

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021819AR\
 Data File : FD027820.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2019 7:47
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:58:12 AM

Integration File: autoint1.e
 Quant Time: Feb 19 08:58:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.331	1611830	21.711 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.180	1078642	21.201 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.40%
11) S ortho-Terphenyl (SURR)	11.216	1847225	20.838 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.142	1755270	22.209 ug/ml
2) T Naphthalene (C11.7)	5.669	1926086	22.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	1850217	21.931 ug/ml
5) T Acenaphthylene (C15.06)	7.982	1742159	20.807 ug/mlm
7) T Acenaphthene (C15.5)	8.277	1839303	20.925 ug/ml
8) T Fluorene (C16.55)	9.054	1775781	20.362 ug/mlm
9) T Phenanthrene (C19.36)	10.440	1795306	20.438 ug/ml
10) T Anthracene (C19.43)	10.515	1750891	20.263 ug/mlm
12) T Fluoranthene (C21.85)	12.241	1866634	20.850 ug/mlm
13) T Pyrene (C20.8)	12.534	1879433	21.180 ug/ml
14) T Benzo[a]anthracene (C...	14.400	1838224	20.558 ug/mlm
15) T Chrysene (C27.41)	14.441	2069987	22.794 ug/ml
16) T benzo[b]fluoranthene ...	15.942	1848221	18.924 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.974	1951507	19.737 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.316	1919145	19.628 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.677	1996219	20.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.718	1914625	19.465 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.927	1886351	18.607 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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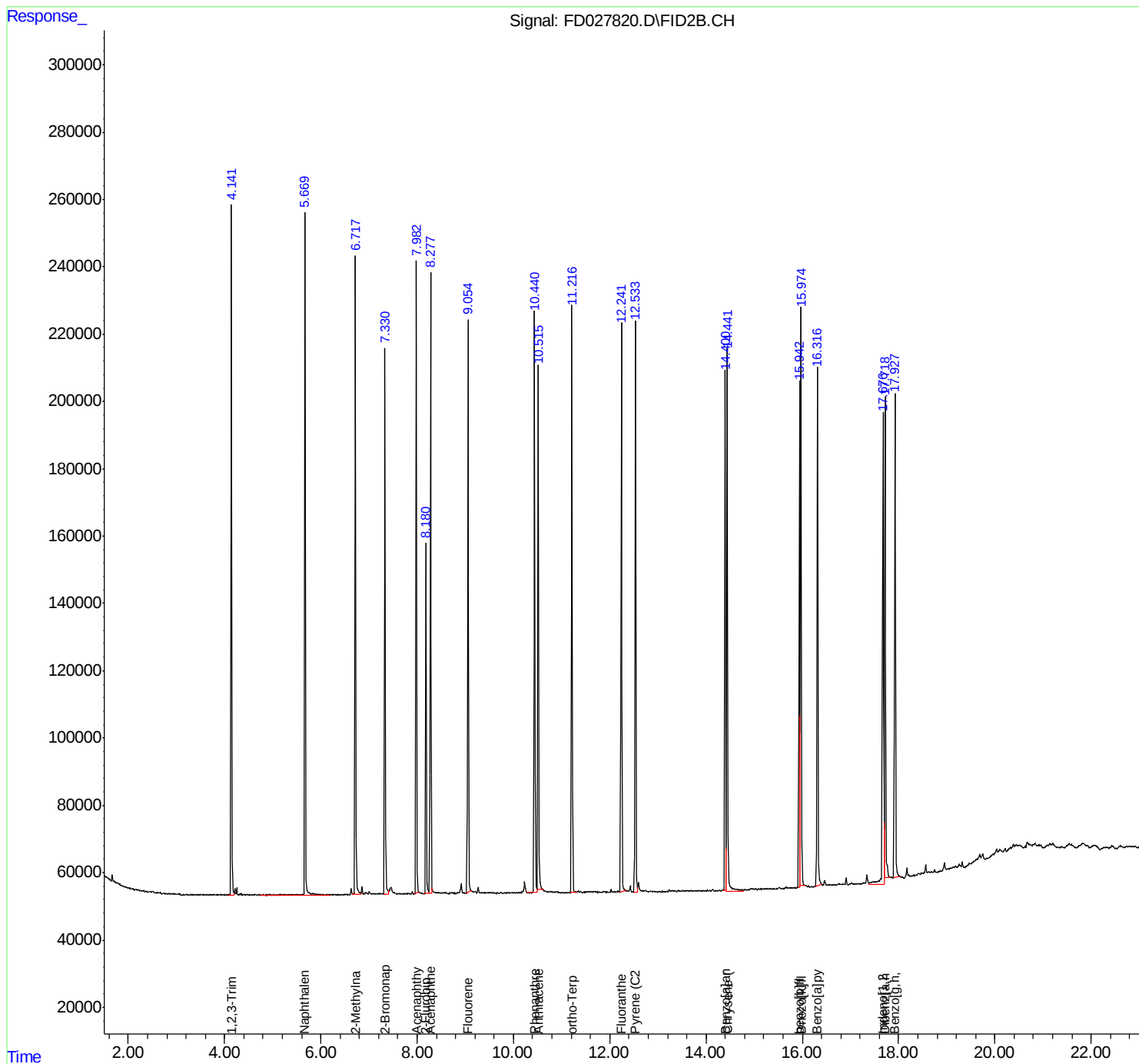
Instrument :
FID_D
ClientSampleId :

