

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042221AR\
 Data File : FD037083.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 17:31
 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: Apr 23 02:15:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.577	2331914	19.722 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.437	1529389	19.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.64%
11) S ortho-Terphenyl (SURR)	11.477	2423799	19.623 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2595327	19.517 ug/ml
2) T Naphthalene (C11.7)	5.913	2689980	19.568 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	2634259	19.644 ug/ml
5) T Acenaphthylene (C15.06)	8.240	2477982	19.811 ug/ml
7) T Acenaphthene (C15.5)	8.536	2545960	19.702 ug/ml
8) T Flouorene (C16.55)	9.316	2424354	19.792 ug/ml
9) T Phenanthrene (C19.36)	10.710	2345345	19.896 ug/ml
10) T Anthracene (C19.43)	10.784	2272378	19.728 ug/ml
12) T Fluoranthene (C21.85)	12.520	2288879	19.626 ug/ml
13) T Pyrene (C20.8)	12.816	2255301	19.590 ug/ml
14) T Benzo[a]anthracene (C...	14.686	2123857	19.297 ug/ml
15) T Chrysene (C27.41)	14.729	2196524	19.404 ug/ml
16) T benzo[b]fluoranthene ...	16.235	2159530	19.253 ug/ml
17) T Bnezo[k]fluoranthene ...	16.267	2097949	19.479 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	2000768	19.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2074471	19.502 ug/ml
20) T Dibenz[a,h]anthracene...	18.016	2093858	20.040 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2117079	19.821 ug/ml

(f)=RT Delta > 1/2 Window

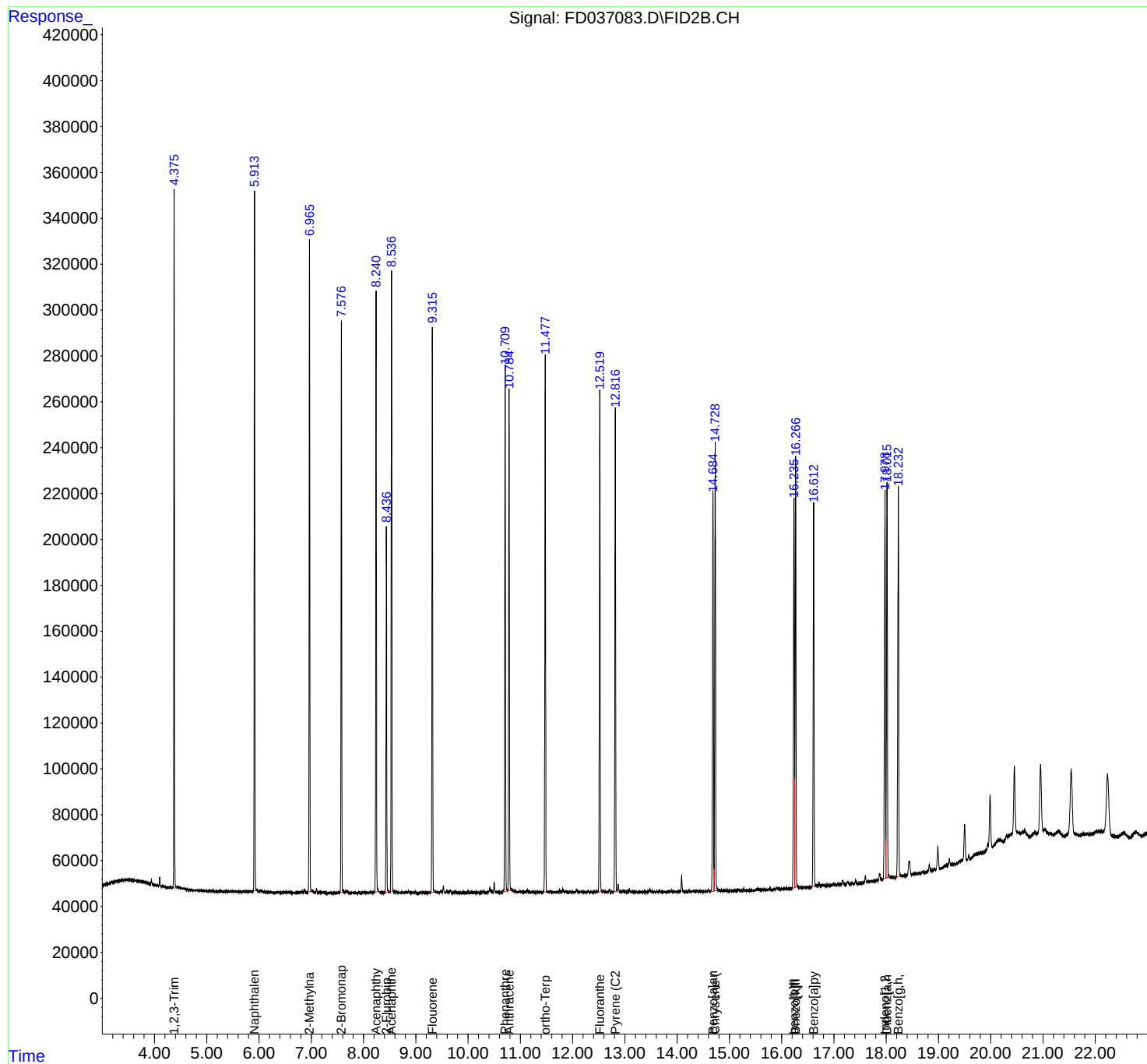
(m)=manual int.

