

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031323AR\
 Data File : FD045276.D
 Signal(s) : FID2B.ch
 Acq On : 13 Mar 2023 09:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 14 03:58:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	2492425	18.366 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
6) S 2-Fluorobiphenyl (SURR)	8.408	1617791	18.069 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.14%
11) S ortho-Terphenyl (SURR)	11.447	3194879	19.194 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	2839588	18.749 ug/ml
2) T Naphthalene (C11.7)	5.891	2917869	18.470 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	2888668	18.177 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2637347	18.393 ug/ml
7) T Acenaphthene (C15.5)	8.507	2814999	18.572 ug/ml
8) T Flouorene (C16.55)	9.285	2640597	17.935 ug/ml
9) T Phenanthrene (C19.36)	10.676	2608456	18.270 ug/ml
10) T Anthracene (C19.43)	10.750	2167182	15.466 ug/ml
12) T Fluoranthene (C21.85)	12.482	2618012	18.742 ug/ml
13) T Pyrene (C20.8)	12.776	2577217	18.925 ug/ml
14) T Benzo[a]anthracene (C...	14.640	2125649	16.675 ug/ml
15) T Chrysene (C27.41)	14.682	2248762	17.255 ug/ml
16) T benzo[b]fluoranthene ...	16.184	2375703	18.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	2281553	18.074 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2187058	17.377 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	2032876	16.993 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	1890166	15.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	2229380	17.918 ug/ml

(f)=RT Delta > 1/2 Window

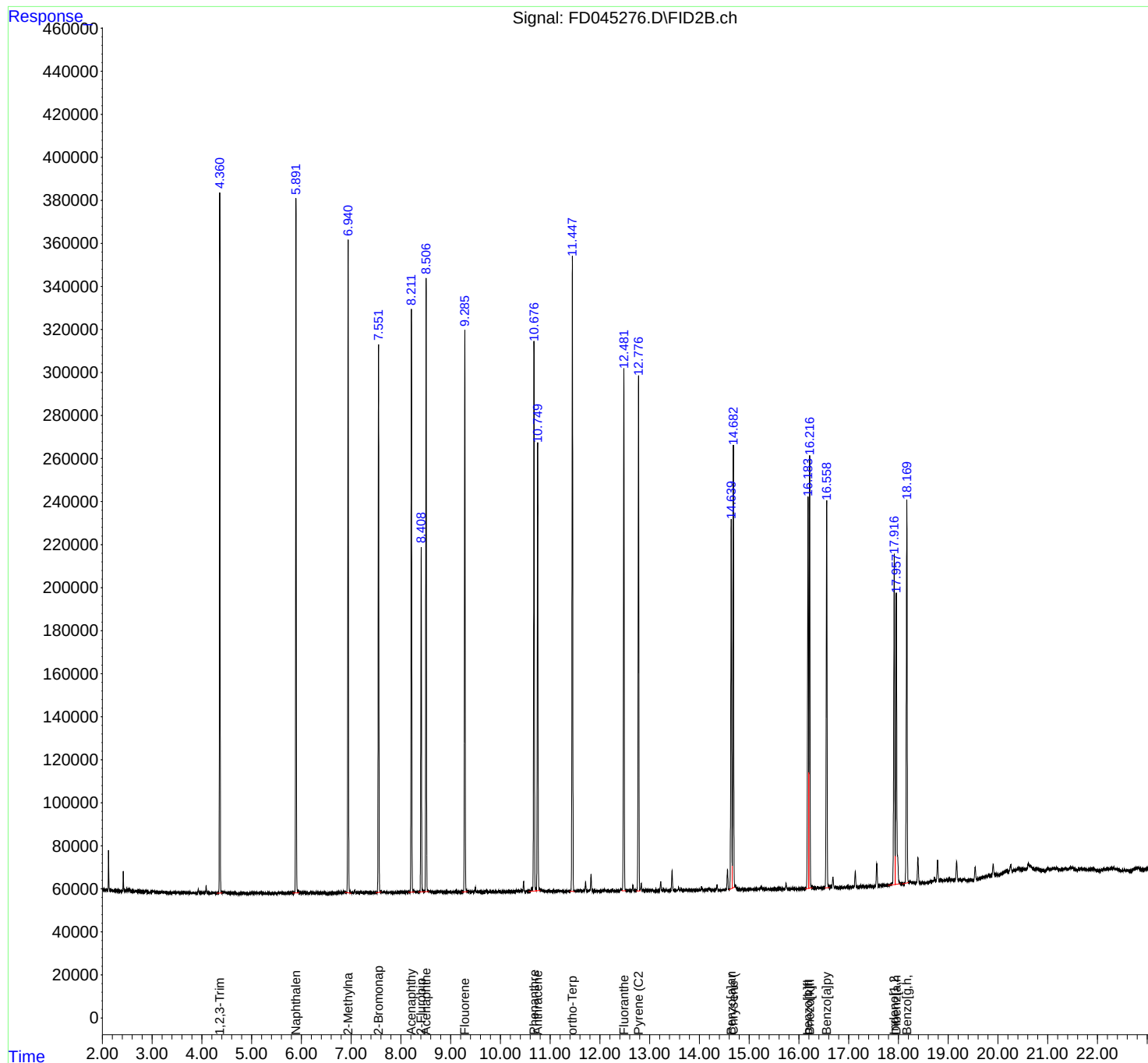
(m)=manual int.

