

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046745.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2023 19:46
 Operator : YP/AJ
 Sample : PB156363BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156363BSD

Integration File: autoint1.e
 Quant Time: Oct 14 03:01:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

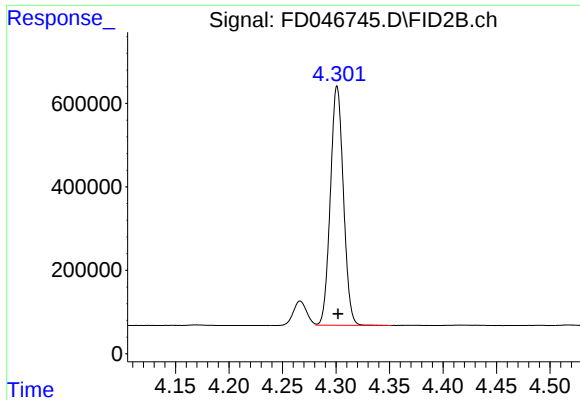
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.489	7816889	42.109 ug/ml
Spiked Amount 50.000		Recovery =	84.22%
6) S 2-Fluorobiphenyl (SURR)	8.342	4273497	35.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.54%
11) S ortho-Terphenyl (SURR)	11.382	8641124	39.939 ug/ml
Spiked Amount 50.000		Recovery =	79.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	4866881	25.064 ug/ml
2) T Naphthalene (C11.7)	5.827	5579569	27.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	5814645	28.466 ug/ml
5) T Acenaphthylene (C15.06)	8.146	6278142	34.011 ug/ml
7) T Acenaphthene (C15.5)	8.442	6381941	32.104 ug/ml
8) T Flouorene (C16.55)	9.221	6844723	35.959 ug/ml
9) T Phenanthrene (C19.36)	10.610	7025269	38.114 ug/ml
10) T Anthracene (C19.43)	10.685	6927594	52.989 ug/ml
12) T Fluoranthene (C21.85)	12.414	7195379	39.493 ug/ml
13) T Pyrene (C20.8)	12.708	7183560	40.964 ug/ml
14) T Benzo[a]anthracene (C...	14.573	6574309	44.893 ug/ml
15) T Chrysene (C27.41)	14.616	6549484	40.708 ug/ml
16) T benzo[b]fluoranthene ...	16.116	6376975	42.677 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	6245081	41.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	5760808	40.735 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	5893794	43.474 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	5602858	39.653 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	5685319	40.416 ug/ml

(f)=RT Delta > 1/2 Window

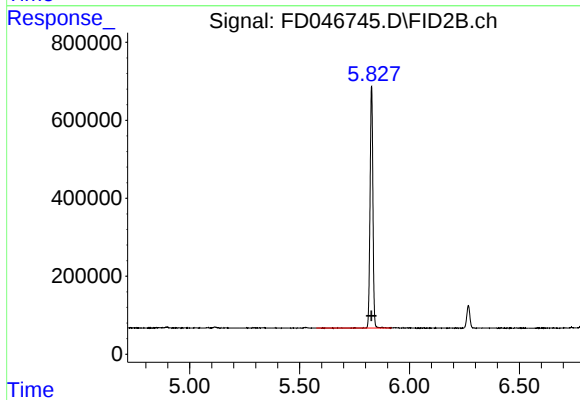
(m)=manual int.



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

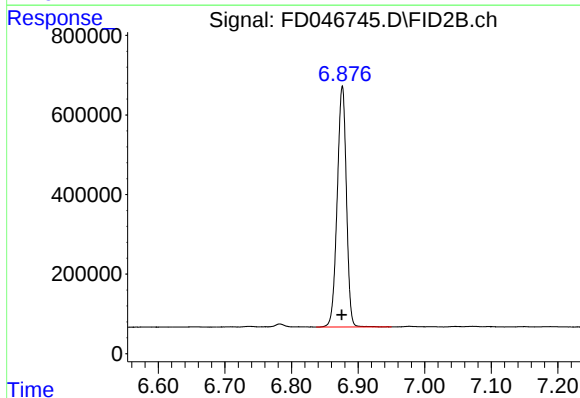
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 4866881
Conc: 25.06 ug/ml

