

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046135.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 20:00
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 20 03:05:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 02:58:14 2023
 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...	7.505	1619738	10.913 ug/ml
Spiked Amount 50.000		Recovery =	21.83%
6) S 2-Fluorobiphenyl (SURR)	8.359	1009350	10.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.58%
11) S ortho-Terphenyl (SURR)	11.397	1910331	11.105 ug/ml
Spiked Amount 50.000		Recovery =	22.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	1996639	11.120 ug/ml
2) T Naphthalene (C11.7)	5.846	1965780	11.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	1912299	10.947 ug/ml
5) T Acenaphthylene (C15.06)	8.163	1658257	10.945 ug/ml
7) T Acenaphthene (C15.5)	8.458	1769443	10.938 ug/ml
8) T Fluorene (C16.55)	9.236	1647905	10.855 ug/ml
9) T Phenanthrene (C19.36)	10.625	1572340	11.001 ug/ml
10) T Anthracene (C19.43)	10.698	1433660	11.034 ug/ml
12) T Fluoranthene (C21.85)	12.427	1543249	11.198 ug/ml
13) T Pyrene (C20.8)	12.721	1540647	11.310 ug/ml
14) T Benzo[a]anthracene (C...	14.584	1454965	11.146 ug/ml
15) T Chrysene (C27.41)	14.626	1583312	11.490 ug/ml
16) T benzo[b]fluoranthene ...	16.126	1506870	11.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	1512380	11.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	1419897	10.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	1266289	10.503 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	1383976	11.026 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	1366594	10.830 ug/ml

(f)=RT Delta > 1/2 Window

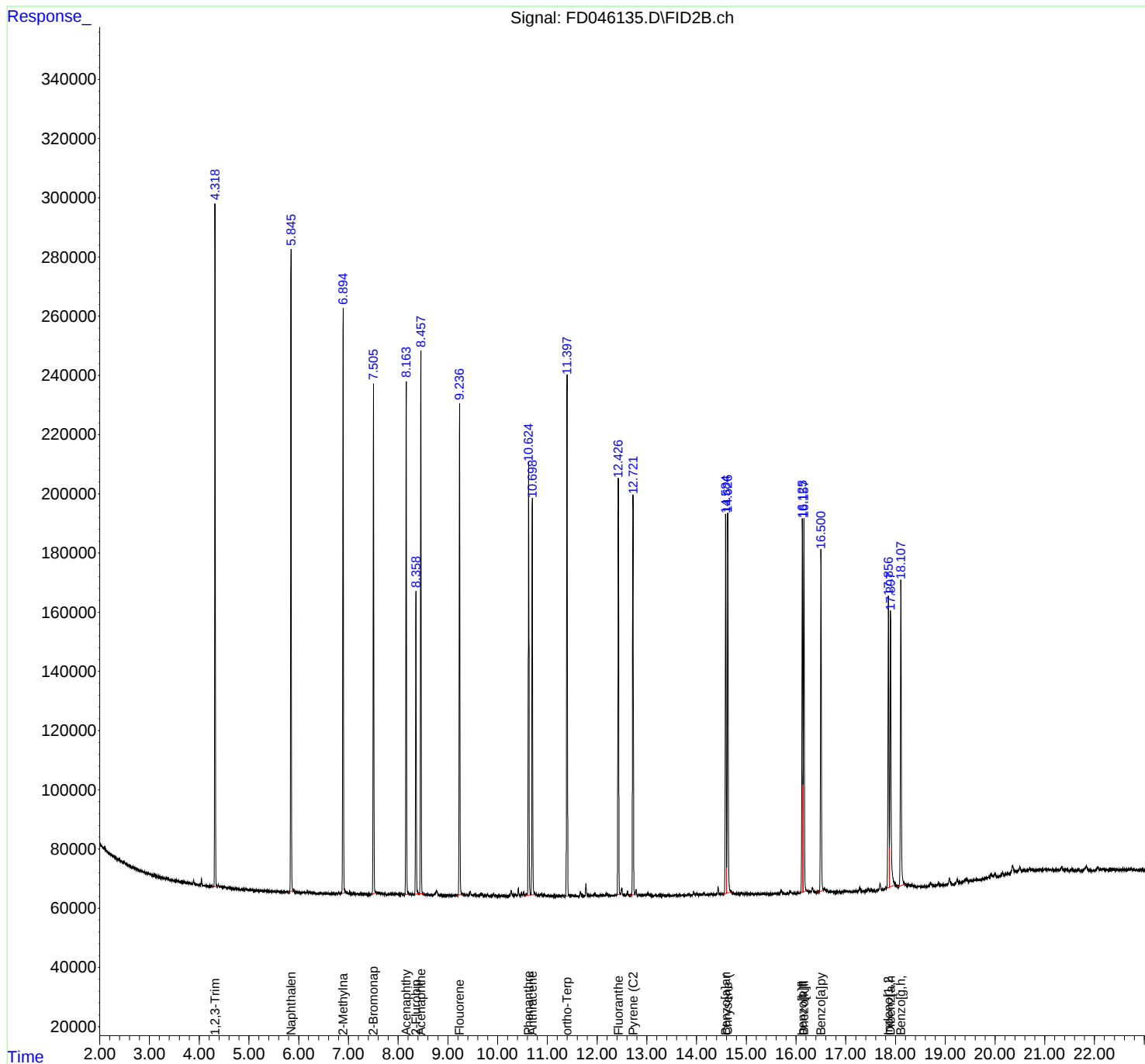
(m)=manual int.

