

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122719AR\
 Data File : FD031915.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2019 14:06
 Operator : DD\AJ
 Sample : K6439-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LIED-BF001-01MSD

Manual Integrations
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 12/30/2019 1:57:42 PM

Integration File: autoint1.e
 Quant Time: Dec 28 00:22:13 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...	7.640	4093056	33.091 ug/ml
Spiked Amount 50.000		Recovery =	66.18%
6) S 2-Fluorobiphenyl (SURR)	8.501	2313903	27.128 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.26%
11) S ortho-Terphenyl (SURR)	11.537	3818907	28.864 ug/ml
Spiked Amount 50.000		Recovery =	57.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	3046660	24.108 ug/ml
2) T Naphthalene (C11.7)	5.980	3685402	27.330 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	3892100	28.921 ug/ml
5) T Acenaphthylene (C15.06)	8.305	3953391	30.329 ug/ml
7) T Acenaphthene (C15.5)	8.601	4174014	30.887 ug/ml
8) T Flouorene (C16.55)	9.379	4303198	31.992 ug/ml
9) T Phenanthrene (C19.36)	10.774	4456007	33.037 ug/ml
10) T Anthracene (C19.43)	10.849	4528863	33.952 ug/ml
12) T Fluoranthene (C21.85)	12.584	4597334	33.979 ug/ml
13) T Pyrene (C20.8)	12.881	4471030	33.358 ug/ml
14) T Benzo[a]anthracene (C...	14.749	4186026	32.858 ug/mlm
15) T Chrysene (C27.41)	14.792	4670525	36.607 ug/ml
16) T benzo[b]fluoranthene ...	16.296	4351163	35.320 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.331	4129985	33.971 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	3913023	32.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	4189038	36.438 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	3981637	35.273 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	4096382	36.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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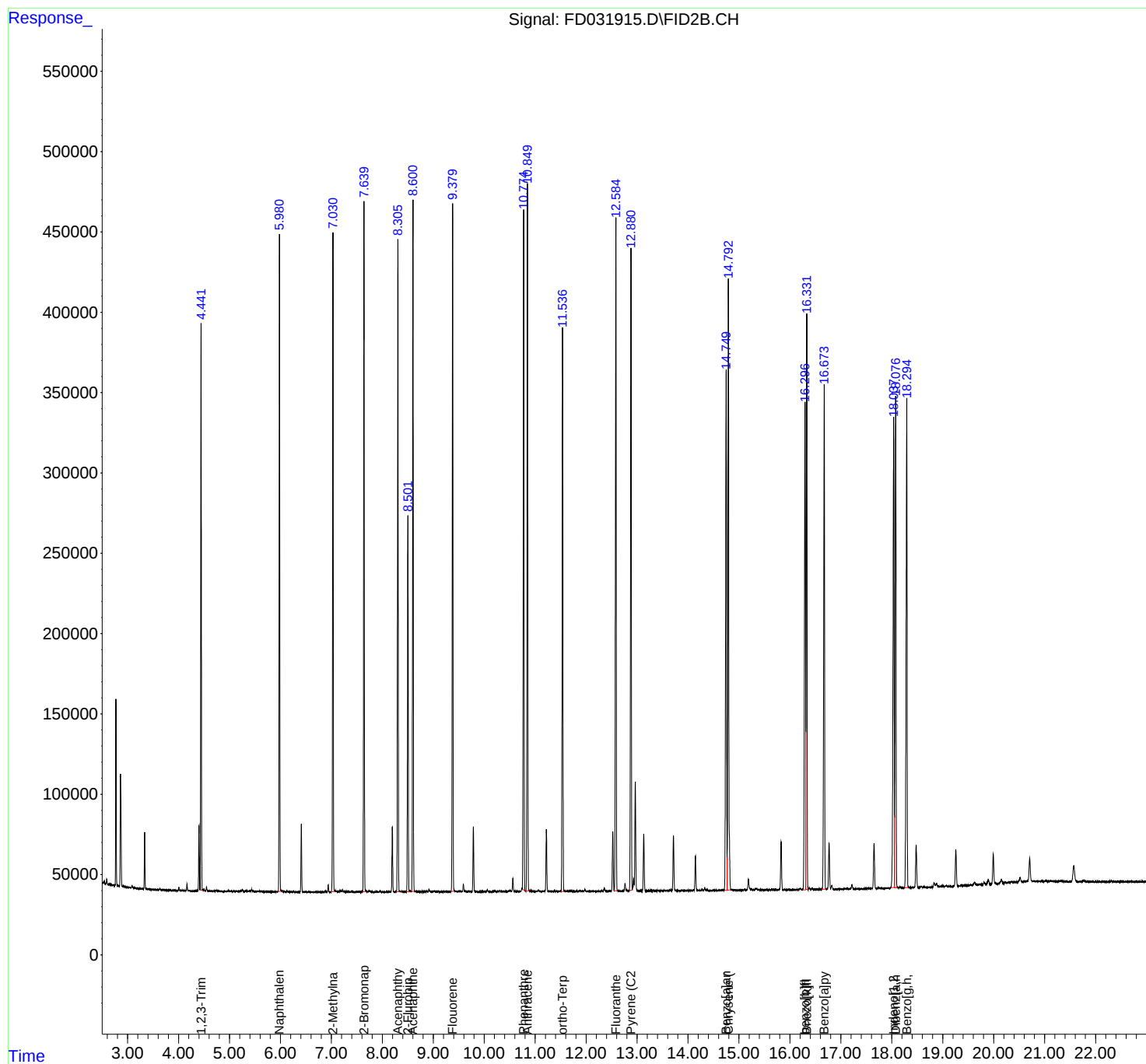
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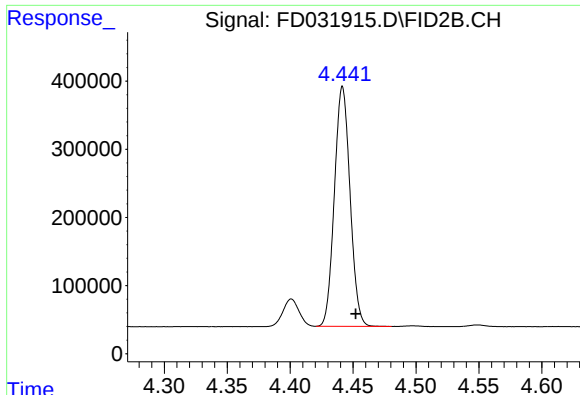
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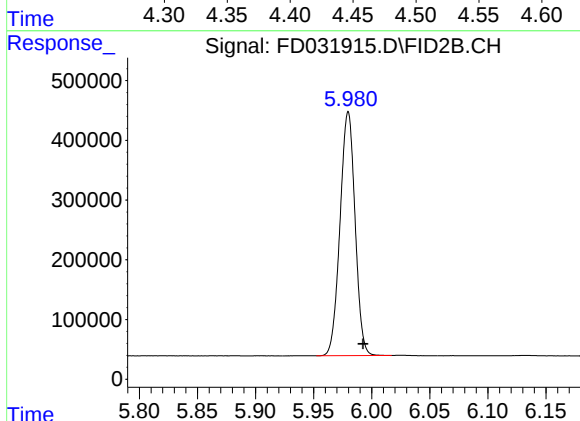
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 3046660
Conc: 24.11 ug/ml

