

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043624.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 11:06
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File: sample.E
 Quant Time: Aug 17 23:37:30 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...	7.608	5491323	38.821 ug/ml
Spiked Amount 50.000		Recovery =	77.64%
6) S 2-Fluorobiphenyl (SURR)	8.471	3612824	38.003 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	76.01%
11) S ortho-Terphenyl (SURR)	11.517	5561704	32.814 ug/ml
Spiked Amount 50.000		Recovery =	65.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	373276	2.380 ug/ml
2) T Naphthalene (C11.7)	5.945	411916	2.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	422266	2.884 ug/ml
5) T Acenaphthylene (C15.06)	8.272	412974	2.544 ug/ml
7) T Acenaphthene (C15.5)	8.567	461411	2.854 ug/ml
8) T Flouorene (C16.55)	9.352	407570	2.601 ug/ml
9) T Phenanthrene (C19.36)	10.748	368099	2.349 ug/ml
10) T Anthracene (C19.43)	10.823	356847	2.317 ug/ml
12) T Fluoranthene (C21.85)	12.561	399011	2.519 ug/ml
13) T Pyrene (C20.8)	12.857	395633	2.517 ug/ml
14) T Benzo[a]anthracene (C...	14.733	333534	2.261 ug/ml
15) T Chrysene (C27.41)	14.774	492778	3.154 ug/ml
16) T benzo[b]fluoranthene ...	16.284	358275	2.395 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	409358	2.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	355178	2.513 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	320290	2.710 ug/ml
20) T Dibenz[a,h]anthracene...	18.073	427385	3.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	387794	2.982 ug/ml

(f)=RT Delta > 1/2 Window

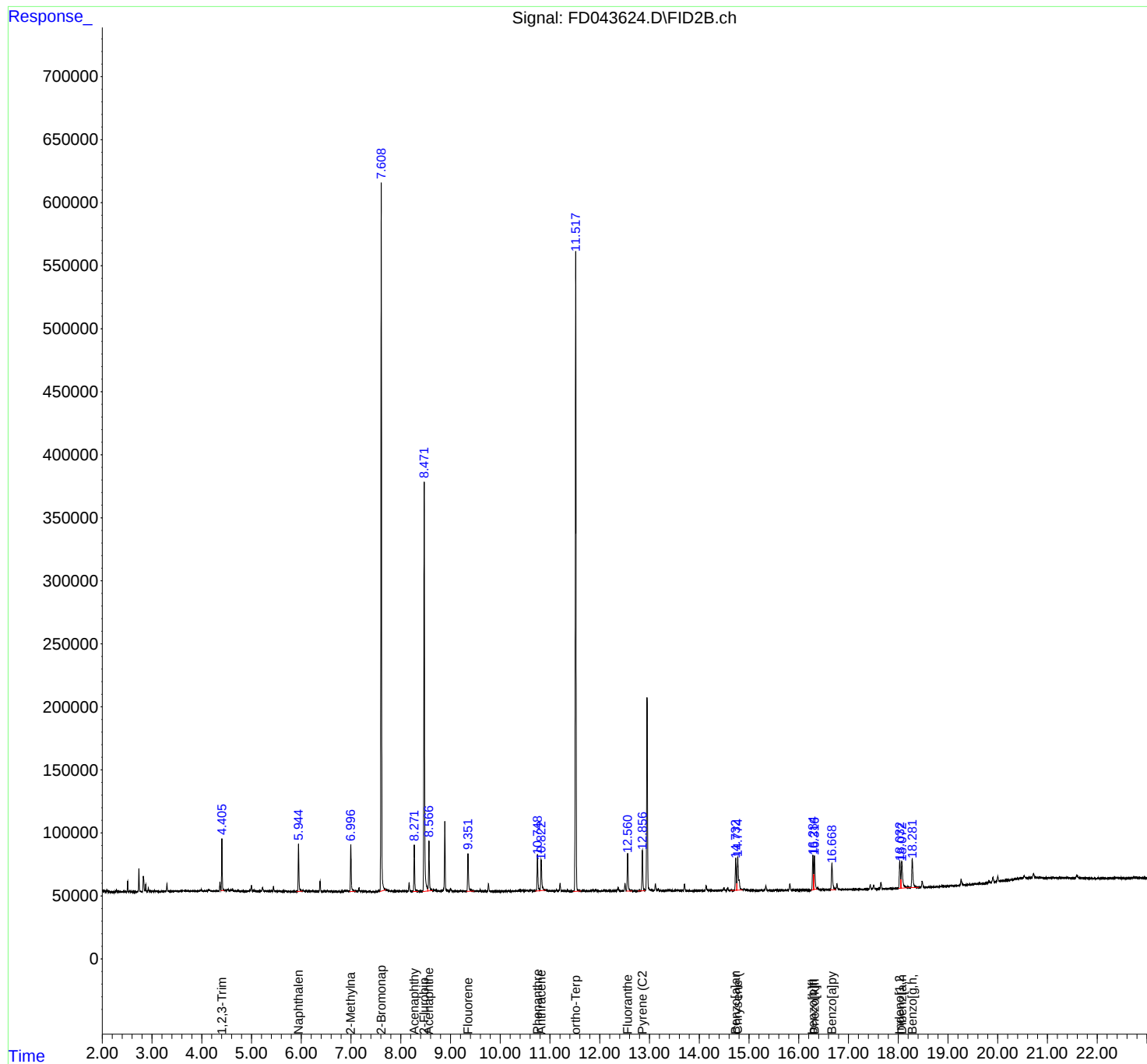
(m)=manual int.

