

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044124.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2022 22:32
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 14 01:28:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:12:46 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...	7.420	6135709	49.732 ug/ml
Spiked Amount 50.000		Recovery =	99.46%
6) S 2-Fluorobiphenyl (SURR)	8.274	4029896	50.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.25%
11) S ortho-Terphenyl (SURR)	11.310	7942366	49.851 ug/ml
Spiked Amount 50.000		Recovery =	99.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	6646756	49.186 ug/ml
2) T Naphthalene (C11.7)	5.760	6940396	50.043 ug/ml
3) T 2-Methylnaphthalene (...)	6.806	7038622	49.517 ug/ml
5) T Acenaphthylene (C15.06)	8.077	6724460	49.825 ug/ml
7) T Acenaphthene (C15.5)	8.371	7244957	49.769 ug/ml
8) T Flouorene (C16.55)	9.151	6929275	49.931 ug/ml
9) T Phenanthrene (C19.36)	10.543	6697081	50.161 ug/ml
10) T Anthracene (C19.43)	10.619	6665836	49.974 ug/ml
12) T Fluoranthene (C21.85)	12.350	6493777	50.080 ug/ml
13) T Pyrene (C20.8)	12.645	6163278	50.221 ug/ml
14) T Benzo[a]anthracene (C...	14.514	5503710	50.601 ug/ml
15) T Chrysene (C27.41)	14.556	6086783	49.753 ug/ml
16) T benzo[b]fluoranthene ...	16.063	5601704	50.254 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	5855375	49.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	5619282	50.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	5406776	49.897 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	5627460	49.649 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	5616338	49.884 ug/ml

(f)=RT Delta > 1/2 Window

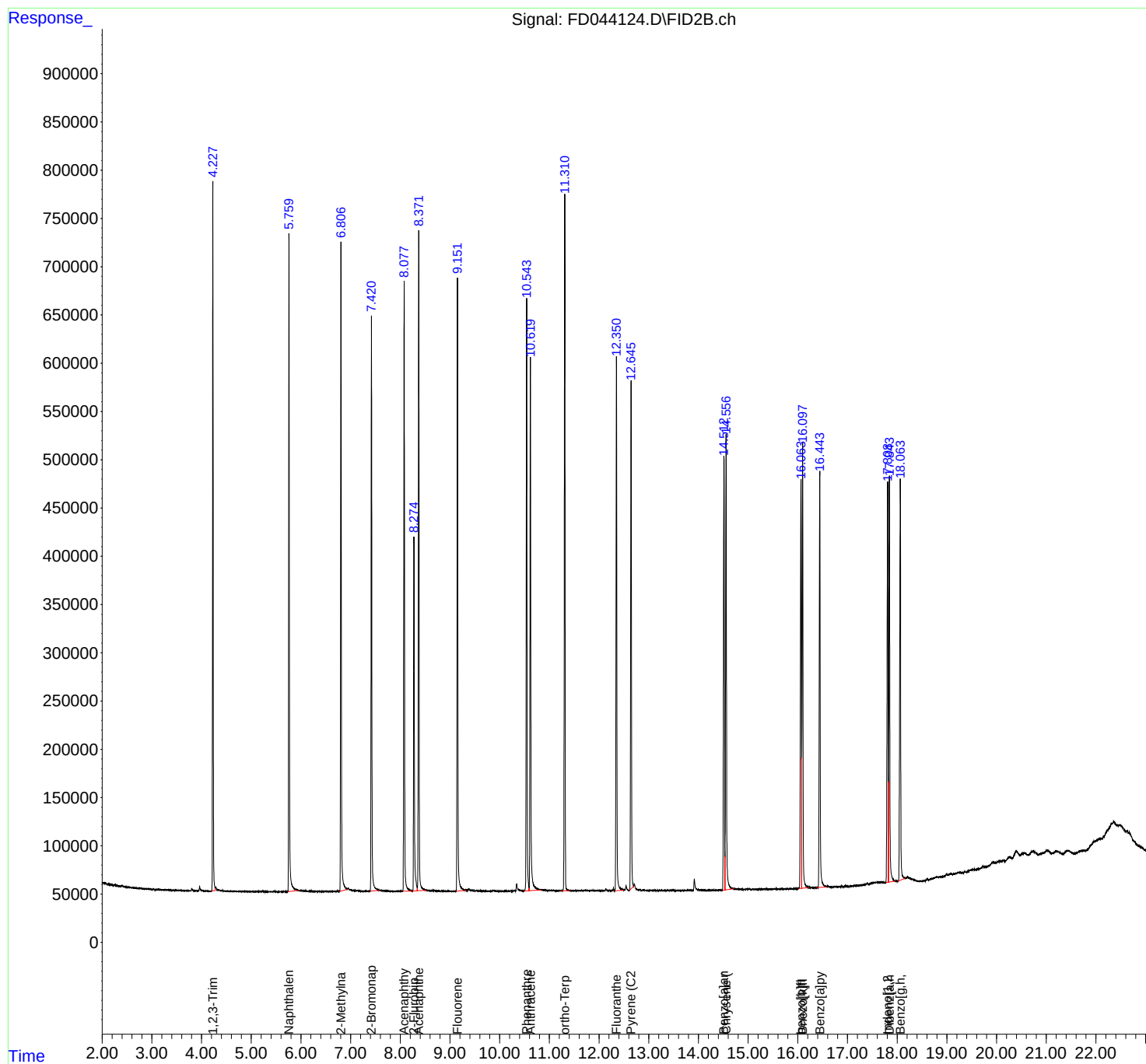
(m)=manual int.

