

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045251.D
 Signal(s) : FID2B.ch
 Acq On : 09 Mar 2023 21:06
 Operator : YP/AJ
 Sample : 01802-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MS

Integration File: autoint1.e
 Quant Time: Mar 10 00:44:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	6587682	48.543 ug/ml
Spiked Amount 50.000		Recovery =	97.09%
6) S 2-Fluorobiphenyl (SURR)	8.408	4343886	48.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.03%
11) S ortho-Terphenyl (SURR)	11.446	4020317	24.153 ug/ml
Spiked Amount 50.000		Recovery =	48.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5261704	34.742 ug/ml
2) T Naphthalene (C11.7)	5.889	5968082	37.778 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5904431	37.154 ug/ml
5) T Acenaphthylene (C15.06)	8.211	6195968	43.211 ug/ml
7) T Acenaphthene (C15.5)	8.508	6237408	41.152 ug/ml
8) T Fluorene (C16.55)	9.286	6233000	42.335 ug/ml
9) T Phenanthrene (C19.36)	10.677	6248593	43.765 ug/ml
10) T Anthracene (C19.43)	10.752	5973895	42.631 ug/ml
12) T Fluoranthene (C21.85)	12.483	6222302	44.544 ug/ml
13) T Pyrene (C20.8)	12.779	6156800	45.211 ug/ml
14) T Benzo[a]anthracene (C...	14.643	5697459	44.695 ug/ml
15) T Chrysene (C27.41)	14.686	5614007	43.076 ug/ml
16) T benzo[b]fluoranthene ...	16.187	5826312	45.193 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	5401298	42.789 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	5126665	40.733 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	5451571	45.571 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	4993927	41.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	5441590	43.734 ug/ml

(f)=RT Delta > 1/2 Window

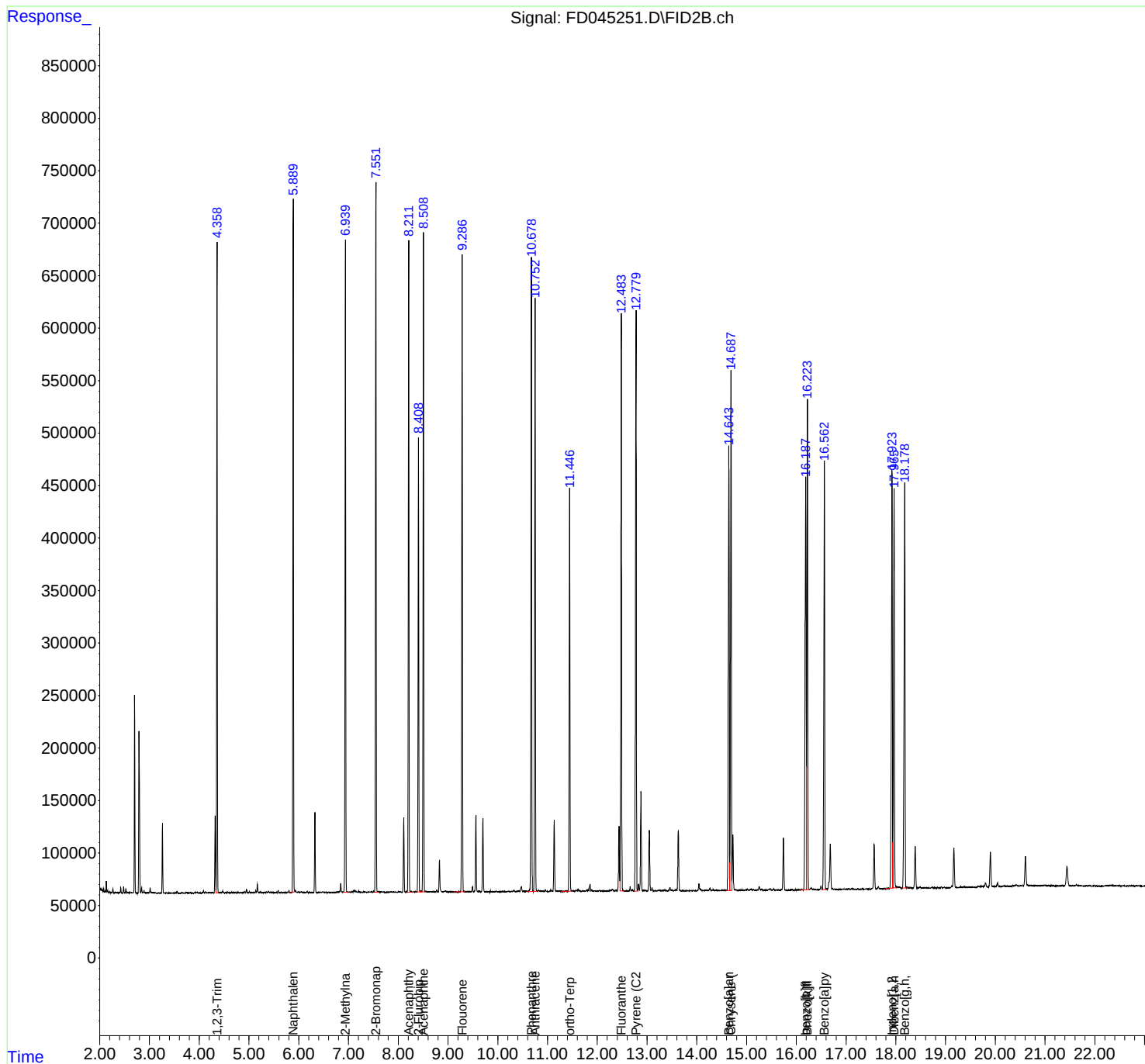
(m)=manual int.

