 0.002 min
Response: 5212408
Conc: 44.29 ug/ml



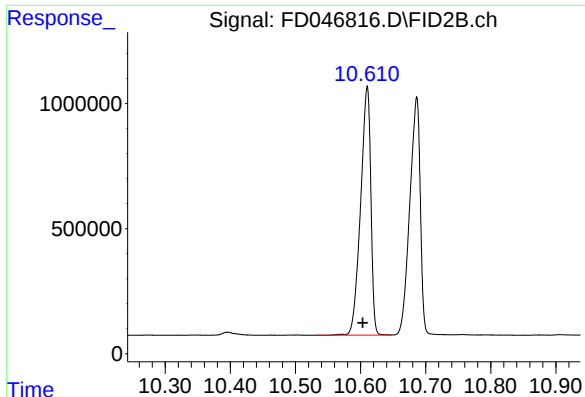
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: 0.004 min
Response: 10159369
Conc: 51.86 ug/ml



#8 Fluorene (C16.55)

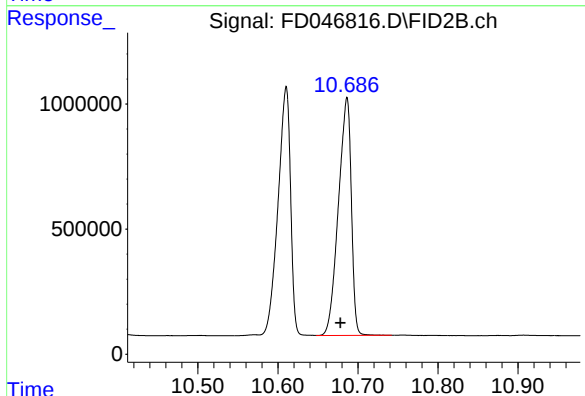
R.T.: 9.220 min
Delta R.T.: 0.005 min
Response: 10440896
Conc: 56.45 ug/ml



#9 Phenanthrene (C19.36)

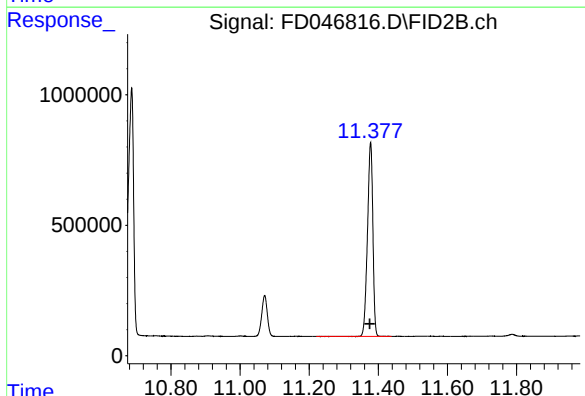
R.T.: 10.610 min
Delta R.T.: 0.006 min
Response: 10853397
Conc: 61.01 ug/ml

Instrument :
FID_D
ClientSampleId :



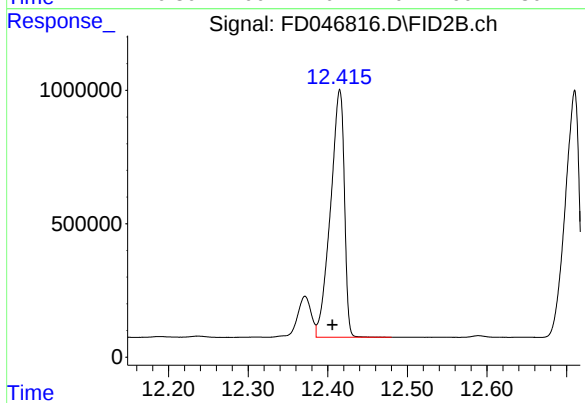
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: 0.008 min
Response: 10654644
Conc: 62.52 ug/ml



