

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033470.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 15:08
 Operator : DD\AJ
 Sample : L2182-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
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 5/13/2020 5:03:03 PM

Integration File: sample.E
 Quant Time: May 13 04:10:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.585	5296814	48.164 ug/ml
Spiked Amount 50.000		Recovery =	96.33%
6) S 2-Fluorobiphenyl (SURR)	8.447	3692319	49.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.45%
11) S ortho-Terphenyl (SURR)	11.479	5756826	44.611 ug/ml
Spiked Amount 50.000		Recovery =	89.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	465896	4.094 ug/mlm
2) T Naphthalene (C11.7)	5.929	513735	4.359 ug/mlm
3) T 2-Methylnaphthalene (...)	6.978	528052	4.434 ug/mlm
5) T Acenaphthylene (C15.06)	8.249	536410	4.444 ug/mlm
7) T Acenaphthene (C15.5)	8.542	631009	4.999 ug/mlm
8) T Fluorene (C16.55)	9.324	536568	4.381 ug/mlm
9) T Phenanthrene (C19.36)	10.717	549734	4.349 ug/mlm
10) T Anthracene (C19.43)	10.793	573945	4.717 ug/mlm
12) T Fluoranthene (C21.85)	12.526	595920	4.599 ug/mlm
13) T Pyrene (C20.8)	12.822	582847	4.512 ug/mlm
14) T Benzo[a]anthracene (C...	14.694	519231	4.250 ug/mlm
15) T Chrysene (C27.41)	14.736	705278	5.477 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	546590	4.393 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	585693	4.549 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.630	488252	3.953 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.997	468379	3.948 ug/mlm
20) T Dibenz[a,h]anthracene...	18.034	589933	4.772 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.248	544796	4.515 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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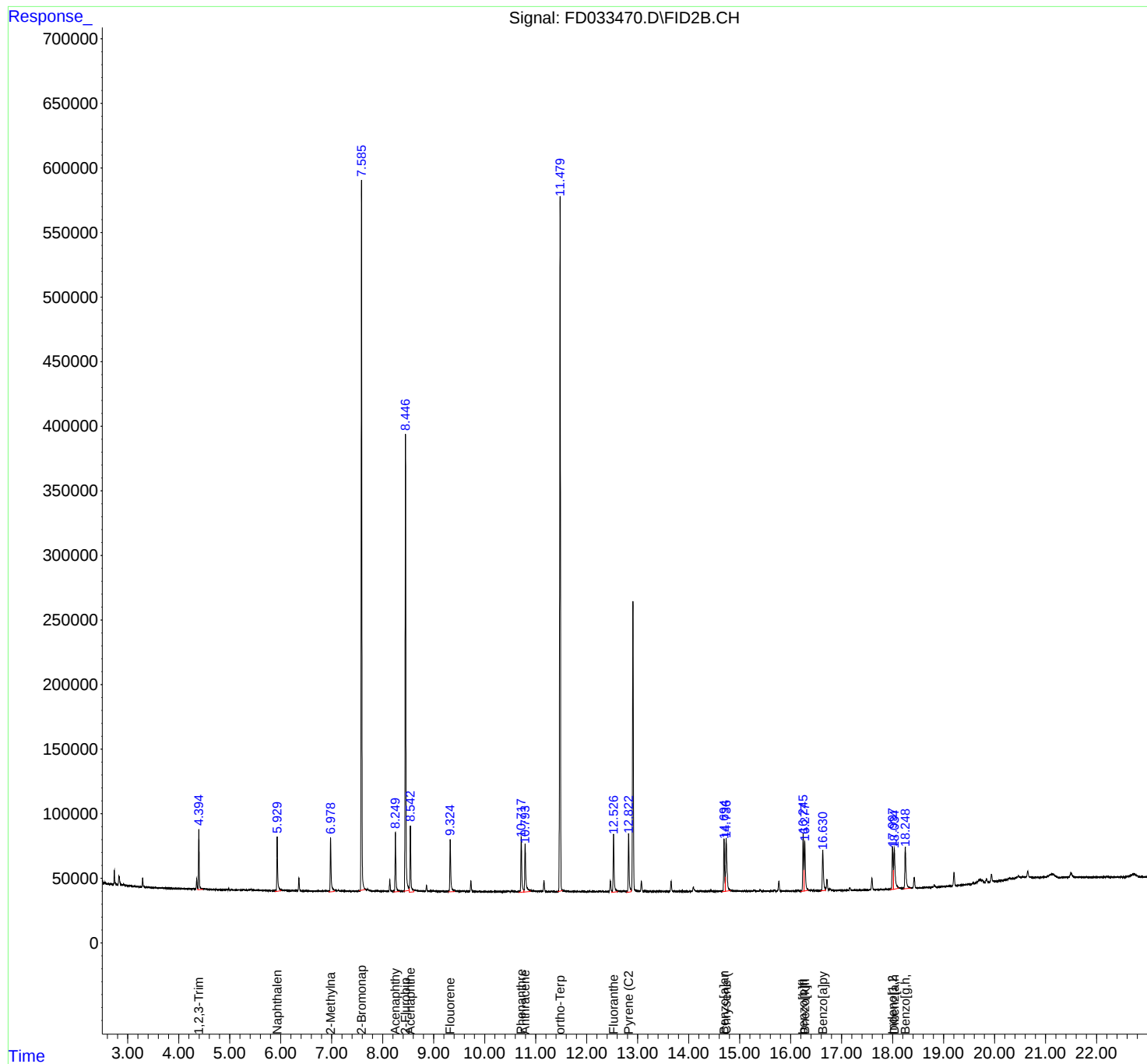
Instrument :
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LOQ-WATER-02-QT2-2020

