

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045574.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 22:04
 Operator : YP/AJ
 Sample : 02567-02MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-21-SB02MSD

Integration File: autoint1.e
 Quant Time: May 04 04:09:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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

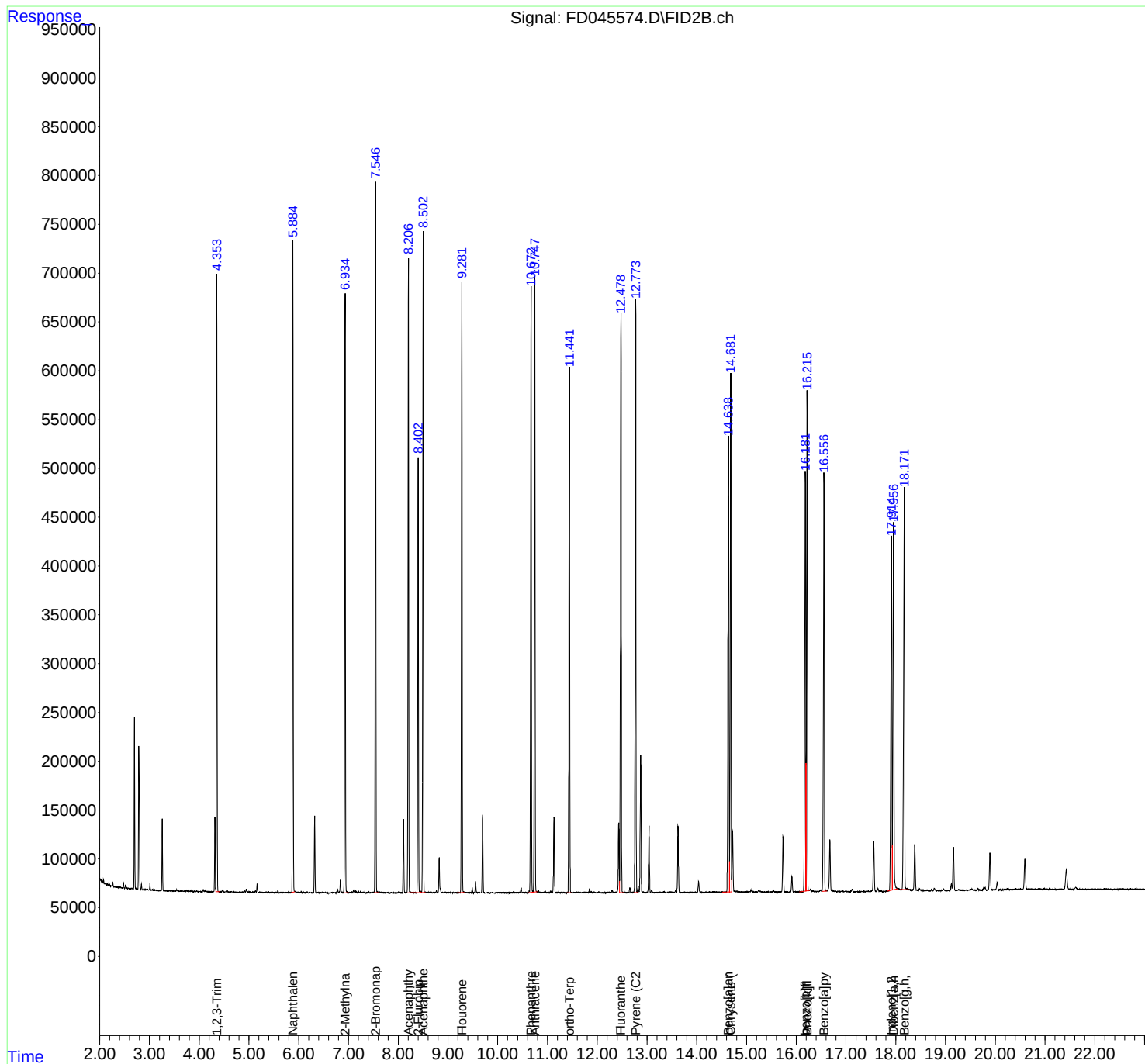
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.546	7036695	48.671 ug/ml
Spiked Amount 50.000		Recovery =	97.34%
6) S 2-Fluorobiphenyl (SURR)	8.402	4517282	48.443 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.89%
11) S ortho-Terphenyl (SURR)	11.442	5930788	33.139 ug/ml
Spiked Amount 50.000		Recovery =	66.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	5390629	32.173 ug/ml
2) T Naphthalene (C11.7)	5.884	5986176	34.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	5880457	34.757 ug/ml
5) T Acenaphthylene (C15.06)	8.206	6340808	41.914 ug/ml
7) T Acenaphthene (C15.5)	8.503	6718894	41.441 ug/ml
8) T Fluorene (C16.55)	9.281	6484219	42.096 ug/ml
9) T Phenanthrene (C19.36)	10.672	6648543	44.570 ug/ml
10) T Anthracene (C19.43)	10.747	6503037	50.343 ug/ml
12) T Fluoranthene (C21.85)	12.477	6768714	45.990 ug/ml
13) T Pyrene (C20.8)	12.773	6794921	47.368 ug/ml
14) T Benzo[a]anthracene (C...	14.637	6139301	46.849 ug/ml
15) T Chrysene (C27.41)	14.681	6082797	44.560 ug/ml
16) T benzo[b]fluoranthene ...	16.181	6213006	46.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	5958437	44.543 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	5431819	42.450 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	5185089	41.277 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	5169285	37.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	5740744	43.820 ug/ml