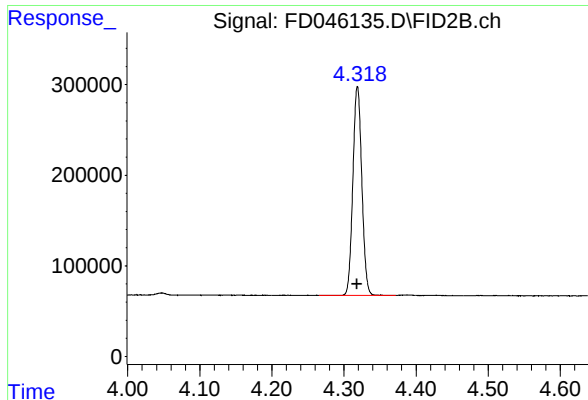
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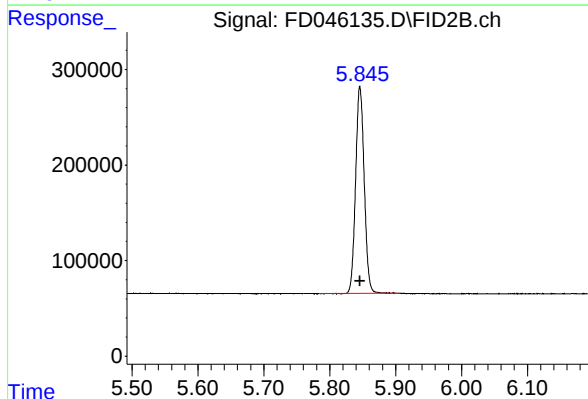




#1 1,2,3-Trimethylbenzene (C10.1)

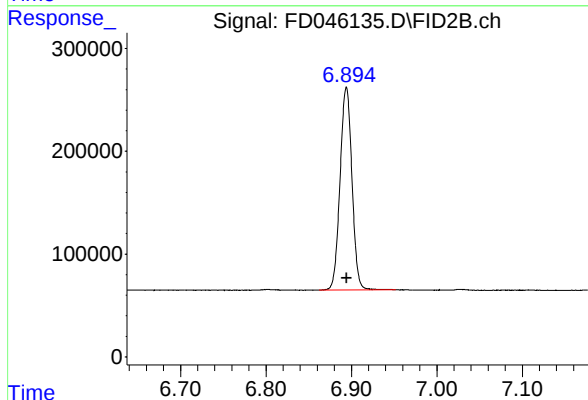
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 1996639
Conc: 11.12 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