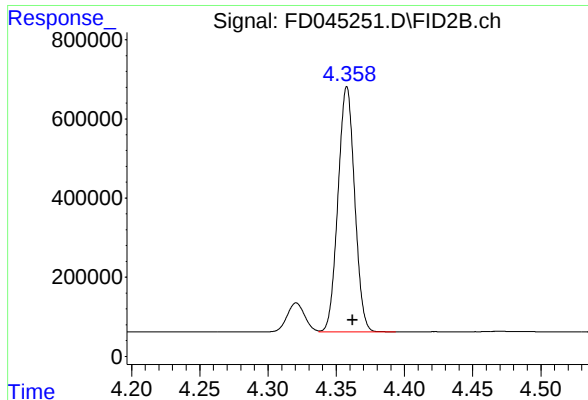
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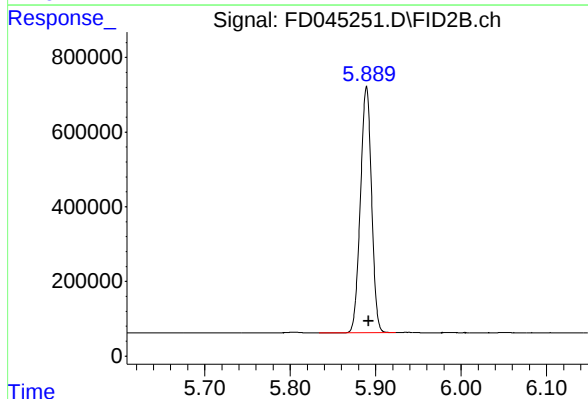




#1 1,2,3-Trimethylbenzene (C10.1)

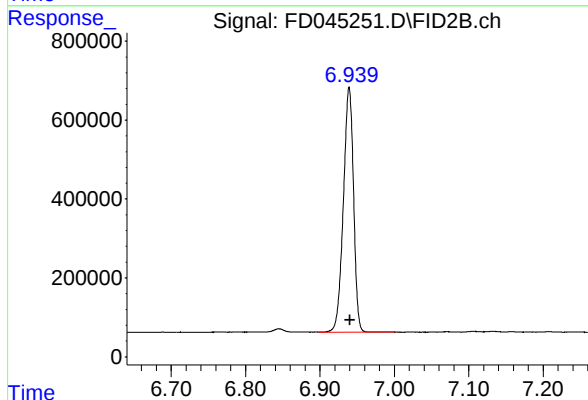
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 5261704
Conc: 34.74 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MS



