

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047787.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 18:18
 Operator : YP/AJ
 Sample : P2474-02MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-114-SB01MS

Integration File: autoint1.e
 Quant Time: May 18 04:05:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

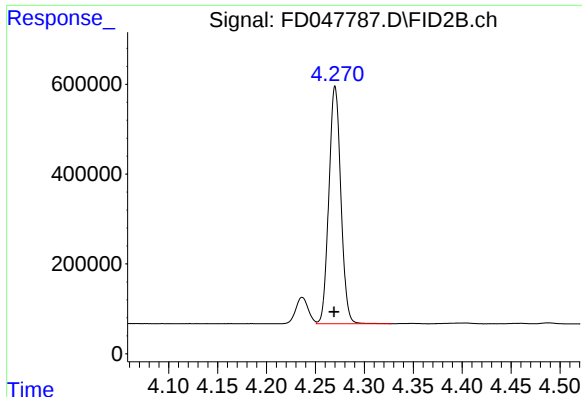
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.459	6430761	41.005 ug/ml
Spiked Amount 50.000		Recovery =	82.01%
6) S 2-Fluorobiphenyl (SURR)	8.313	4074702	38.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.91%
11) S ortho-Terphenyl (SURR)	11.353	4768926	25.430 ug/ml
Spiked Amount 50.000		Recovery =	50.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	4501948	27.845 ug/ml
2) T Naphthalene (C11.7)	5.796	5145434	30.409 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	5299951	31.114 ug/ml
5) T Acenaphthylene (C15.06)	8.116	5581169	34.223 ug/ml
7) T Acenaphthene (C15.5)	8.411	5484315	32.626 ug/ml
8) T Flouorene (C16.55)	9.191	5581879	33.556 ug/ml
9) T Phenanthrene (C19.36)	10.581	5755744	35.157 ug/ml
10) T Anthracene (C19.43)	10.657	5763130	38.476 ug/ml
12) T Fluoranthene (C21.85)	12.390	5861500	35.324 ug/ml
13) T Pyrene (C20.8)	12.684	5947983	36.556 ug/ml
14) T Benzo[a]anthracene (C...	14.554	5490069	37.610 ug/ml
15) T Chrysene (C27.41)	14.596	5518072	35.016 ug/ml
16) T benzo[b]fluoranthene ...	16.102	5452665	36.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	5438310	36.123 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	5196106	36.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	5594378	41.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	5186192	36.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	5019332	36.558 ug/ml

(f)=RT Delta > 1/2 Window

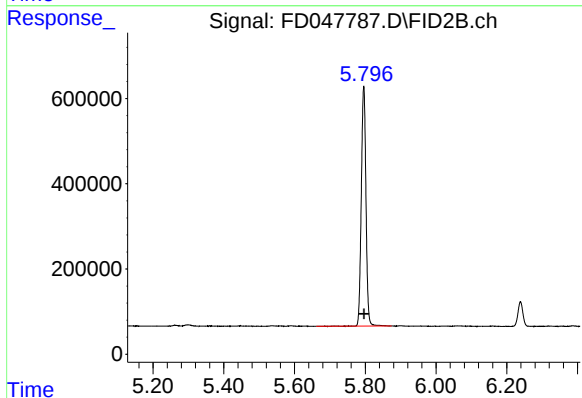
(m)=manual int.



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

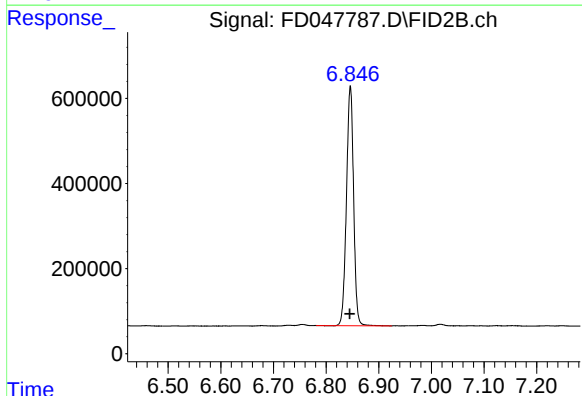
R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 4501948
Conc: 27.84 ug/ml

