

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035264.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 9:23
 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: Nov 03 10:52:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.640	2366741	20.406 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
6) S 2-Fluorobiphenyl (SURR)	8.504	1650455	20.511 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.541	2802946	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2631918	20.405 ug/ml
2) T Naphthalene (C11.7)	5.978	2760917	20.390 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	2777450	20.376 ug/ml
5) T Acenaphthylene (C15.06)	8.305	2721753	20.189 ug/ml
7) T Acenaphthene (C15.5)	8.600	2831096	20.393 ug/ml
8) T Fluorene (C16.55)	9.382	2731371	20.599 ug/ml
9) T Phenanthrene (C19.36)	10.777	2706864	20.477 ug/ml
10) T Anthracene (C19.43)	10.853	2755506	20.381 ug/ml
12) T Fluoranthene (C21.85)	12.589	2741385	20.406 ug/ml
13) T Pyrene (C20.8)	12.886	2646288	19.898 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2444751	20.544 ug/ml
15) T Chrysene (C27.41)	14.801	2699586	20.383 ug/ml
16) T benzo[b]fluoranthene ...	16.311	2411767	20.408 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	2482823	20.400 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.689	2241493	20.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	2074906	20.302 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	2360649	20.639 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	2193863	20.491 ug/ml

(f)=RT Delta > 1/2 Window

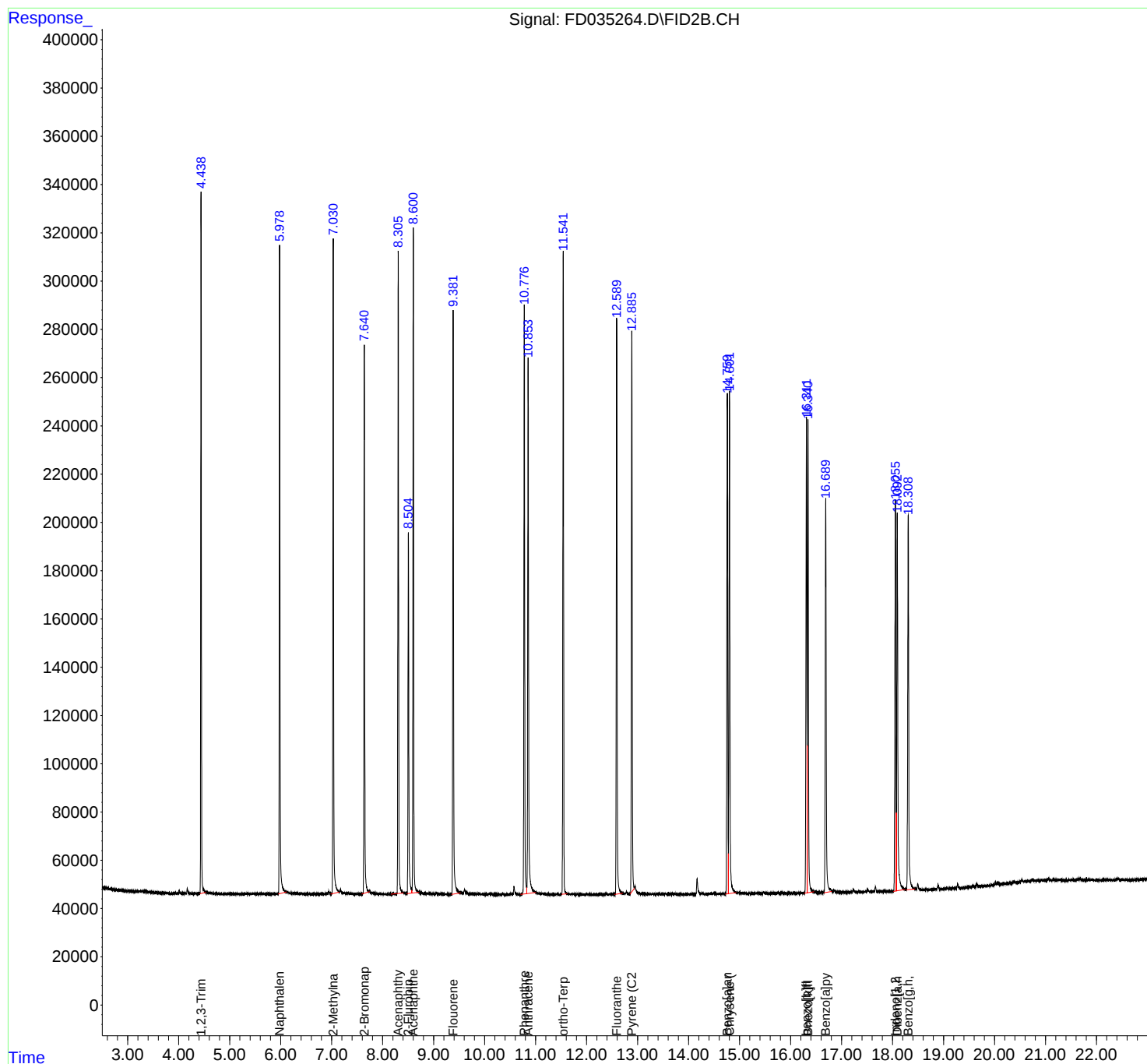
(m)=manual int.