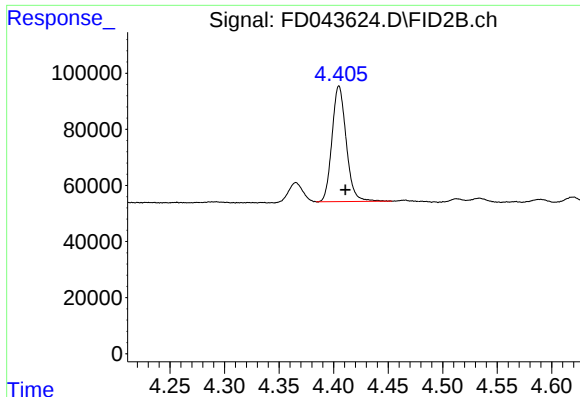
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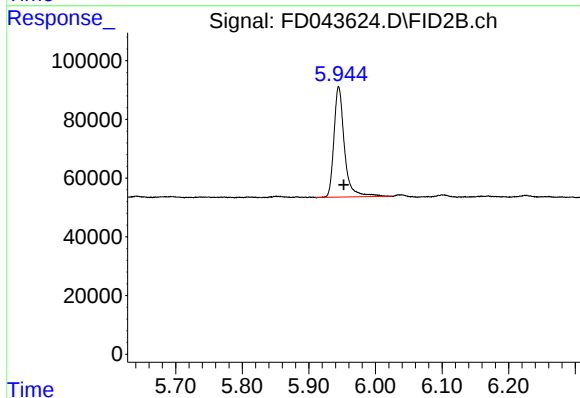




#1 1,2,3-Trimethylbenzene (C10.1)

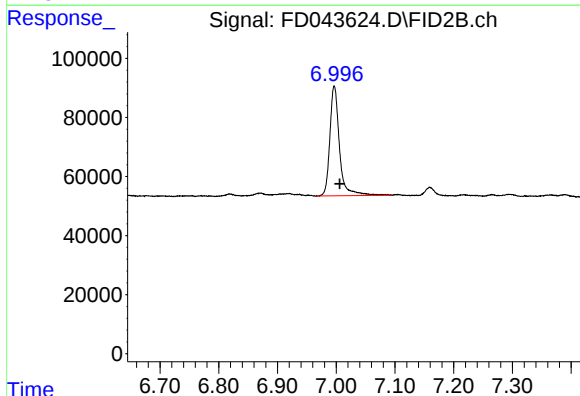
R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 373276
Conc: 2.38 ug/ml

Instrument :
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LOD-MDL-SOIL-01-QT3-2022