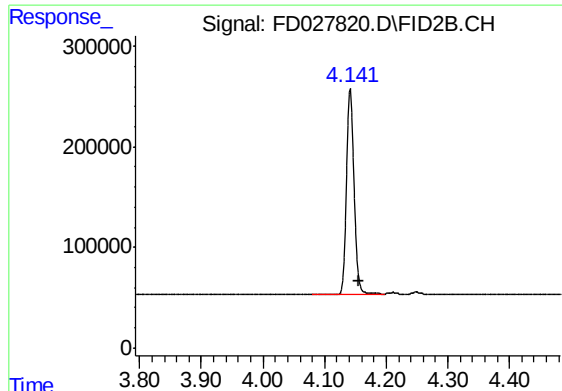
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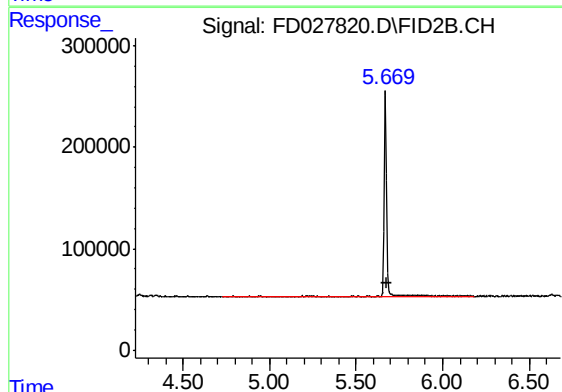
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.142 min
Delta R.T.: -0.013 min
Response: 1755270
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :

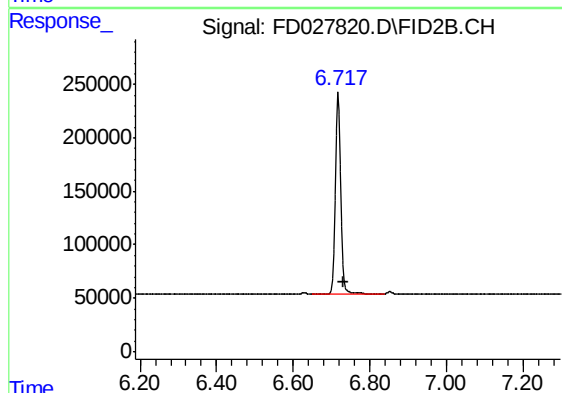
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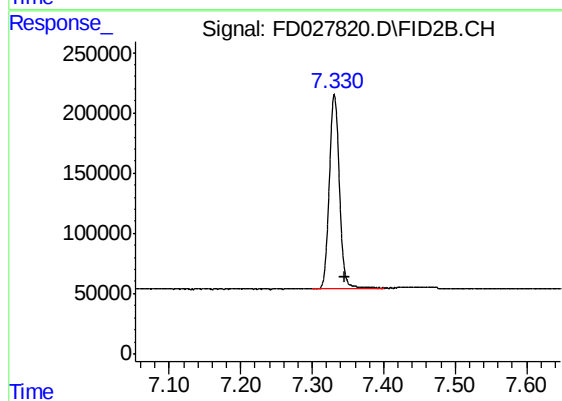
#2 Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.013 min
Response: 1926086
Conc: 22.63 ug/ml



