

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046849.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 23:47
 Operator : YP/AJ
 Sample : 05251-05
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:19 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

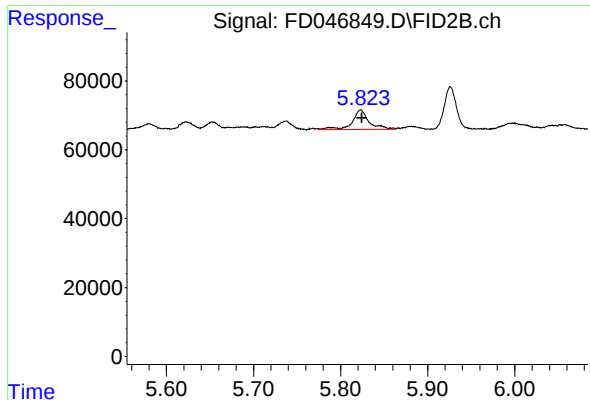
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.486	10949654	60.039 ug/ml
Spiked Amount 50.000		Recovery =	120.08%
6) S 2-Fluorobiphenyl (SURR)	8.338	5690368	48.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.71%
11) S ortho-Terphenyl (SURR)	11.380	12490086	58.983 ug/ml
Spiked Amount 50.000		Recovery =	117.97%
Target Compounds			
2) T Naphthalene (C11.7)	5.823	76609	0.383 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	192204	0.956 ug/ml
5) T Acenaphthylene (C15.06)	8.139	134290	0.730 ug/ml
7) T Acenaphthene (C15.5)	8.433	166353	0.849 ug/ml
8) T Fluorene (C16.55)	9.212	195016	1.054 ug/ml
9) T Phenanthrene (C19.36)	10.599	1728657	9.717 ug/ml
10) T Anthracene (C19.43)	10.673	369644	2.169 ug/ml
12) T Fluoranthene (C21.85)	12.404	3474438	20.117 ug/ml
13) T Pyrene (C20.8)	12.697	2856418	17.179 ug/ml
14) T Benzo[a]anthracene (C...	14.559	1546679	10.993 ug/ml
15) T Chrysene (C27.41)	14.599	1628670	10.443 ug/ml
16) T benzo[b]fluoranthene ...	16.102	1914725	13.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	670414	4.579 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	1412825	10.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	1157345	9.161 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	311577	2.230 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	767636	5.498 ug/ml

(f)=RT Delta > 1/2 Window

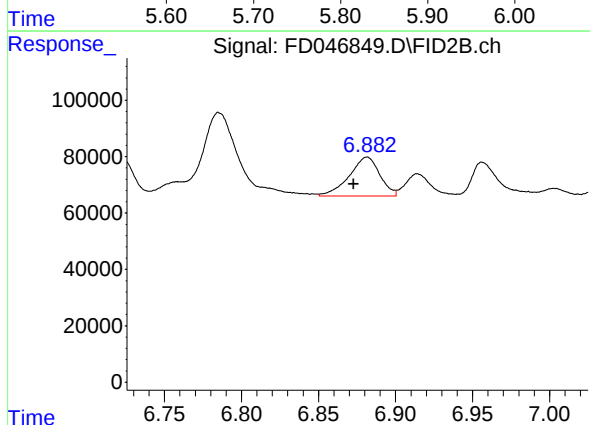
(m)=manual int.



#2 Naphthalene (C11.7)

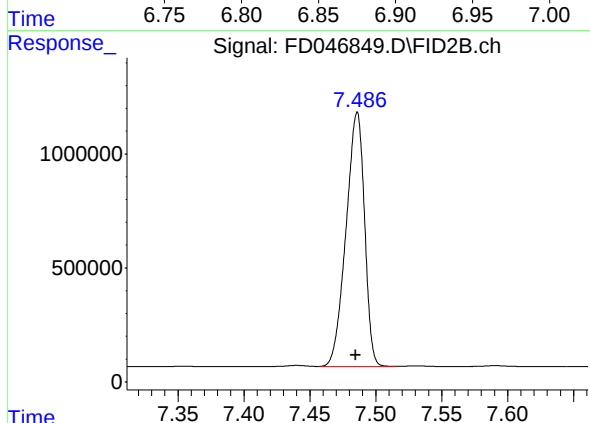
R.T.: 5.823 min
Delta R.T.: -0.001 min
Response: 76609
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



