

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035261.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 7:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Ankita
 11/3/2020 3:29:39 PM

Integration File: autoint1.e
 Quant Time: Nov 03 08:04:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 06:34:23 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...	7.641	2378050	20.503 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
6) S 2-Fluorobiphenyl (SURR)	8.505	1669955	20.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.88%
11) S ortho-Terphenyl (SURR)	11.543	2831213	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2654028	20.576 ug/ml
2) T Naphthalene (C11.7)	5.978	2777973	20.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2808152	20.601 ug/ml
5) T Acenaphthylene (C15.06)	8.307	2742486	20.343 ug/ml
7) T Acenaphthene (C15.5)	8.601	2856798	20.579 ug/ml
8) T Fluorene (C16.55)	9.383	2735113	20.627 ug/ml
9) T Phenanthrene (C19.36)	10.780	2732099	20.668 ug/ml
10) T Anthracene (C19.43)	10.855	2788574	20.625 ug/ml
12) T Fluoranthene (C21.85)	12.591	2754771	20.506 ug/ml
13) T Pyrene (C20.8)	12.889	2777244	20.883 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2450627	20.665 ug/ml
15) T Chrysene (C27.41)	14.803	2696837	20.362 ug/ml
16) T benzo[b]fluoranthene ...	16.311	2317583	19.751 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.342	2505497	20.586 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.690	2246502	20.541 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	2070174	20.304 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	2344535	20.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	2191279	20.467 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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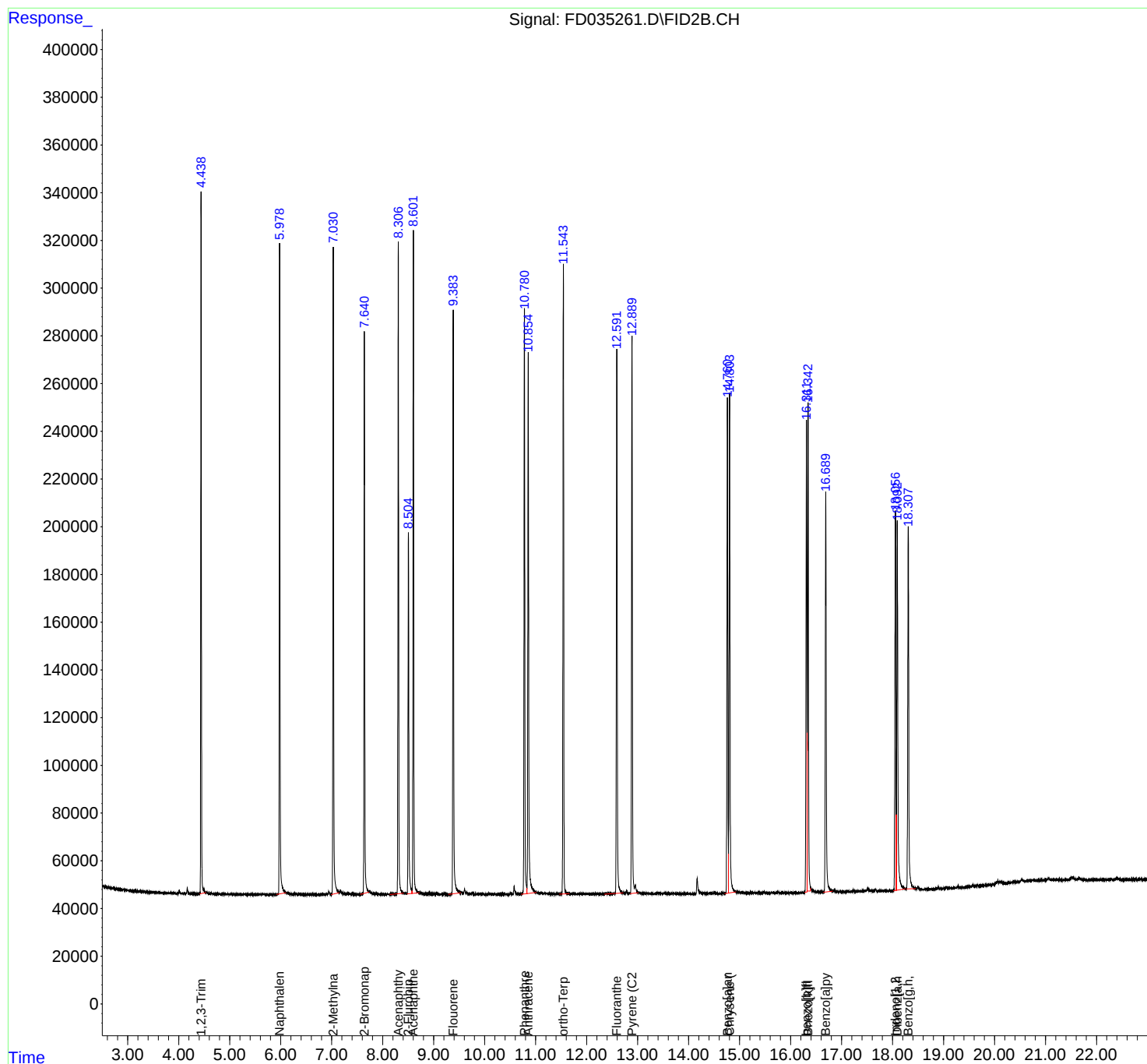
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20 PPM AROMATIC HC STD

