

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033466.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 12:40
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-SOIL- 5 PPM
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 13 04:08:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.585	5376914	48.892 ug/ml
Spiked Amount 50.000		Recovery =	97.78%
6) S 2-Fluorobiphenyl (SURR)	8.448	3743329	50.412 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	100.82%
11) S ortho-Terphenyl (SURR)	11.479	5831760	45.192 ug/ml
Spiked Amount 50.000		Recovery =	90.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	433298	3.807 ug/ml
2) T Naphthalene (C11.7)	5.930	459813	3.901 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	465457	3.908 ug/ml
5) T Acenaphthylene (C15.06)	8.250	503328	4.170 ug/ml
7) T Acenaphthene (C15.5)	8.543	558287	4.423 ug/ml
8) T Flouorene (C16.55)	9.324	482193	3.937 ug/ml
9) T Phenanthrene (C19.36)	10.718	512402	4.053 ug/ml
10) T Anthracene (C19.43)	10.794	497292	4.087 ug/ml
12) T Fluoranthene (C21.85)	12.525	542187	4.184 ug/ml
13) T Pyrene (C20.8)	12.821	525428	4.067 ug/ml
14) T Benzo[a]anthracene (C...	14.735	689962	5.648 ug/ml
15) T Chrysene (C27.41)	14.735	689962	5.358 ug/ml
16) T benzo[b]fluoranthene ...	16.276	560096	4.502 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	560096	4.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	456643	3.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	533615	4.498 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	533615	4.316 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	499588	4.141 ug/ml

(f)=RT Delta > 1/2 Window

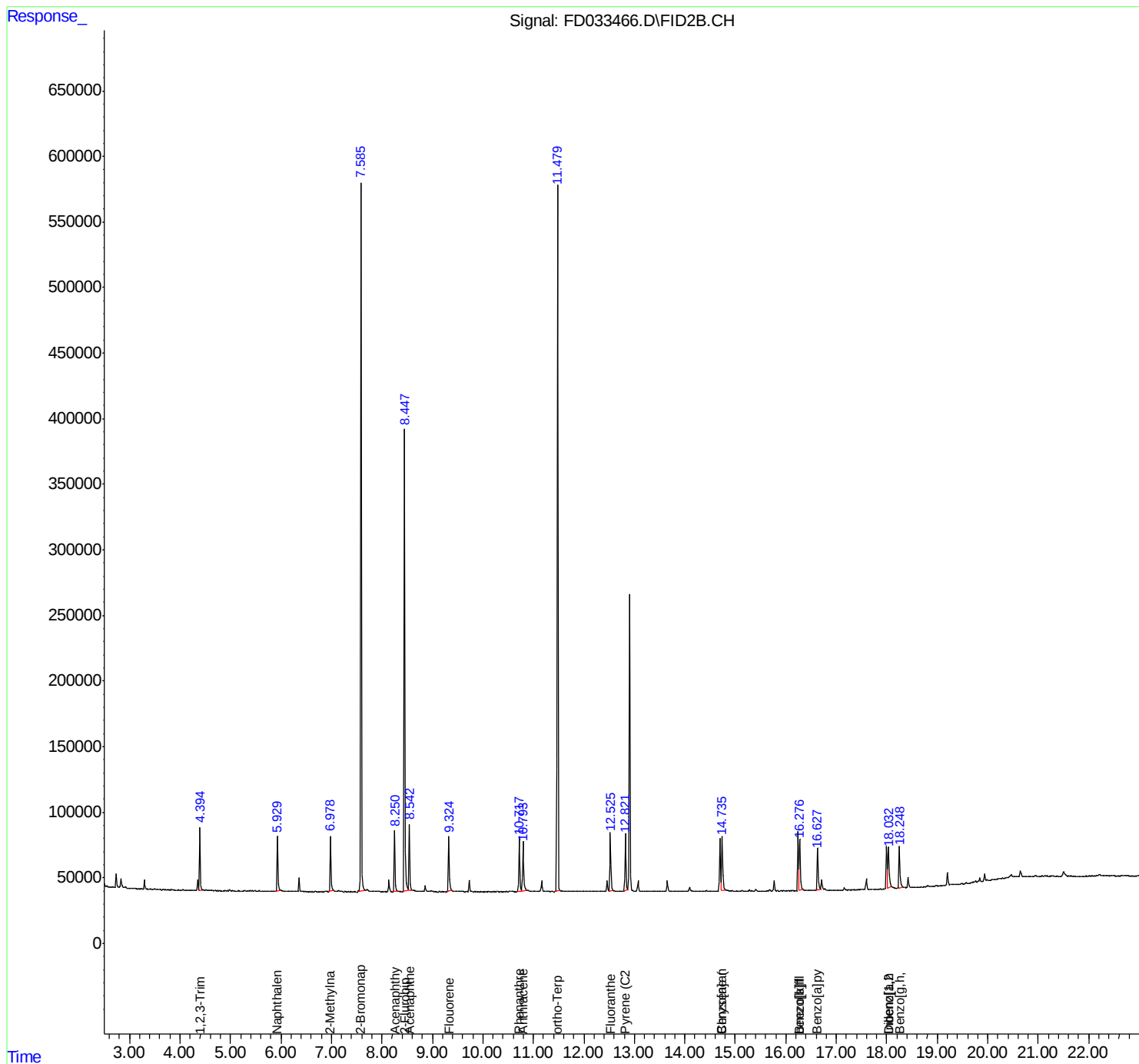
(m)=manual int.

