

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048111.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 08:54
 Operator : YP/AJ
 Sample : P3390-03
 Misc : 2.5PPM SOIL MDL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 02 04:26:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.405	7442484	50.076 ug/ml
Spiked Amount 50.000		Recovery =	100.15%
6) S 2-Fluorobiphenyl (SURR)	8.256	4873992	51.500 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	103.00%
11) S ortho-Terphenyl (SURR)	11.295	7451434	44.534 ug/ml
Spiked Amount 50.000		Recovery =	89.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	304779	1.820 ug/ml
2) T Naphthalene (C11.7)	5.746	344330	1.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	348838	2.011 ug/ml
5) T Acenaphthylene (C15.06)	8.058	354999	2.072 ug/ml
7) T Acenaphthene (C15.5)	8.351	381825	2.201 ug/ml
8) T Flouorene (C16.55)	9.132	351113	2.162 ug/ml
9) T Phenanthrene (C19.36)	10.520	315069	1.984 ug/ml
10) T Anthracene (C19.43)	10.596	309176	1.958 ug/ml
12) T Fluoranthene (C21.85)	12.325	332861	2.102 ug/ml
13) T Pyrene (C20.8)	12.617	343158	2.170 ug/ml
14) T Benzo[a]anthracene (C...	14.490	273601	2.004 ug/ml
15) T Chrysene (C27.41)	14.529	325717	2.021 ug/ml
16) T benzo[b]fluoranthene ...	16.033	282901	1.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	326526	2.186 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	280833	1.983 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	245567	2.177 ug/ml
20) T Dibenz[a,h]anthracene...	17.822	368842	2.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	290317	1.970 ug/ml

(f)=RT Delta > 1/2 Window

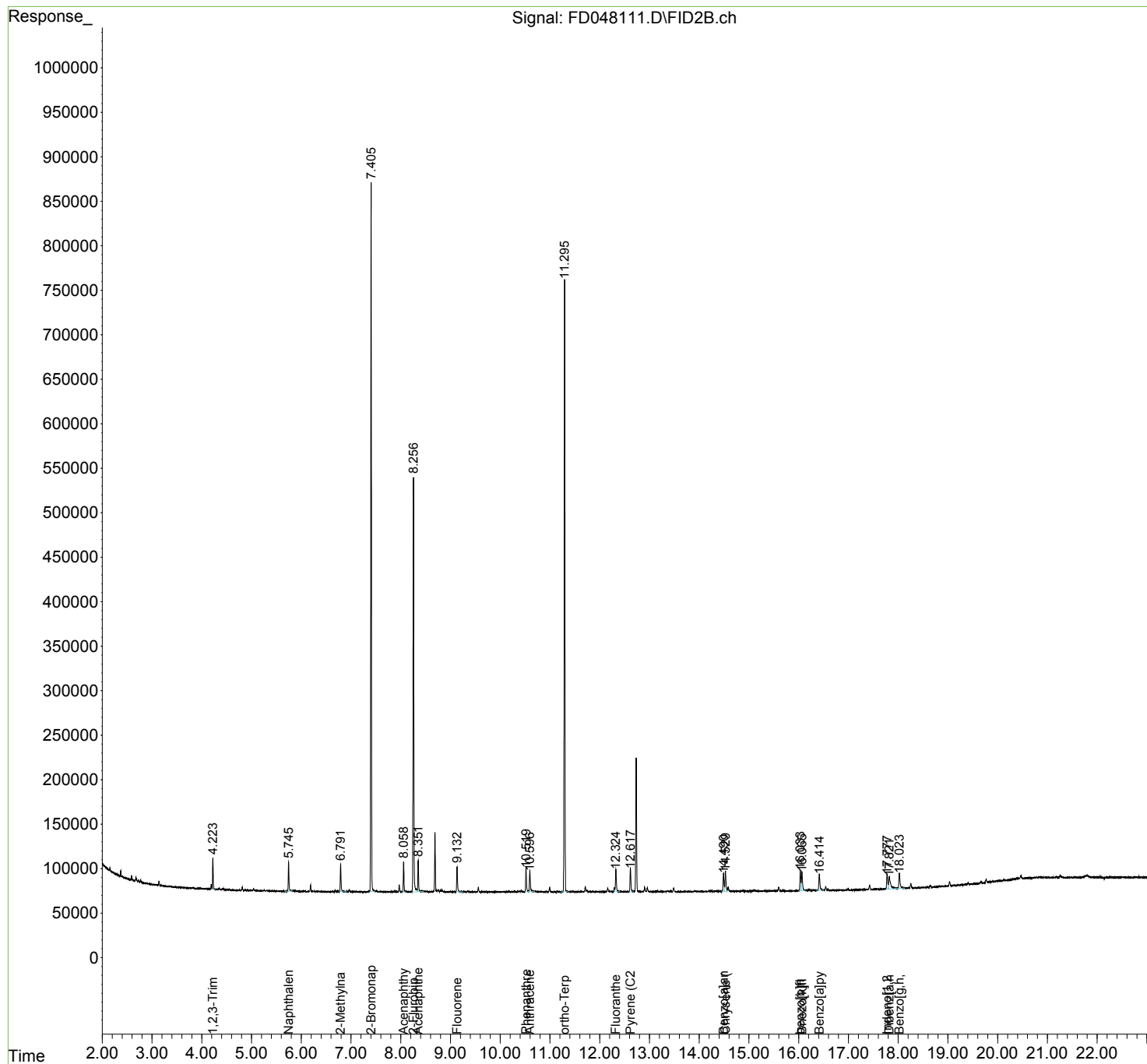
(m)=manual int.