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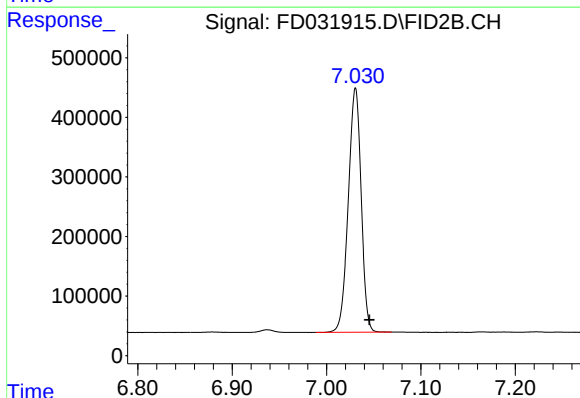
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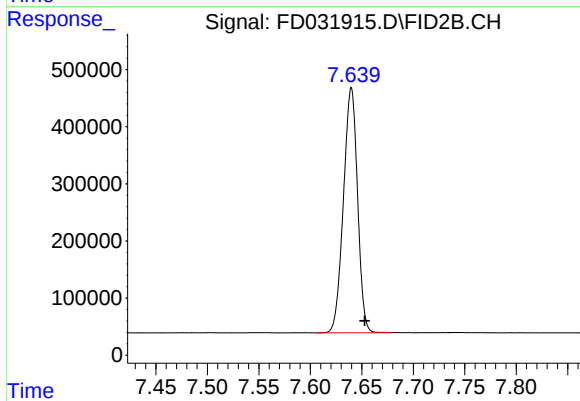
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.013 min
Response: 3685402
Conc: 27.33 ug/ml