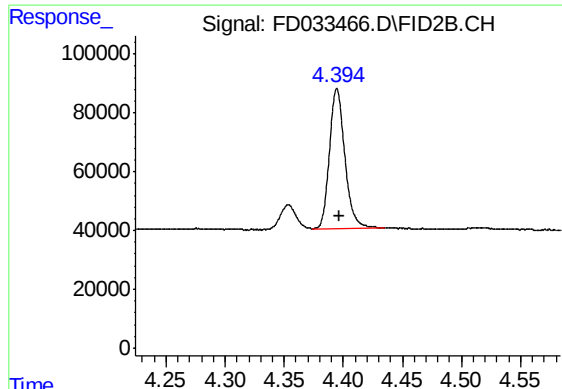
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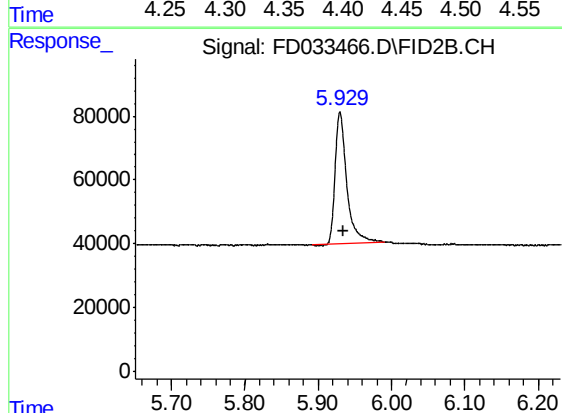




#1 1,2,3-Trimethylbenzene (C10.1)

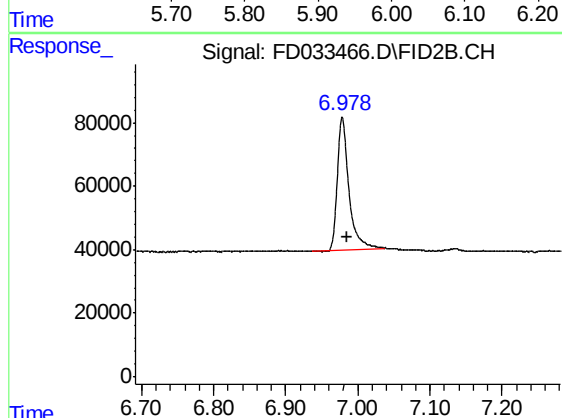
R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 433298
Conc: 3.81 ug/ml

