

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102820AR\
 Data File : FD035185.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2020 15:13
 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

Manual Integrations
 APPROVED

Ankita
 10/29/2020 12:01:15 PM

Integration File: autoint1.e
 Quant Time: Oct 29 02:24:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 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...	7.644	2481288	21.526 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
6) S 2-Fluorobiphenyl (SURR)	8.509	1693595	21.304 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.61%
11) S ortho-Terphenyl (SURR)	11.547	2821092	21.402 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	2797701	21.512 ug/ml
2) T Naphthalene (C11.7)	5.982	2905290	21.363 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	2895603	21.247 ug/ml
5) T Acenaphthylene (C15.06)	8.310	2773269	20.853 ug/ml
7) T Acenaphthene (C15.5)	8.605	2897952	21.422 ug/ml
8) T Flouorene (C16.55)	9.387	2764769	21.311 ug/ml
9) T Phenanthrene (C19.36)	10.783	2717517	21.441 ug/ml
10) T Anthracene (C19.43)	10.859	2648692	20.724 ug/ml
12) T Fluoranthene (C21.85)	12.596	2692772	21.616 ug/ml
13) T Pyrene (C20.8)	12.893	2704182	22.126 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2315881	21.847 ug/ml
15) T Chrysene (C27.41)	14.806	2546151	21.759 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2287032	22.283 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.346	2201465	20.992 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.693	2023048	21.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.058	1988327	22.419 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	2253629	22.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	2116090	22.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

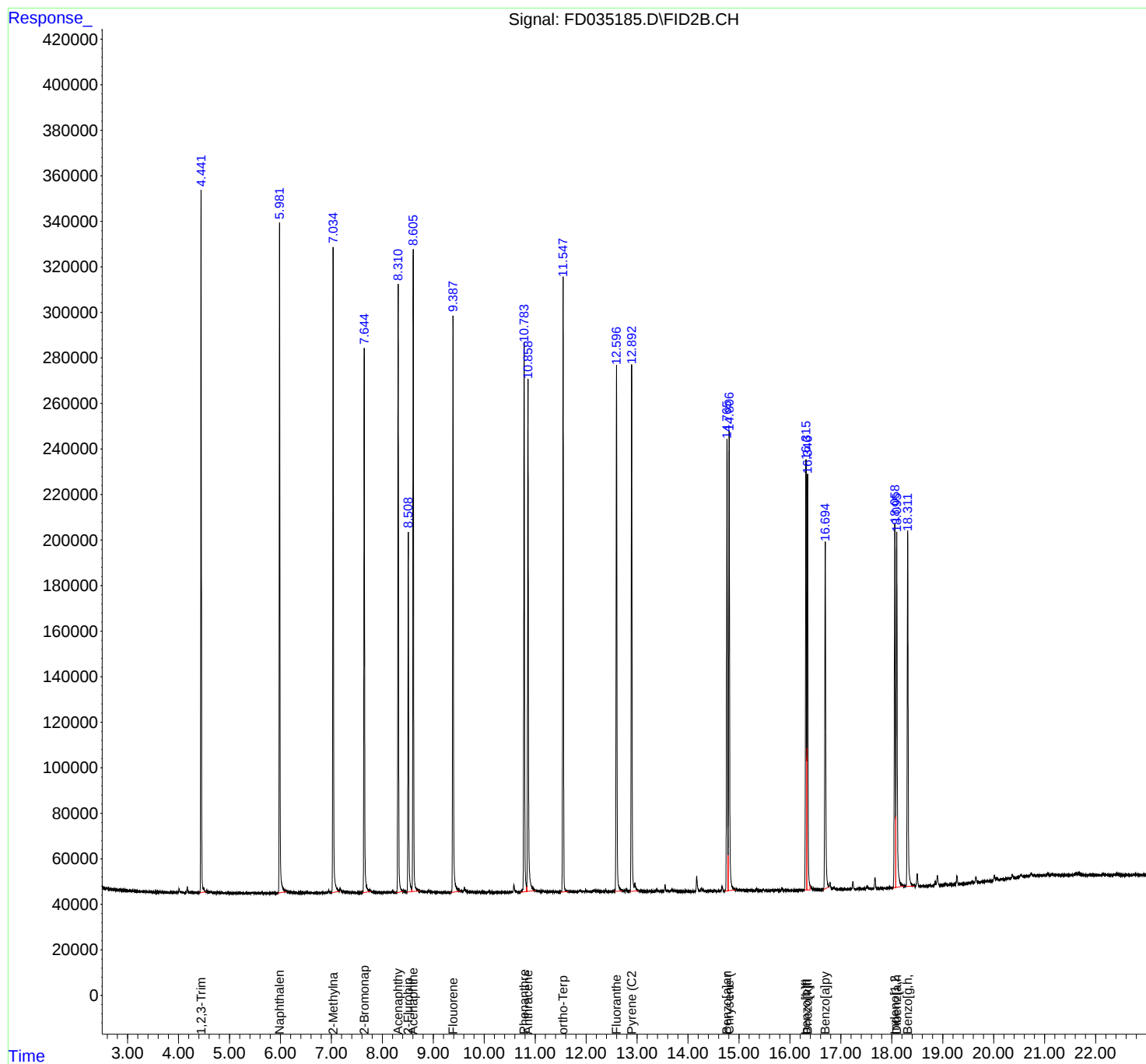
Instrument :
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20 PPM AROMATIC HC STD

