

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042988.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jun 2022 2:45
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 06/21/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File: autoint1.e
 Quant Time: Jun 21 03:17:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.655	2907770	19.029 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
6) S 2-Fluorobiphenyl (SURR)	8.522	1882418	18.303 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.61%
11) S ortho-Terphenyl (SURR)	11.567	3129855	17.631 ug/ml
Spiked Amount 50.000		Recovery =	35.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	3330544	19.892 ug/ml
2) T Naphthalene (C11.7)	5.989	3387652	19.594 ug/ml
3) T 2-Methylnaphthalene (...)	7.044	3070345	19.254 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3144559	18.201 ug/mlm
7) T Acenaphthene (C15.5)	8.620	3160496	18.368 ug/ml
8) T Flouorene (C16.55)	9.403	3066089	18.263 ug/ml
9) T Phenanthrene (C19.36)	10.803	2861190	17.399 ug/ml
10) T Anthracene (C19.43)	10.877	2591001	16.952 ug/ml
12) T Fluoranthene (C21.85)	12.618	2702242	17.152 ug/ml
13) T Pyrene (C20.8)	12.915	2657157	17.067 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2633972	19.755 ug/ml
15) T Chrysene (C27.41)	14.833	2637599	19.964 ug/ml
16) T benzo[b]fluoranthene ...	16.346	2812478	21.112 ug/ml
17) T Bnezo[k]fluoranthene ...	16.378	2639056	21.307 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	2653436	21.438 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.095	2466319	22.127 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	2749258	24.716 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.351	2606156	21.927 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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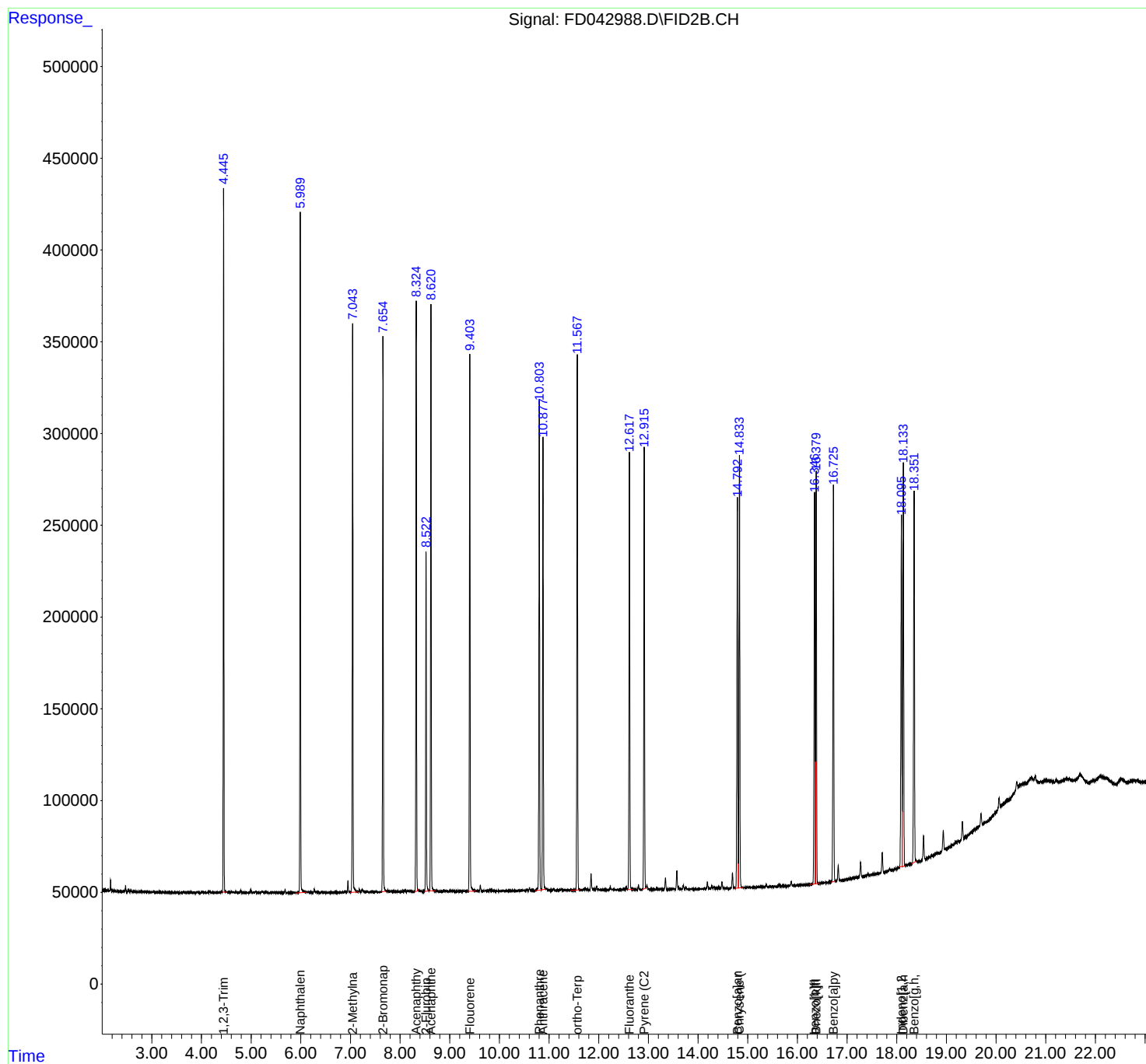
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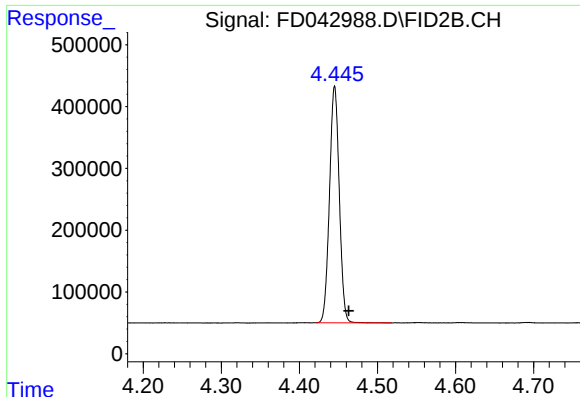
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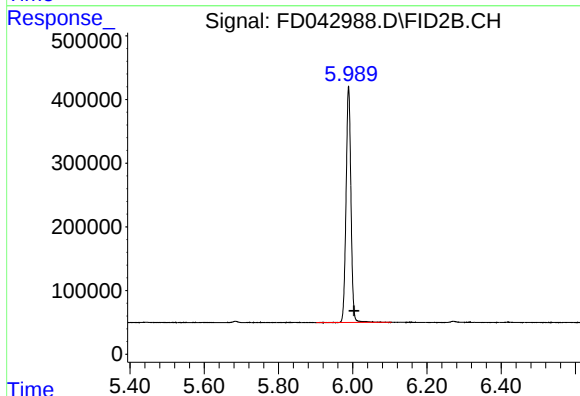
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.018 min
Response: 3330544
Conc: 19.89 ug/ml