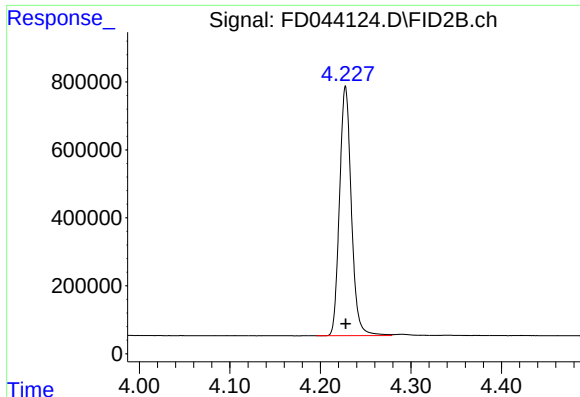
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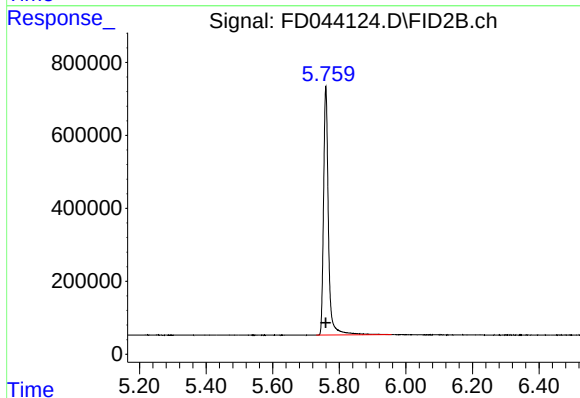




#1 1,2,3-Trimethylbenzene (C10.1)

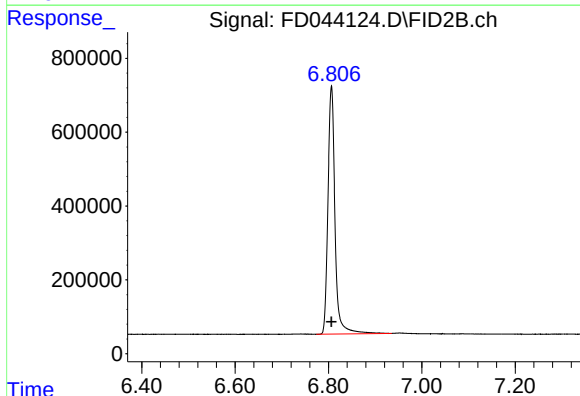
R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 6646756
Conc: 49.19 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