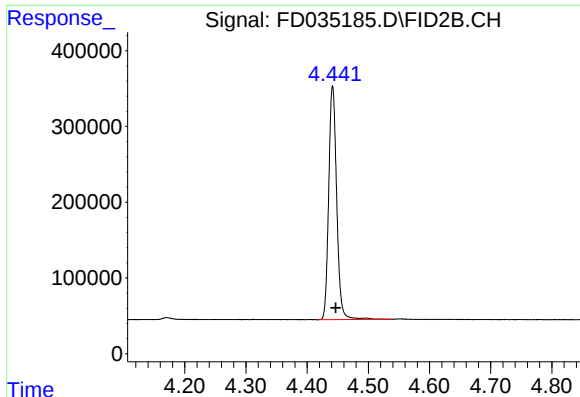
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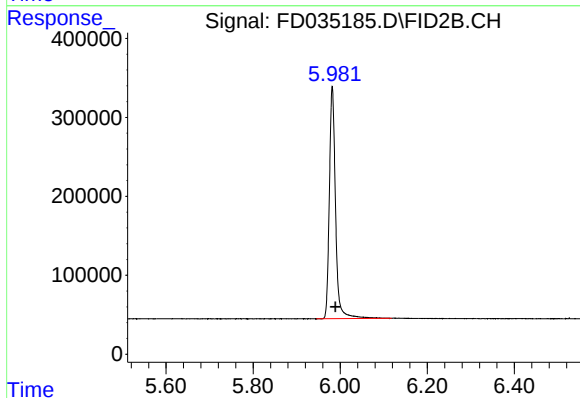
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 2797701
Conc: 21.51 ug/ml

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20 PPM AROMATIC HC STD

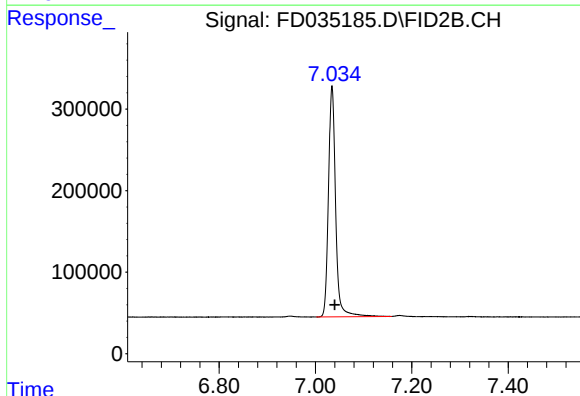
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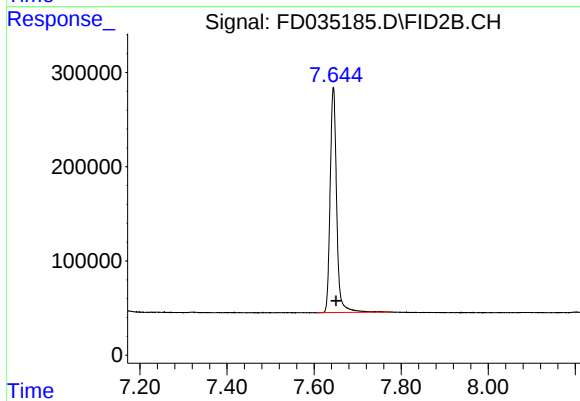
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.007 min
Response: 2905290
Conc: 21.36 ug/ml