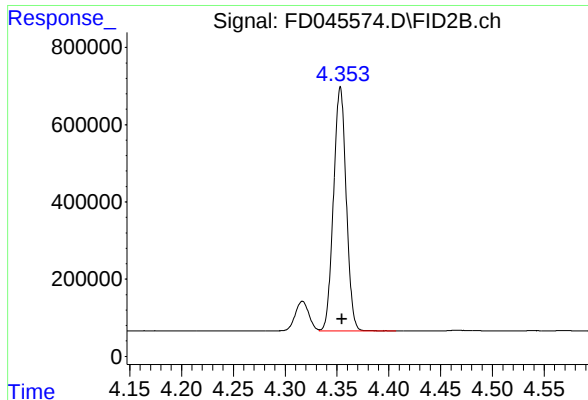
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

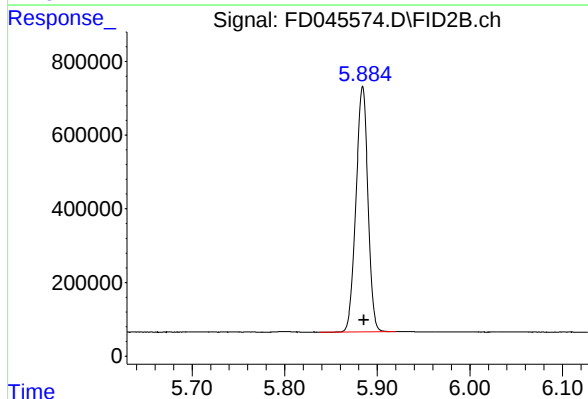




#1 1,2,3-Trimethylbenzene (C10.1)

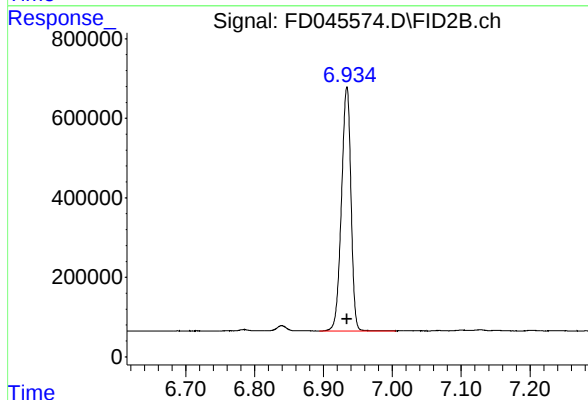
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 5390629
Conc: 32.17 ug/ml