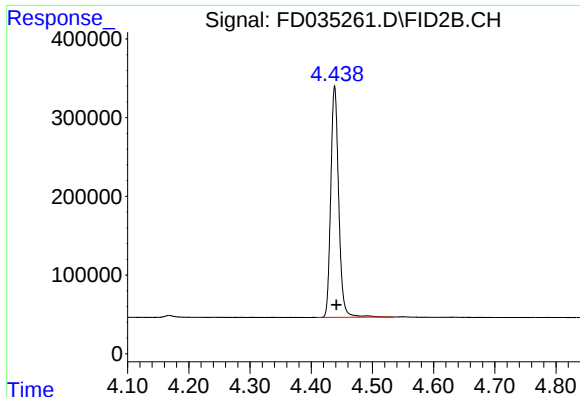
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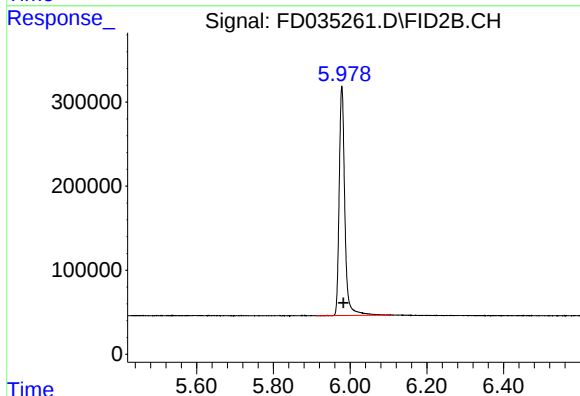
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2654028
Conc: 20.58 ug/ml