Instrument :
FID_D
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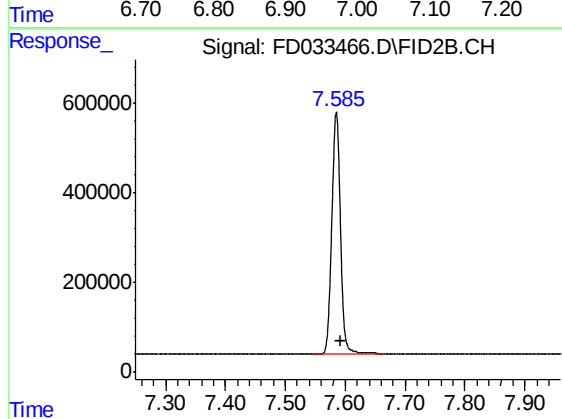
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 459813
Conc: 3.90 ug/ml



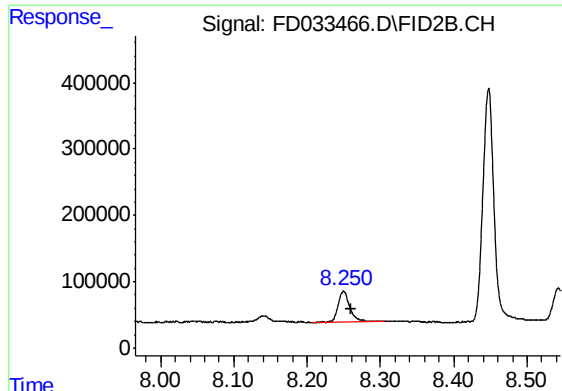
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.008 min
Response: 465457
Conc: 3.91 ug/ml



#4 2-Bromonaphthalene (SURR)

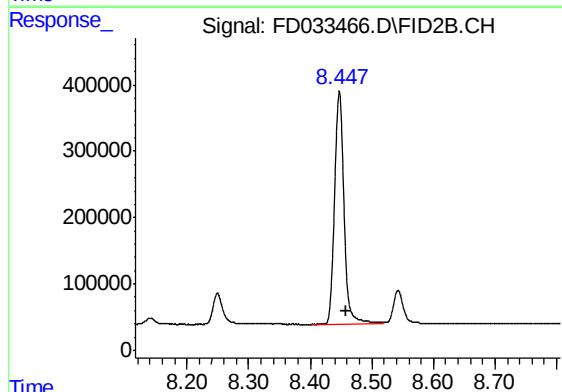
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5376914
Conc: 48.89 ug/ml



#5 Acenaphthylene (C15.06)

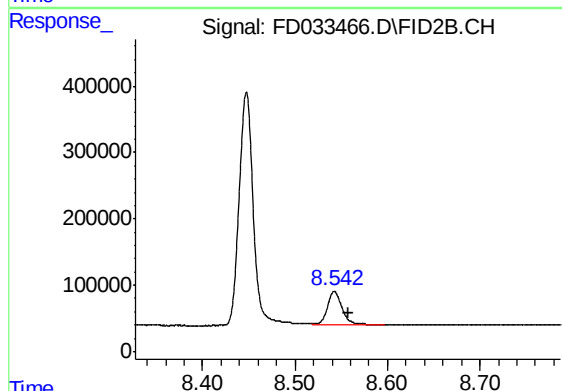
R.T.: 8.250 min
Delta R.T.: -0.011 min
Response: 503328
Conc: 4.17 ug/ml

Instrument :
FID_D
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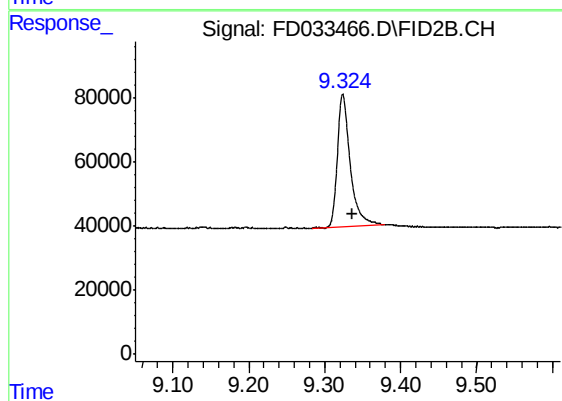
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.010 min
Response: 3743329
Conc: 50.41 ug/ml



