

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031221AR\
 Data File : FD036388.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2021 4:49
 Operator : DD\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: Mar 13 06:01:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.599	2129407	18.066 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
6) S 2-Fluorobiphenyl (SURR)	8.459	1496335	17.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.96%
11) S ortho-Terphenyl (SURR)	11.500	2486132	17.647 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	2303462	18.372 ug/ml
2) T Naphthalene (C11.7)	5.937	2475728	18.270 ug/ml
3) T 2-Methylnaphthalene (...)	6.988	2482341	18.179 ug/ml
5) T Acenaphthylene (C15.06)	8.263	2400130	17.839 ug/ml
7) T Acenaphthene (C15.5)	8.558	2490406	17.992 ug/ml
8) T Fluorene (C16.55)	9.338	2434603	17.840 ug/ml
9) T Phenanthrene (C19.36)	10.733	2417248	17.545 ug/ml
10) T Anthracene (C19.43)	10.807	2247911	16.743 ug/ml
12) T Fluoranthene (C21.85)	12.542	2435343	17.536 ug/ml
13) T Pyrene (C20.8)	12.838	2409061	17.572 ug/ml
14) T Benzo[a]anthracene (C...	14.706	2202601	17.414 ug/ml
15) T Chrysene (C27.41)	14.748	2265856	17.497 ug/ml
16) T benzo[b]fluoranthene ...	16.252	2161627	17.761 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	2092588	17.771 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	1972031	17.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	2030492	18.352 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	2062699	18.640 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	2056772	18.601 ug/ml

(f)=RT Delta > 1/2 Window

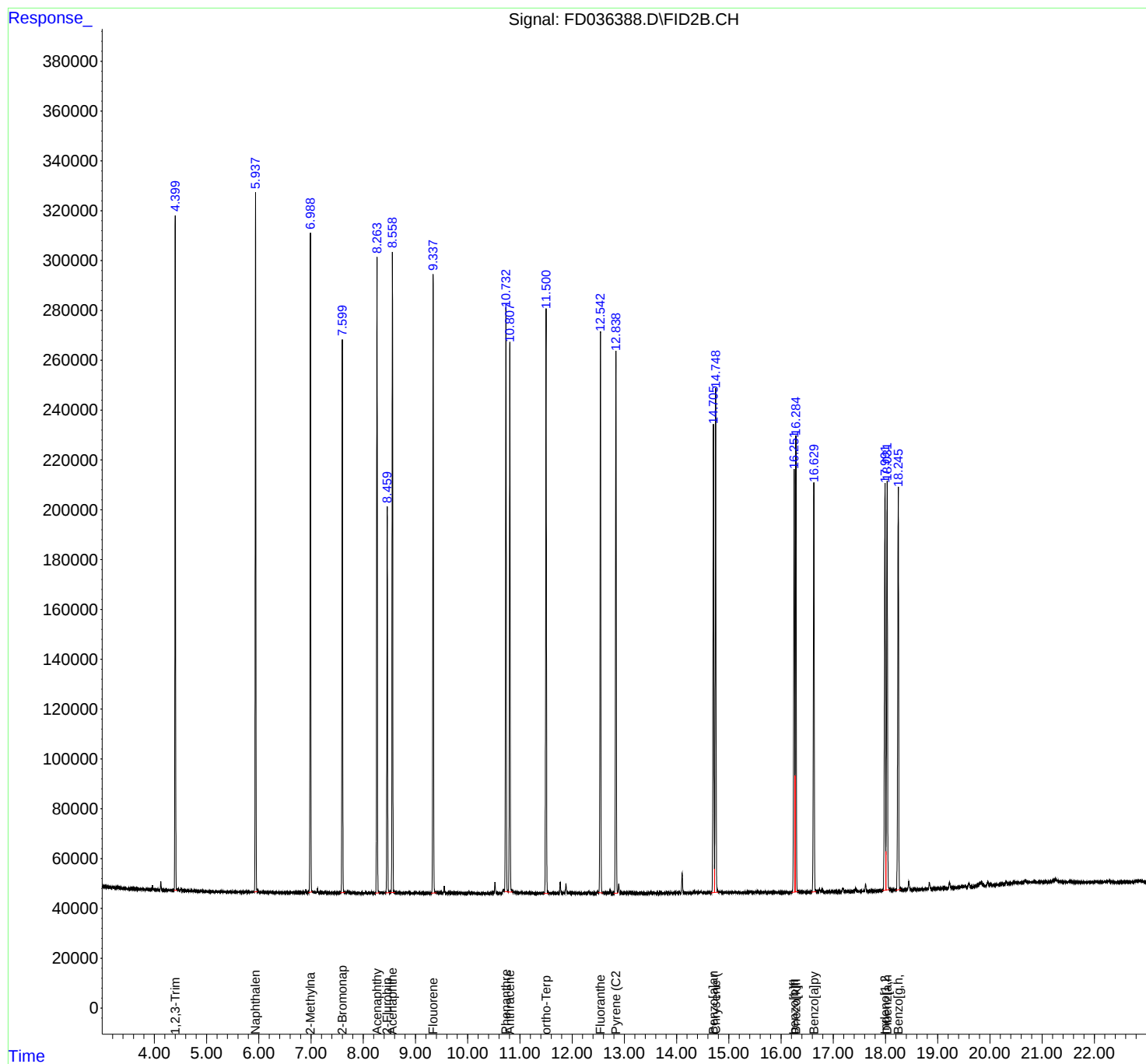
(m)=manual int.