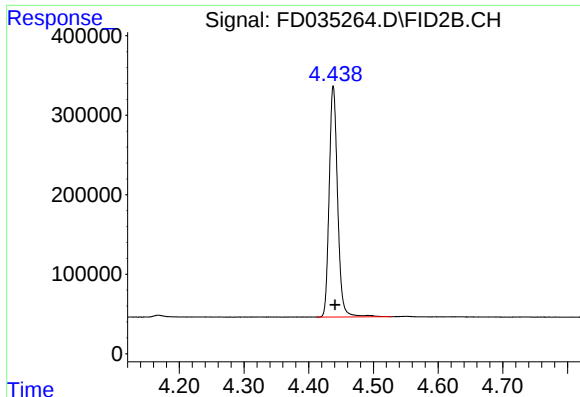
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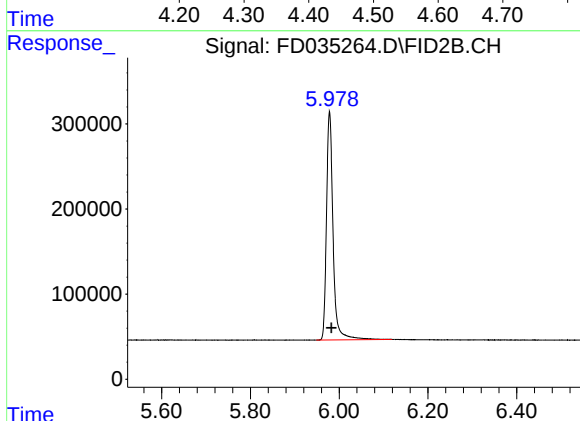




#1 1,2,3-Trimethylbenzene (C10.1)

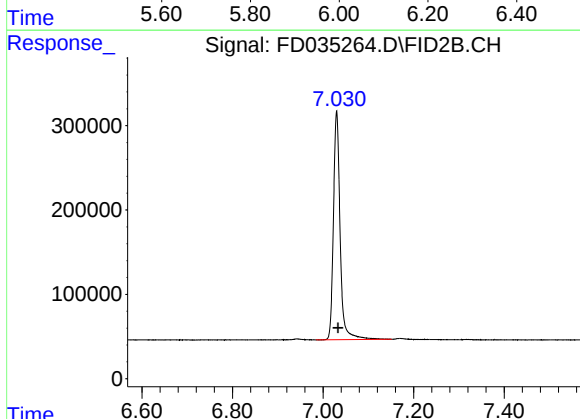
R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2631918
Conc: 20.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



