

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
 Data File : FD031893.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2019 16:51
 Operator : DD\AJ
 Sample : K6438-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DUNR-BF001-01MS

Manual Integrations
 APPROVED

mohammad
 12/27/2019 9:48:12 AM

Integration File: autoint1.e
 Quant Time: Dec 27 01:37:41 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...	7.638	3686983	29.808 ug/ml
Spiked Amount 50.000		Recovery =	59.62%
6) S 2-Fluorobiphenyl (SURR)	8.500	2457110	28.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.61%
11) S ortho-Terphenyl (SURR)	11.537	4086067	30.883 ug/ml
Spiked Amount 50.000		Recovery =	61.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	2790700	22.083 ug/ml
2) T Naphthalene (C11.7)	5.979	3199831	23.730 ug/ml
3) T 2-Methylnaphthalene (...)	7.029	3260103	24.225 ug/ml
5) T Acenaphthylene (C15.06)	8.303	3251265	24.943 ug/ml
7) T Acenaphthene (C15.5)	8.598	3467336	25.657 ug/ml
8) T Flouorene (C16.55)	9.377	3573085	26.564 ug/ml
9) T Phenanthrene (C19.36)	10.772	3754807	27.838 ug/ml
10) T Anthracene (C19.43)	10.847	3786030	28.383 ug/ml
12) T Fluoranthene (C21.85)	12.581	3826062	28.278 ug/ml
13) T Pyrene (C20.8)	12.878	3722367	27.772 ug/ml
14) T Benzo[a]anthracene (C...	14.746	3419018	26.838 ug/mlm
15) T Chrysene (C27.41)	14.788	3579362	28.055 ug/ml
16) T benzo[b]fluoranthene ...	16.294	3506224	28.462 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.327	3336411	27.444 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	3169313	26.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	3326666	28.937 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	3180535	28.176 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	3289757	29.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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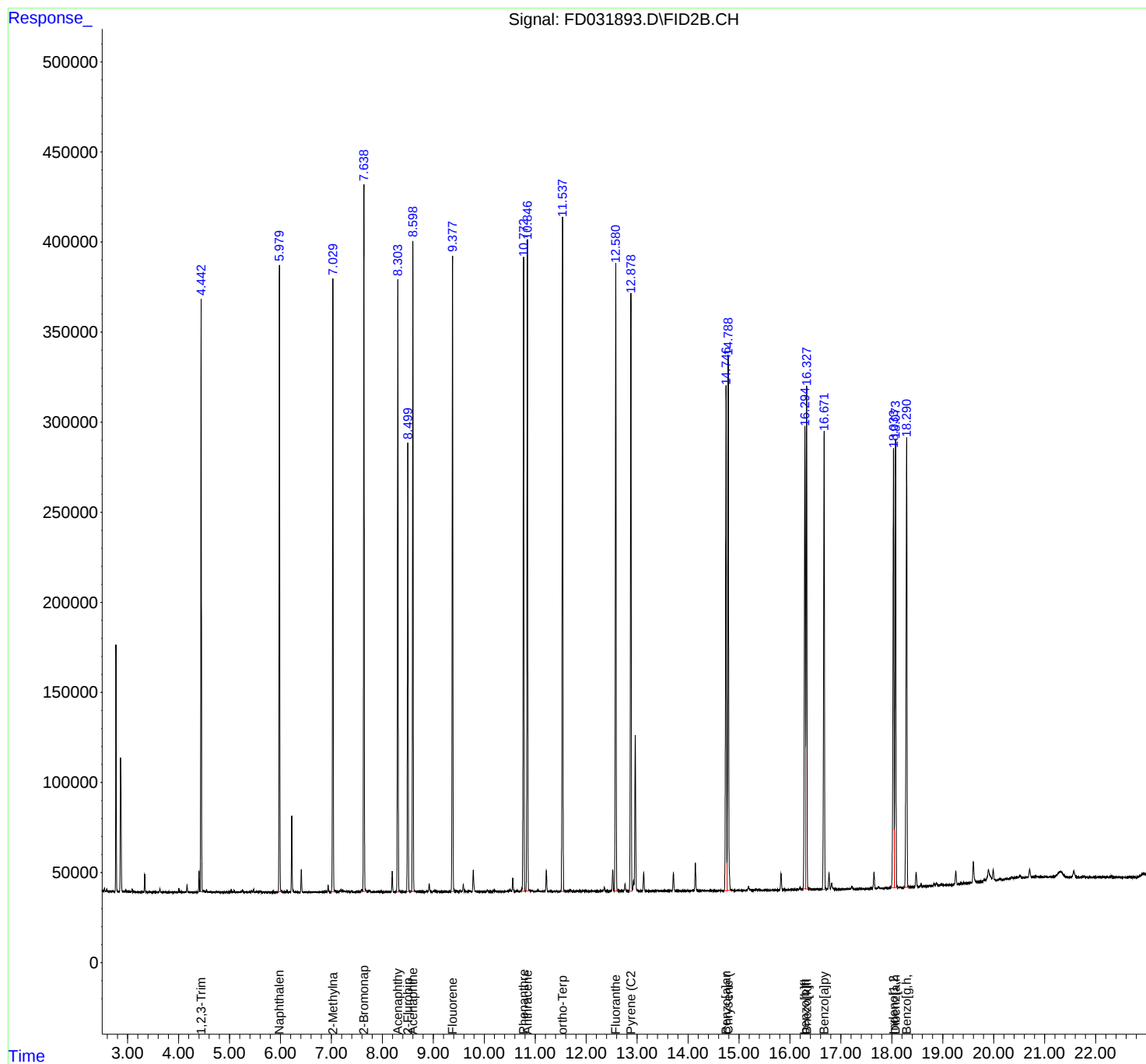
Instrument :
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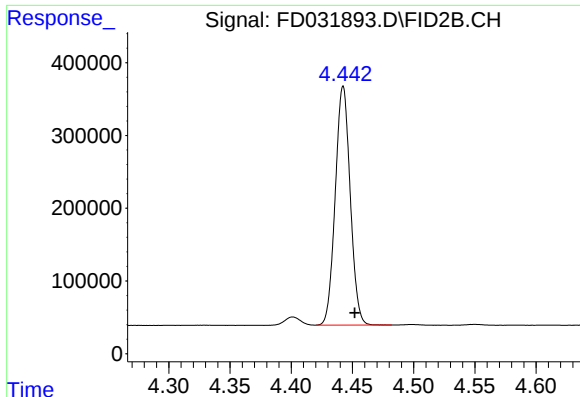
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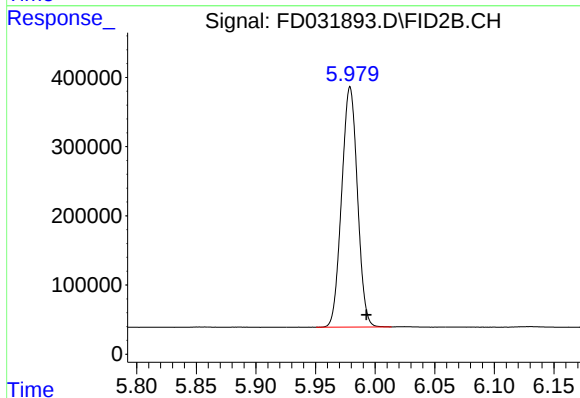
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 2790700
Conc: 22.08 ug/ml