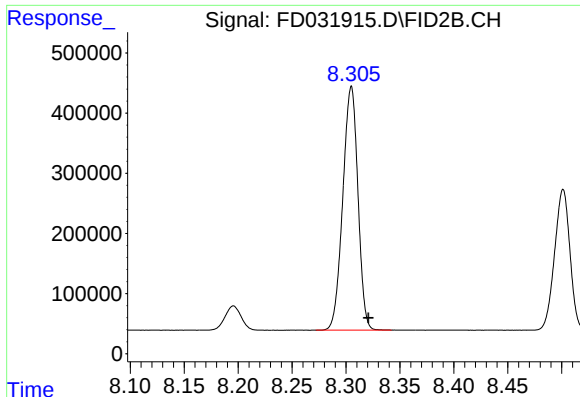
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.014 min
Response: 3892100
Conc: 28.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.013 min
Response: 4093056
Conc: 33.09 ug/ml



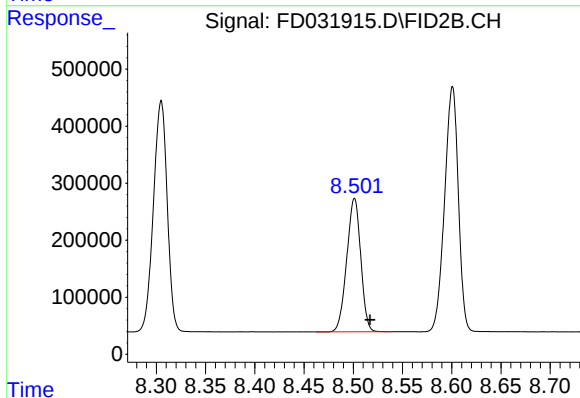
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.016 min
Response: 3953391
Conc: 30.33 ug/ml

Instrument :
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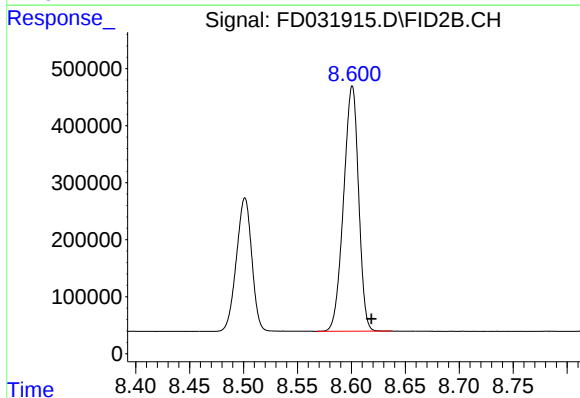
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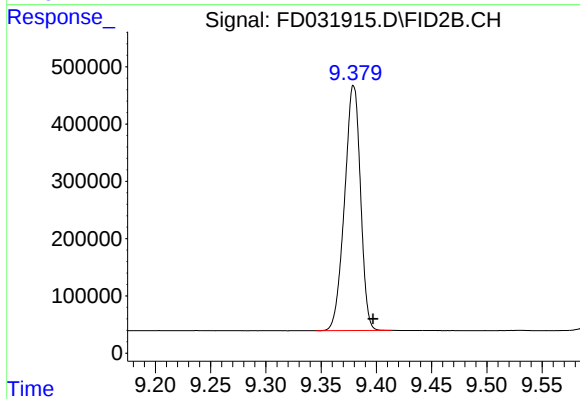
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.016 min
Response: 2313903
Conc: 27.13 ug/ml



