

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033469.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 14:31
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-WATER-4 PPM
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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 5/13/2020 5:03:01 PM

Integration File: sample.E
 Quant Time: May 13 04:09:42 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	4961284	45.113 ug/ml
Spiked Amount 50.000		Recovery =	90.23%
6) S 2-Fluorobiphenyl (SURR)	8.447	3383340	45.564 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.13%
11) S ortho-Terphenyl (SURR)	11.479	5233455	40.556 ug/ml
Spiked Amount 50.000		Recovery =	81.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	356380	3.132 ug/mlm
2) T Naphthalene (C11.7)	5.930	395758	3.358 ug/mlm
3) T 2-Methylnaphthalene (...)	6.979	395939	3.325 ug/mlm
5) T Acenaphthylene (C15.06)	8.249	410474	3.400 ug/mlm
7) T Acenaphthene (C15.5)	8.542	466872	3.699 ug/mlm
8) T Flouorene (C16.55)	9.324	438484	3.580 ug/mlm
9) T Phenanthrene (C19.36)	10.718	411164	3.253 ug/mlm
10) T Anthracene (C19.43)	10.794	389811	3.204 ug/mlm
12) T Fluoranthene (C21.85)	12.526	447723	3.455 ug/mlm
13) T Pyrene (C20.8)	12.823	435127	3.368 ug/mlm
14) T Benzo[a]anthracene (C...	14.695	370504	3.033 ug/mlm
15) T Chrysene (C27.41)	14.737	558661	4.338 ug/mlm
16) T benzo[b]fluoranthene ...	16.247	414916	3.335 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.278	422953	3.285 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.631	372898	3.019 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.000	379549	3.199 ug/mlm
20) T Dibenz[a,h]anthracene...	18.035	448853	3.631 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.250	402189	3.333 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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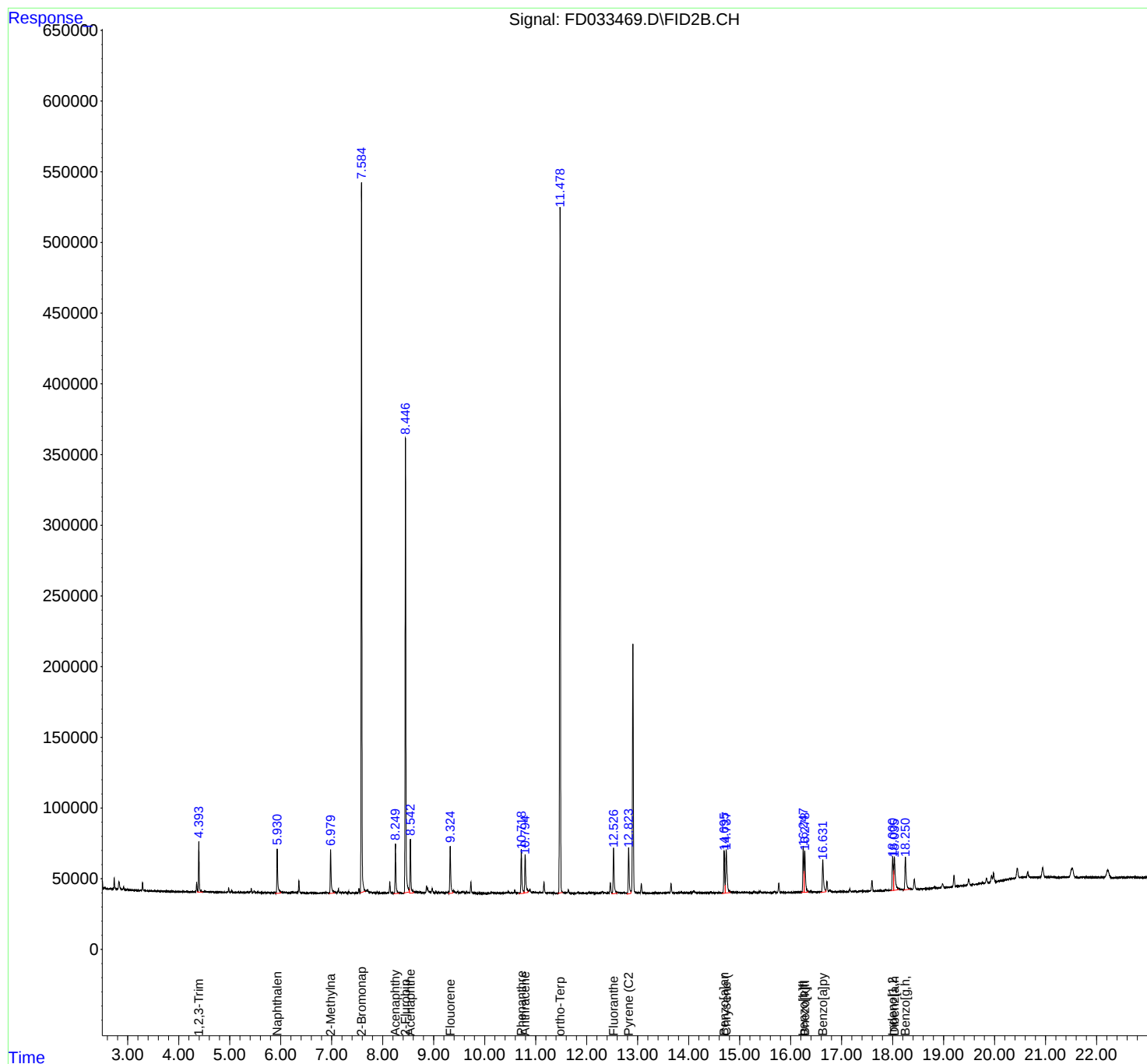
Instrument :
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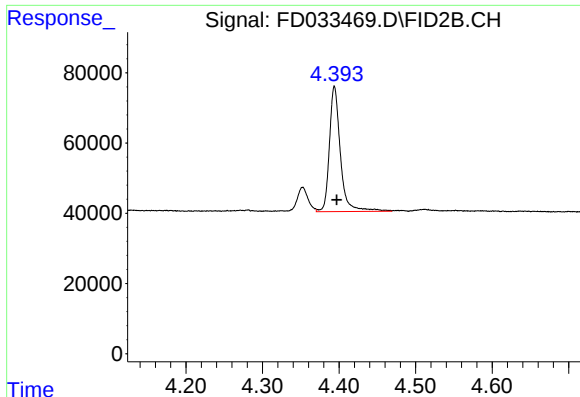
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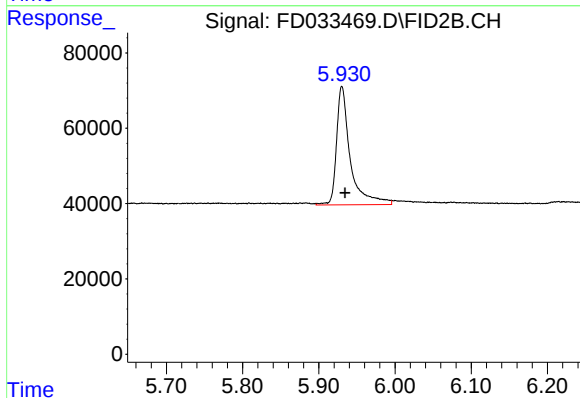
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 356380
Conc: 3.13 ug/ml m