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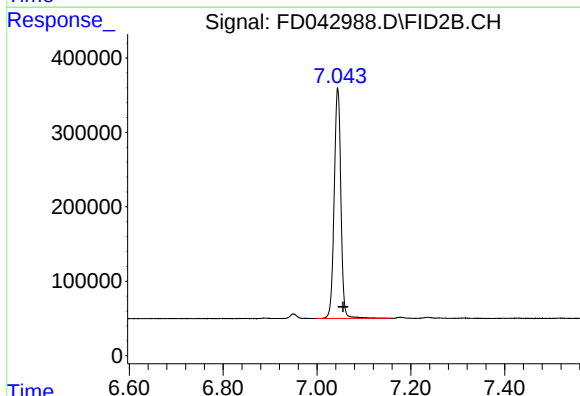
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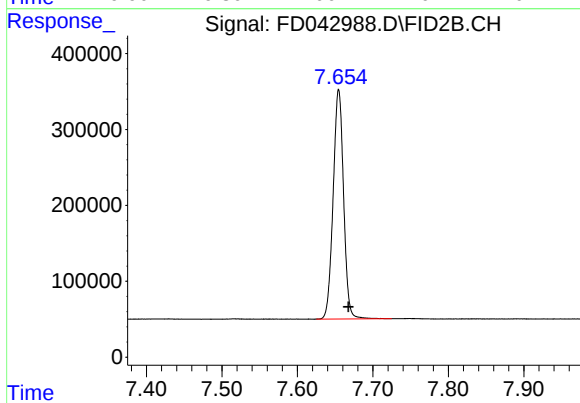
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.015 min
Response: 3387652
Conc: 19.59 ug/ml



