

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045424.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 01:05
 Operator : YP/AJ
 Sample : 02139-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 07:15:05 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

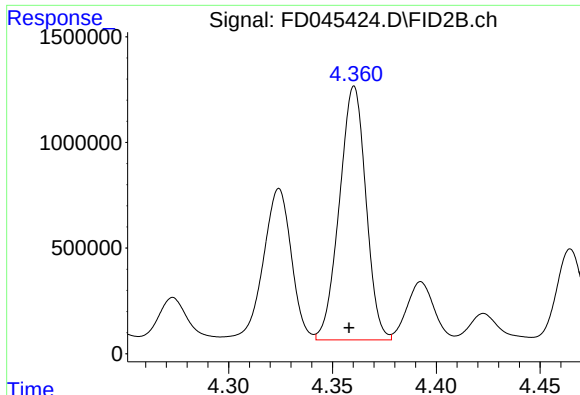
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.570	33728195	246.175 ug/ml
Spiked Amount 50.000		Recovery =	492.35%
6) S 2-Fluorobiphenyl (SURR)	8.431	33757521	376.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	753.12%#
11) S ortho-Terphenyl (SURR)	11.467	33395263	191.944 ug/ml
Spiked Amount 50.000		Recovery =	383.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	10671396	68.502 ug/ml
2) T Naphthalene (C11.7)	5.898	11686376	72.718 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	59554837	372.032 ug/ml
5) T Acenaphthylene (C15.06)	8.234	45086342	307.935 ug/ml
7) T Acenaphthene (C15.5)	8.498	15876370	102.358 ug/ml
8) T Fluorene (C16.55)	9.278	12338811	83.208 ug/ml
9) T Phenanthrene (C19.36)	10.666	22221858	153.406 ug/ml
10) T Anthracene (C19.43)	10.737	13113061	94.868 ug/ml
12) T Fluoranthene (C21.85)	12.455	30407772	211.354 ug/ml
13) T Pyrene (C20.8)	12.801	21091793	150.013 ug/ml
14) T Benzo[a]anthracene (C...	14.650	9079855	70.802 ug/ml
15) T Chrysene (C27.41)	14.692	7191200	54.232 ug/ml
16) T benzo[b]fluoranthene ...	16.187	5245945	40.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	5154361	40.696 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4607588	36.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	4658508	39.359 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	4719046	39.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	4833810	38.699 ug/ml

(f)=RT Delta > 1/2 Window

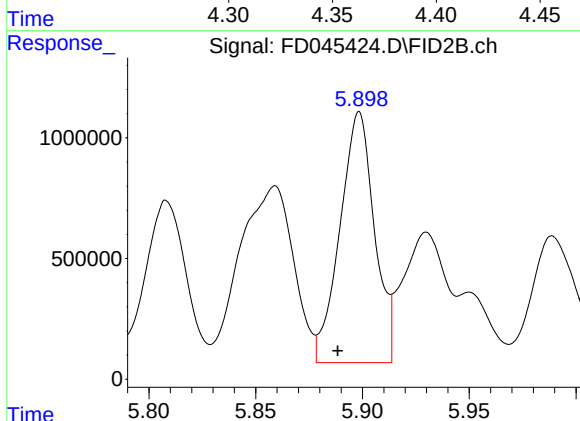
(m)=manual int.



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

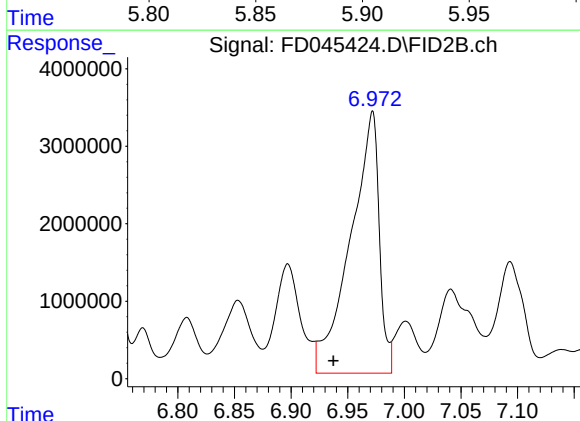
R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 10671396
Conc: 68.50 ug/ml