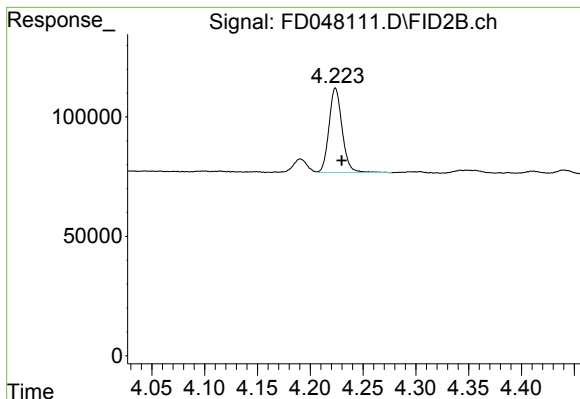
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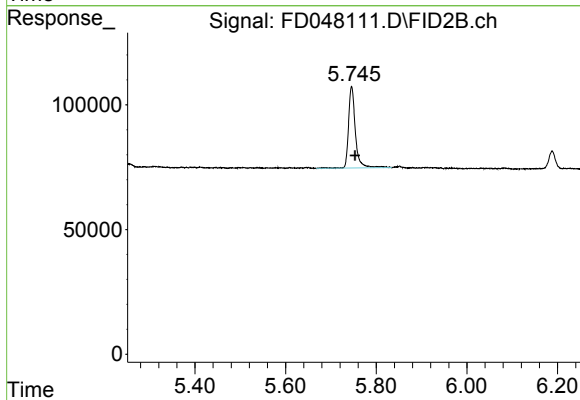




#1 1,2,3-Trimethylbenzene (C10.1)

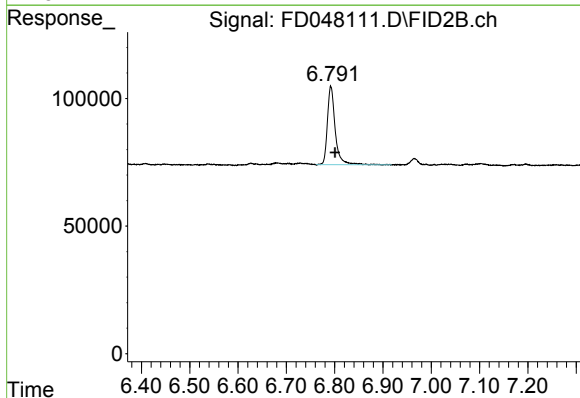
R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 304779
Conc: 1.82 ug/ml

