

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043077.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 04:53
 Operator : YP/AJ
 Sample : N3494-24
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 08:21:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

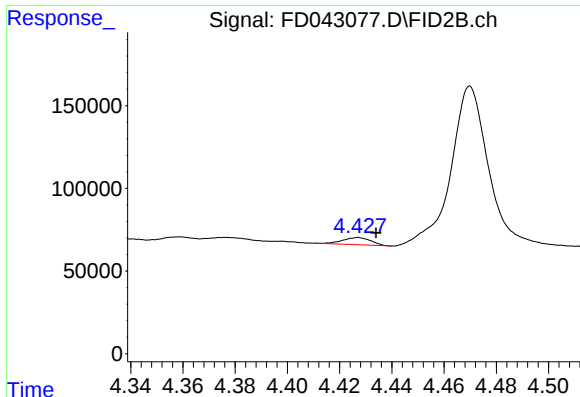
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.638	8678710	56.206 ug/ml
Spiked Amount 50.000		Recovery =	112.41%
6) S 2-Fluorobiphenyl (SURR)	8.505	7280262	69.024 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	138.05%#
11) S ortho-Terphenyl (SURR)	11.553	8673990	47.725 ug/ml
Spiked Amount 50.000		Recovery =	95.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.427	32353	0.193 ug/ml
2) T Naphthalene (C11.7)	5.971	319169	1.823 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	646549	4.020 ug/ml
5) T Acenaphthylene (C15.06)	8.296	2081825	11.712 ug/ml
7) T Acenaphthene (C15.5)	8.613	1391790	7.948 ug/ml
8) T Flouorene (C16.55)	9.384	1407274	8.119 ug/ml
9) T Phenanthrene (C19.36)	10.785	3885099	22.652 ug/ml
10) T Anthracene (C19.43)	10.859	2938590	17.297 ug/ml
12) T Fluoranthene (C21.85)	12.600	1282319	7.646 ug/ml
13) T Pyrene (C20.8)	12.897	718693	4.410 ug/ml
14) T Benzo[a]anthracene (C...	14.773	3919184	25.236 ug/ml
15) T Chrysene (C27.41)	14.815	1383260	8.764 ug/ml
16) T benzo[b]fluoranthene ...	16.331	1615348	10.597 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	1615348	11.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	649767	4.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.065	343699	2.747 ug/ml
20) T Dibenz[a,h]anthracene...	18.111	189069	1.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	857239	6.572 ug/ml

(f)=RT Delta > 1/2 Window

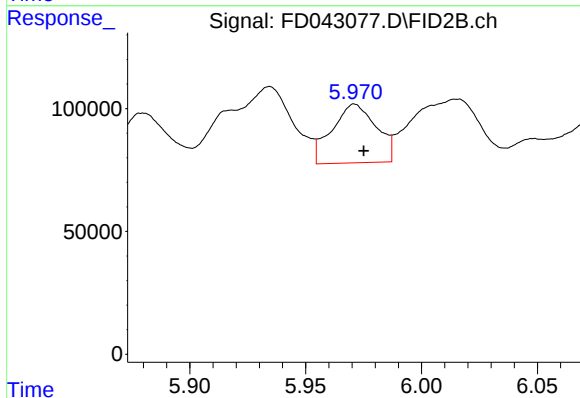
(m)=manual int.



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

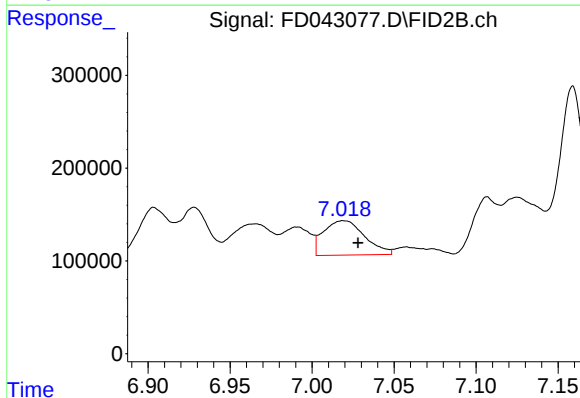
R.T.: 4.427 min
Delta R.T.: -0.007 min
Response: 32353
Conc: 0.19 ug/ml