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20 PPM AROMATIC HC STD

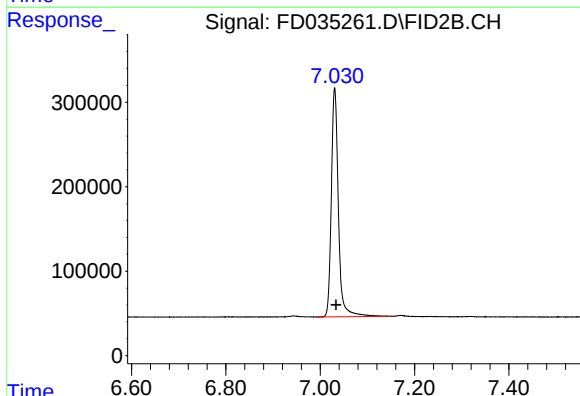
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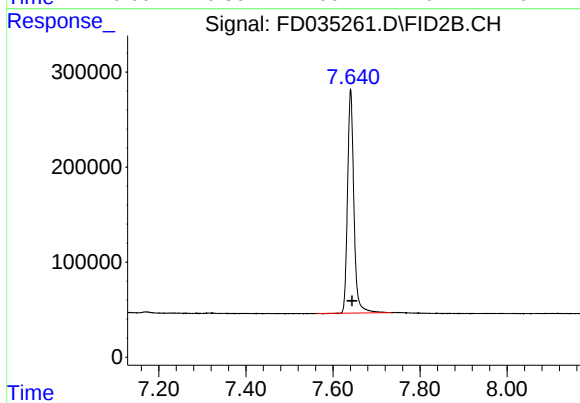
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 2777973
Conc: 20.52 ug/ml



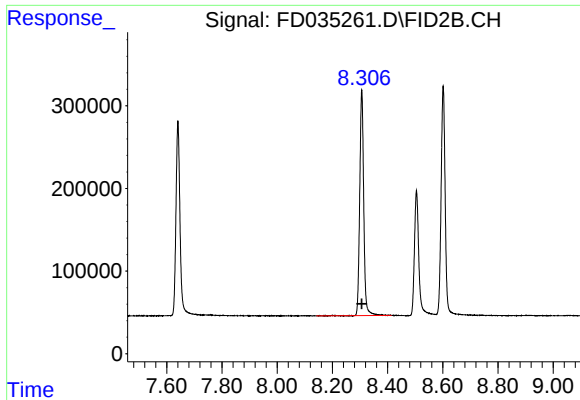
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 2808152
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 2378050
Conc: 20.50 ug/ml



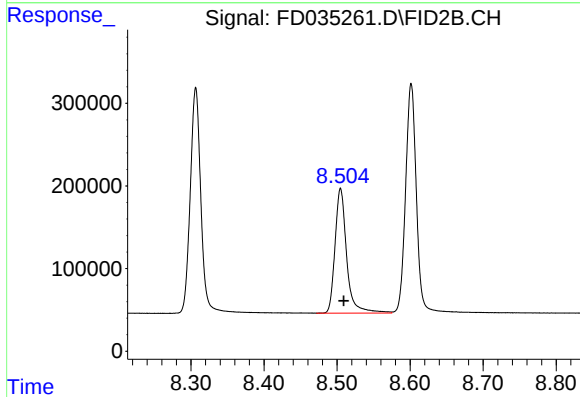
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 2742486
Conc: 20.34 ug/ml

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20 PPM AROMATIC HC STD

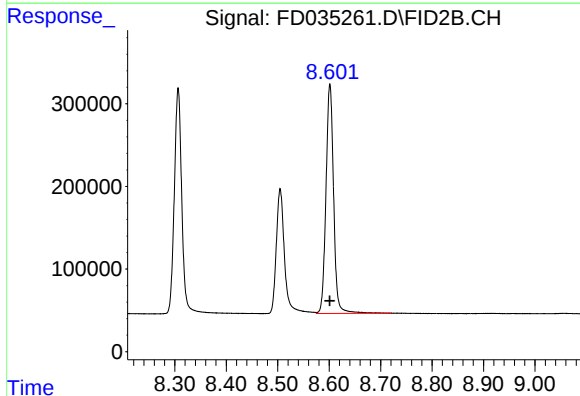
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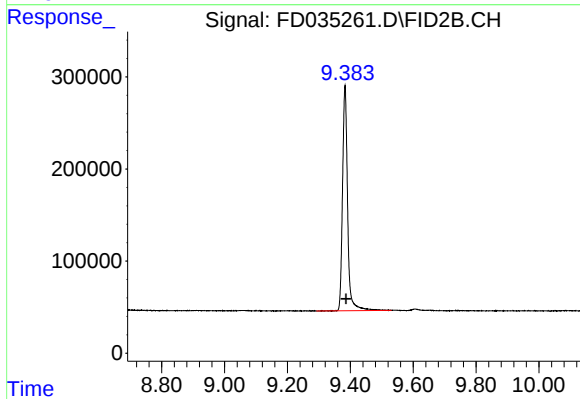
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 1669955
Conc: 20.94 ug/ml



