

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048235.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 17:01
 Operator : YP/AJ
 Sample : PB163063BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163063BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:58:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.393	7154422	47.932 ug/ml
Spiked Amount 50.000		Recovery =	95.86%
6) S 2-Fluorobiphenyl (SURR)	8.244	4602823	48.088 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.18%
11) S ortho-Terphenyl (SURR)	11.281	6963921	41.342 ug/ml
Spiked Amount 50.000		Recovery =	82.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	6167363	36.181 ug/mlm
2) T Naphthalene (C11.7)	5.733	7093650	40.709 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	7336962	42.189 ug/ml
5) T Acenaphthylene (C15.06)	8.047	7574843	43.993 ug/ml
7) T Acenaphthene (C15.5)	8.343	7579102	43.771 ug/ml
8) T Fluorene (C16.55)	9.121	7682392	46.585 ug/ml
9) T Phenanthrene (C19.36)	10.509	7854543	49.077 ug/ml
10) T Anthracene (C19.43)	10.585	7878577	50.226 ug/ml
12) T Fluoranthene (C21.85)	12.314	9046476	56.820 ug/ml
13) T Pyrene (C20.8)	12.607	8134539	51.833 ug/ml
14) T Benzo[a]anthracene (C...	14.476	7494099	53.201 ug/ml
15) T Chrysene (C27.41)	14.520	7656516	48.033 ug/ml
16) T benzo[b]fluoranthene ...	16.023	7657030	51.573 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.058	7550093	50.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	7274353	49.394 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	7435445	60.828 ug/mlm
20) T Dibenz[a,h]anthracene...	17.802	6953543	45.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	7008525	46.411 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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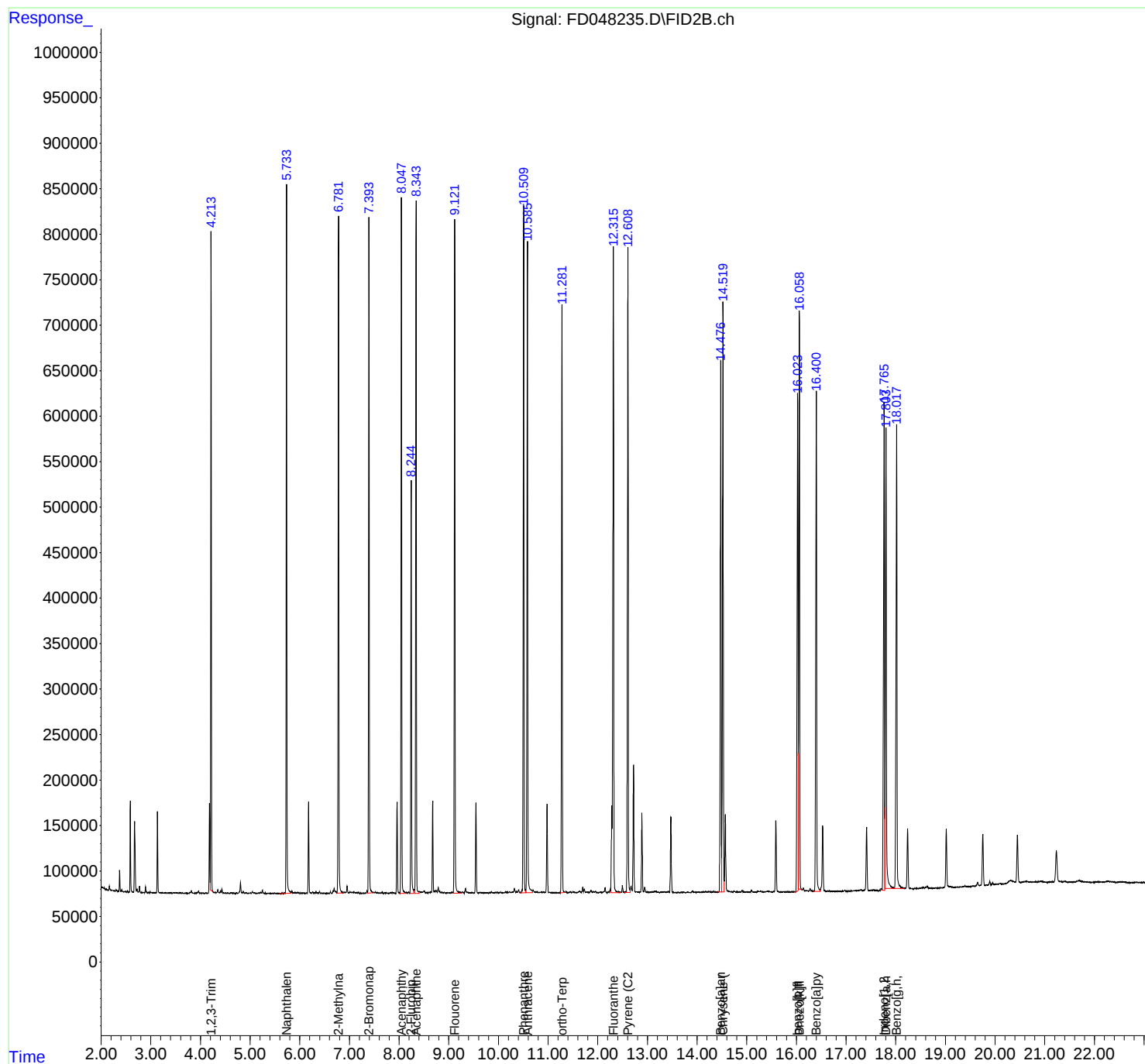
Response via : Initial Calibration