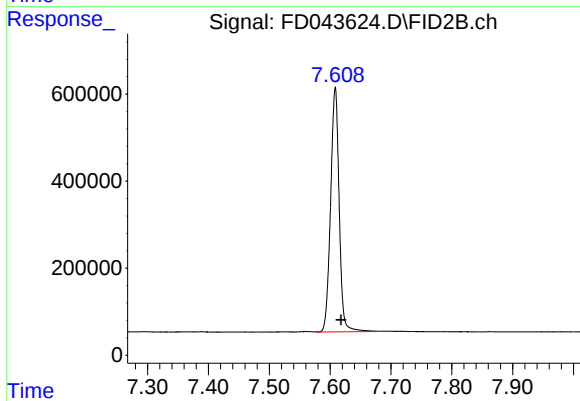
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 411916
Conc: 2.55 ug/ml



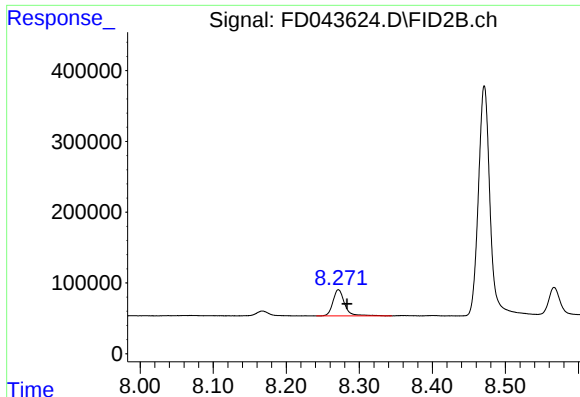
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 422266
Conc: 2.88 ug/ml



#4 2-Bromonaphthalene (SURR)

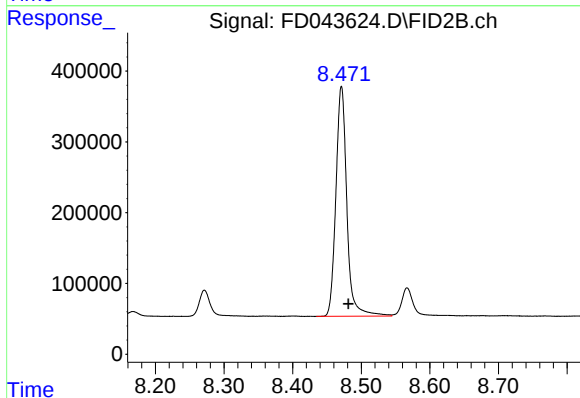
R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 5491323
Conc: 38.82 ug/ml



#5 Acenaphthylene (C15.06)

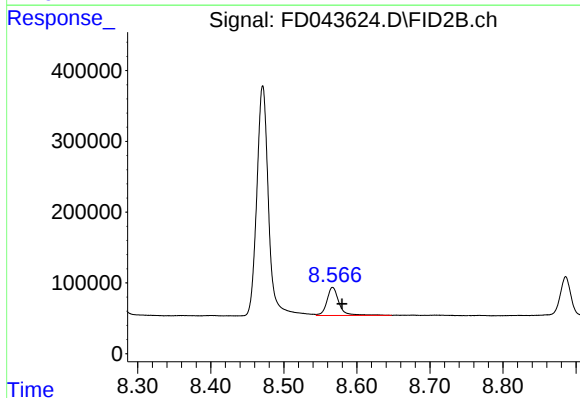
R.T.: 8.272 min
Delta R.T.: -0.012 min
Response: 412974
Conc: 2.54 ug/ml

Instrument :
FID_D
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LOD-MDL-SOIL-01-QT3-2022



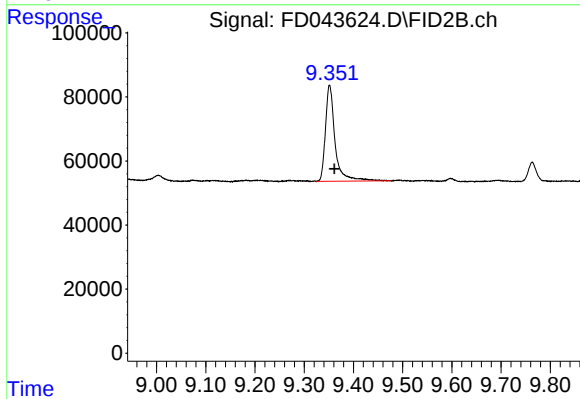
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.471 min
Delta R.T.: -0.010 min
Response: 3612824
Conc: 38.00 ug/ml