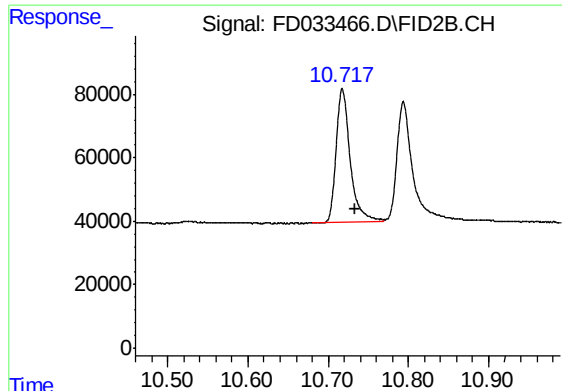
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.015 min
Response: 558287
Conc: 4.42 ug/ml



#8 Flouorene (C16.55)

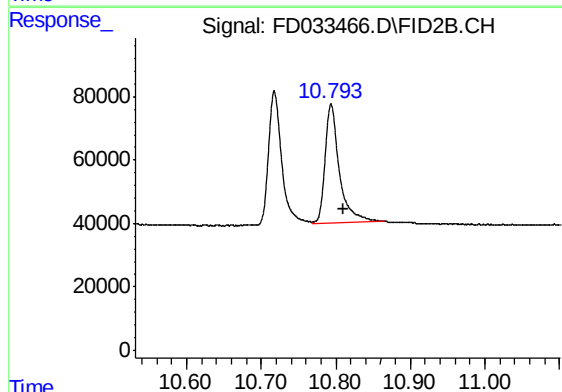
R.T.: 9.324 min
Delta R.T.: -0.013 min
Response: 482193
Conc: 3.94 ug/ml



#9 Phenanthrene (C19.36)

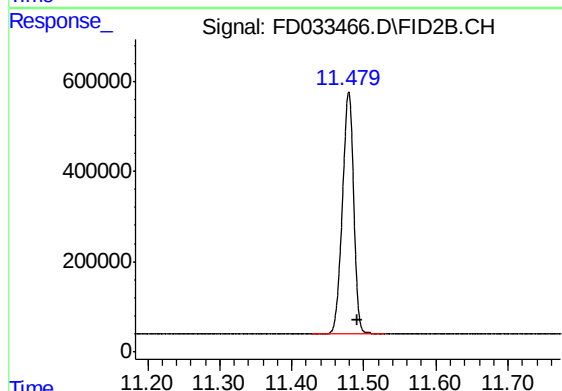
R.T.: 10.718 min
Delta R.T.: -0.015 min
Response: 512402
Conc: 4.05 ug/ml

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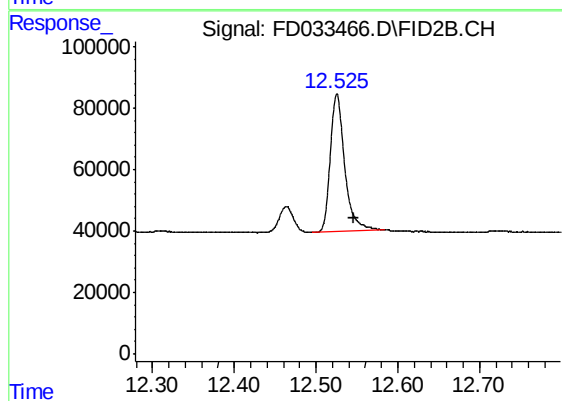
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.016 min
Response: 497292
Conc: 4.09 ug/ml



