

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081522AR\
 Data File : FD043586.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2022 10:33
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 15 12:30:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 Response via : Initial Calibration
 Integrator: ChemStation

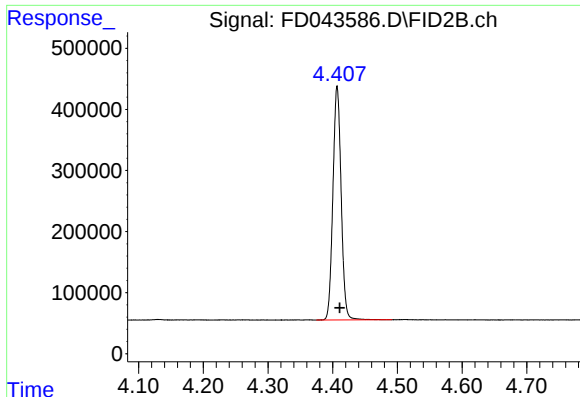
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.612	2915955	20.615 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
6) S 2-Fluorobiphenyl (SURR)	8.476	1889627	19.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.75%
11) S ortho-Terphenyl (SURR)	11.522	3191372	18.829 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	3386840	21.594 ug/ml
2) T Naphthalene (C11.7)	5.947	3384262	20.931 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	3048485	20.820 ug/ml
5) T Acenaphthylene (C15.06)	8.279	3212609	19.789 ug/ml
7) T Acenaphthene (C15.5)	8.574	3221928	19.929 ug/ml
8) T Flouorene (C16.55)	9.357	3081119	19.663 ug/ml
9) T Phenanthrene (C19.36)	10.756	2943348	18.781 ug/ml
10) T Anthracene (C19.43)	10.830	2862119	18.583 ug/ml
12) T Fluoranthene (C21.85)	12.570	2856611	18.036 ug/ml
13) T Pyrene (C20.8)	12.867	2793321	17.774 ug/ml
14) T Benzo[a]anthracene (C...	14.742	2727123	18.485 ug/ml
15) T Chrysene (C27.41)	14.784	2811175	17.990 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2905685	19.425 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2839043	18.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2811315	19.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2555600	21.624 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	2841794	20.035 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	2781676	21.390 ug/ml

(f)=RT Delta > 1/2 Window

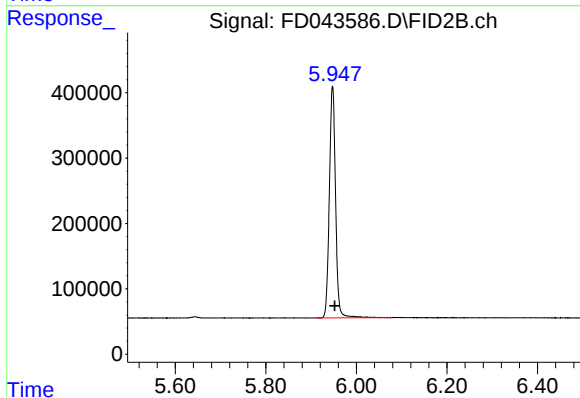
(m)=manual int.



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

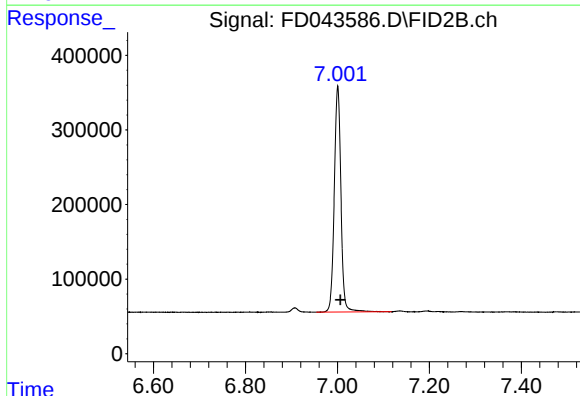
R.T.: 4.407 min
Delta R.T.: -0.004 min
Response: 3386840
Conc: 21.59 ug/ml

