

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047698.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 11:53
 Operator : YP/AJ
 Sample : P2415-01MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1011UMR-SS005-0212-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:54:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.463	7826664	49.906 ug/ml
Spiked Amount 50.000		Recovery =	99.81%
6) S 2-Fluorobiphenyl (SURR)	8.318	4917260	47.009 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.02%
11) S ortho-Terphenyl (SURR)	11.358	6424810	34.260 ug/ml
Spiked Amount 50.000		Recovery =	68.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6020232	37.236 ug/ml
2) T Naphthalene (C11.7)	5.800	7230688	42.733 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7735182	45.410 ug/ml
5) T Acenaphthylene (C15.06)	8.121	8502017	52.133 ug/ml
7) T Acenaphthene (C15.5)	8.417	8441139	50.216 ug/ml
8) T Flouorene (C16.55)	9.197	8884926	53.413 ug/ml
9) T Phenanthrene (C19.36)	10.588	9118880	55.699 ug/ml
10) T Anthracene (C19.43)	10.664	8879132	59.279 ug/ml
12) T Fluoranthene (C21.85)	12.397	9148503	55.134 ug/ml
13) T Pyrene (C20.8)	12.691	9153253	56.255 ug/ml
14) T Benzo[a]anthracene (C...	14.561	8280592	56.727 ug/ml
15) T Chrysene (C27.41)	14.606	8237306	52.272 ug/ml
16) T benzo[b]fluoranthene ...	16.110	7824059	52.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.147	7696206	51.120 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	7494049	51.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	7694819	56.697 ug/mlm
20) T Dibenz[a,h]anthracene...	17.894	7321703	51.138 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.107	6728287	49.005 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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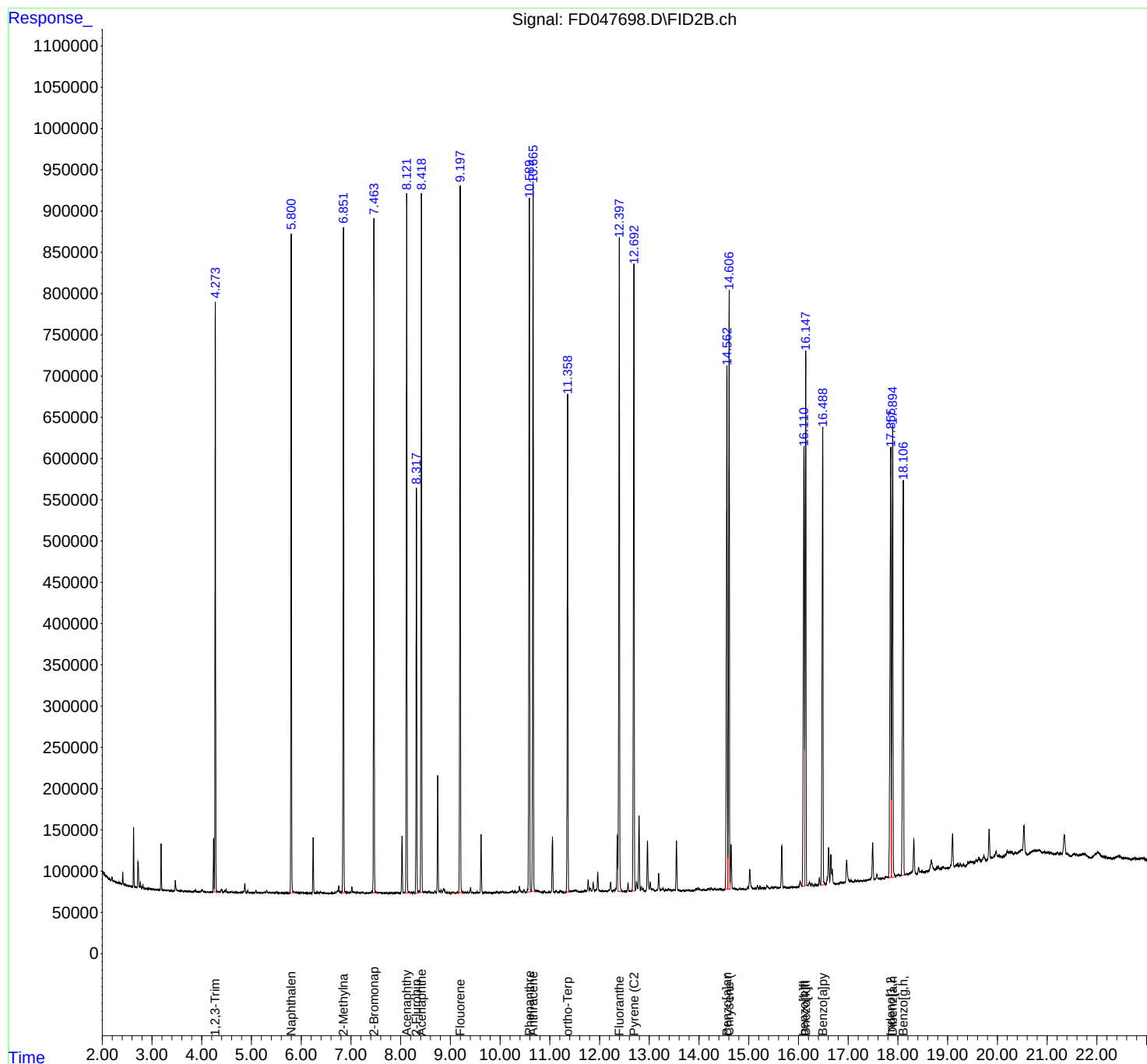
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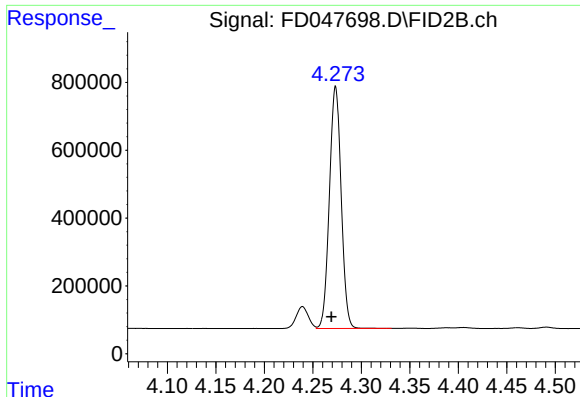
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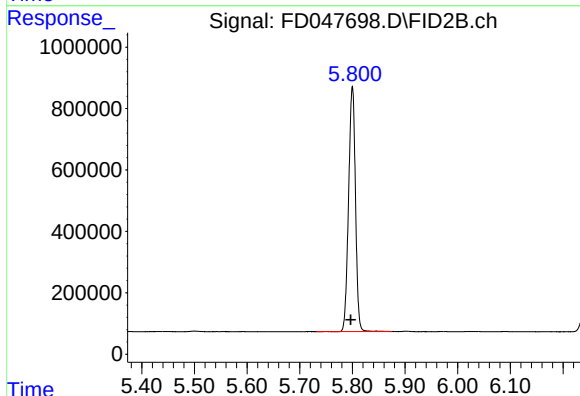
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 6020232
Conc: 37.24 ug/ml

