

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046488.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 19:21
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 15 01:42:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:42:03 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...	7.490	1763239	10.150 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
6) S 2-Fluorobiphenyl (SURR)	8.343	1143921	9.945 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.89%
11) S ortho-Terphenyl (SURR)	11.380	2036701	10.169 ug/ml
Spiked Amount 50.000		Recovery =	20.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	1857123	10.255 ug/ml
2) T Naphthalene (C11.7)	5.830	1932945	10.183 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	1941897	10.150 ug/ml
5) T Acenaphthylene (C15.06)	8.147	1765815	10.168 ug/ml
7) T Acenaphthene (C15.5)	8.442	1875230	10.130 ug/ml
8) T Fluorene (C16.55)	9.220	1790722	9.972 ug/ml
9) T Phenanthrene (C19.36)	10.608	1746836	10.041 ug/ml
10) T Anthracene (C19.43)	10.682	1587120	10.591 ug/ml
12) T Fluoranthene (C21.85)	12.410	1687546	9.987 ug/ml
13) T Pyrene (C20.8)	12.704	1618685	9.928 ug/ml
14) T Benzo[a]anthracene (C...	14.566	1369934	9.846 ug/ml
15) T Chrysene (C27.41)	14.608	1511141	10.082 ug/ml
16) T benzo[b]fluoranthene ...	16.107	1358407	9.957 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	1374527	10.067 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	1326355	10.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	1216738	9.688 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	1354787	10.473 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	1325421	10.171 ug/ml

(f)=RT Delta > 1/2 Window

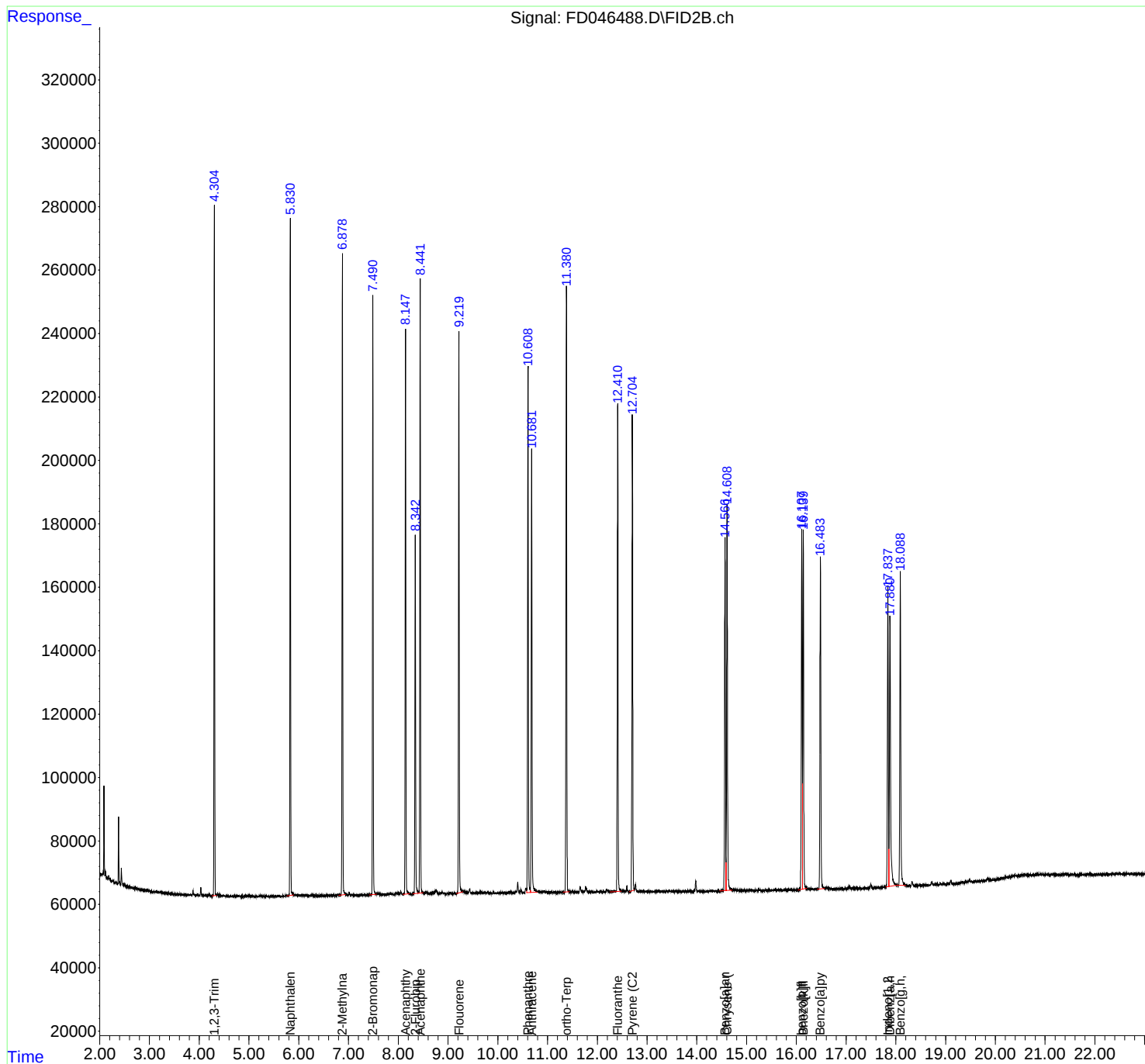
(m)=manual int.