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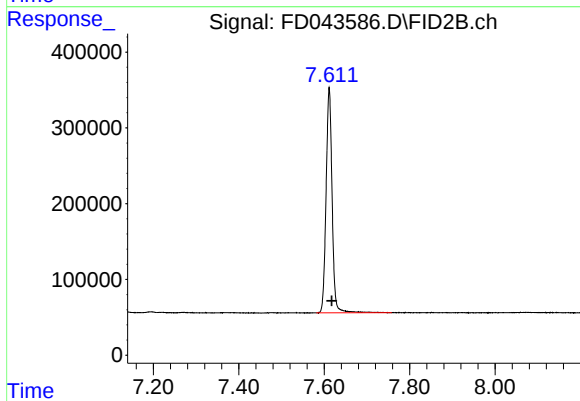
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 3384262
Conc: 20.93 ug/ml



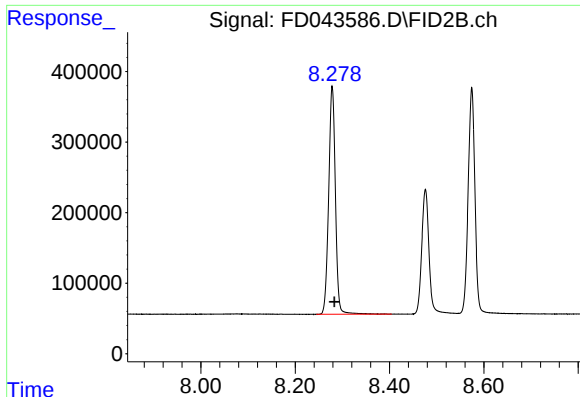
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 3048485
Conc: 20.82 ug/ml



#4 2-Bromonaphthalene (SURR)

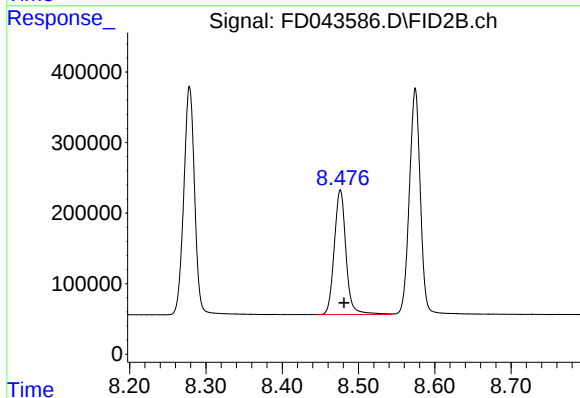
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 2915955
Conc: 20.61 ug/ml



#5 Acenaphthylene (C15.06)

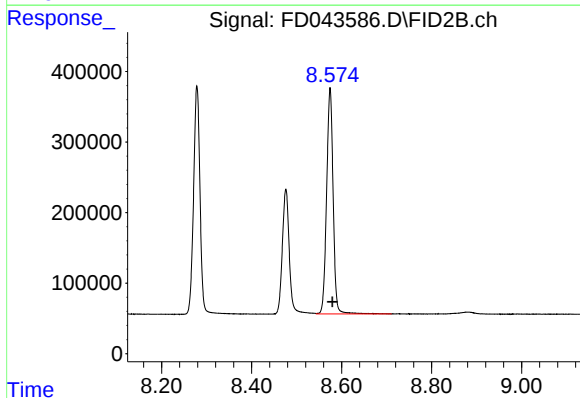
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 3212609
Conc: 19.79 ug/ml

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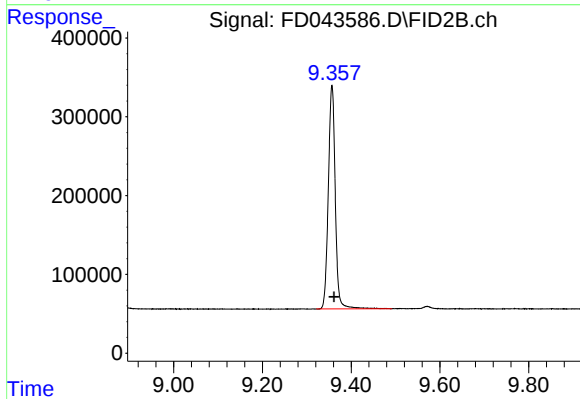
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 1889627
Conc: 19.88 ug/ml



