

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040423AR\
 Data File : FD045398.D
 Signal(s) : FID2B.ch
 Acq On : 04 Apr 2023 18:07
 Operator : YP/AJ
 Sample : PB151899BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 05 01:30:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.549	5845886	42.668 ug/ml
Spiked Amount 50.000		Recovery =	85.34%
6) S 2-Fluorobiphenyl (SURR)	8.405	3788518	42.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.52%
11) S ortho-Terphenyl (SURR)	11.445	6332495	36.397 ug/ml
Spiked Amount 50.000		Recovery =	72.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	4608096	29.580 ug/ml
2) T Naphthalene (C11.7)	5.887	5195386	32.328 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	5115464	31.956 ug/ml
5) T Acenaphthylene (C15.06)	8.208	5529075	37.763 ug/ml
7) T Acenaphthene (C15.5)	8.505	5842091	37.665 ug/ml
8) T Fluorene (C16.55)	9.283	5713607	38.530 ug/ml
9) T Phenanthrene (C19.36)	10.675	5821146	40.186 ug/ml
10) T Anthracene (C19.43)	10.750	5704913	41.273 ug/ml
12) T Fluoranthene (C21.85)	12.480	5874491	40.832 ug/ml
13) T Pyrene (C20.8)	12.776	5876973	41.799 ug/ml
14) T Benzo[a]anthracene (C...	14.640	5374211	41.906 ug/ml
15) T Chrysene (C27.41)	14.683	5272145	39.759 ug/ml
16) T benzo[b]fluoranthene ...	16.183	5449201	41.948 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	5202642	41.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	4749860	37.779 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	4484409	37.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	4483572	37.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	4910855	39.315 ug/ml

(f)=RT Delta > 1/2 Window

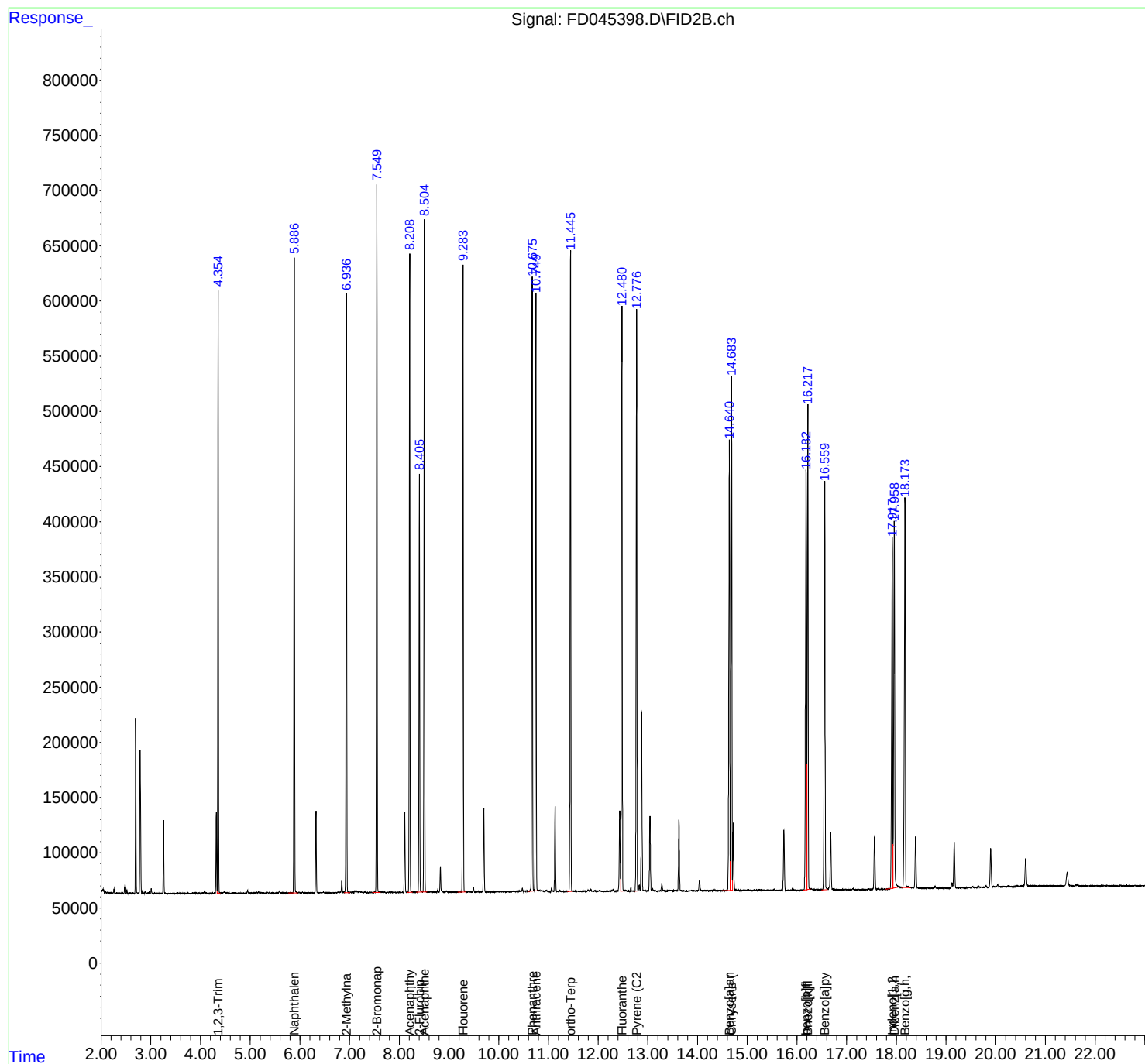
(m)=manual int.