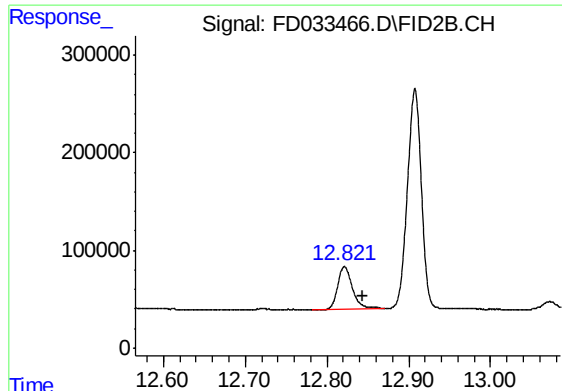
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5831760
Conc: 45.19 ug/ml



#12 Fluoranthene (C21.85)

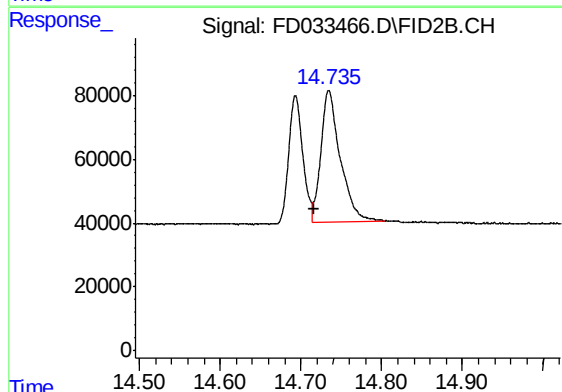
R.T.: 12.525 min
Delta R.T.: -0.021 min
Response: 542187
Conc: 4.18 ug/ml



#13 Pyrene (C20.8)

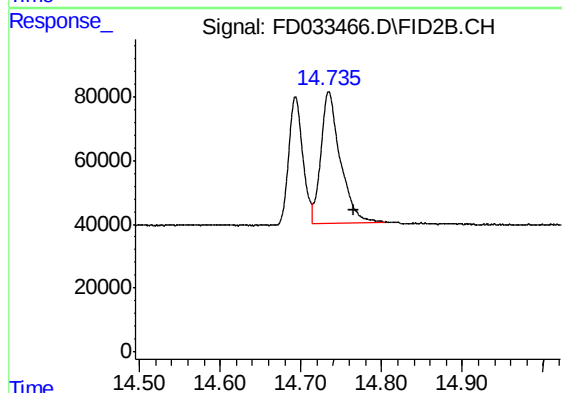
R.T.: 12.821 min
Delta R.T.: -0.023 min
Response: 525428
Conc: 4.07 ug/ml

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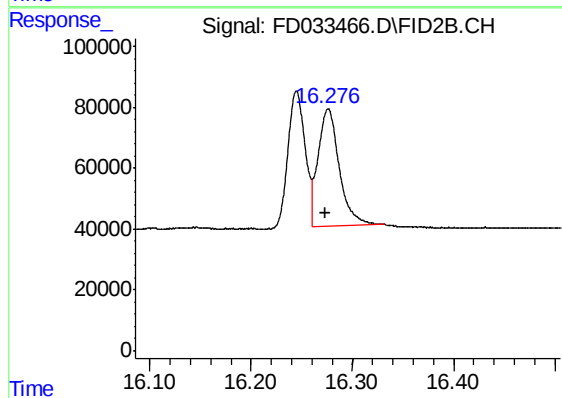
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: 0.018 min
Response: 689962
Conc: 5.65 ug/ml



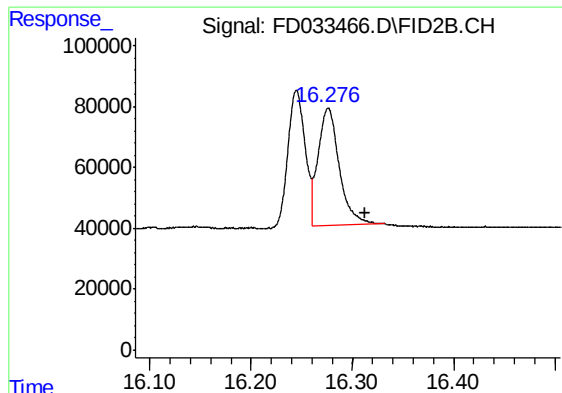
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.030 min
Response: 689962
Conc: 5.36 ug/ml