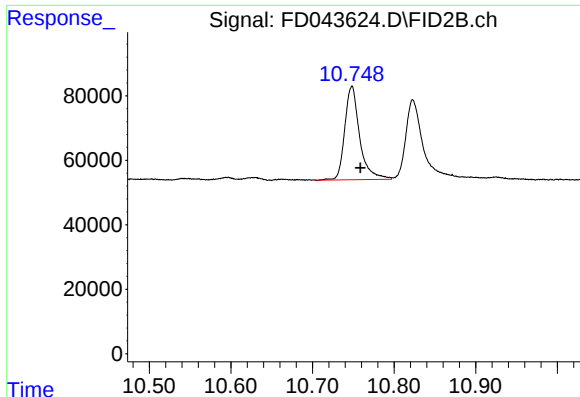
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: -0.013 min
Response: 461411
Conc: 2.85 ug/ml



#8 Fluorene (C16.55)

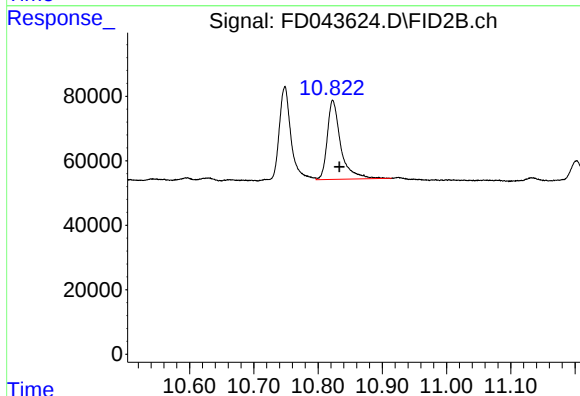
R.T.: 9.352 min
Delta R.T.: -0.010 min
Response: 407570
Conc: 2.60 ug/ml



#9 Phenanthrene (C19.36)

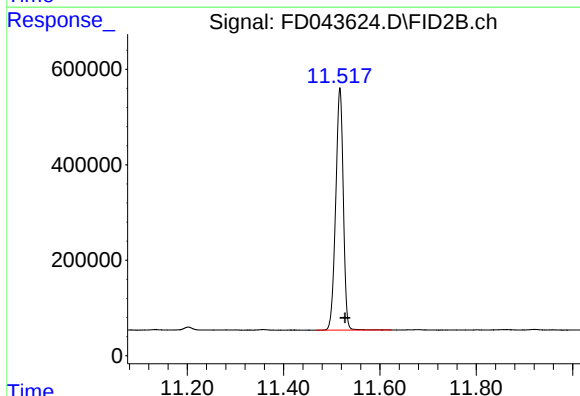
R.T.: 10.748 min
Delta R.T.: -0.010 min
Response: 368099
Conc: 2.35 ug/ml

Instrument :
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LOD-MDL-SOIL-01-QT3-2022



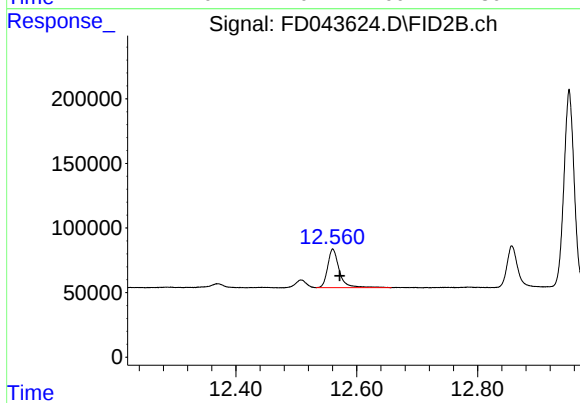
#10 Anthracene (C19.43)

