

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123019AR\
 Data File : FD031940.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2019 12:18
 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

Ankita
 12/31/2019 9:03:50 AM

Integration File: autoint1.e
 Quant Time: Dec 30 14:00:57 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	2852749	23.063 ug/ml
Spiked Amount 50.000		Recovery =	46.13%
6) S 2-Fluorobiphenyl (SURR)	8.500	1937508	22.715 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.43%
11) S ortho-Terphenyl (SURR)	11.537	2972924	22.470 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	3024395	23.932 ug/ml
2) T Naphthalene (C11.7)	5.980	3168127	23.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	3117813	23.167 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2922660	22.422 ug/ml
7) T Acenaphthene (C15.5)	8.599	3087199	22.844 ug/ml
8) T Flouorene (C16.55)	9.378	3036812	22.577 ug/ml
9) T Phenanthrene (C19.36)	10.772	2977216	22.073 ug/ml
10) T Anthracene (C19.43)	10.846	2448702	18.357 ug/ml
12) T Fluoranthene (C21.85)	12.581	2930093	21.656 ug/ml
13) T Pyrene (C20.8)	12.877	2887012	21.540 ug/ml
14) T Benzo[a]anthracene (C...	14.745	2644578	20.759 ug/mlm
15) T Chrysene (C27.41)	14.788	2695293	21.125 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2687075	21.812 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.325	2626137	21.601 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2569302	21.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	2579901	22.441 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	2705458	23.968 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	2563061	22.619 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

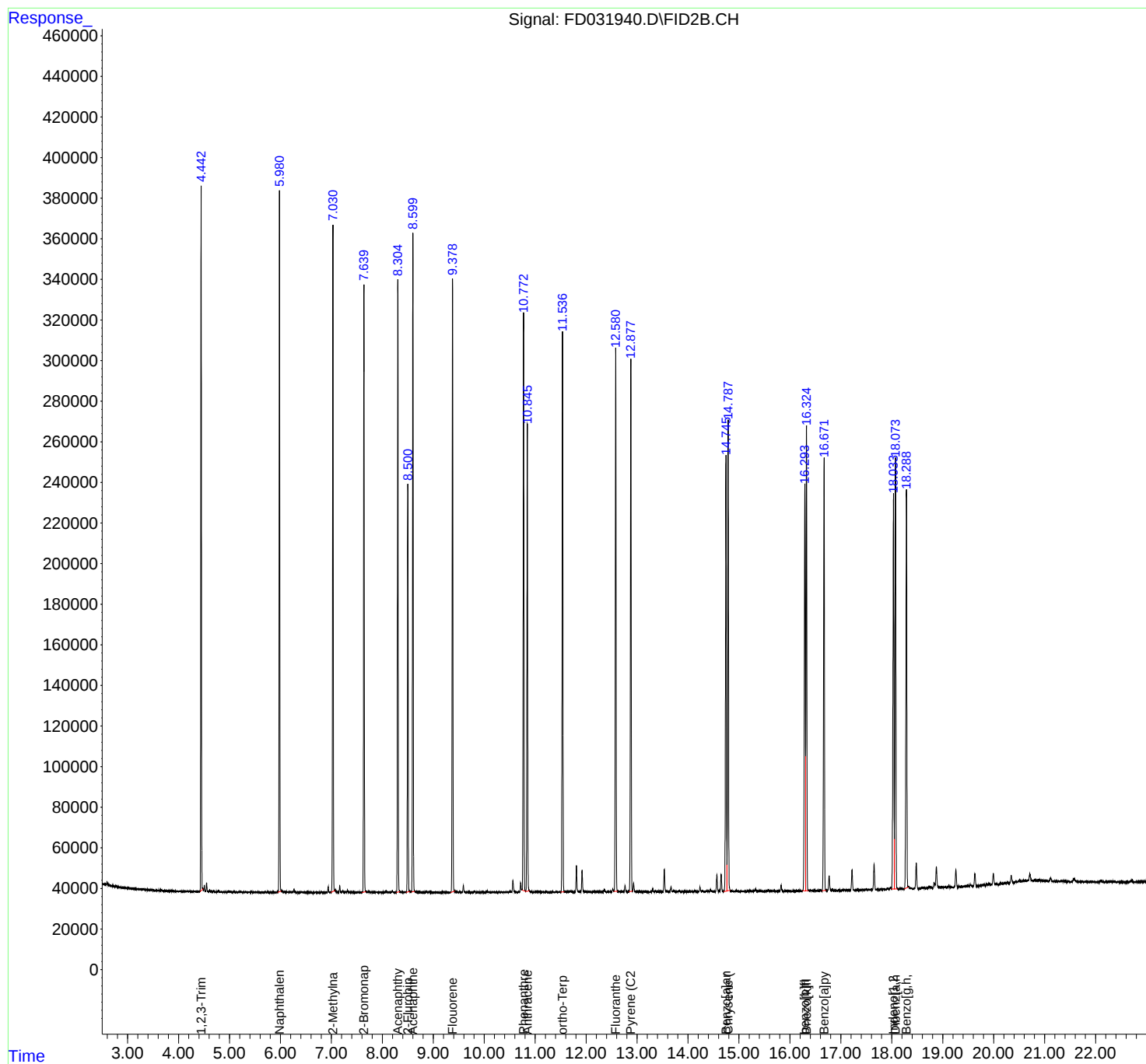
Instrument :
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20 PPM AROMATIC HC STD