Instrument :
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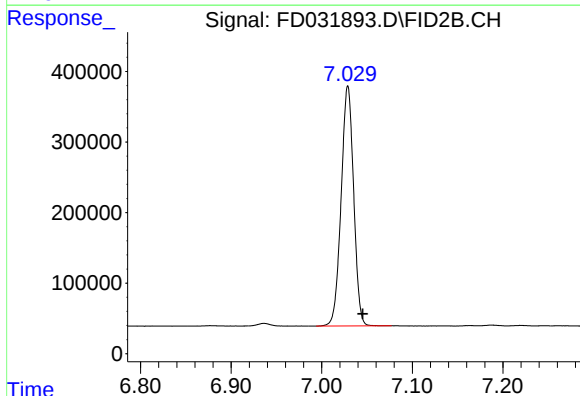
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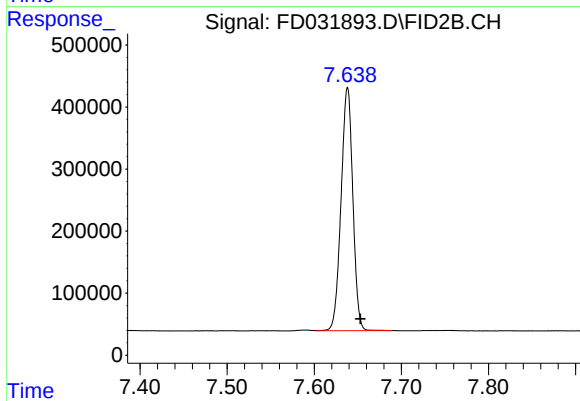
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.014 min
Response: 3199831
Conc: 23.73 ug/ml