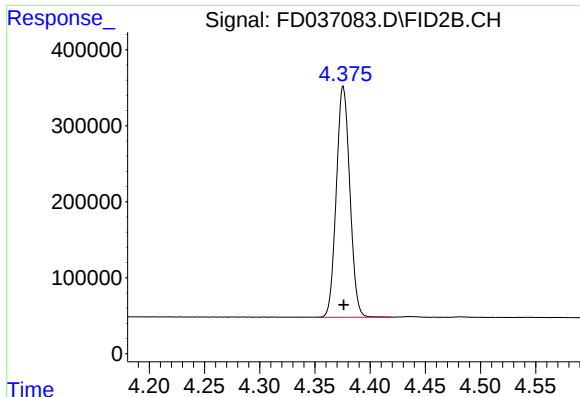
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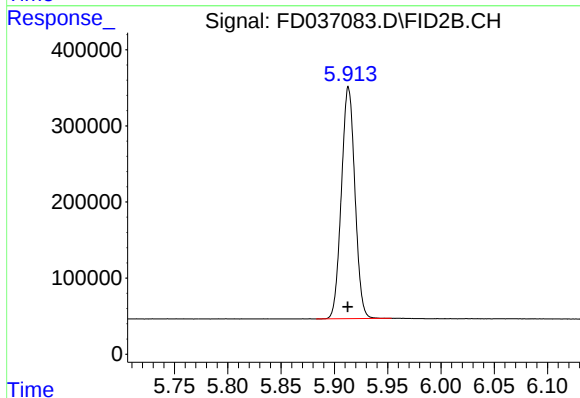




#1 1,2,3-Trimethylbenzene (C10.1)

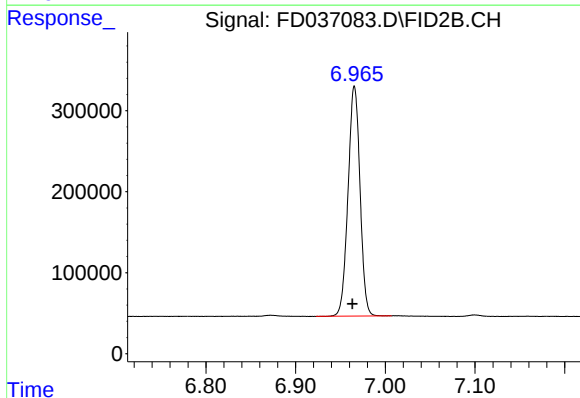
R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2595327
Conc: 19.52 ug/ml