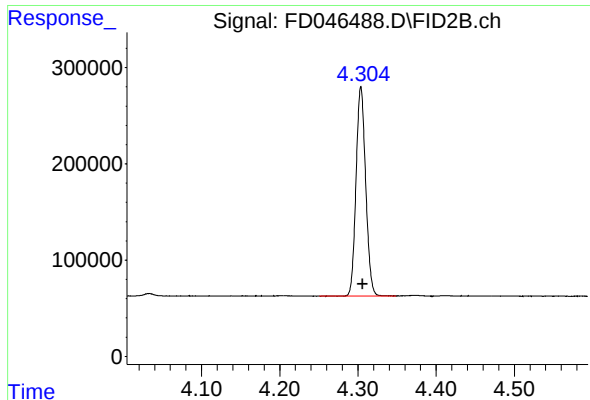
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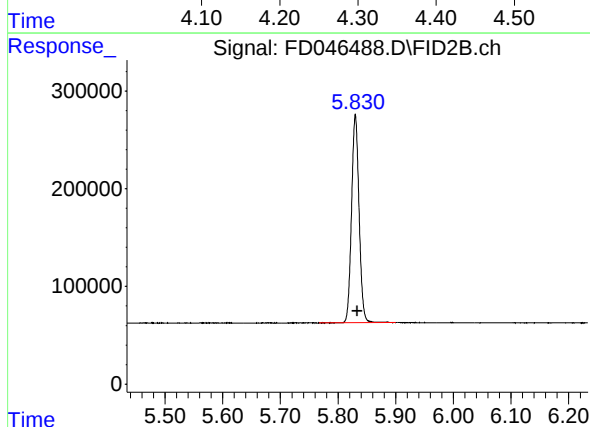




#1 1,2,3-Trimethylbenzene (C10.1)

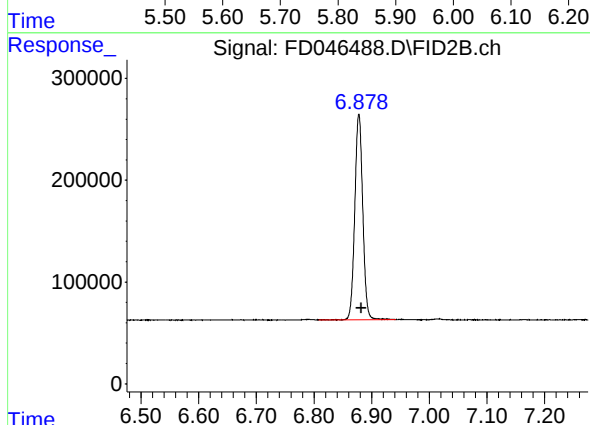
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 1857123
Conc: 10.25 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