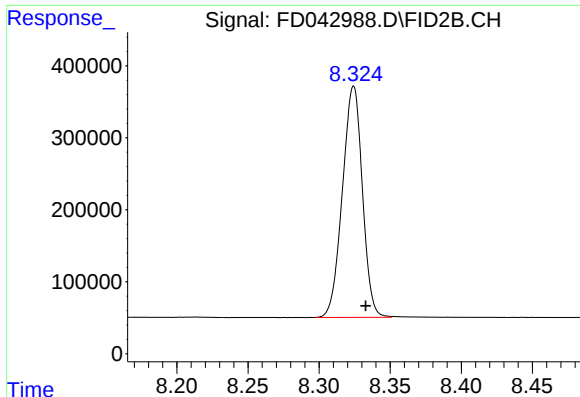
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.011 min
Response: 3070345
Conc: 19.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.655 min
Delta R.T.: -0.013 min
Response: 2907770
Conc: 19.03 ug/ml



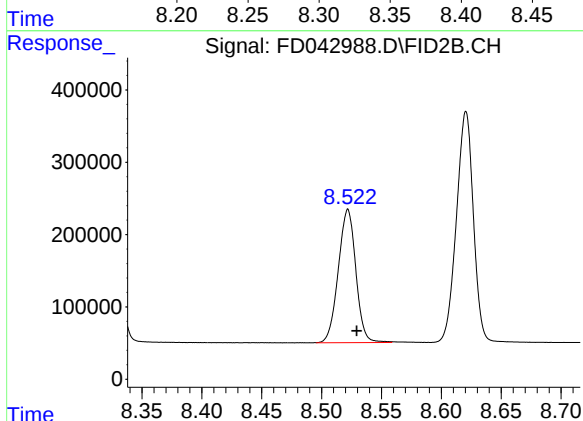
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 3144559
Conc: 18.20 ug/ml

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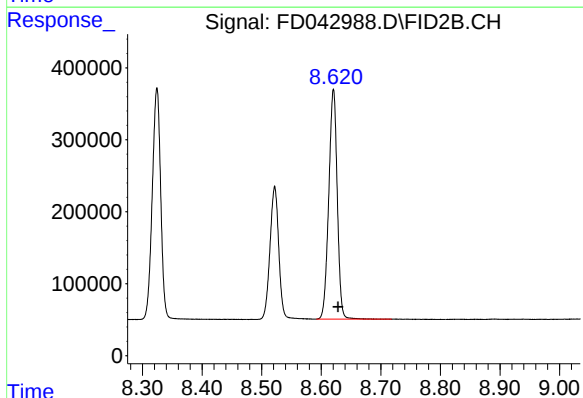
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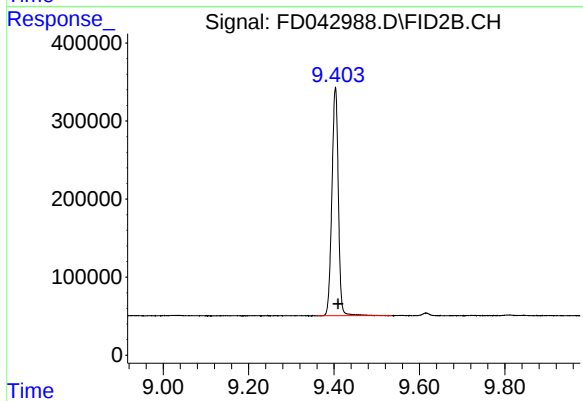
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.522 min
Delta R.T.: -0.008 min
Response: 1882418
Conc: 18.30 ug/ml m