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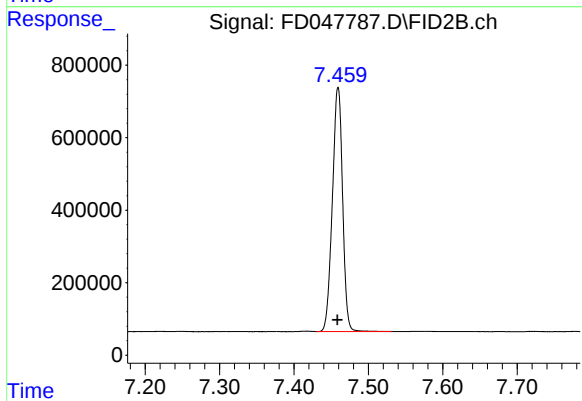
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 5145434
Conc: 30.41 ug/ml



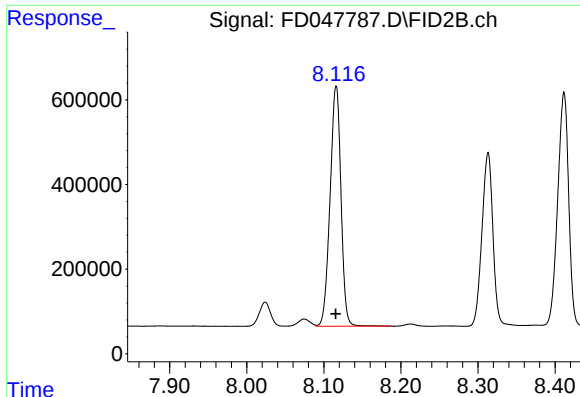
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 5299951
Conc: 31.11 ug/ml



#4 2-Bromonaphthalene (SURR)

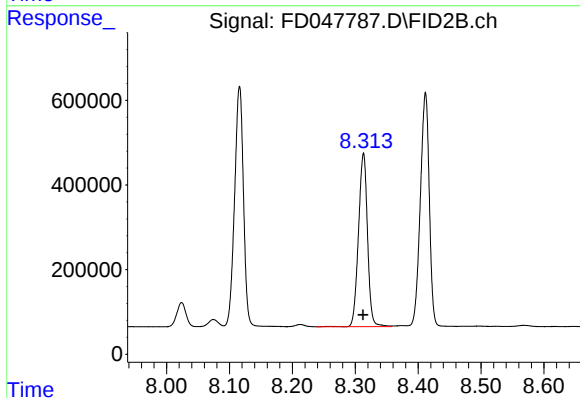
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 6430761
Conc: 41.00 ug/ml



#5 Acenaphthylene (C15.06)

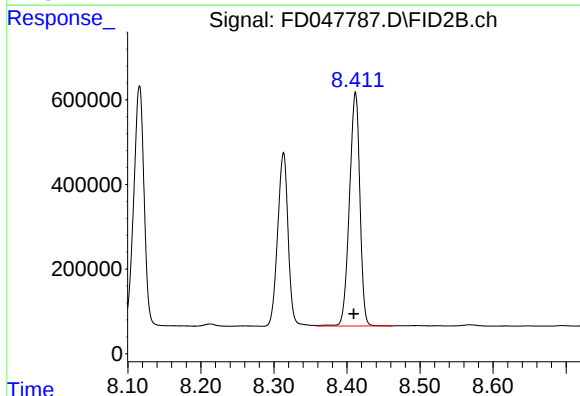
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 5581169
Conc: 34.22 ug/ml

Instrument :
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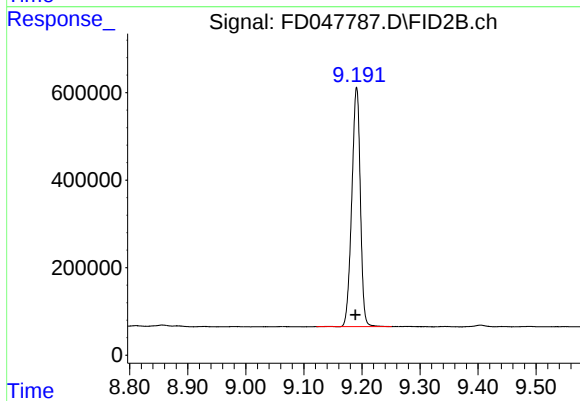
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 4074702
Conc: 38.95 ug/ml