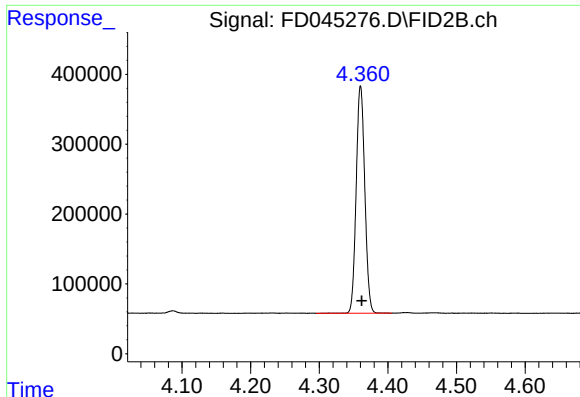
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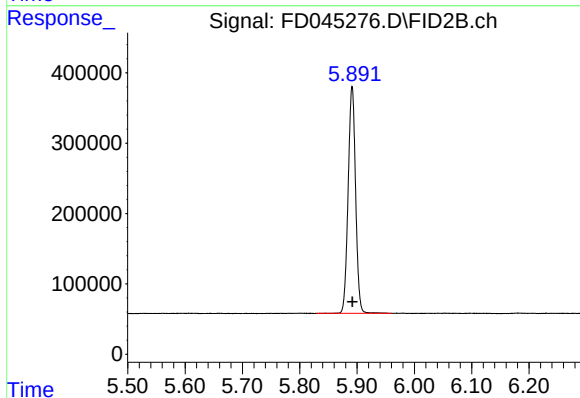




#1 1,2,3-Trimethylbenzene (C10.1)

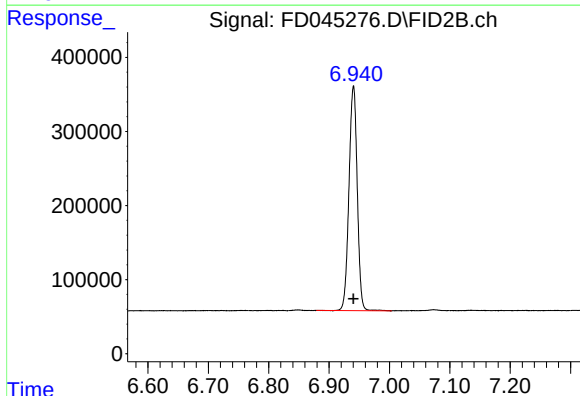
R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2839588
Conc: 18.75 ug/ml

