

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020420AR\
 Data File : FD032281.D
 Signal(s) : FID2B.CH
 Acq On : 05 Feb 2020 1:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 05 11:55:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.632	2774948	19.968 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
6) S 2-Fluorobiphenyl (SURR)	8.495	1903324	20.070 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.14%
11) S ortho-Terphenyl (SURR)	11.533	2927501	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.435	2901657	20.036 ug/ml
2) T Naphthalene (C11.7)	5.973	3046064	19.988 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	3021393	19.972 ug/ml
5) T Acenaphthylene (C15.06)	8.298	2939202	19.947 ug/ml
7) T Acenaphthene (C15.5)	8.594	3028643	20.056 ug/ml
8) T Flouorene (C16.55)	9.373	3000989	20.052 ug/ml
9) T Phenanthrene (C19.36)	10.769	2999556	19.833 ug/ml
10) T Anthracene (C19.43)	10.843	2939564	19.817 ug/ml
12) T Fluoranthene (C21.85)	12.579	2976263	19.765 ug/ml
13) T Pyrene (C20.8)	12.877	2950507	19.764 ug/ml
14) T Benzo[a]anthracene (C...	14.747	2803443	19.740 ug/ml
15) T Chrysene (C27.41)	14.790	2807532	19.640 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2728700	19.691 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2728384	19.769 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	2685145	19.708 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2544094	19.669 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	2585423	19.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.297	2492896	19.849 ug/ml

(f)=RT Delta > 1/2 Window

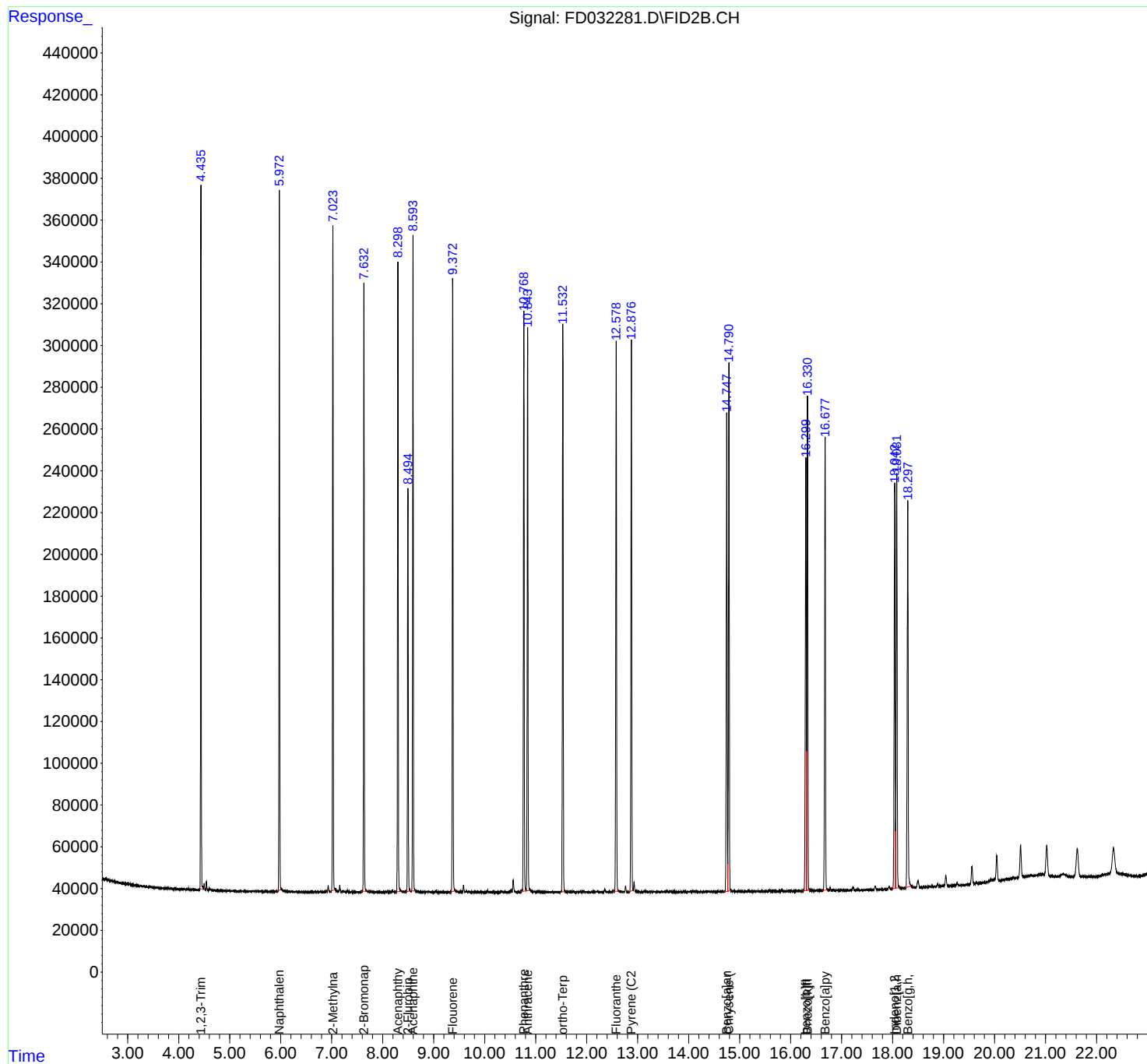
(m)=manual int.