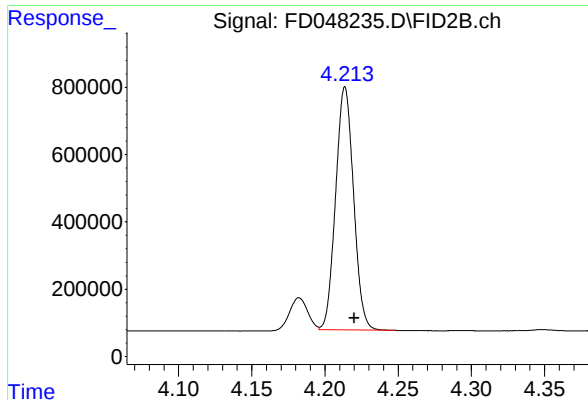
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 6167363
Conc: 36.18 ug/ml

Instrument :

FID_D

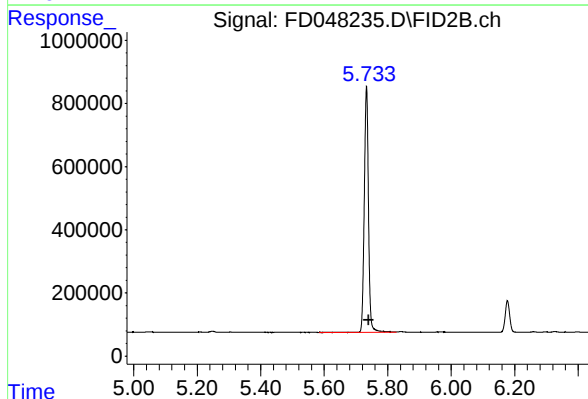
ClientSampleId :

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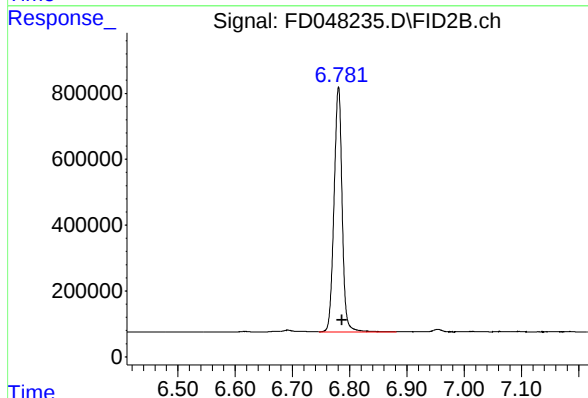
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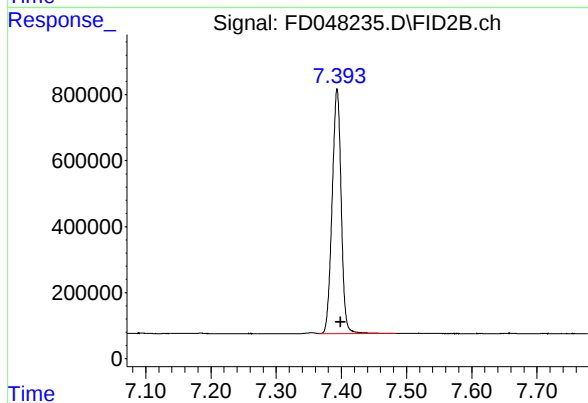
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 7093650
Conc: 40.71 ug/ml