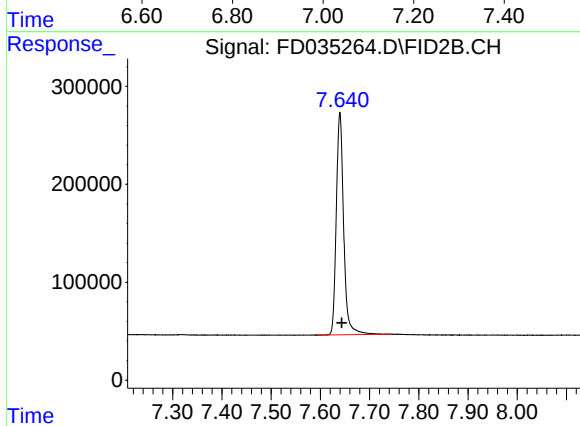
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 2760917
Conc: 20.39 ug/ml



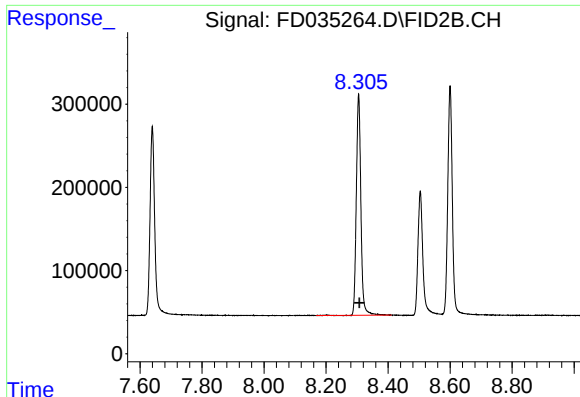
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.003 min
Response: 2777450
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

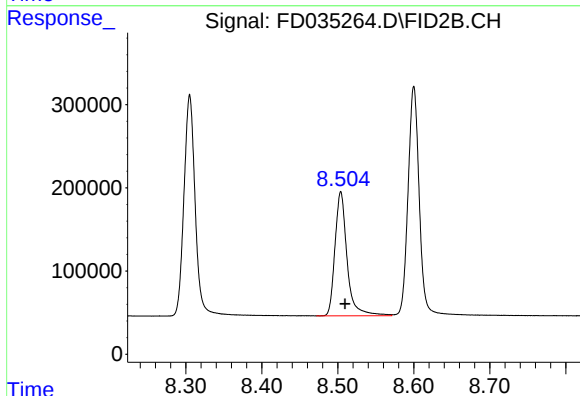
R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 2366741
Conc: 20.41 ug/ml



#5 Acenaphthylene (C15.06)

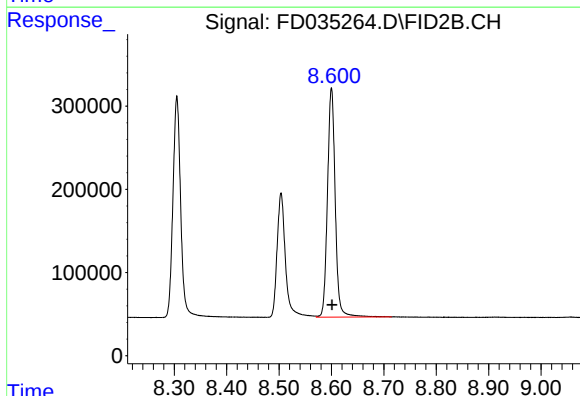
R.T.: 8.305 min
Delta R.T.: -0.002 min
Response: 2721753
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



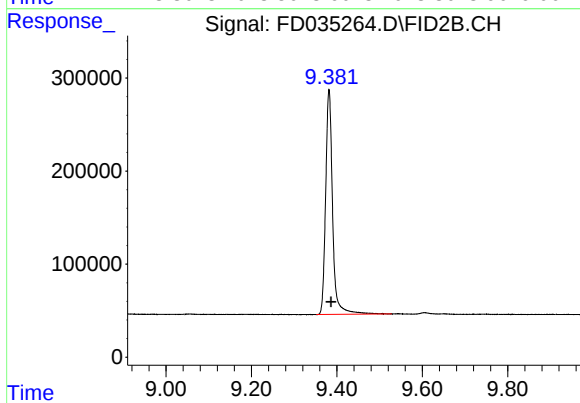
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.005 min
Response: 1650455
Conc: 20.51 ug/ml