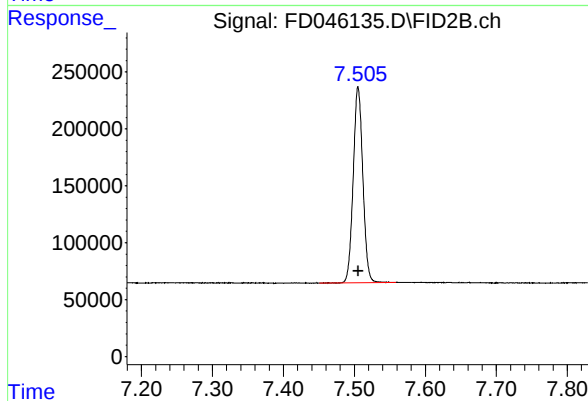
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 1965780
Conc: 11.00 ug/ml



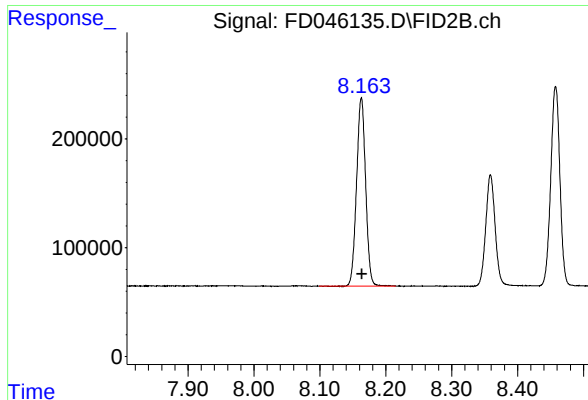
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 1912299
Conc: 10.95 ug/ml



#4 2-Bromonaphthalene (SURR)

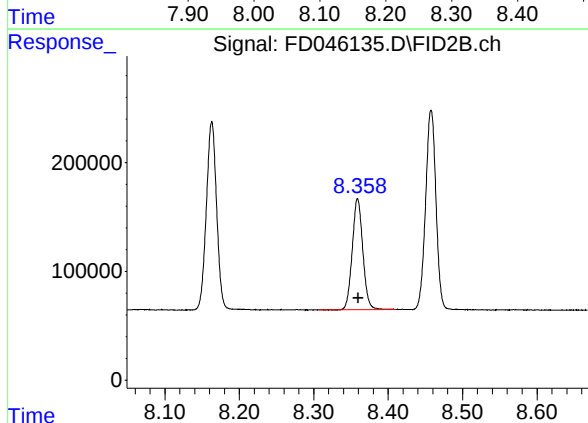
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 1619738
Conc: 10.91 ug/ml



#5 Acenaphthylene (C15.06)

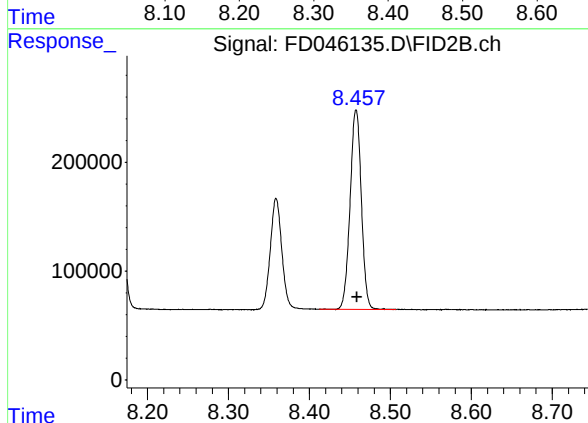
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 1658257
Conc: 10.95 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



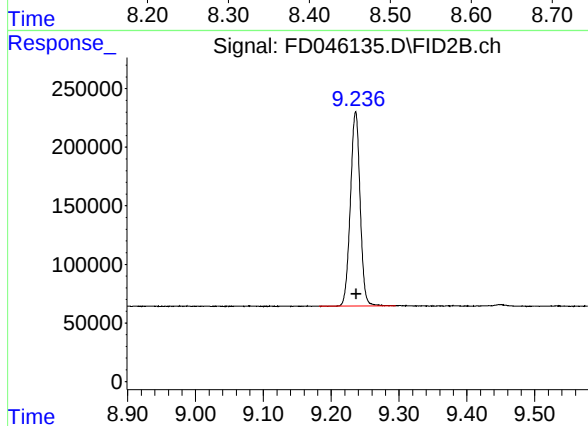
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.359 min
Delta R.T.: -0.001 min
Response: 1009350
Conc: 10.79 ug/ml