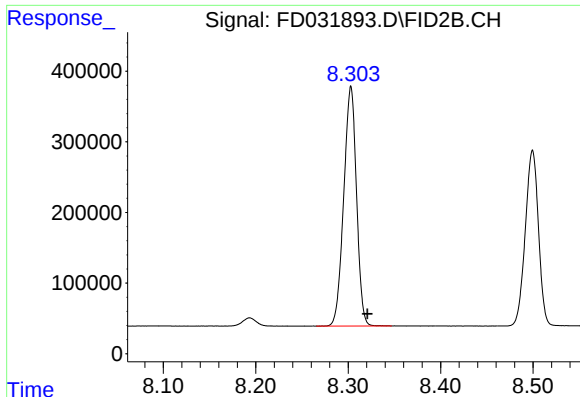
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.016 min
Response: 3260103
Conc: 24.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: -0.015 min
Response: 3686983
Conc: 29.81 ug/ml



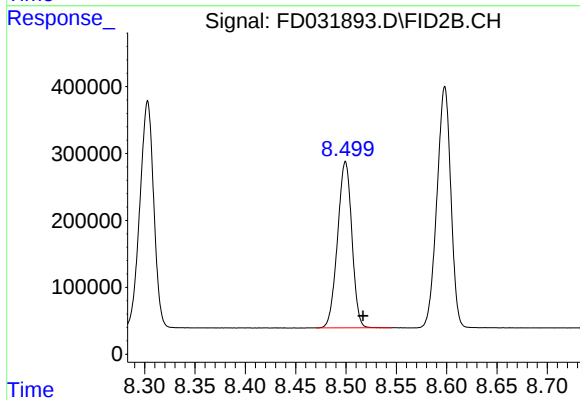
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 3251265
Conc: 24.94 ug/ml

Instrument :
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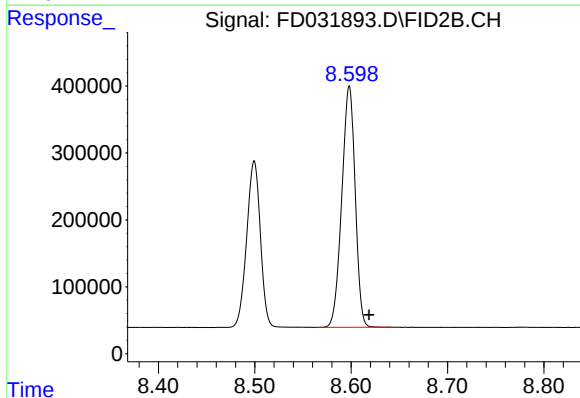
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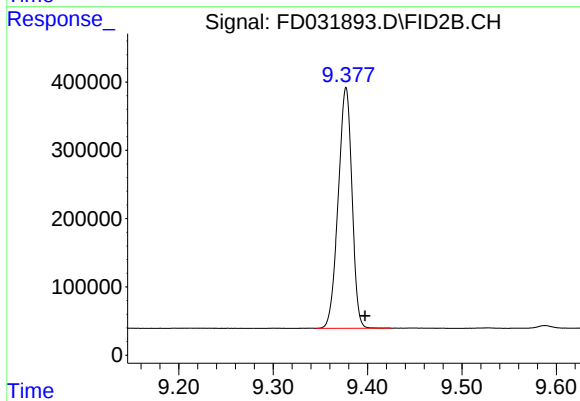
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 2457110
Conc: 28.81 ug/ml