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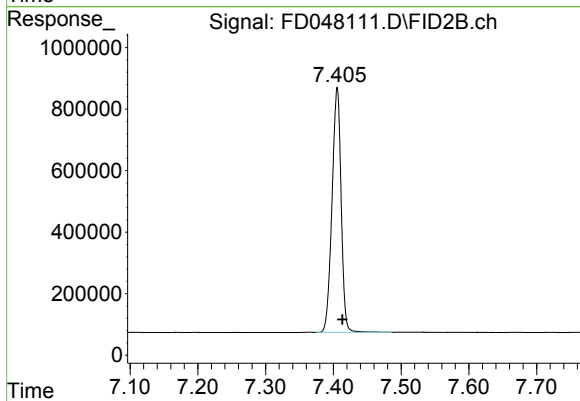
#2 Naphthalene (C11.7)

R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 344330
Conc: 1.99 ug/ml



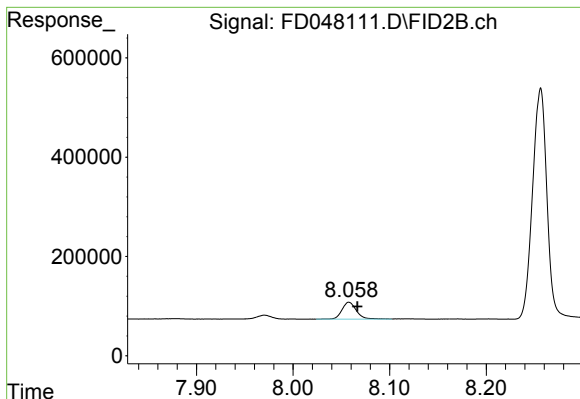
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 348838
Conc: 2.01 ug/ml



#4 2-Bromonaphthalene (SURR)

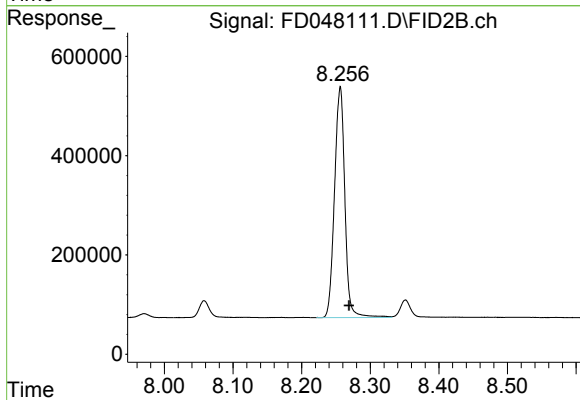
R.T.: 7.405 min
Delta R.T.: -0.008 min
Response: 7442484
Conc: 50.08 ug/ml



#5 Acenaphthylene (C15.06)

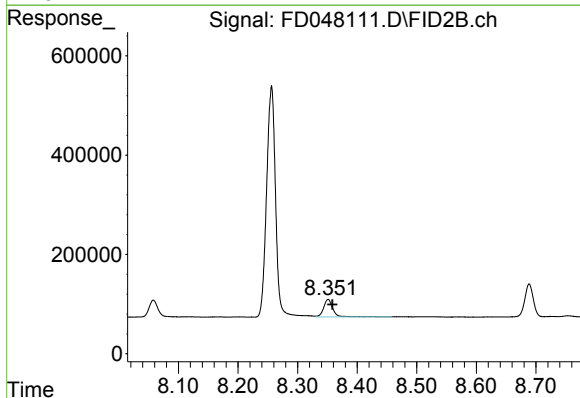
R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 354999
Conc: 2.07 ug/ml

Instrument :
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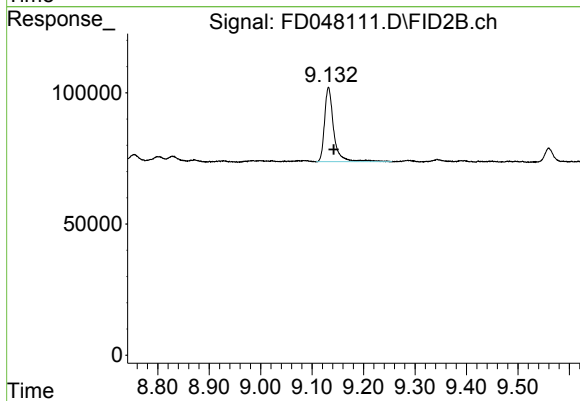
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.256 min
Delta R.T.: -0.013 min
Response: 4873992
Conc: 51.50 ug/ml