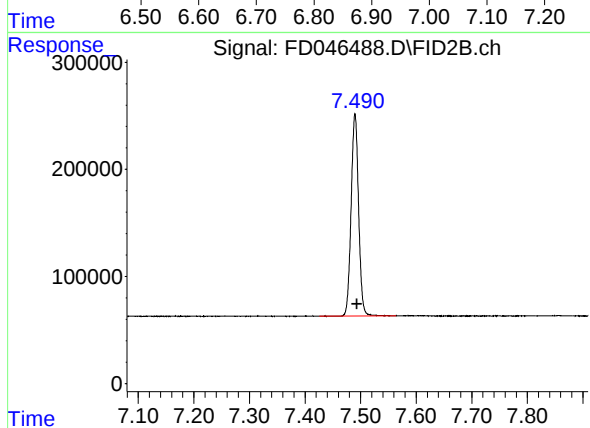
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 1932945
Conc: 10.18 ug/ml



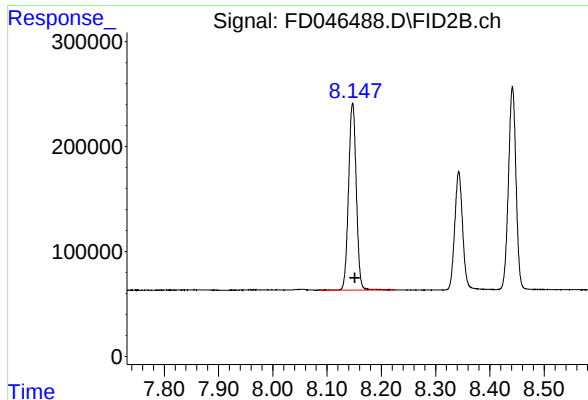
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 1941897
Conc: 10.15 ug/ml



#4 2-Bromonaphthalene (SURR)

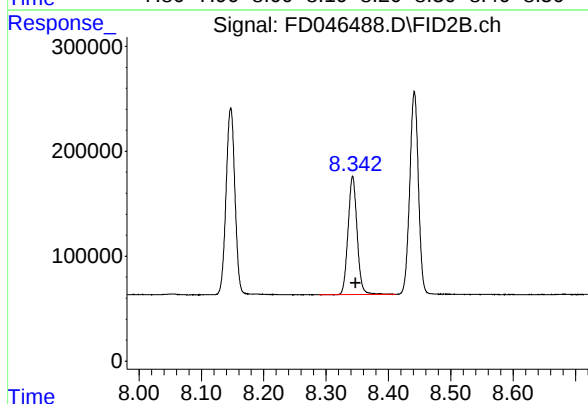
R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 1763239
Conc: 10.15 ug/ml



#5 Acenaphthylene (C15.06)

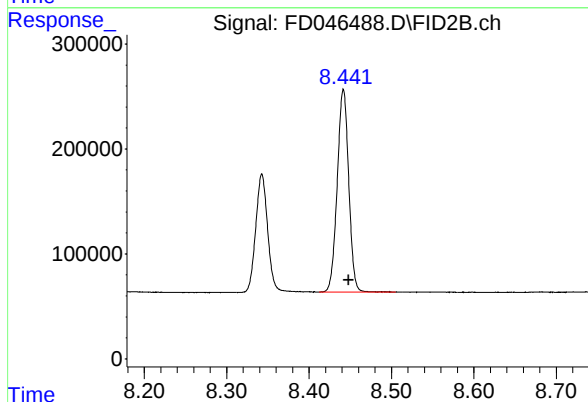
R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 1765815
Conc: 10.17 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



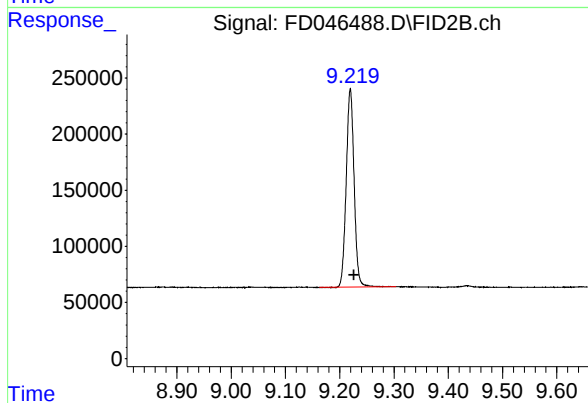
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 1143921
Conc: 9.94 ug/ml