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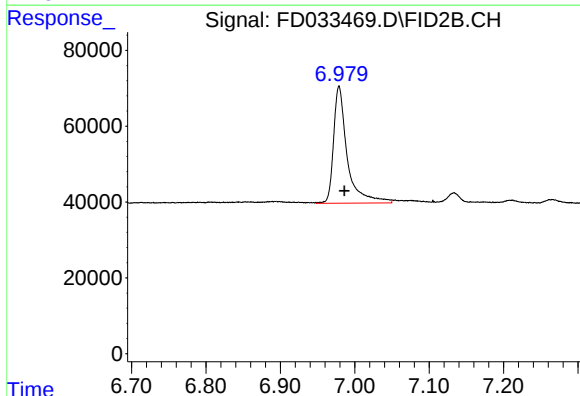
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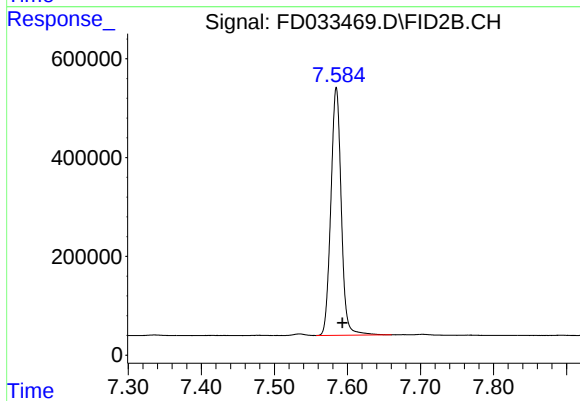
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 395758
Conc: 3.36 ug/ml m