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20 PPM AROMATIC HC STD



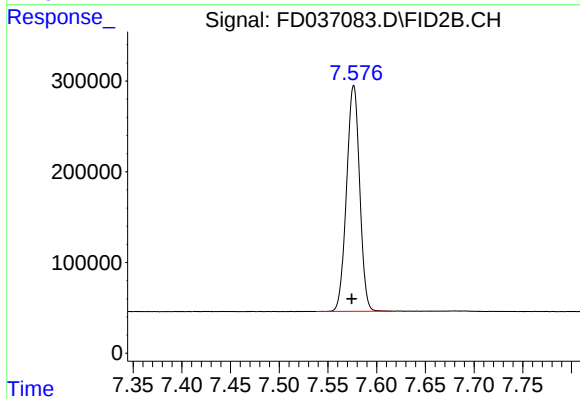
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 2689980
Conc: 19.57 ug/ml



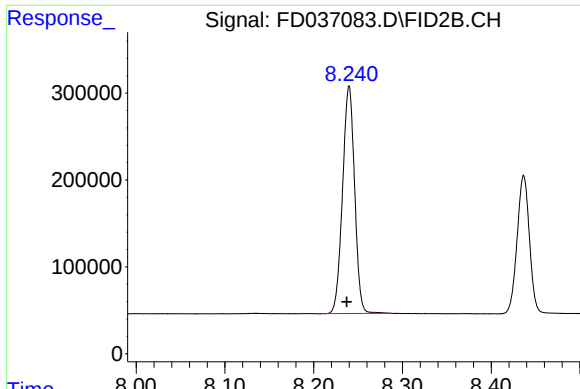
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 2634259
Conc: 19.64 ug/ml



#4 2-Bromonaphthalene (SURR)

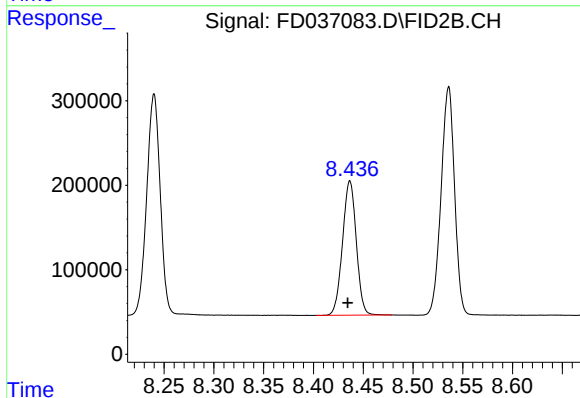
R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 2331914
Conc: 19.72 ug/ml



#5 Acenaphthylene (C15.06)

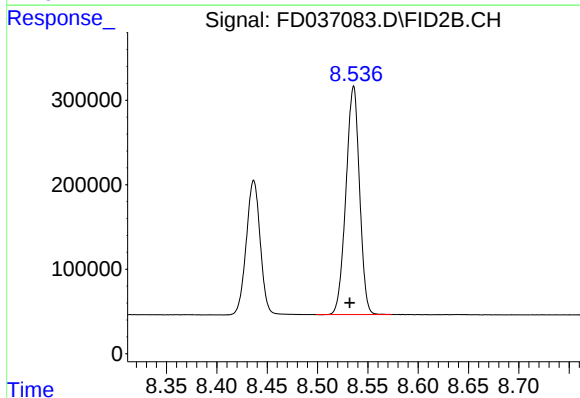
R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 2477982
Conc: 19.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



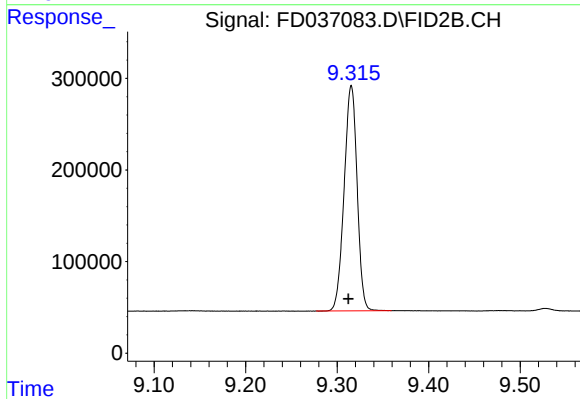
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: 0.002 min
Response: 1529389
Conc: 19.82 ug/ml