Instrument :
FID_D
ClientSampleId :



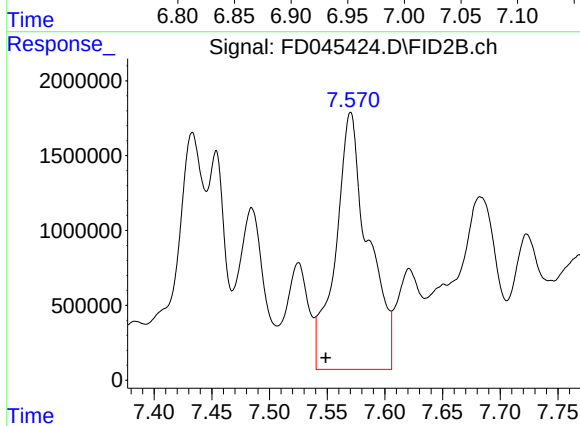
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.010 min
Response: 11686376
Conc: 72.72 ug/ml



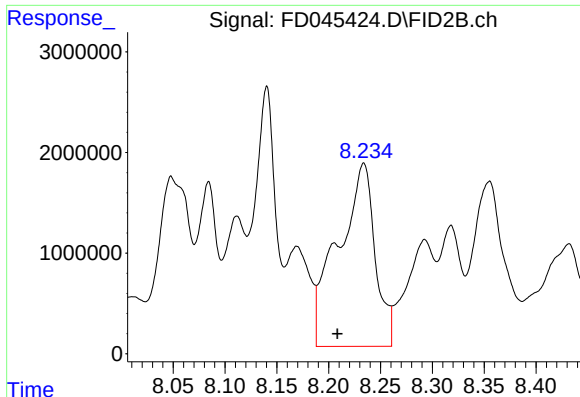
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.034 min
Response: 59554837
Conc: 372.03 ug/ml



#4 2-Bromonaphthalene (SURR)

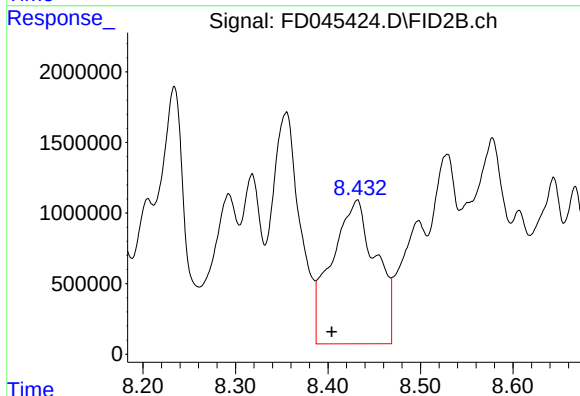
R.T.: 7.570 min
Delta R.T.: 0.021 min
Response: 33728195
Conc: 246.17 ug/ml



#5 Acenaphthylene (C15.06)

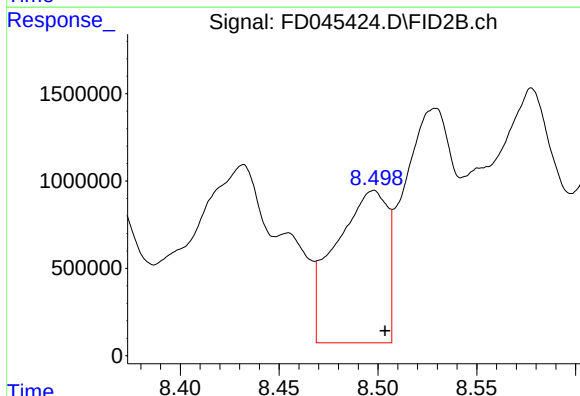
R.T.: 8.234 min
Delta R.T.: 0.025 min
Response: 45086342
Conc: 307.93 ug/ml

Instrument :
FID_D
ClientSampleId :