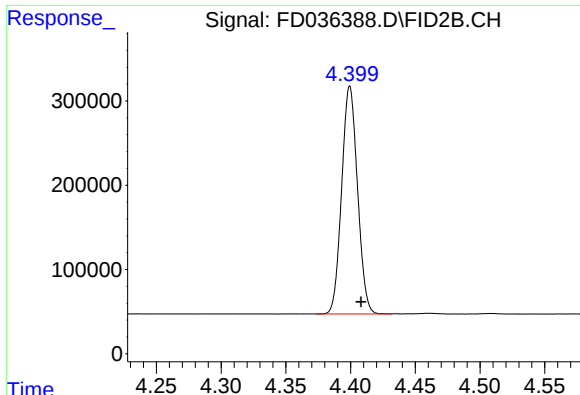
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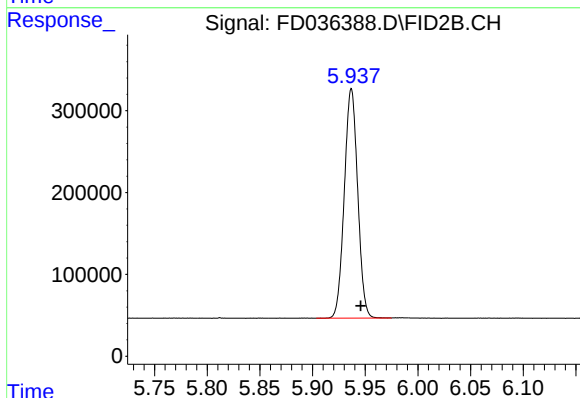




#1 1,2,3-Trimethylbenzene (C10.1)

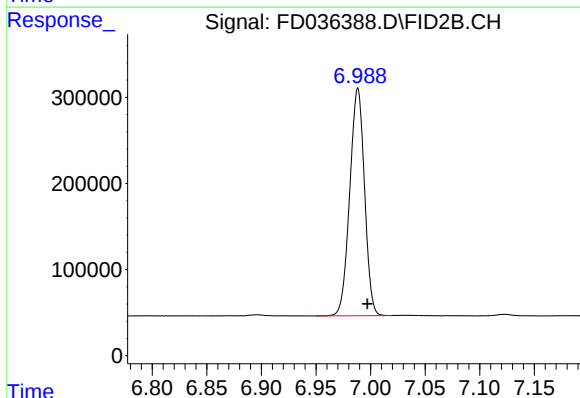
R.T.: 4.399 min
Delta R.T.: -0.009 min
Response: 2303462
Conc: 18.37 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



