

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047708.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 18:24
 Operator : YP/AJ
 Sample : PB160845BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160845BS

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 00:56:27 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	7675402	48.941 ug/ml
Spiked Amount 50.000		Recovery =	97.88%
6) S 2-Fluorobiphenyl (SURR)	8.317	4811343	45.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.99%
11) S ortho-Terphenyl (SURR)	11.358	7681798	40.962 ug/ml
Spiked Amount 50.000		Recovery =	81.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	7141477	44.170 ug/ml
2) T Naphthalene (C11.7)	5.800	8655137	51.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	9085427	53.336 ug/ml
5) T Acenaphthylene (C15.06)	8.122	9632553	59.065 ug/ml
7) T Acenaphthene (C15.5)	8.417	9460974	56.283 ug/ml
8) T Flouorene (C16.55)	9.197	9783309	58.814 ug/ml
9) T Phenanthrene (C19.36)	10.588	9827287	60.026 ug/ml
10) T Anthracene (C19.43)	10.664	9676645	64.604 ug/ml
12) T Fluoranthene (C21.85)	12.396	9733560	58.659 ug/ml
13) T Pyrene (C20.8)	12.691	9852596	60.553 ug/ml
14) T Benzo[a]anthracene (C...	14.562	9037394	61.911 ug/ml
15) T Chrysene (C27.41)	14.606	8771700	55.663 ug/ml
16) T benzo[b]fluoranthene ...	16.110	8718853	58.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	8705031	57.821 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	8426089	58.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	8707402	64.158 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	7406430	51.730 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.108	7673844	55.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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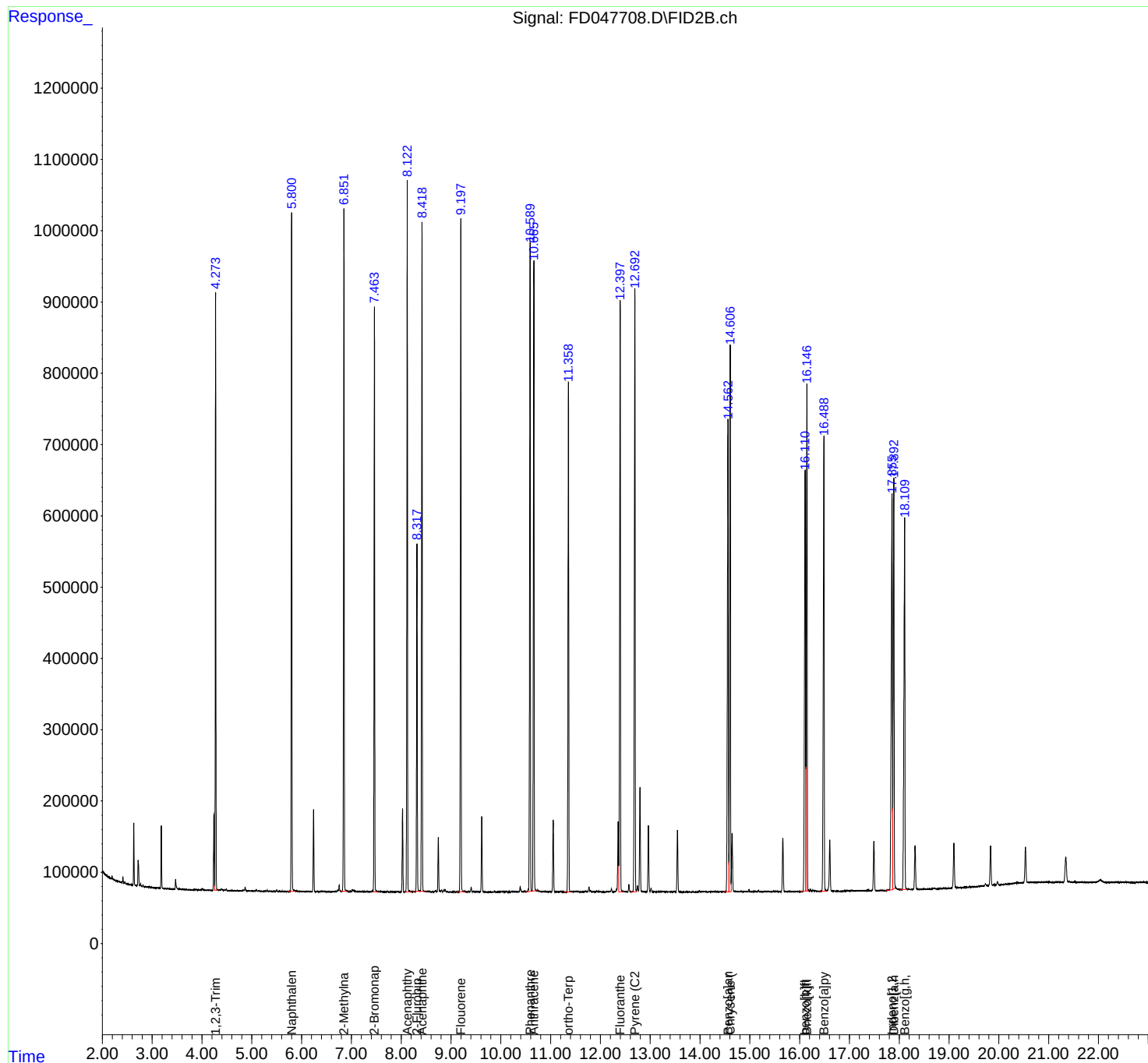
Instrument :
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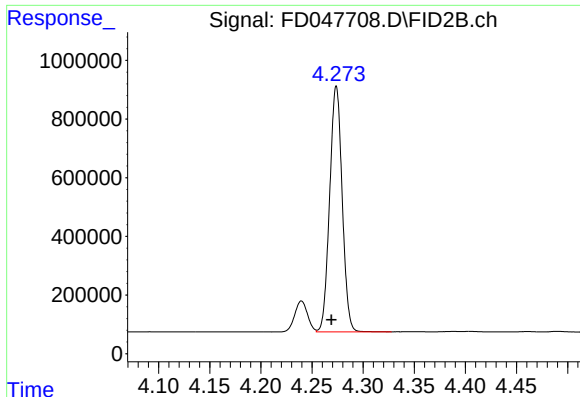
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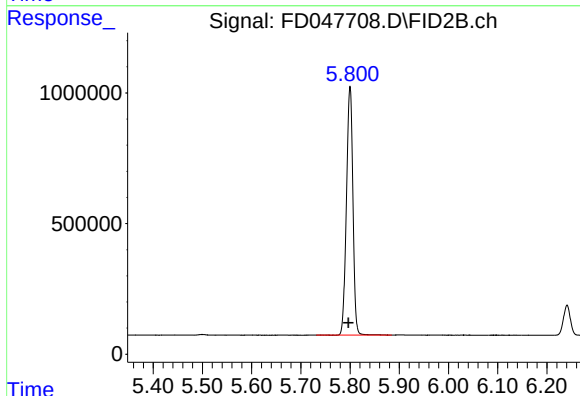
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 7141477
Conc: 44.17 ug/ml