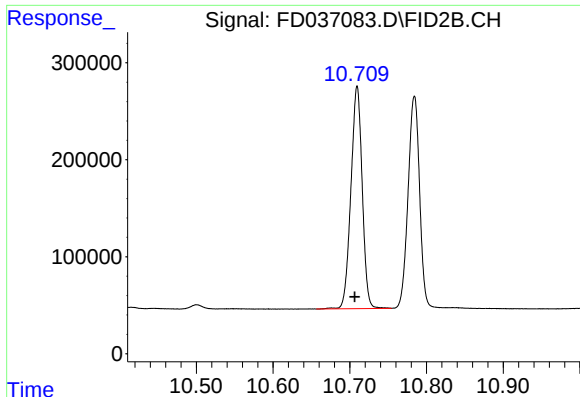
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: 0.004 min
Response: 2545960
Conc: 19.70 ug/ml



#8 Fluorene (C16.55)

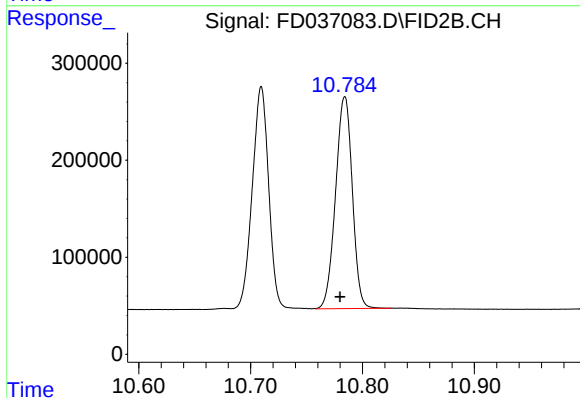
R.T.: 9.316 min
Delta R.T.: 0.003 min
Response: 2424354
Conc: 19.79 ug/ml



#9 Phenanthrene (C19.36)

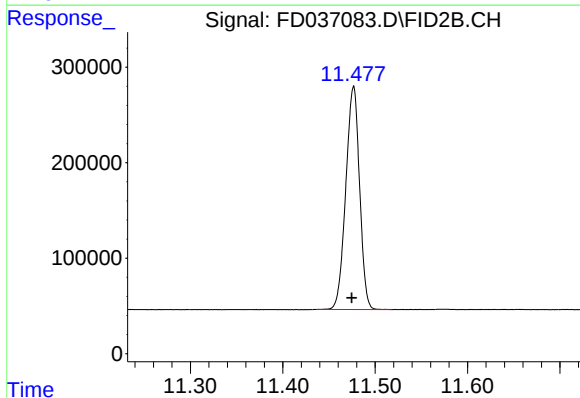
R.T.: 10.710 min
Delta R.T.: 0.003 min
Response: 2345345
Conc: 19.90 ug/ml

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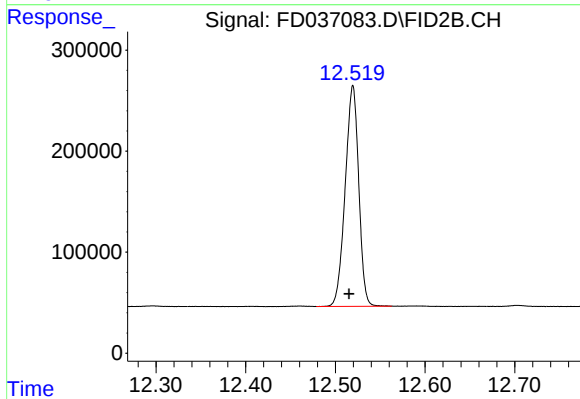
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.004 min
Response: 2272378
Conc: 19.73 ug/ml



