

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046892.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2023 06:02
 Operator : YP/AJ
 Sample : 05294-06MS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 10 07:12:15 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...	7.482	7352599	40.316 ug/ml
Spiked Amount 50.000		Recovery =	80.63%
6) S 2-Fluorobiphenyl (SURR)	8.335	3690649	31.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.72%
11) S ortho-Terphenyl (SURR)	11.373	7445012	35.158 ug/ml
Spiked Amount 50.000		Recovery =	70.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	4804554	24.878 ug/ml
2) T Naphthalene (C11.7)	5.821	5858286	29.256 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	6274461	31.219 ug/ml
5) T Acenaphthylene (C15.06)	8.139	7162553	38.942 ug/ml
7) T Acenaphthene (C15.5)	8.435	7018440	35.829 ug/ml
8) T Fluorene (C16.55)	9.213	7581335	40.987 ug/ml
9) T Phenanthrene (C19.36)	10.603	7615724	42.808 ug/ml
10) T Anthracene (C19.43)	10.679	7403051	43.441 ug/ml
12) T Fluoranthene (C21.85)	12.406	7636764	44.217 ug/ml
13) T Pyrene (C20.8)	12.701	7599034	45.701 ug/ml
14) T Benzo[a]anthracene (C...	14.565	6815078	48.440 ug/ml
15) T Chrysene (C27.41)	14.609	6814788	43.697 ug/ml
16) T benzo[b]fluoranthene ...	16.108	6637067	46.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	6441025	43.995 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	6105003	43.555 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	6453419	51.084 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	5805371	41.555 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	6007120	43.023 ug/ml

(f)=RT Delta > 1/2 Window

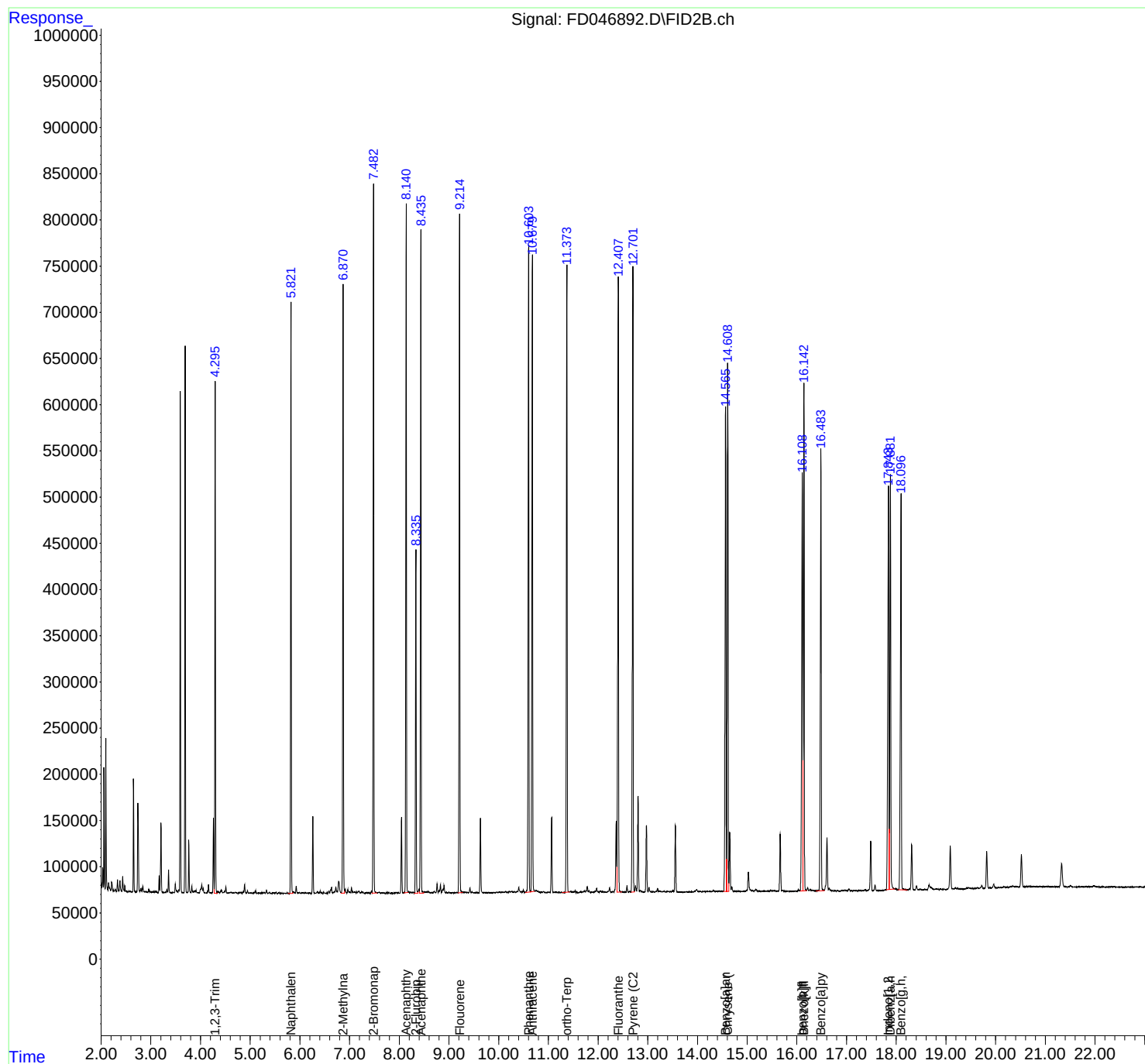
(m)=manual int.