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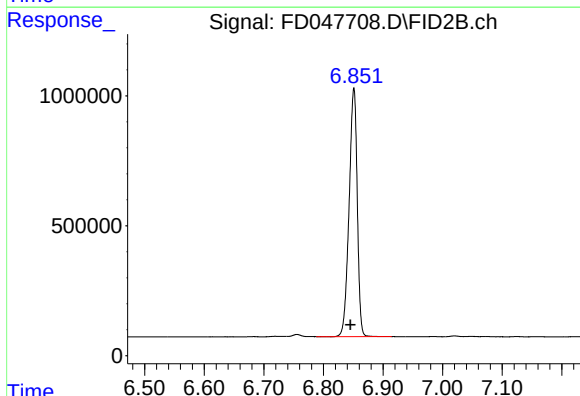
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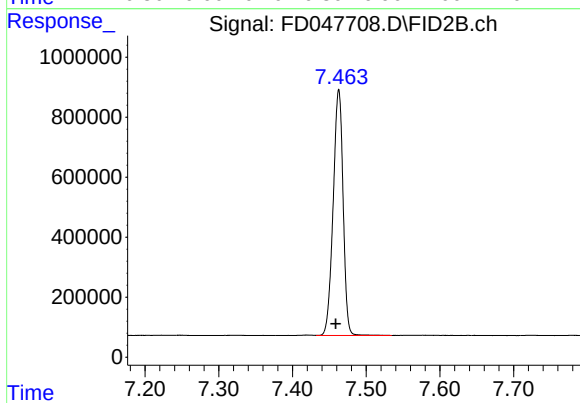
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 8655137
Conc: 51.15 ug/ml



