

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102820AR\
 Data File : FD035183.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2020 13:58
 Operator : DD\AJ
 Sample : L4214-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2020

Manual Integrations
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 10/29/2020 12:01:13 PM

Integration File: autoint1.e
 Quant Time: Oct 29 02:23:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.645	5778656	50.133 ug/ml
Spiked Amount 50.000		Recovery =	100.27%
6) S 2-Fluorobiphenyl (SURR)	8.509	3964843	49.874 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.75%
11) S ortho-Terphenyl (SURR)	11.550	5904609	44.794 ug/ml
Spiked Amount 50.000		Recovery =	89.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	249511	1.919 ug/ml
2) T Naphthalene (C11.7)	5.987	276388	2.032 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	281634	2.067 ug/ml
5) T Acenaphthylene (C15.06)	8.312	288015	2.166 ug/ml
7) T Acenaphthene (C15.5)	8.606	351565	2.599 ug/ml
8) T Fluorene (C16.55)	9.392	272040	2.097 ug/ml
9) T Phenanthrene (C19.36)	10.789	270178	2.132 ug/ml
10) T Anthracene (C19.43)	10.864	276441	2.163 ug/ml
12) T Fluoranthene (C21.85)	12.598	287967	2.312 ug/ml
13) T Pyrene (C20.8)	12.894	288503	2.361 ug/ml
14) T Benzo[a]anthracene (C...	14.768	216964	2.047 ug/ml
15) T Chrysene (C27.41)	14.809	322033	2.752 ug/ml
16) T benzo[b]fluoranthene ...	16.317	228915	2.230 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	278019	2.651 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	194834	2.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.065	183771	2.072 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	303842	2.997 ug/ml
21) T Benzo[g,h,i]perylene ...	18.313	222526	2.329 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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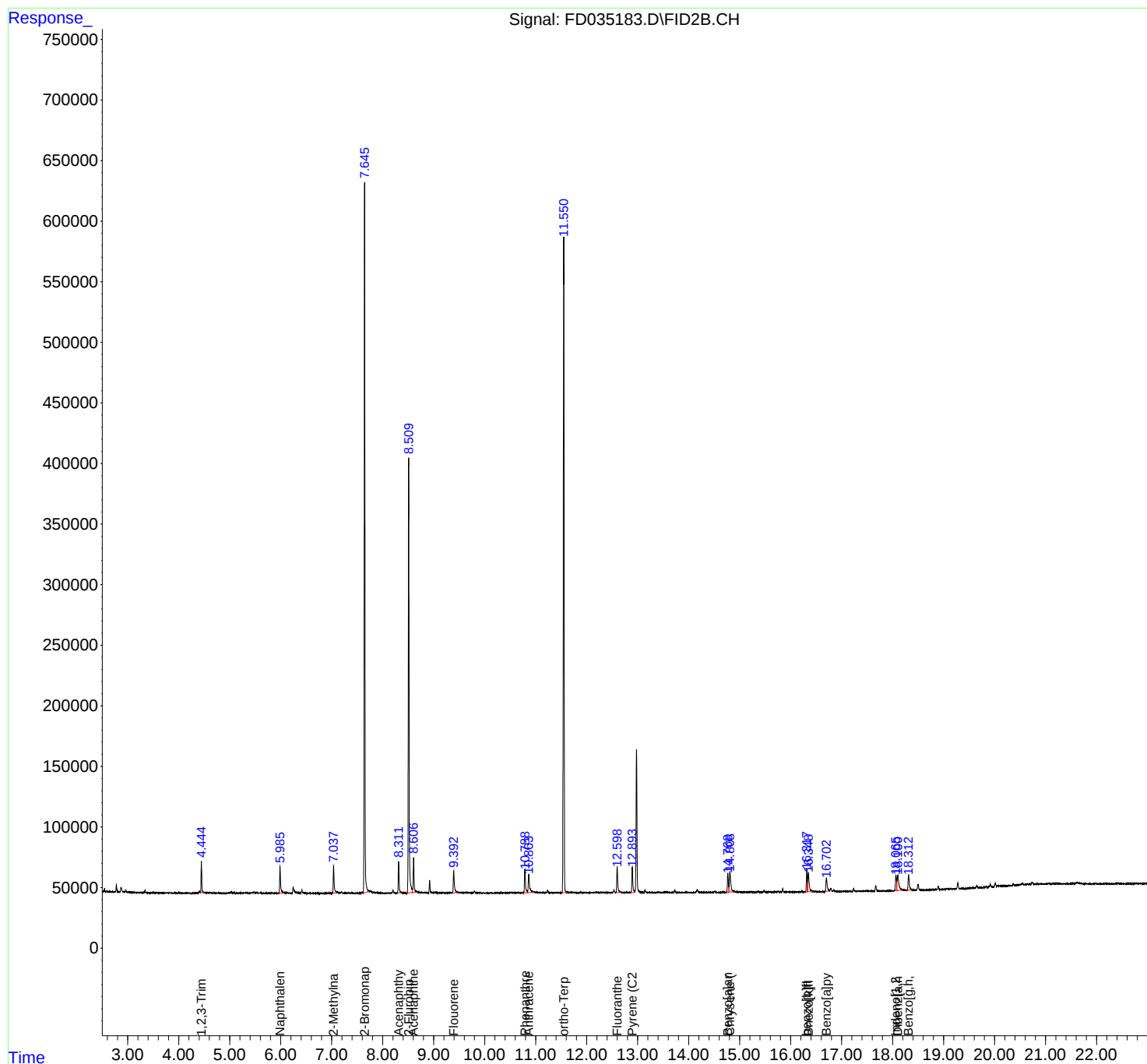
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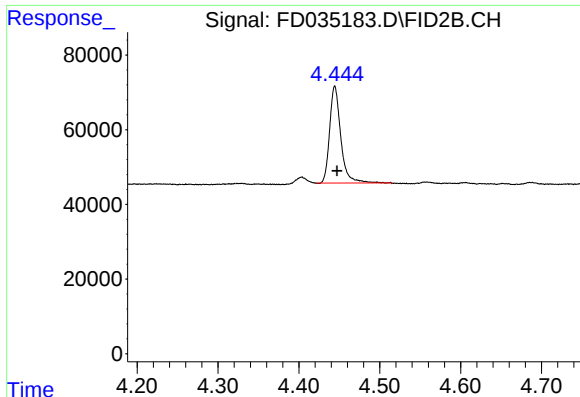
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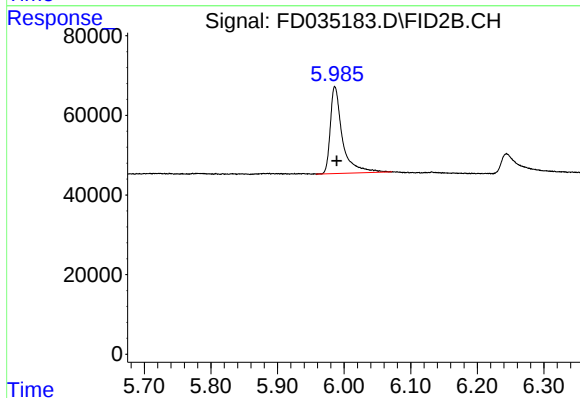
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 249511
Conc: 1.92 ug/ml