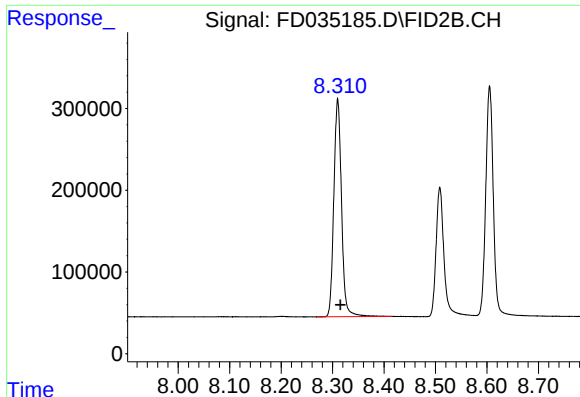
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 2895603
Conc: 21.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.644 min
Delta R.T.: -0.006 min
Response: 2481288
Conc: 21.53 ug/ml



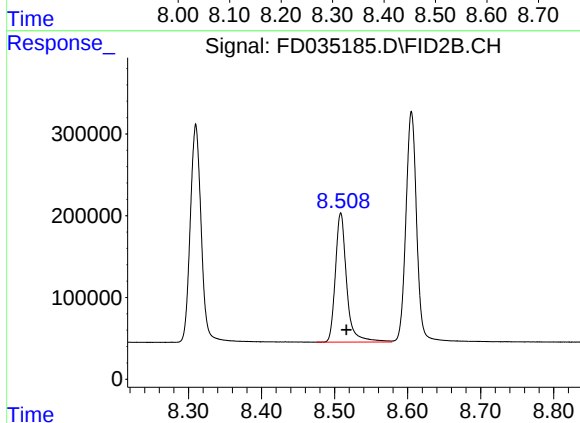
#5 Acenaphthylene (C15.06)

R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 2773269
Conc: 20.85 ug/ml

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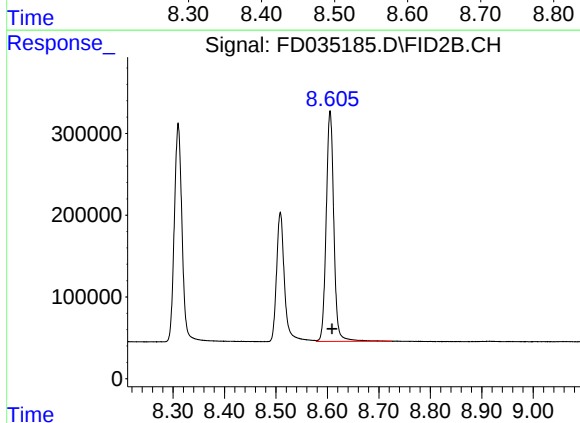
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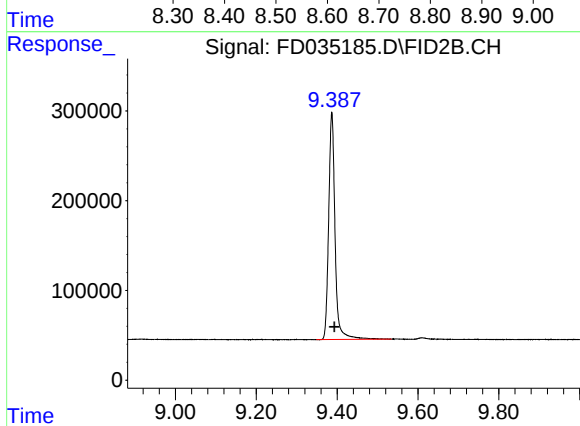
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 1693595
Conc: 21.30 ug/ml



