

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122719AR\
 Data File : FD031926.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2019 21:35
 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

mohammad
 12/30/2019 1:57:47 PM

Integration File: autoint1.e
 Quant Time: Dec 28 00:24:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.639	2770523	22.399 ug/ml
Spiked Amount 50.000		Recovery =	44.80%
6) S 2-Fluorobiphenyl (SURR)	8.500	1891183	22.172 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.34%
11) S ortho-Terphenyl (SURR)	11.536	2898317	21.906 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	2925123	23.147 ug/ml
2) T Naphthalene (C11.7)	5.980	3074966	22.804 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	3034220	22.546 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2840117	21.789 ug/ml
7) T Acenaphthene (C15.5)	8.599	3007536	22.255 ug/ml
8) T Fluorene (C16.55)	9.378	2962745	22.027 ug/ml
9) T Phenanthrene (C19.36)	10.772	2910096	21.576 ug/ml
10) T Anthracene (C19.43)	10.845	2434647	18.252 ug/ml
12) T Fluoranthene (C21.85)	12.580	2871938	21.226 ug/ml
13) T Pyrene (C20.8)	12.877	2832801	21.135 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2630124	20.645 ug/mlm
15) T Chrysene (C27.41)	14.786	2657240	20.827 ug/ml
16) T benzo[b]fluoranthene ...	16.291	2641846	21.445 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.324	2593271	21.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2547021	21.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.031	2539636	22.091 ug/mlm
20) T Dibenz[a,h]anthracene...	18.071	2641551	23.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2523418	22.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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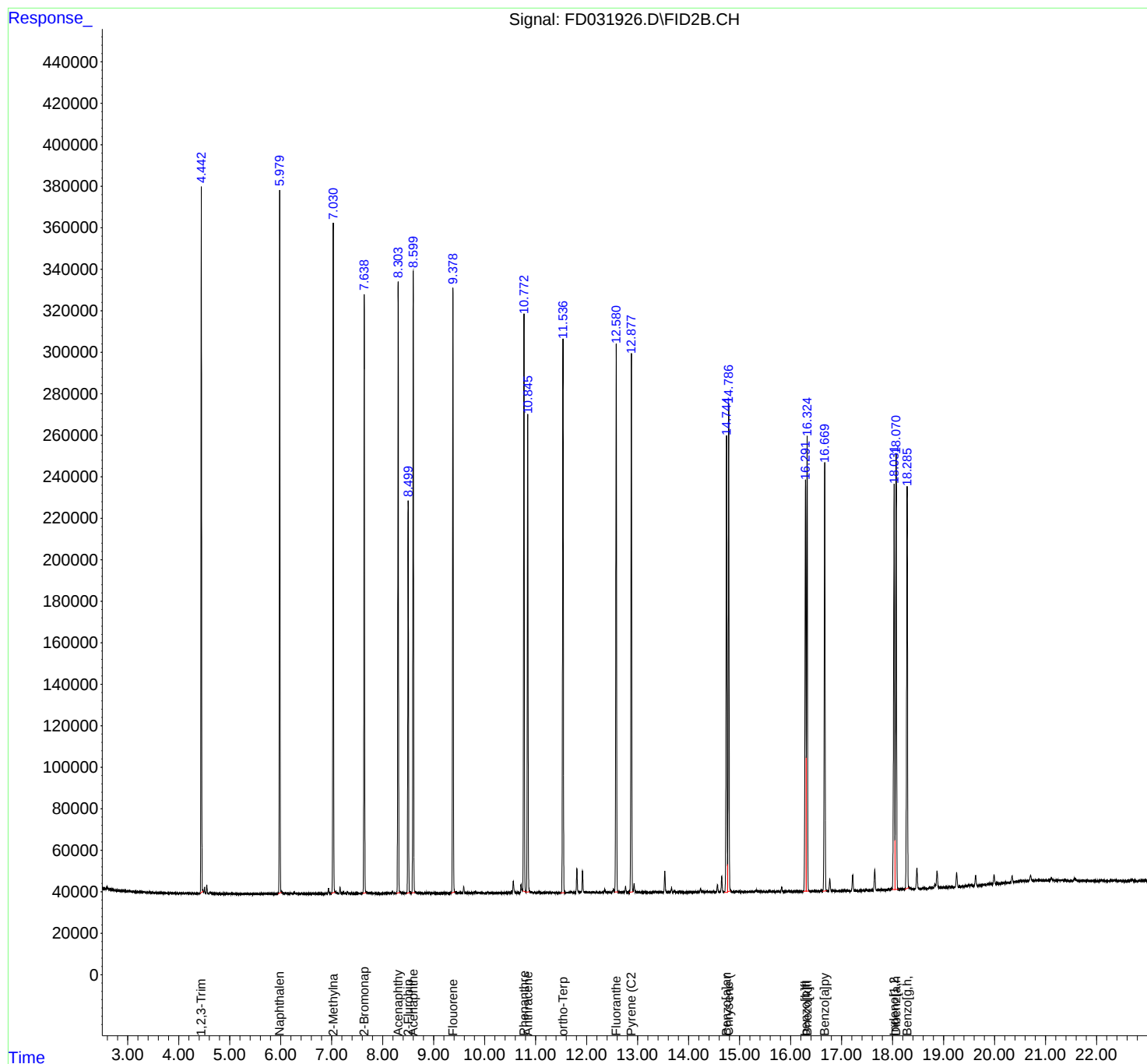
Instrument :
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20 PPM AROMATIC HC STD