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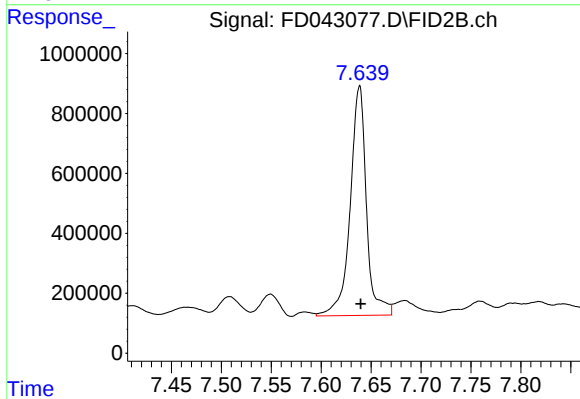
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 319169
Conc: 1.82 ug/ml



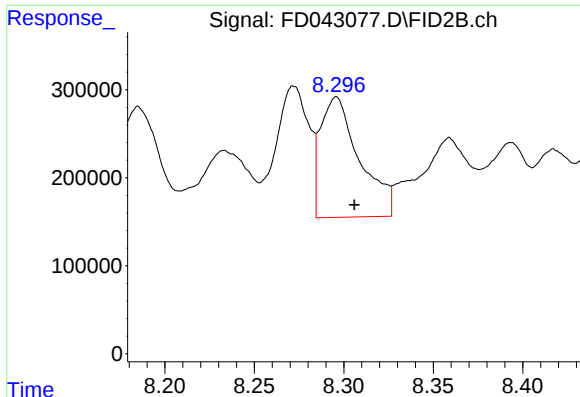
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 646549
Conc: 4.02 ug/ml



#4 2-Bromonaphthalene (SURR)

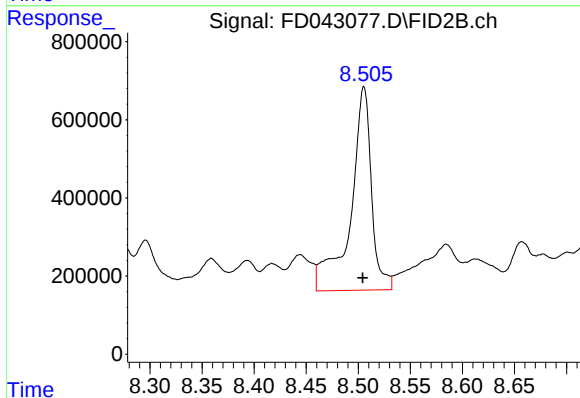
R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 8678710
Conc: 56.21 ug/ml



#5 Acenaphthylene (C15.06)

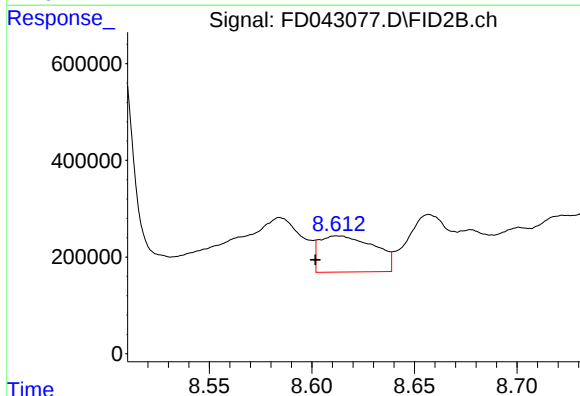
R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 2081825
Conc: 11.71 ug/ml

Instrument :
FID_D
ClientSampleId :



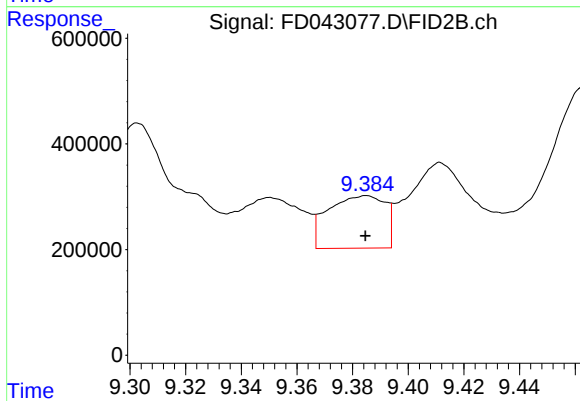
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: 0.001 min
Response: 7280262
Conc: 69.02 ug/ml