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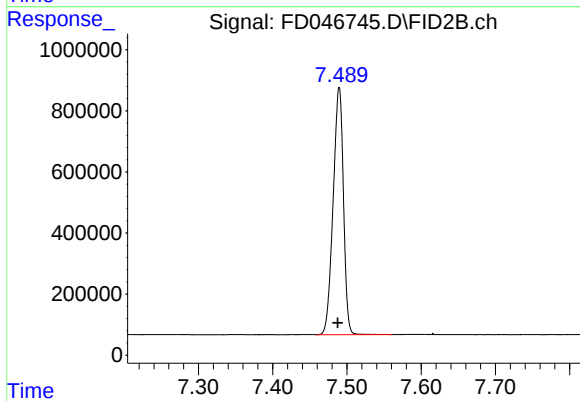
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 5579569
Conc: 27.58 ug/ml



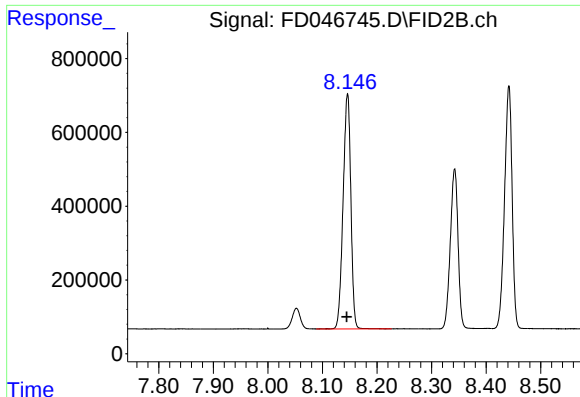
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 5814645
Conc: 28.47 ug/ml



#4 2-Bromonaphthalene (SURR)

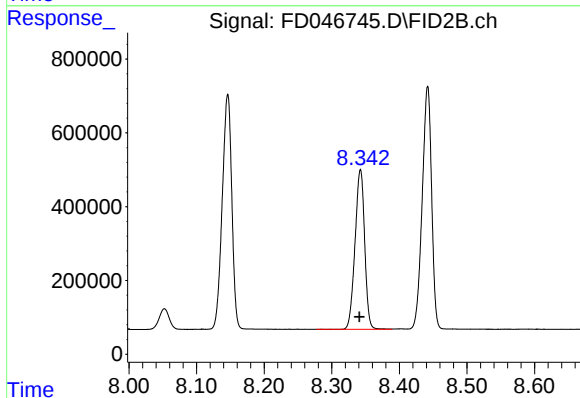
R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 7816889
Conc: 42.11 ug/ml



#5 Acenaphthylene (C15.06)

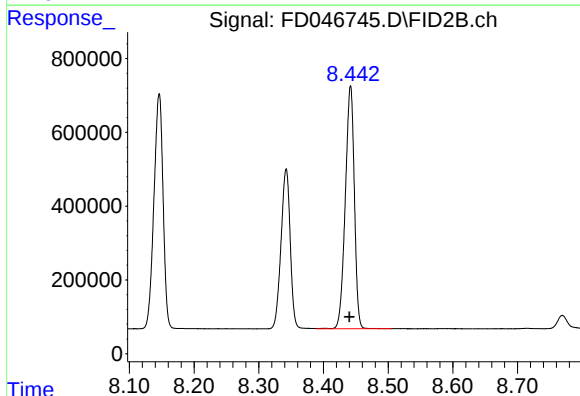
R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 6278142
Conc: 34.01 ug/ml

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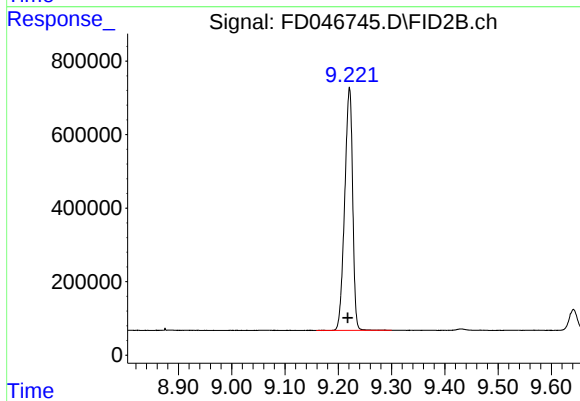
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: 0.002 min
Response: 4273497
Conc: 35.27 ug/ml