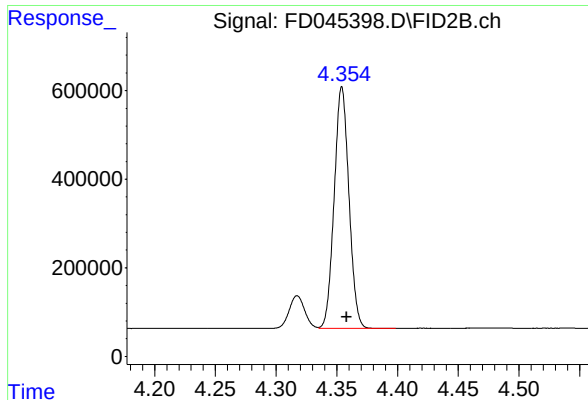
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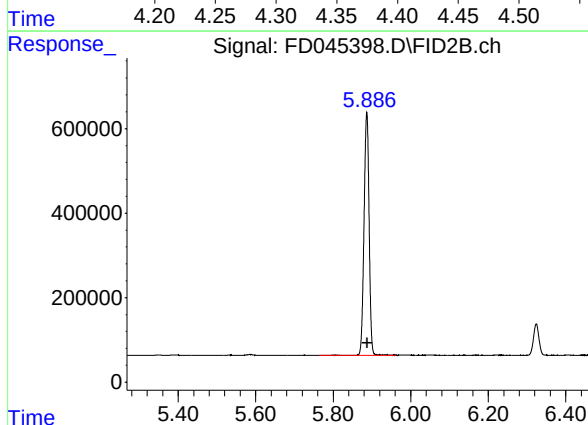




#1 1,2,3-Trimethylbenzene (C10.1)

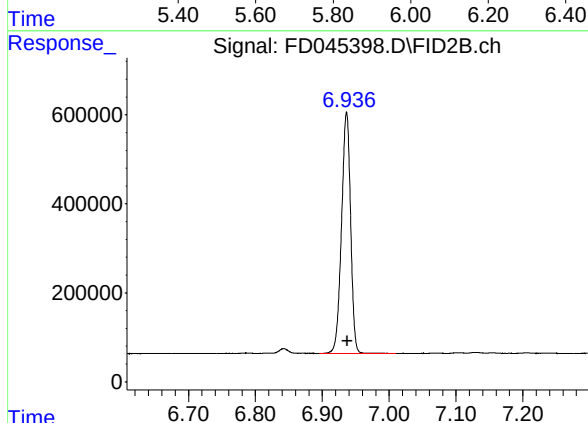
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 4608096
Conc: 29.58 ug/ml

Instrument :
FID_D
ClientSampleId :