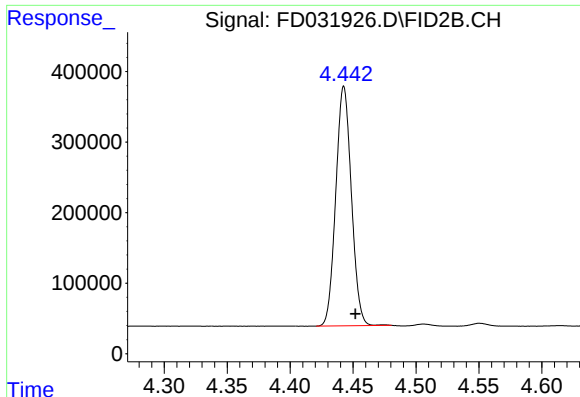
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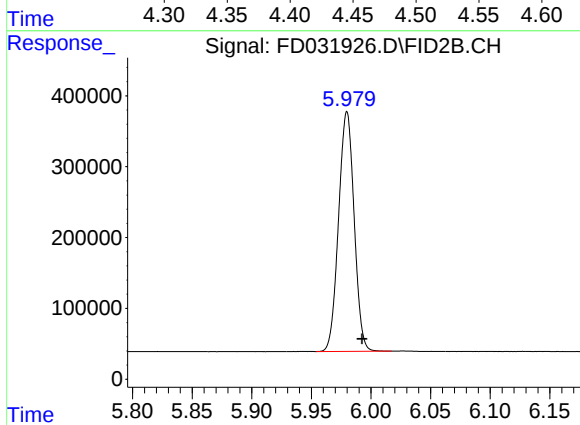
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.009 min
Response: 2925123
Conc: 23.15 ug/ml