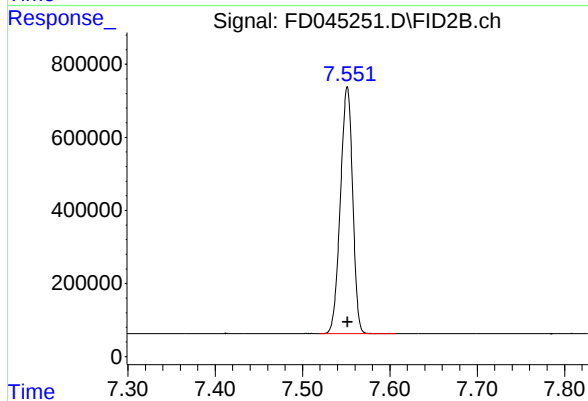
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 5968082
Conc: 37.78 ug/ml



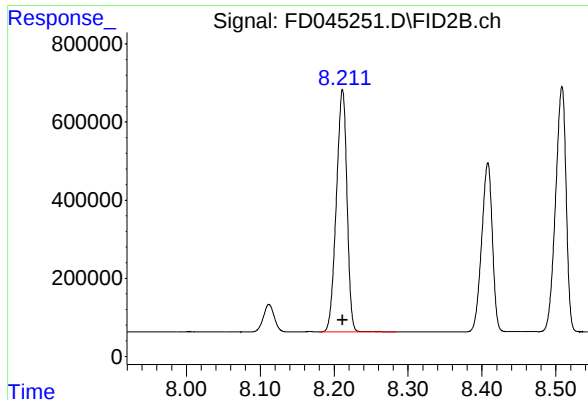
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 5904431
Conc: 37.15 ug/ml



#4 2-Bromonaphthalene (SURR)

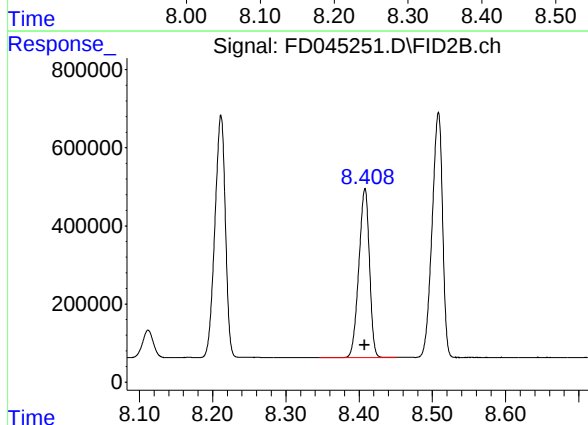
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6587682
Conc: 48.54 ug/ml



#5 Acenaphthylene (C15.06)

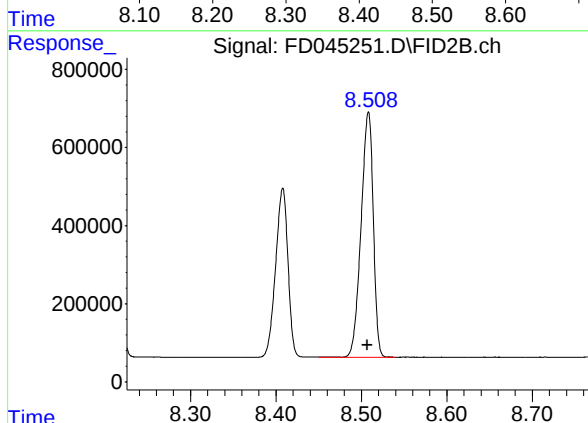
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 6195968
Conc: 43.21 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MS



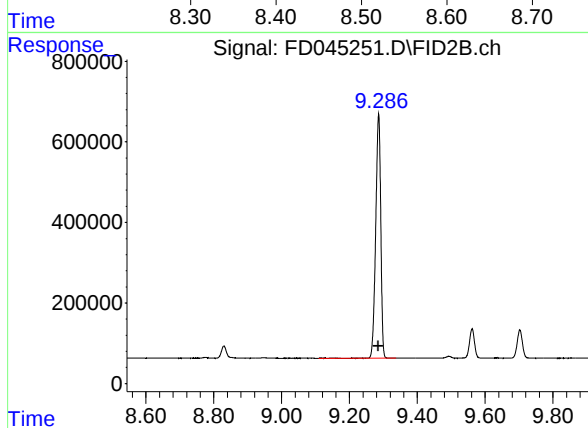
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 4343886
Conc: 48.52 ug/ml