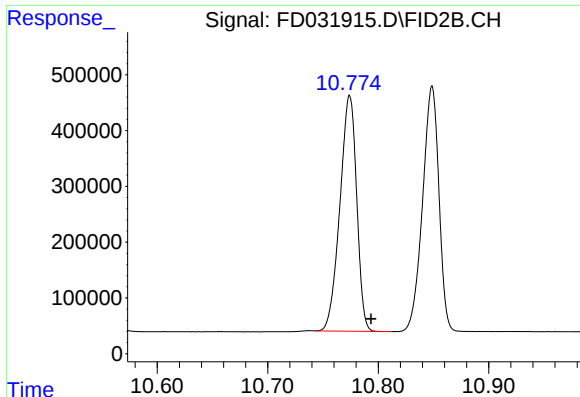
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.018 min
Response: 4174014
Conc: 30.89 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 4303198
Conc: 31.99 ug/ml



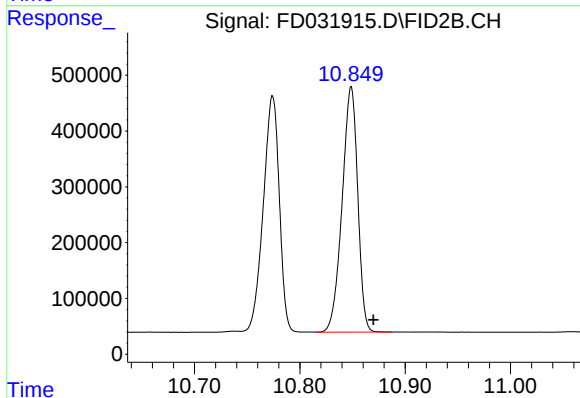
#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: -0.019 min
Response: 4456007
Conc: 33.04 ug/ml

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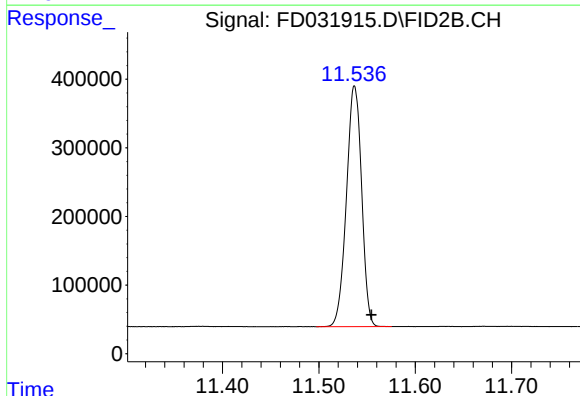
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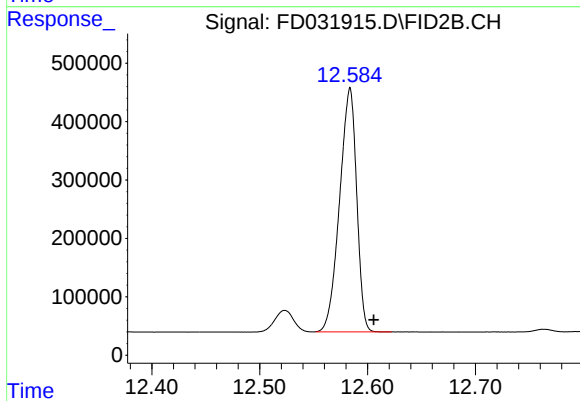
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: -0.021 min
Response: 4528863
Conc: 33.95 ug/ml



