

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048906.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 16:26
 Operator : YP/AJ
 Sample : P5299-04MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:05:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rx1-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.361	10012703	59.445 ug/ml
Spiked Amount 50.000		Recovery =	118.89%
6) S 2-Fluorobiphenyl (SURR)	8.212	6489680	62.819 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.64%
11) S ortho-Terphenyl (SURR)	11.245	6211910	34.965 ug/ml
Spiked Amount 50.000		Recovery =	69.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6584574	34.777 ug/ml
2) T Naphthalene (C11.7)	5.701	7256934	37.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	6985047	37.802 ug/ml
5) T Acenaphthylene (C15.06)	8.013	7826476	41.935 ug/ml
7) T Acenaphthene (C15.5)	8.309	8543432	45.874 ug/ml
8) T Flouorene (C16.55)	9.087	8508422	47.616 ug/ml
9) T Phenanthrene (C19.36)	10.474	8579585	51.367 ug/ml
10) T Anthracene (C19.43)	10.551	8672415	51.098 ug/ml
12) T Fluoranthene (C21.85)	12.281	8549657	52.232 ug/mlm
13) T Pyrene (C20.8)	12.573	8446838	51.935 ug/ml
14) T Benzo[a]anthracene (C...	14.443	7761048	58.747 ug/ml
15) T Chrysene (C27.41)	14.486	7667487	47.494 ug/ml
16) T benzo[b]fluoranthene ...	15.992	7752671	57.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	7983197	52.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	7568353	54.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	7614643	71.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	7354473	50.711 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	7490086	53.421 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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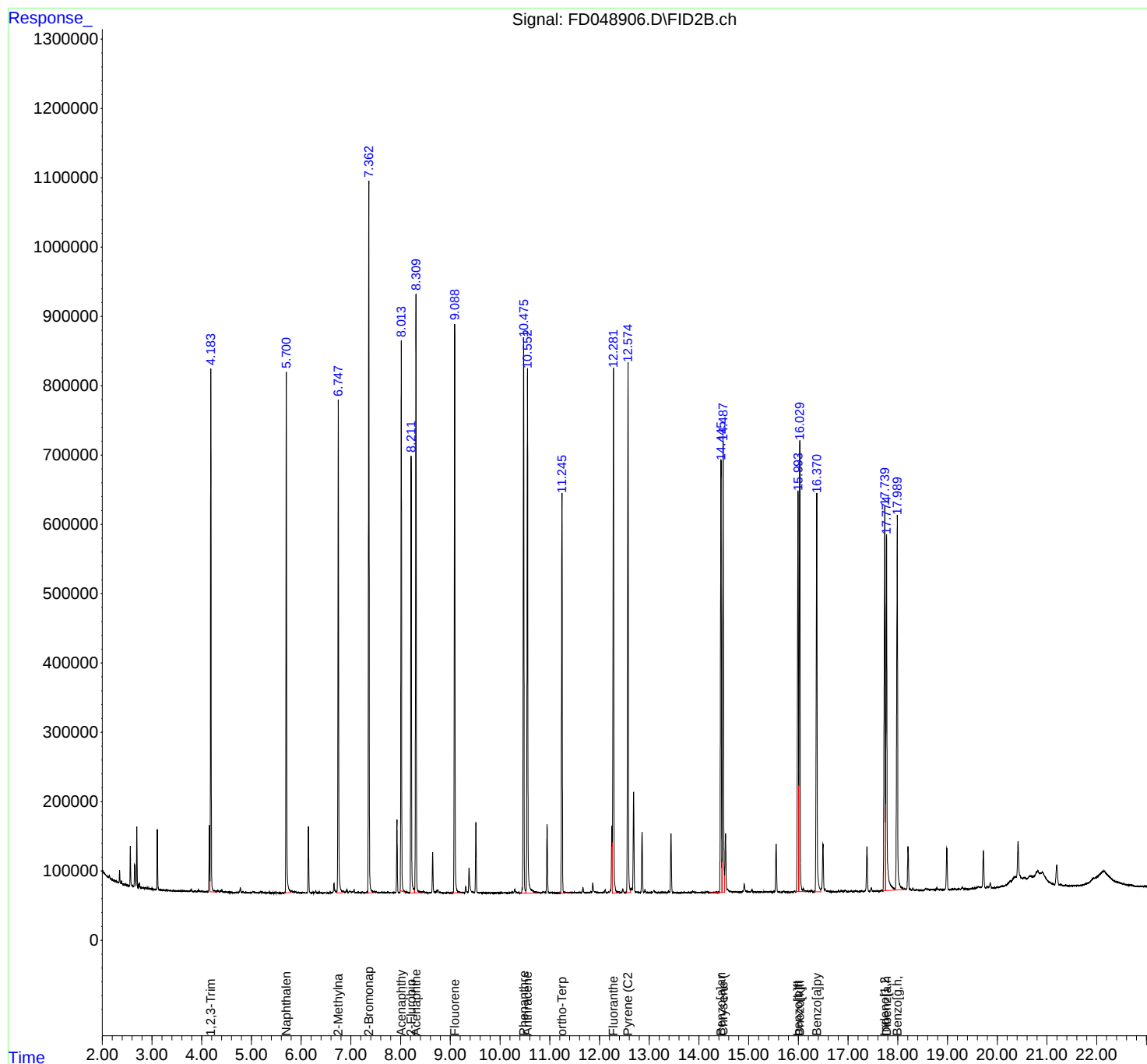
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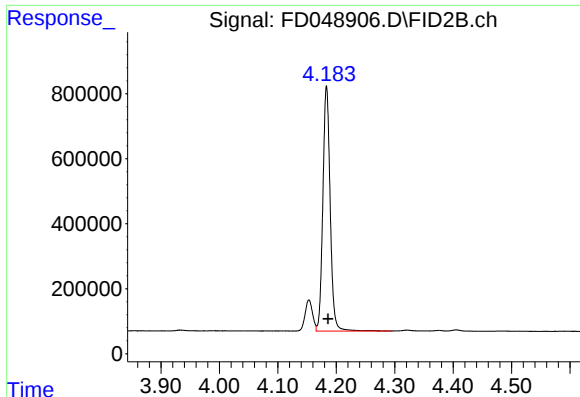
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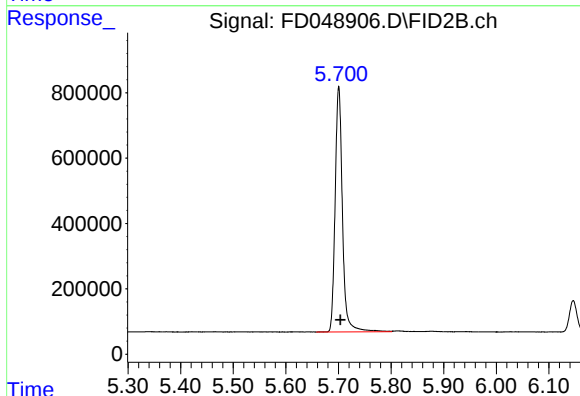
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 6584574
Conc: 34.78 ug/ml