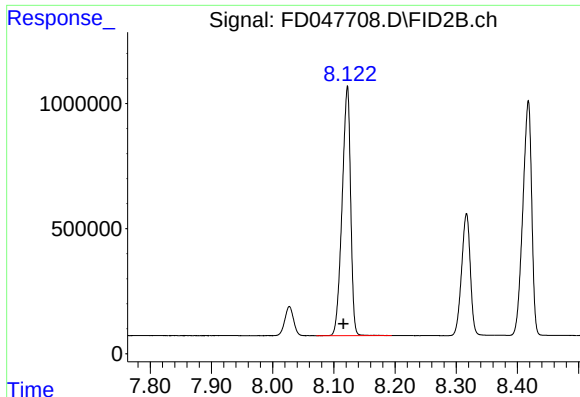
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.006 min
Response: 9085427
Conc: 53.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 7675402
Conc: 48.94 ug/ml



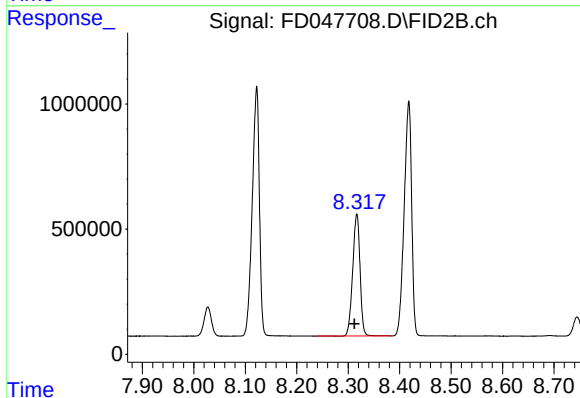
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 9632553
Conc: 59.06 ug/ml

Instrument :
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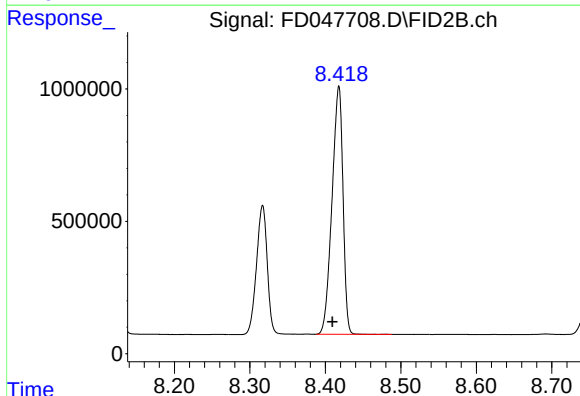
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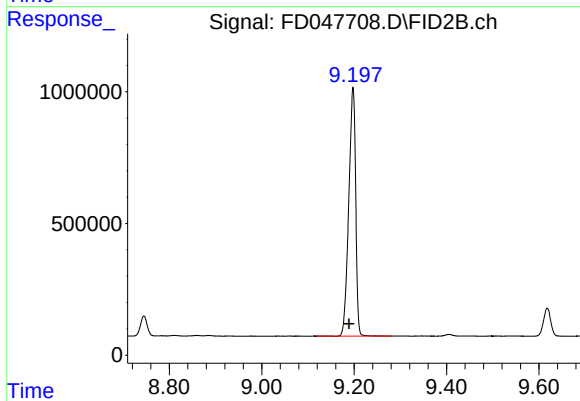
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 4811343
Conc: 46.00 ug/ml