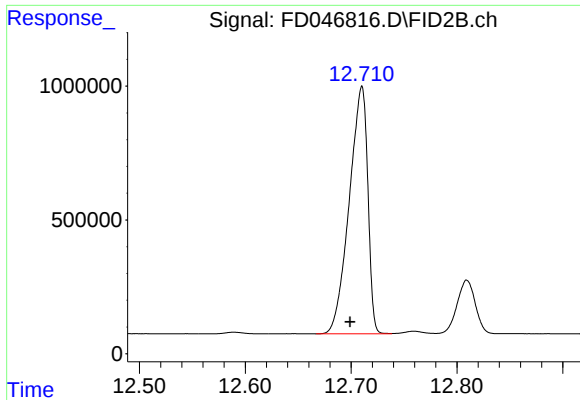
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.002 min
Response: 8033276
Conc: 37.94 ug/ml



#12 Fluoranthene (C21.85)

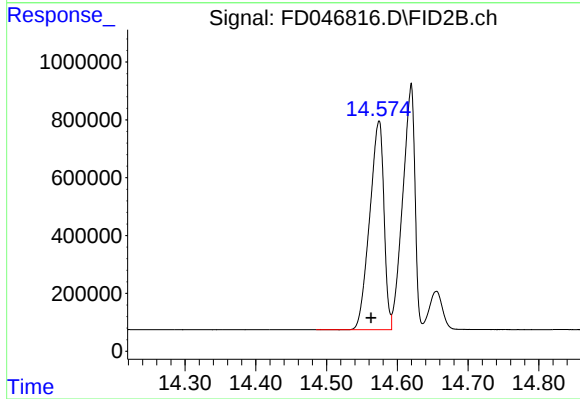
R.T.: 12.415 min
Delta R.T.: 0.009 min
Response: 11237473
Conc: 65.07 ug/ml



#13 Pyrene (C20.8)

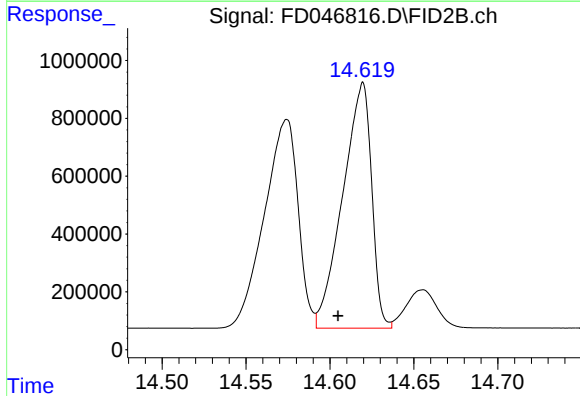
R.T.: 12.709 min
Delta R.T.: 0.010 min
Response: 11252186
Conc: 67.67 ug/ml

Instrument :
FID_D
ClientSampleId :



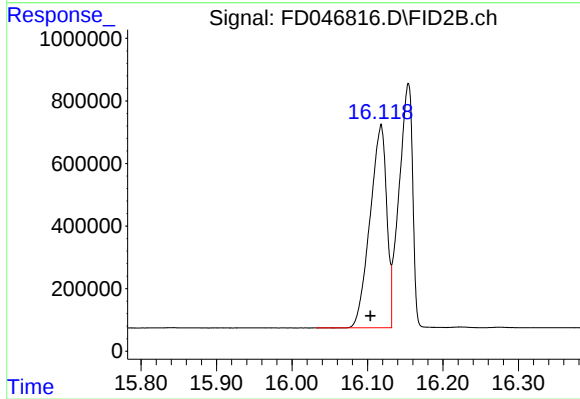
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: 0.011 min
Response: 10114219
Conc: 71.89 ug/ml



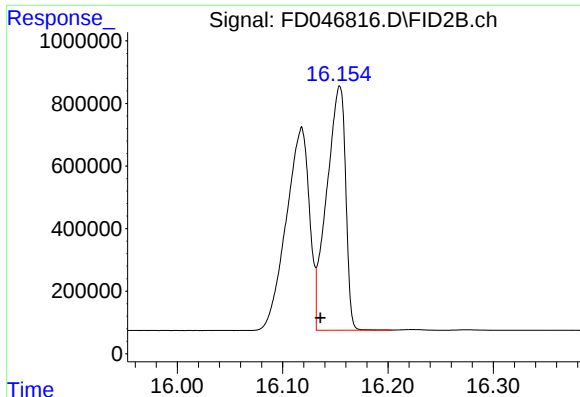
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: 0.014 min
Response: 10152676
Conc: 65.10 ug/ml