Instrument :
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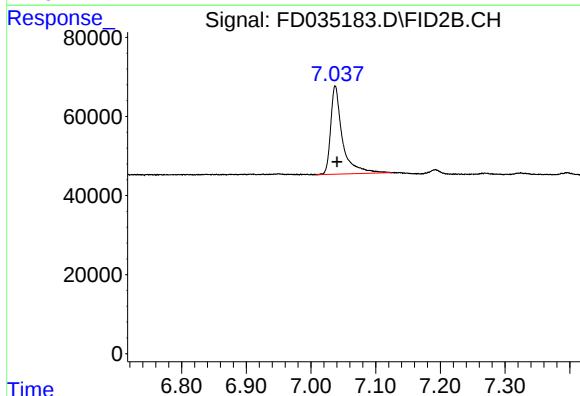
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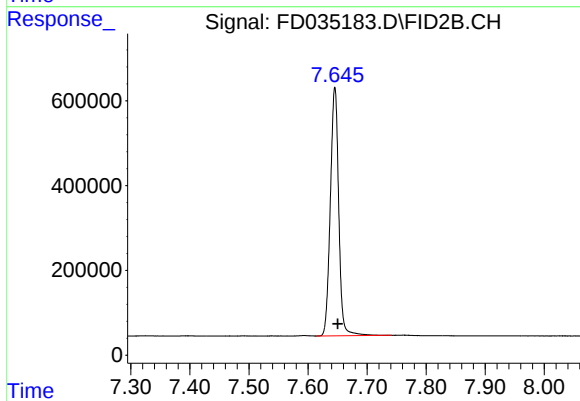
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 276388
Conc: 2.03 ug/ml