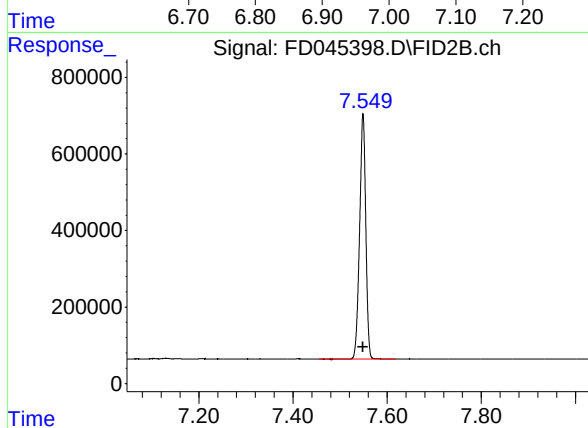
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 5195386
Conc: 32.33 ug/ml



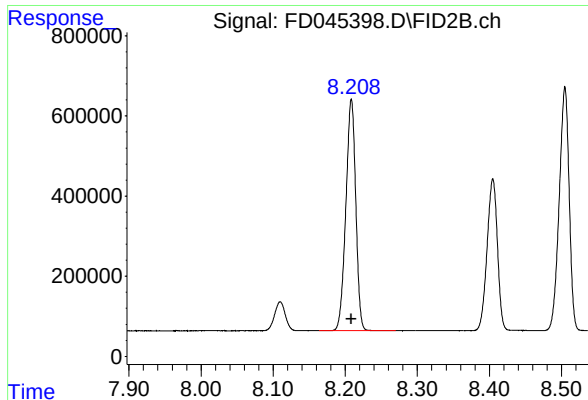
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 5115464
Conc: 31.96 ug/ml



#4 2-Bromonaphthalene (SURR)

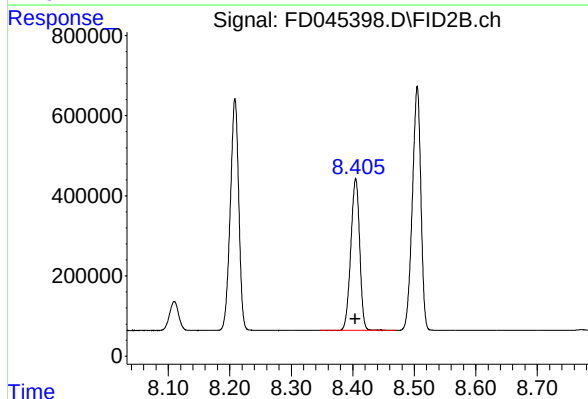
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 5845886
Conc: 42.67 ug/ml



#5 Acenaphthylene (C15.06)

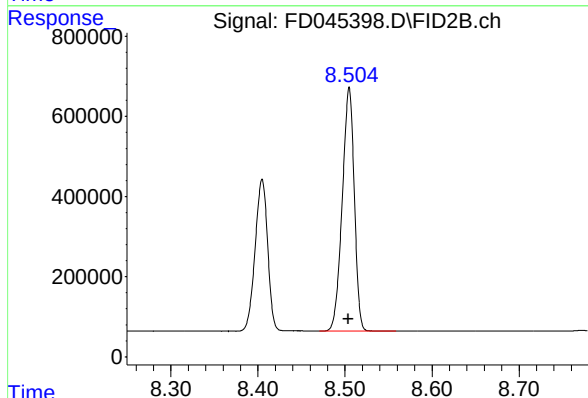
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 5529075
Conc: 37.76 ug/ml

Instrument :
FID_D
ClientSampleId :



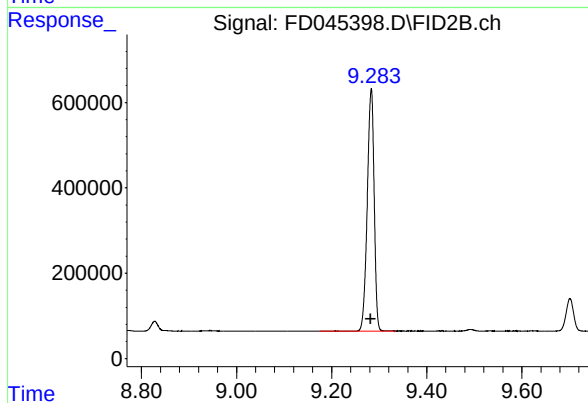
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3788518
Conc: 42.26 ug/ml