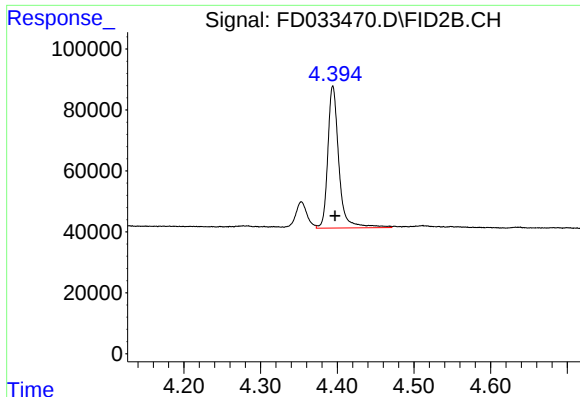
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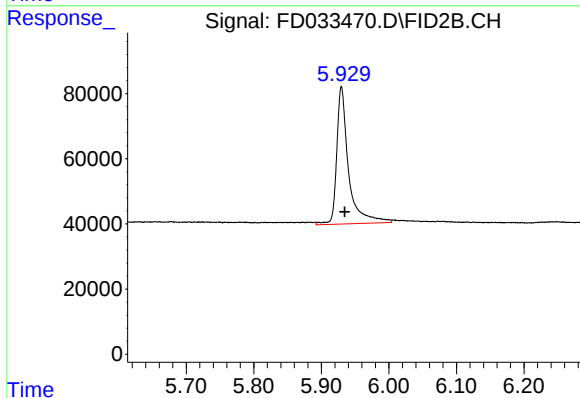
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 465896
Conc: 4.09 ug/ml m