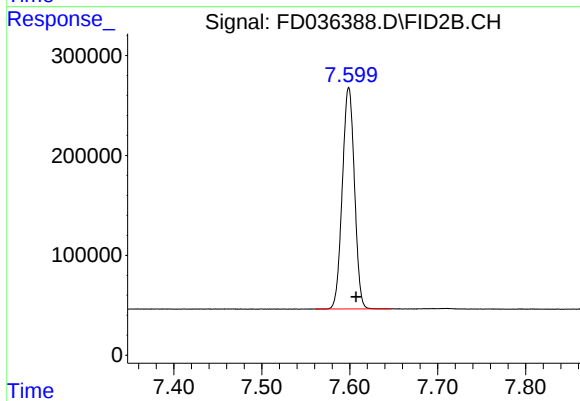
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 2475728
Conc: 18.27 ug/ml



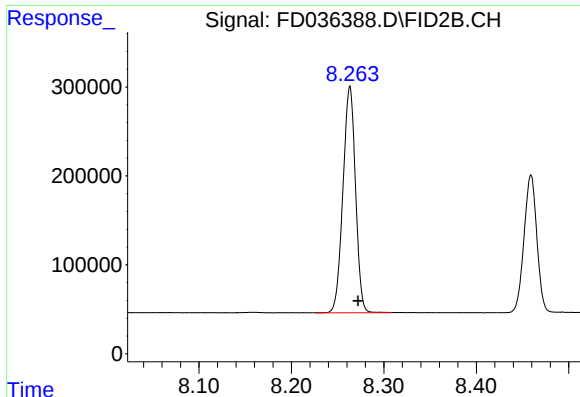
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.009 min
Response: 2482341
Conc: 18.18 ug/ml



#4 2-Bromonaphthalene (SURR)

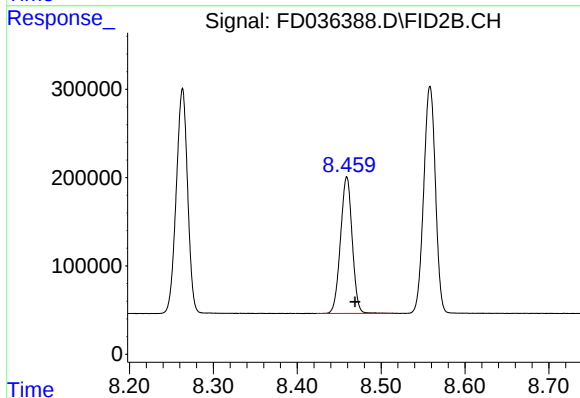
R.T.: 7.599 min
Delta R.T.: -0.008 min
Response: 2129407
Conc: 18.07 ug/ml



#5 Acenaphthylene (C15.06)

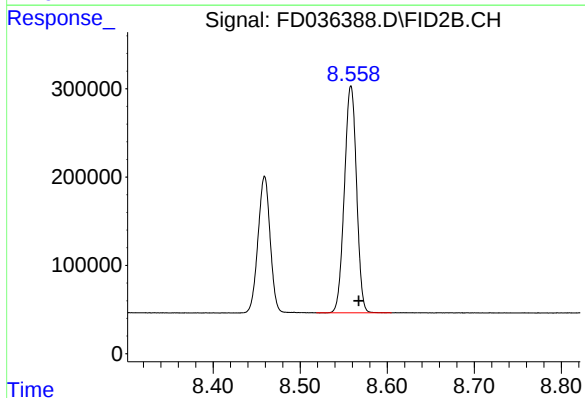
R.T.: 8.263 min
Delta R.T.: -0.009 min
Response: 2400130
Conc: 17.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



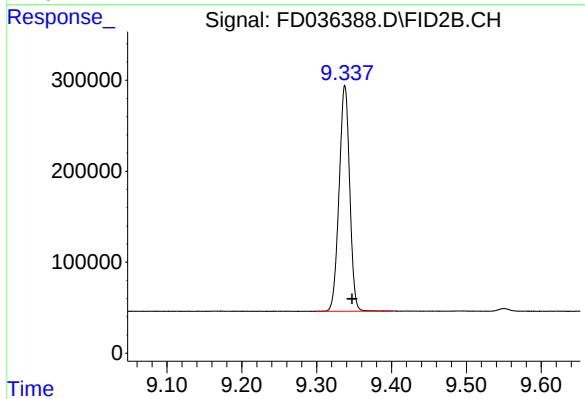
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.010 min
Response: 1496335
Conc: 17.98 ug/ml