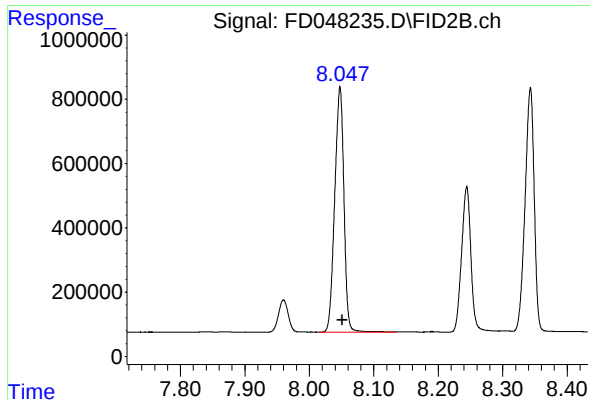
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.006 min
Response: 7336962
Conc: 42.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 7154422
Conc: 47.93 ug/ml



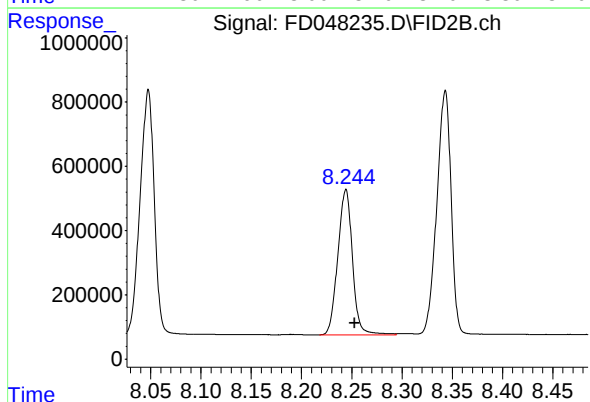
#5 Acenaphthylene (C15.06)

R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 7574843
Conc: 43.99 ug/ml

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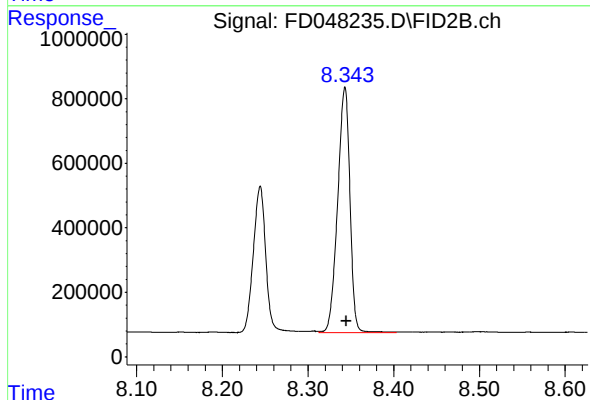
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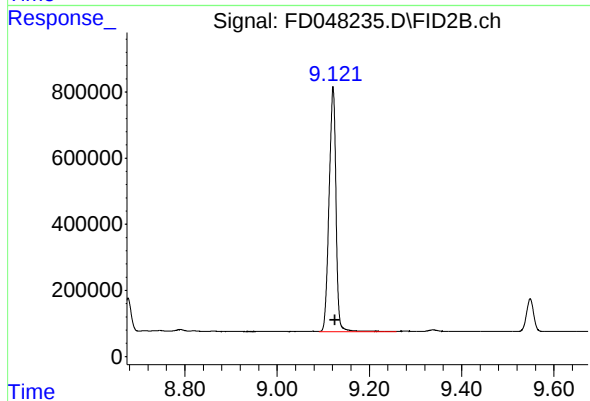
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 4602823
Conc: 48.09 ug/ml