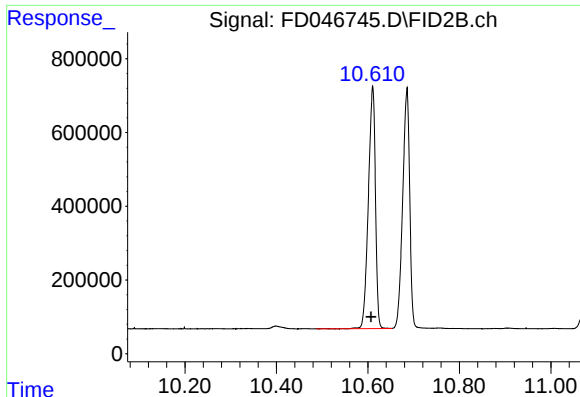
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: 0.002 min
Response: 6381941
Conc: 32.10 ug/ml



#8 Fluorene (C16.55)

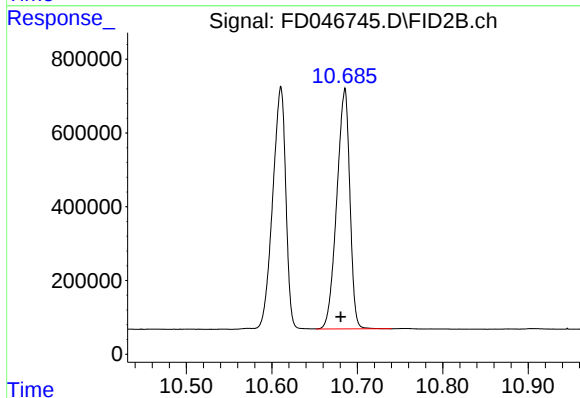
R.T.: 9.221 min
Delta R.T.: 0.003 min
Response: 6844723
Conc: 35.96 ug/ml



#9 Phenanthrene (C19.36)

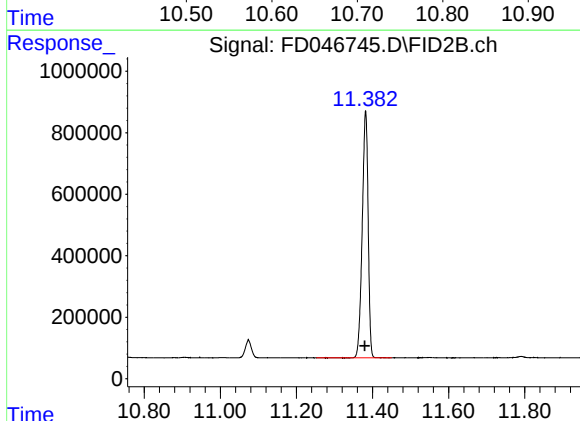
R.T.: 10.610 min
Delta R.T.: 0.003 min
Response: 7025269
Conc: 38.11 ug/ml

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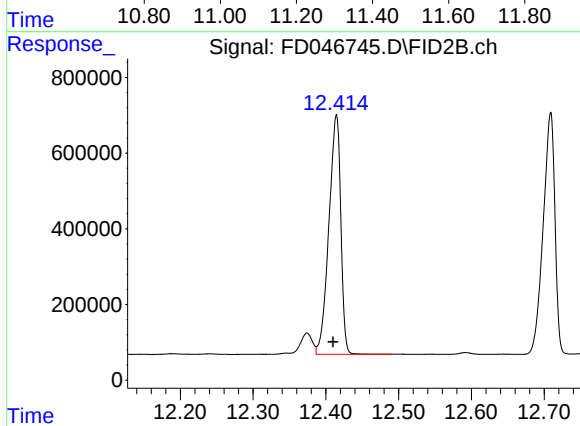
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: 0.005 min
Response: 6927594
Conc: 52.99 ug/ml