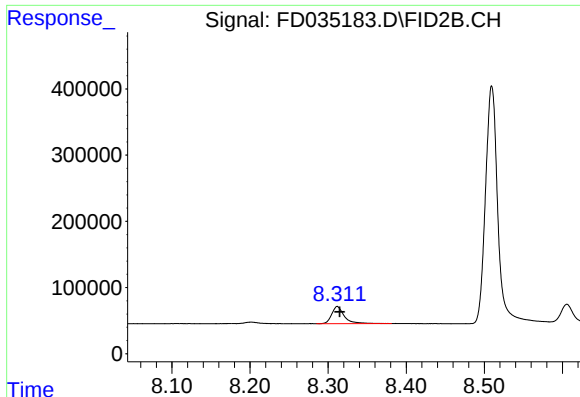
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 281634
Conc: 2.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 5778656
Conc: 50.13 ug/ml



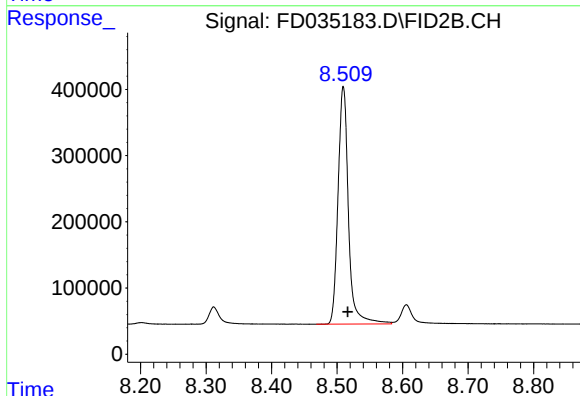
#5 Acenaphthylene (C15.06)

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 288015
Conc: 2.17 ug/ml

Instrument :
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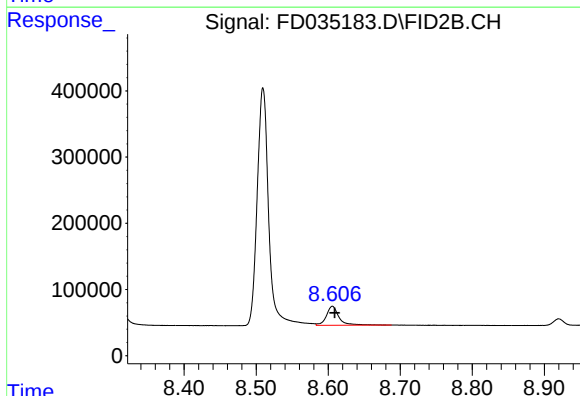
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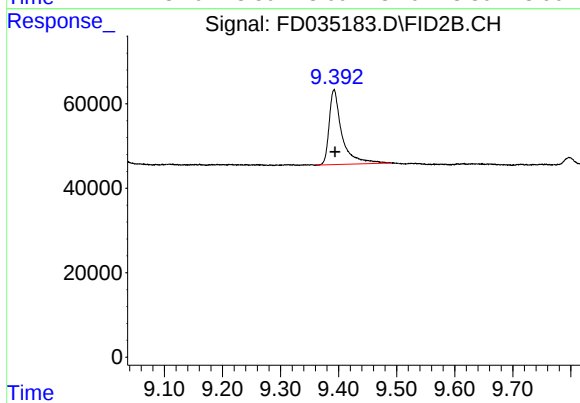
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.007 min
Response: 3964843
Conc: 49.87 ug/ml