Instrument :
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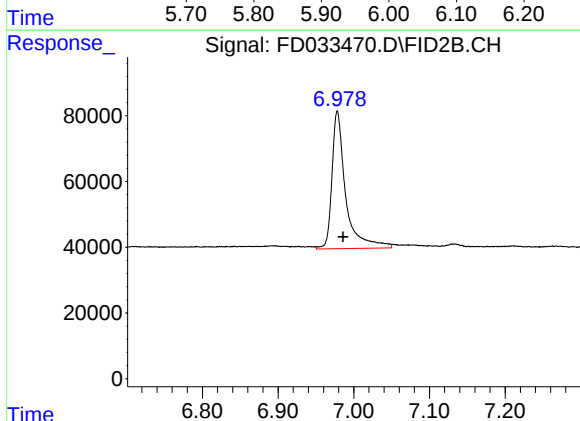
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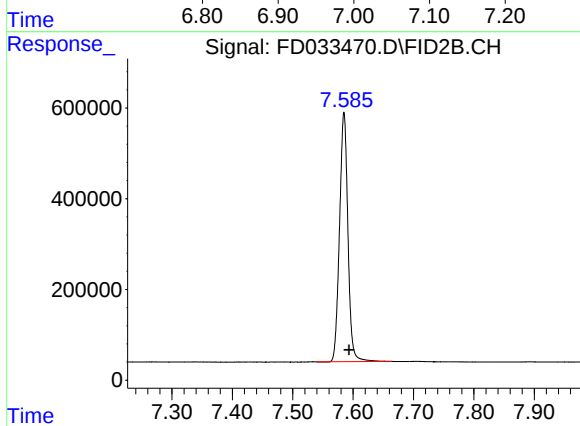
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 513735
Conc: 4.36 ug/ml m



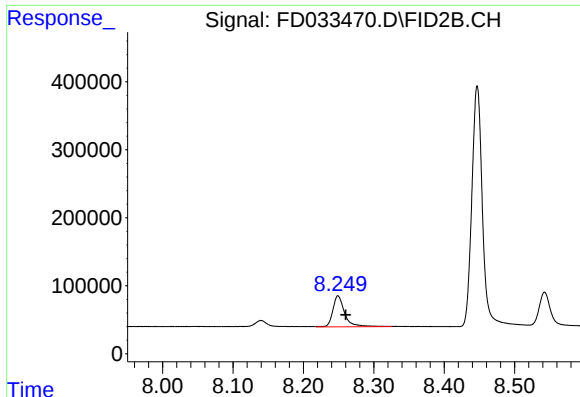
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.008 min
Response: 528052
Conc: 4.43 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5296814
Conc: 48.16 ug/ml



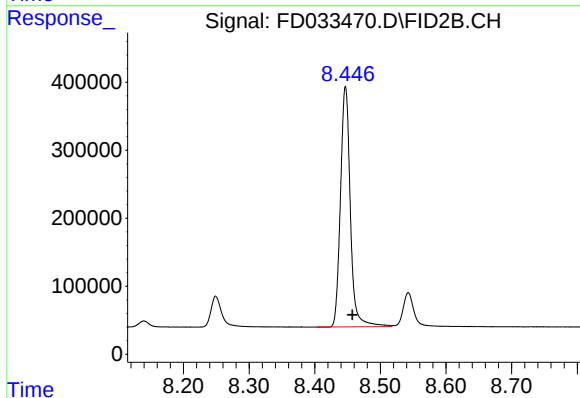
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: -0.012 min
Response: 536410
Conc: 4.44 ug/ml m

Instrument :
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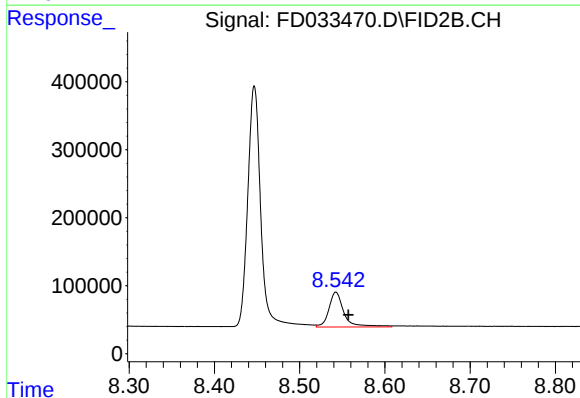
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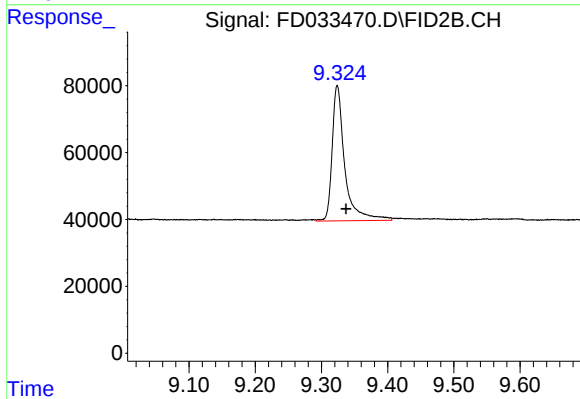
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 3692319
Conc: 49.73 ug/ml