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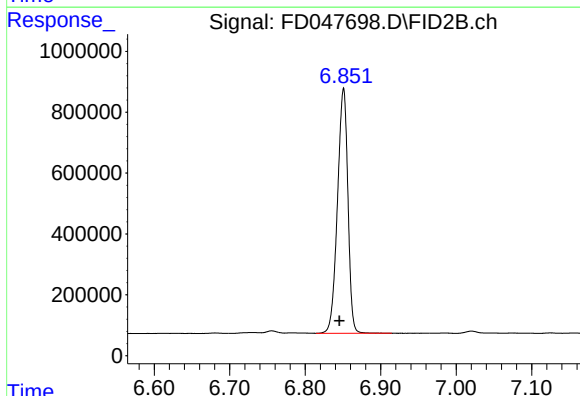
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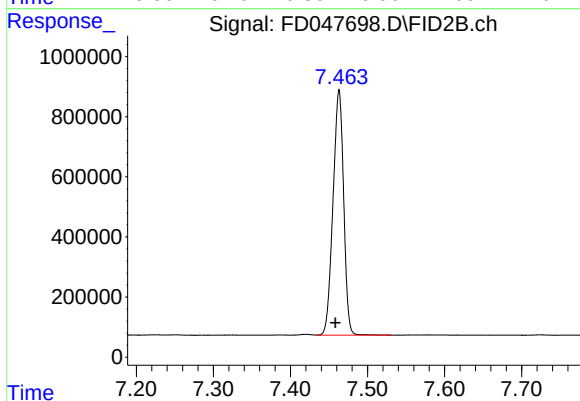
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 7230688
Conc: 42.73 ug/ml