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20 PPM AROMATIC HC STD



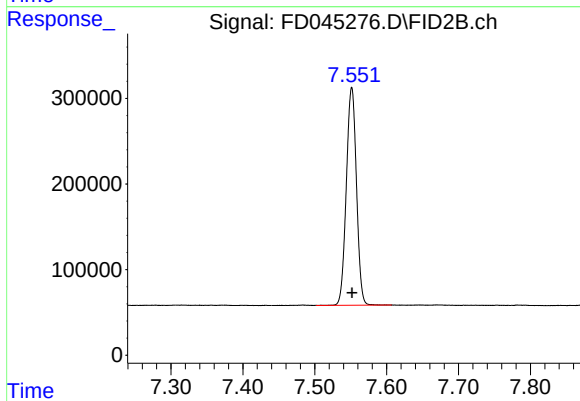
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2917869
Conc: 18.47 ug/ml



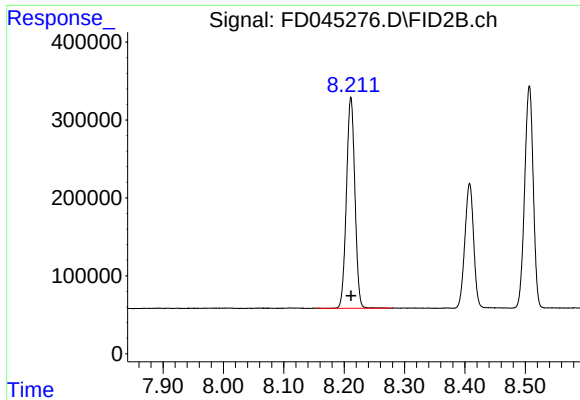
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2888668
Conc: 18.18 ug/ml



#4 2-Bromonaphthalene (SURR)

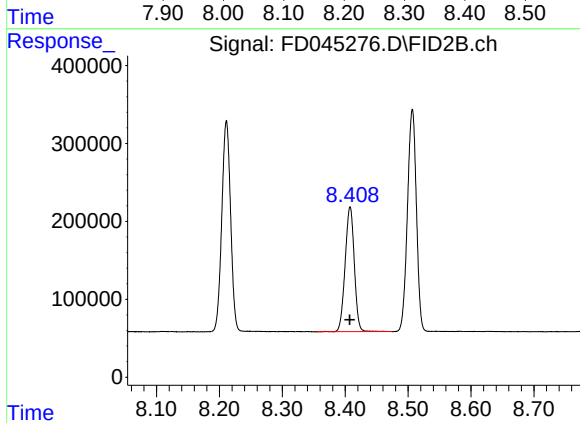
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 2492425
Conc: 18.37 ug/ml



#5 Acenaphthylene (C15.06)

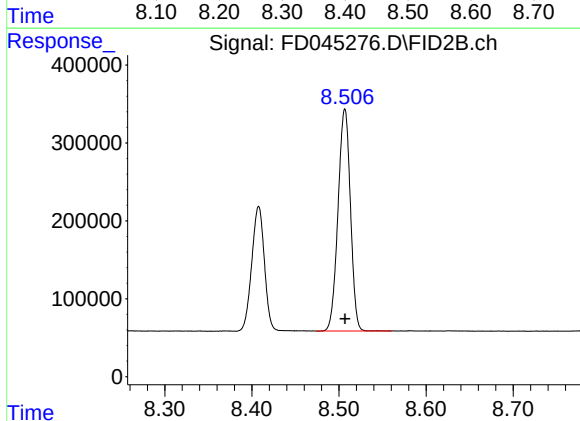
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 2637347
Conc: 18.39 ug/ml

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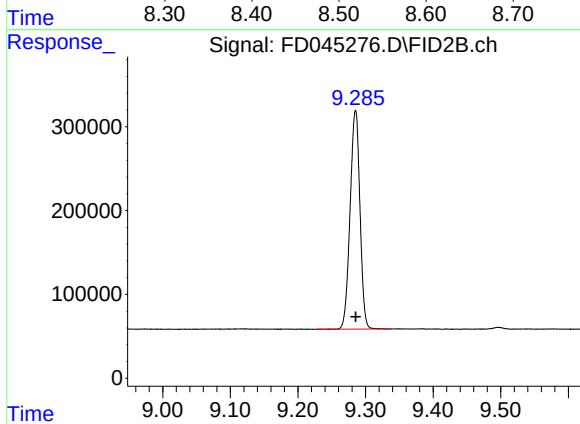
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1617791
Conc: 18.07 ug/ml