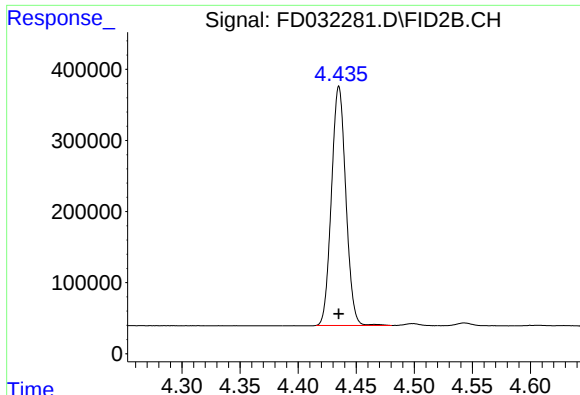
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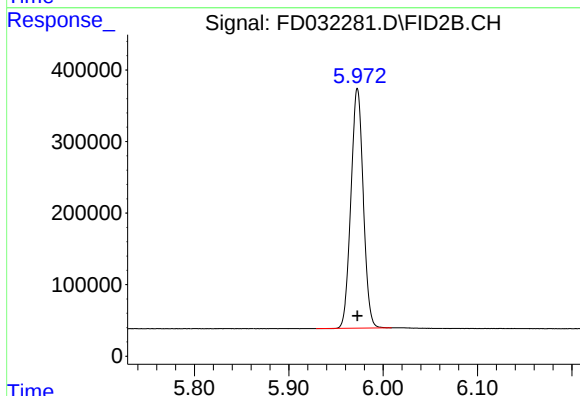




#1 1,2,3-Trimethylbenzene (C10.1)

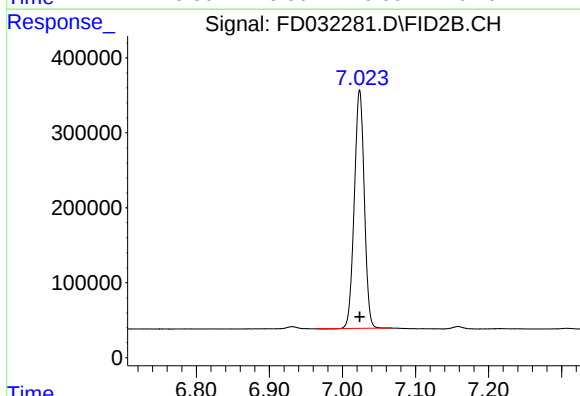
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 2901657
Conc: 20.04 ug/ml