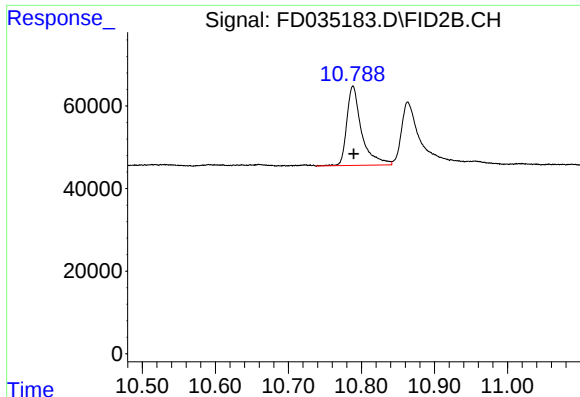
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 351565
Conc: 2.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.001 min
Response: 272040
Conc: 2.10 ug/ml



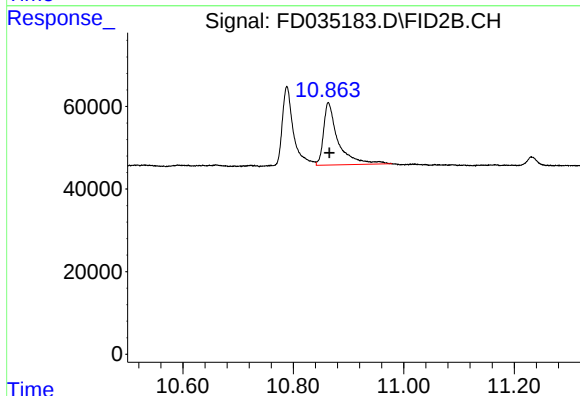
#9 Phenanthrene (C19.36)

R.T.: 10.789 min
Delta R.T.: 0.000 min
Response: 270178
Conc: 2.13 ug/ml

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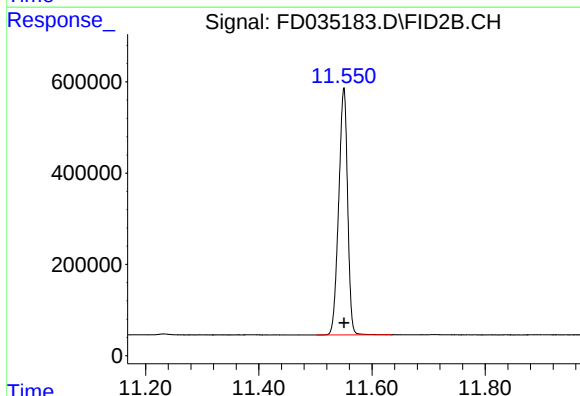
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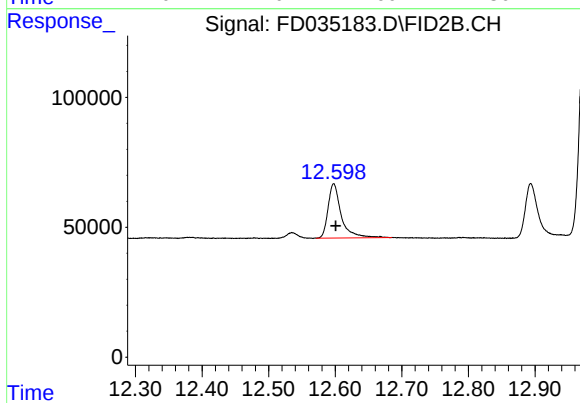
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 276441
Conc: 2.16 ug/ml