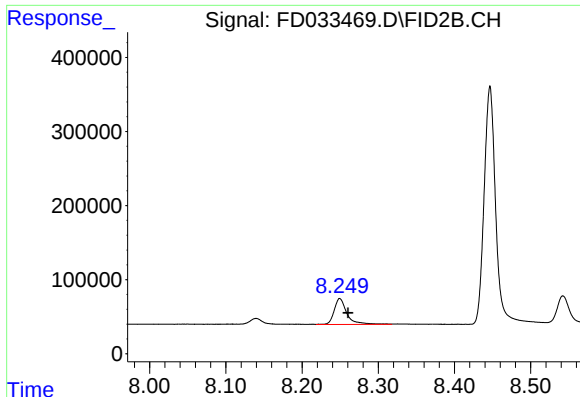
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.007 min
Response: 395939
Conc: 3.32 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4961284
Conc: 45.11 ug/ml



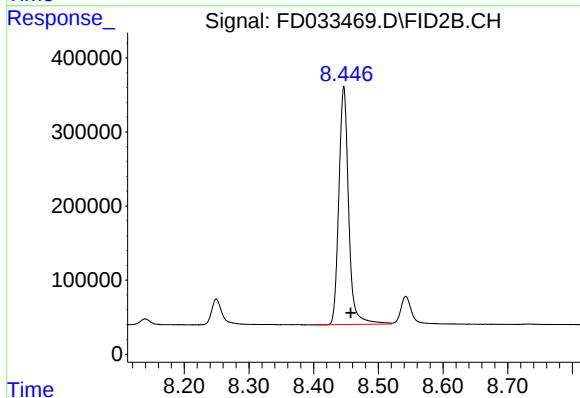
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: -0.011 min
Response: 410474
Conc: 3.40 ug/ml m

Instrument :
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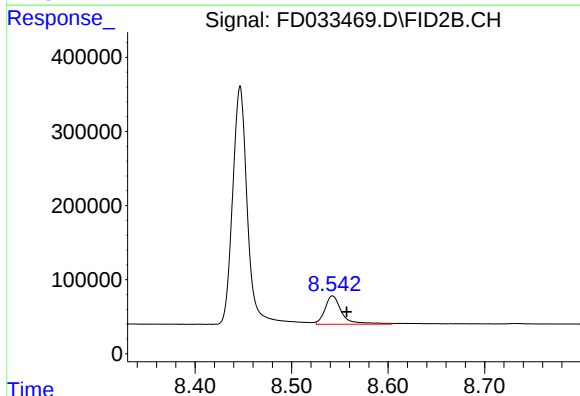
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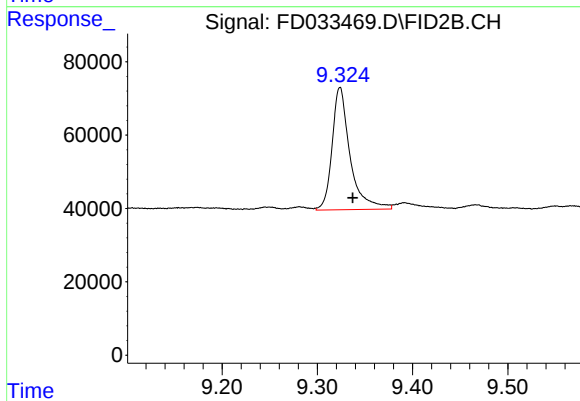
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.011 min
Response: 3383340
Conc: 45.56 ug/ml