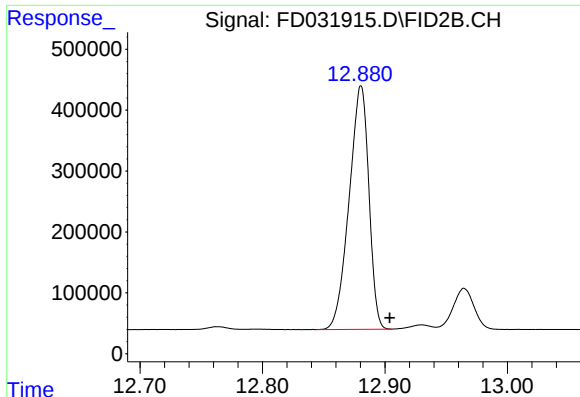
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.017 min
Response: 3818907
Conc: 28.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.022 min
Response: 4597334
Conc: 33.98 ug/ml



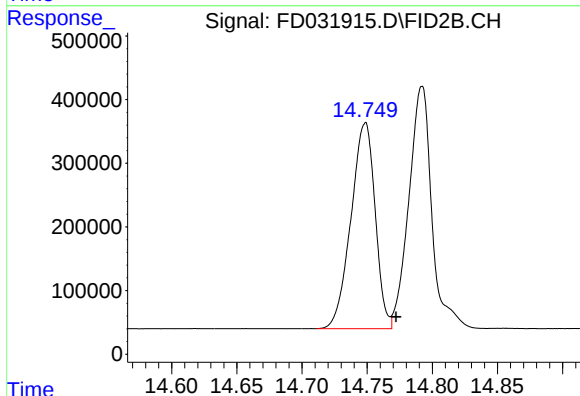
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: -0.023 min
Response: 4471030
Conc: 33.36 ug/ml

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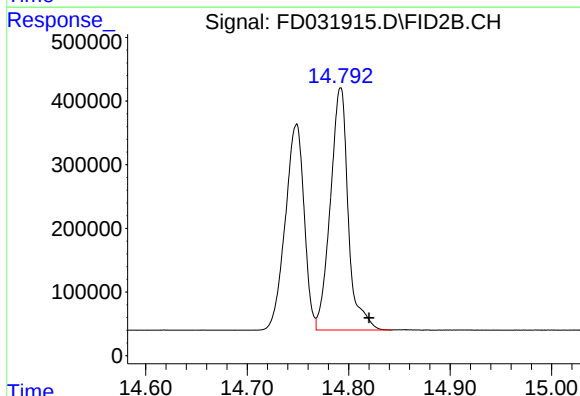
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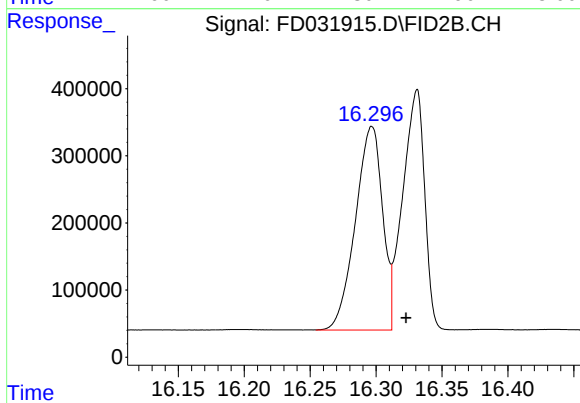
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: -0.023 min
Response: 4186026
Conc: 32.86 ug/ml m



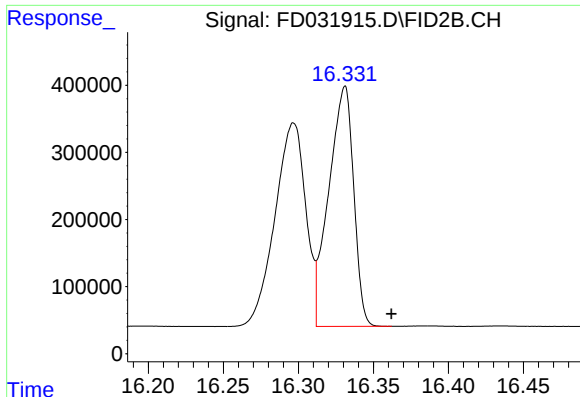
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: -0.028 min
Response: 4670525
Conc: 36.61 ug/ml