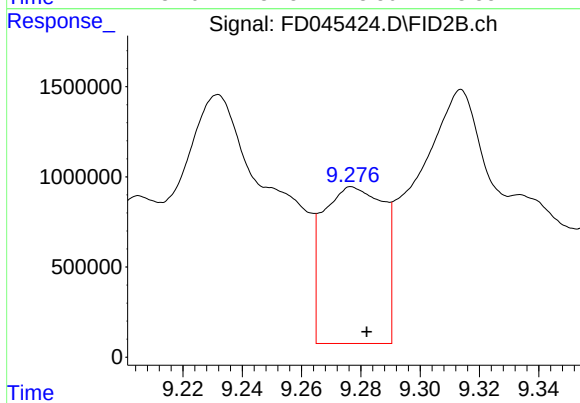
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: 0.027 min
Response: 33757521
Conc: 376.56 ug/ml



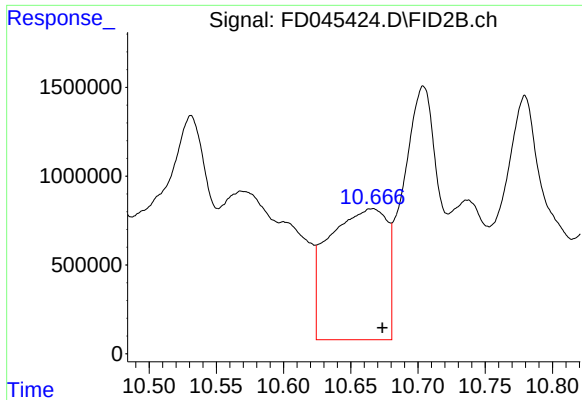
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 15876370
Conc: 102.36 ug/ml



#8 Fluorene (C16.55)

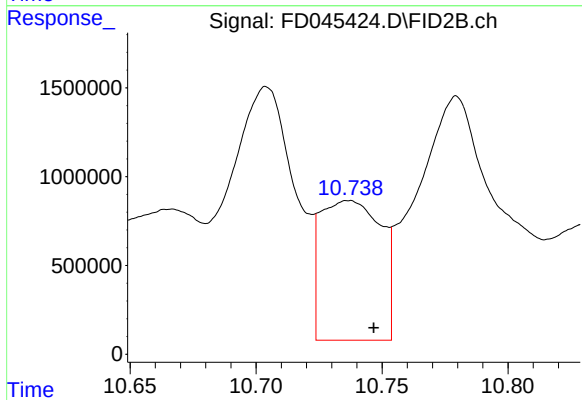
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 12338811
Conc: 83.21 ug/ml



#9 Phenanthrene (C19.36)

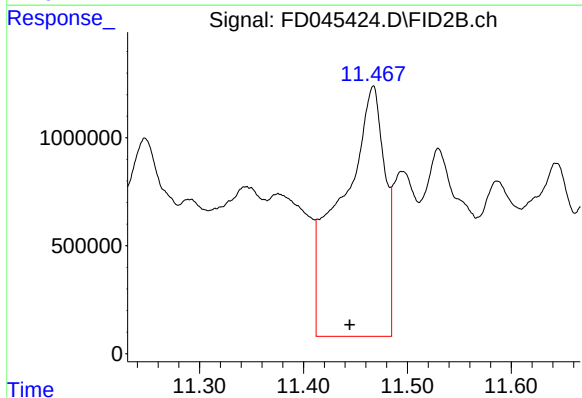
R.T.: 10.666 min
Delta R.T.: -0.008 min
Response: 22221858
Conc: 153.41 ug/ml

Instrument :
FID_D
ClientSampleId :



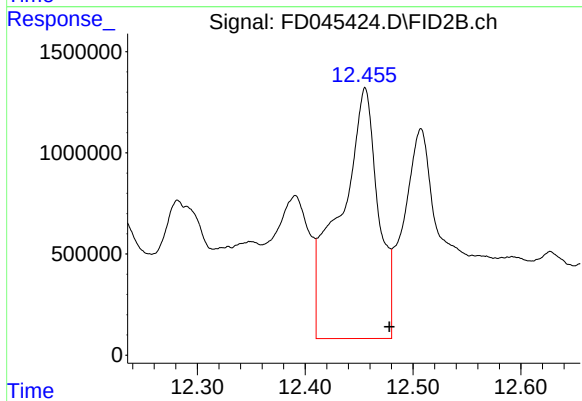
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: -0.010 min
Response: 13113061
Conc: 94.87 ug/ml