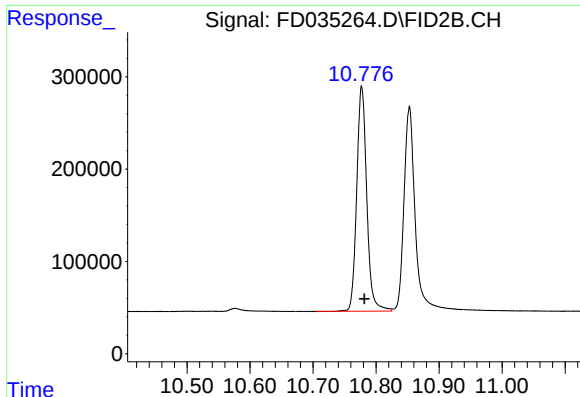
#7 Acenaphthene (C15.5)

R.T.: 8.600 min
Delta R.T.: -0.001 min
Response: 2831096
Conc: 20.39 ug/ml



#8 Flouorene (C16.55)

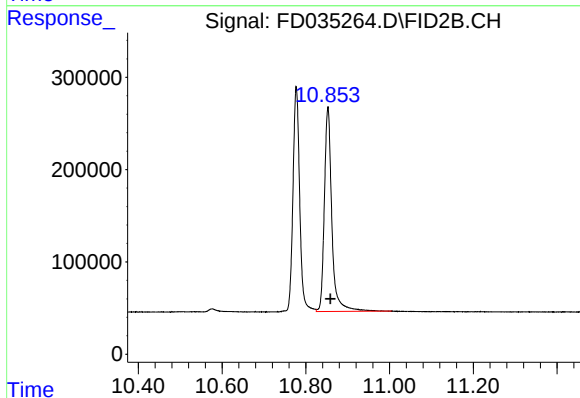
R.T.: 9.382 min
Delta R.T.: -0.005 min
Response: 2731371
Conc: 20.60 ug/ml



#9 Phenanthrene (C19.36)

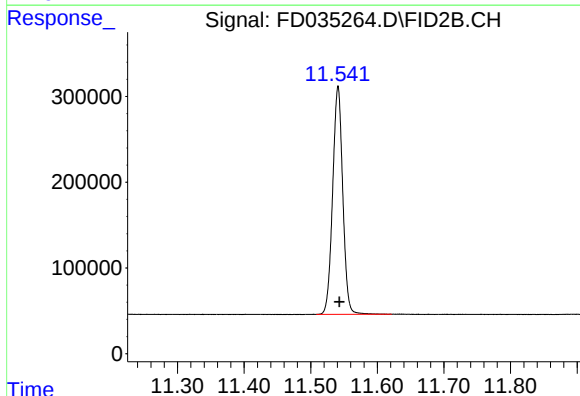
R.T.: 10.777 min
Delta R.T.: -0.004 min
Response: 2706864
Conc: 20.48 ug/ml

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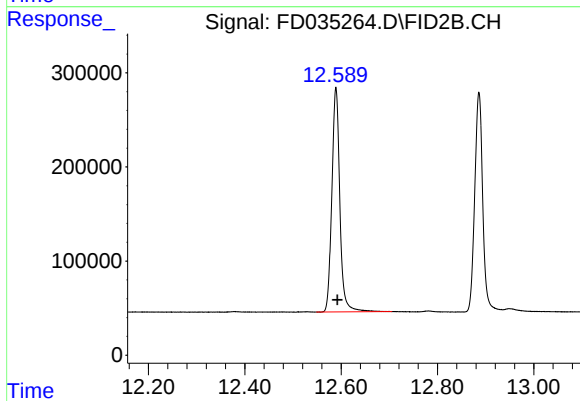
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.006 min
Response: 2755506
Conc: 20.38 ug/ml