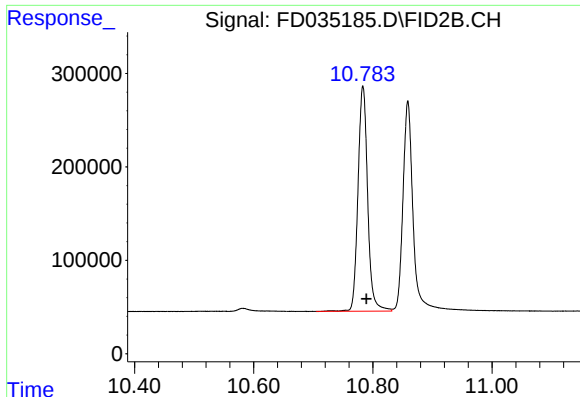
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 2897952
Conc: 21.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.387 min
Delta R.T.: -0.007 min
Response: 2764769
Conc: 21.31 ug/ml



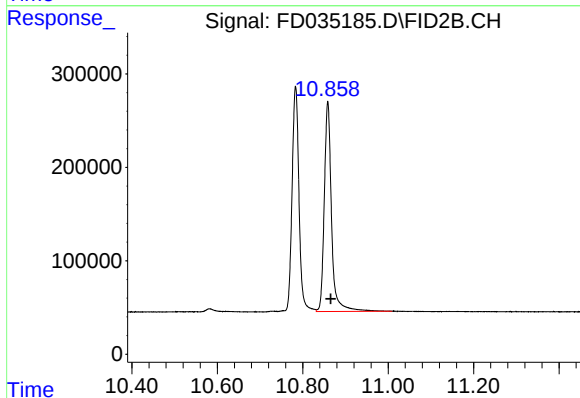
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: -0.006 min
Response: 2717517
Conc: 21.44 ug/ml

Instrument :
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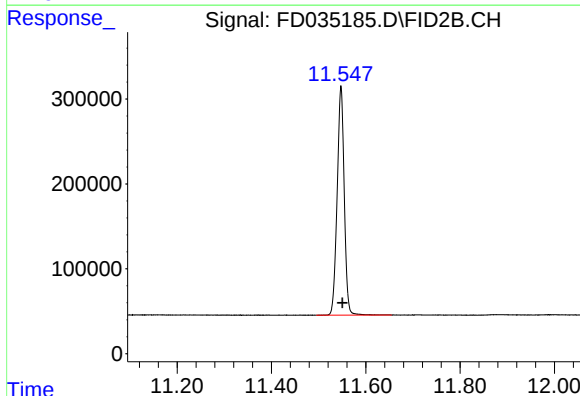
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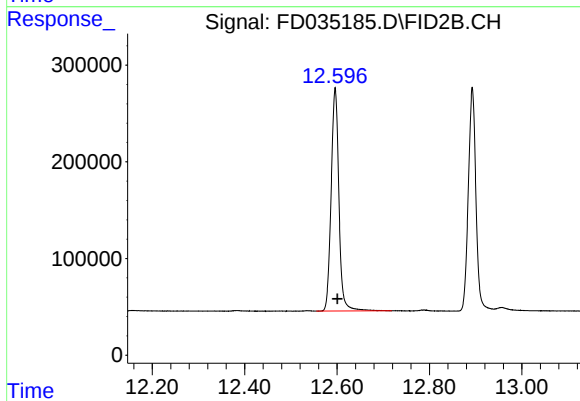
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 2648692
Conc: 20.72 ug/ml