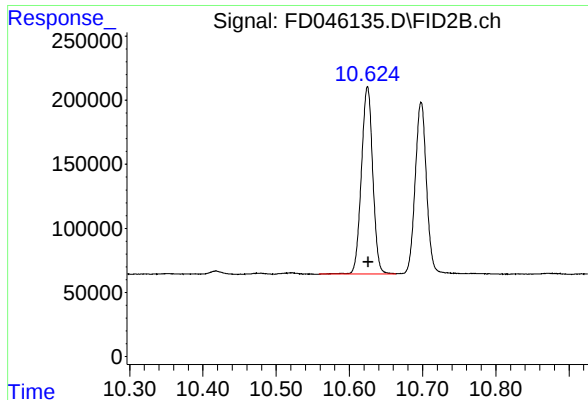
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 1769443
Conc: 10.94 ug/ml



#8 Flouorene (C16.55)

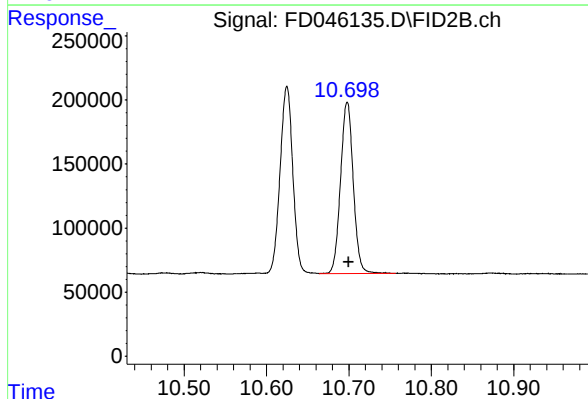
R.T.: 9.236 min
Delta R.T.: -0.001 min
Response: 1647905
Conc: 10.86 ug/ml



#9 Phenanthrene (C19.36)

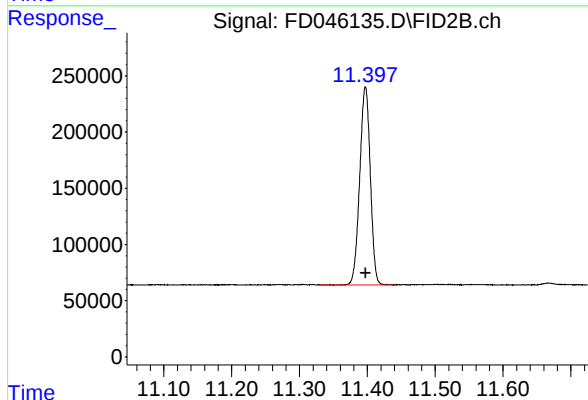
R.T.: 10.625 min
Delta R.T.: -0.001 min
Response: 1572340
Conc: 11.00 ug/ml

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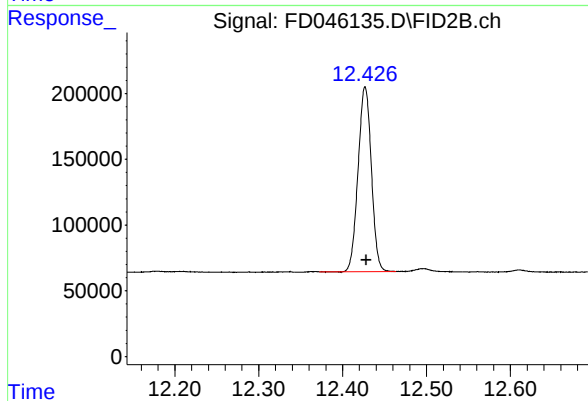
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.002 min
Response: 1433660
Conc: 11.03 ug/ml