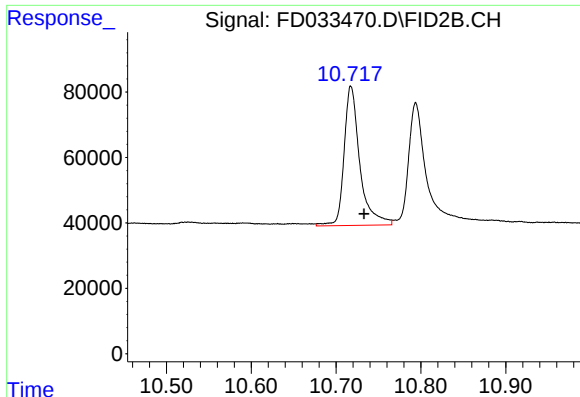
#7 Acenaphthene (C15.5)

R.T.: 8.542 min
Delta R.T.: -0.015 min
Response: 631009
Conc: 5.00 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.014 min
Response: 536568
Conc: 4.38 ug/ml m



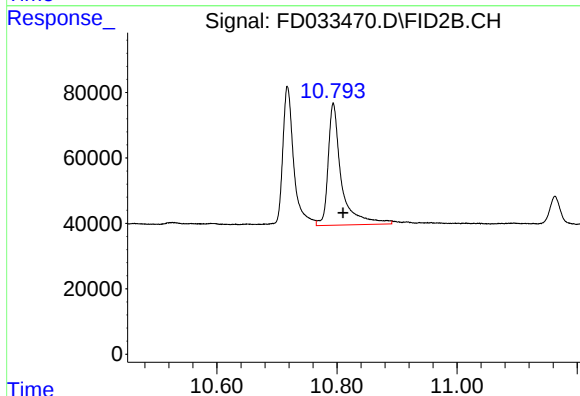
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.017 min
Response: 549734
Conc: 4.35 ug/ml m

Instrument :
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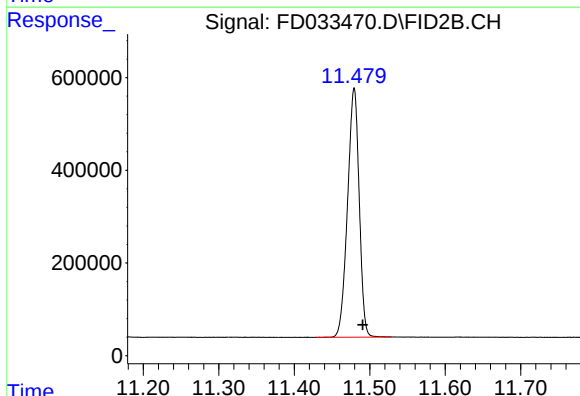
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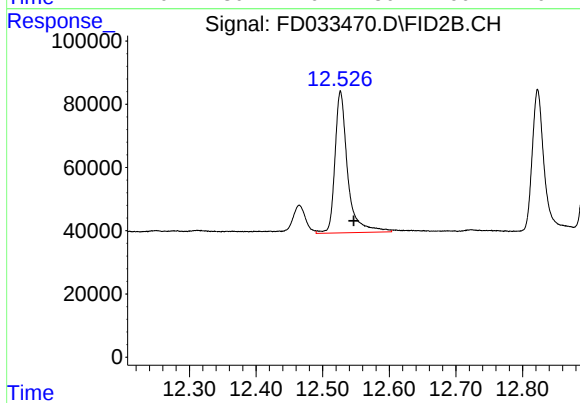
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: -0.017 min
Response: 573945
Conc: 4.72 ug/ml m