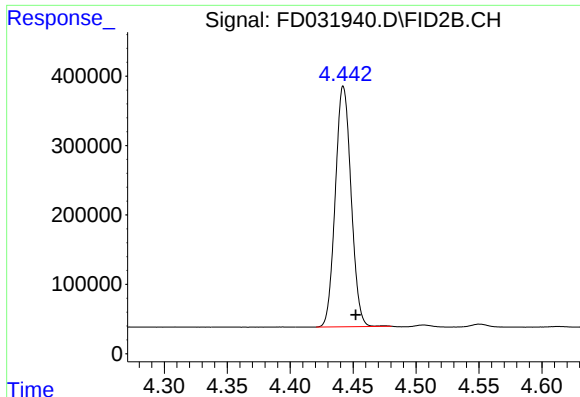
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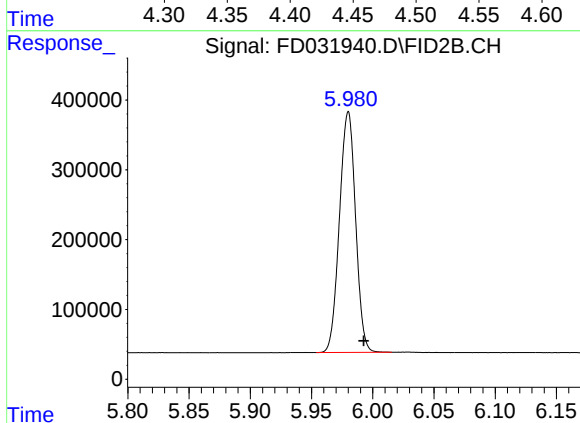
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 3024395
Conc: 23.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