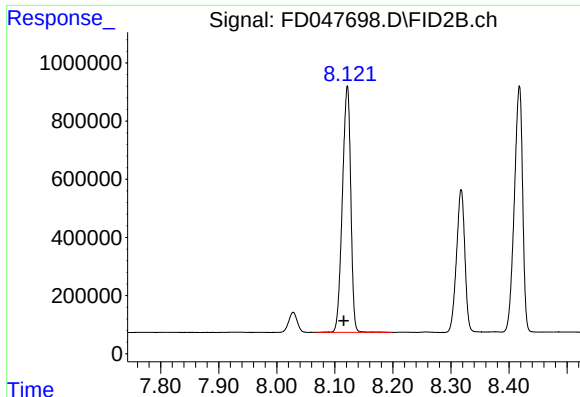
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.005 min
Response: 7735182
Conc: 45.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 7826664
Conc: 49.91 ug/ml



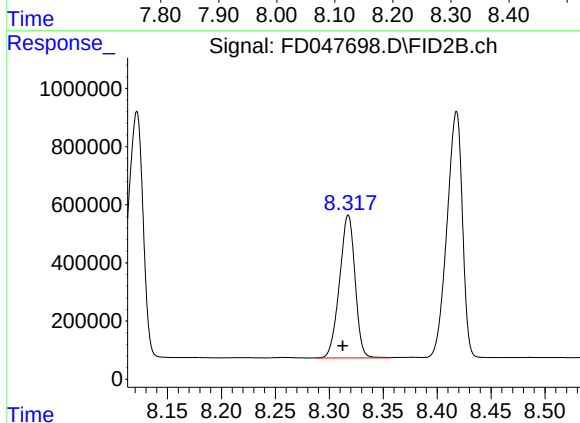
#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: 0.006 min
Response: 8502017
Conc: 52.13 ug/ml

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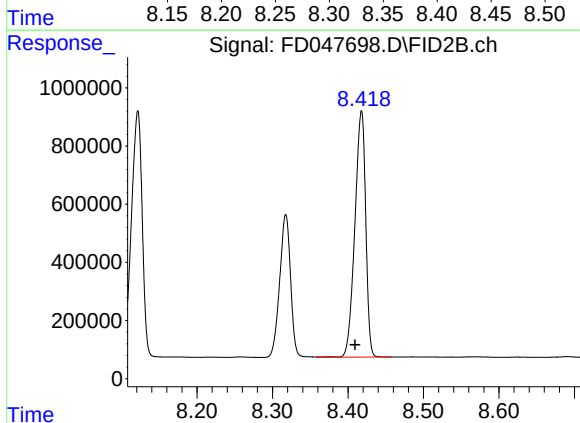
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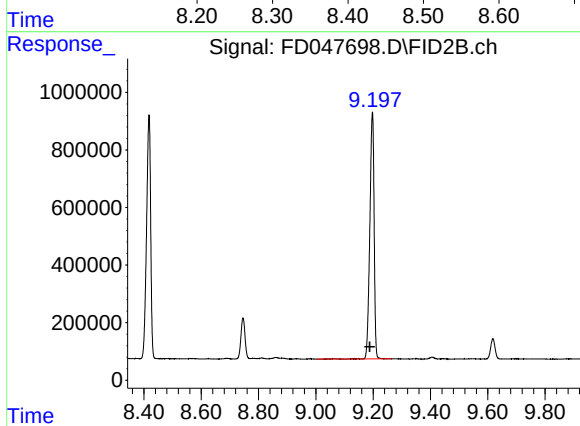
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.005 min
Response: 4917260
Conc: 47.01 ug/ml



