

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AR\
 Data File : FD043984.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 08:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 28 09:31:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.422	2843429	21.610 ug/ml
Spiked Amount 50.000		Recovery =	43.22%
6) S 2-Fluorobiphenyl (SURR)	8.278	1711802	23.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.46%
11) S ortho-Terphenyl (SURR)	11.307	3655477	19.622 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	2820168	18.765 ug/ml
2) T Naphthalene (C11.7)	5.764	1891383	13.282 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	3228704	22.070 ug/ml
5) T Acenaphthylene (C15.06)	8.078	1665001	10.790 ug/ml
7) T Acenaphthene (C15.5)	8.370	3433142	19.617 ug/ml
8) T Flouorene (C16.55)	9.150	3080311	20.957 ug/ml
9) T Phenanthrene (C19.36)	10.541	2926500	20.223 ug/ml
10) T Anthracene (C19.43)	10.617	2560439	17.447 ug/ml
12) T Fluoranthene (C21.85)	12.346	2850052	18.582 ug/ml
13) T Pyrene (C20.8)	12.640	2638402	17.736 ug/ml
14) T Benzo[a]anthracene (C...	14.508	2203478	19.711 ug/ml
15) T Chrysene (C27.41)	14.550	2704668	17.306 ug/ml
16) T benzo[b]fluoranthene ...	16.053	2318690	19.883 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	2618616	17.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	2376817	19.622 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	2213793	23.284 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	2715097	22.601 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	2529451	22.196 ug/ml

(f)=RT Delta > 1/2 Window

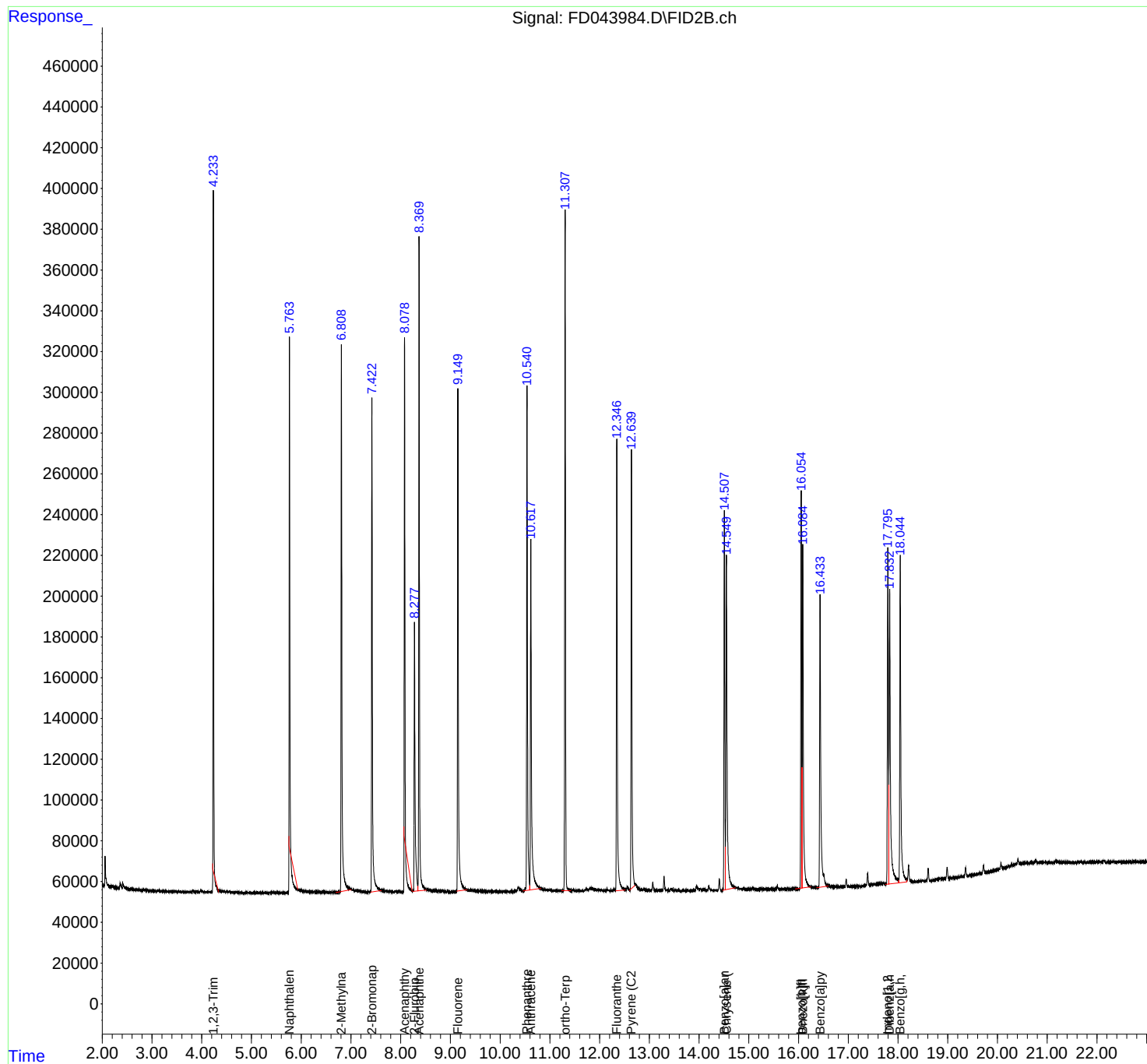
(m)=manual int.