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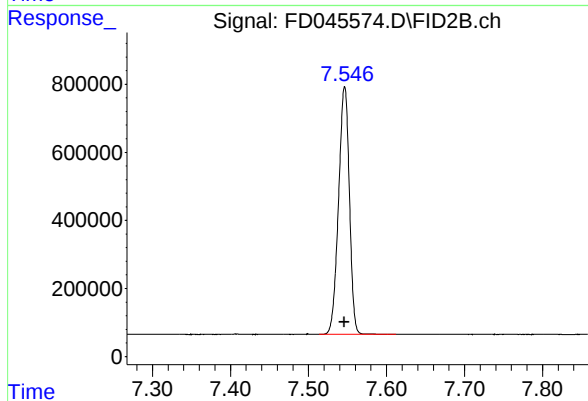
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 5986176
Conc: 34.98 ug/ml



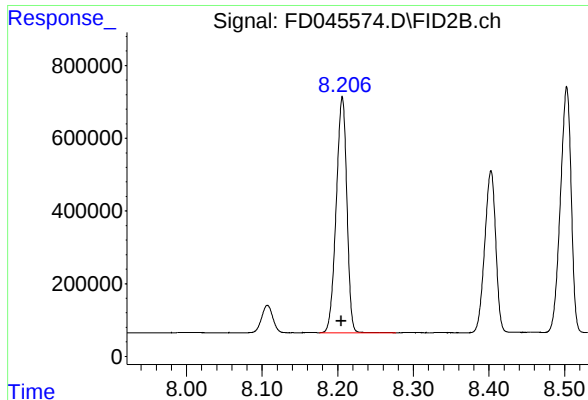
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 5880457
Conc: 34.76 ug/ml



#4 2-Bromonaphthalene (SURR)

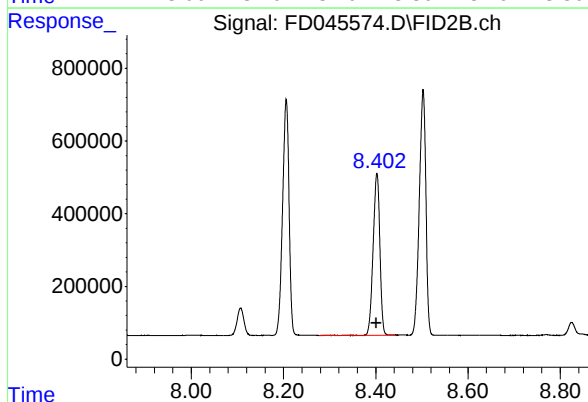
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 7036695
Conc: 48.67 ug/ml



#5 Acenaphthylene (C15.06)

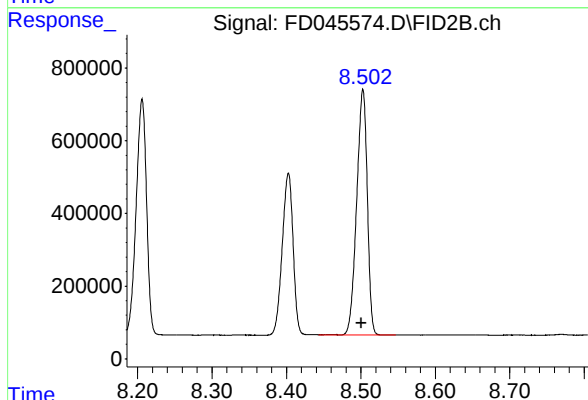
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 6340808
Conc: 41.91 ug/ml

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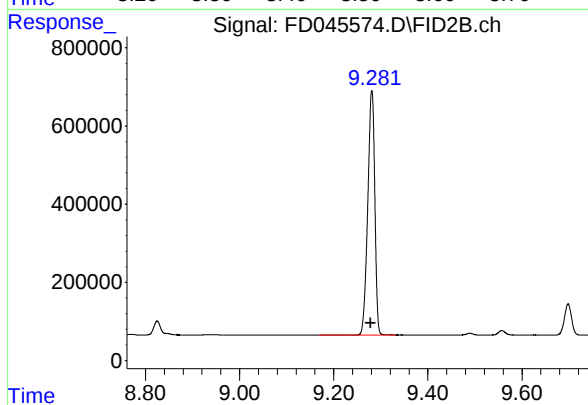
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.001 min
Response: 4517282
Conc: 48.44 ug/ml