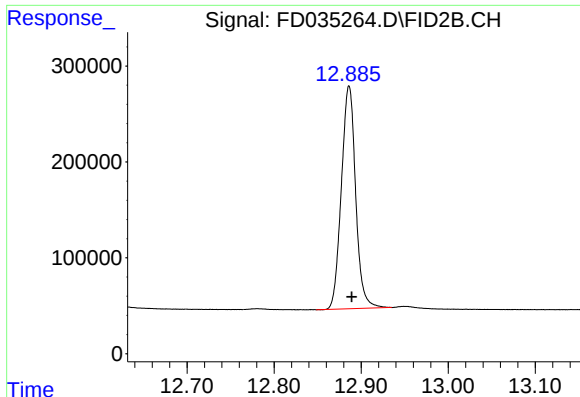
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 2802946
Conc: 20.17 ug/ml



#12 Fluoranthene (C21.85)

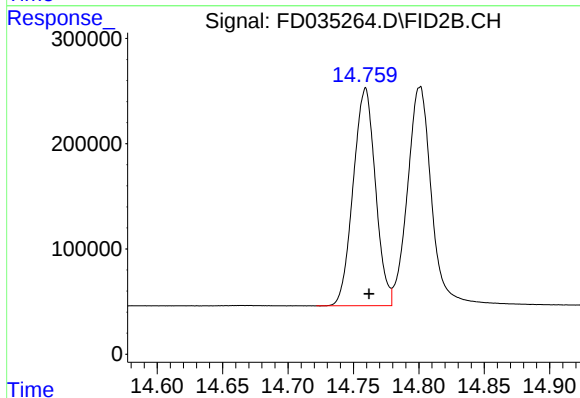
R.T.: 12.589 min
Delta R.T.: -0.004 min
Response: 2741385
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

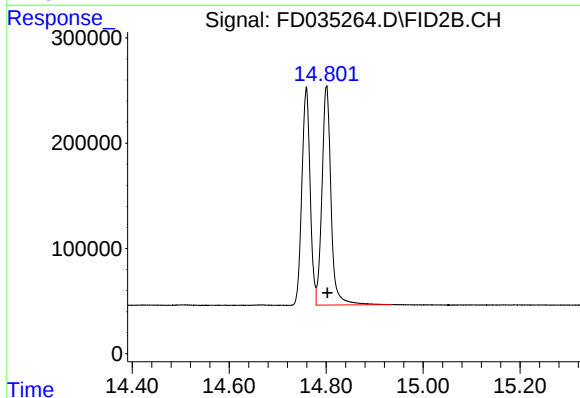
R.T.: 12.886 min
Delta R.T.: -0.003 min
Response: 2646288
Conc: 19.90 ug/ml

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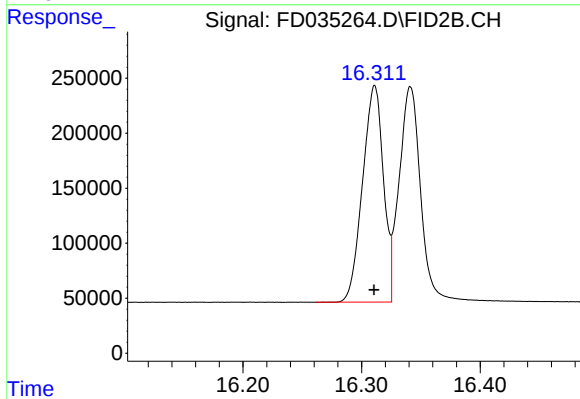
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.003 min
Response: 2444751
Conc: 20.54 ug/ml



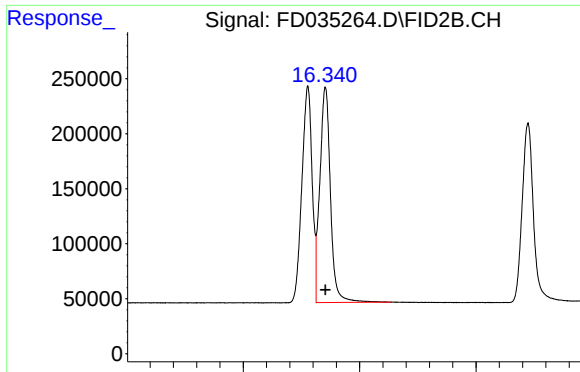
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 2699586
Conc: 20.38 ug/ml