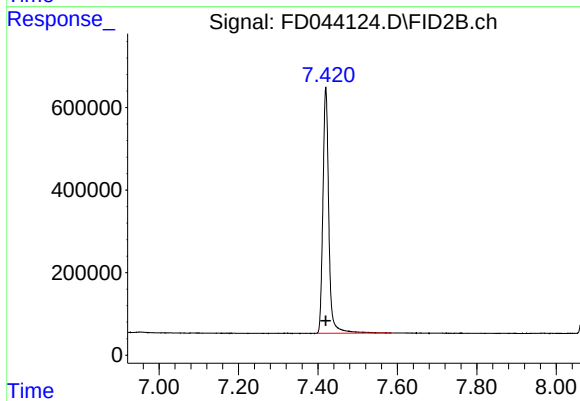
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 6940396
Conc: 50.04 ug/ml



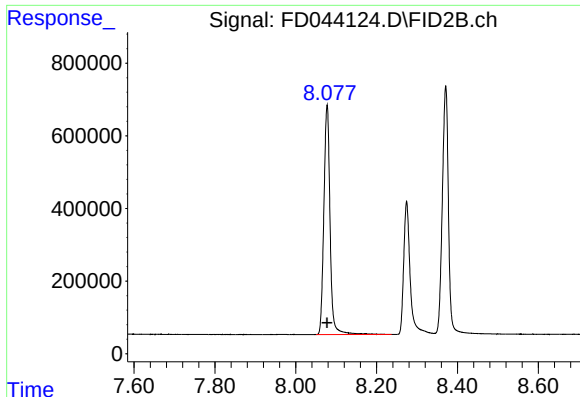
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 7038622
Conc: 49.52 ug/ml



#4 2-Bromonaphthalene (SURR)

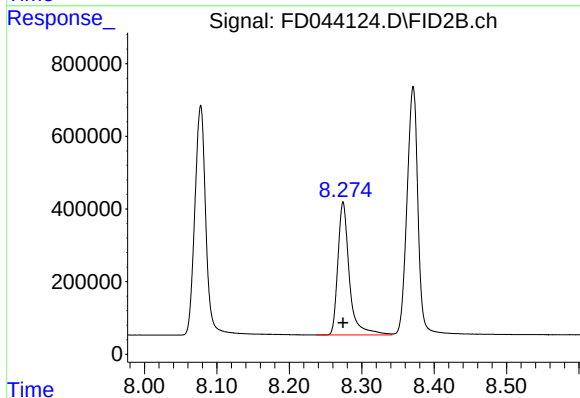
R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 6135709
Conc: 49.73 ug/ml



#5 Acenaphthylene (C15.06)

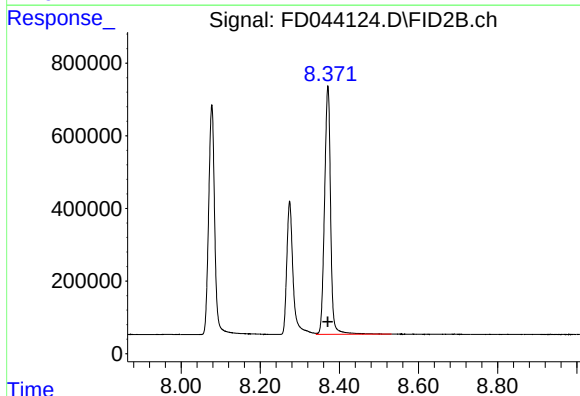
R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 6724460
Conc: 49.83 ug/ml

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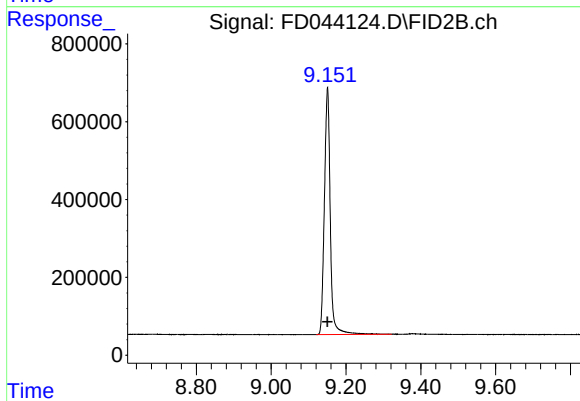
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 4029896
Conc: 50.62 ug/ml