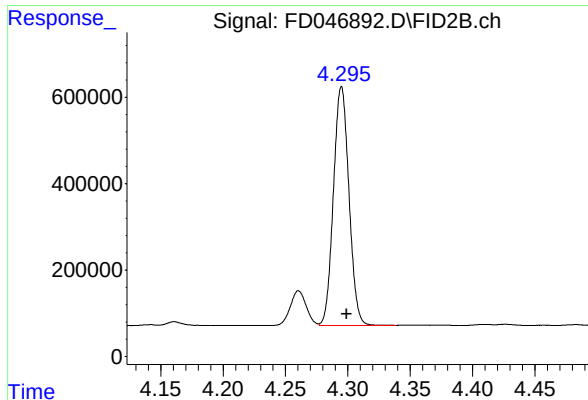
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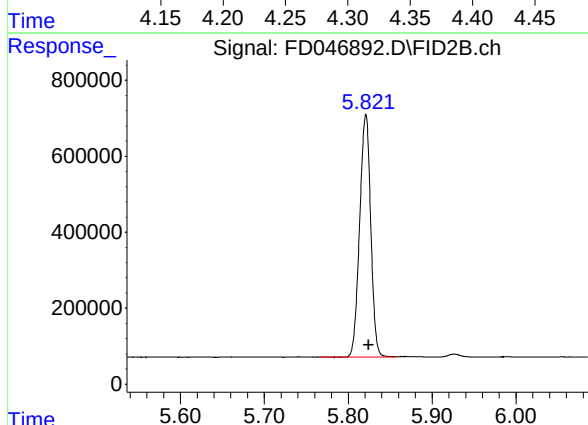




#1 1,2,3-Trimethylbenzene (C10.1)

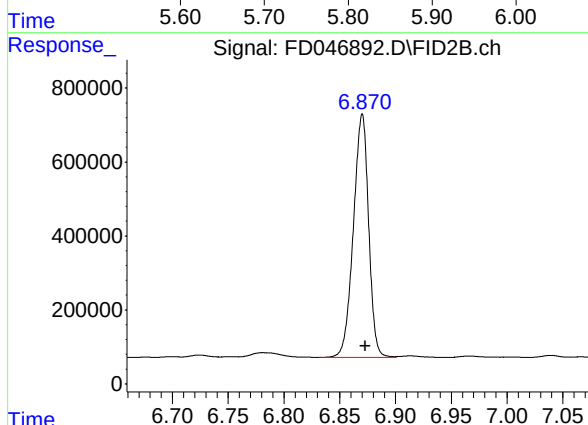
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 4804554
Conc: 24.88 ug/ml

Instrument :
FID_D
ClientSampleId :