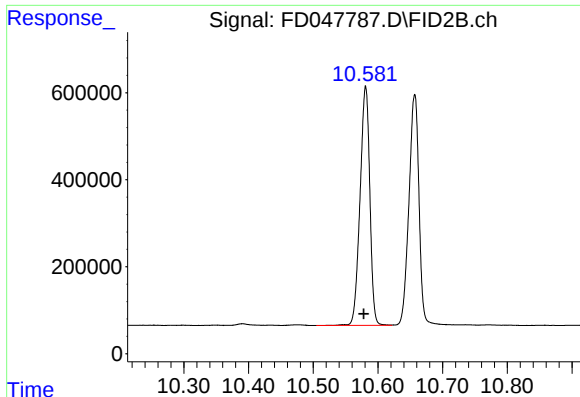
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 5484315
Conc: 32.63 ug/ml



#8 Flouorene (C16.55)

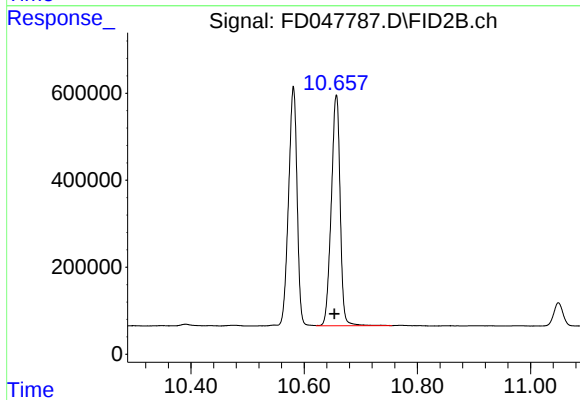
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 5581879
Conc: 33.56 ug/ml



#9 Phenanthrene (C19.36)

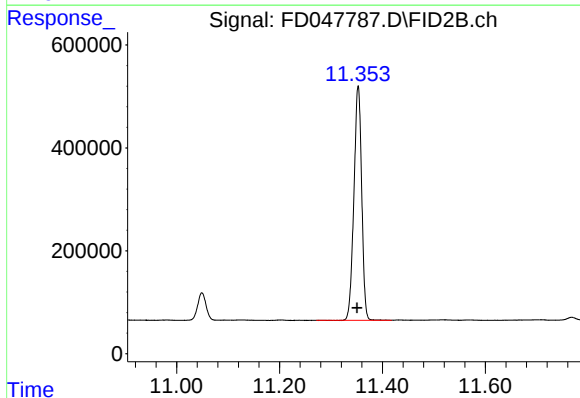
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 5755744
Conc: 35.16 ug/ml

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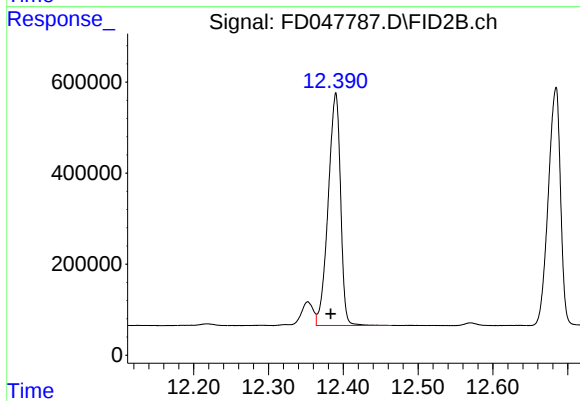
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 5763130
Conc: 38.48 ug/ml