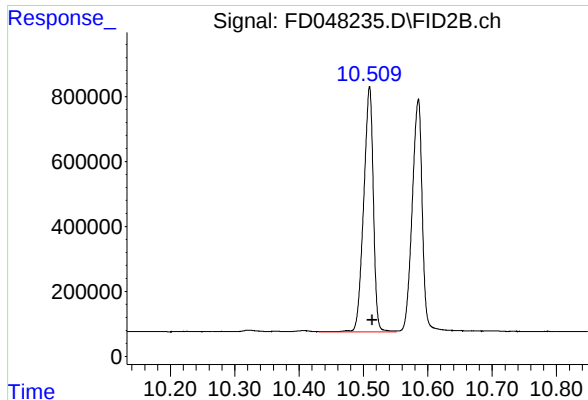
#7 Acenaphthene (C15.5)

R.T.: 8.343 min
Delta R.T.: -0.002 min
Response: 7579102
Conc: 43.77 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 7682392
Conc: 46.59 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.509 min
Delta R.T.: -0.005 min
Response: 7854543
Conc: 49.08 ug/ml

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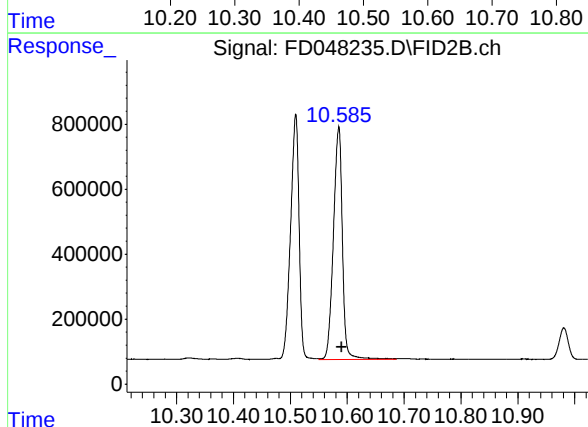
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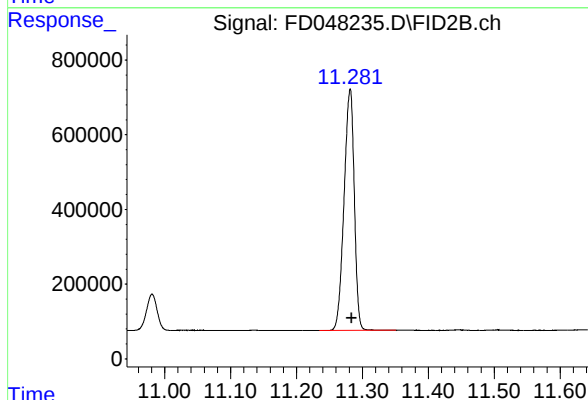
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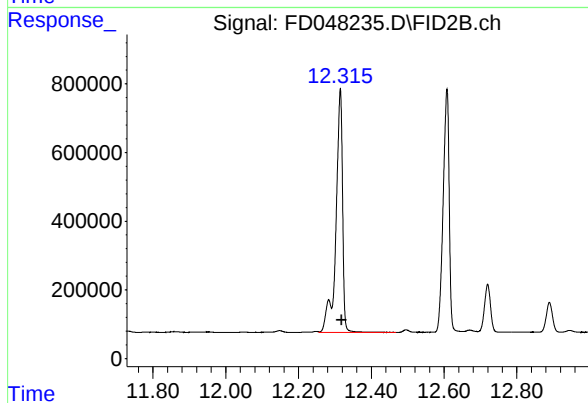
#10 Anthracene (C19.43)