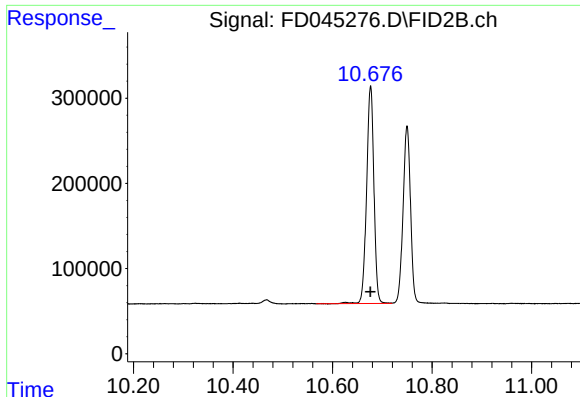
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 2814999
Conc: 18.57 ug/ml



#8 Fluorene (C16.55)

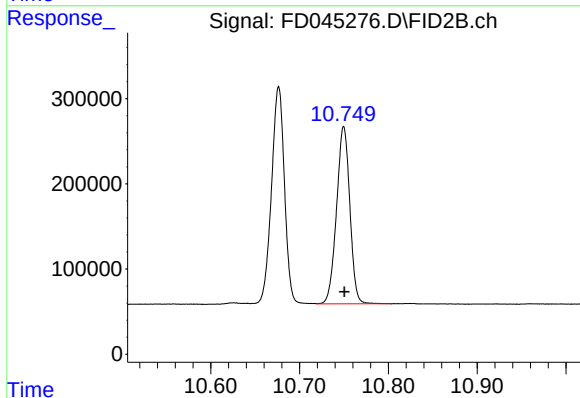
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2640597
Conc: 17.94 ug/ml



#9 Phenanthrene (C19.36)

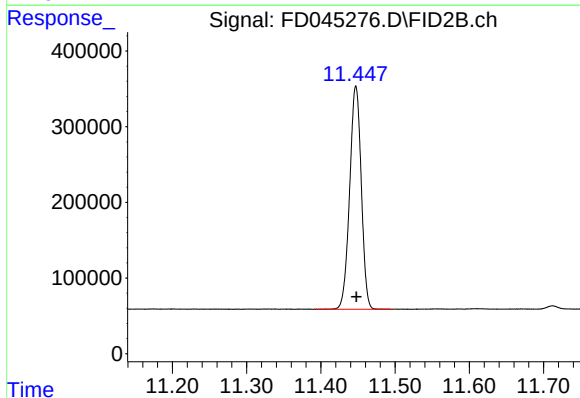
R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 2608456
Conc: 18.27 ug/ml

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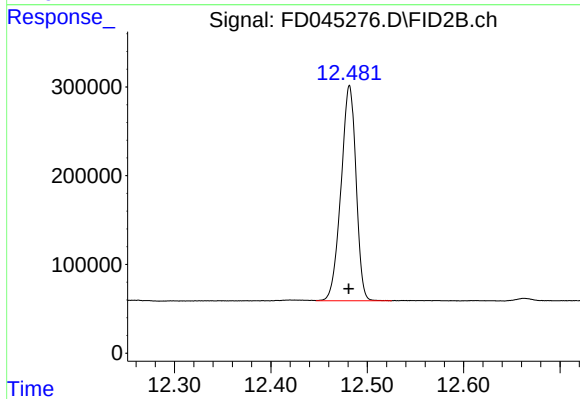
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2167182
Conc: 15.47 ug/ml