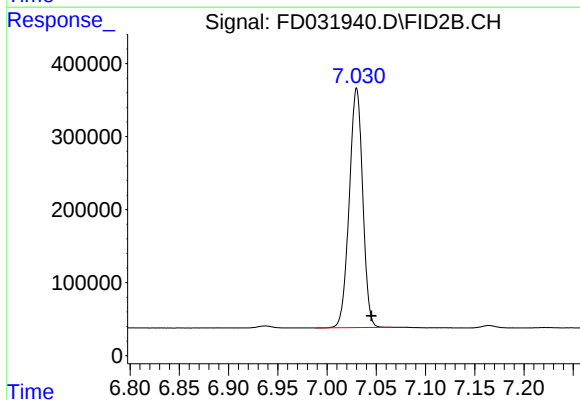
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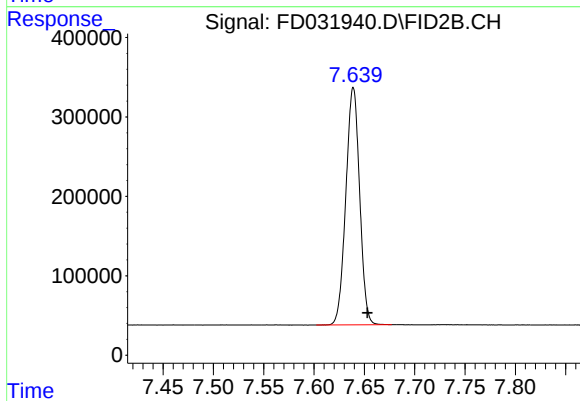
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.013 min
Response: 3168127
Conc: 23.49 ug/ml



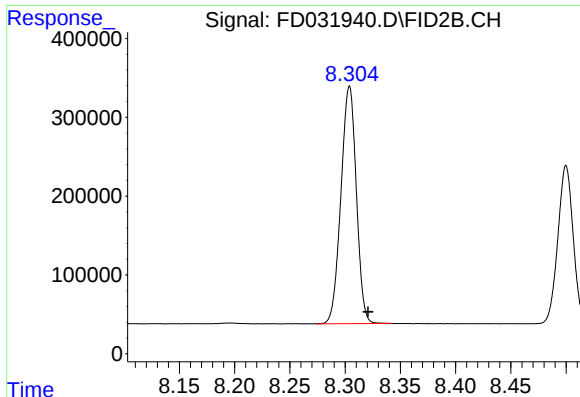
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.015 min
Response: 3117813
Conc: 23.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 2852749
Conc: 23.06 ug/ml



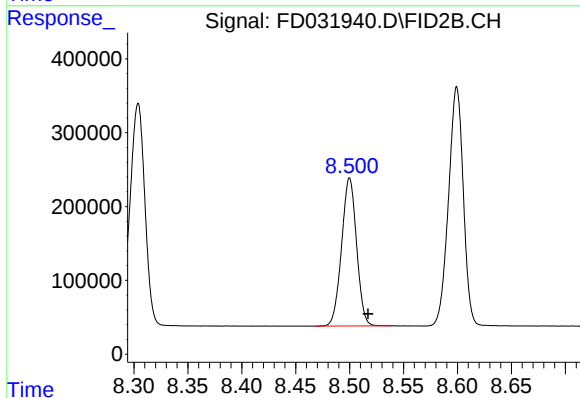
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 2922660
Conc: 22.42 ug/ml

Instrument :
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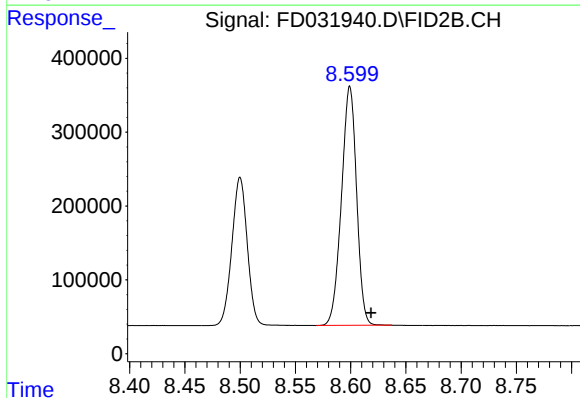
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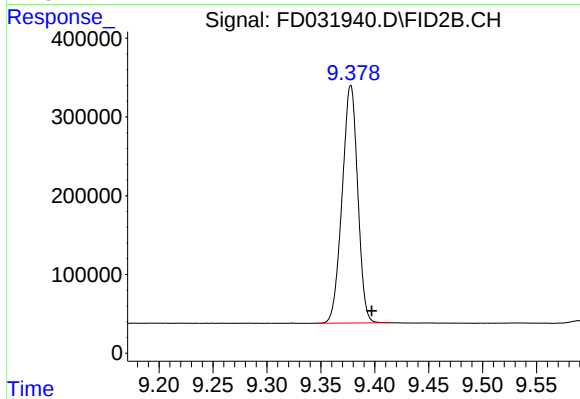
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 1937508
Conc: 22.72 ug/ml