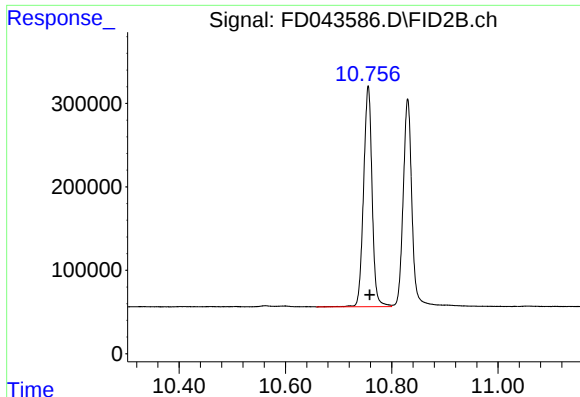
#7 Acenaphthene (C15.5)

R.T.: 8.574 min
Delta R.T.: -0.005 min
Response: 3221928
Conc: 19.93 ug/ml



#8 Flouorene (C16.55)

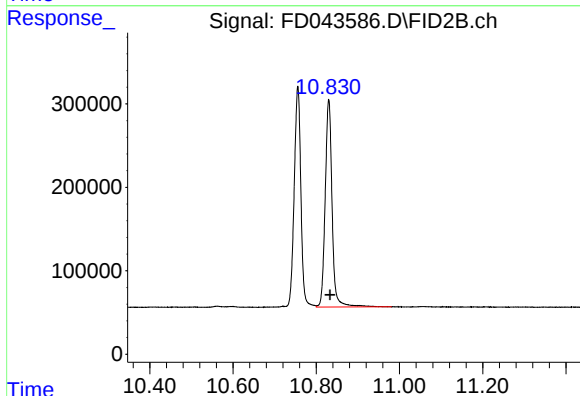
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 3081119
Conc: 19.66 ug/ml



#9 Phenanthrene (C19.36)

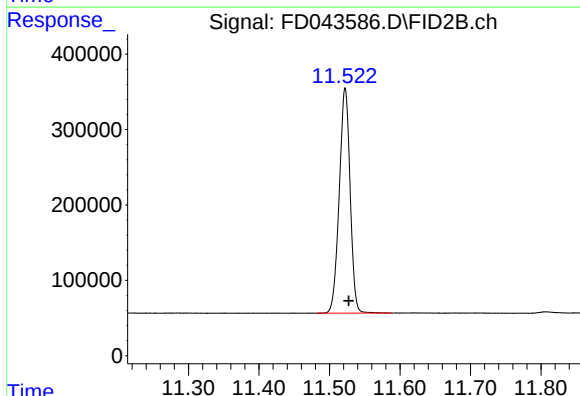
R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 2943348
Conc: 18.78 ug/ml

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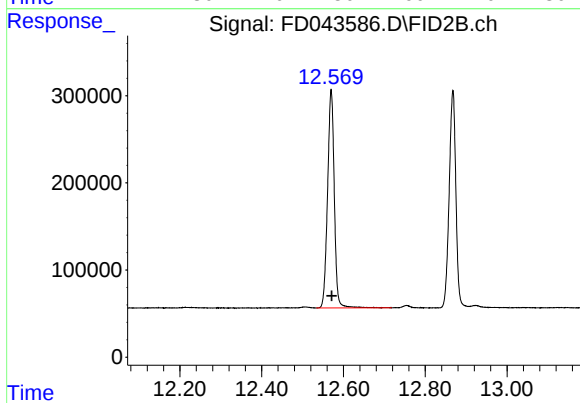
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2862119
Conc: 18.58 ug/ml