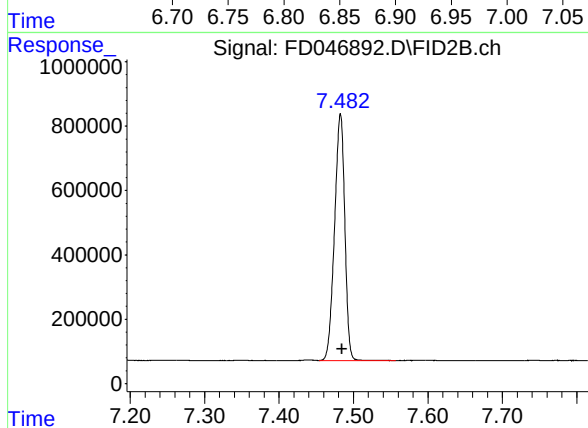
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 5858286
Conc: 29.26 ug/ml



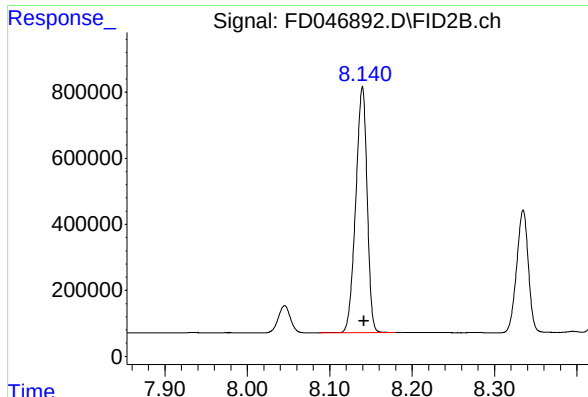
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 6274461
Conc: 31.22 ug/ml



#4 2-Bromonaphthalene (SURR)

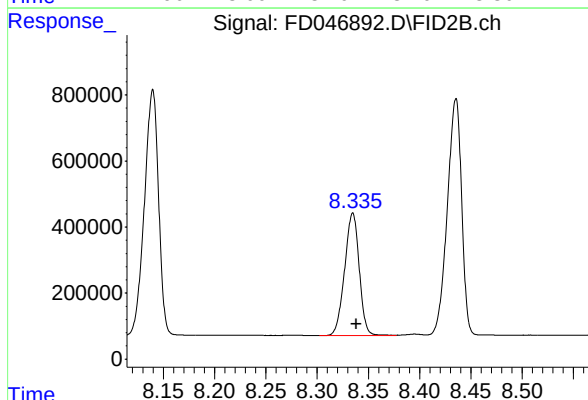
R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 7352599
Conc: 40.32 ug/ml



#5 Acenaphthylene (C15.06)

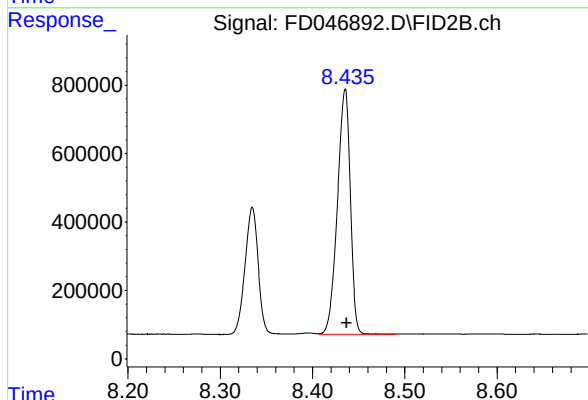
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 7162553
Conc: 38.94 ug/ml

Instrument :
FID_D
ClientSampleId :



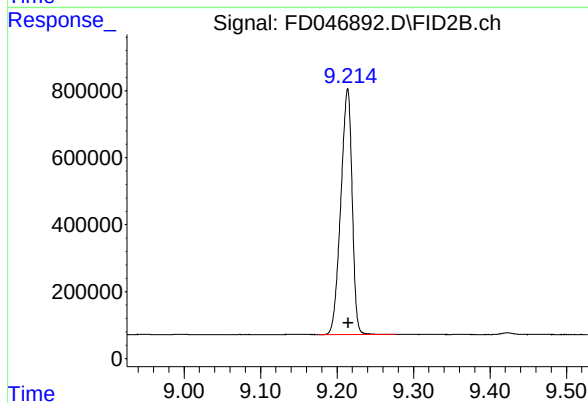
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 3690649
Conc: 31.36 ug/ml