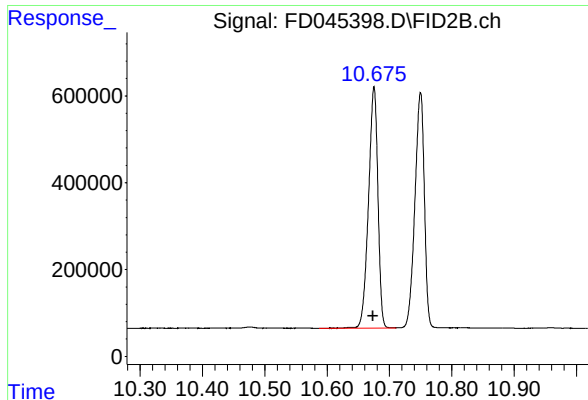
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: 0.001 min
Response: 5842091
Conc: 37.67 ug/ml



#8 Flouorene (C16.55)

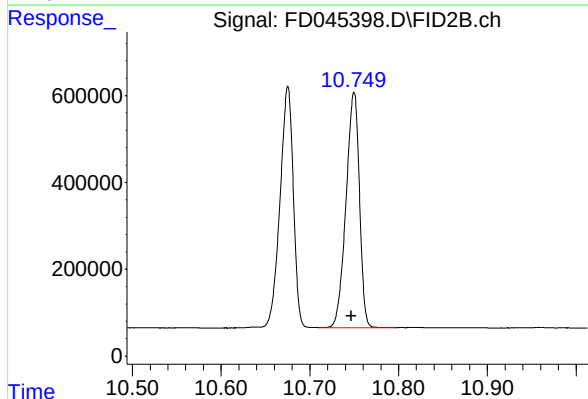
R.T.: 9.283 min
Delta R.T.: 0.001 min
Response: 5713607
Conc: 38.53 ug/ml



#9 Phenanthrene (C19.36)

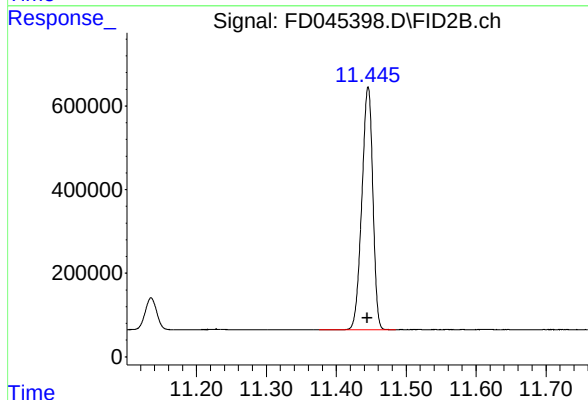
R.T.: 10.675 min
Delta R.T.: 0.002 min
Response: 5821146
Conc: 40.19 ug/ml

Instrument :
FID_D
ClientSampleId :



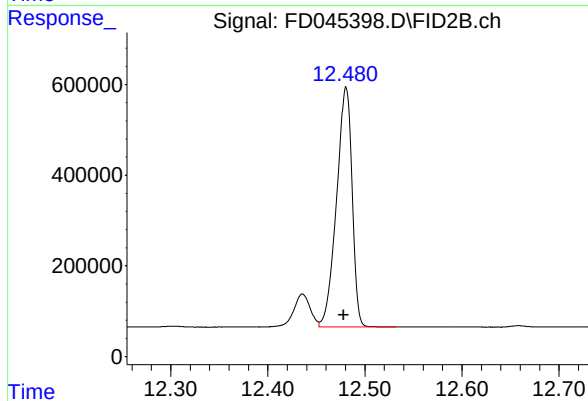
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.003 min
Response: 5704913
Conc: 41.27 ug/ml