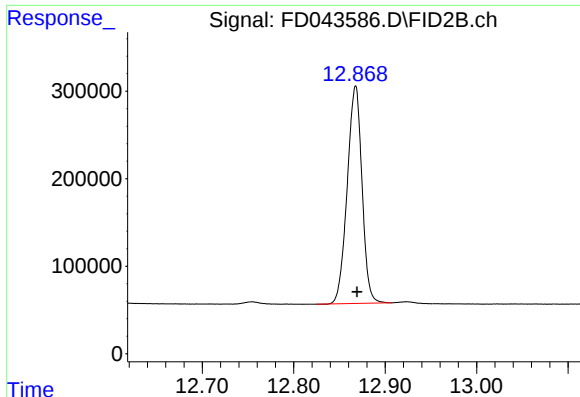
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 3191372
Conc: 18.83 ug/ml



#12 Fluoranthene (C21.85)

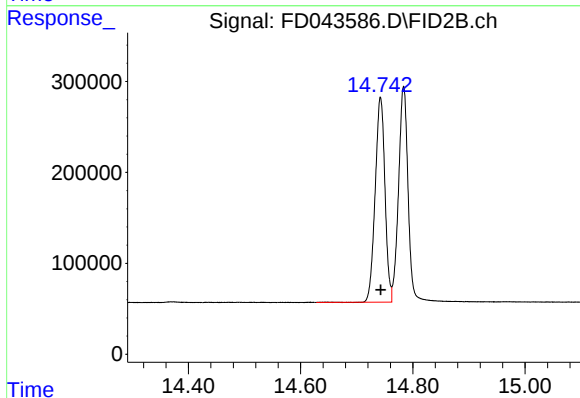
R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2856611
Conc: 18.04 ug/ml



#13 Pyrene (C20.8)

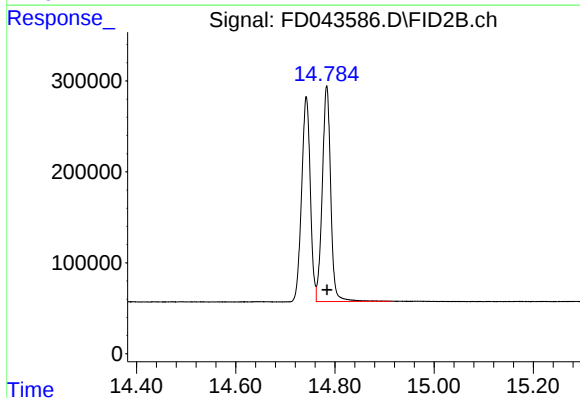
R.T.: 12.867 min
Delta R.T.: -0.002 min
Response: 2793321
Conc: 17.77 ug/ml

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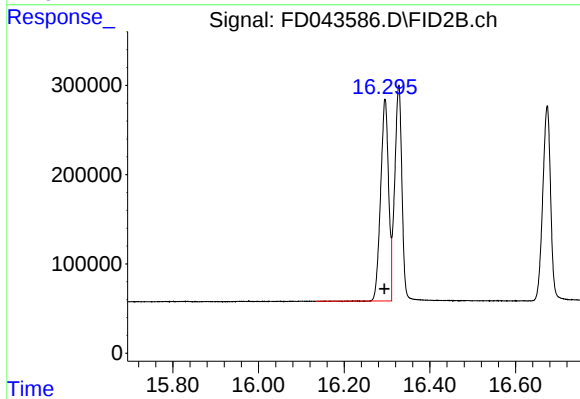
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.000 min
Response: 2727123
Conc: 18.49 ug/ml



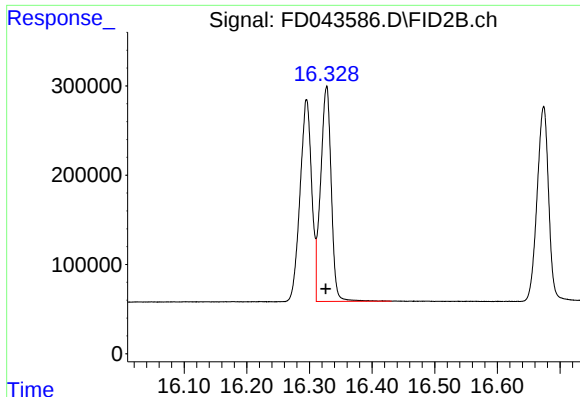
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2811175
Conc: 17.99 ug/ml