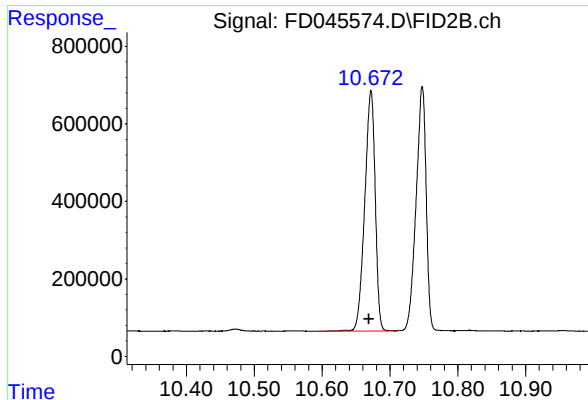
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.002 min
Response: 6718894
Conc: 41.44 ug/ml



#8 Fluorene (C16.55)

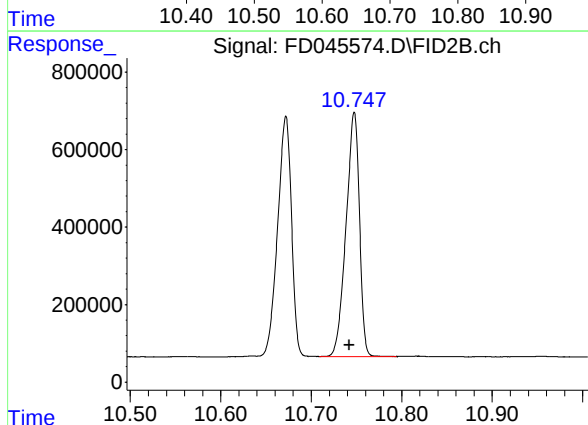
R.T.: 9.281 min
Delta R.T.: 0.002 min
Response: 6484219
Conc: 42.10 ug/ml



#9 Phenanthrene (C19.36)

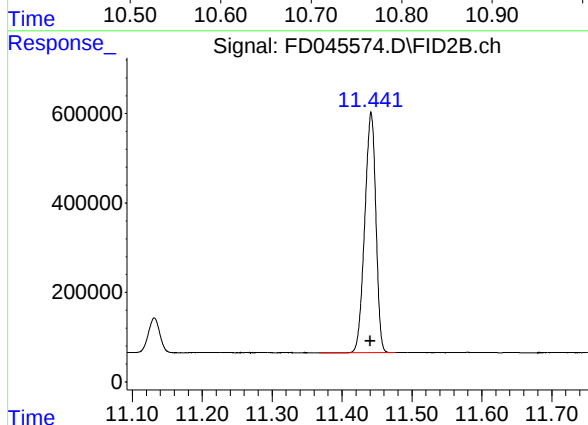
R.T.: 10.672 min
Delta R.T.: 0.003 min
Response: 6648543
Conc: 44.57 ug/ml

Instrument :
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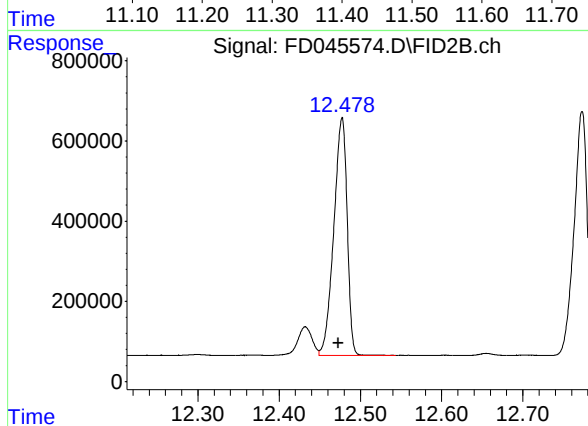
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.005 min
Response: 6503037
Conc: 50.34 ug/ml