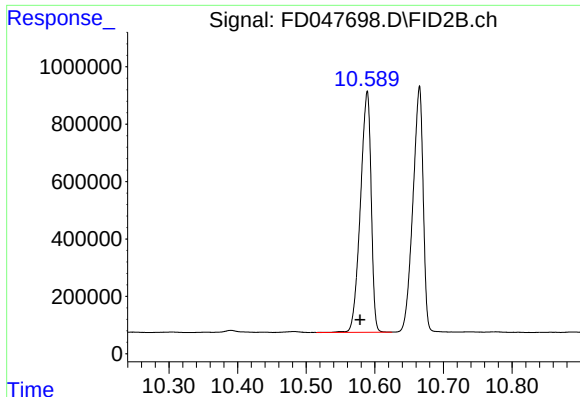
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.008 min
Response: 8441139
Conc: 50.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.008 min
Response: 8884926
Conc: 53.41 ug/ml



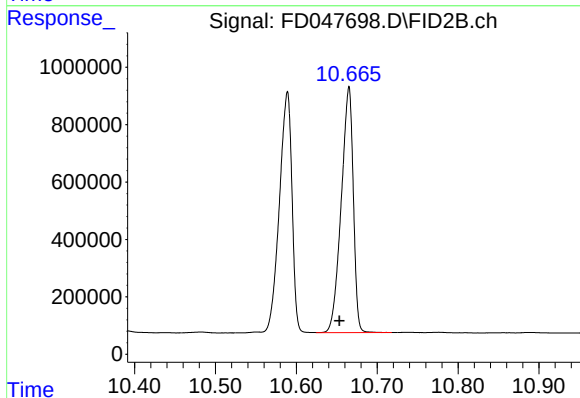
#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.010 min
Response: 9118880
Conc: 55.70 ug/ml

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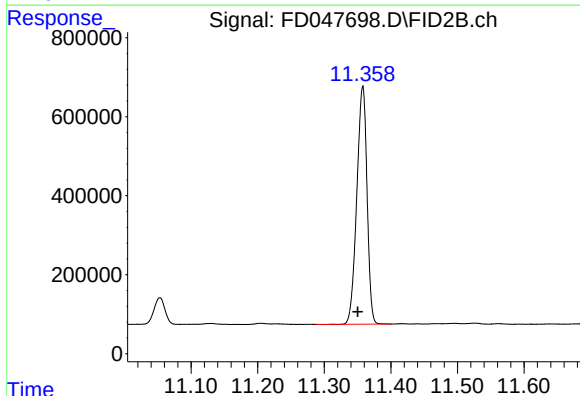
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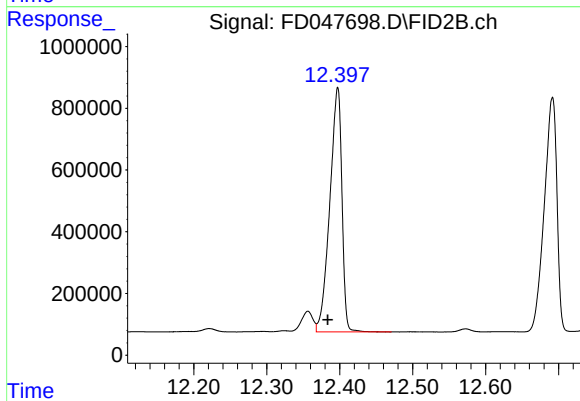
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.011 min
Response: 8879132
Conc: 59.28 ug/ml