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

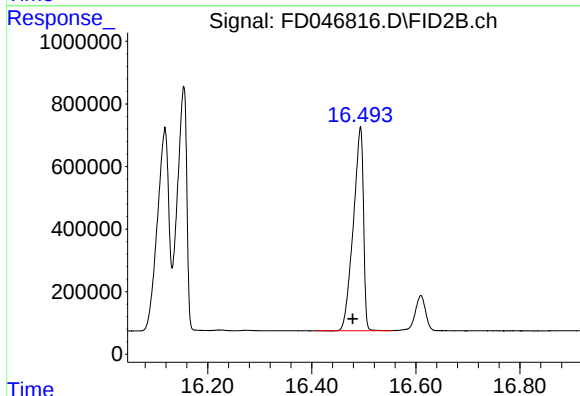
R.T.: 16.117 min
Delta R.T.: 0.013 min
Response: 9909809
Conc: 69.24 ug/ml



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

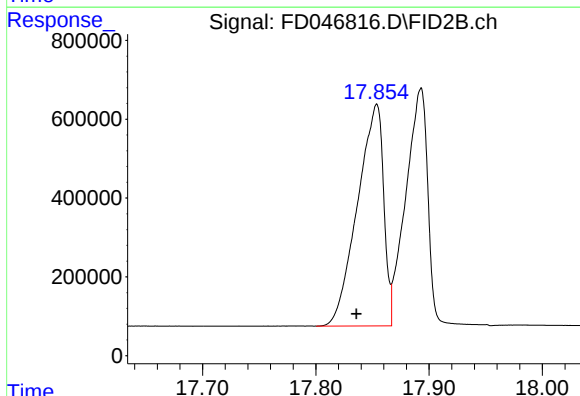
R.T.: 16.153 min
Delta R.T.: 0.018 min
Response: 9727783
Conc: 66.44 ug/ml

Instrument :
FID_D
ClientSampleId :



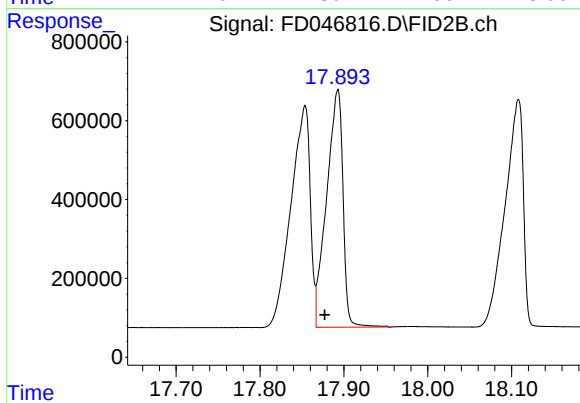
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: 0.014 min
Response: 8848402
Conc: 63.13 ug/ml



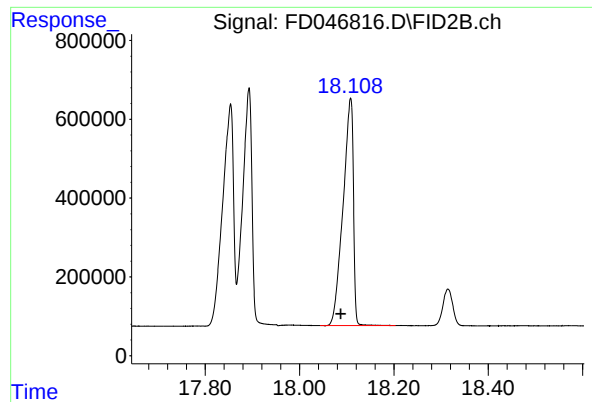
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: 0.017 min
Response: 9032200
Conc: 71.50 ug/ml



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

R.T.: 17.892 min
Delta R.T.: 0.015 min
Response: 8175599
Conc: 58.52 ug/ml



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

R.T.: 18.107 min
Delta R.T.: 0.020 min
Response: 8768249
Conc: 62.80 ug/ml

Instrument :

FID_D

ClientSampleId :