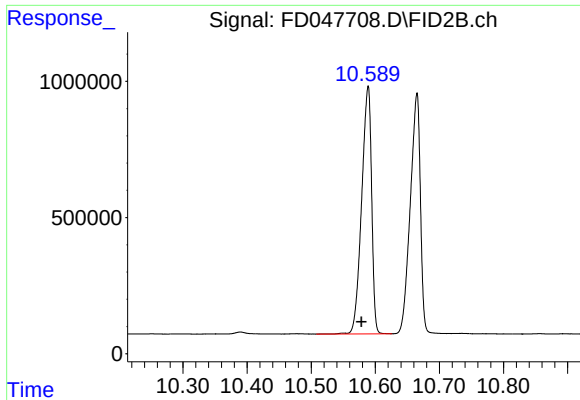
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.008 min
Response: 9460974
Conc: 56.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.008 min
Response: 9783309
Conc: 58.81 ug/ml



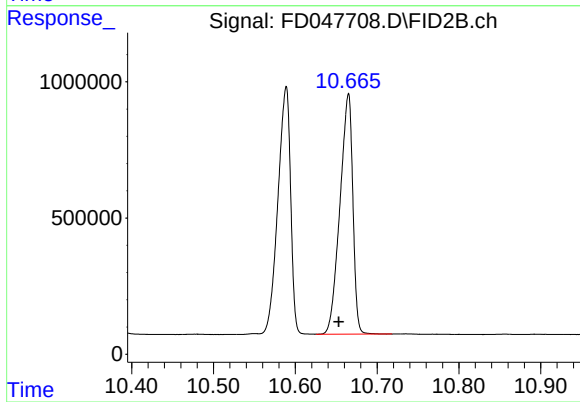
#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.010 min
Response: 9827287
Conc: 60.03 ug/ml

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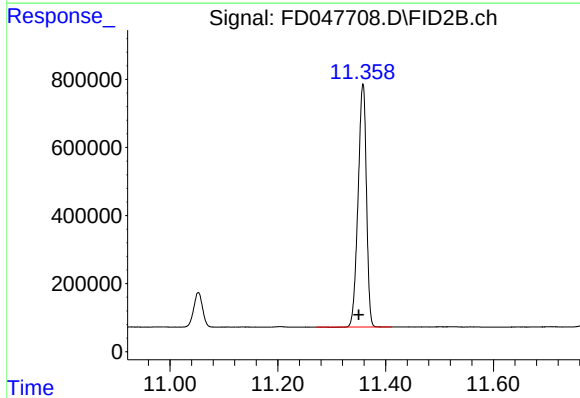
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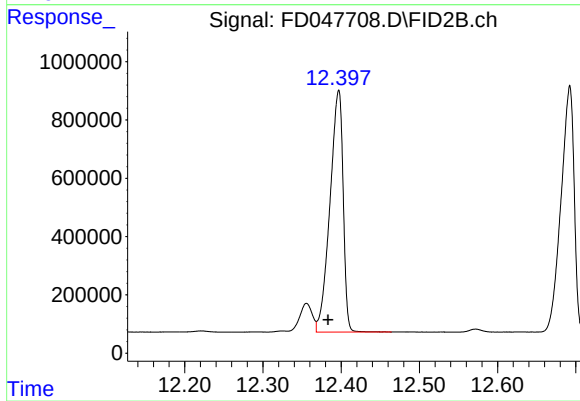
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.011 min
Response: 9676645
Conc: 64.60 ug/ml