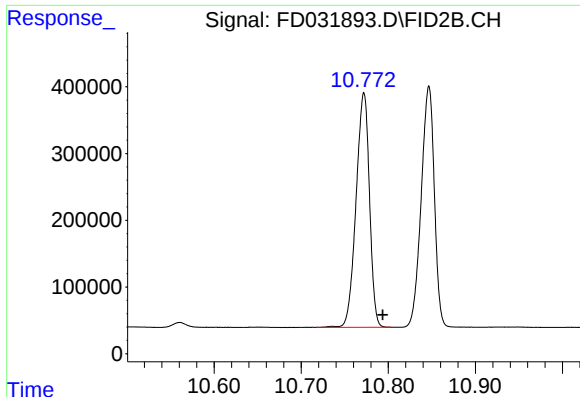
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.020 min
Response: 3467336
Conc: 25.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.020 min
Response: 3573085
Conc: 26.56 ug/ml



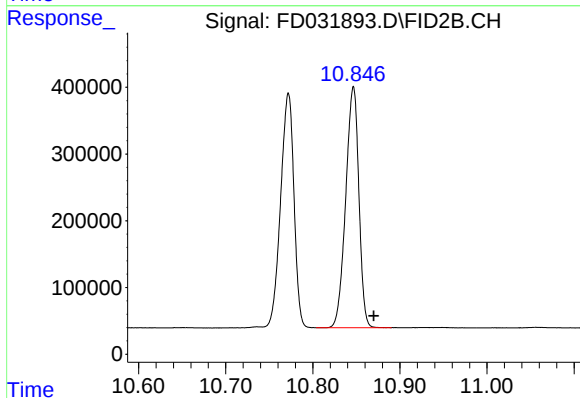
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.021 min
Response: 3754807
Conc: 27.84 ug/ml

Instrument :
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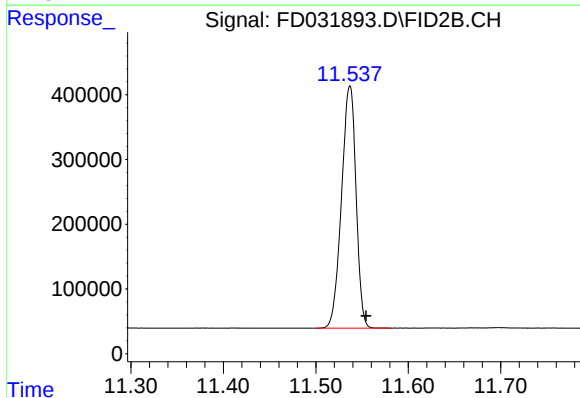
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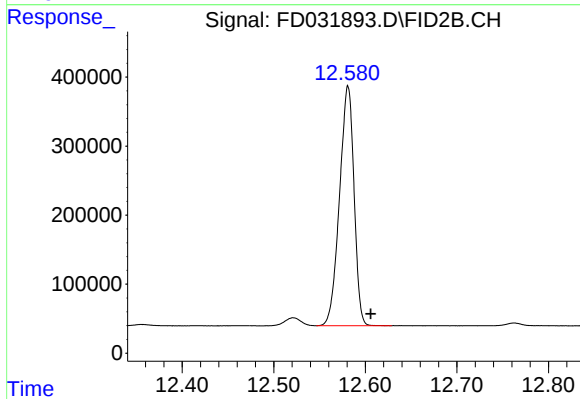
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.023 min
Response: 3786030
Conc: 28.38 ug/ml