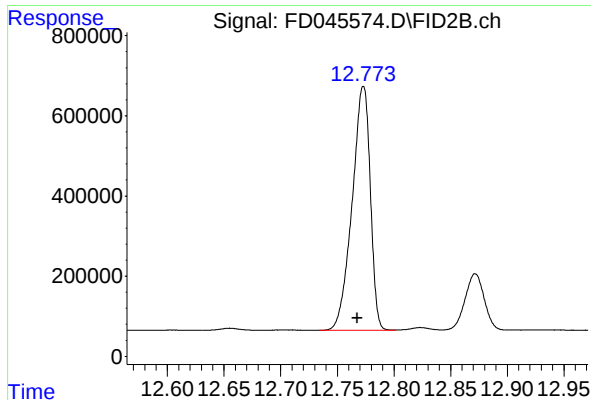
#11 ortho-Terphenyl (SURRE)

R.T.: 11.442 min
Delta R.T.: 0.001 min
Response: 5930788
Conc: 33.14 ug/ml



#12 Fluoranthene (C21.85)

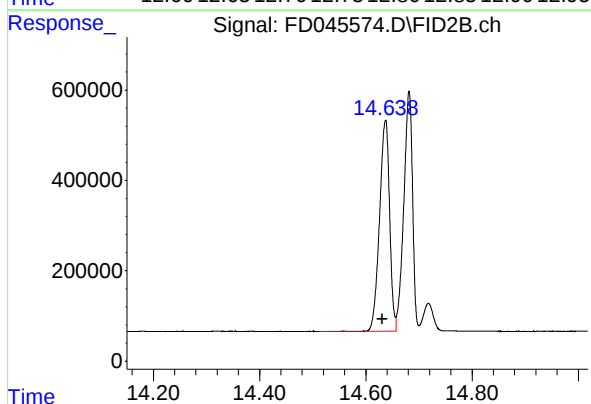
R.T.: 12.477 min
Delta R.T.: 0.004 min
Response: 6768714
Conc: 45.99 ug/ml



#13 Pyrene (C20.8)

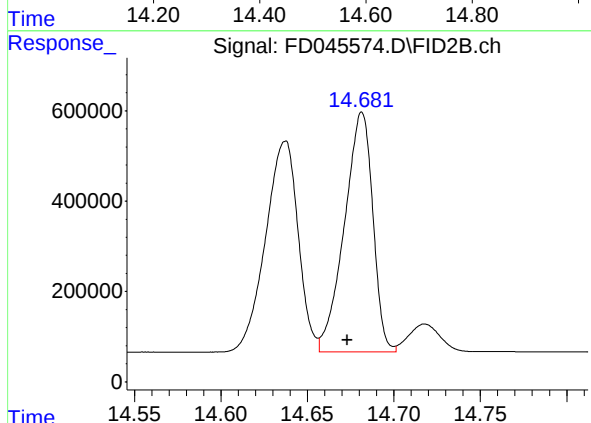
R.T.: 12.773 min
Delta R.T.: 0.005 min
Response: 6794921
Conc: 47.37 ug/ml

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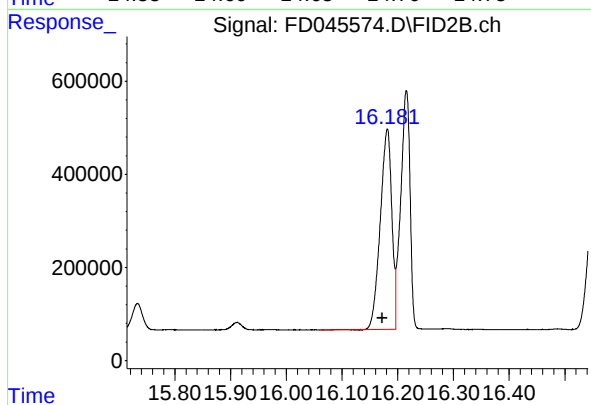
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.005 min
Response: 6139301
Conc: 46.85 ug/ml



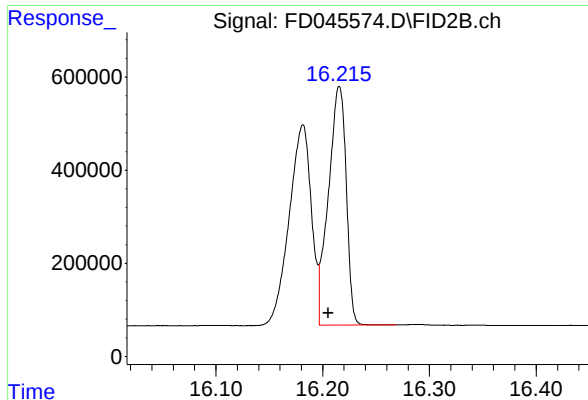
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.008 min
Response: 6082797
Conc: 44.56 ug/ml