R.T.: 10.585 min
Delta R.T.: -0.006 min
Response: 7878577
Conc: 50.23 ug/ml



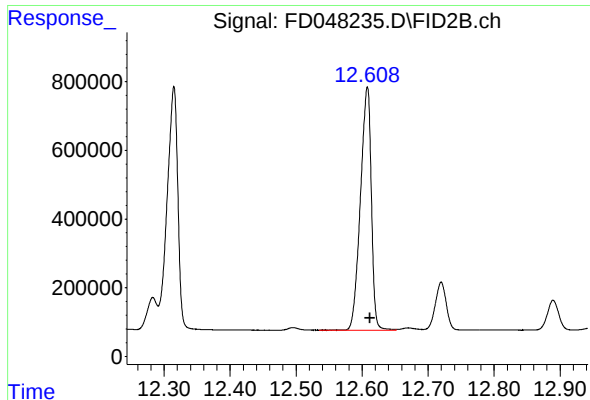
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min
Delta R.T.: -0.003 min
Response: 6963921
Conc: 41.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.314 min
Delta R.T.: -0.005 min
Response: 9046476
Conc: 56.82 ug/ml



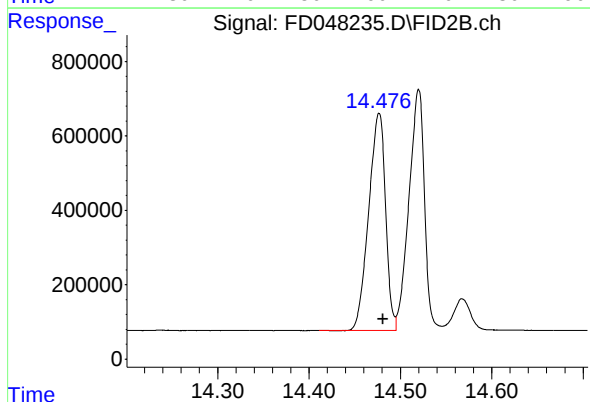
#13 Pyrene (C20.8)

R.T.: 12.607 min
Delta R.T.: -0.005 min
Response: 8134539
Conc: 51.83 ug/ml

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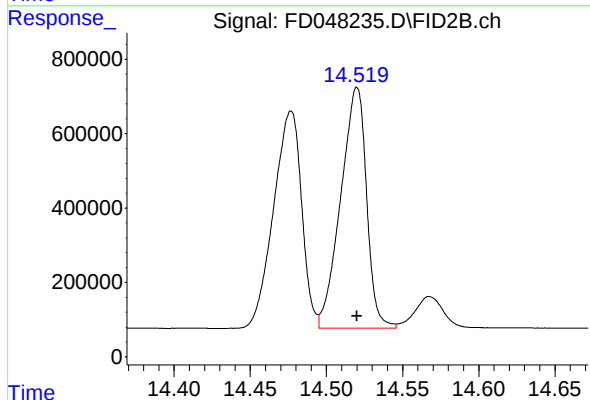
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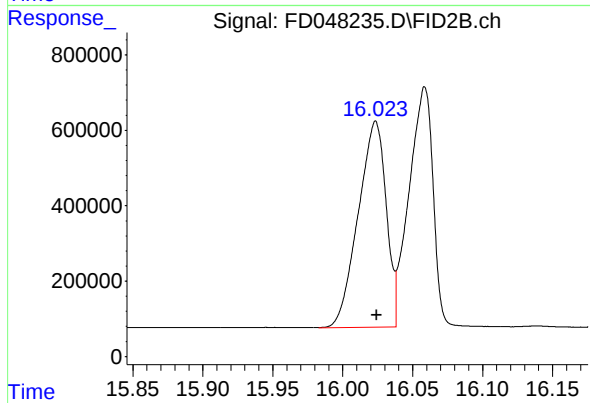
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: -0.005 min
Response: 7494099
Conc: 53.20 ug/ml



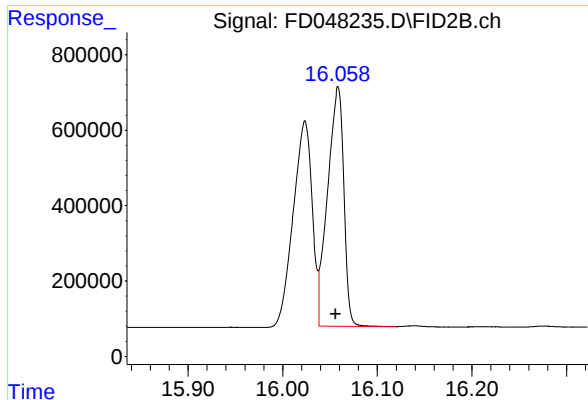
#15 Chrysene (C27.41)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 7656516
Conc: 48.03 ug/ml