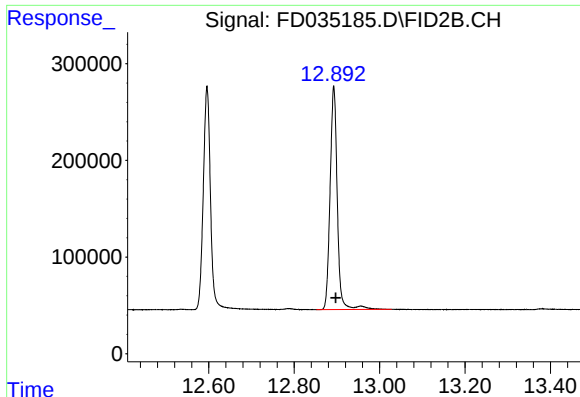
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.003 min
Response: 2821092
Conc: 21.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: -0.005 min
Response: 2692772
Conc: 21.62 ug/ml



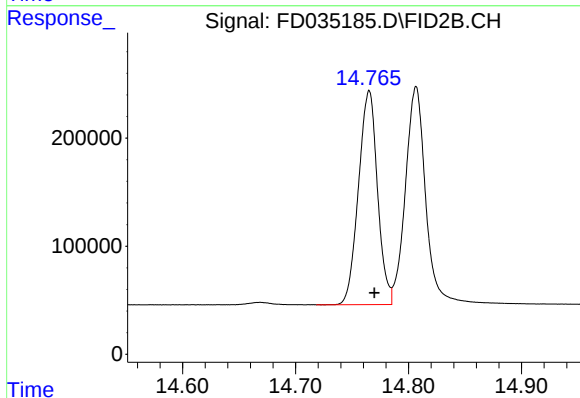
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.005 min
Response: 2704182
Conc: 22.13 ug/ml

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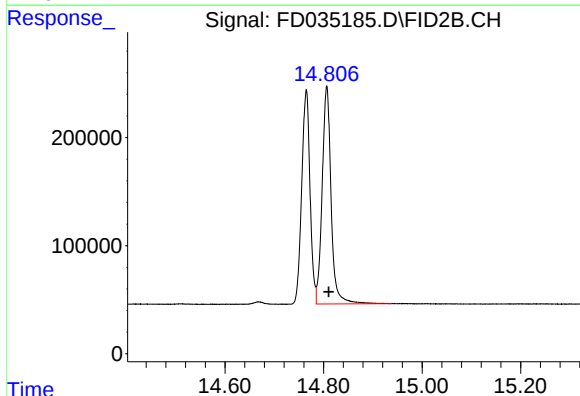
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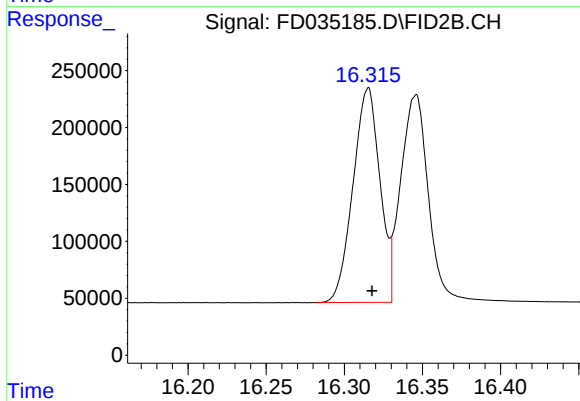
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 2315881
Conc: 21.85 ug/ml



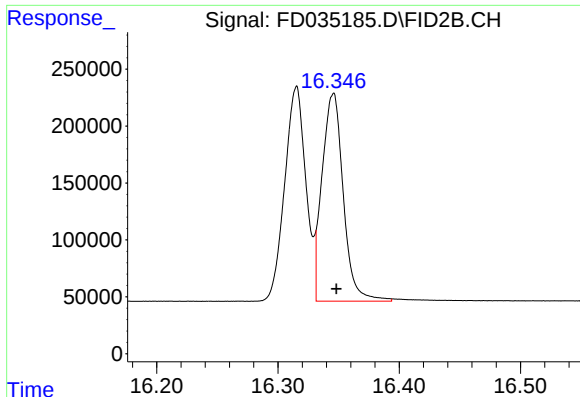
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.004 min
Response: 2546151
Conc: 21.76 ug/ml