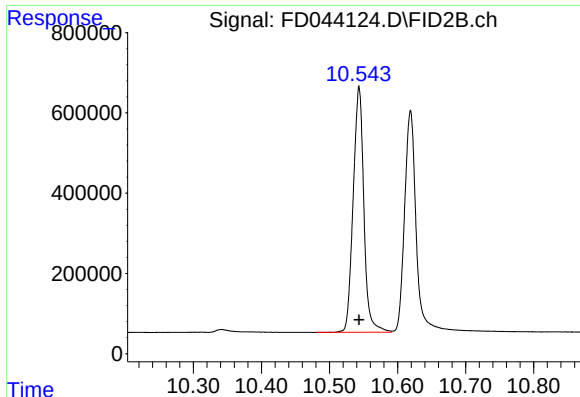
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 7244957
Conc: 49.77 ug/ml



#8 Fluorene (C16.55)

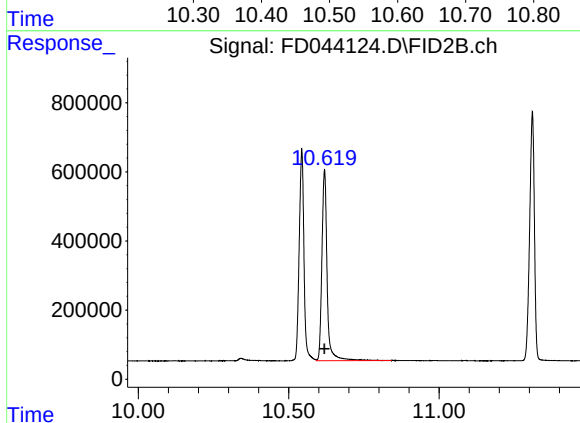
R.T.: 9.151 min
Delta R.T.: 0.000 min
Response: 6929275
Conc: 49.93 ug/ml



#9 Phenanthrene (C19.36)

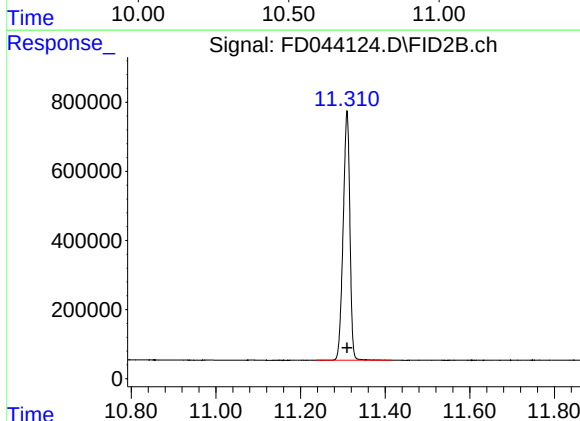
R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 6697081
Conc: 50.16 ug/ml

Instrument :
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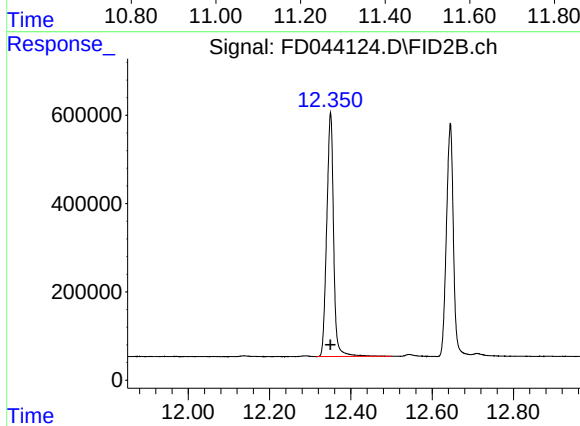
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: 0.000 min
Response: 6665836
Conc: 49.97 ug/ml