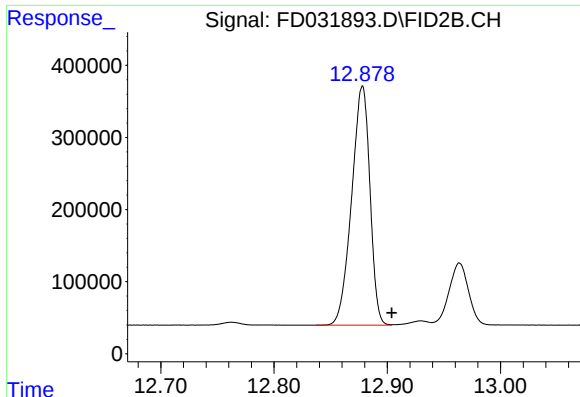
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.018 min
Response: 4086067
Conc: 30.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.025 min
Response: 3826062
Conc: 28.28 ug/ml



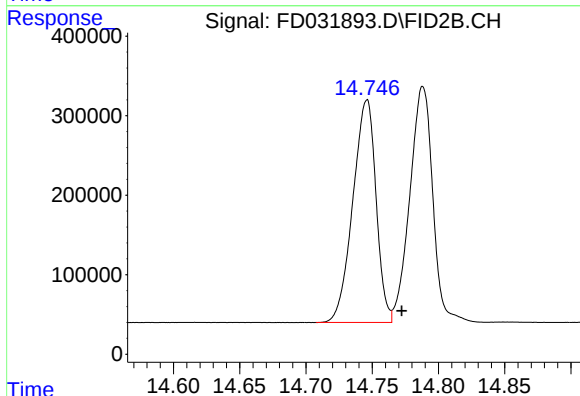
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.026 min
Response: 3722367
Conc: 27.77 ug/ml

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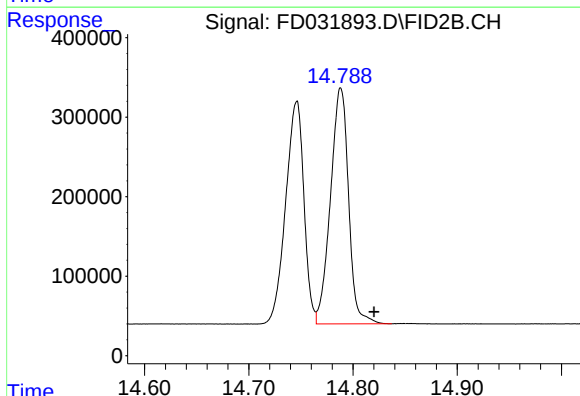
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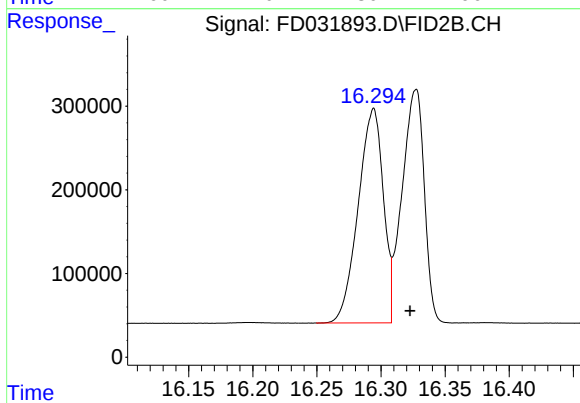
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.026 min
Response: 3419018
Conc: 26.84 ug/ml m



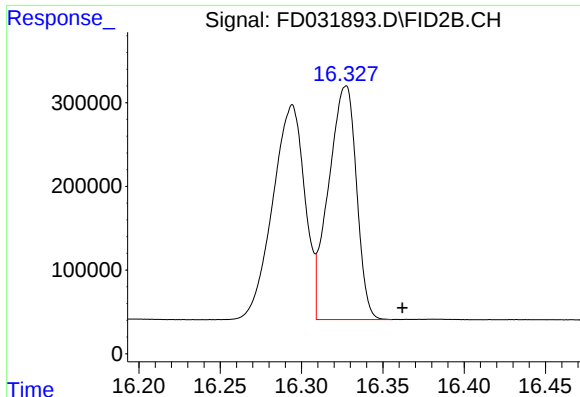
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: -0.032 min
Response: 3579362
Conc: 28.05 ug/ml