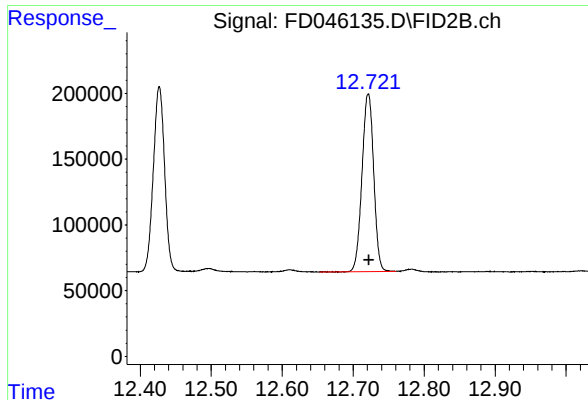
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 1910331
Conc: 11.11 ug/ml



#12 Fluoranthene (C21.85)

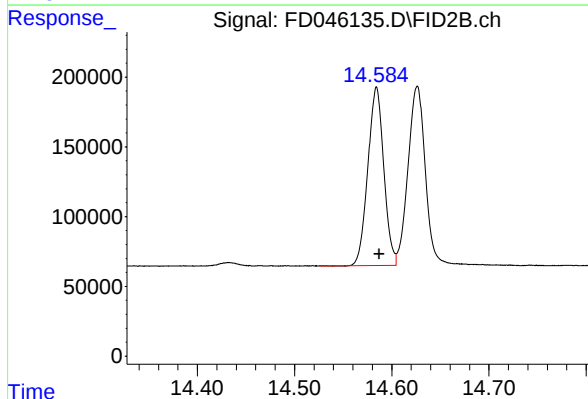
R.T.: 12.427 min
Delta R.T.: -0.002 min
Response: 1543249
Conc: 11.20 ug/ml



#13 Pyrene (C20.8)

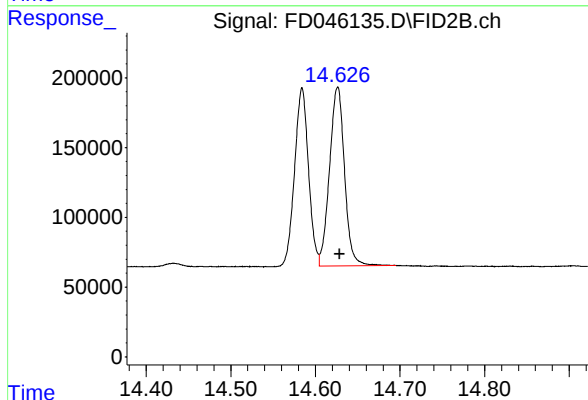
R.T.: 12.721 min
Delta R.T.: -0.001 min
Response: 1540647
Conc: 11.31 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



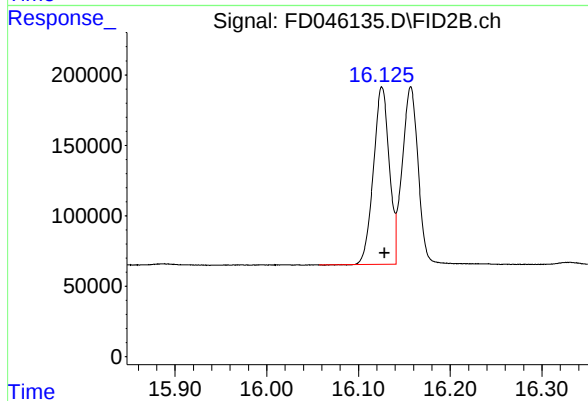
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: -0.003 min
Response: 1454965
Conc: 11.15 ug/ml



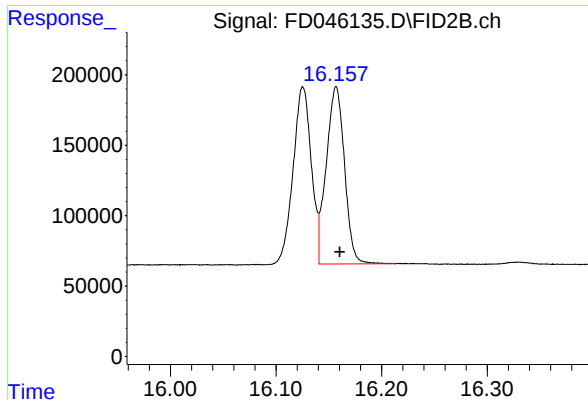
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: -0.002 min
Response: 1583312
Conc: 11.49 ug/ml