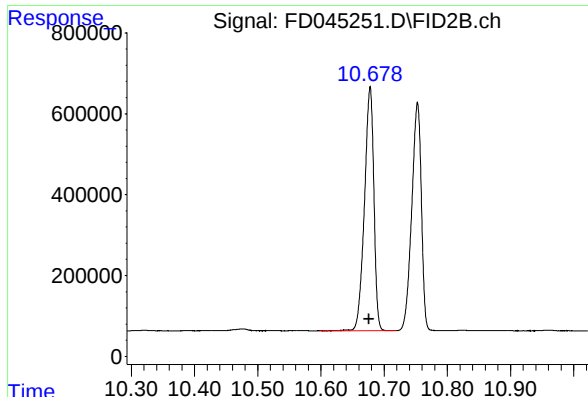
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 6237408
Conc: 41.15 ug/ml



#8 Flouorene (C16.55)

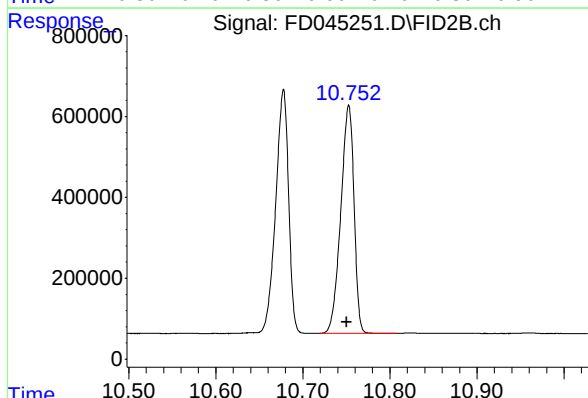
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 6233000
Conc: 42.34 ug/ml



#9 Phenanthrene (C19.36)

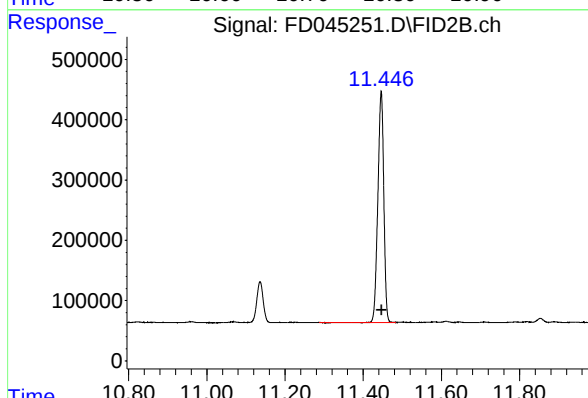
R.T.: 10.677 min
Delta R.T.: 0.001 min
Response: 6248593
Conc: 43.77 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MS



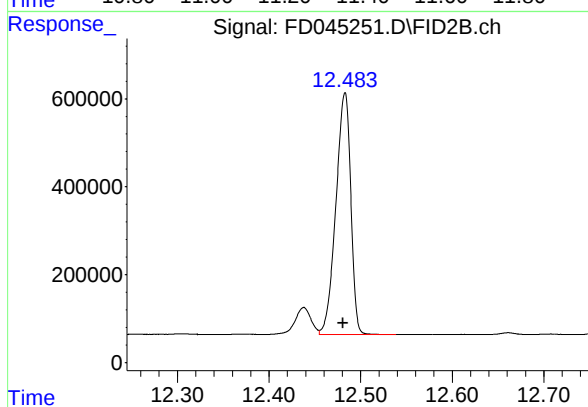
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: 0.002 min
Response: 5973895
Conc: 42.63 ug/ml