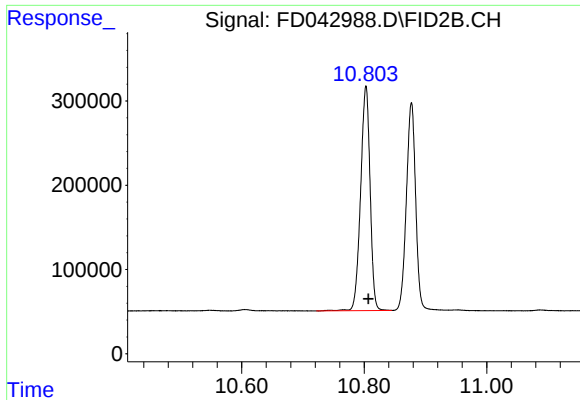
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 3160496
Conc: 18.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.403 min
Delta R.T.: -0.006 min
Response: 3066089
Conc: 18.26 ug/ml



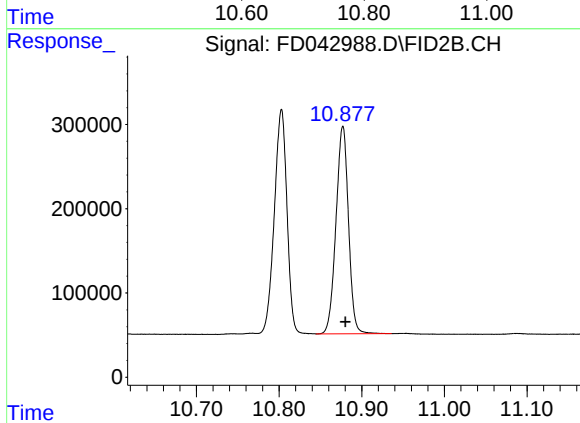
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.004 min
Response: 2861190
Conc: 17.40 ug/ml

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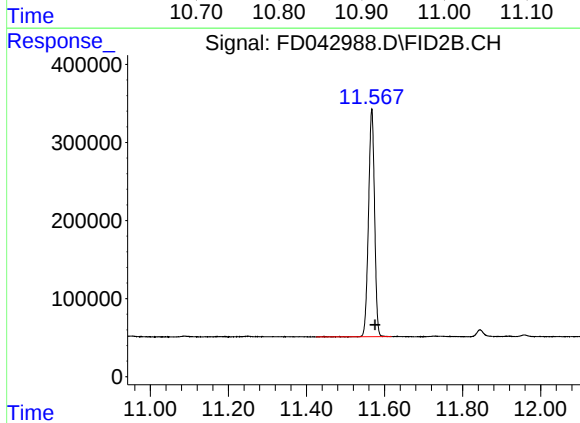
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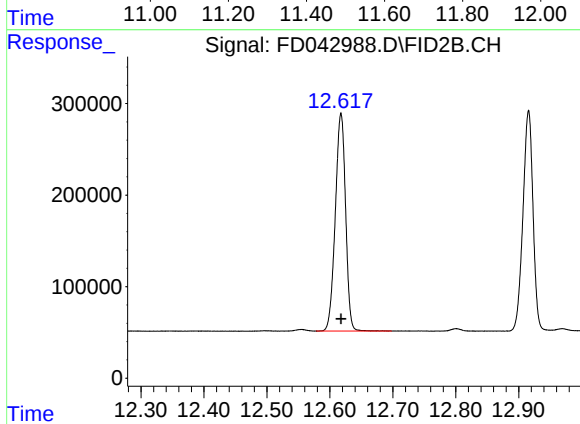
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.003 min
Response: 2591001
Conc: 16.95 ug/ml