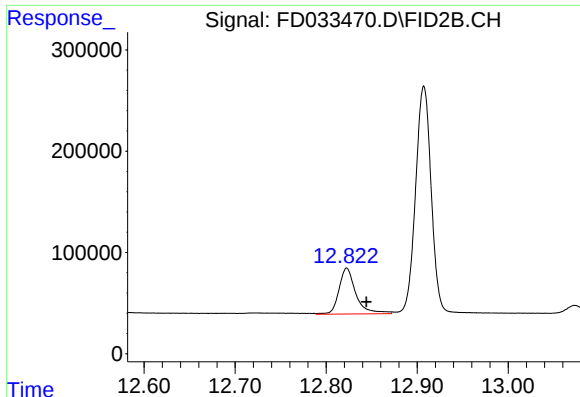
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5756826
Conc: 44.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.020 min
Response: 595920
Conc: 4.60 ug/ml m



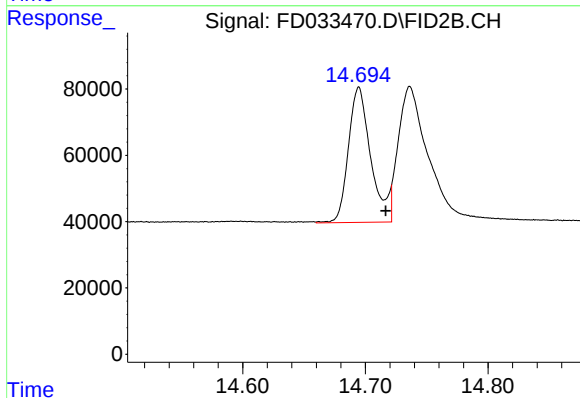
#13 Pyrene (C20.8)

R.T.: 12.822 min
Delta R.T.: -0.022 min
Response: 582847
Conc: 4.51 ug/ml m

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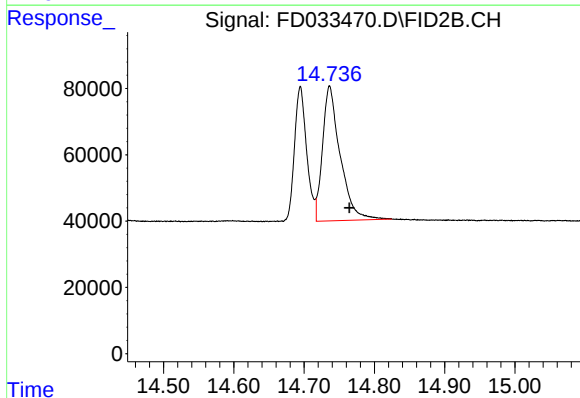
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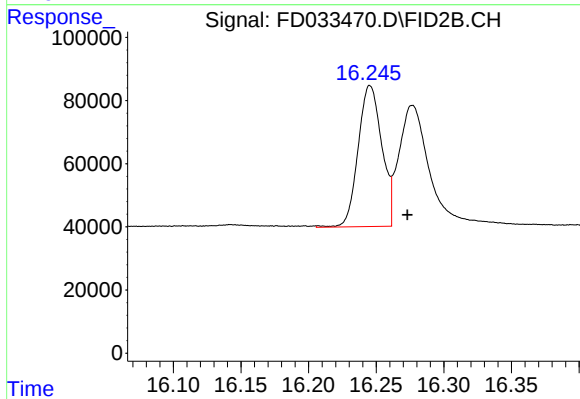
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.694 min
Delta R.T.: -0.022 min
Response: 519231
Conc: 4.25 ug/ml m



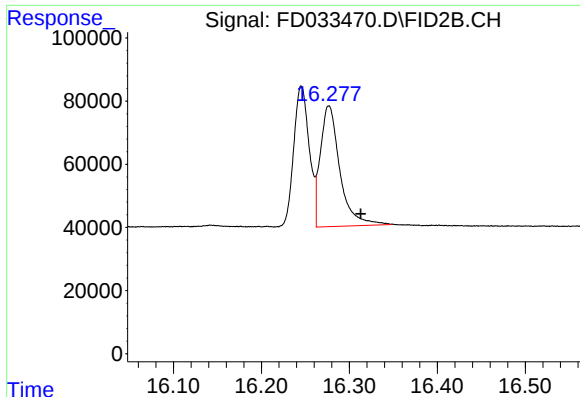
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: -0.029 min
Response: 705278
Conc: 5.48 ug/ml m