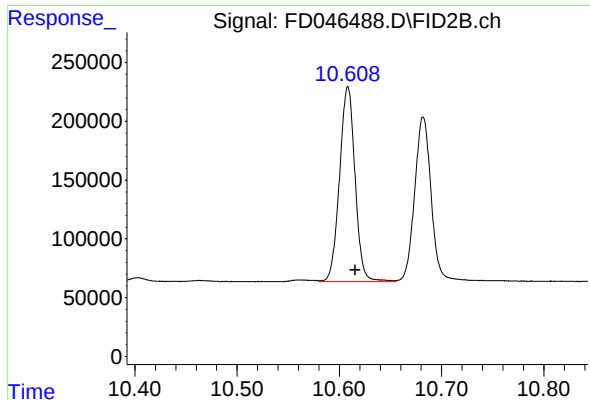
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 1875230
Conc: 10.13 ug/ml



#8 Flouorene (C16.55)

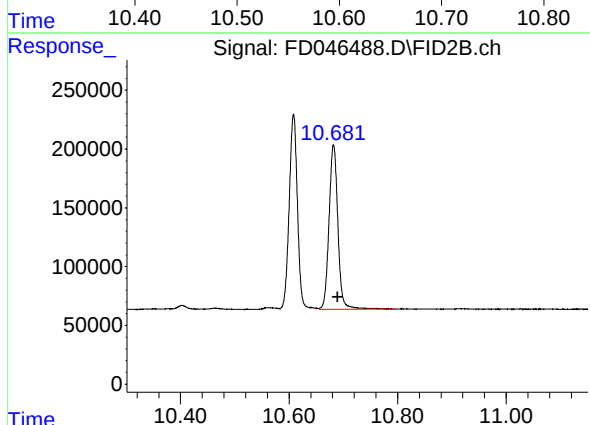
R.T.: 9.220 min
Delta R.T.: -0.007 min
Response: 1790722
Conc: 9.97 ug/ml



#9 Phenanthrene (C19.36)

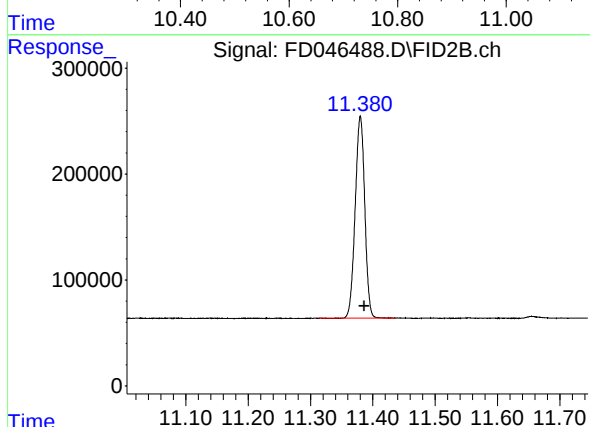
R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 1746836
Conc: 10.04 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



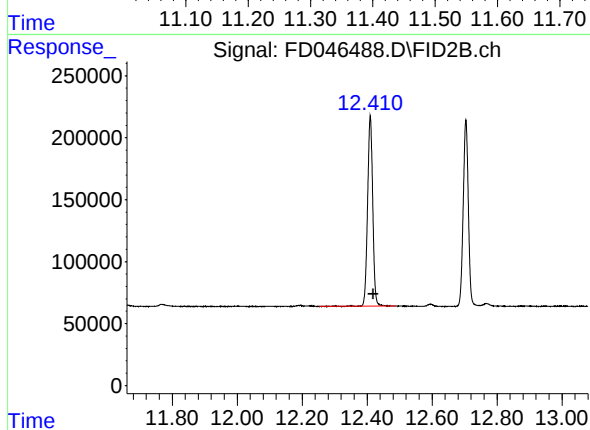
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.008 min
Response: 1587120
Conc: 10.59 ug/ml