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

R.T.: 16.023 min
Delta R.T.: -0.001 min
Response: 7657030
Conc: 51.57 ug/ml m



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

R.T.: 16.058 min
Delta R.T.: 0.002 min
Response: 7550093
Conc: 50.89 ug/ml

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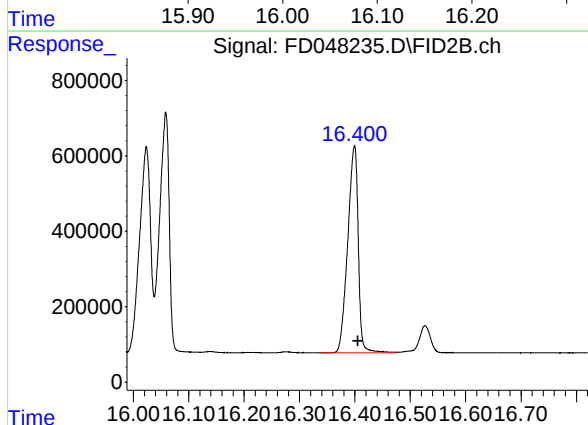
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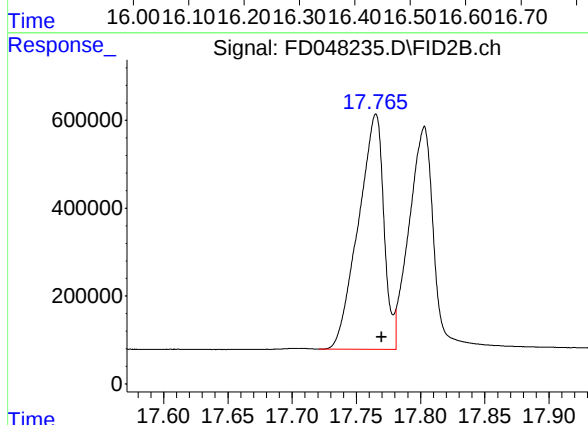
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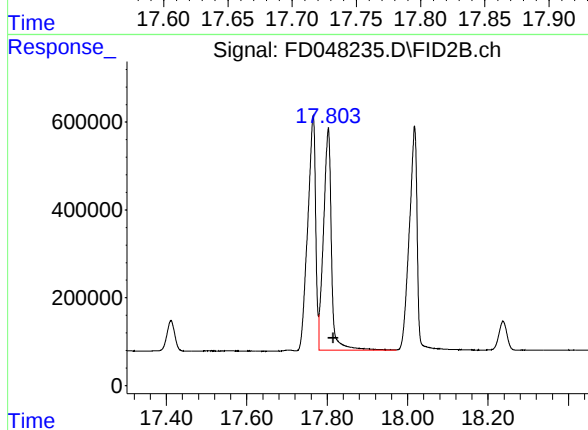
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: -0.008 min
Response: 7274353
Conc: 49.39 ug/ml



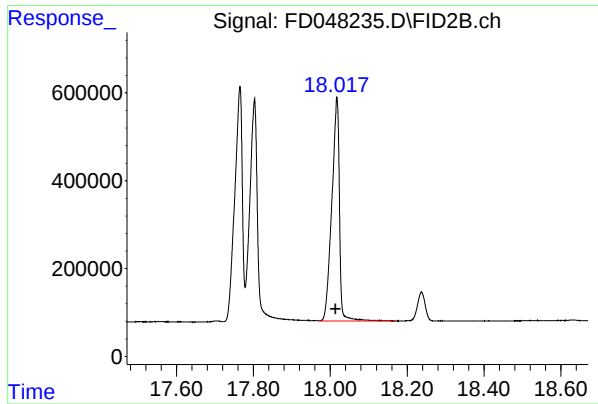
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.005 min
Response: 7435445
Conc: 60.83 ug/ml m



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

R.T.: 17.802 min
Delta R.T.: -0.012 min
Response: 6953543
Conc: 45.52 ug/ml



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

R.T.: 18.017 min
Delta R.T.: 0.002 min
Response: 7008525
Conc: 46.41 ug/ml

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