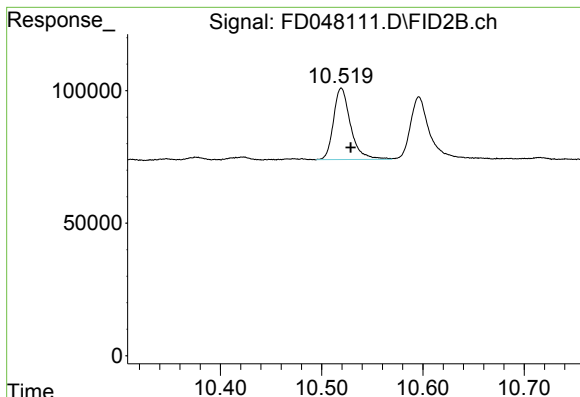
#7 Acenaphthene (C15.5)

R.T.: 8.351 min
Delta R.T.: -0.007 min
Response: 381825
Conc: 2.20 ug/ml



#8 Fluorene (C16.55)

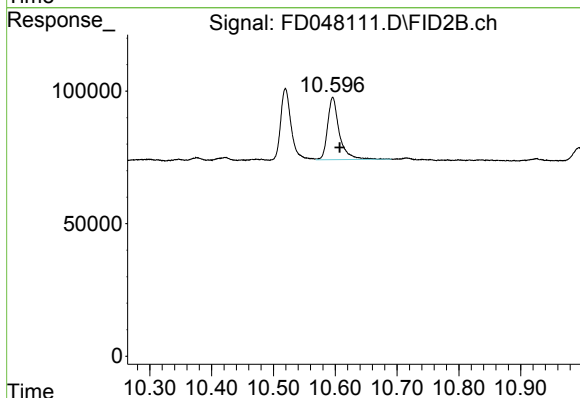
R.T.: 9.132 min
Delta R.T.: -0.010 min
Response: 351113
Conc: 2.16 ug/ml



#9 Phenanthrene (C19.36)

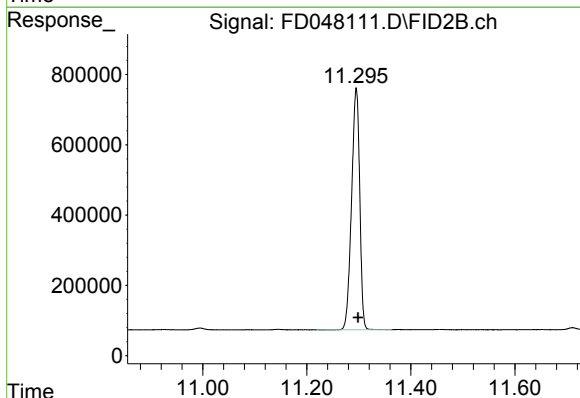
R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 315069
Conc: 1.98 ug/ml

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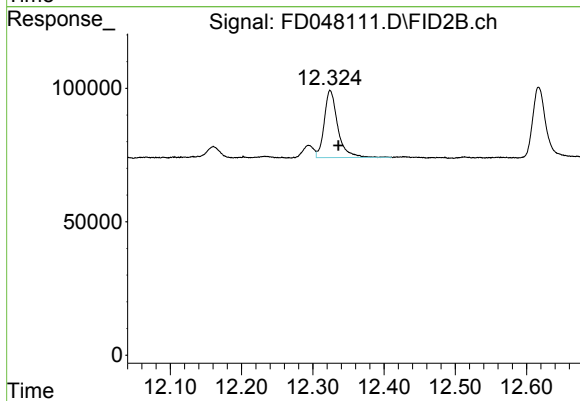
#10 Anthracene (C19.43)