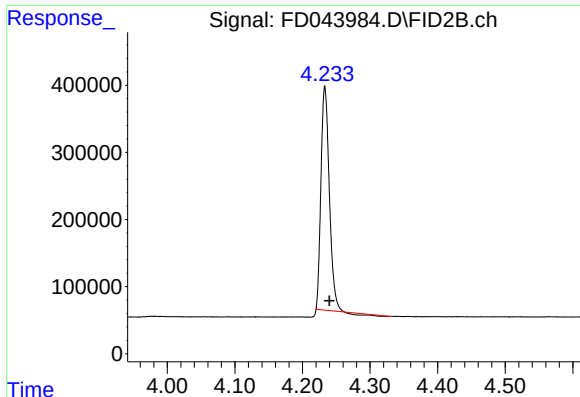
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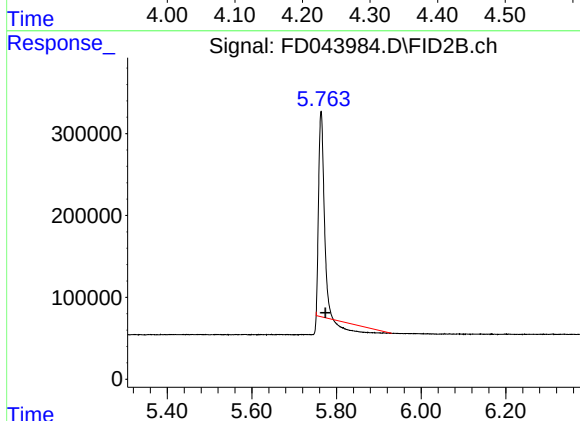




#1 1,2,3-Trimethylbenzene (C10.1)

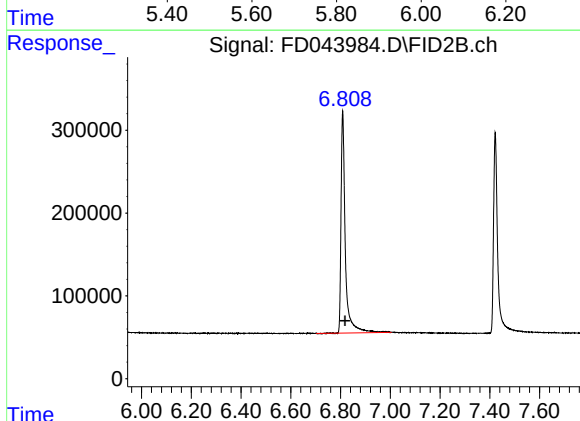
R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 2820168
Conc: 18.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