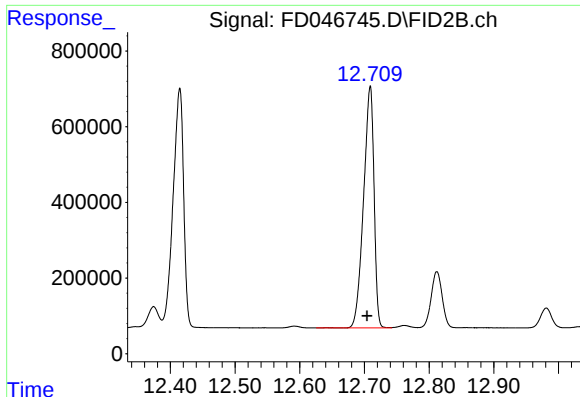
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.003 min
Response: 8641124
Conc: 39.94 ug/ml



#12 Fluoranthene (C21.85)

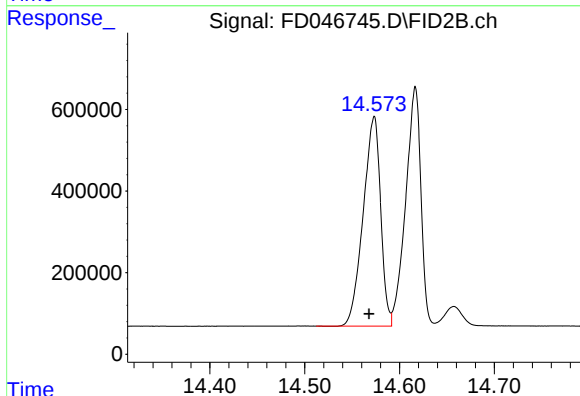
R.T.: 12.414 min
Delta R.T.: 0.004 min
Response: 7195379
Conc: 39.49 ug/ml



#13 Pyrene (C20.8)

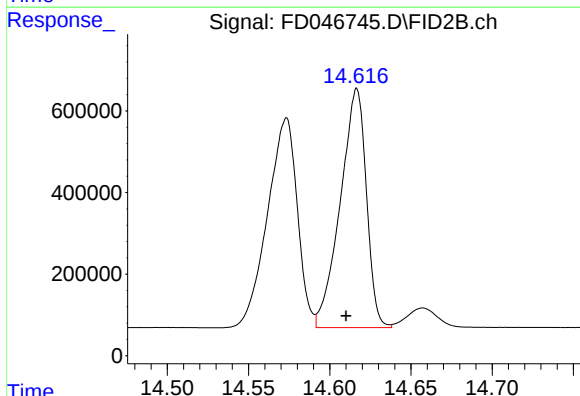
R.T.: 12.708 min
Delta R.T.: 0.005 min
Response: 7183560
Conc: 40.96 ug/ml

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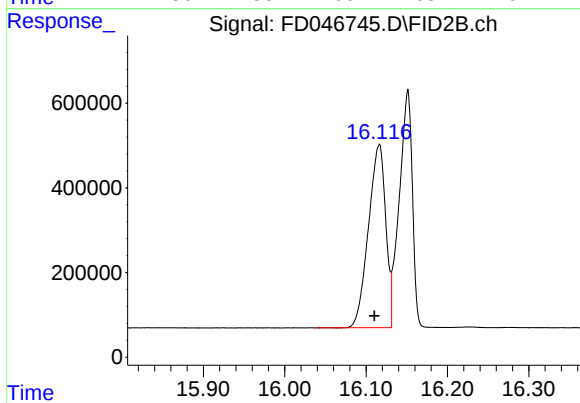
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: 0.005 min
Response: 6574309
Conc: 44.89 ug/ml



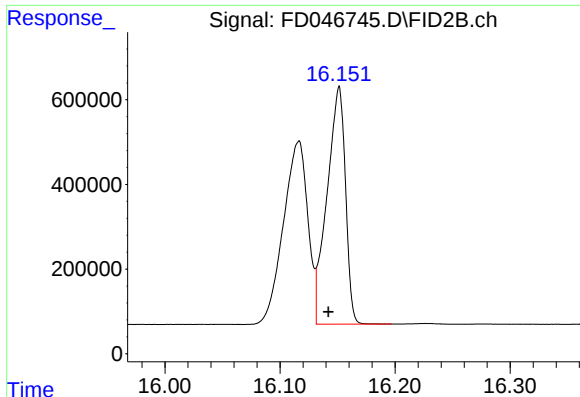
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: 0.006 min
Response: 6549484
Conc: 40.71 ug/ml