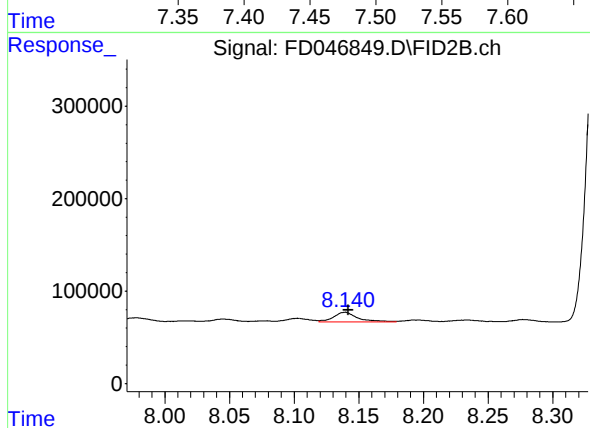
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: 0.009 min
Response: 192204
Conc: 0.96 ug/ml



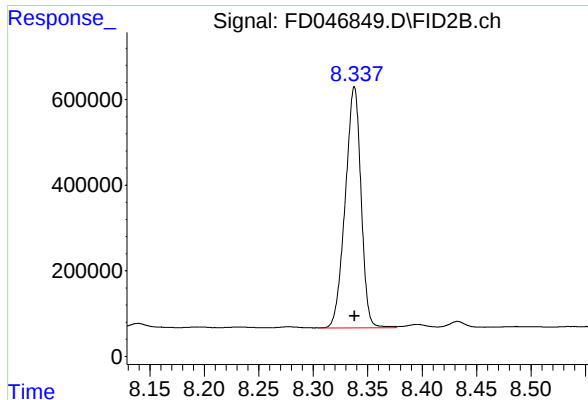
#4 2-Bromonaphthalene (SURR)

R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 10949654
Conc: 60.04 ug/ml



#5 Acenaphthylene (C15.06)

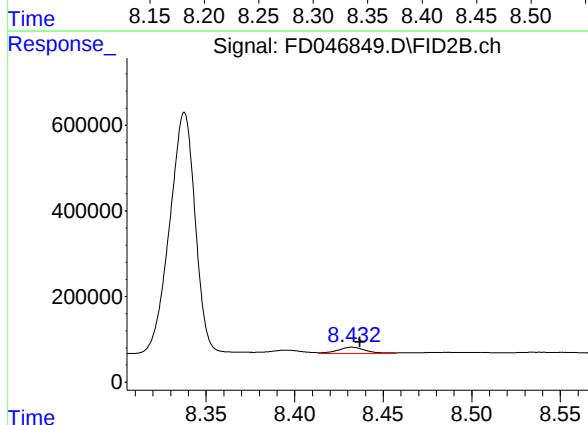
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 134290
Conc: 0.73 ug/ml



#6 2-Fluorobiphenyl (SURR)

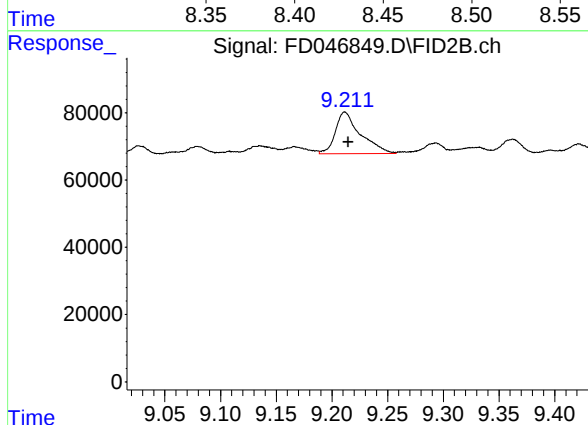
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 5690368
Conc: 48.35 ug/ml

Instrument :
FID_D
ClientSampleId :