R.T.: 10.596 min
Delta R.T.: -0.011 min
Response: 309176
Conc: 1.96 ug/ml



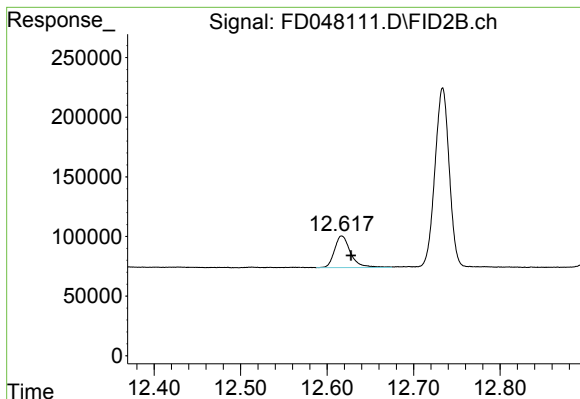
#11 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.004 min
Response: 7451434
Conc: 44.53 ug/ml



#12 Fluoranthene (C21.85)

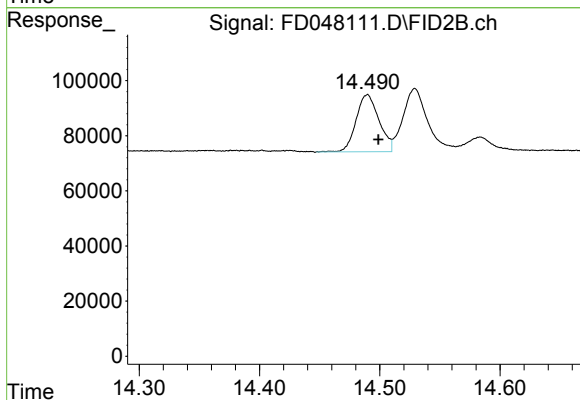
R.T.: 12.325 min
Delta R.T.: -0.011 min
Response: 332861
Conc: 2.10 ug/ml



#13 Pyrene (C20.8)

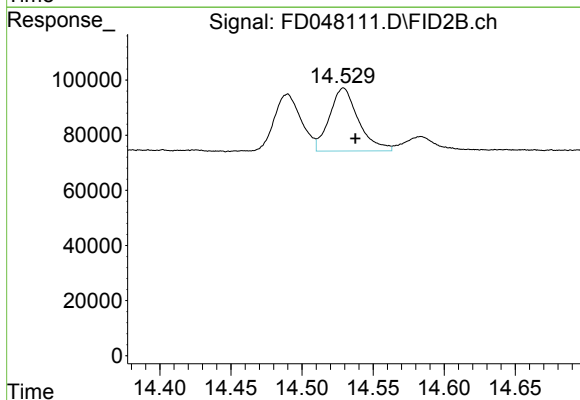
R.T.: 12.617 min
Delta R.T.: -0.010 min
Response: 343158
Conc: 2.17 ug/ml

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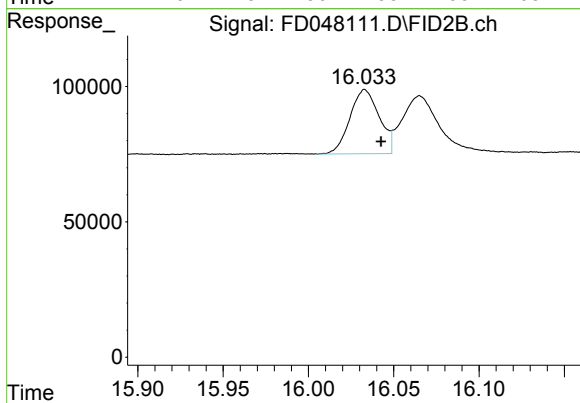
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.490 min
Delta R.T.: -0.009 min
Response: 273601
Conc: 2.00 ug/ml



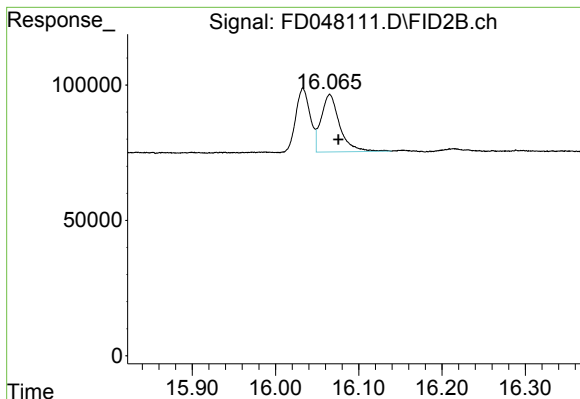
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.008 min
Response: 325717
Conc: 2.02 ug/ml