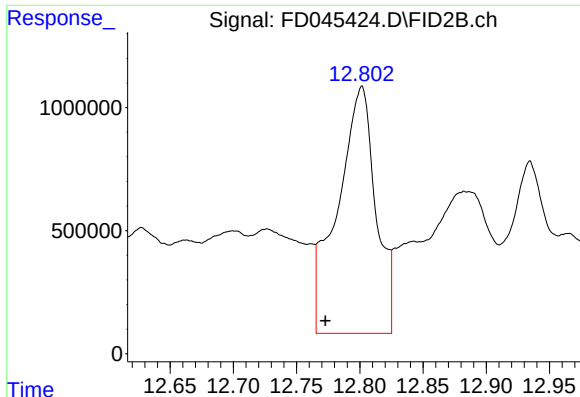
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.022 min
Response: 33395263
Conc: 191.94 ug/ml



#12 Fluoranthene (C21.85)

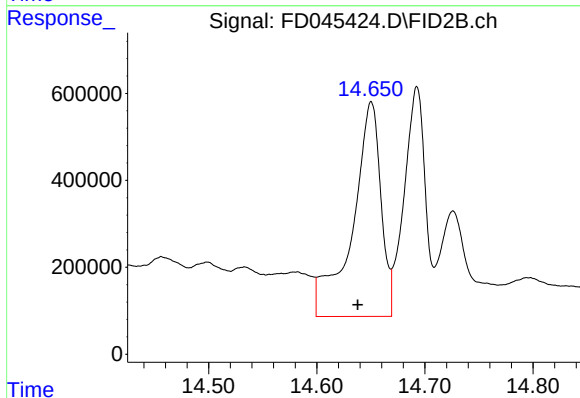
R.T.: 12.455 min
Delta R.T.: -0.023 min
Response: 30407772
Conc: 211.35 ug/ml



#13 Pyrene (C20.8)

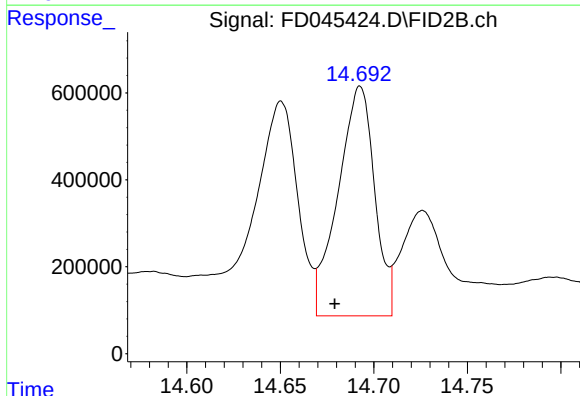
R.T.: 12.801 min
Delta R.T.: 0.028 min
Response: 21091793
Conc: 150.01 ug/ml

Instrument :
FID_D
ClientSampleId :



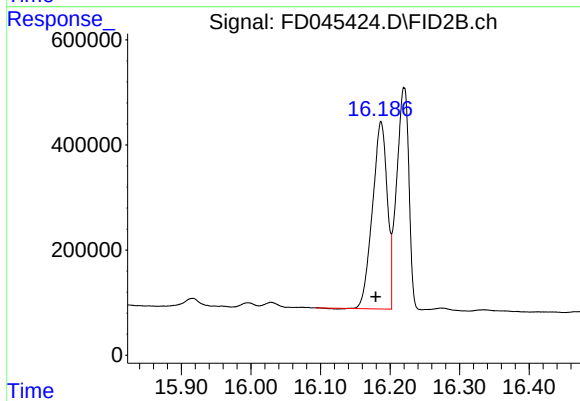
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: 0.012 min
Response: 9079855
Conc: 70.80 ug/ml



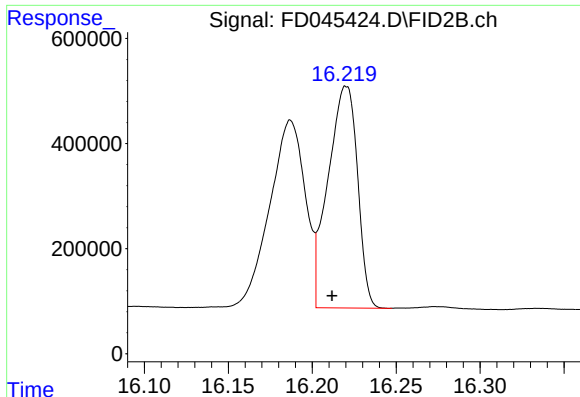
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: 0.013 min
Response: 7191200
Conc: 54.23 ug/ml