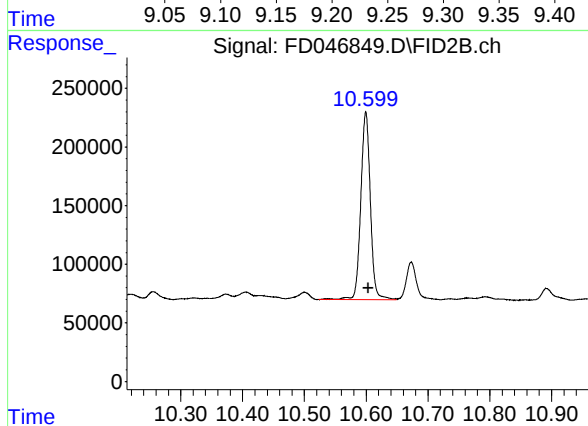
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 166353
Conc: 0.85 ug/ml



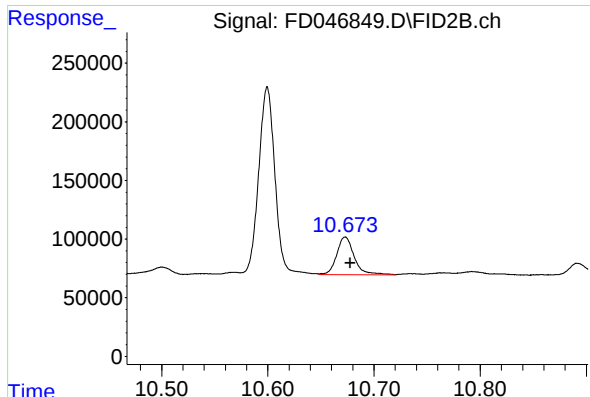
#8 Flouorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.003 min
Response: 195016
Conc: 1.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 1728657
Conc: 9.72 ug/ml



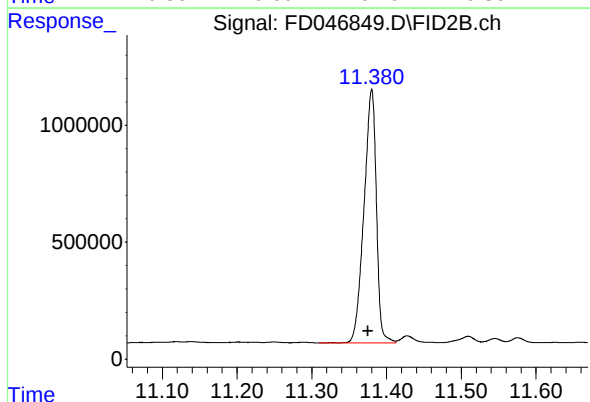
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.005 min
Response: 369644
Conc: 2.17 ug/ml

Instrument :

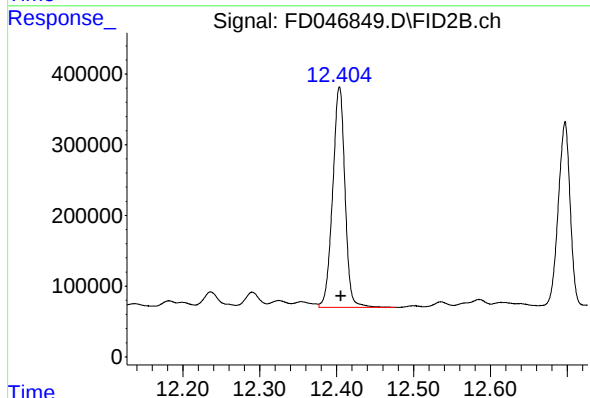
FID_D

ClientSampleId :



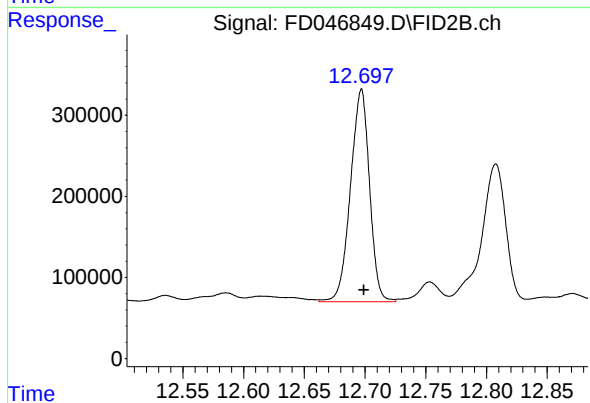
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: 0.005 min
Response: 12490086
Conc: 58.98 ug/ml