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

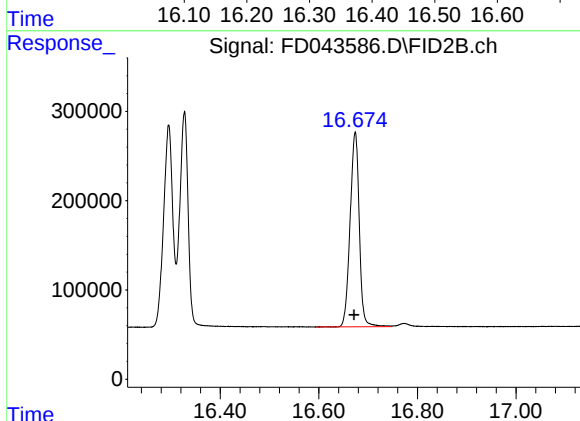
R.T.: 16.295 min
Delta R.T.: 0.001 min
Response: 2905685
Conc: 19.42 ug/ml



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

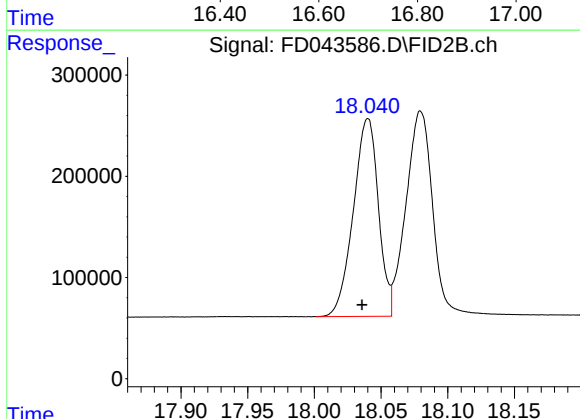
R.T.: 16.327 min
Delta R.T.: 0.000 min
Response: 2839043
Conc: 18.92 ug/ml

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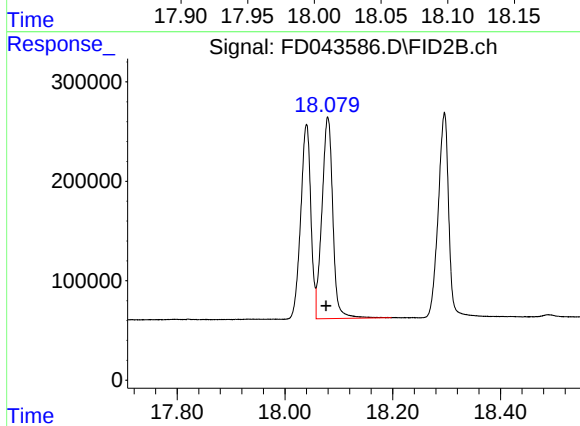
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: 0.002 min
Response: 2811315
Conc: 19.89 ug/ml



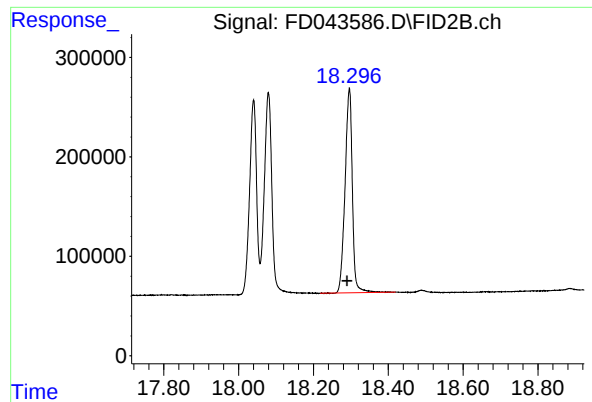
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 2555600
Conc: 21.62 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.003 min
Response: 2841794
Conc: 20.04 ug/ml



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

R.T.: 18.296 min
Delta R.T.: 0.005 min
Response: 2781676
Conc: 21.39 ug/ml

Instrument :

FID_D

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