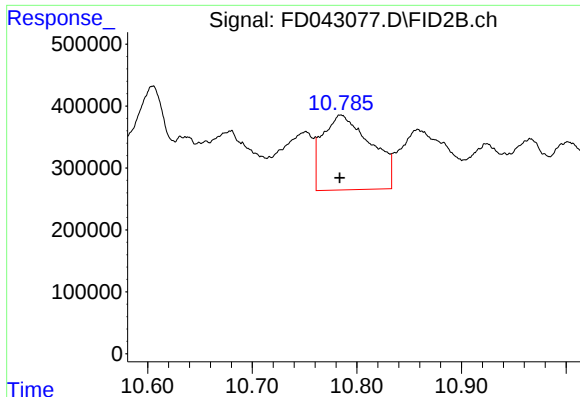
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.011 min
Response: 1391790
Conc: 7.95 ug/ml



#8 Fluorene (C16.55)

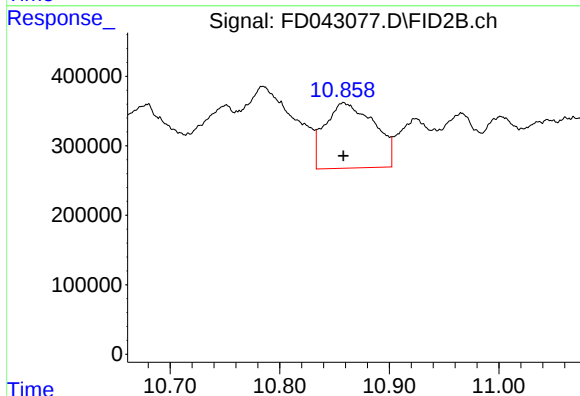
R.T.: 9.384 min
Delta R.T.: 0.000 min
Response: 1407274
Conc: 8.12 ug/ml



#9 Phenanthrene (C19.36)

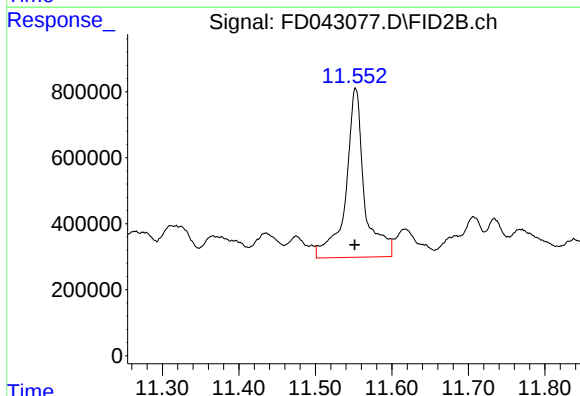
R.T.: 10.785 min
Delta R.T.: 0.001 min
Response: 3885099
Conc: 22.65 ug/ml

Instrument :
FID_D
ClientSampleId :



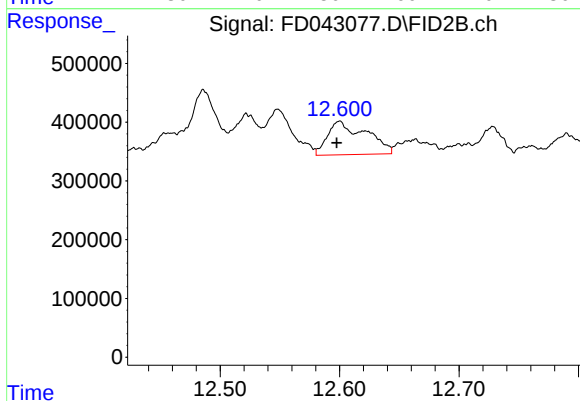
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 2938590
Conc: 17.30 ug/ml