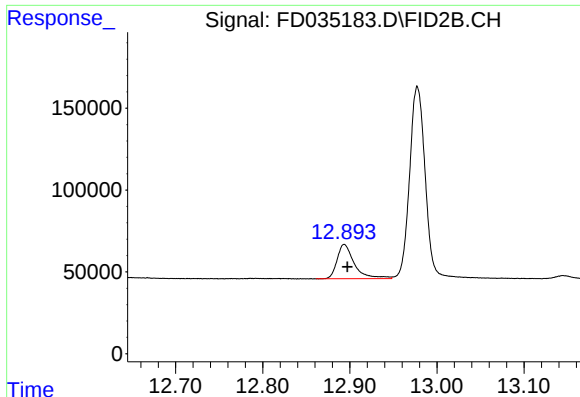
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 5904609
Conc: 44.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: -0.003 min
Response: 287967
Conc: 2.31 ug/ml



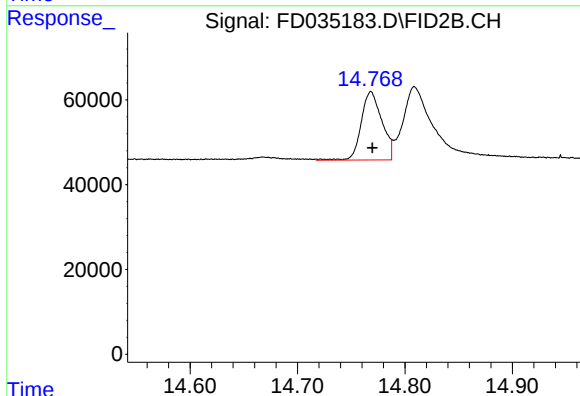
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.003 min
Response: 288503
Conc: 2.36 ug/ml

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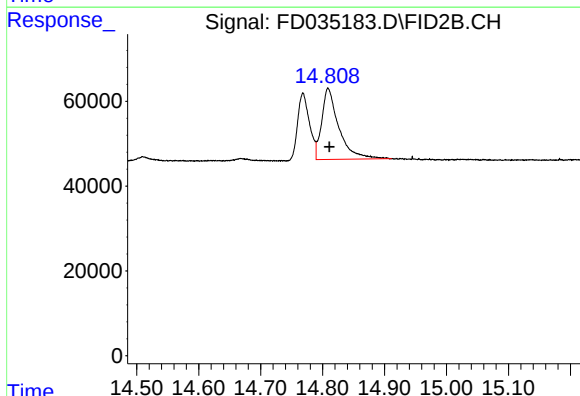
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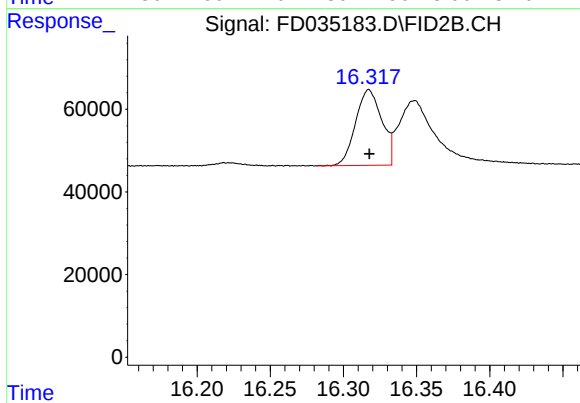
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.002 min
Response: 216964
Conc: 2.05 ug/ml m



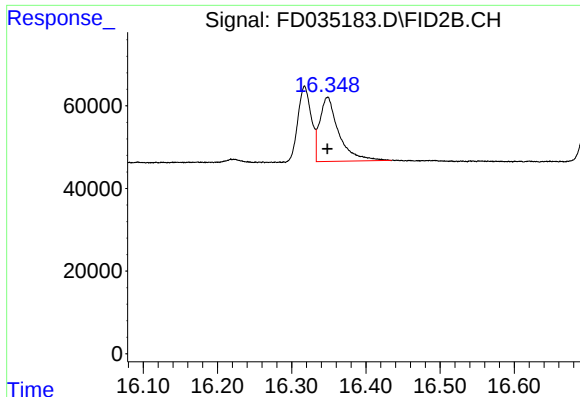
#15 Chrysene (C27.41)