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

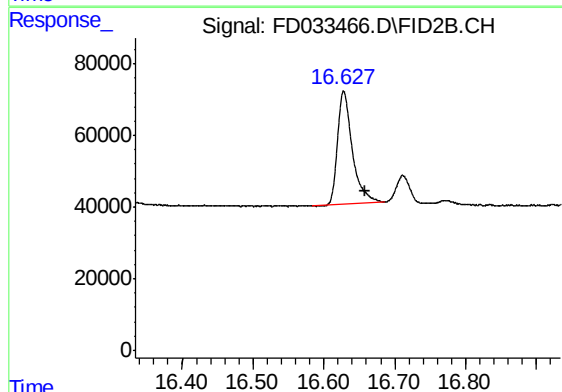
R.T.: 16.276 min
Delta R.T.: 0.003 min
Response: 560096
Conc: 4.50 ug/ml



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

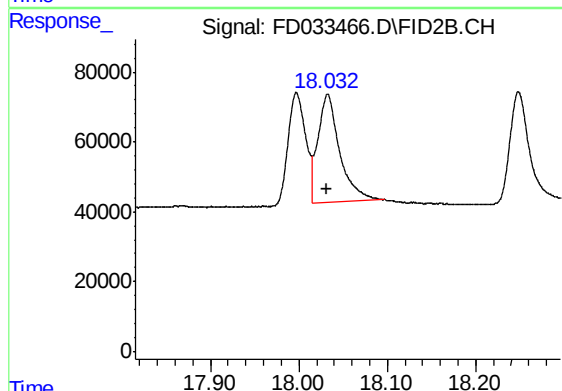
R.T.: 16.276 min
Delta R.T.: -0.037 min
Response: 560096
Conc: 4.35 ug/ml

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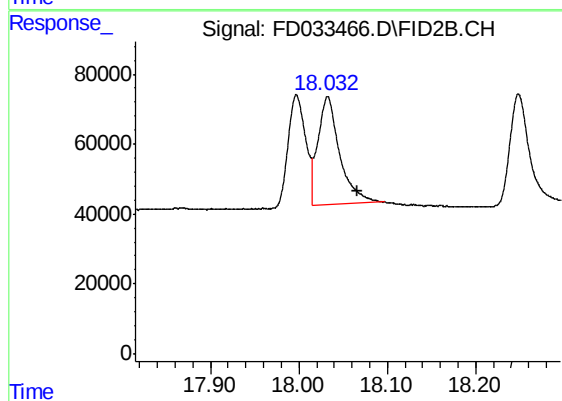
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: -0.030 min
Response: 456643
Conc: 3.70 ug/ml



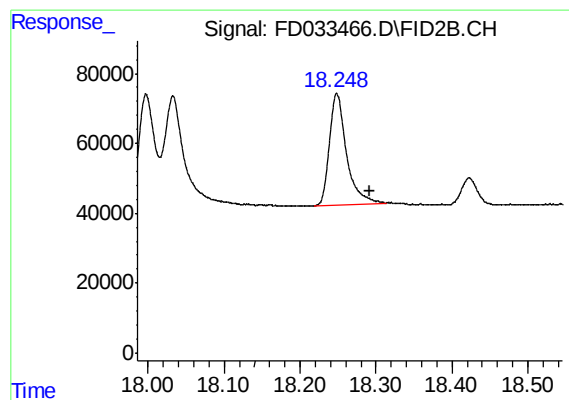
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.001 min
Response: 533615
Conc: 4.50 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.033 min
Response: 533615
Conc: 4.32 ug/ml



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

R.T.: 18.248 min
Delta R.T.: -0.043 min
Response: 499588
Conc: 4.14 ug/ml

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