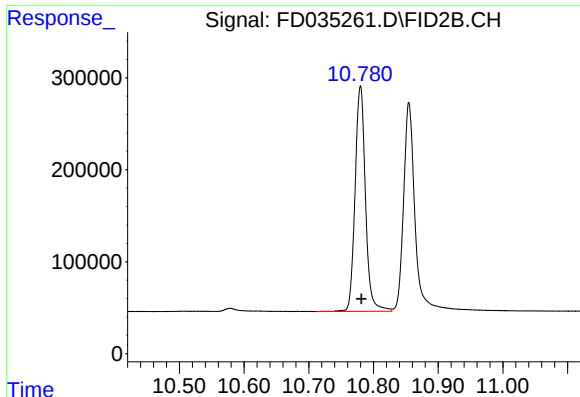
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2856798
Conc: 20.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.003 min
Response: 2735113
Conc: 20.63 ug/ml



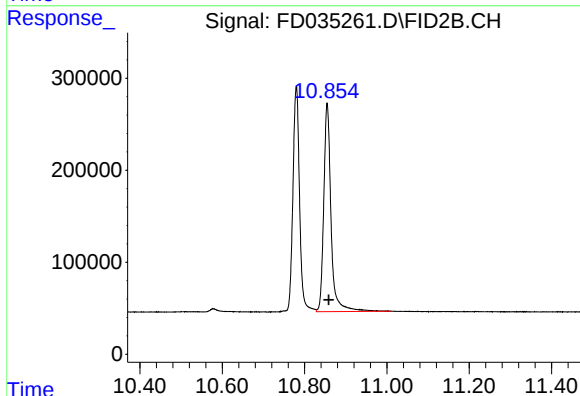
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.002 min
Response: 2732099
Conc: 20.67 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

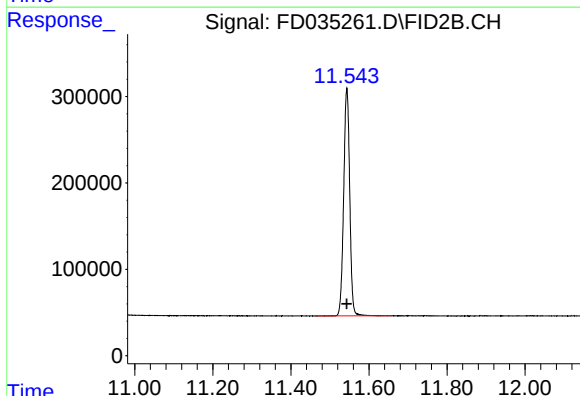
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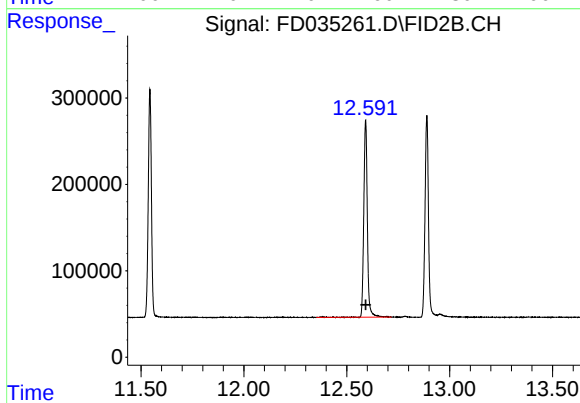
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.004 min
Response: 2788574
Conc: 20.63 ug/ml