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

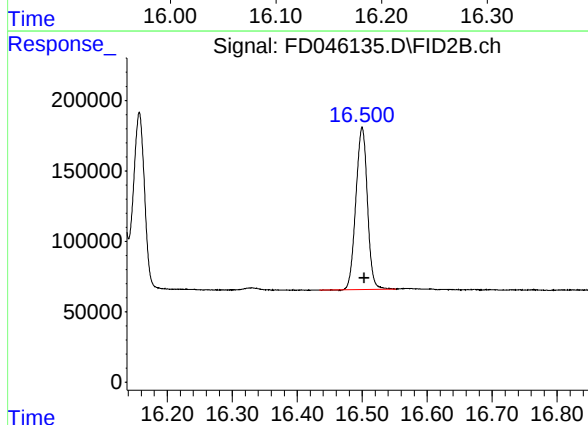
R.T.: 16.126 min
Delta R.T.: -0.003 min
Response: 1506870
Conc: 11.07 ug/ml



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

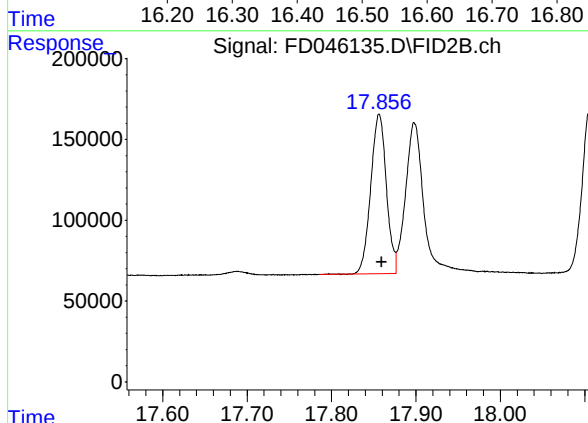
R.T.: 16.157 min
Delta R.T.: -0.004 min
Response: 1512380
Conc: 11.20 ug/ml

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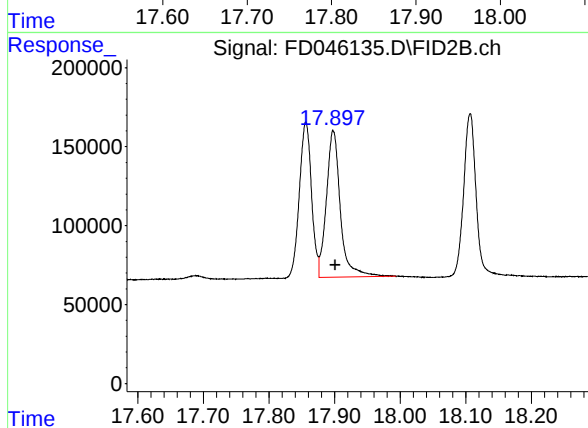
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.003 min
Response: 1419897
Conc: 10.91 ug/ml



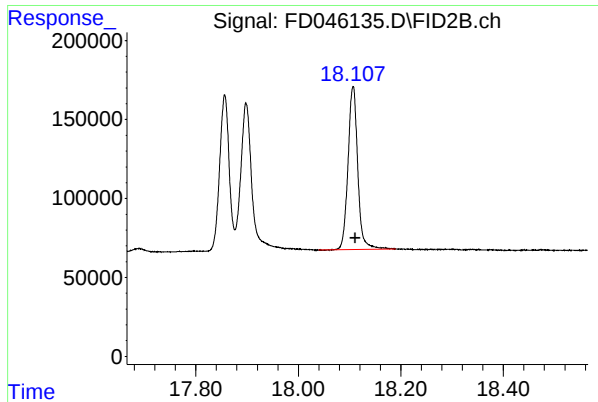
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.003 min
Response: 1266289
Conc: 10.50 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.003 min
Response: 1383976
Conc: 11.03 ug/ml



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

R.T.: 18.107 min

Delta R.T.: -0.005 min

Response: 1366594

Conc: 10.83 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4