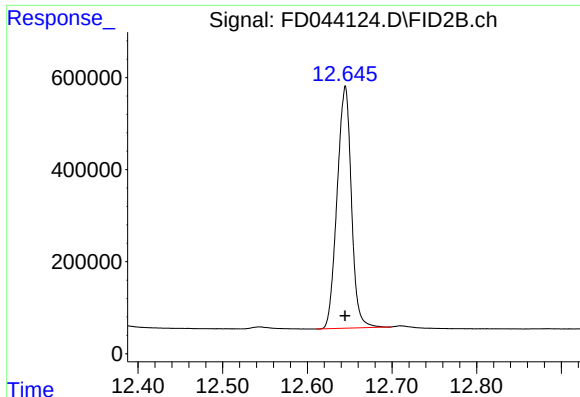
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7942366
Conc: 49.85 ug/ml



#12 Fluoranthene (C21.85)

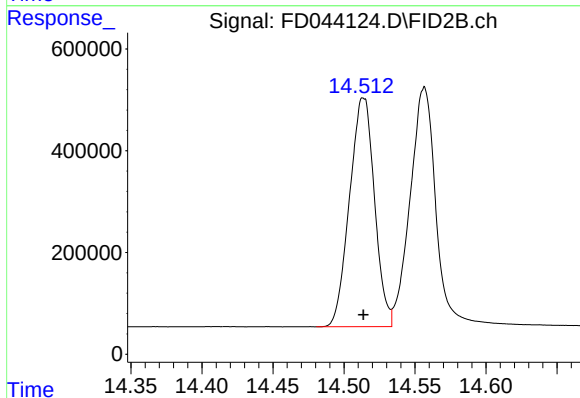
R.T.: 12.350 min
Delta R.T.: 0.000 min
Response: 6493777
Conc: 50.08 ug/ml



#13 Pyrene (C20.8)

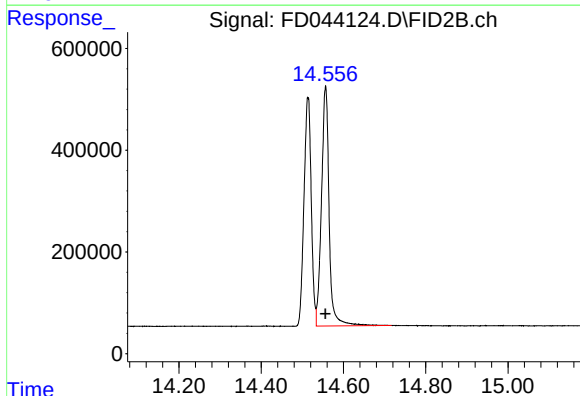
R.T.: 12.645 min
Delta R.T.: 0.000 min
Response: 6163278
Conc: 50.22 ug/ml

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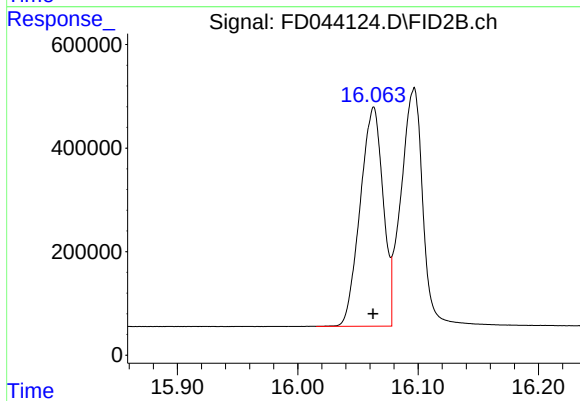
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: 0.000 min
Response: 5503710
Conc: 50.60 ug/ml



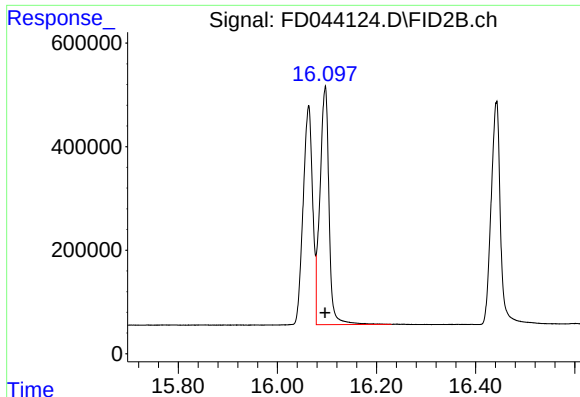
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: 0.000 min
Response: 6086783
Conc: 49.75 ug/ml