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

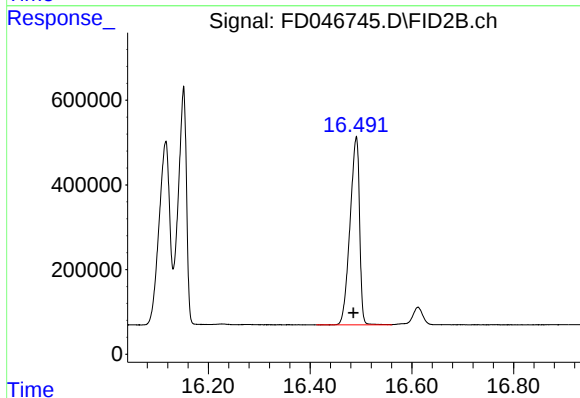
R.T.: 16.116 min
Delta R.T.: 0.006 min
Response: 6376975
Conc: 42.68 ug/ml



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

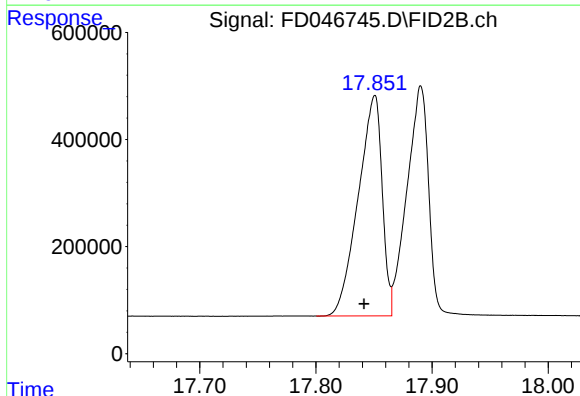
R.T.: 16.151 min
Delta R.T.: 0.009 min
Response: 6245081
Conc: 41.51 ug/ml

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PB156363BSD



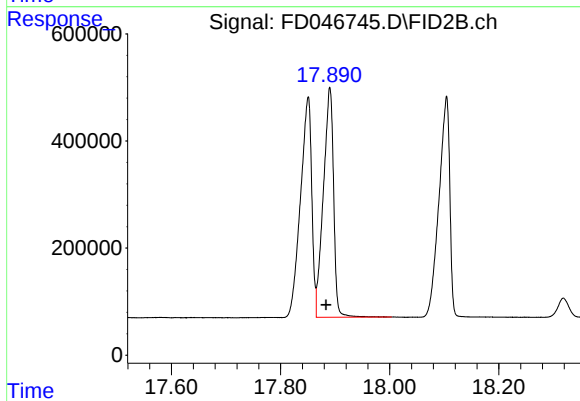
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.005 min
Response: 5760808
Conc: 40.74 ug/ml



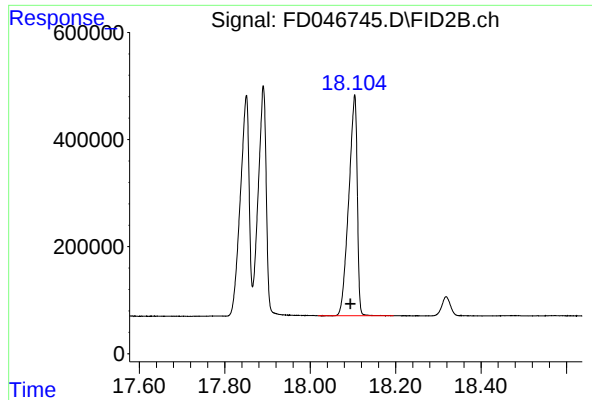
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 5893794
Conc: 43.47 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.006 min
Response: 5602858
Conc: 39.65 ug/ml



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

R.T.: 18.103 min
Delta R.T.: 0.009 min
Response: 5685319
Conc: 40.42 ug/ml

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