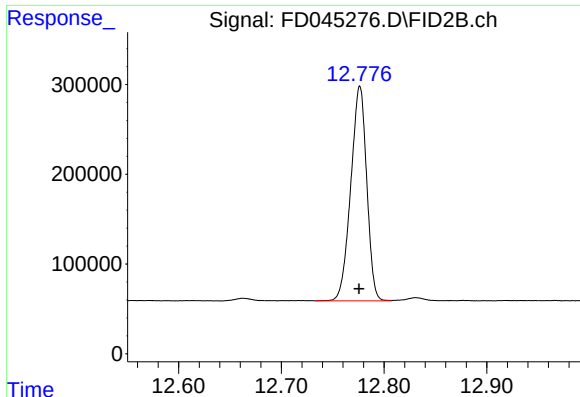
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.000 min
Response: 3194879
Conc: 19.19 ug/ml



#12 Fluoranthene (C21.85)

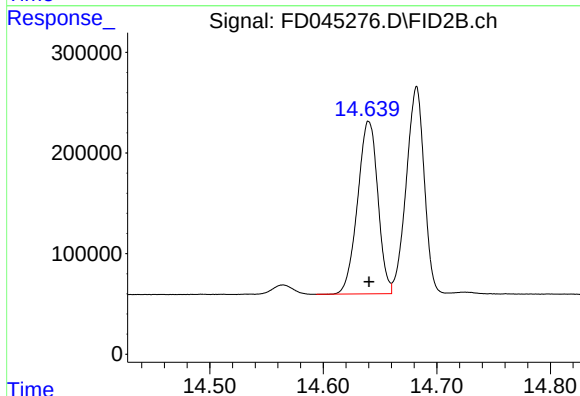
R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 2618012
Conc: 18.74 ug/ml



#13 Pyrene (C20.8)

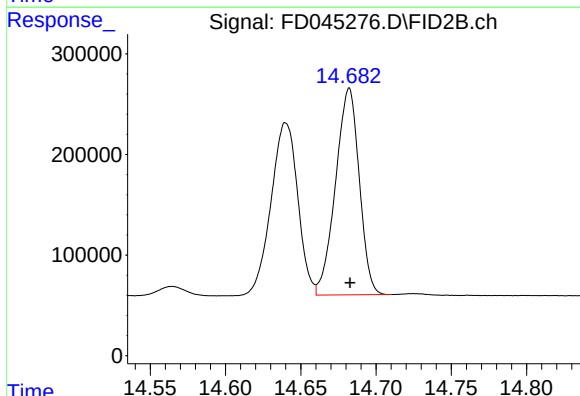
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2577217
Conc: 18.93 ug/ml

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20 PPM AROMATIC HC STD



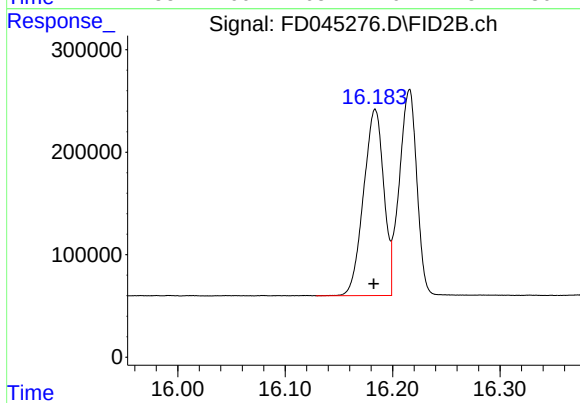
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 2125649
Conc: 16.68 ug/ml



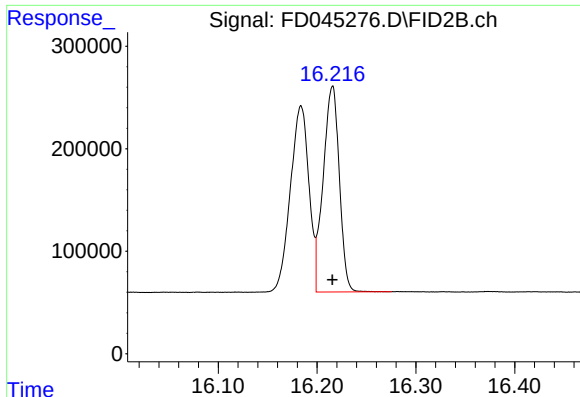
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.000 min
Response: 2248762
Conc: 17.25 ug/ml