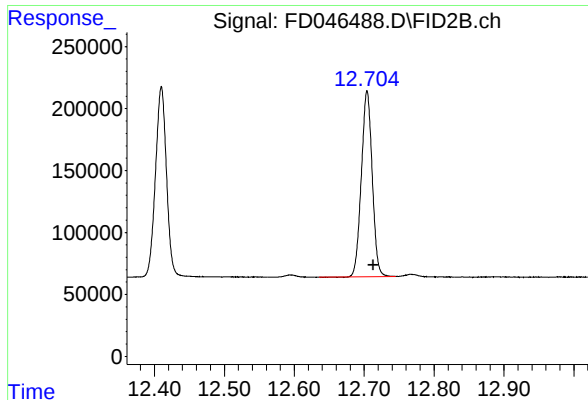
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.006 min
Response: 2036701
Conc: 10.17 ug/ml



#12 Fluoranthene (C21.85)

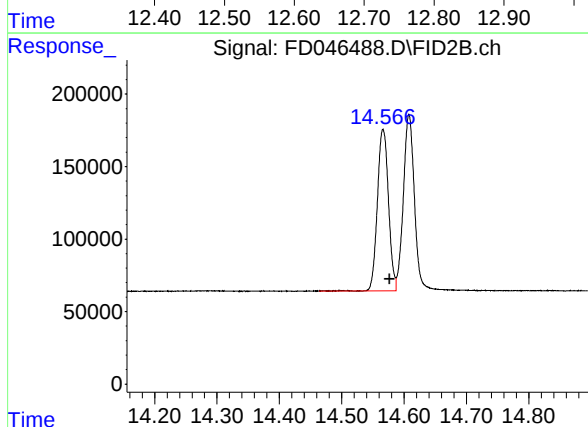
R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 1687546
Conc: 9.99 ug/ml



#13 Pyrene (C20.8)

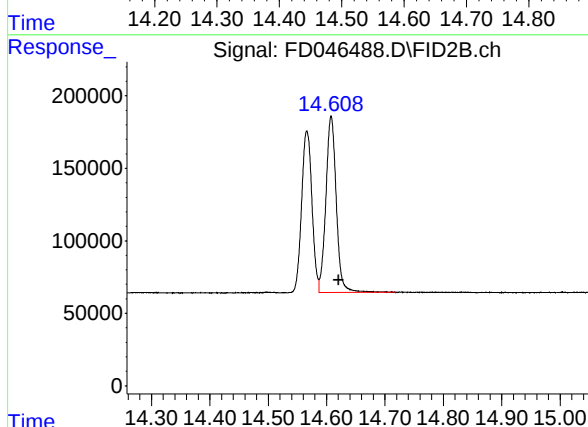
R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 1618685
Conc: 9.93 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



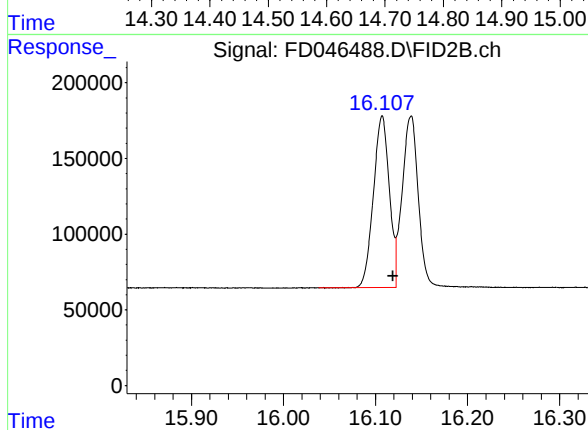
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 1369934
Conc: 9.85 ug/ml



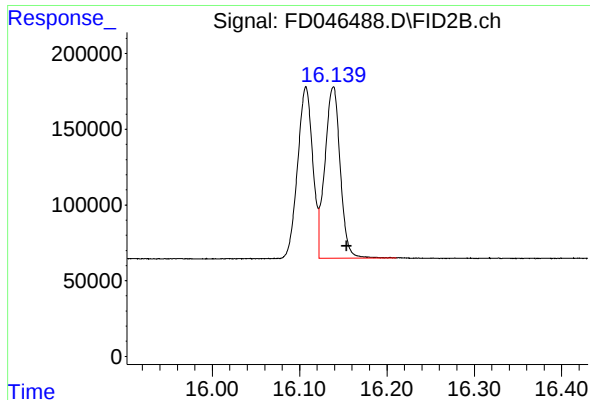
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.013 min
Response: 1511141
Conc: 10.08 ug/ml