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20 PPM AROMATIC HC STD



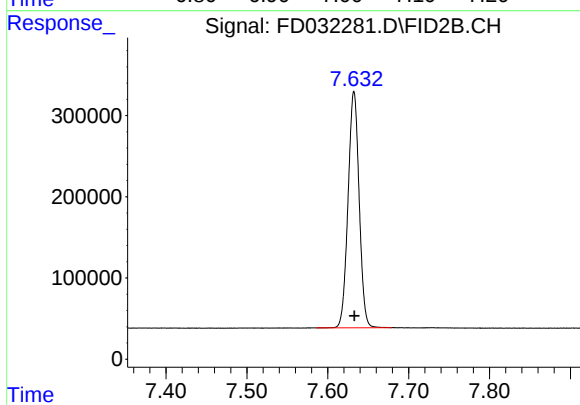
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 3046064
Conc: 19.99 ug/ml



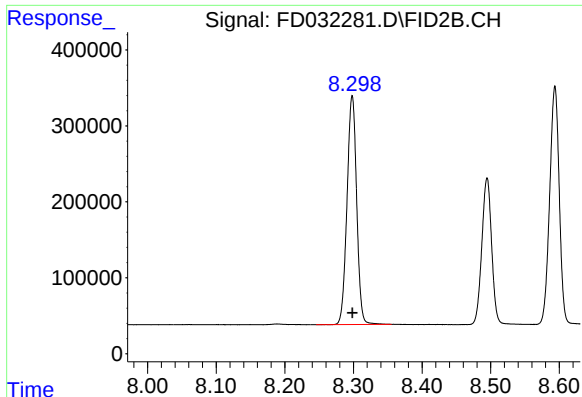
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 3021393
Conc: 19.97 ug/ml



#4 2-Bromonaphthalene (SURR)

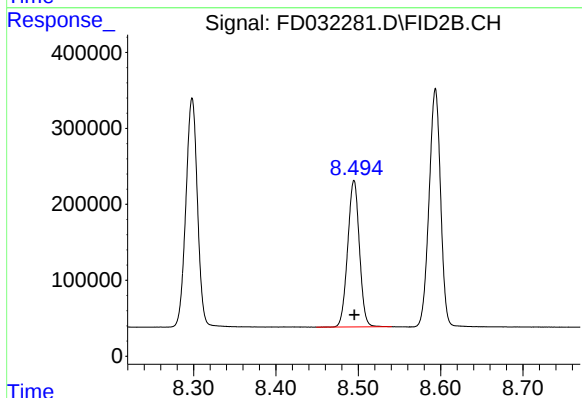
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 2774948
Conc: 19.97 ug/ml



#5 Acenaphthylene (C15.06)

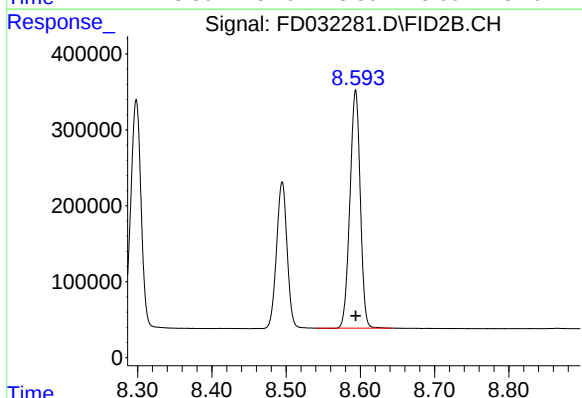
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 2939202
Conc: 19.95 ug/ml

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20 PPM AROMATIC HC STD



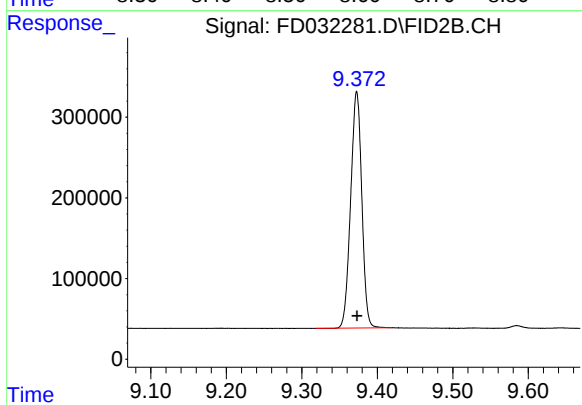
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1903324
Conc: 20.07 ug/ml