R.T.: 10.823 min
Delta R.T.: -0.010 min
Response: 356847
Conc: 2.32 ug/ml



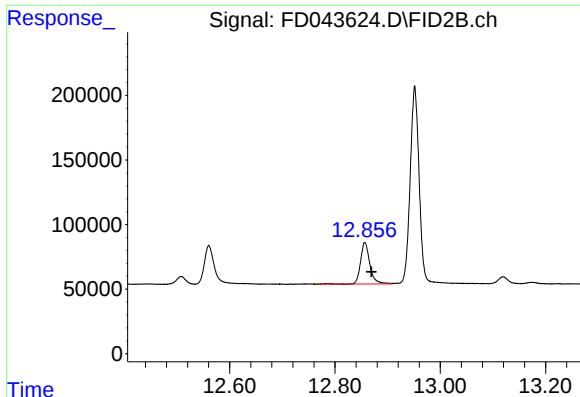
#11 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 5561704
Conc: 32.81 ug/ml



#12 Fluoranthene (C21.85)

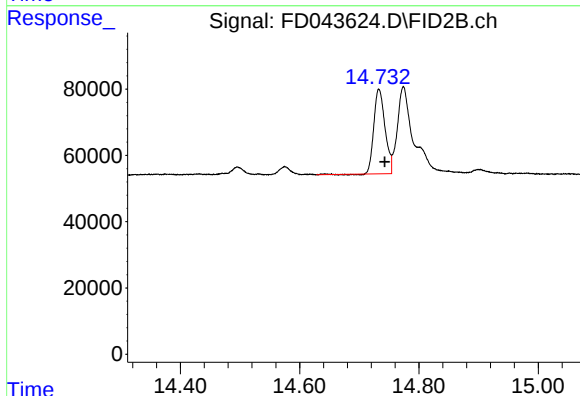
R.T.: 12.561 min
Delta R.T.: -0.011 min
Response: 399011
Conc: 2.52 ug/ml



#13 Pyrene (C20.8)

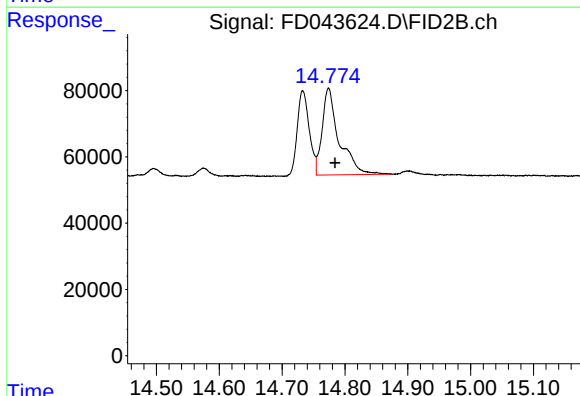
R.T.: 12.857 min
Delta R.T.: -0.012 min
Response: 395633
Conc: 2.52 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



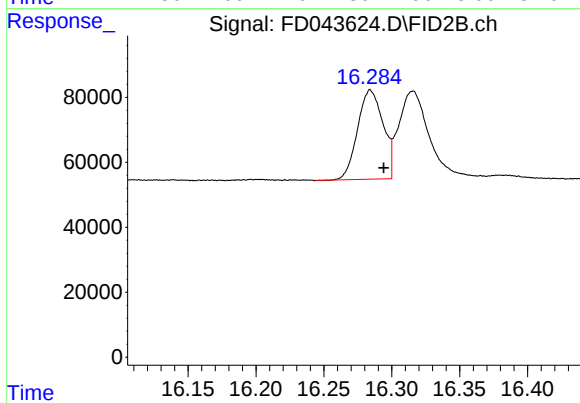
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.009 min
Response: 333534
Conc: 2.26 ug/ml



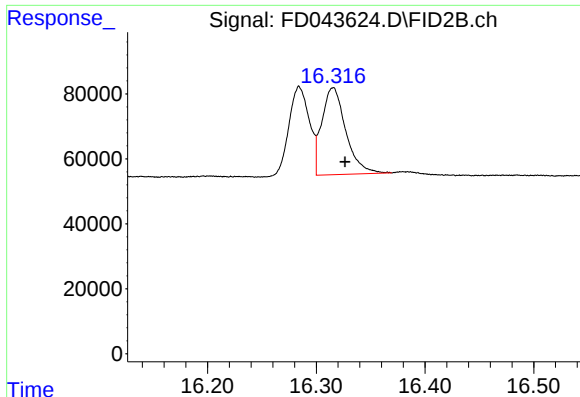
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.010 min
Response: 492778
Conc: 3.15 ug/ml