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

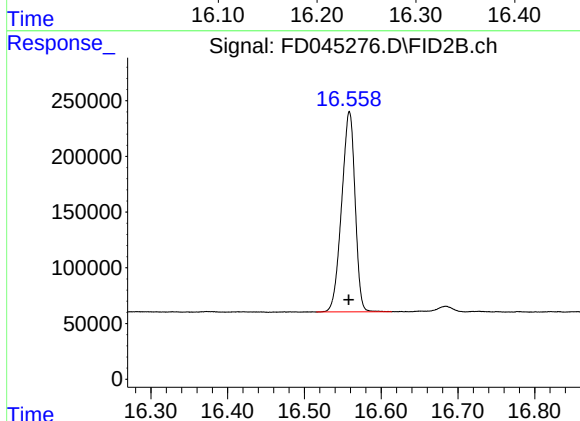
R.T.: 16.184 min
Delta R.T.: 0.001 min
Response: 2375703
Conc: 18.43 ug/ml



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

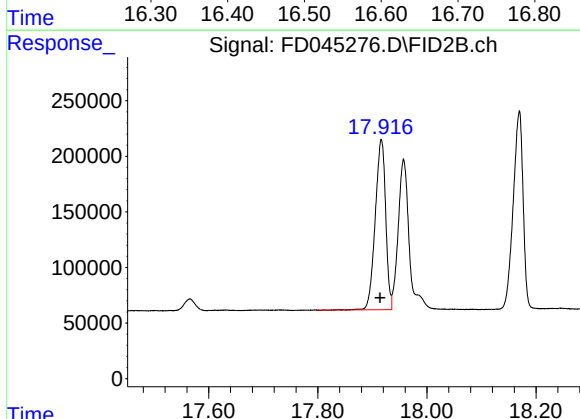
R.T.: 16.215 min
Delta R.T.: 0.000 min
Response: 2281553
Conc: 18.07 ug/ml

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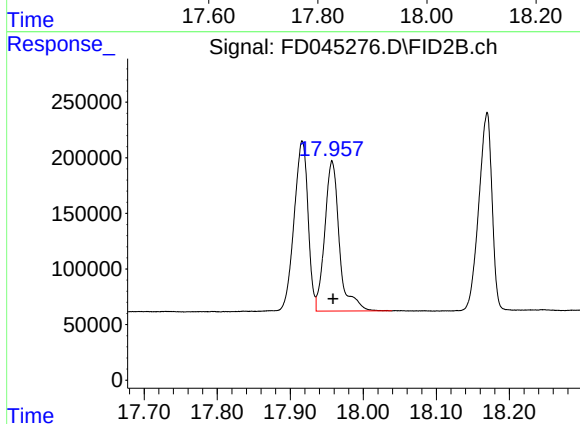
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2187058
Conc: 17.38 ug/ml



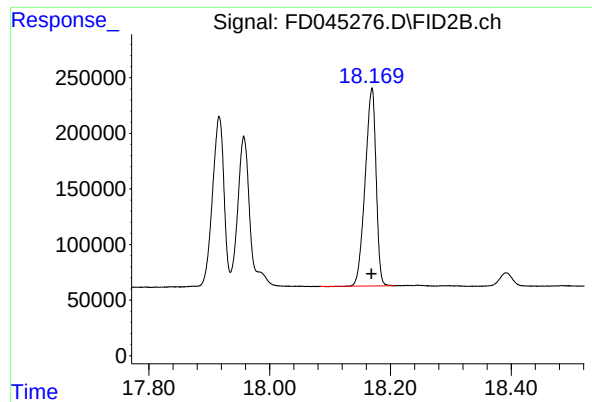
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.002 min
Response: 2032876
Conc: 16.99 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.001 min
Response: 1890166
Conc: 15.67 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2229380
Conc: 17.92 ug/ml

Instrument :

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