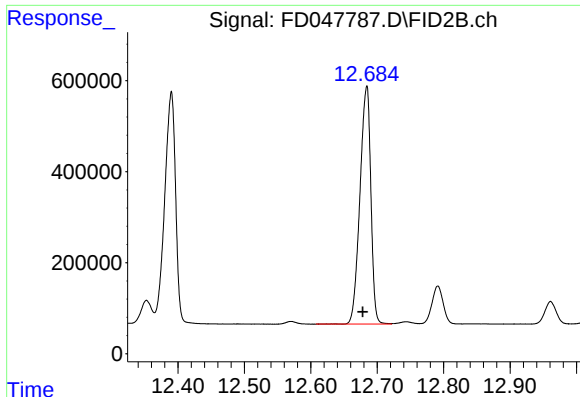
#11 ortho-Terphenyl (SURRE)

R.T.: 11.353 min
Delta R.T.: 0.002 min
Response: 4768926
Conc: 25.43 ug/ml



#12 Fluoranthene (C21.85)

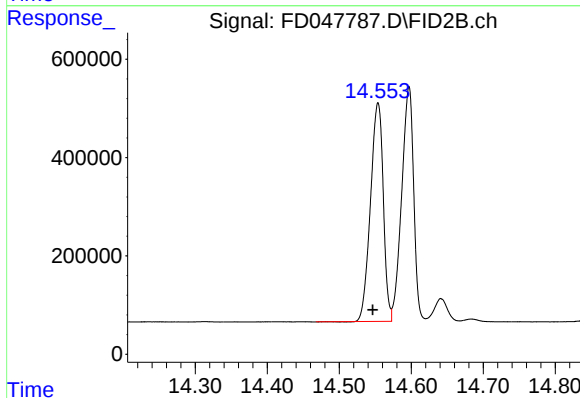
R.T.: 12.390 min
Delta R.T.: 0.006 min
Response: 5861500
Conc: 35.32 ug/ml



#13 Pyrene (C20.8)

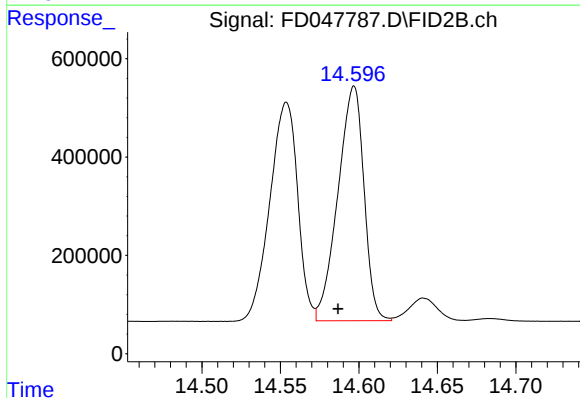
R.T.: 12.684 min
Delta R.T.: 0.005 min
Response: 5947983
Conc: 36.56 ug/ml

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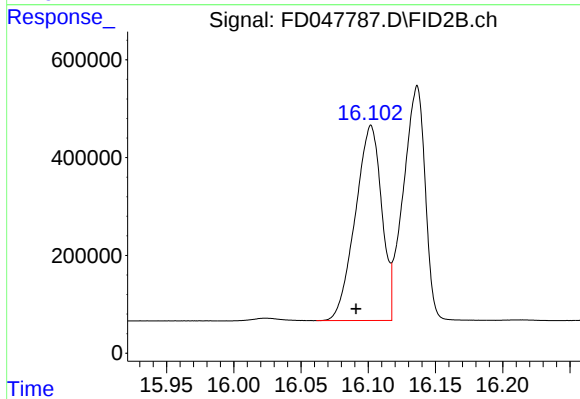
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.007 min
Response: 5490069
Conc: 37.61 ug/ml



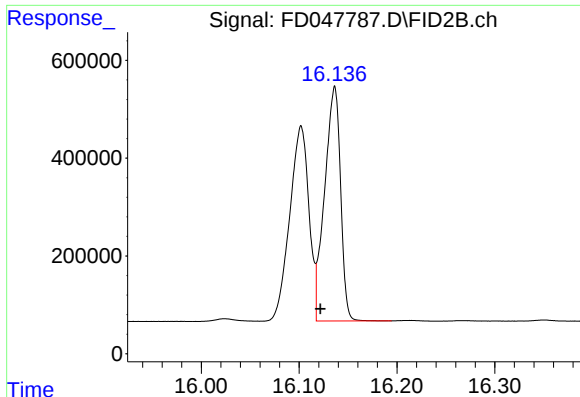
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.010 min
Response: 5518072
Conc: 35.02 ug/ml