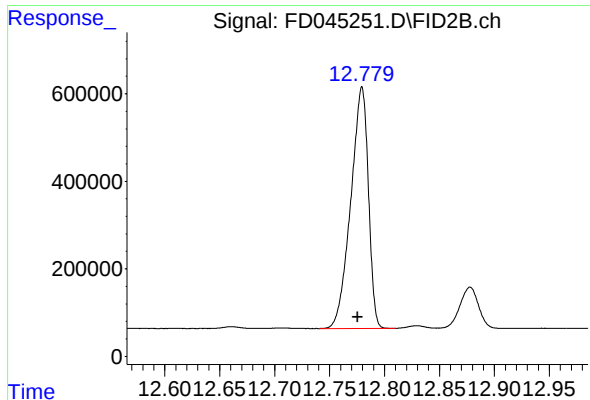
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 4020317
Conc: 24.15 ug/ml



#12 Fluoranthene (C21.85)

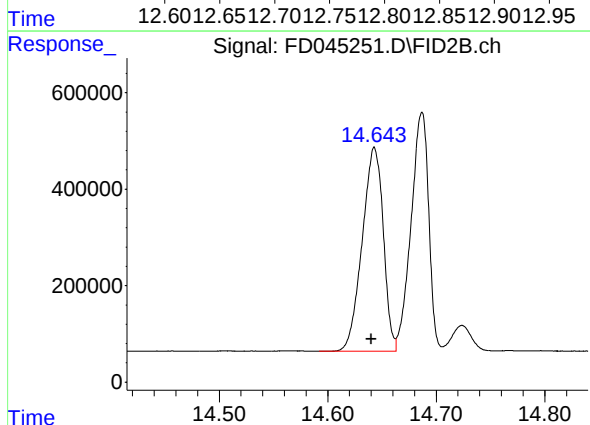
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 6222302
Conc: 44.54 ug/ml



#13 Pyrene (C20.8)

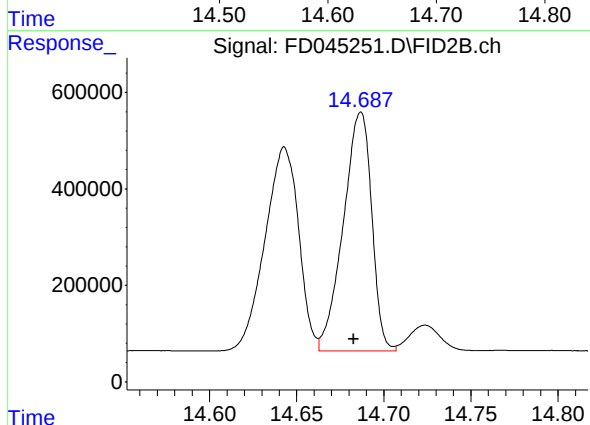
R.T.: 12.779 min
Delta R.T.: 0.003 min
Response: 6156800
Conc: 45.21 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MS



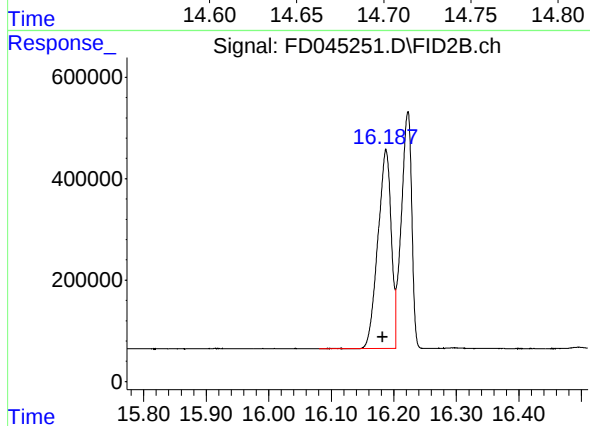
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: 0.003 min
Response: 5697459
Conc: 44.70 ug/ml



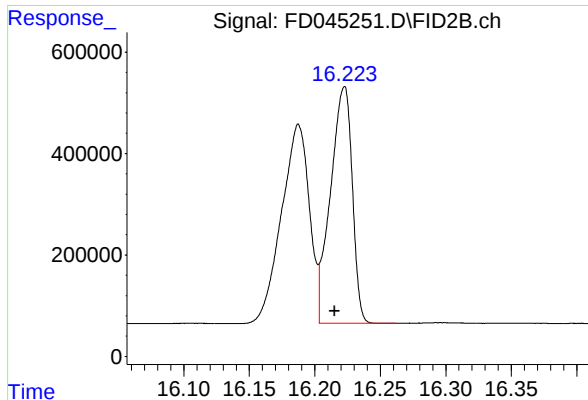
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.004 min
Response: 5614007
Conc: 43.08 ug/ml