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

R.T.: 16.296 min
Delta R.T.: -0.027 min
Response: 4351163
Conc: 35.32 ug/ml m



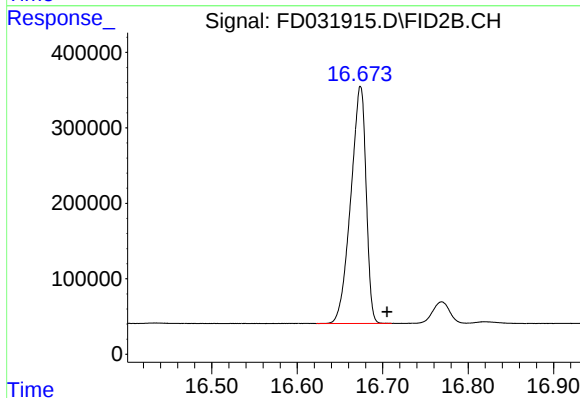
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: -0.031 min
Response: 4129985
Conc: 33.97 ug/ml

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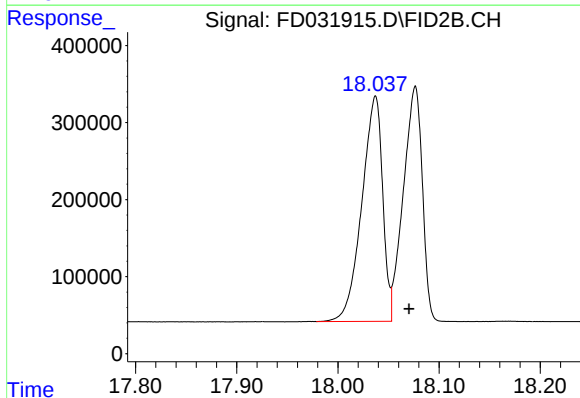
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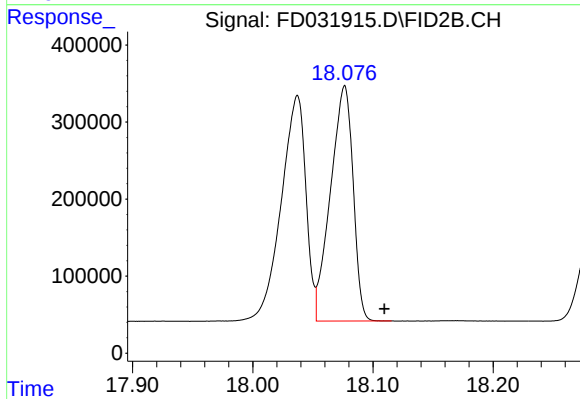
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.031 min
Response: 3913023
Conc: 32.65 ug/ml



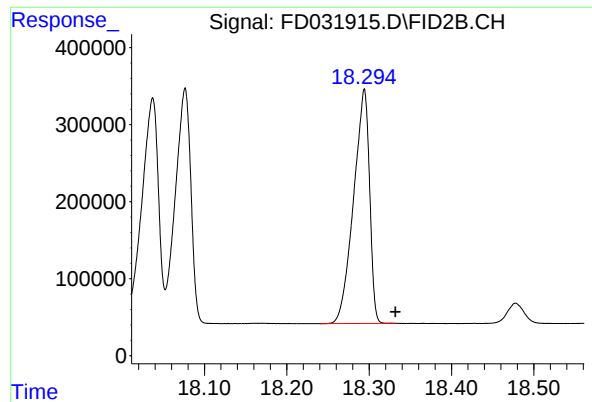
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: -0.034 min
Response: 4189038
Conc: 36.44 ug/ml m



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

R.T.: 18.076 min
Delta R.T.: -0.033 min
Response: 3981637
Conc: 35.27 ug/ml



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

R.T.: 18.294 min
Delta R.T.: -0.038 min
Response: 4096382
Conc: 36.15 ug/ml

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