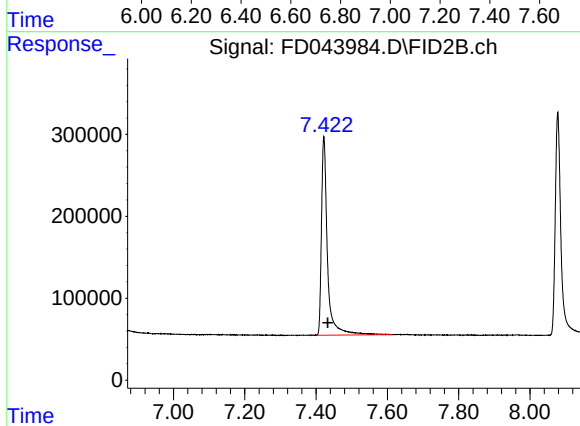
#2 Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.010 min
Response: 1891383
Conc: 13.28 ug/ml



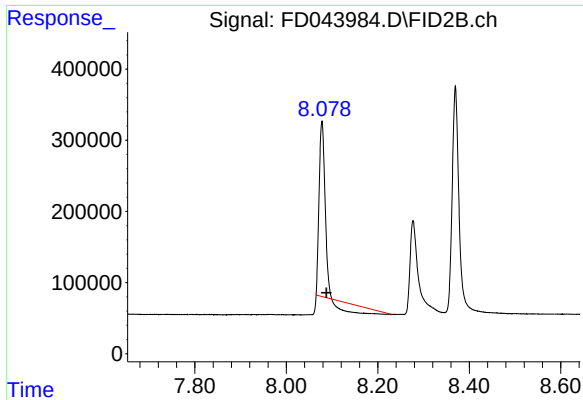
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 3228704
Conc: 22.07 ug/ml



#4 2-Bromonaphthalene (SURR)

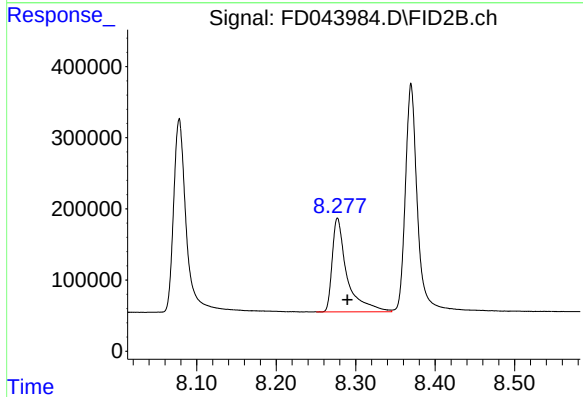
R.T.: 7.422 min
Delta R.T.: -0.011 min
Response: 2843429
Conc: 21.61 ug/ml



#5 Acenaphthylene (C15.06)

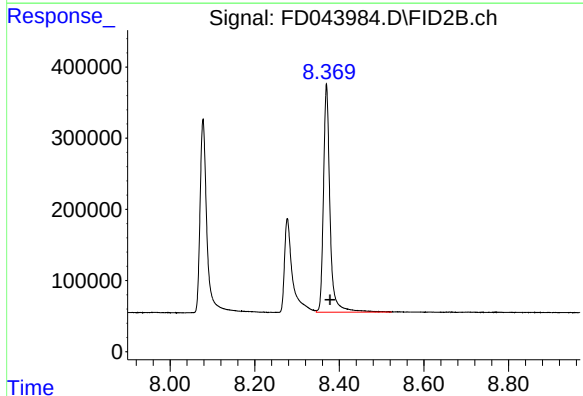
R.T.: 8.078 min
Delta R.T.: -0.009 min
Response: 1665001
Conc: 10.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



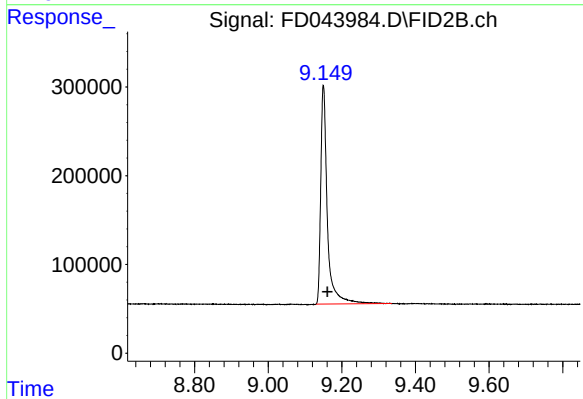
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 1711802
Conc: 23.73 ug/ml