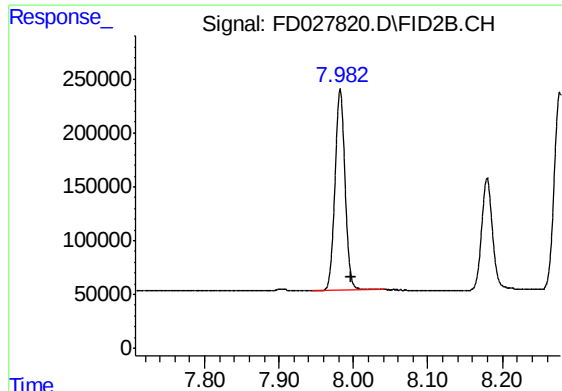
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.014 min
Response: 1850217
Conc: 21.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 1611830
Conc: 21.71 ug/ml



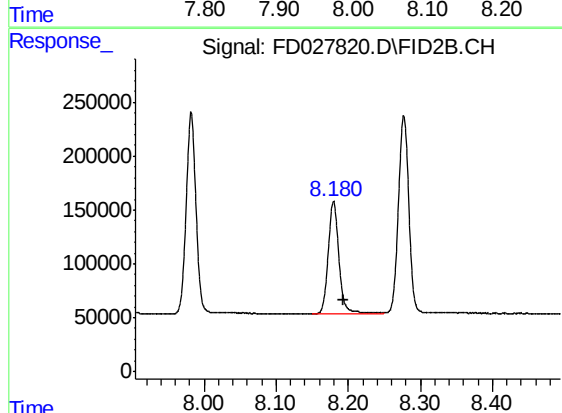
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.015 min
Response: 1742159
Conc: 20.81 ug/ml m

Instrument :
FID_D
ClientSampleId :

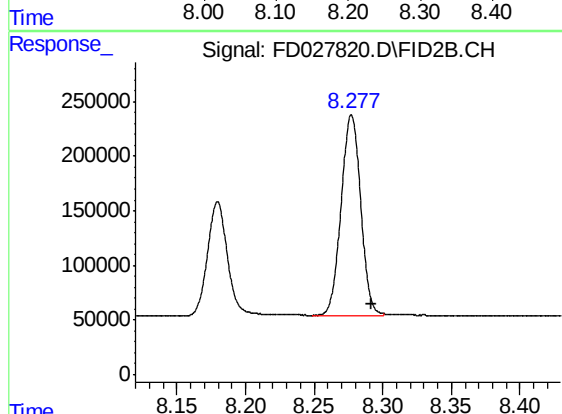
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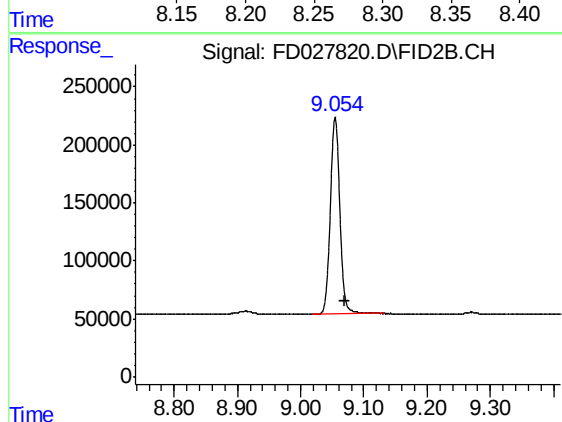
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.014 min
Response: 1078642
Conc: 21.20 ug/ml