R.T.: 14.809 min
Delta R.T.: -0.002 min
Response: 322033
Conc: 2.75 ug/ml



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

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 228915
Conc: 2.23 ug/ml



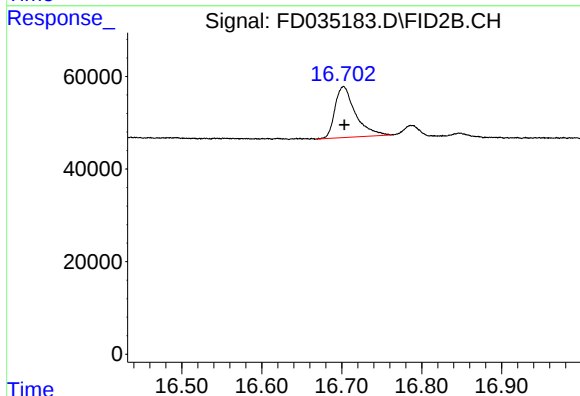
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: 0.000 min
Response: 278019
Conc: 2.65 ug/ml

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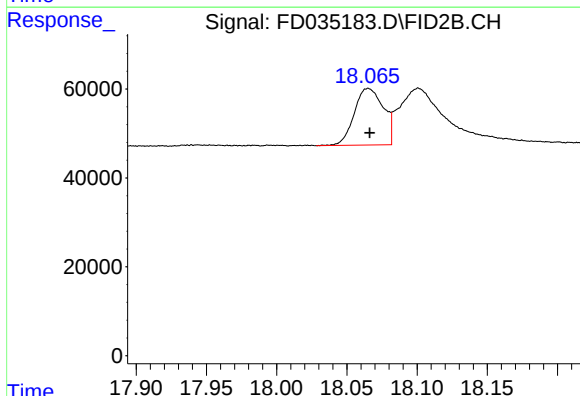
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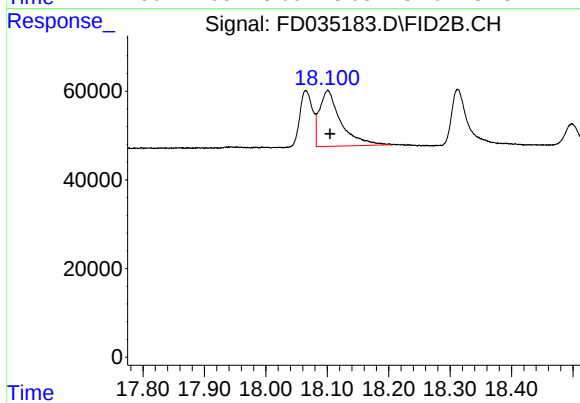
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: 0.000 min
Response: 194834
Conc: 2.06 ug/ml



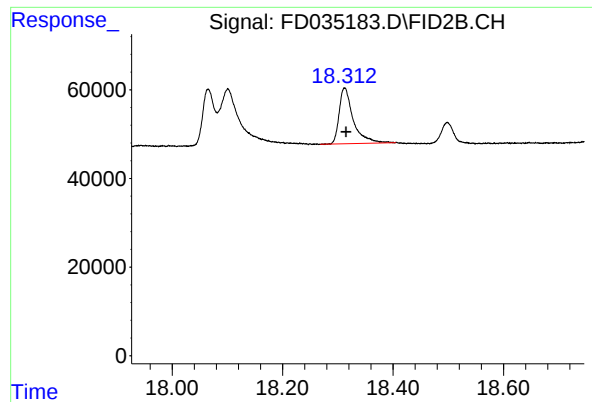
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 183771
Conc: 2.07 ug/ml



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

R.T.: 18.101 min
Delta R.T.: -0.004 min
Response: 303842
Conc: 3.00 ug/ml



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

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 222526
Conc: 2.33 ug/ml

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