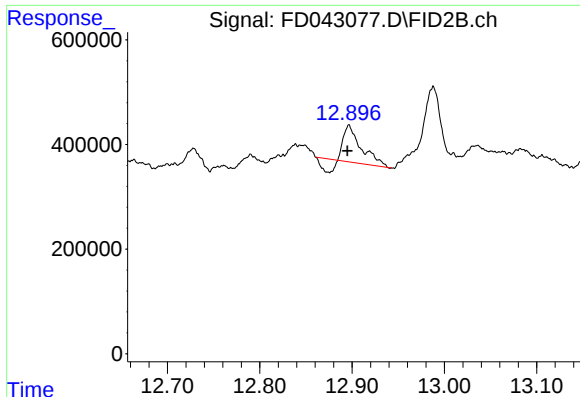
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: 0.001 min
Response: 8673990
Conc: 47.72 ug/ml



#12 Fluoranthene (C21.85)

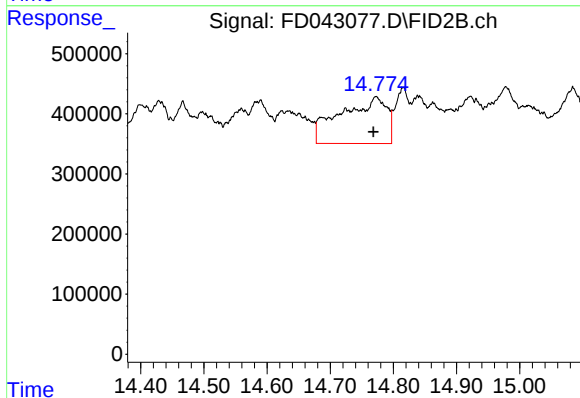
R.T.: 12.600 min
Delta R.T.: 0.002 min
Response: 1282319
Conc: 7.65 ug/ml



#13 Pyrene (C20.8)

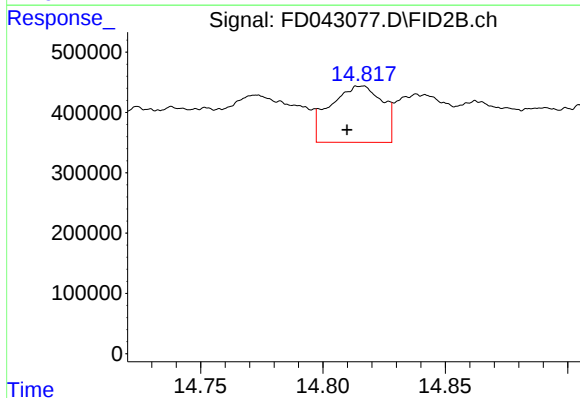
R.T.: 12.897 min
Delta R.T.: 0.002 min
Response: 718693
Conc: 4.41 ug/ml

Instrument :
FID_D
ClientSampleId :



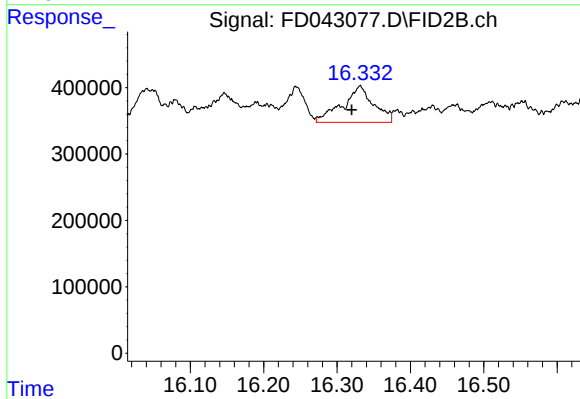
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.773 min
Delta R.T.: 0.004 min
Response: 3919184
Conc: 25.24 ug/ml



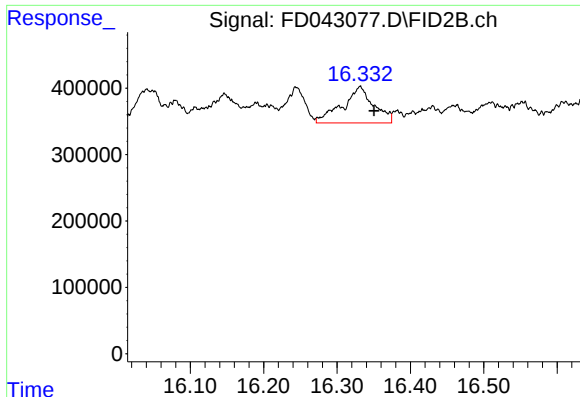
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: 0.006 min
Response: 1383260
Conc: 8.76 ug/ml