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

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 2287032
Conc: 22.28 ug/ml m



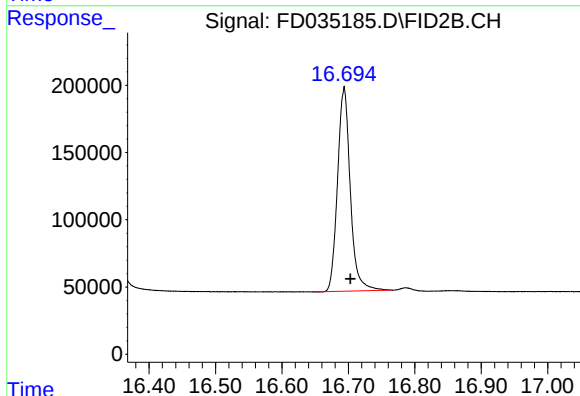
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min
Delta R.T.: -0.002 min
Response: 2201465
Conc: 20.99 ug/ml m

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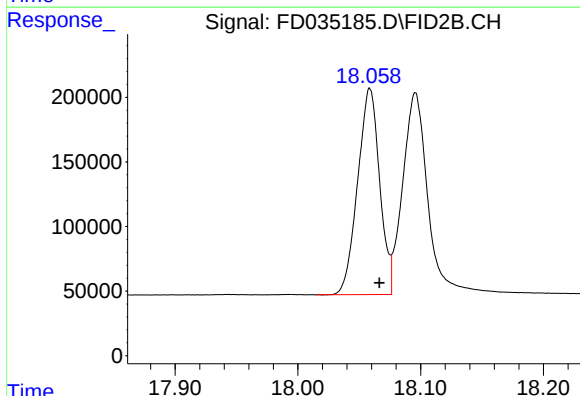
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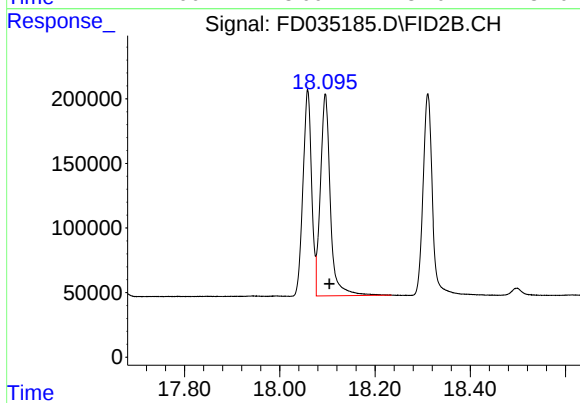
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min
Delta R.T.: -0.010 min
Response: 2023048
Conc: 21.36 ug/ml



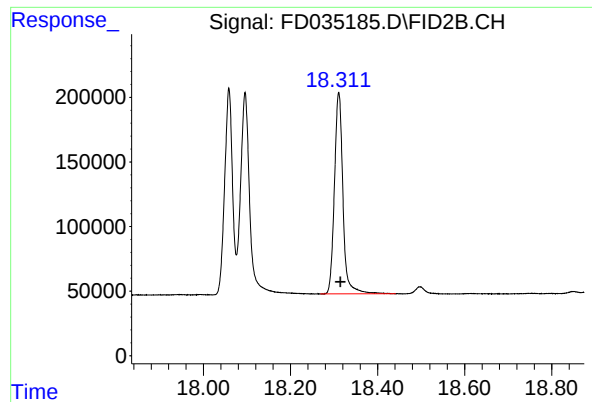
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: -0.008 min
Response: 1988327
Conc: 22.42 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.009 min
Response: 2253629
Conc: 22.23 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.004 min
Response: 2116090
Conc: 22.15 ug/ml

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