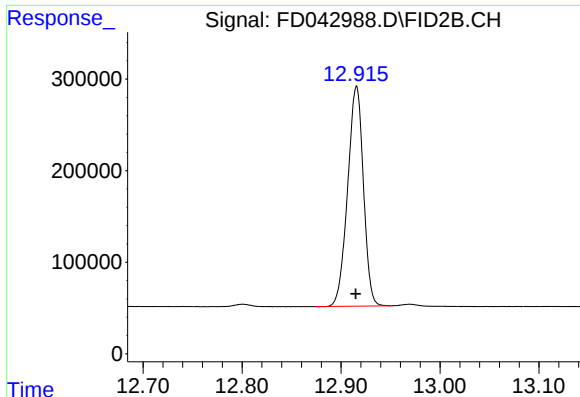
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 3129855
Conc: 17.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.618 min
Delta R.T.: 0.000 min
Response: 2702242
Conc: 17.15 ug/ml



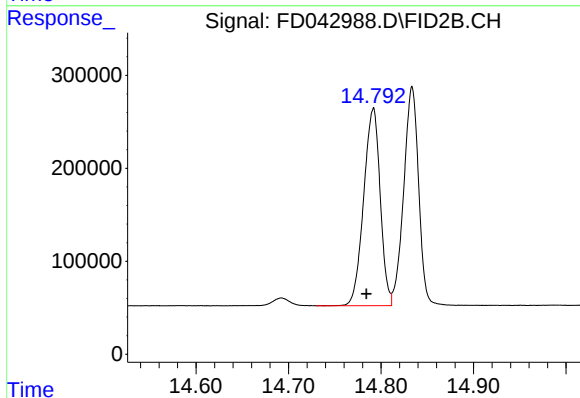
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 2657157
Conc: 17.07 ug/ml

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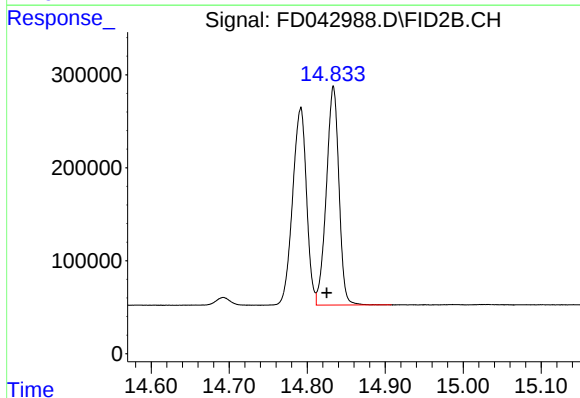
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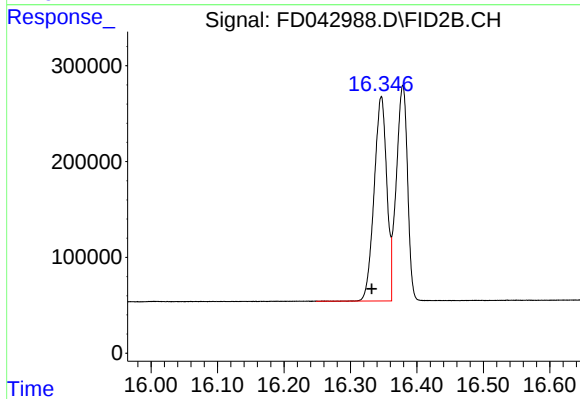
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.007 min
Response: 2633972
Conc: 19.75 ug/ml



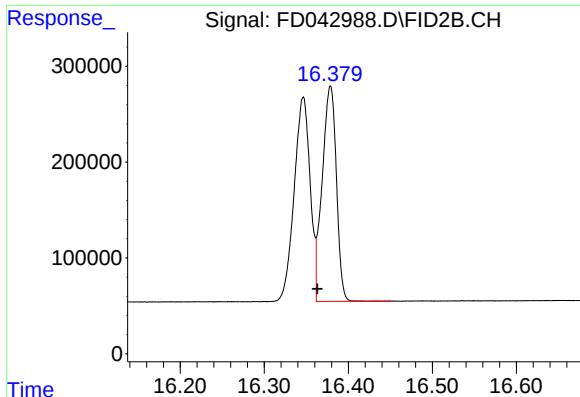
#15 Chrysene (C27.41)