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20 PPM AROMATIC HC STD

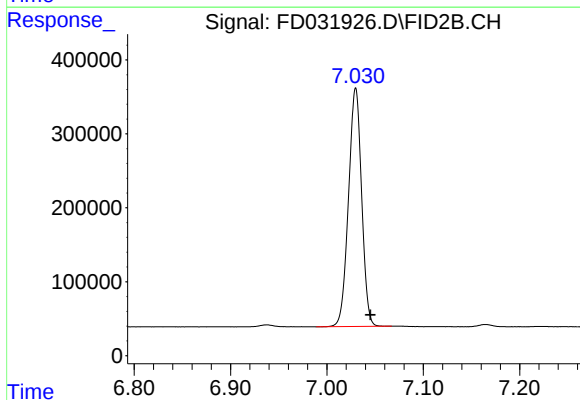
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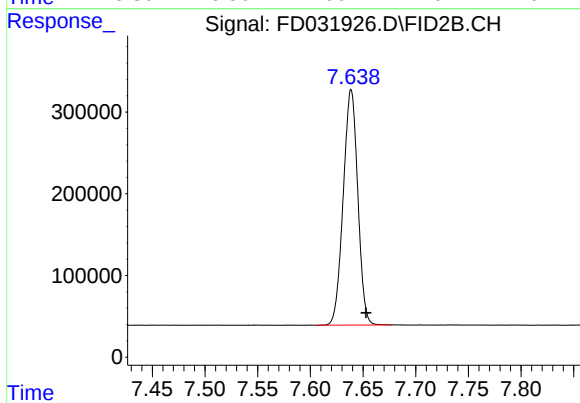
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.013 min
Response: 3074966
Conc: 22.80 ug/ml



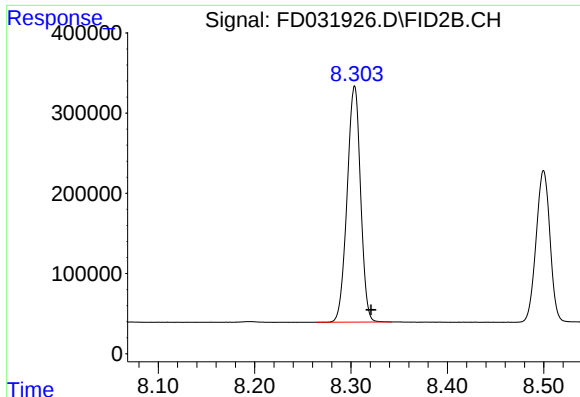
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.015 min
Response: 3034220
Conc: 22.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 2770523
Conc: 22.40 ug/ml



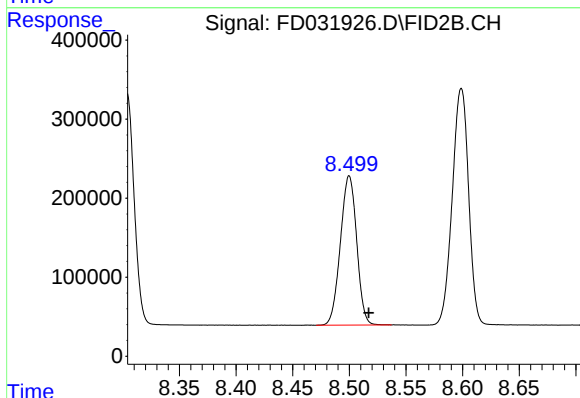
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 2840117
Conc: 21.79 ug/ml

Instrument :
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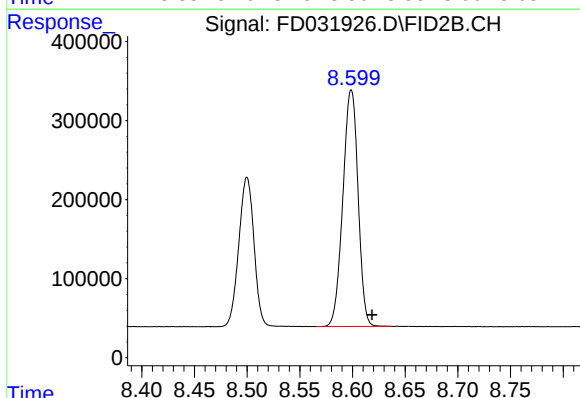
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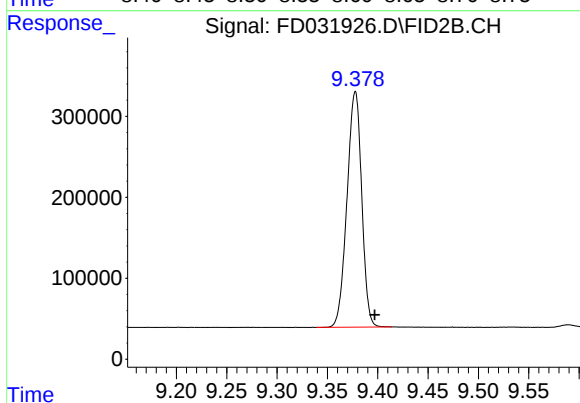
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 1891183
Conc: 22.17 ug/ml