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

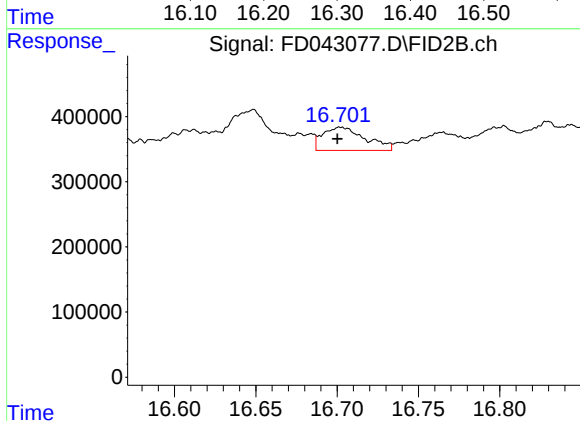
R.T.: 16.331 min
Delta R.T.: 0.011 min
Response: 1615348
Conc: 10.60 ug/ml



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

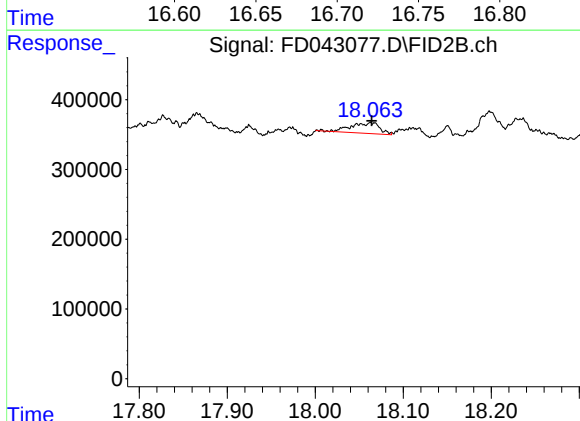
R.T.: 16.331 min
Delta R.T.: -0.019 min
Response: 1615348
Conc: 11.04 ug/ml

Instrument :
FID_D
ClientSampleId :



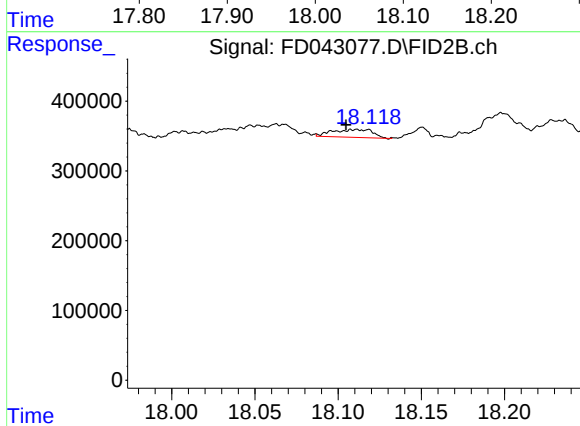
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.003 min
Response: 649767
Conc: 4.54 ug/ml



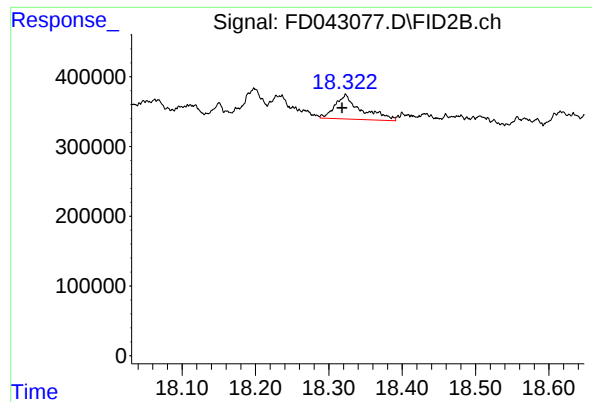
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 343699
Conc: 2.75 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.006 min
Response: 189069
Conc: 1.41 ug/ml



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

R.T.: 18.323 min
Delta R.T.: 0.005 min
Response: 857239
Conc: 6.57 ug/ml

Instrument :

FID_D

ClientSampleId :