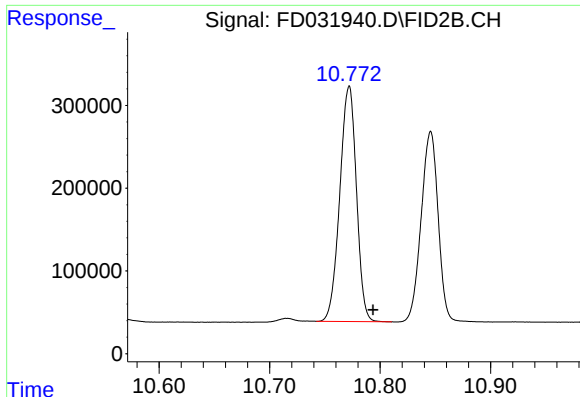
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.019 min
Response: 3087199
Conc: 22.84 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.019 min
Response: 3036812
Conc: 22.58 ug/ml



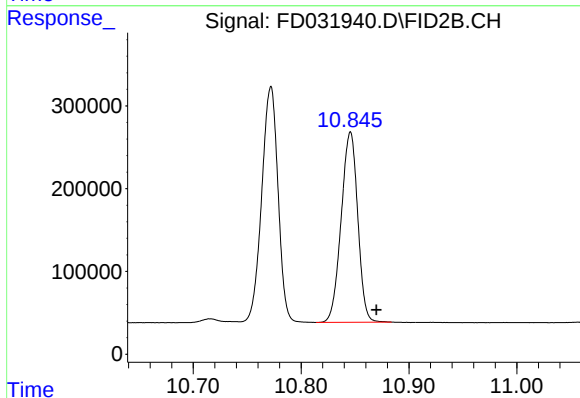
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.022 min
Response: 2977216
Conc: 22.07 ug/ml

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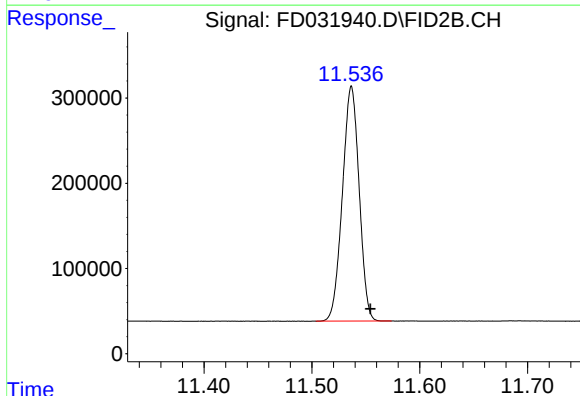
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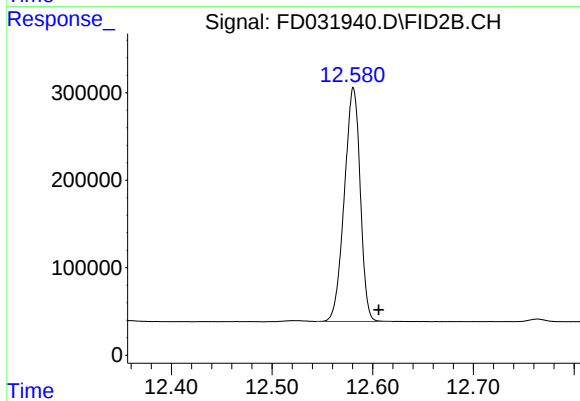
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.024 min
Response: 2448702
Conc: 18.36 ug/ml