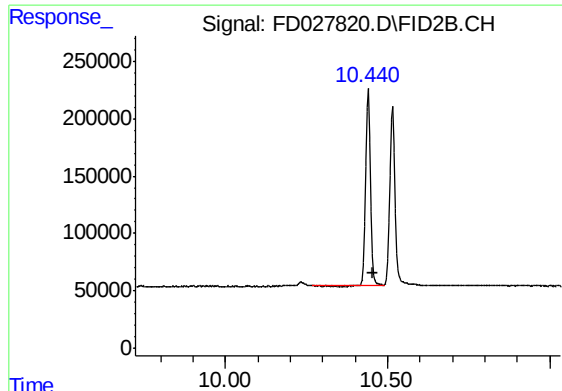
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 1839303
Conc: 20.93 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.054 min
Delta R.T.: -0.015 min
Response: 1775781
Conc: 20.36 ug/ml m



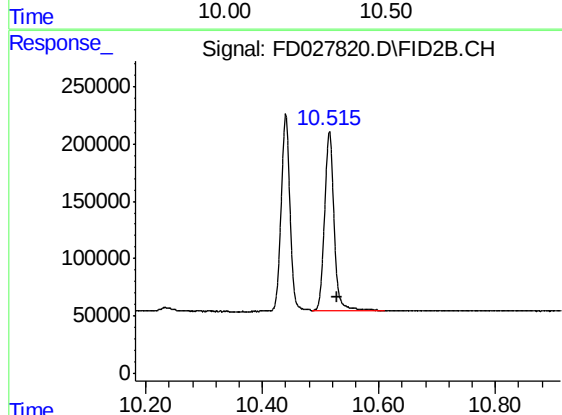
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.015 min
Response: 1795306
Conc: 20.44 ug/ml

Instrument :
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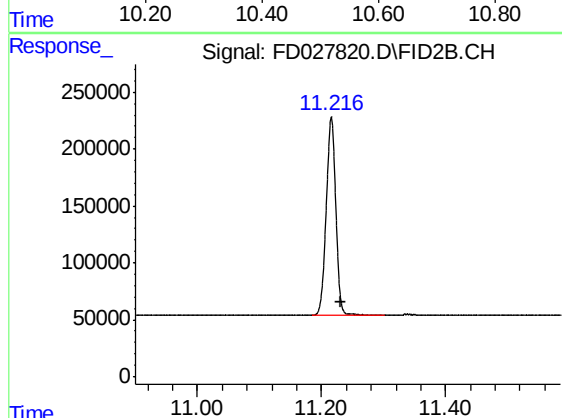
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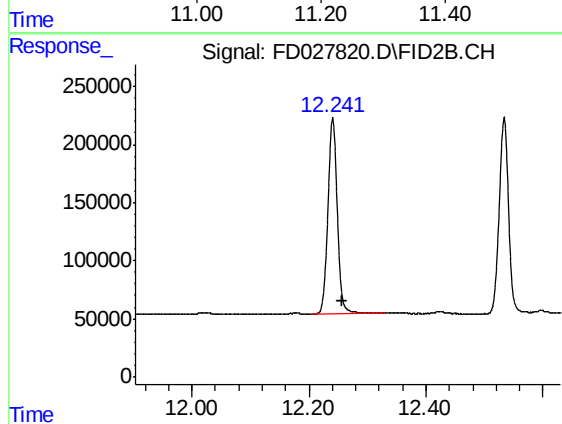
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.014 min
Response: 1750891
Conc: 20.26 ug/ml m