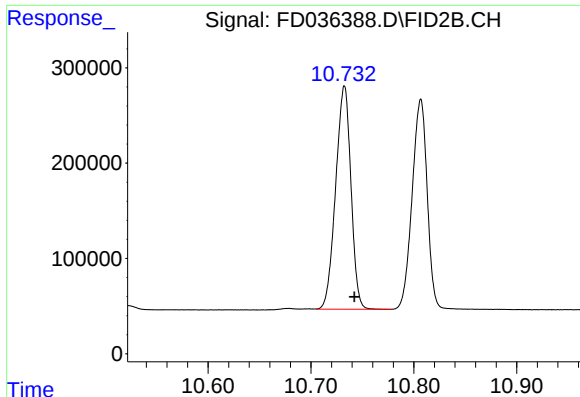
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 2490406
Conc: 17.99 ug/ml



#8 Flouorene (C16.55)

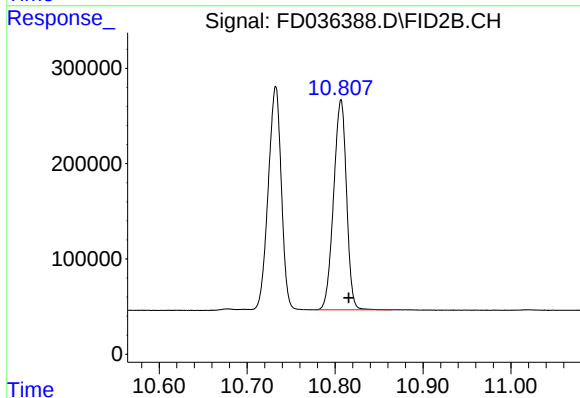
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 2434603
Conc: 17.84 ug/ml



#9 Phenanthrene (C19.36)

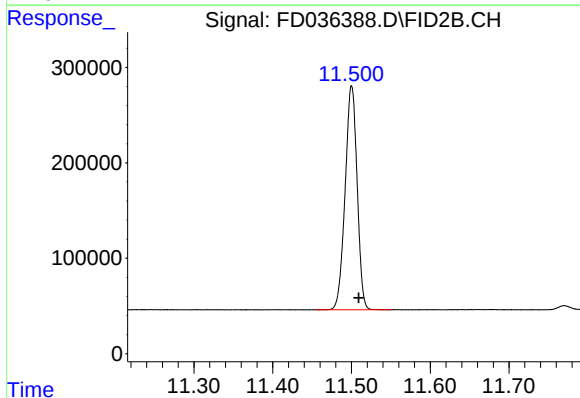
R.T.: 10.733 min
Delta R.T.: -0.010 min
Response: 2417248
Conc: 17.54 ug/ml

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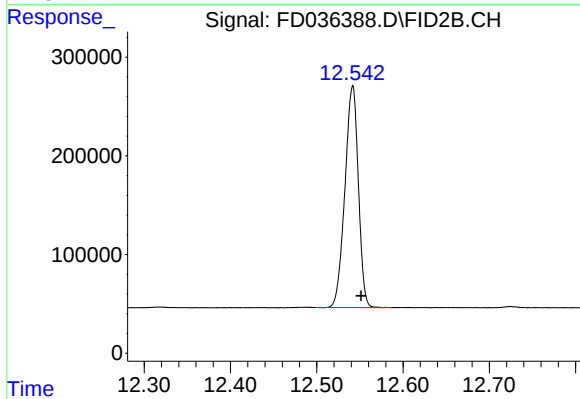
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2247911
Conc: 16.74 ug/ml