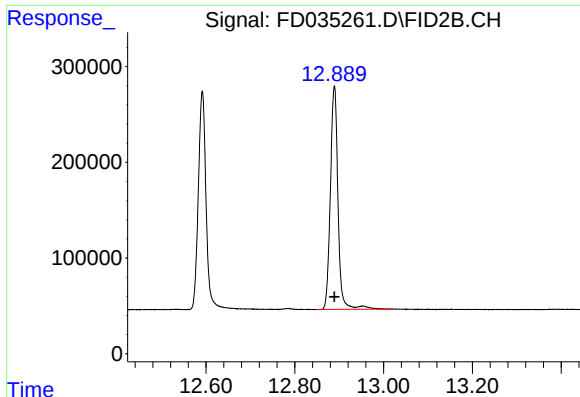
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2831213
Conc: 20.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.591 min
Delta R.T.: -0.001 min
Response: 2754771
Conc: 20.51 ug/ml



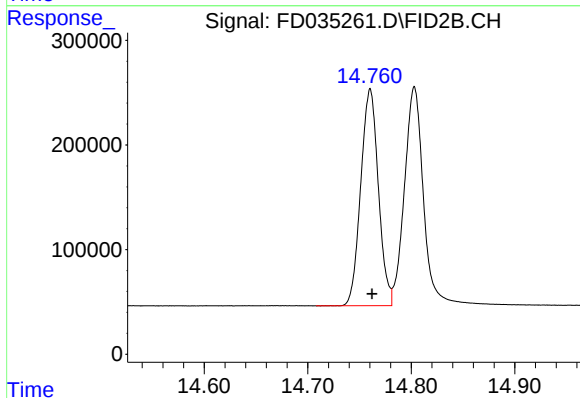
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 2777244
Conc: 20.88 ug/ml

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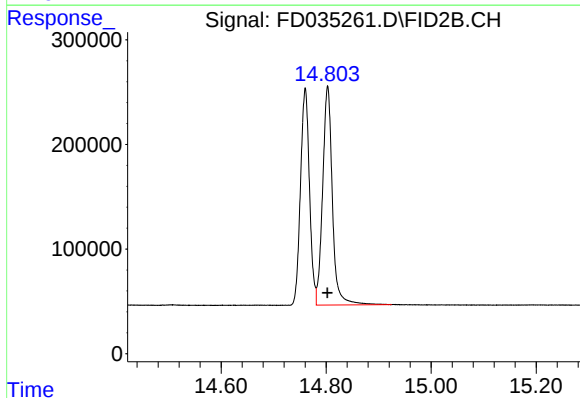
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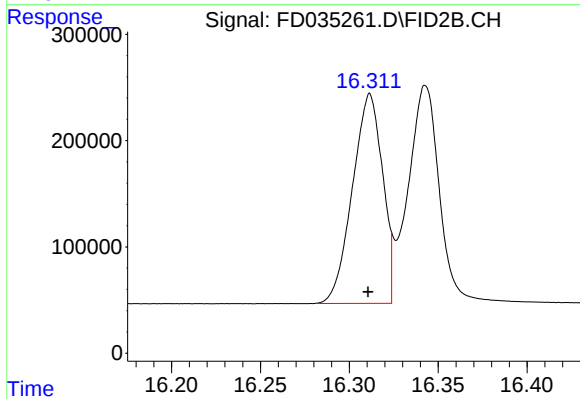
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.002 min
Response: 2450627
Conc: 20.67 ug/ml



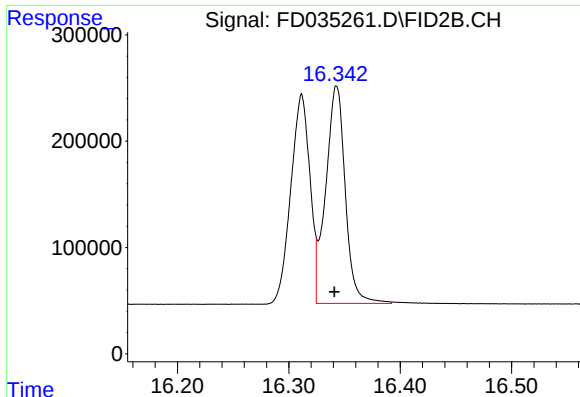
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 2696837
Conc: 20.36 ug/ml