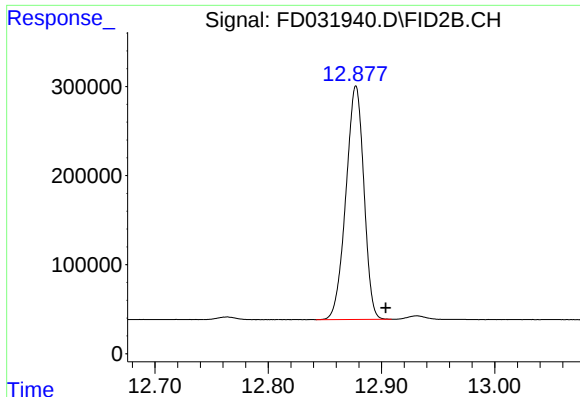
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.018 min
Response: 2972924
Conc: 22.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.025 min
Response: 2930093
Conc: 21.66 ug/ml



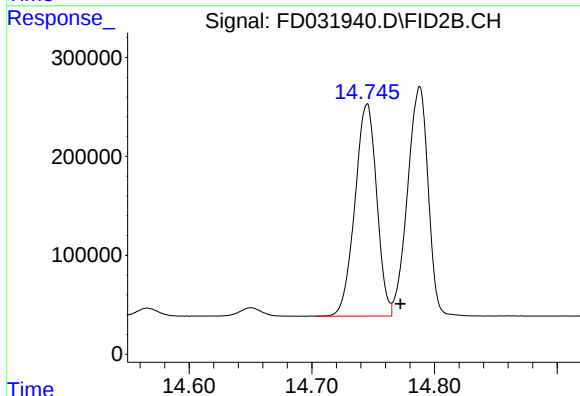
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.026 min
Response: 2887012
Conc: 21.54 ug/ml

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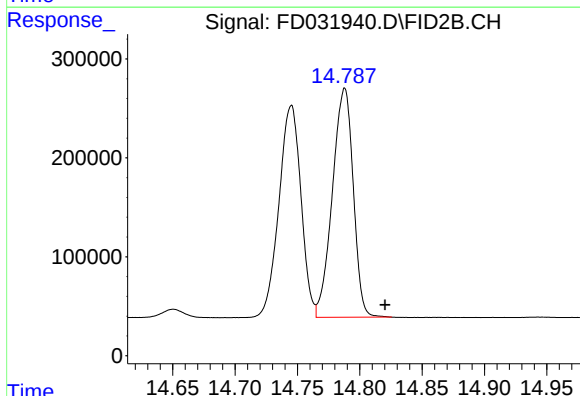
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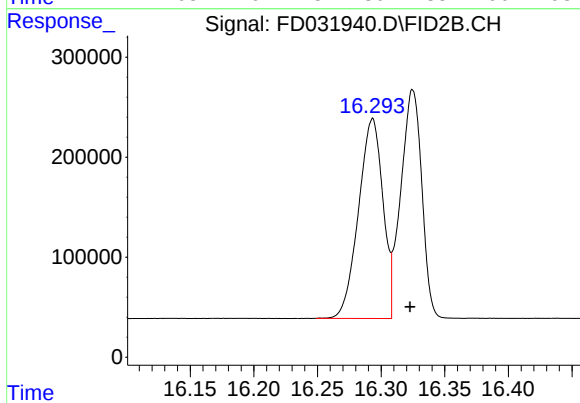
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: -0.027 min
Response: 2644578
Conc: 20.76 ug/ml m



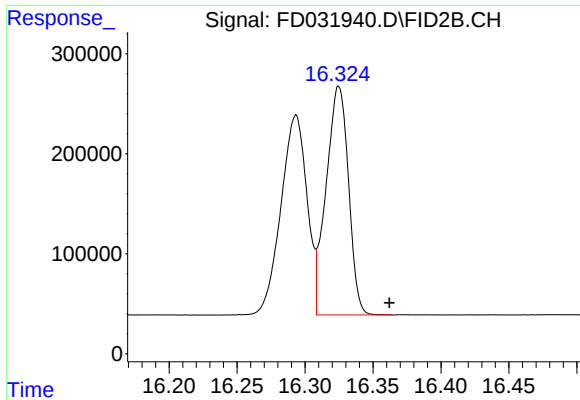
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: -0.032 min
Response: 2695293
Conc: 21.13 ug/ml