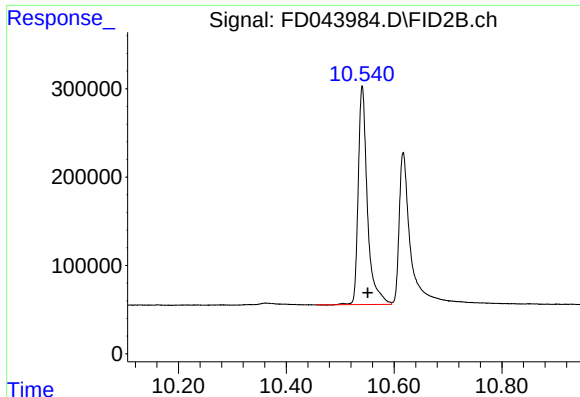
#7 Acenaphthene (C15.5)

R.T.: 8.370 min
Delta R.T.: -0.008 min
Response: 3433142
Conc: 19.62 ug/ml



#8 Fluorene (C16.55)

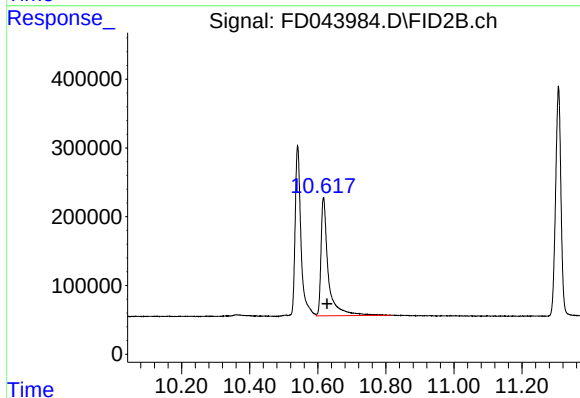
R.T.: 9.150 min
Delta R.T.: -0.011 min
Response: 3080311
Conc: 20.96 ug/ml



#9 Phenanthrene (C19.36)

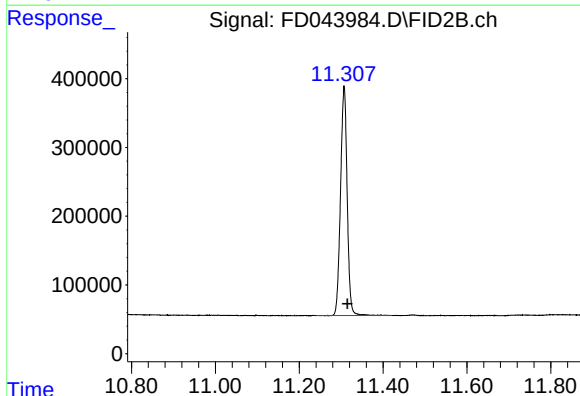
R.T.: 10.541 min
Delta R.T.: -0.010 min
Response: 2926500
Conc: 20.22 ug/ml

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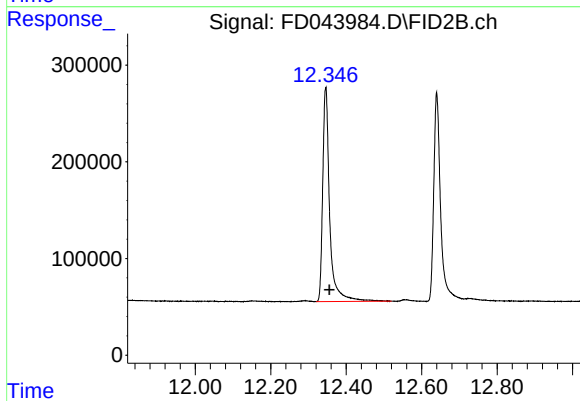
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.011 min
Response: 2560439
Conc: 17.45 ug/ml