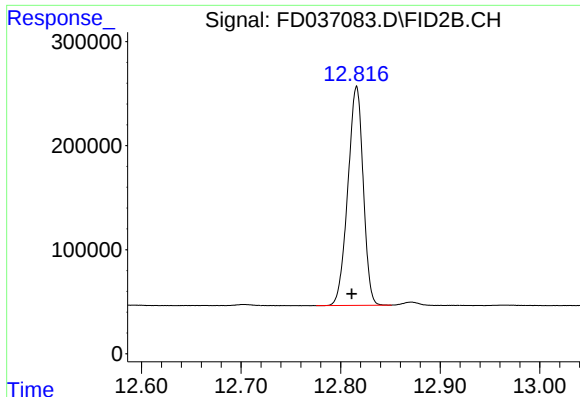
#11 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: 0.002 min
Response: 2423799
Conc: 19.62 ug/ml



#12 Fluoranthene (C21.85)

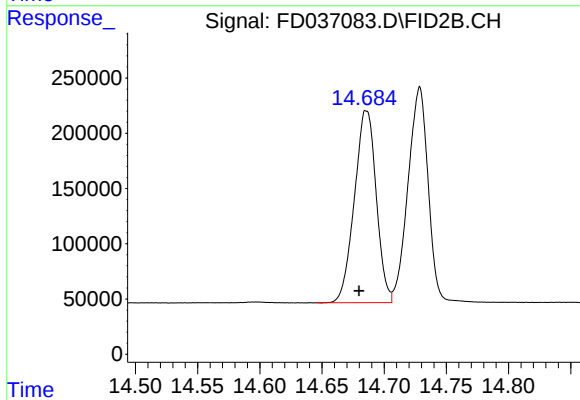
R.T.: 12.520 min
Delta R.T.: 0.004 min
Response: 2288879
Conc: 19.63 ug/ml



#13 Pyrene (C20.8)

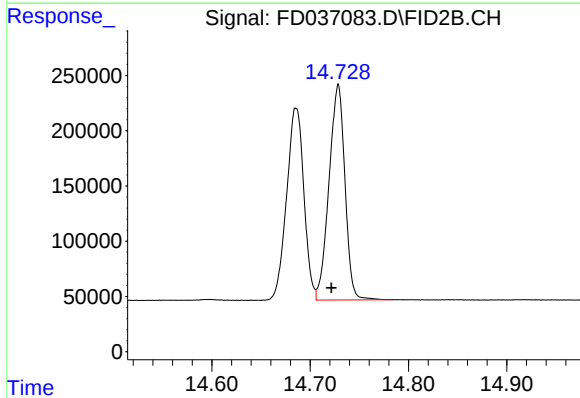
R.T.: 12.816 min
Delta R.T.: 0.005 min
Response: 2255301
Conc: 19.59 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



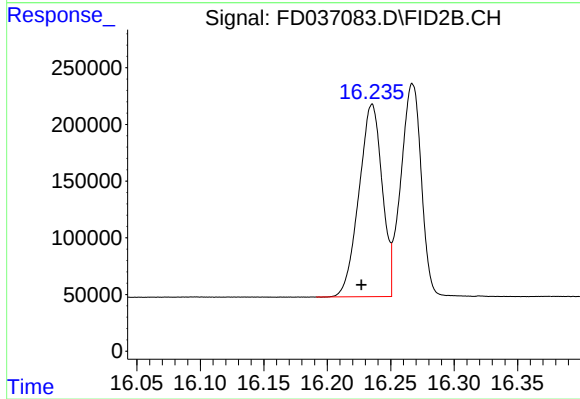
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.006 min
Response: 2123857
Conc: 19.30 ug/ml



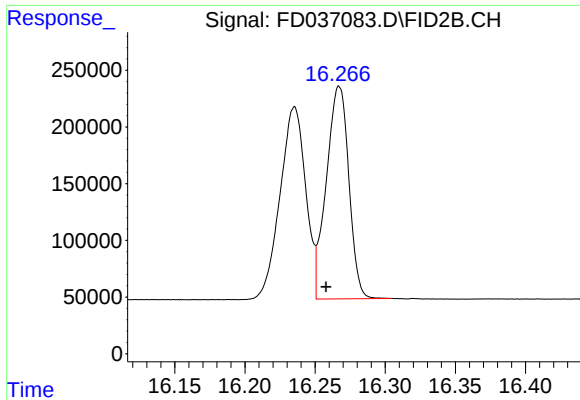
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.007 min
Response: 2196524
Conc: 19.40 ug/ml