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

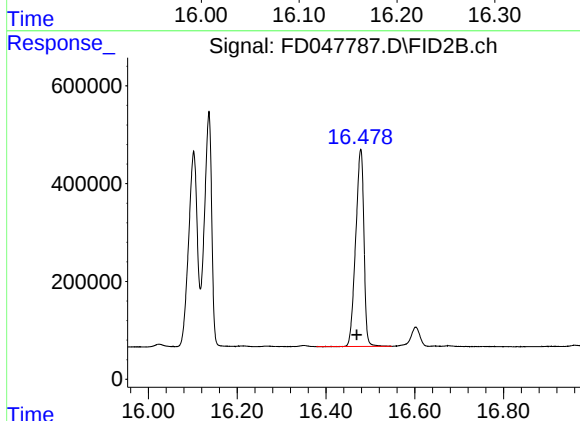
R.T.: 16.102 min
Delta R.T.: 0.011 min
Response: 5452665
Conc: 36.51 ug/ml



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

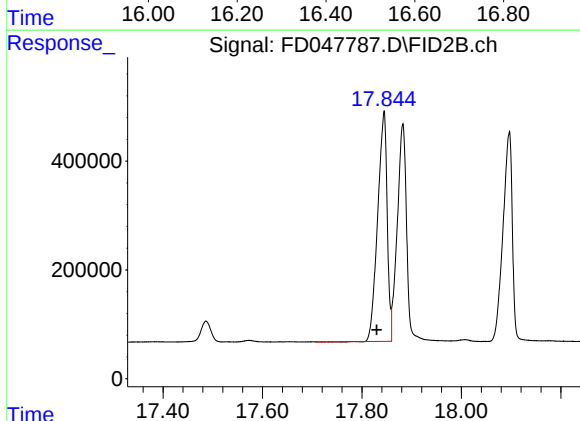
R.T.: 16.136 min
Delta R.T.: 0.014 min
Response: 5438310
Conc: 36.12 ug/ml

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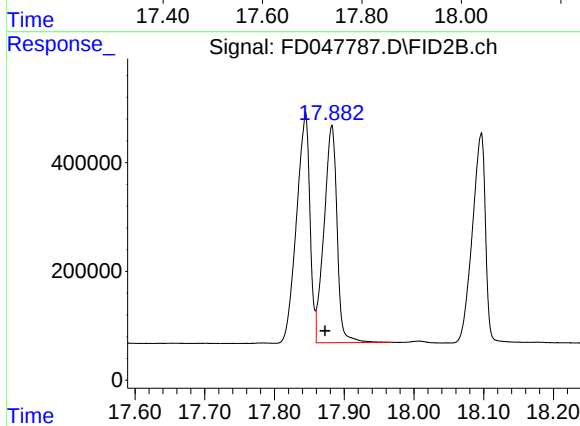
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 5196106
Conc: 36.01 ug/ml



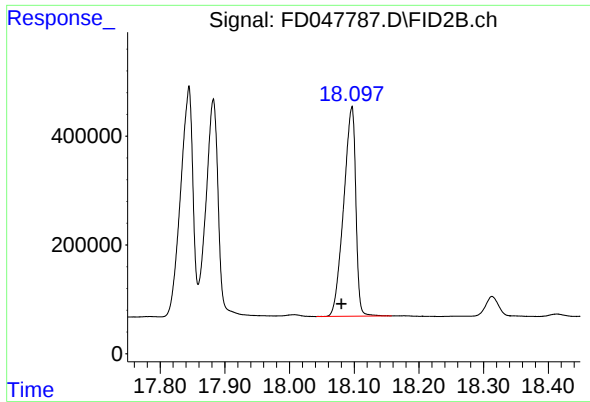
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.014 min
Response: 5594378
Conc: 41.22 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.010 min
Response: 5186192
Conc: 36.22 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.016 min
Response: 5019332
Conc: 36.56 ug/ml

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