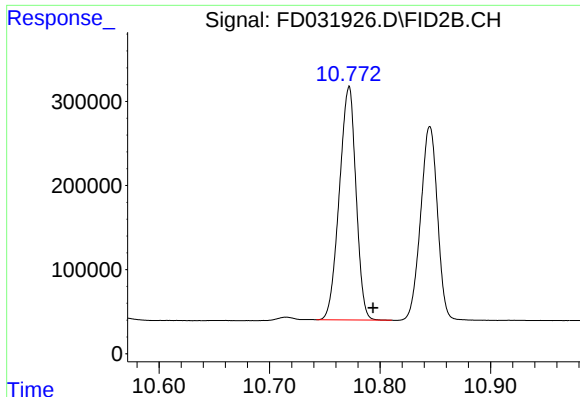
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.020 min
Response: 3007536
Conc: 22.25 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.019 min
Response: 2962745
Conc: 22.03 ug/ml



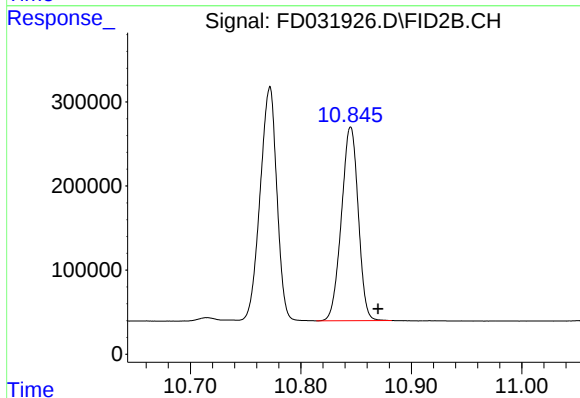
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.022 min
Response: 2910096
Conc: 21.58 ug/ml

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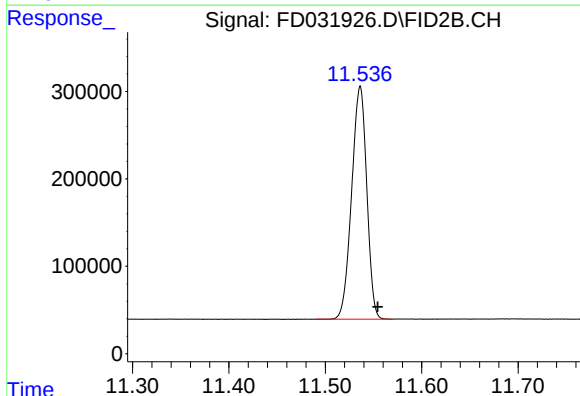
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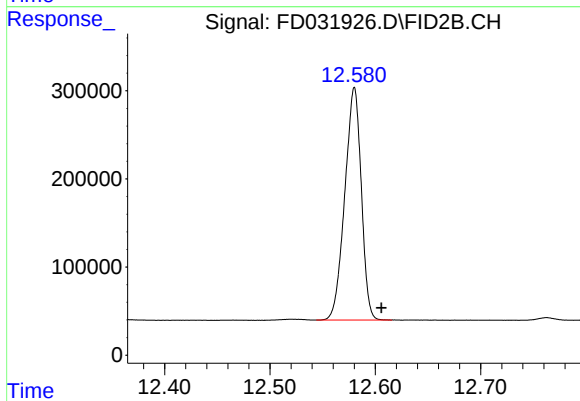
#10 Anthracene (C19.43)