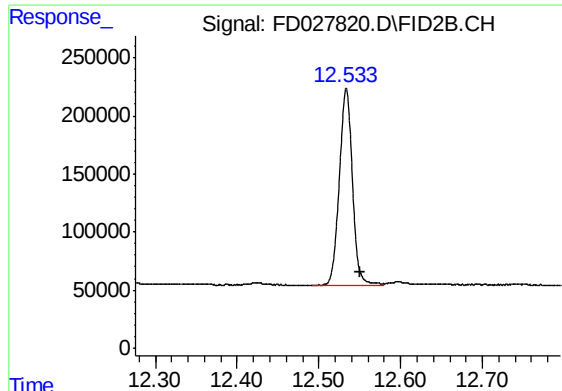
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.015 min
Response: 1847225
Conc: 20.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.016 min
Response: 1866634
Conc: 20.85 ug/ml m



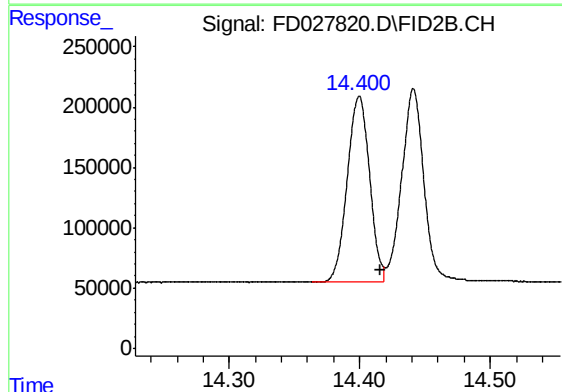
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.017 min
Response: 1879433
Conc: 21.18 ug/ml

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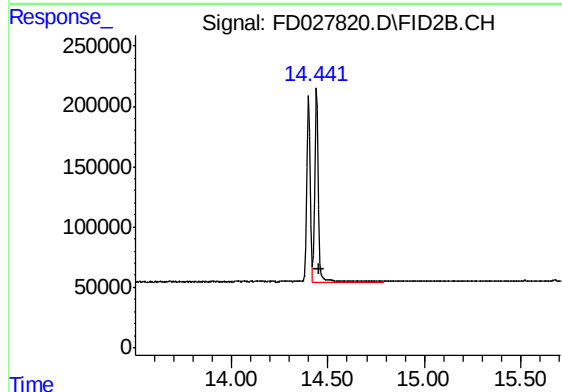
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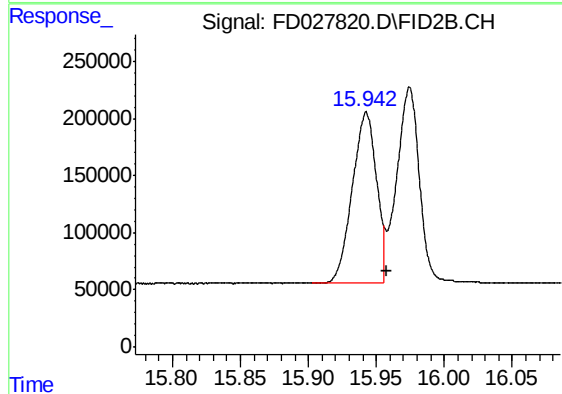
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.400 min
Delta R.T.: -0.017 min
Response: 1838224
Conc: 20.56 ug/ml m



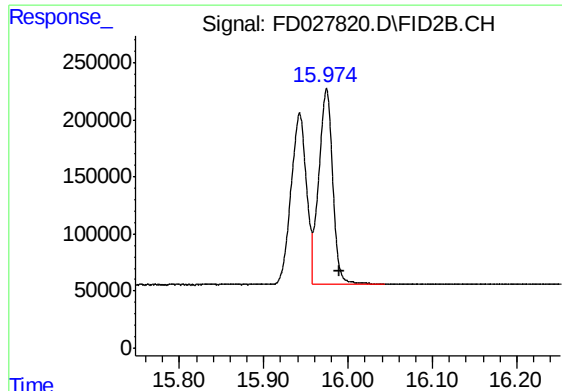
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.016 min
Response: 2069987
Conc: 22.79 ug/ml