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

R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 2317583
Conc: 19.75 ug/ml m



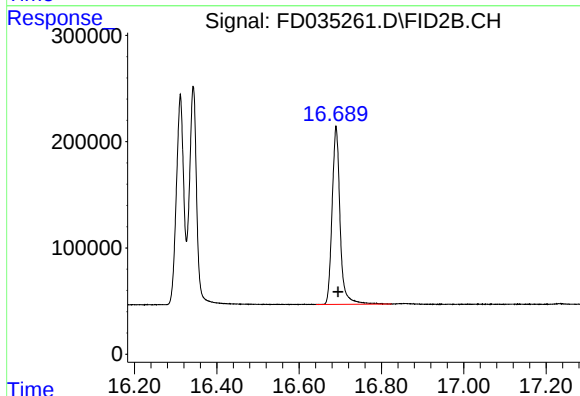
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.342 min
Delta R.T.: 0.001 min
Response: 2505497
Conc: 20.59 ug/ml m

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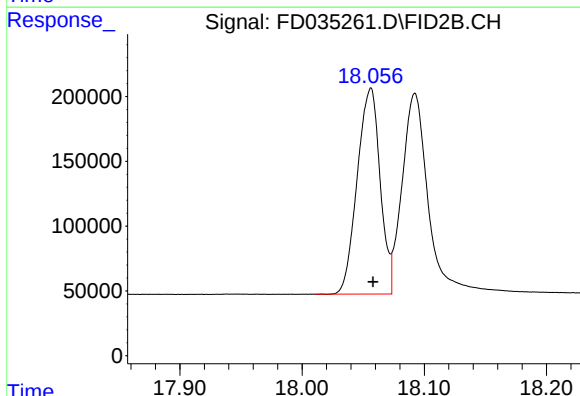
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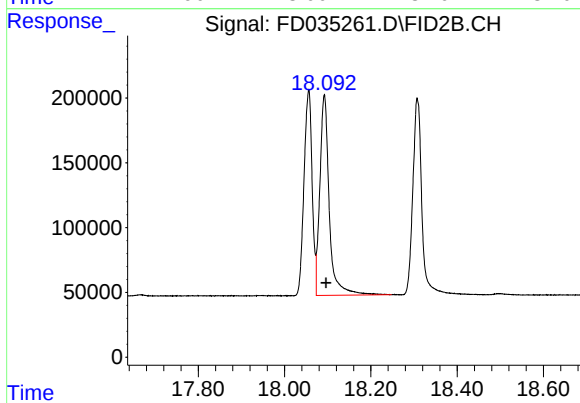
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.005 min
Response: 2246502
Conc: 20.54 ug/ml



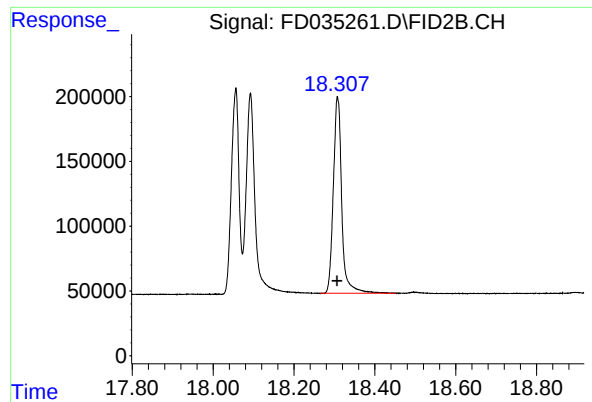
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.003 min
Response: 2070174
Conc: 20.30 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 2344535
Conc: 20.50 ug/ml



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

R.T.: 18.308 min
Delta R.T.: 0.000 min
Response: 2191279
Conc: 20.47 ug/ml

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