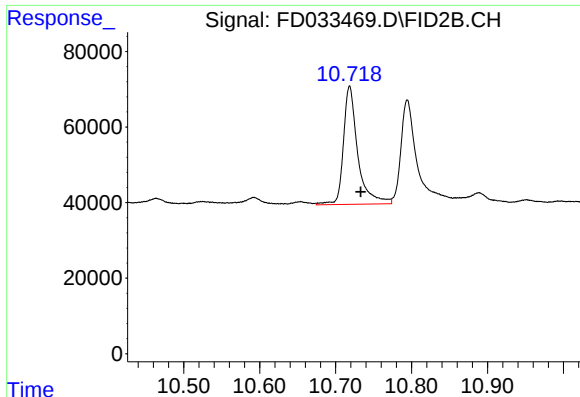
#7 Acenaphthene (C15.5)

R.T.: 8.542 min
Delta R.T.: -0.016 min
Response: 466872
Conc: 3.70 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.324 min
Delta R.T.: -0.013 min
Response: 438484
Conc: 3.58 ug/ml m



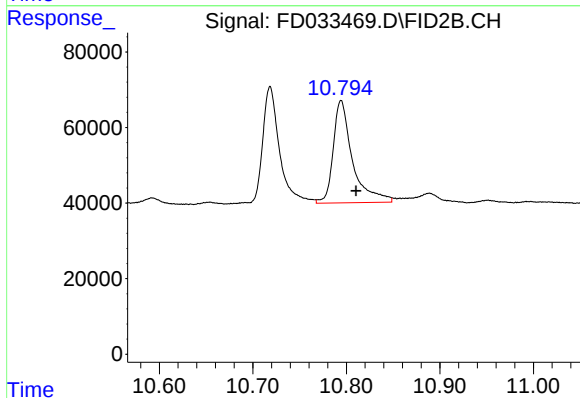
#9 Phenanthrene (C19.36)

R.T.: 10.718 min
Delta R.T.: -0.015 min
Response: 411164
Conc: 3.25 ug/ml m

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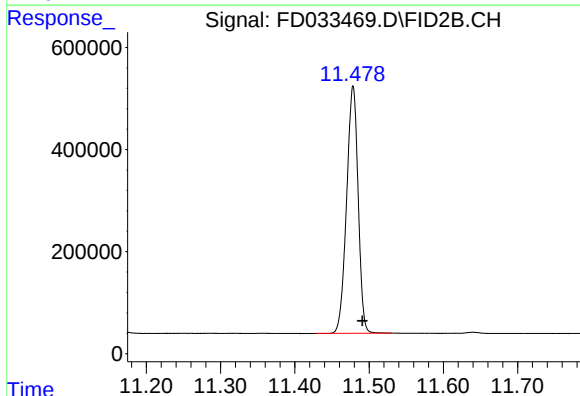
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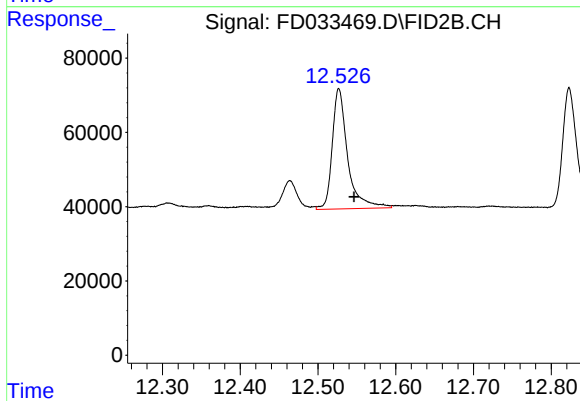
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.016 min
Response: 389811
Conc: 3.20 ug/ml m