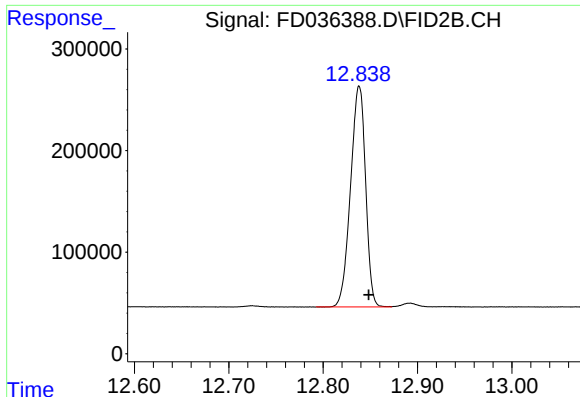
#11 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.009 min
Response: 2486132
Conc: 17.65 ug/ml



#12 Fluoranthene (C21.85)

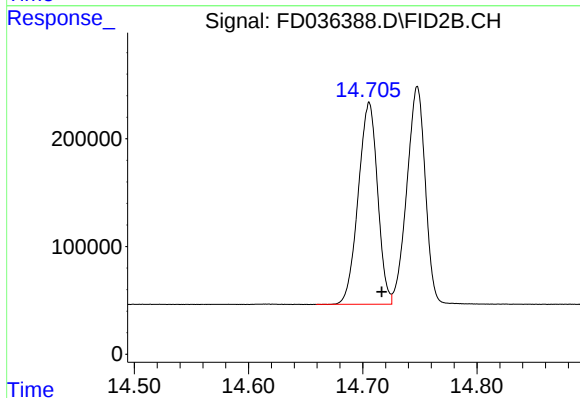
R.T.: 12.542 min
Delta R.T.: -0.009 min
Response: 2435343
Conc: 17.54 ug/ml



#13 Pyrene (C20.8)

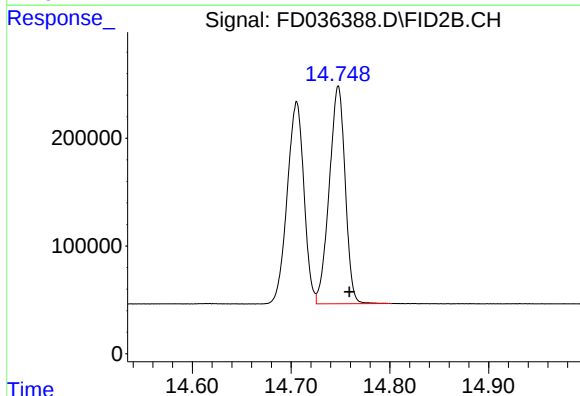
R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 2409061
Conc: 17.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



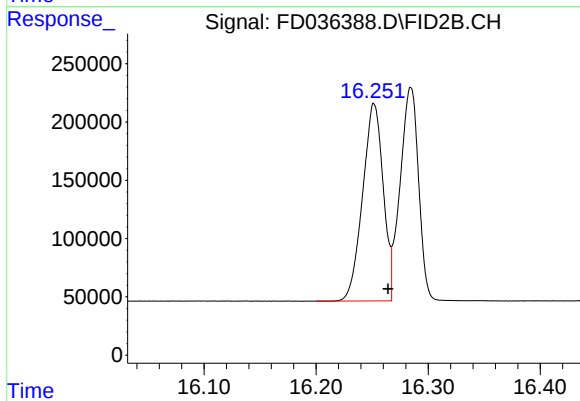
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.011 min
Response: 2202601
Conc: 17.41 ug/ml



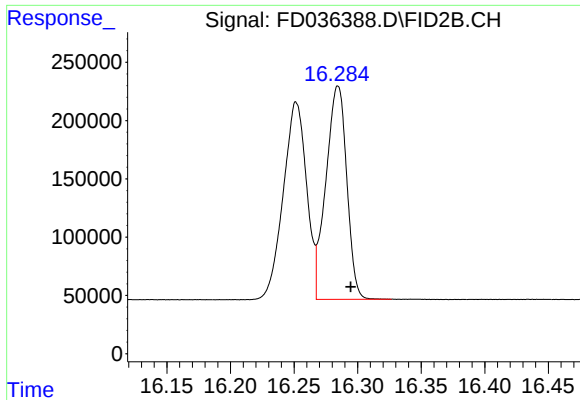
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.011 min
Response: 2265856
Conc: 17.50 ug/ml