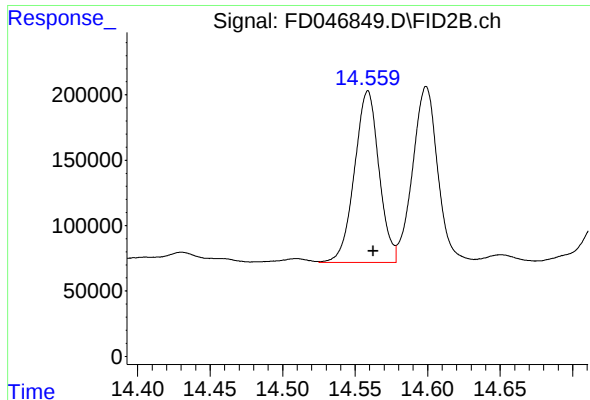
#12 Fluoranthene (C21.85)

R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 3474438
Conc: 20.12 ug/ml



#13 Pyrene (C20.8)

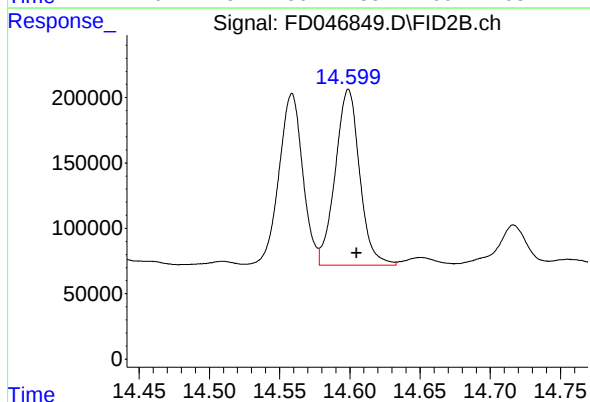
R.T.: 12.697 min
Delta R.T.: -0.002 min
Response: 2856418
Conc: 17.18 ug/ml



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

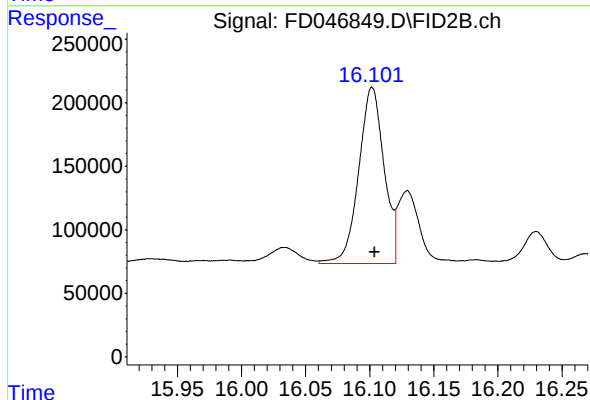
R.T.: 14.559 min
Delta R.T.: -0.004 min
Response: 1546679
Conc: 10.99 ug/ml

Instrument :
FID_D
ClientSampleId :



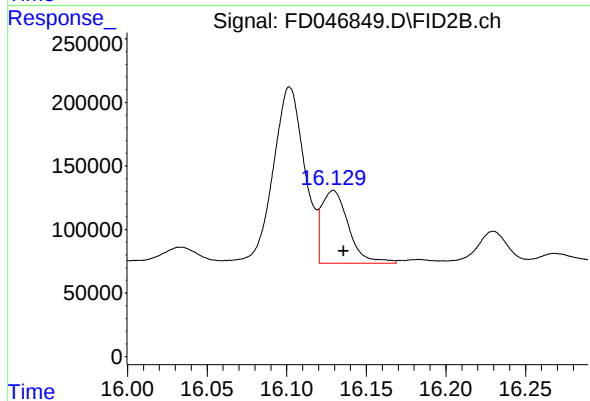
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 1628670
Conc: 10.44 ug/ml