R.T.: 14.833 min
Delta R.T.: 0.008 min
Response: 2637599
Conc: 19.96 ug/ml



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

R.T.: 16.346 min
Delta R.T.: 0.014 min
Response: 2812478
Conc: 21.11 ug/ml



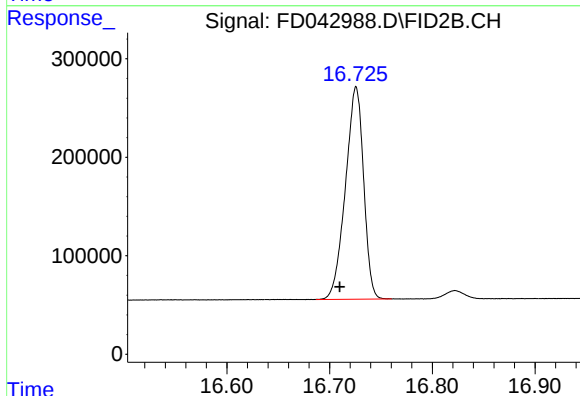
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.378 min
Delta R.T.: 0.015 min
Response: 2639056
Conc: 21.31 ug/ml

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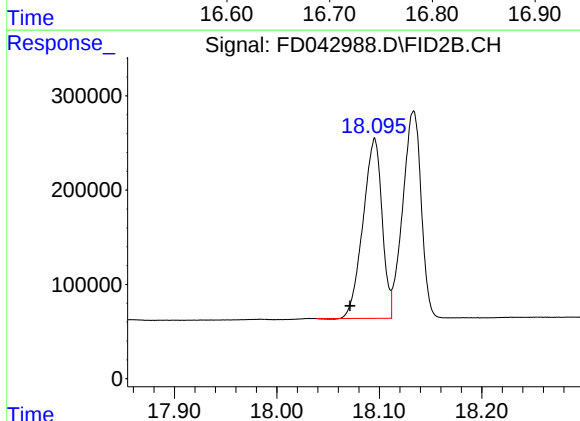
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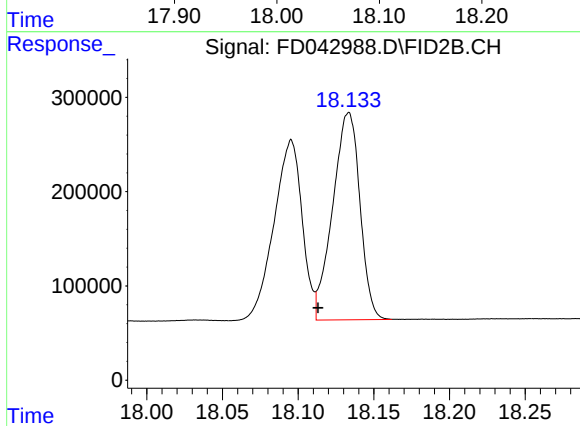
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.016 min
Response: 2653436
Conc: 21.44 ug/ml m



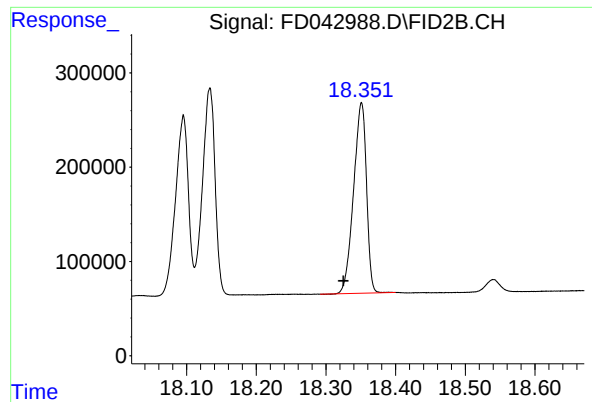
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: 0.023 min
Response: 2466319
Conc: 22.13 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.020 min
Response: 2749258
Conc: 24.72 ug/ml m



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

R.T.: 18.351 min
Delta R.T.: 0.026 min
Response: 2606156
Conc: 21.93 ug/ml

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