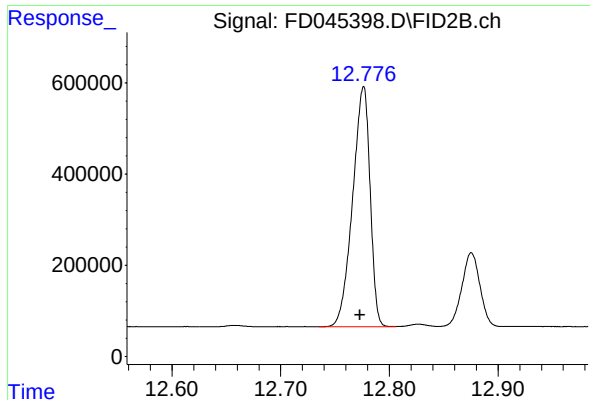
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 6332495
Conc: 36.40 ug/ml



#12 Fluoranthene (C21.85)

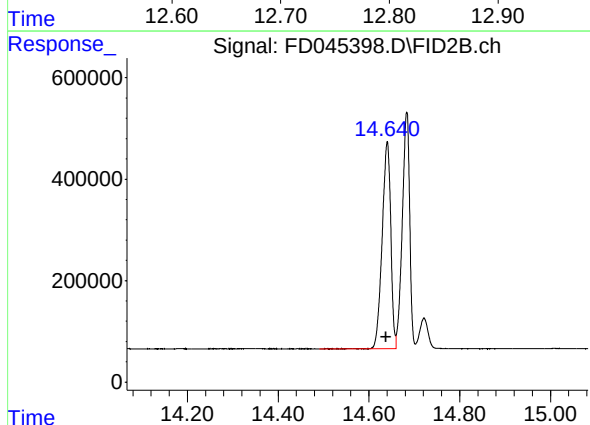
R.T.: 12.480 min
Delta R.T.: 0.002 min
Response: 5874491
Conc: 40.83 ug/ml



#13 Pyrene (C20.8)

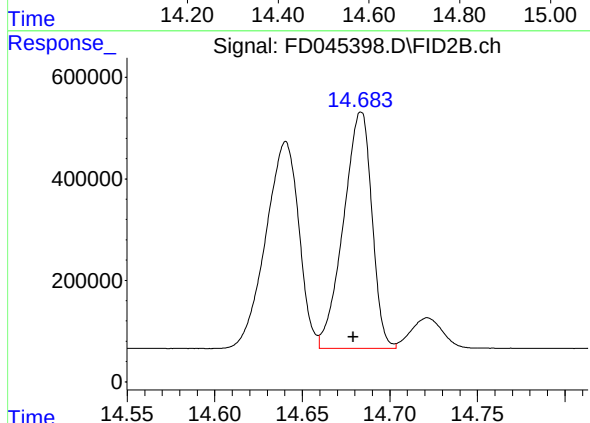
R.T.: 12.776 min
Delta R.T.: 0.003 min
Response: 5876973
Conc: 41.80 ug/ml

Instrument :
FID_D
ClientSampleId :



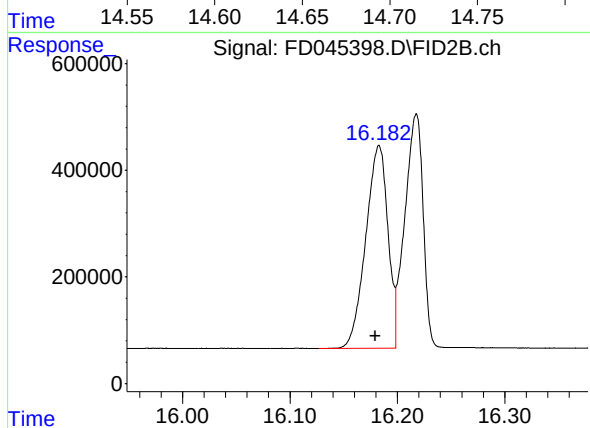
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.002 min
Response: 5374211
Conc: 41.91 ug/ml



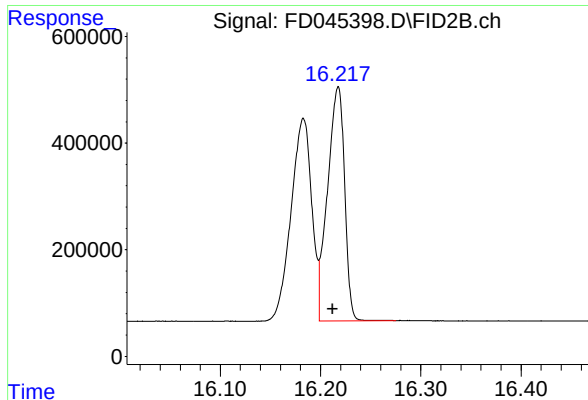
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.004 min
Response: 5272145
Conc: 39.76 ug/ml