R.T.: 10.845 min
Delta R.T.: -0.025 min
Response: 2434647
Conc: 18.25 ug/ml



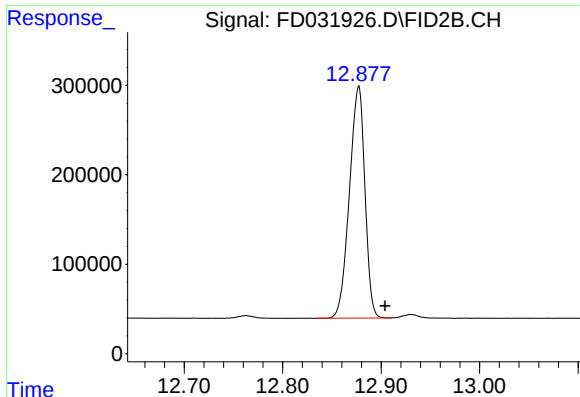
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.018 min
Response: 2898317
Conc: 21.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.026 min
Response: 2871938
Conc: 21.23 ug/ml



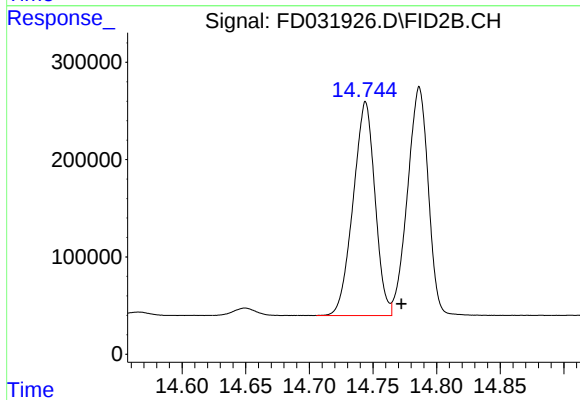
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.027 min
Response: 2832801
Conc: 21.14 ug/ml

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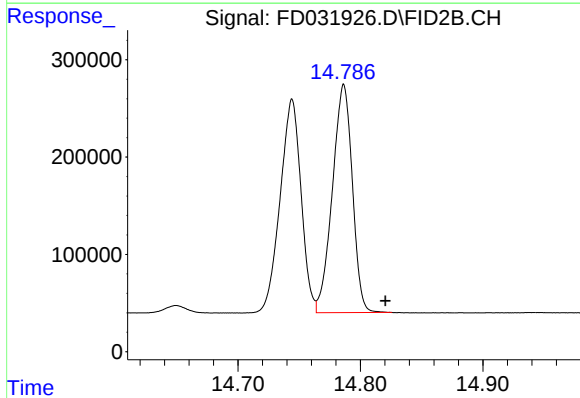
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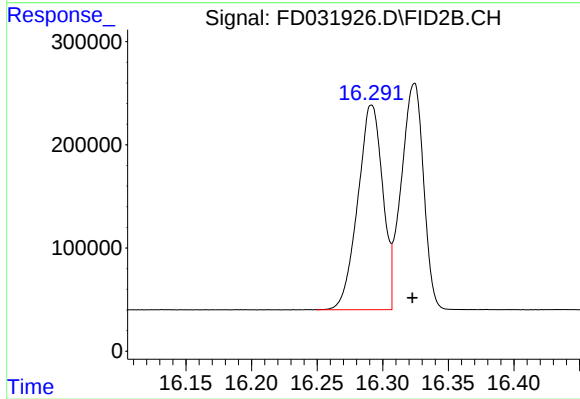
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.029 min
Response: 2630124
Conc: 20.65 ug/ml m



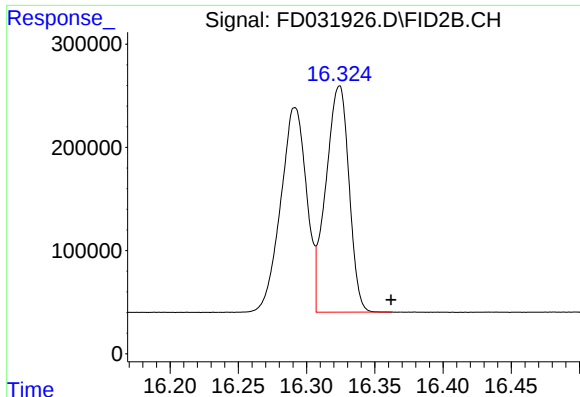
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.034 min
Response: 2657240
Conc: 20.83 ug/ml