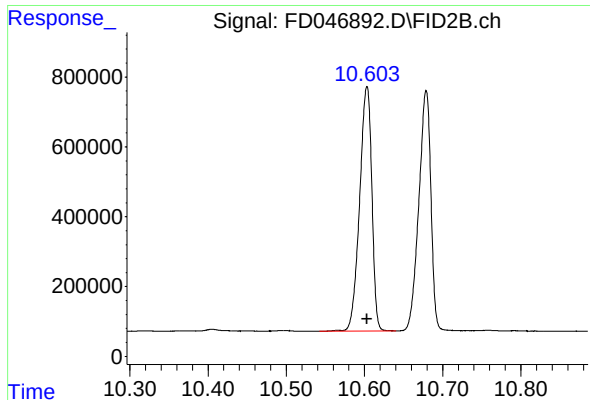
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 7018440
Conc: 35.83 ug/ml



#8 Flouorene (C16.55)

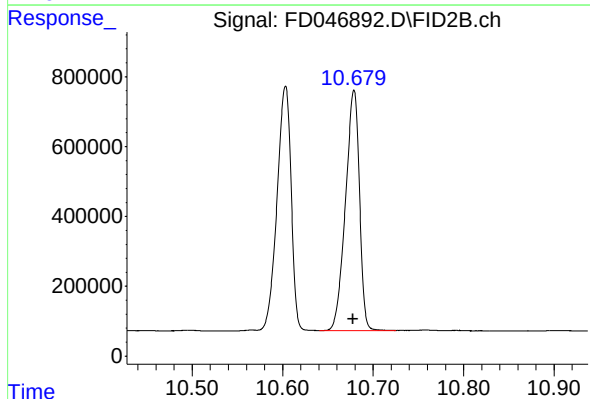
R.T.: 9.213 min
Delta R.T.: -0.001 min
Response: 7581335
Conc: 40.99 ug/ml



#9 Phenanthrene (C19.36)

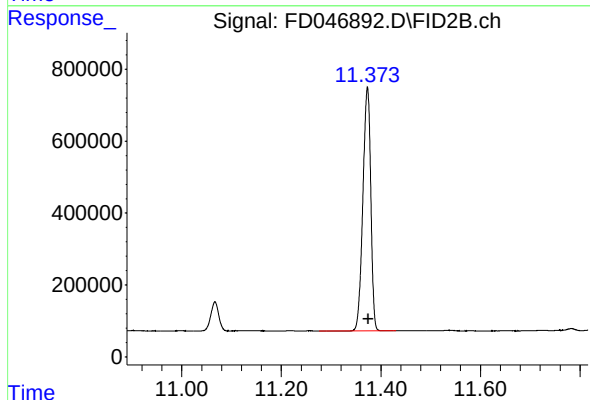
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 7615724
Conc: 42.81 ug/ml

Instrument :
FID_D
ClientSampleId :



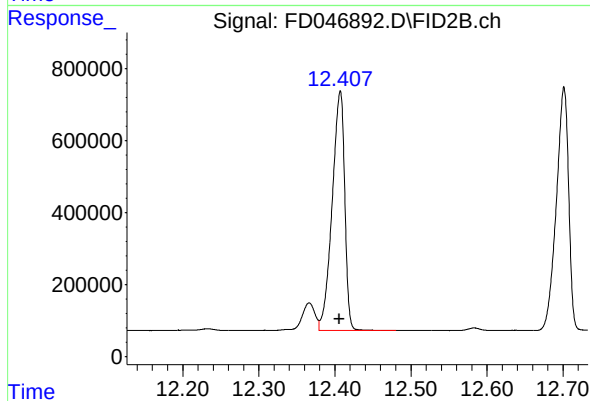
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 7403051
Conc: 43.44 ug/ml