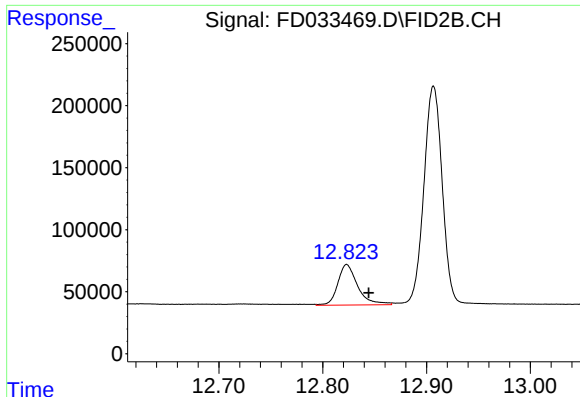
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5233455
Conc: 40.56 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.020 min
Response: 447723
Conc: 3.46 ug/ml m



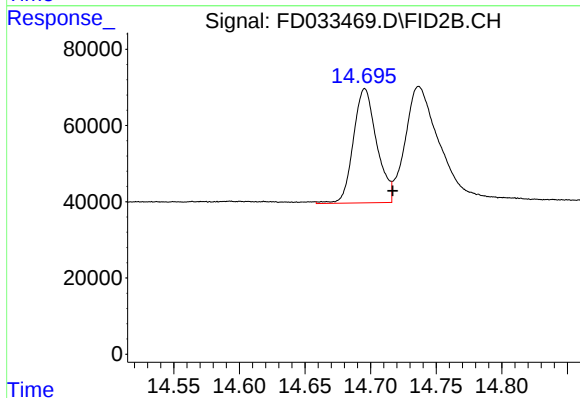
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.022 min
Response: 435127
Conc: 3.37 ug/ml m

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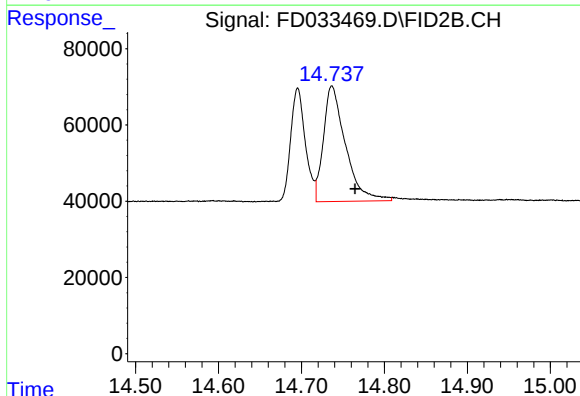
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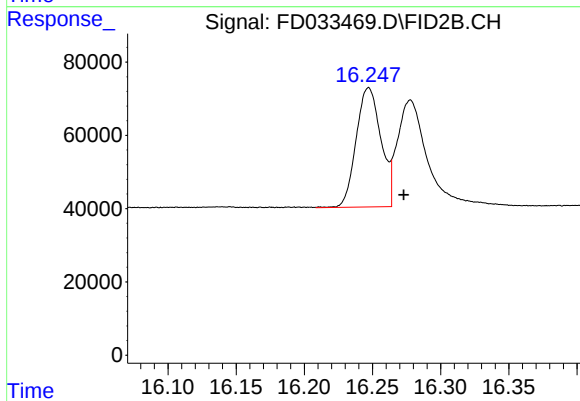
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.022 min
Response: 370504
Conc: 3.03 ug/ml m



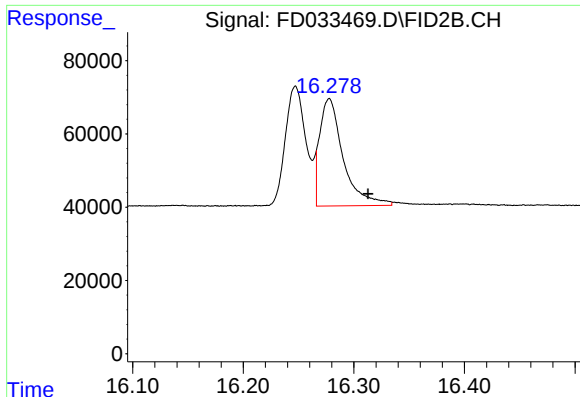
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.028 min
Response: 558661
Conc: 4.34 ug/ml m