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

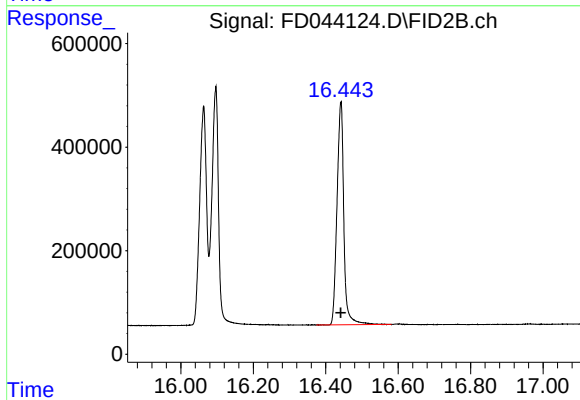
R.T.: 16.063 min
Delta R.T.: 0.000 min
Response: 5601704
Conc: 50.25 ug/ml



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

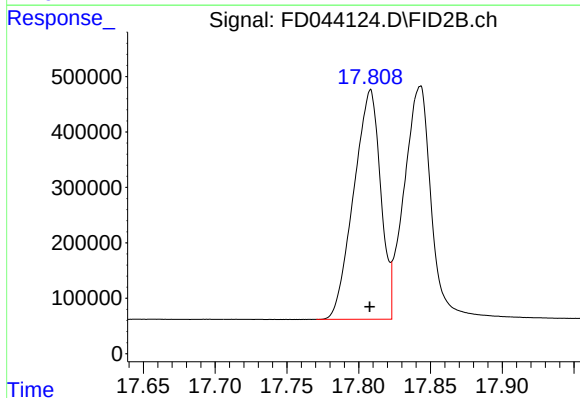
R.T.: 16.096 min
Delta R.T.: 0.000 min
Response: 5855375
Conc: 49.74 ug/ml

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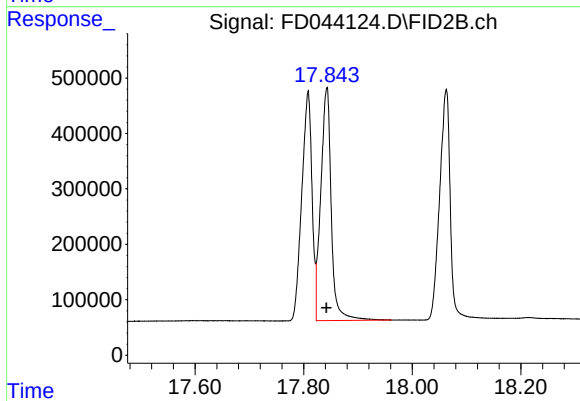
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 5619282
Conc: 50.01 ug/ml



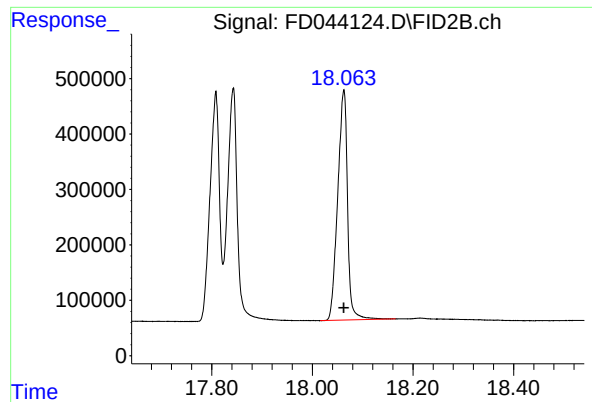
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.000 min
Response: 5406776
Conc: 49.90 ug/ml



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

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 5627460
Conc: 49.65 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.000 min
Response: 5616338
Conc: 49.88 ug/ml

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