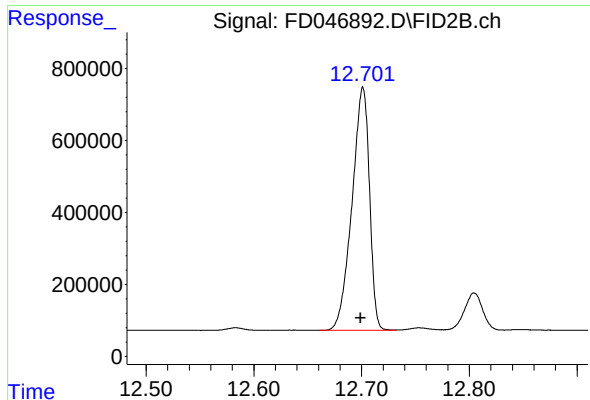
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 7445012
Conc: 35.16 ug/ml



#12 Fluoranthene (C21.85)

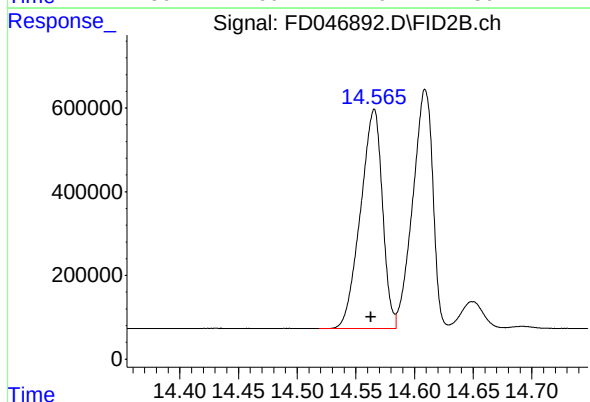
R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 7636764
Conc: 44.22 ug/ml



#13 Pyrene (C20.8)

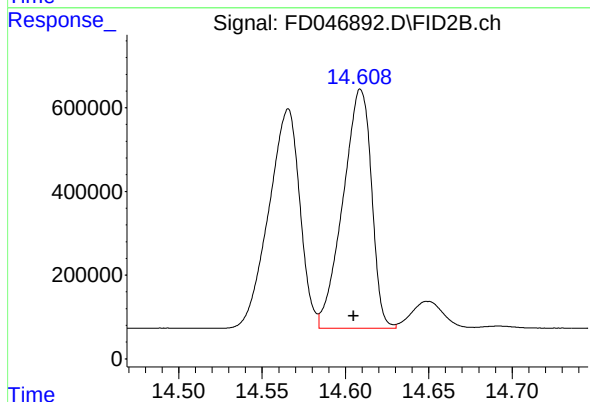
R.T.: 12.701 min
Delta R.T.: 0.002 min
Response: 7599034
Conc: 45.70 ug/ml

Instrument :
FID_D
ClientSampleId :



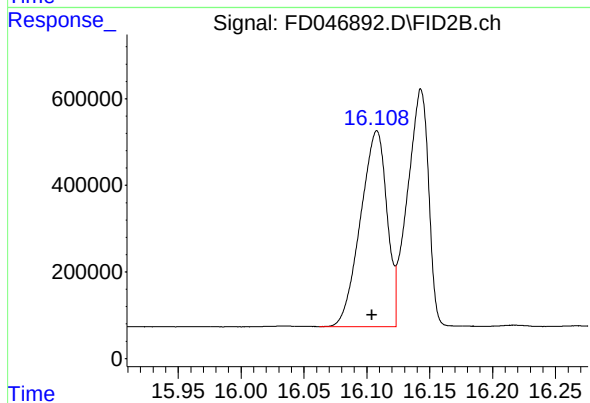
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: 0.002 min
Response: 6815078
Conc: 48.44 ug/ml



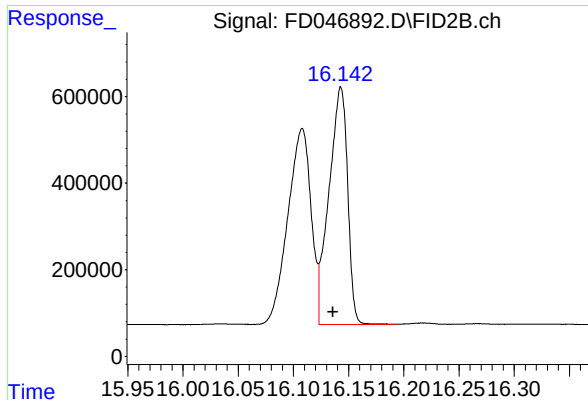
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: 0.004 min
Response: 6814788
Conc: 43.70 ug/ml