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

R.T.: 16.183 min
Delta R.T.: 0.003 min
Response: 5449201
Conc: 41.95 ug/ml



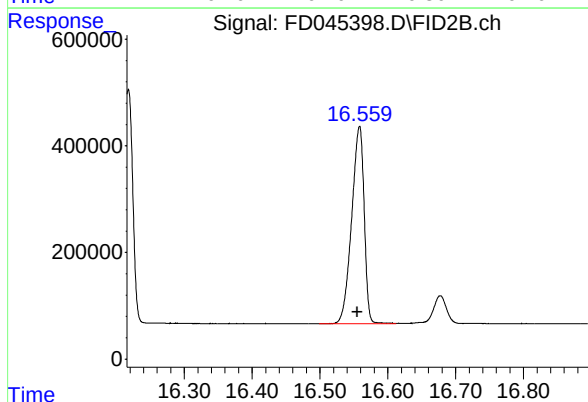
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.005 min
Response: 5202642
Conc: 41.08 ug/ml

Instrument :

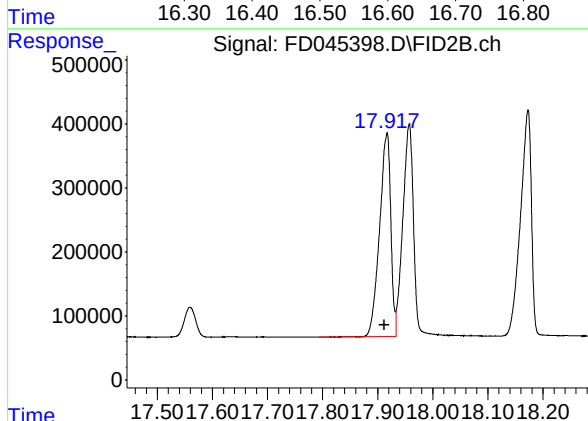
FID_D

ClientSampleId :



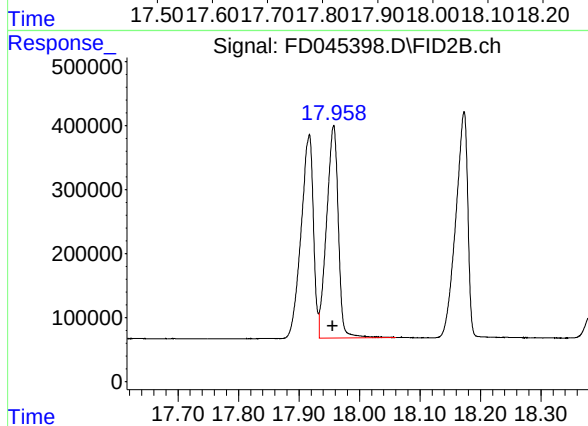
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.003 min
Response: 4749860
Conc: 37.78 ug/ml



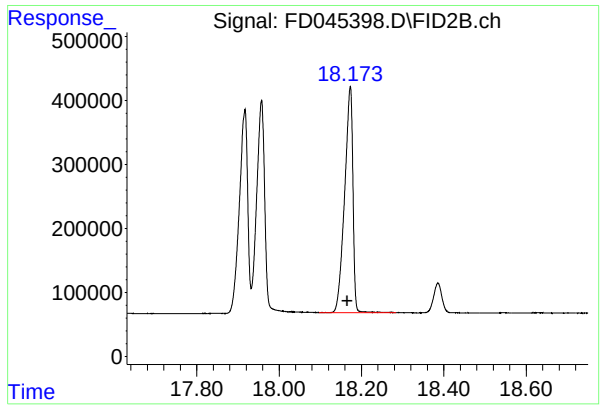
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 4484409
Conc: 37.89 ug/ml



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

R.T.: 17.957 min
Delta R.T.: 0.002 min
Response: 4483572
Conc: 37.63 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.007 min
Response: 4910855
Conc: 39.32 ug/ml

Instrument :

FID_D

ClientSampleId :