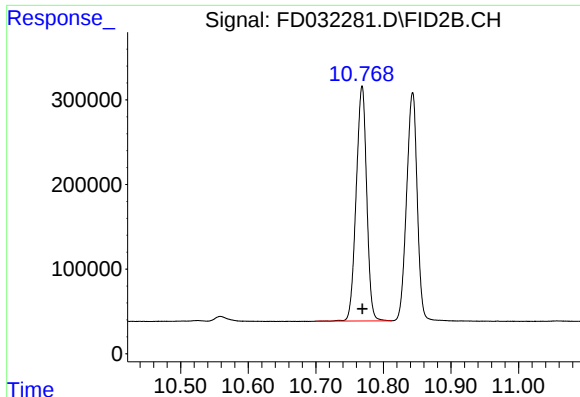
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 3028643
Conc: 20.06 ug/ml



#8 Fluorene (C16.55)

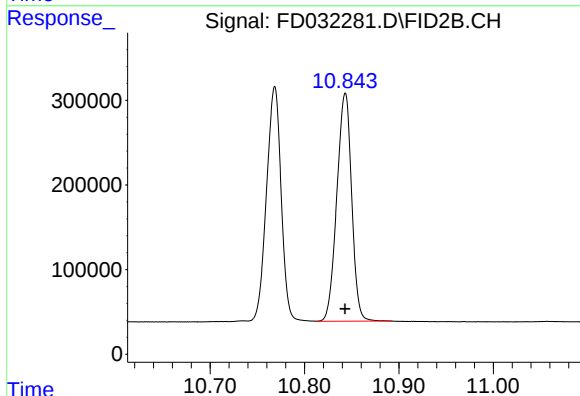
R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 3000989
Conc: 20.05 ug/ml



#9 Phenanthrene (C19.36)

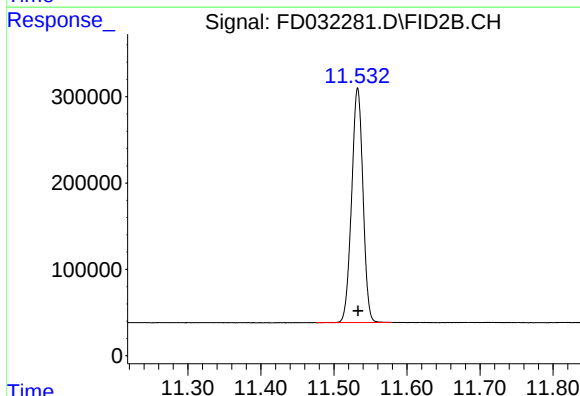
R.T.: 10.769 min
Delta R.T.: 0.000 min
Response: 2999556
Conc: 19.83 ug/ml

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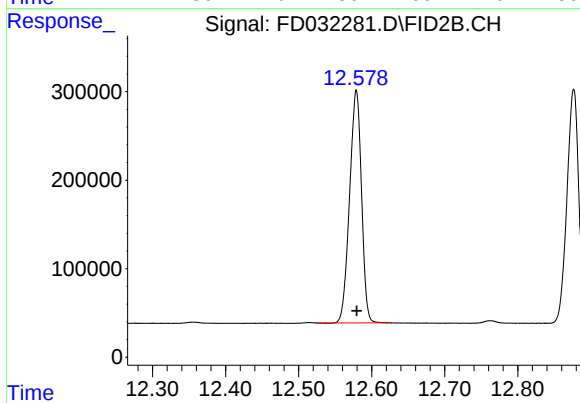
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.000 min
Response: 2939564
Conc: 19.82 ug/ml