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

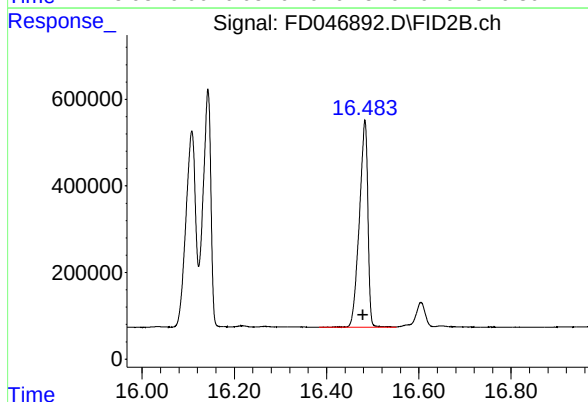
R.T.: 16.108 min
Delta R.T.: 0.004 min
Response: 6637067
Conc: 46.37 ug/ml



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

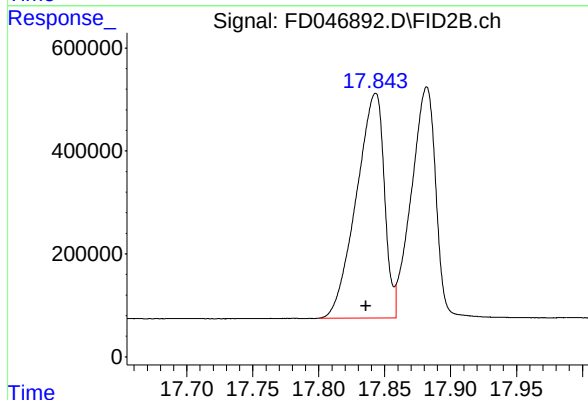
R.T.: 16.143 min
Delta R.T.: 0.007 min
Response: 6441025
Conc: 43.99 ug/ml

Instrument :
FID_D
ClientSampleId :



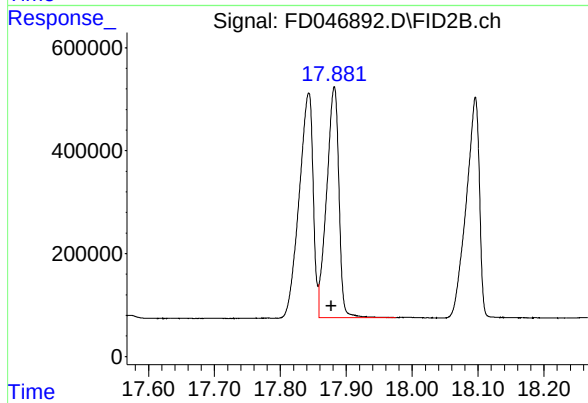
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.004 min
Response: 6105003
Conc: 43.56 ug/ml



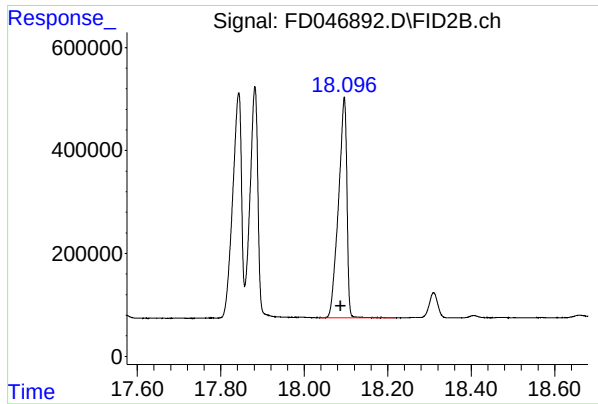
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.006 min
Response: 6453419
Conc: 51.08 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.004 min
Response: 5805371
Conc: 41.56 ug/ml



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

R.T.: 18.095 min

Delta R.T.: 0.008 min

Response: 6007120

Conc: 43.02 ug/ml

Instrument :

FID_D

ClientSampleId :