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

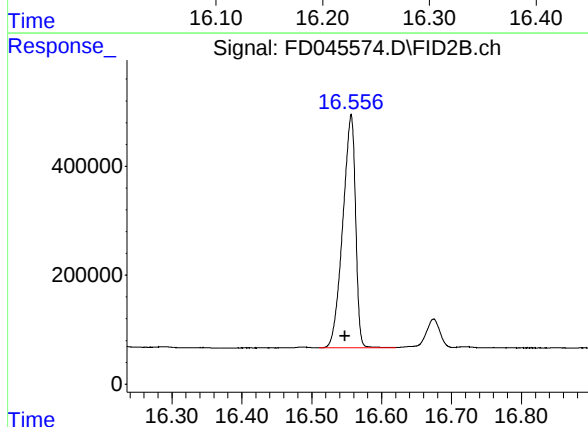
R.T.: 16.181 min
Delta R.T.: 0.008 min
Response: 6213006
Conc: 46.53 ug/ml



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

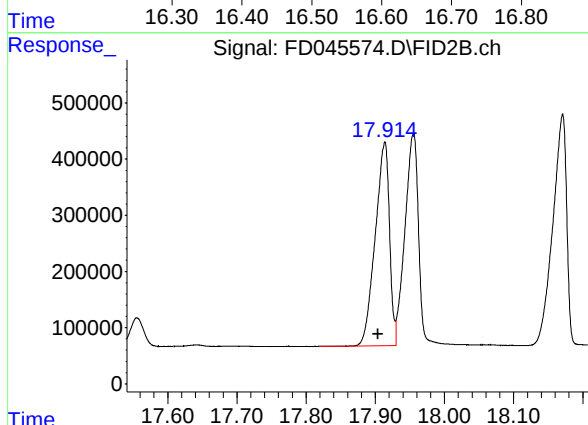
R.T.: 16.215 min
Delta R.T.: 0.010 min
Response: 5958437
Conc: 44.54 ug/ml

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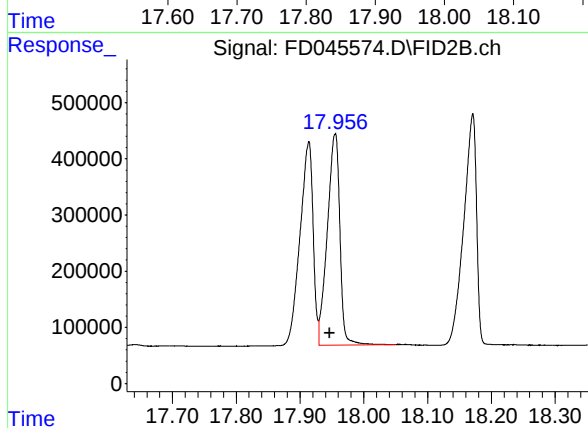
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.008 min
Response: 5431819
Conc: 42.45 ug/ml



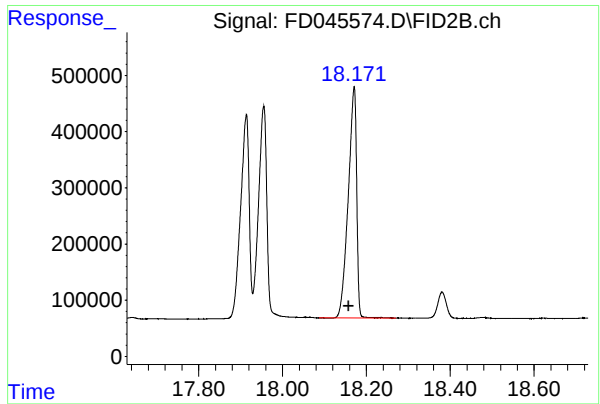
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.009 min
Response: 5185089
Conc: 41.28 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.008 min
Response: 5169285
Conc: 37.95 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.013 min
Response: 5740744
Conc: 43.82 ug/ml

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