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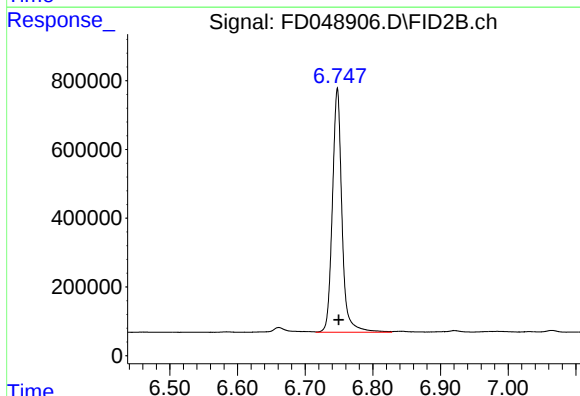
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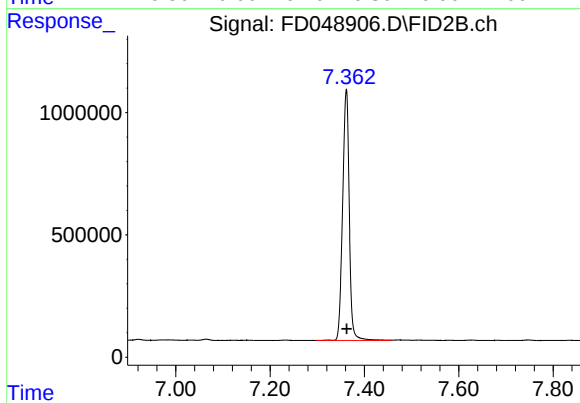
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 7256934
Conc: 37.98 ug/ml



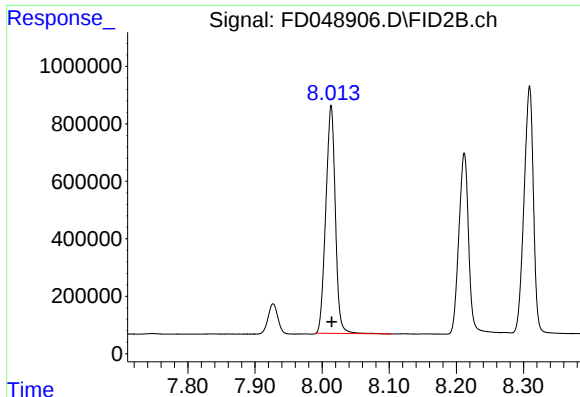
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 6985047
Conc: 37.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 10012703
Conc: 59.45 ug/ml