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

R.T.: 16.294 min
Delta R.T.: -0.029 min
Response: 3506224
Conc: 28.46 ug/ml m



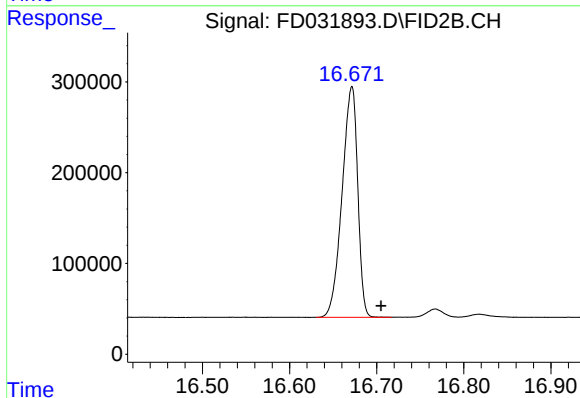
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.035 min
Response: 3336411
Conc: 27.44 ug/ml

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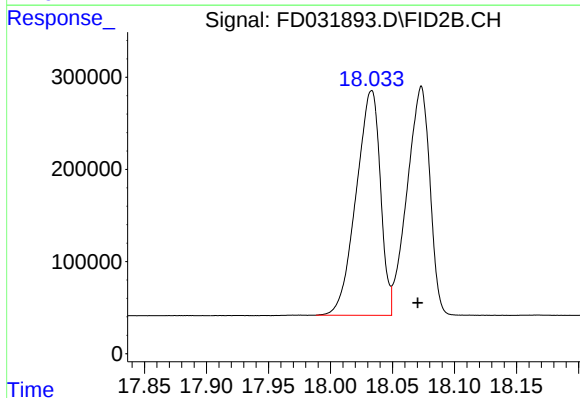
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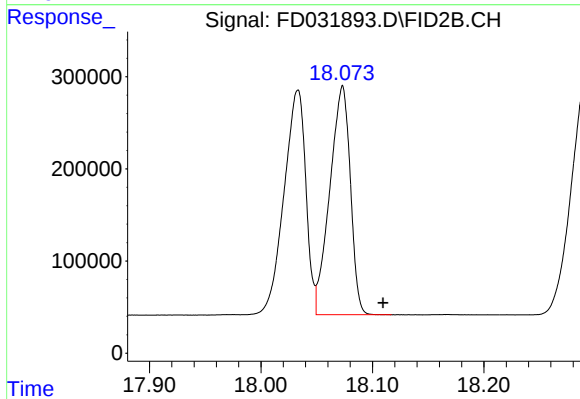
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.033 min
Response: 3169313
Conc: 26.44 ug/ml



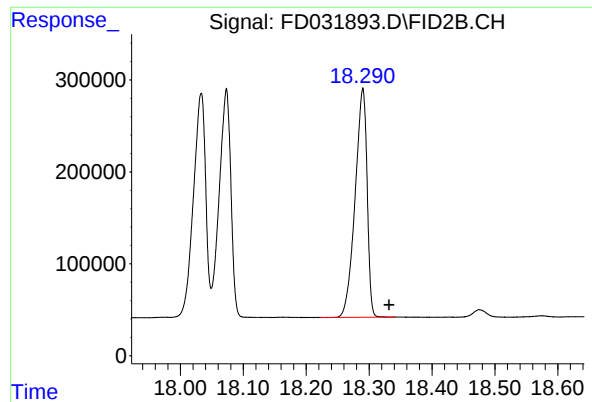
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.037 min
Response: 3326666
Conc: 28.94 ug/ml m



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

R.T.: 18.073 min
Delta R.T.: -0.036 min
Response: 3180535
Conc: 28.18 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.042 min
Response: 3289757
Conc: 29.03 ug/ml

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