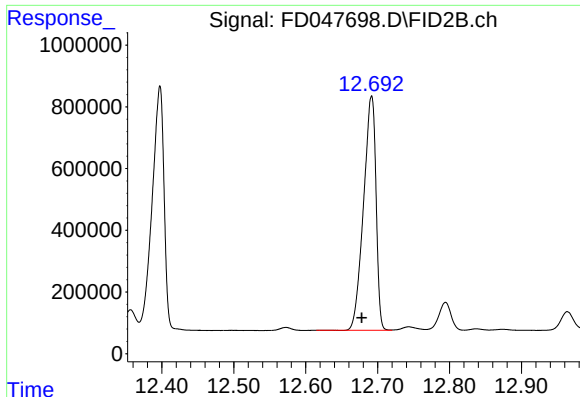
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.007 min
Response: 6424810
Conc: 34.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: 0.013 min
Response: 9148503
Conc: 55.13 ug/ml



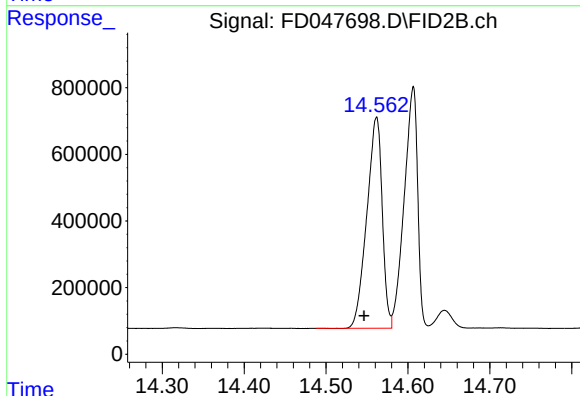
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.013 min
Response: 9153253
Conc: 56.25 ug/ml

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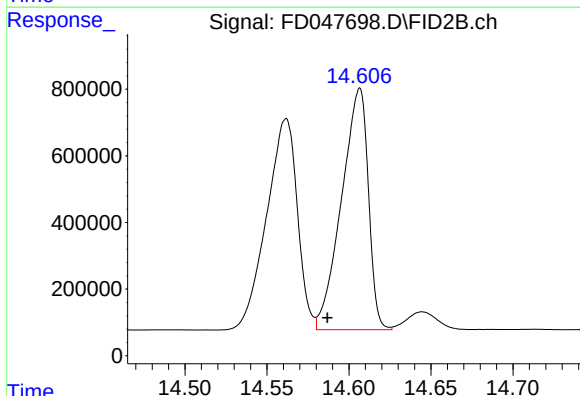
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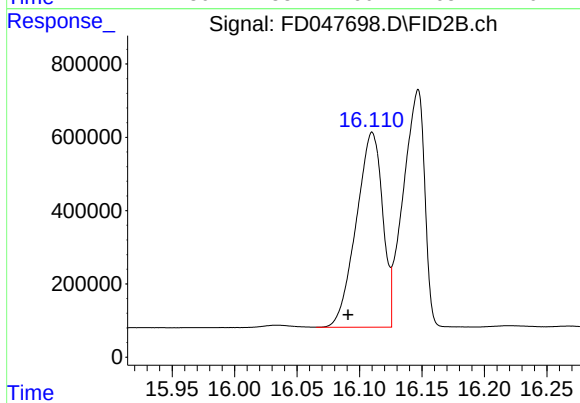
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.015 min
Response: 8280592
Conc: 56.73 ug/ml



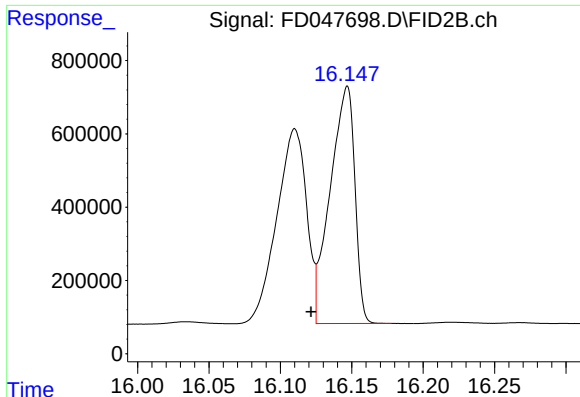
#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.019 min
Response: 8237306
Conc: 52.27 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.019 min
Response: 7824059
Conc: 52.38 ug/ml