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

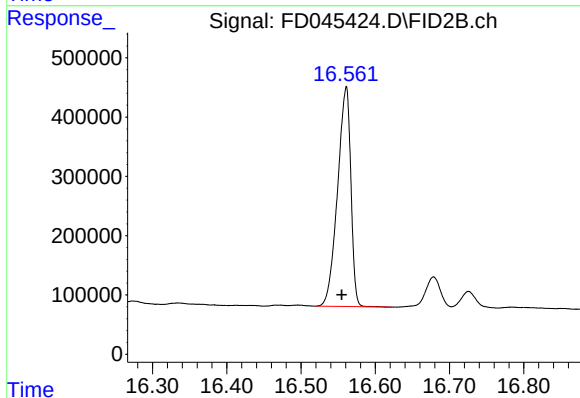
R.T.: 16.187 min
Delta R.T.: 0.007 min
Response: 5245945
Conc: 40.38 ug/ml



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

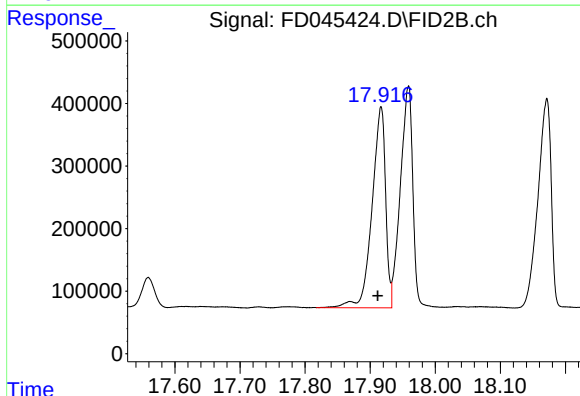
R.T.: 16.220 min
Delta R.T.: 0.008 min
Response: 5154361
Conc: 40.70 ug/ml

Instrument :
FID_D
ClientSampleId :



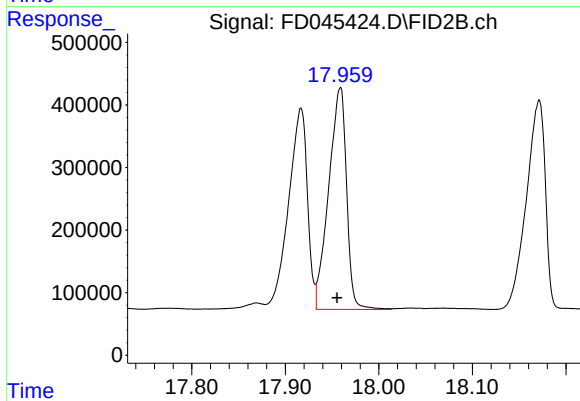
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.005 min
Response: 4607588
Conc: 36.65 ug/ml



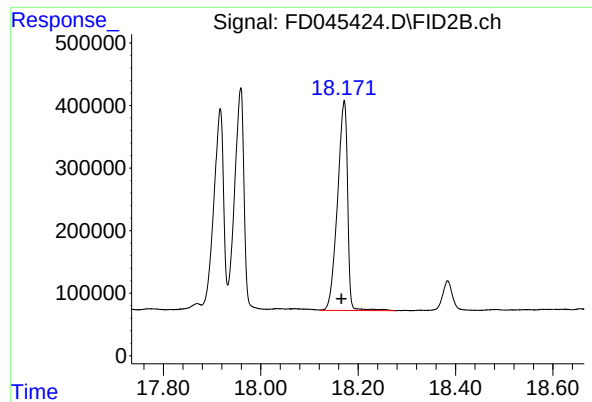
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 4658508
Conc: 39.36 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.003 min
Response: 4719046
Conc: 39.61 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.005 min
Response: 4833810
Conc: 38.70 ug/ml

Instrument :

FID_D

ClientSampleId :