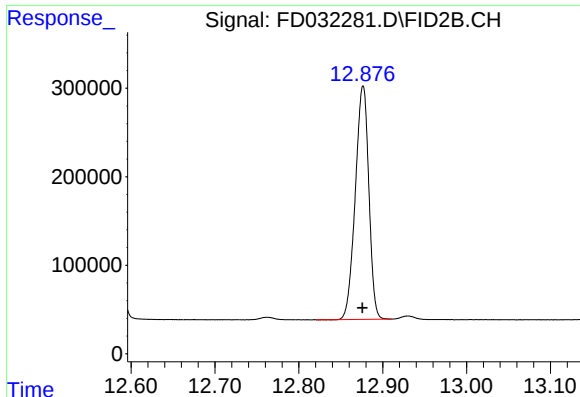
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 2927501
Conc: 19.74 ug/ml



#12 Fluoranthene (C21.85)

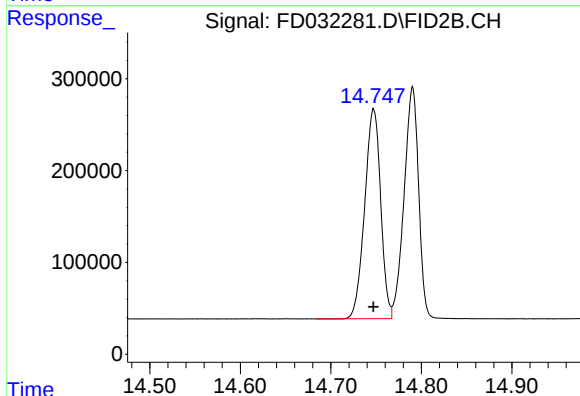
R.T.: 12.579 min
Delta R.T.: 0.000 min
Response: 2976263
Conc: 19.76 ug/ml



#13 Pyrene (C20.8)

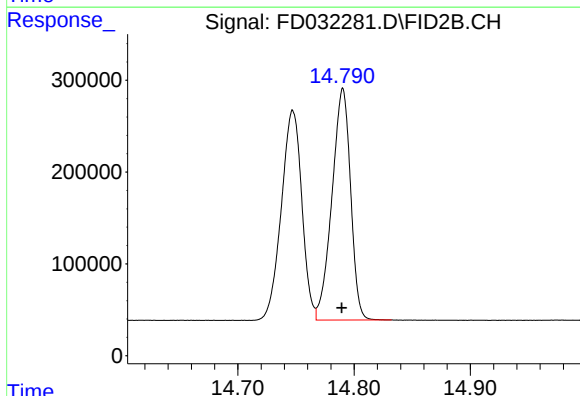
R.T.: 12.877 min
Delta R.T.: 0.000 min
Response: 2950507
Conc: 19.76 ug/ml

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20 PPM AROMATIC HC STD



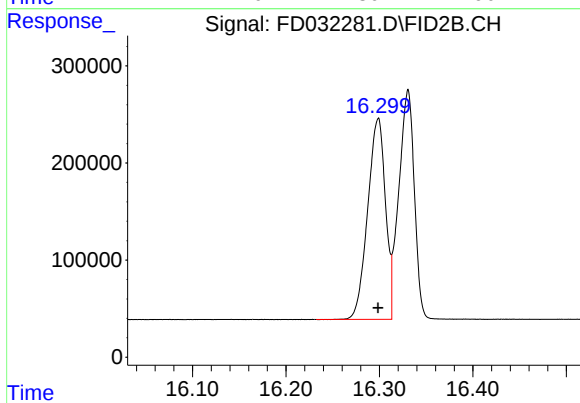
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.000 min
Response: 2803443
Conc: 19.74 ug/ml



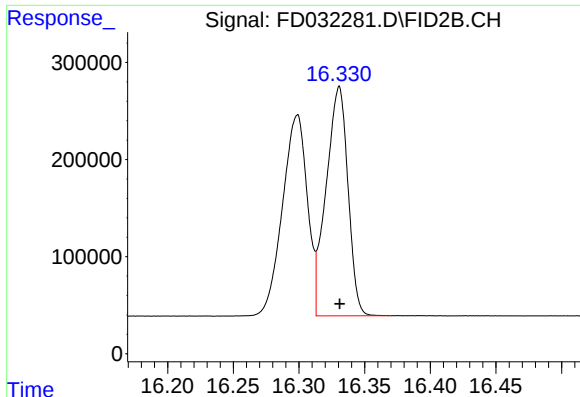
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 2807532
Conc: 19.64 ug/ml