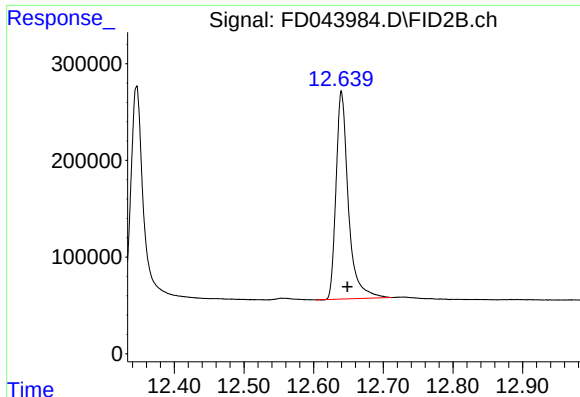
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: -0.008 min
Response: 3655477
Conc: 19.62 ug/ml



#12 Fluoranthene (C21.85)

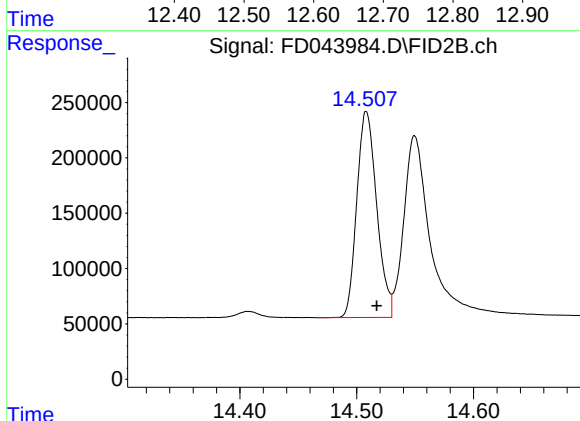
R.T.: 12.346 min
Delta R.T.: -0.009 min
Response: 2850052
Conc: 18.58 ug/ml



#13 Pyrene (C20.8)

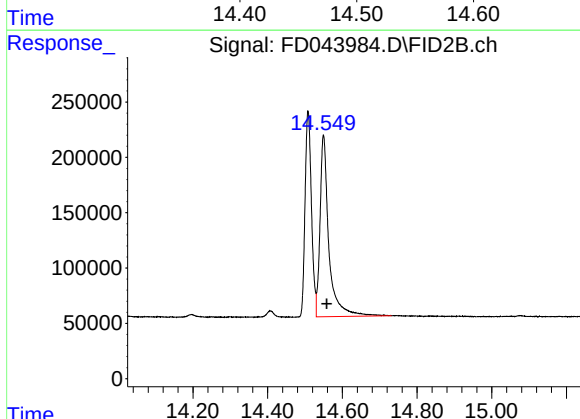
R.T.: 12.640 min
Delta R.T.: -0.008 min
Response: 2638402
Conc: 17.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



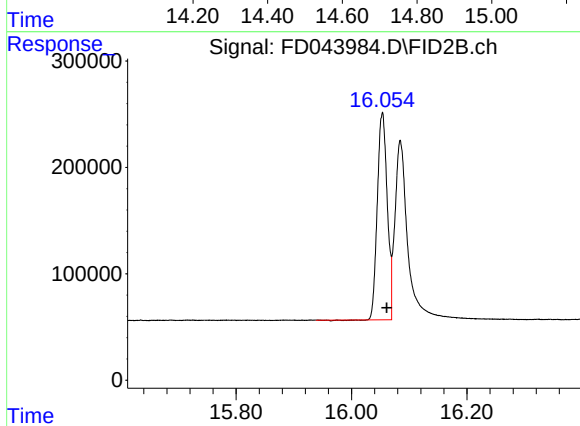
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.508 min
Delta R.T.: -0.009 min
Response: 2203478
Conc: 19.71 ug/ml



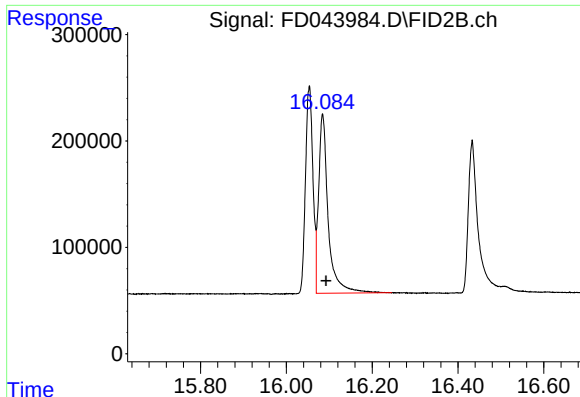
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.008 min
Response: 2704668
Conc: 17.31 ug/ml