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

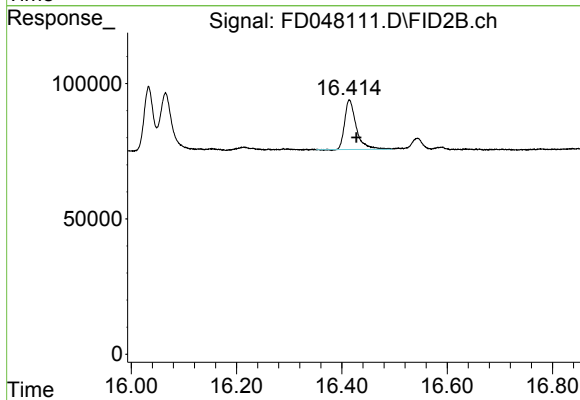
R.T.: 16.033 min
Delta R.T.: -0.010 min
Response: 282901
Conc: 1.97 ug/ml



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

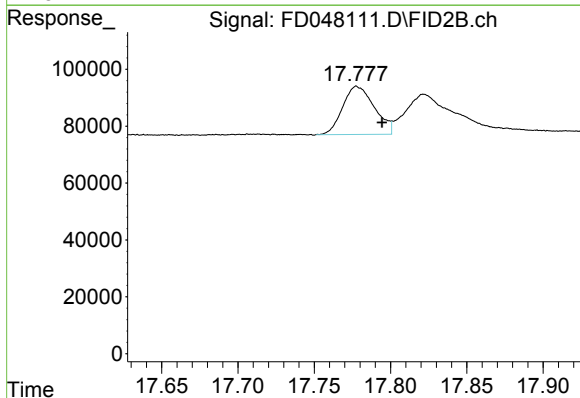
R.T.: 16.065 min
Delta R.T.: -0.011 min
Response: 326526
Conc: 2.19 ug/ml

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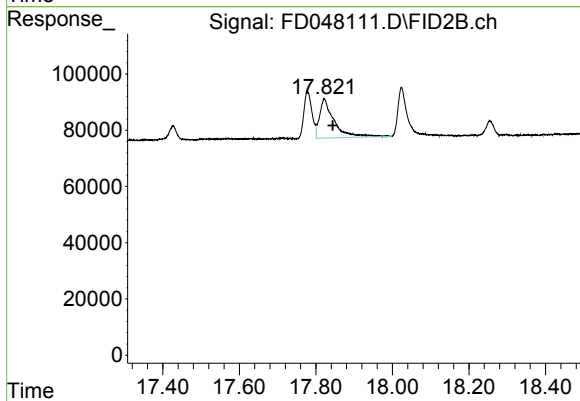
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.013 min
Response: 280833
Conc: 1.98 ug/ml



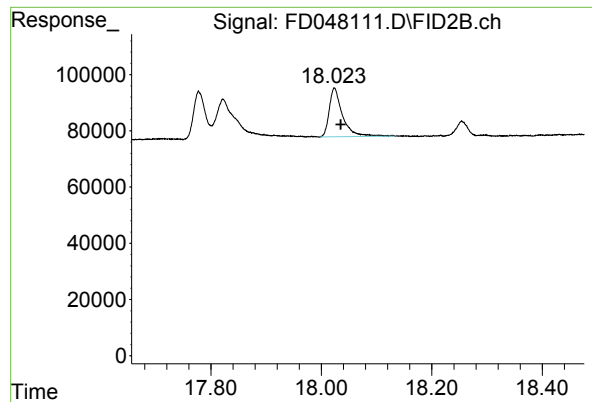
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.016 min
Response: 245567
Conc: 2.18 ug/ml



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

R.T.: 17.822 min
Delta R.T.: -0.022 min
Response: 368842
Conc: 2.54 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.011 min
Response: 290317
Conc: 1.97 ug/ml

Instrument :

FID_D

ClientSampleId :

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