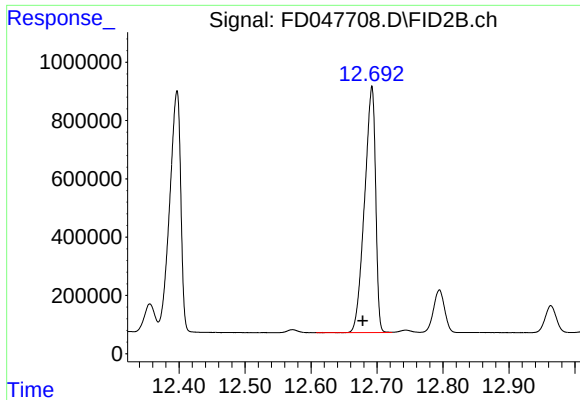
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.007 min
Response: 7681798
Conc: 40.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.013 min
Response: 9733560
Conc: 58.66 ug/ml



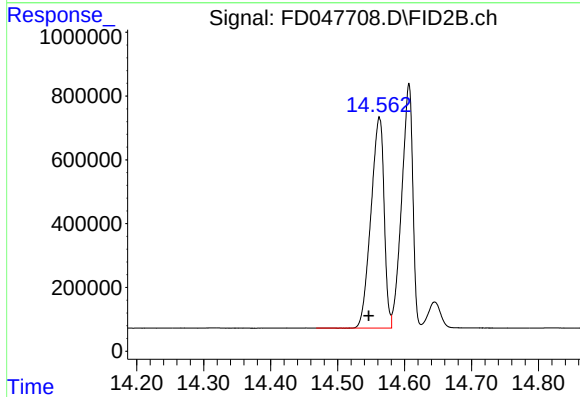
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.013 min
Response: 9852596
Conc: 60.55 ug/ml

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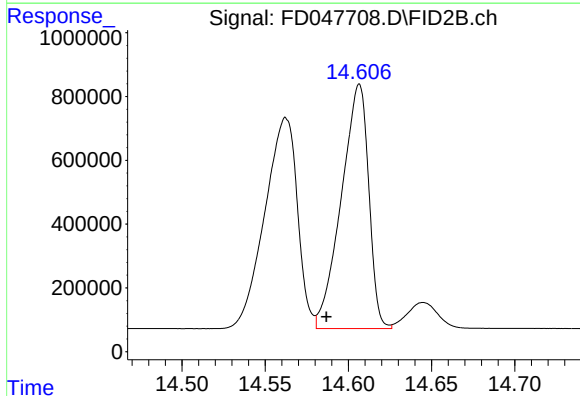
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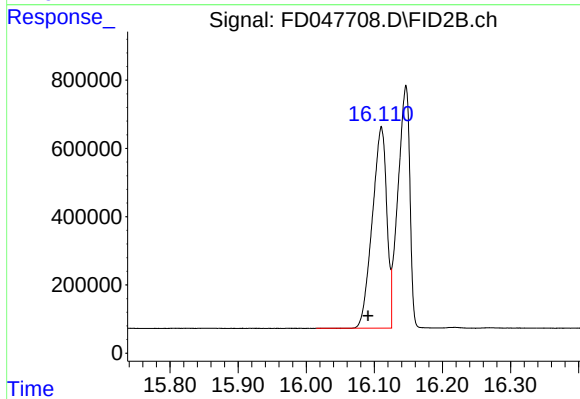
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.015 min
Response: 9037394
Conc: 61.91 ug/ml



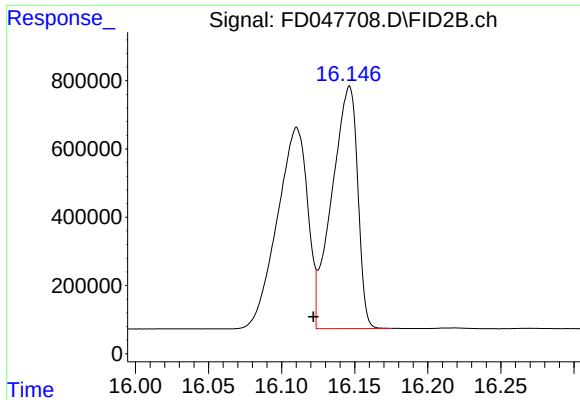
#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.019 min
Response: 8771700
Conc: 55.66 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.019 min
Response: 8718853
Conc: 58.38 ug/ml