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

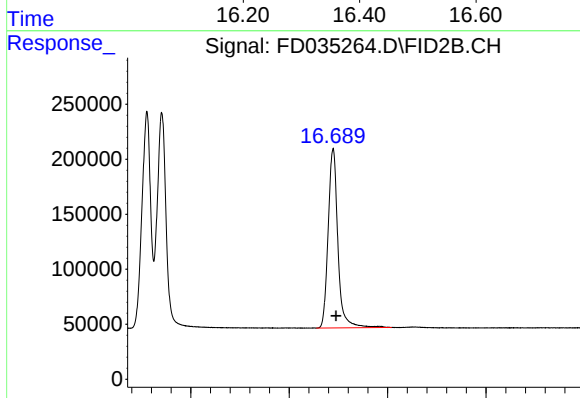
R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 2411767
Conc: 20.41 ug/ml



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

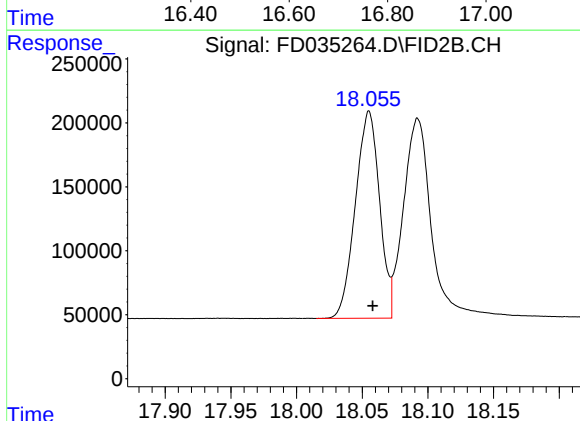
R.T.: 16.341 min
Delta R.T.: 0.000 min
Response: 2482823
Conc: 20.40 ug/ml

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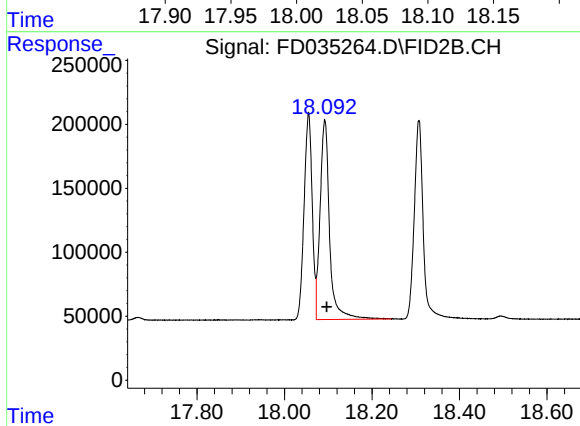
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min
Delta R.T.: -0.006 min
Response: 2241493
Conc: 20.49 ug/ml



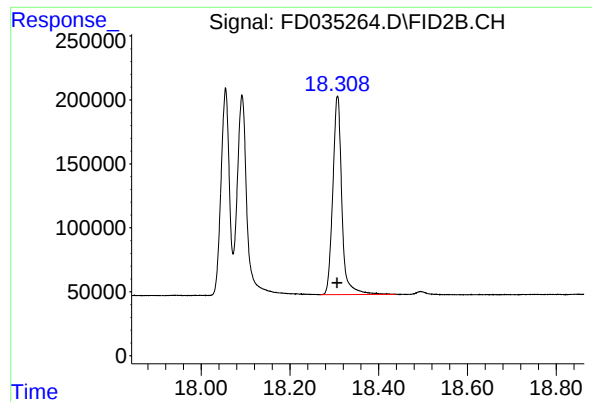
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.003 min
Response: 2074906
Conc: 20.30 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 2360649
Conc: 20.64 ug/ml



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

R.T.: 18.307 min
Delta R.T.: 0.000 min
Response: 2193863
Conc: 20.49 ug/ml

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