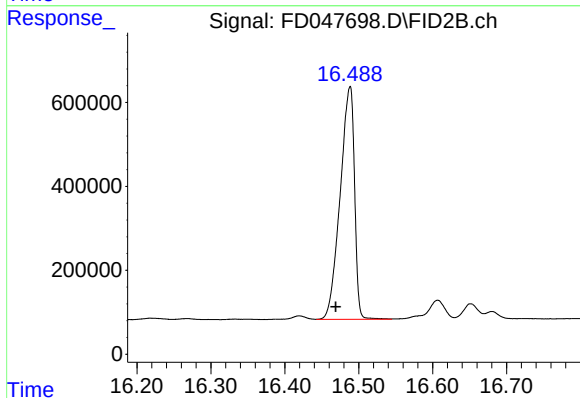
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.147 min
Delta R.T.: 0.025 min
Response: 7696206
Conc: 51.12 ug/ml

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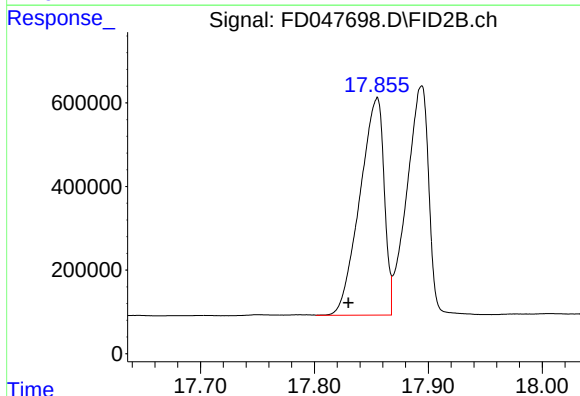
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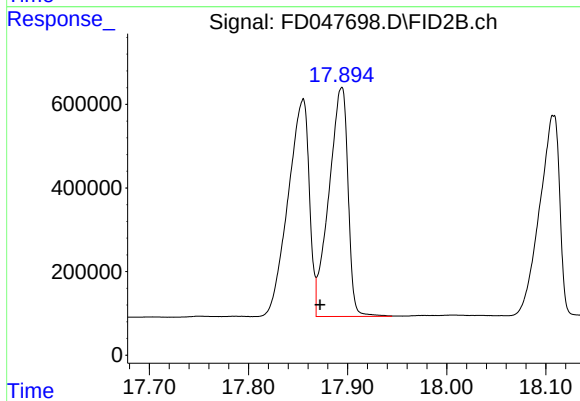
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.018 min
Response: 7494049
Conc: 51.94 ug/ml



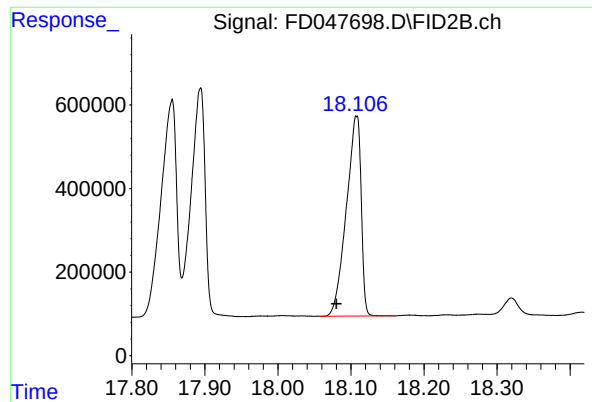
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.025 min
Response: 7694819
Conc: 56.70 ug/ml m



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

R.T.: 17.894 min
Delta R.T.: 0.022 min
Response: 7321703
Conc: 51.14 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.027 min
Response: 6728287
Conc: 49.01 ug/ml

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