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

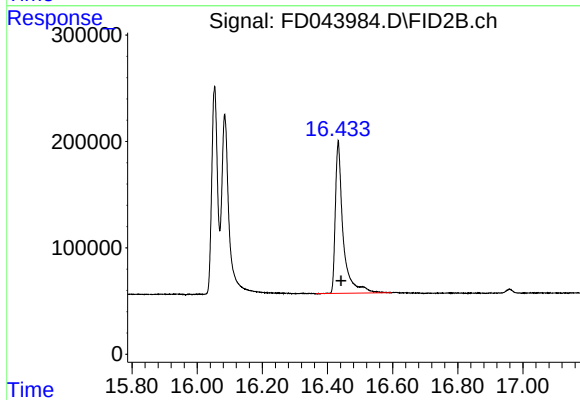
R.T.: 16.053 min
Delta R.T.: -0.007 min
Response: 2318690
Conc: 19.88 ug/ml



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

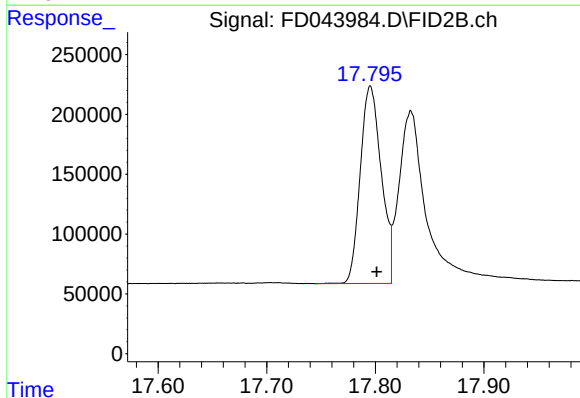
R.T.: 16.085 min
Delta R.T.: -0.008 min
Response: 2618616
Conc: 17.64 ug/ml

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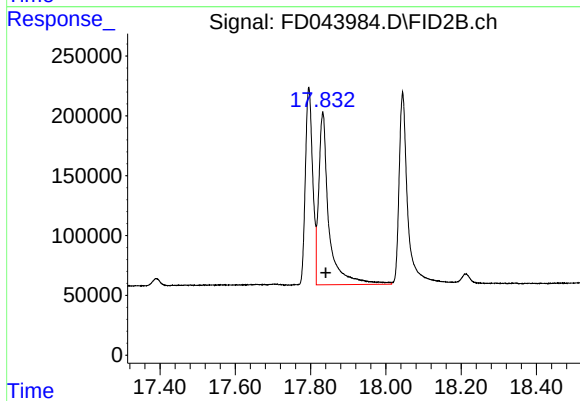
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.009 min
Response: 2376817
Conc: 19.62 ug/ml



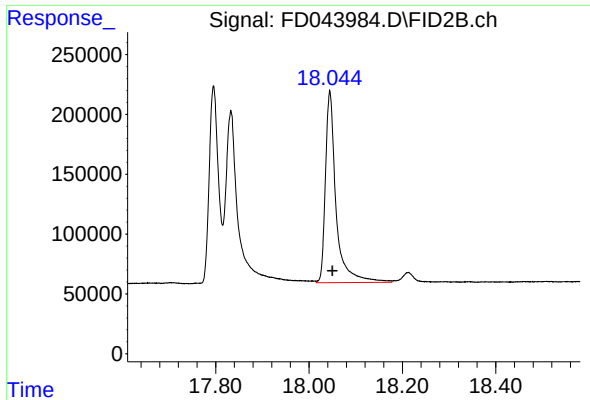
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.006 min
Response: 2213793
Conc: 23.28 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.008 min
Response: 2715097
Conc: 22.60 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 2529451
Conc: 22.20 ug/ml

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