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

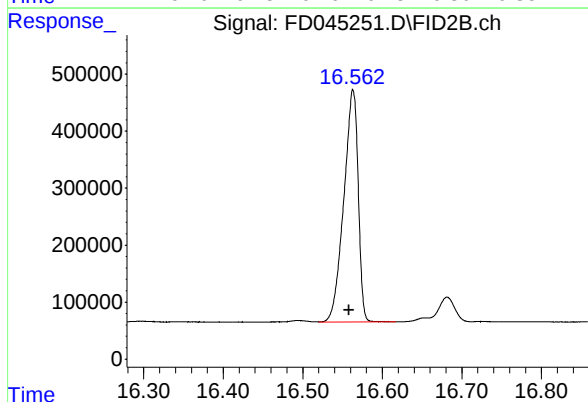
R.T.: 16.187 min
Delta R.T.: 0.005 min
Response: 5826312
Conc: 45.19 ug/ml



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

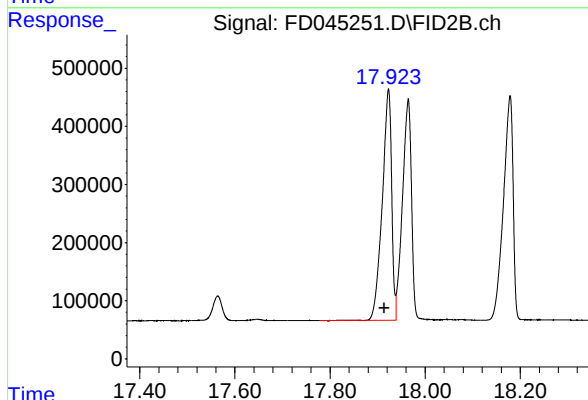
R.T.: 16.222 min
Delta R.T.: 0.007 min
Response: 5401298
Conc: 42.79 ug/ml

Instrument :
FID_D
ClientSampleId :
T-1MS



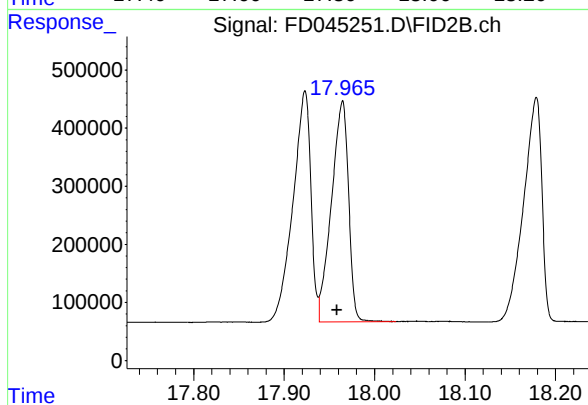
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: 0.005 min
Response: 5126665
Conc: 40.73 ug/ml



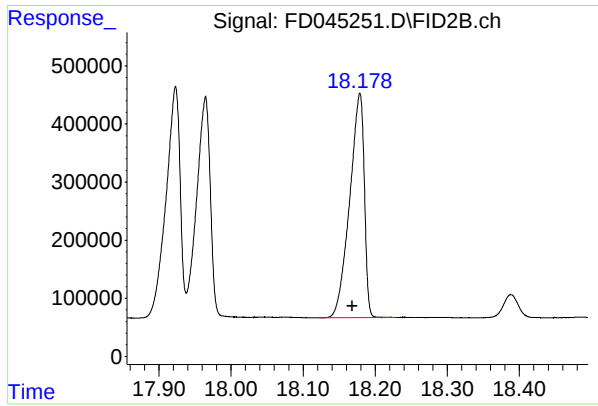
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.008 min
Response: 5451571
Conc: 45.57 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.006 min
Response: 4993927
Conc: 41.40 ug/ml



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

R.T.: 18.178 min

Delta R.T.: 0.010 min

Response: 5441590

Conc: 43.73 ug/ml

Instrument :

FID_D

ClientSampleId :

T-1MS