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

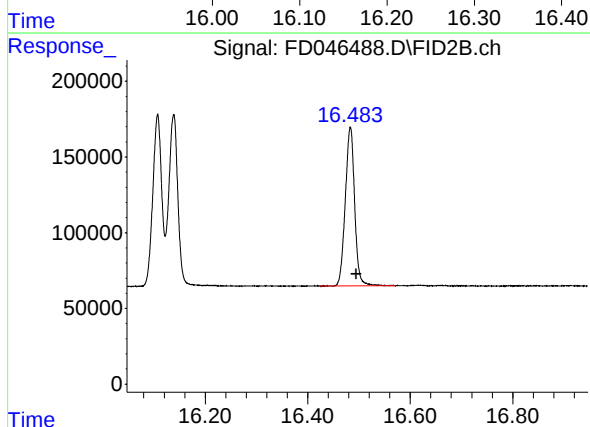
R.T.: 16.107 min
Delta R.T.: -0.012 min
Response: 1358407
Conc: 9.96 ug/ml



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

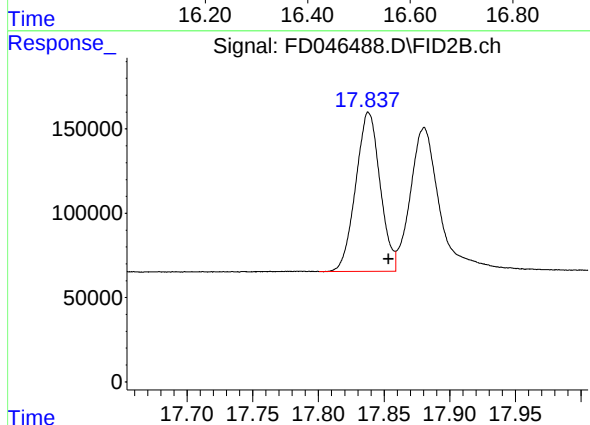
R.T.: 16.138 min
Delta R.T.: -0.015 min
Response: 1374527
Conc: 10.07 ug/ml

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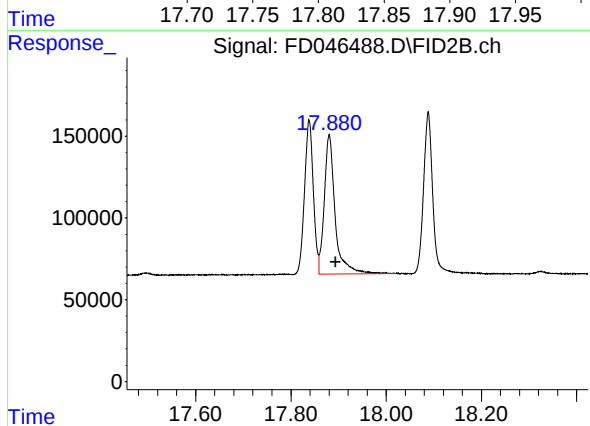
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.011 min
Response: 1326355
Conc: 10.03 ug/ml



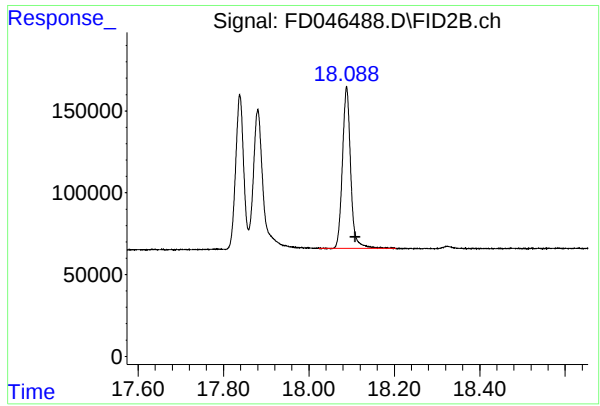
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.015 min
Response: 1216738
Conc: 9.69 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 1354787
Conc: 10.47 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.020 min
Response: 1325421
Conc: 10.17 ug/ml

Instrument :
FID_D
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