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

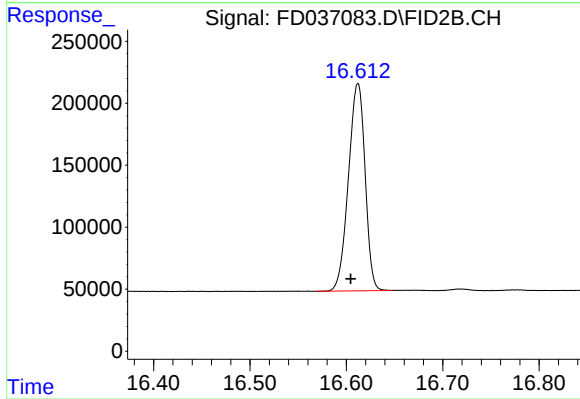
R.T.: 16.235 min
Delta R.T.: 0.008 min
Response: 2159530
Conc: 19.25 ug/ml



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

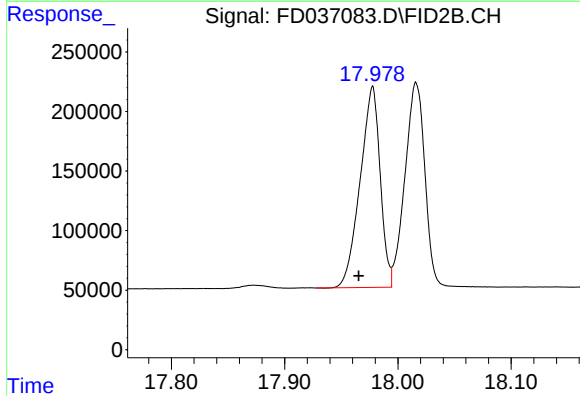
R.T.: 16.267 min
Delta R.T.: 0.009 min
Response: 2097949
Conc: 19.48 ug/ml

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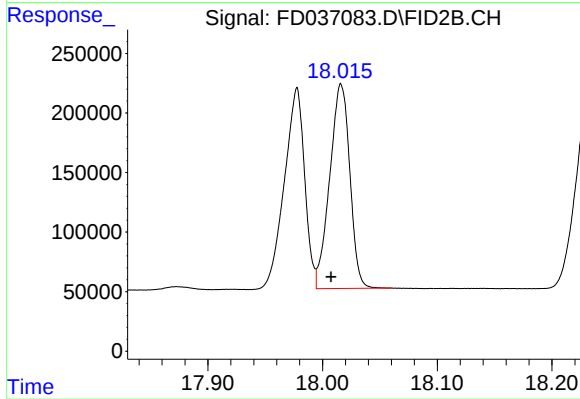
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: 0.008 min
Response: 2000768
Conc: 19.33 ug/ml



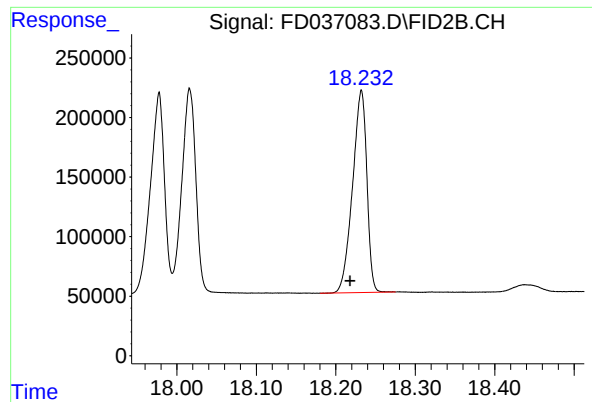
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: 0.012 min
Response: 2074471
Conc: 19.50 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.009 min
Response: 2093858
Conc: 20.04 ug/ml



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

R.T.: 18.232 min
Delta R.T.: 0.014 min
Response: 2117079
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :
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