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

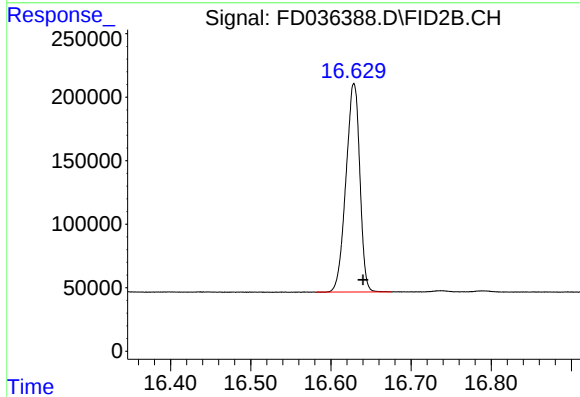
R.T.: 16.252 min
Delta R.T.: -0.012 min
Response: 2161627
Conc: 17.76 ug/ml



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

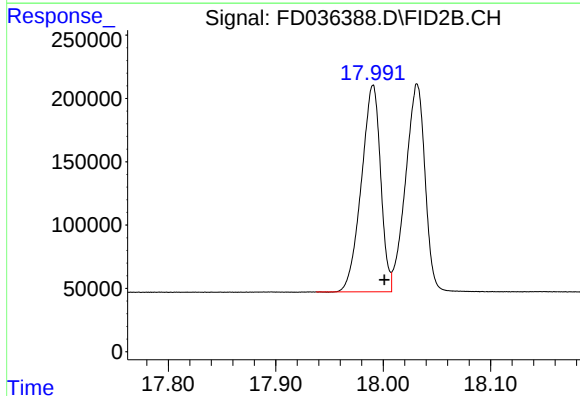
R.T.: 16.285 min
Delta R.T.: -0.010 min
Response: 2092588
Conc: 17.77 ug/ml

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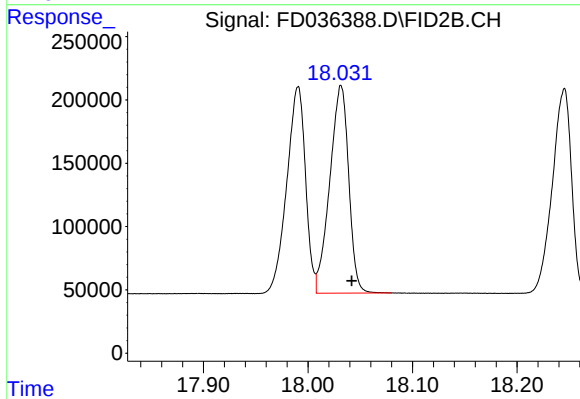
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: -0.012 min
Response: 1972031
Conc: 17.88 ug/ml



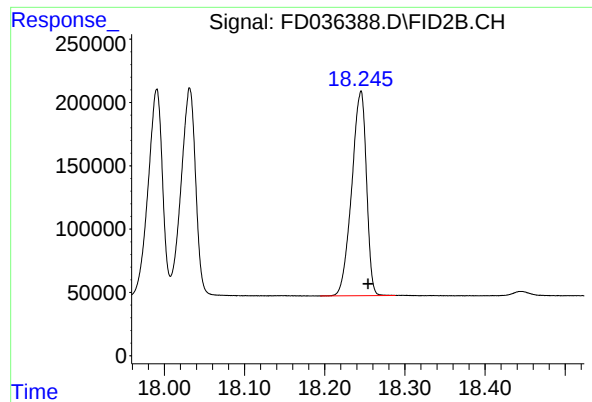
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: -0.011 min
Response: 2030492
Conc: 18.35 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 2062699
Conc: 18.64 ug/ml



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

R.T.: 18.245 min
Delta R.T.: -0.009 min
Response: 2056772
Conc: 18.60 ug/ml

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