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

R.T.: 16.245 min
Delta R.T.: -0.028 min
Response: 546590
Conc: 4.39 ug/ml m



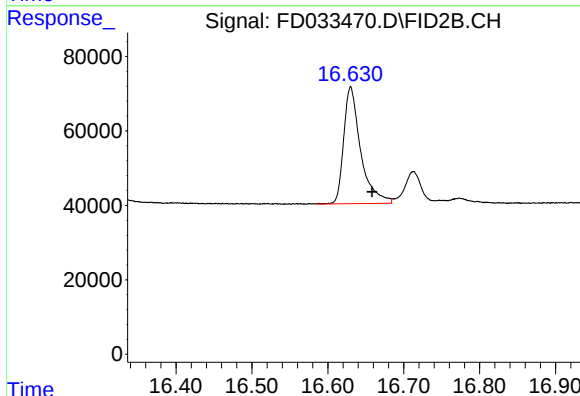
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.036 min
Response: 585693
Conc: 4.55 ug/ml m

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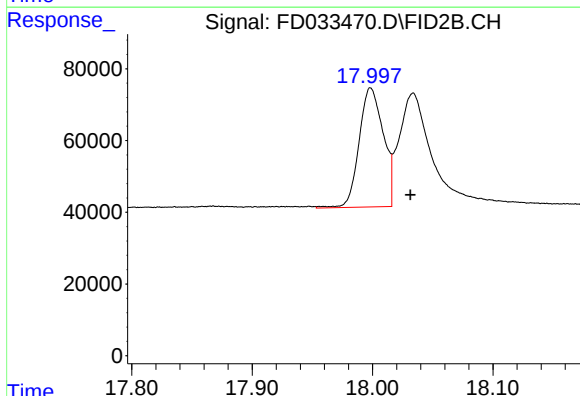
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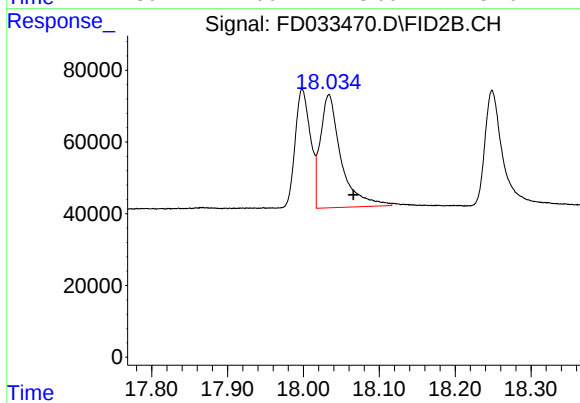
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.029 min
Response: 488252
Conc: 3.95 ug/ml m



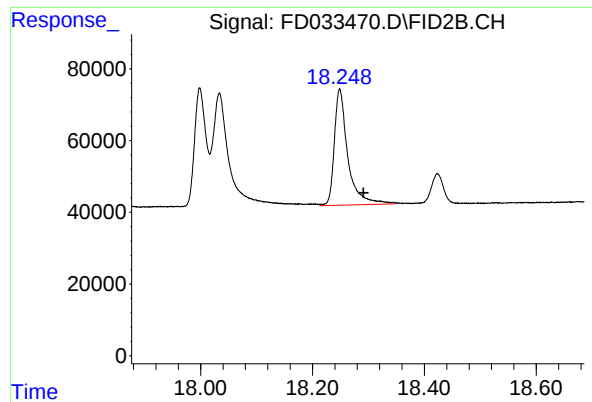
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.997 min
Delta R.T.: -0.034 min
Response: 468379
Conc: 3.95 ug/ml m



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

R.T.: 18.034 min
Delta R.T.: -0.032 min
Response: 589933
Conc: 4.77 ug/ml m



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

R.T.: 18.248 min
Delta R.T.: -0.043 min
Response: 544796
Conc: 4.52 ug/ml m

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