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

R.T.: 16.247 min
Delta R.T.: -0.026 min
Response: 414916
Conc: 3.33 ug/ml m



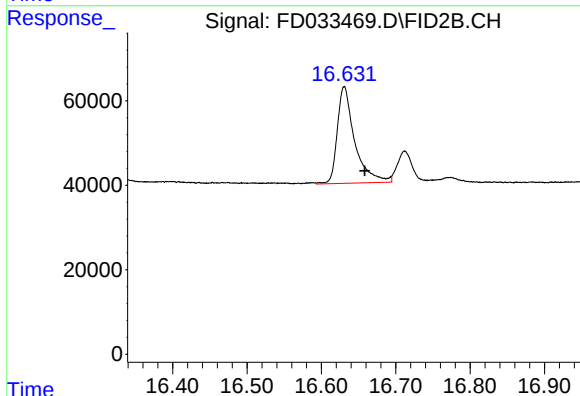
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min
Delta R.T.: -0.035 min
Response: 422953
Conc: 3.28 ug/ml m

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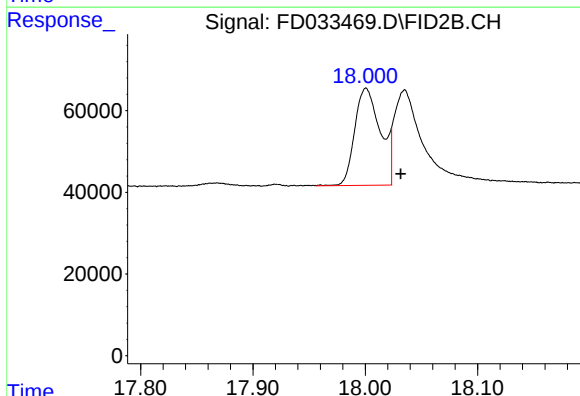
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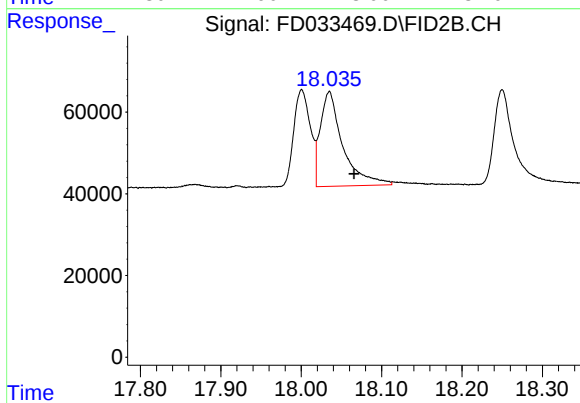
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.027 min
Response: 372898
Conc: 3.02 ug/ml m



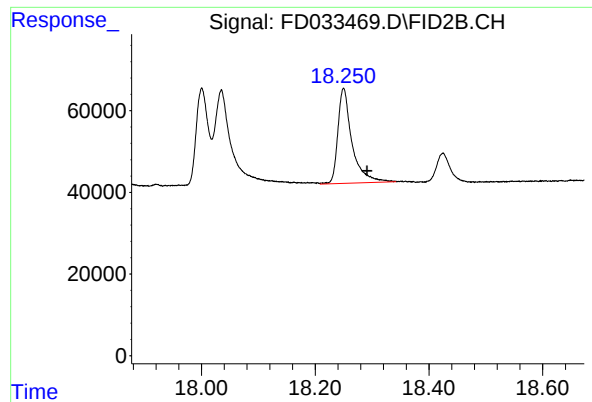
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.000 min
Delta R.T.: -0.031 min
Response: 379549
Conc: 3.20 ug/ml m



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

R.T.: 18.035 min
Delta R.T.: -0.031 min
Response: 448853
Conc: 3.63 ug/ml m



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

R.T.: 18.250 min
Delta R.T.: -0.042 min
Response: 402189
Conc: 3.33 ug/ml m

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