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

R.T.: 15.942 min
Delta R.T.: -0.016 min
Response: 1848221
Conc: 18.92 ug/ml m



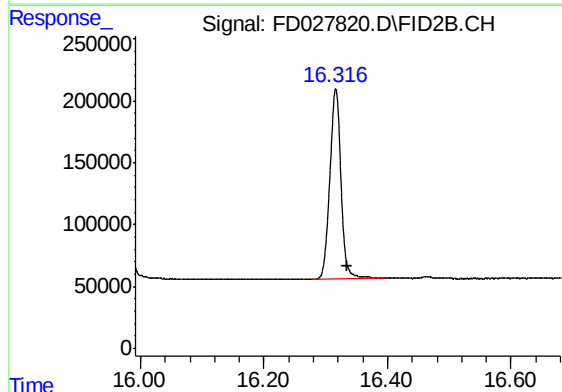
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.974 min
Delta R.T.: -0.016 min
Response: 1951507
Conc: 19.74 ug/ml m

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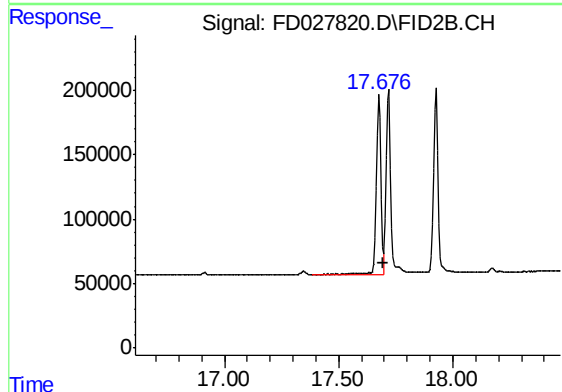
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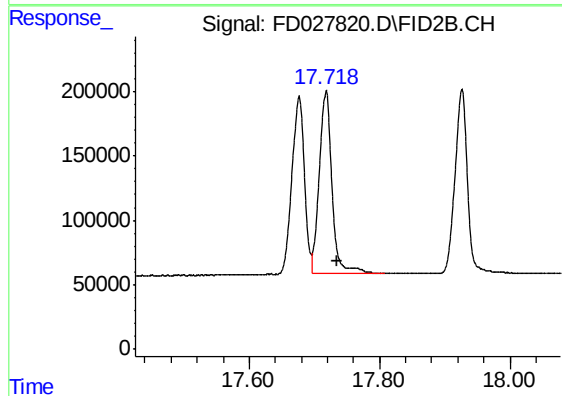
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.316 min
Delta R.T.: -0.018 min
Response: 1919145
Conc: 19.63 ug/ml m



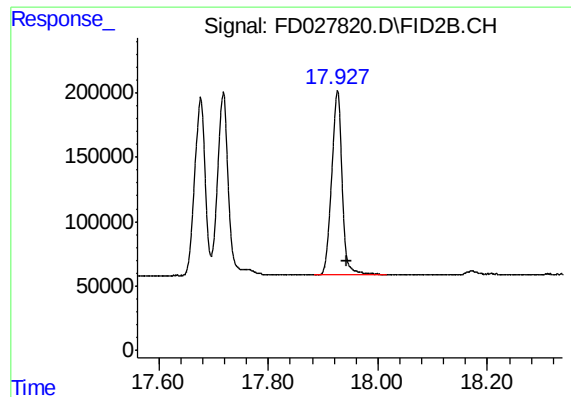
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.677 min
Delta R.T.: -0.017 min
Response: 1996219
Conc: 20.13 ug/ml



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

R.T.: 17.718 min
Delta R.T.: -0.016 min
Response: 1914625
Conc: 19.47 ug/ml m



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

R.T.: 17.927 min
Delta R.T.: -0.017 min
Response: 1886351
Conc: 18.61 ug/ml m

Instrument :
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