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

R.T.: 16.291 min
Delta R.T.: -0.031 min
Response: 2641846
Conc: 21.45 ug/ml m



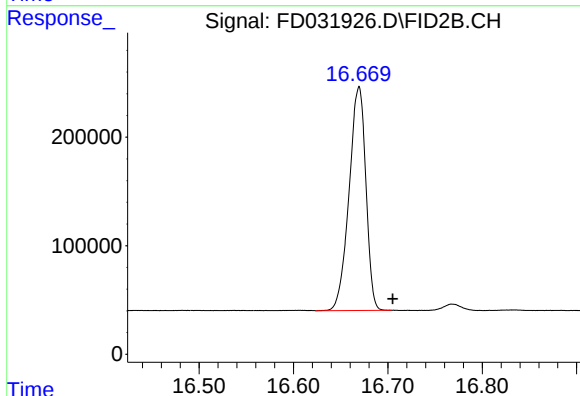
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.038 min
Response: 2593271
Conc: 21.33 ug/ml

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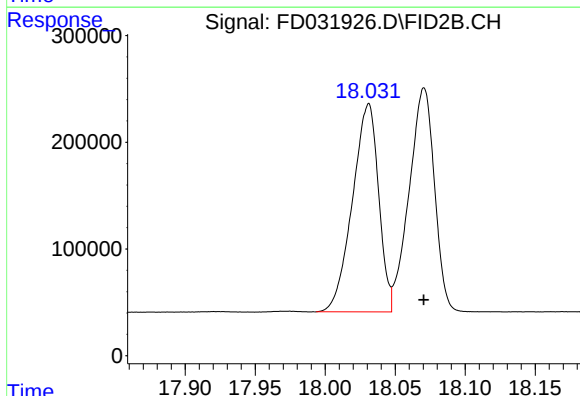
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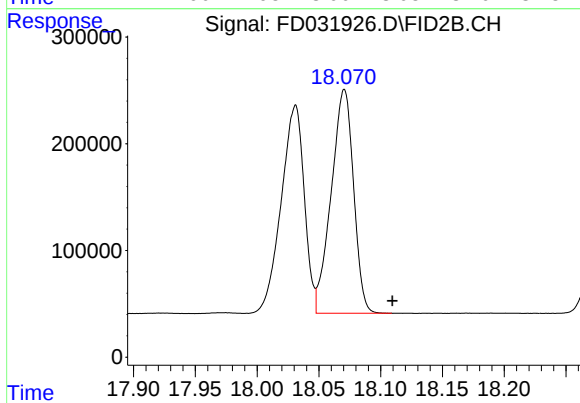
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.036 min
Response: 2547021
Conc: 21.25 ug/ml



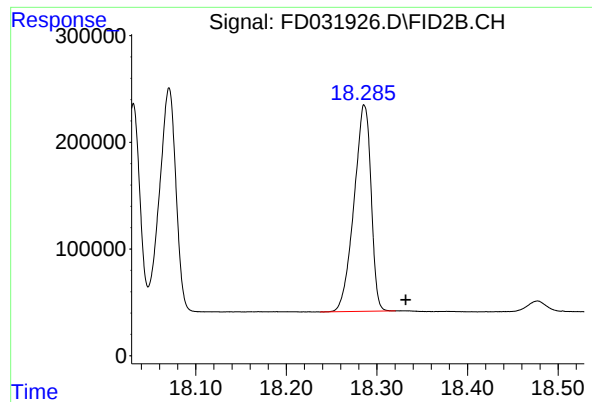
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.031 min
Delta R.T.: -0.039 min
Response: 2539636
Conc: 22.09 ug/ml m



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

R.T.: 18.071 min
Delta R.T.: -0.039 min
Response: 2641551
Conc: 23.40 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.046 min
Response: 2523418
Conc: 22.27 ug/ml

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