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

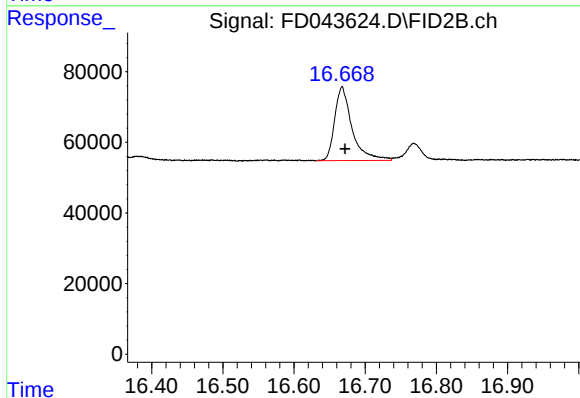
R.T.: 16.284 min
Delta R.T.: -0.010 min
Response: 358275
Conc: 2.40 ug/ml



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

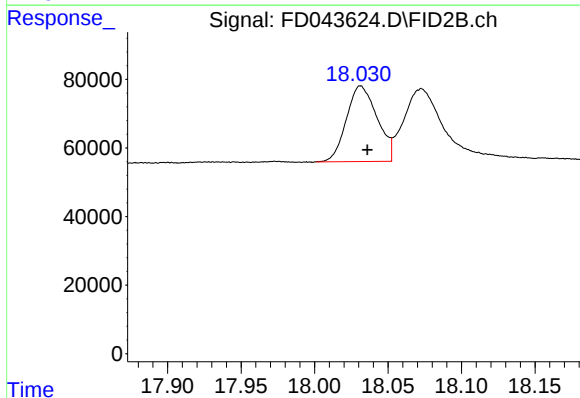
R.T.: 16.315 min
Delta R.T.: -0.011 min
Response: 409358
Conc: 2.73 ug/ml

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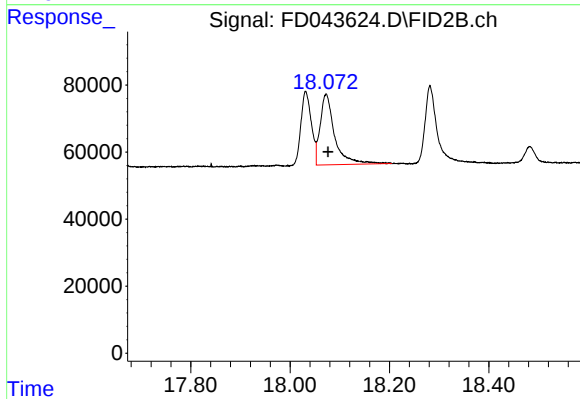
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.004 min
Response: 355178
Conc: 2.51 ug/ml



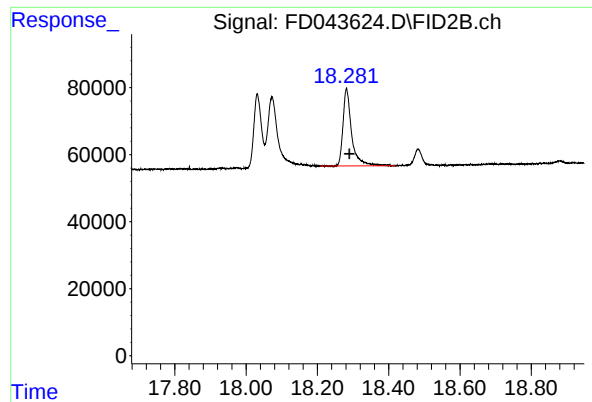
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 320290
Conc: 2.71 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.004 min
Response: 427385
Conc: 3.01 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.008 min
Response: 387794
Conc: 2.98 ug/ml

Instrument :

FID_D

ClientSampleId :

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