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

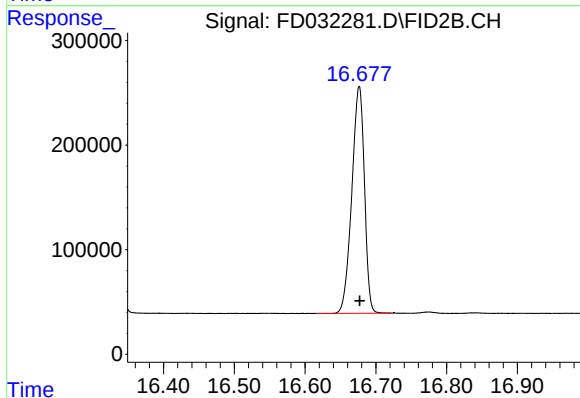
R.T.: 16.299 min
Delta R.T.: 0.000 min
Response: 2728700
Conc: 19.69 ug/ml



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

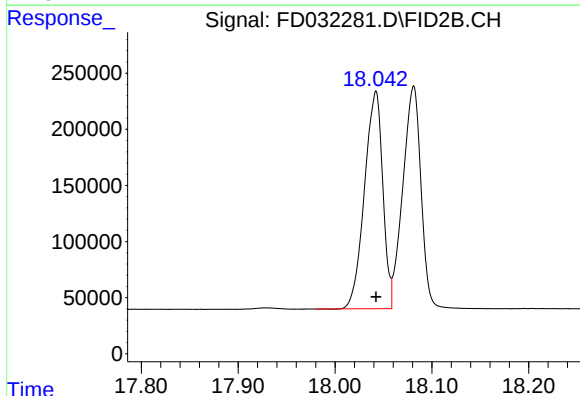
R.T.: 16.331 min
Delta R.T.: 0.000 min
Response: 2728384
Conc: 19.77 ug/ml

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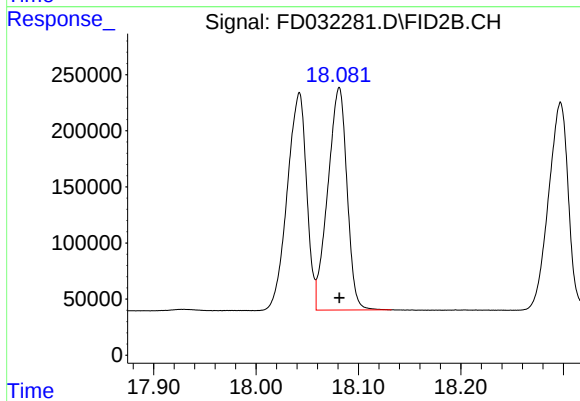
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: 0.000 min
Response: 2685145
Conc: 19.71 ug/ml



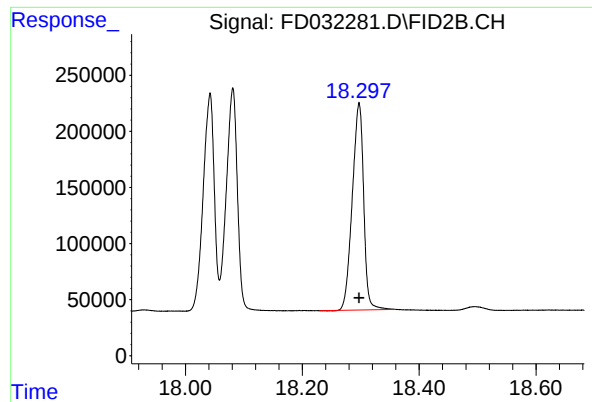
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.000 min
Response: 2544094
Conc: 19.67 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.000 min
Response: 2585423
Conc: 19.81 ug/ml



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

R.T.: 18.297 min
Delta R.T.: 0.000 min
Response: 2492896
Conc: 19.85 ug/ml

Instrument :
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