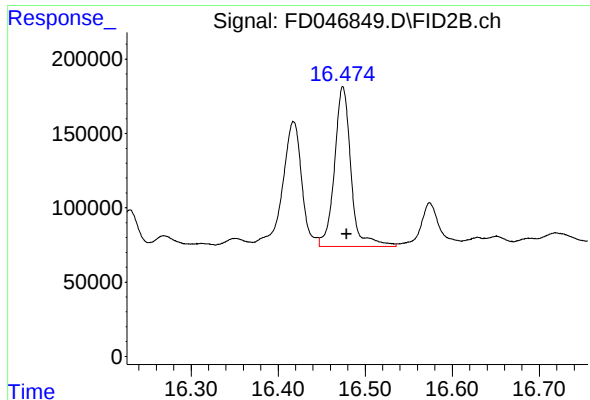
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.102 min
Delta R.T.: -0.002 min
Response: 1914725
Conc: 13.38 ug/ml



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

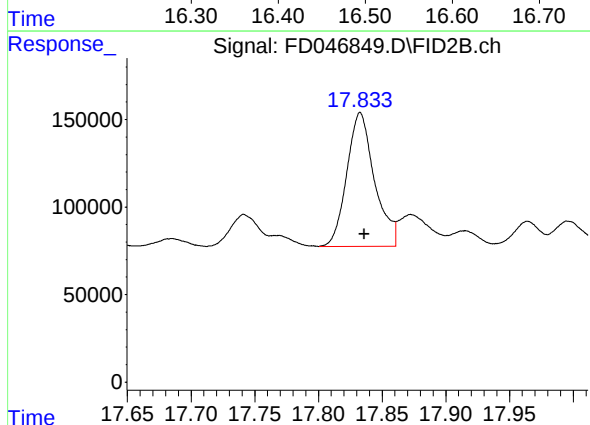
R.T.: 16.129 min
Delta R.T.: -0.007 min
Response: 670414
Conc: 4.58 ug/ml



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

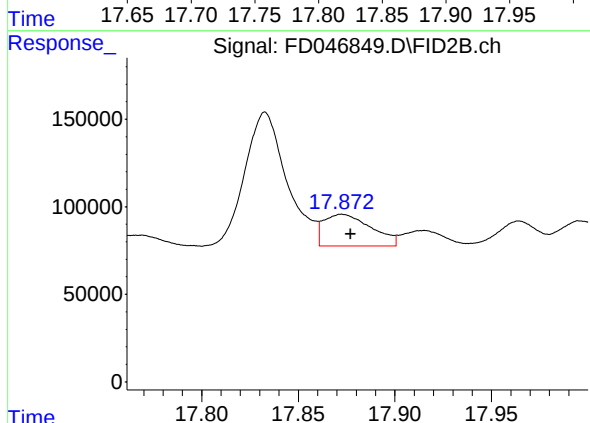
R.T.: 16.474 min
Delta R.T.: -0.004 min
Response: 1412825
Conc: 10.08 ug/ml

Instrument :
FID_D
ClientSampleId :



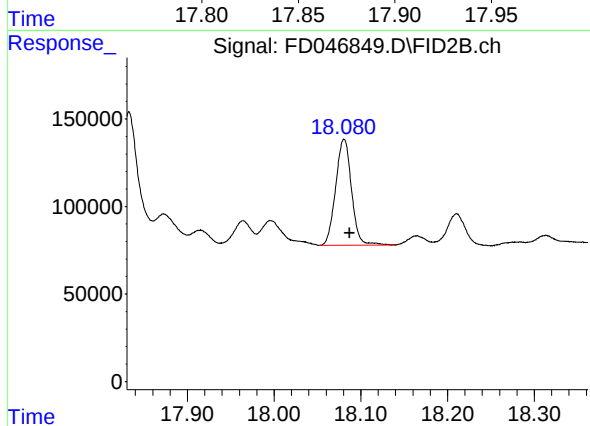
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 1157345
Conc: 9.16 ug/ml



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

R.T.: 17.873 min
Delta R.T.: -0.004 min
Response: 311577
Conc: 2.23 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.006 min
Response: 767636
Conc: 5.50 ug/ml