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

R.T.: 16.293 min
Delta R.T.: -0.030 min
Response: 2687075
Conc: 21.81 ug/ml m



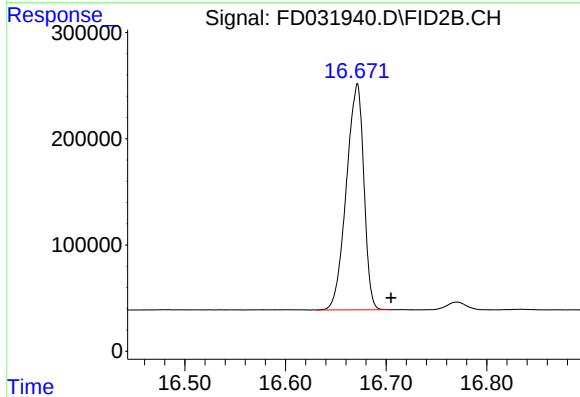
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.037 min
Response: 2626137
Conc: 21.60 ug/ml

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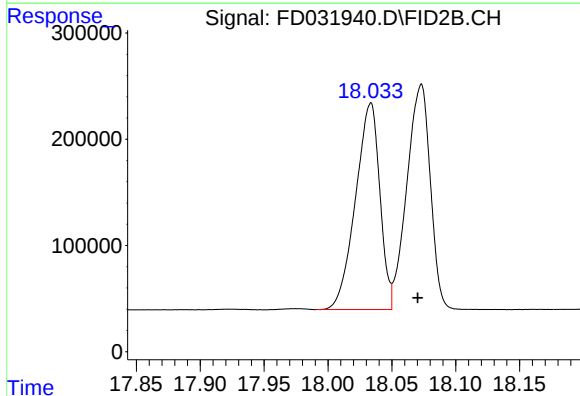
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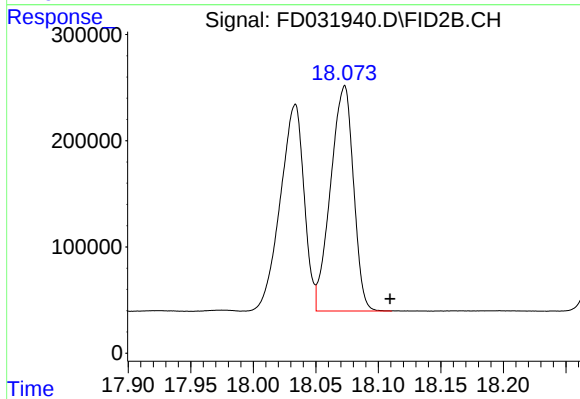
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: -0.034 min
Response: 2569302
Conc: 21.44 ug/ml



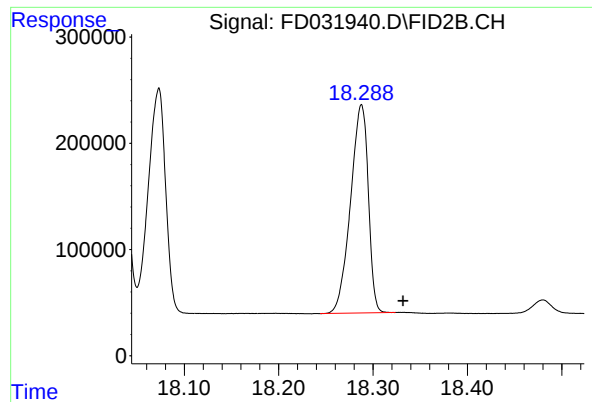
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.037 min
Response: 2579901
Conc: 22.44 ug/ml m



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

R.T.: 18.073 min
Delta R.T.: -0.036 min
Response: 2705458
Conc: 23.97 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.044 min
Response: 2563061
Conc: 22.62 ug/ml

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