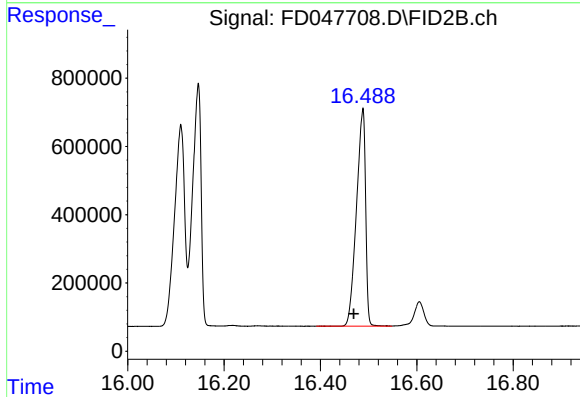
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.146 min
Delta R.T.: 0.024 min
Response: 8705031
Conc: 57.82 ug/ml

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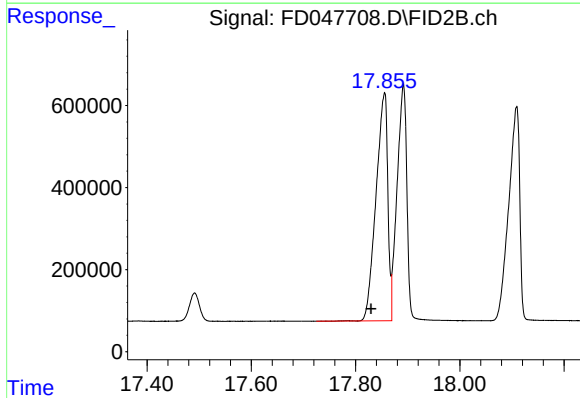
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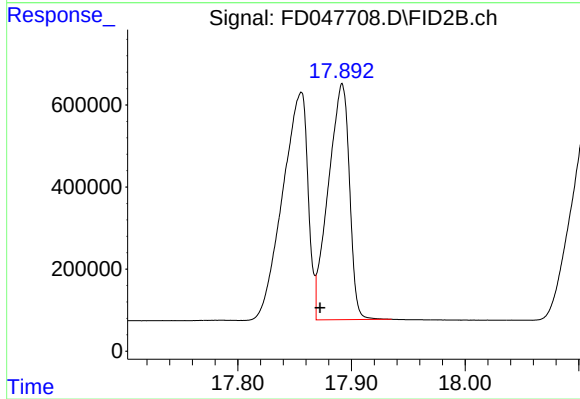
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.018 min
Response: 8426089
Conc: 58.40 ug/ml



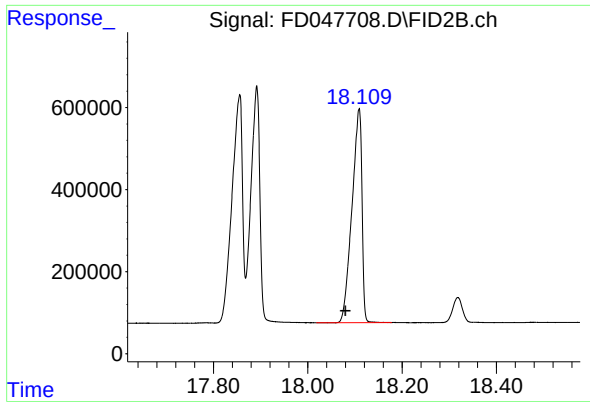
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.025 min
Response: 8707402
Conc: 64.16 ug/ml



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

R.T.: 17.892 min
Delta R.T.: 0.019 min
Response: 7406430
Conc: 51.73 ug/ml m



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

R.T.: 18.108 min
Delta R.T.: 0.028 min
Response: 7673844
Conc: 55.89 ug/ml

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