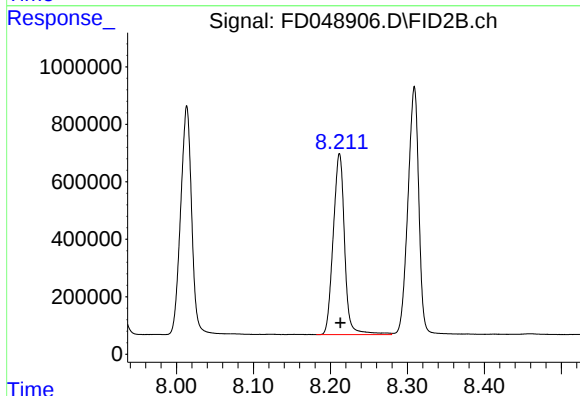
#5 Acenaphthylene (C15.06)

R.T.: 8.013 min
Delta R.T.: -0.001 min
Response: 7826476
Conc: 41.94 ug/ml

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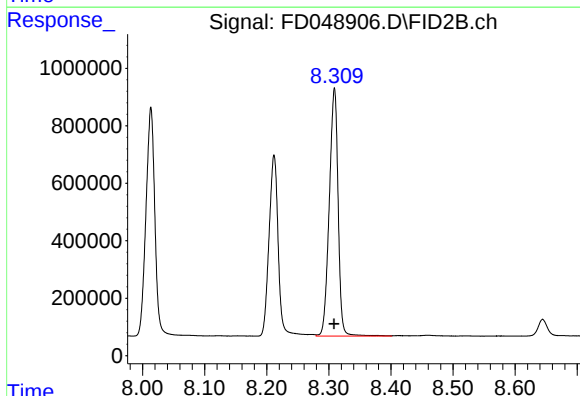
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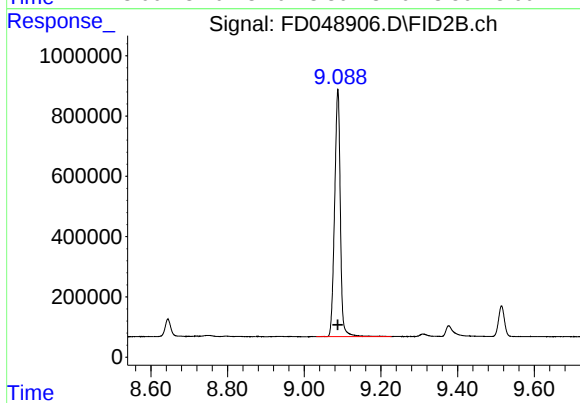
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 6489680
Conc: 62.82 ug/ml



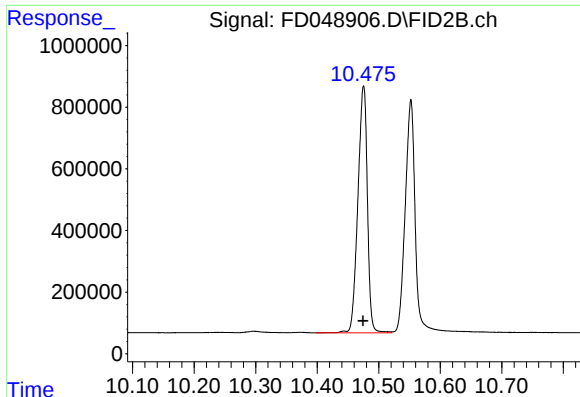
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 8543432
Conc: 45.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 8508422
Conc: 47.62 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 8579585
Conc: 51.37 ug/ml

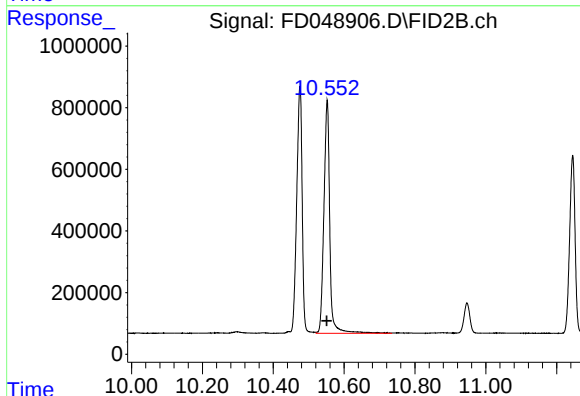
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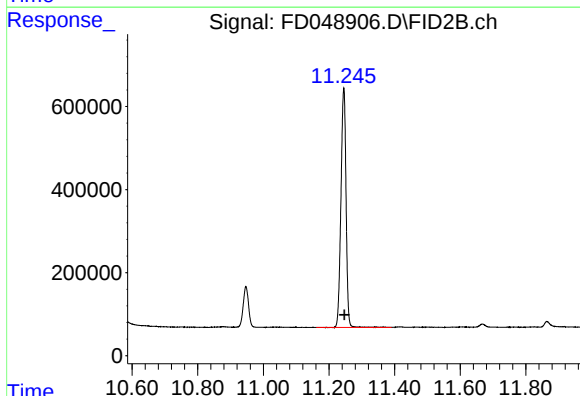
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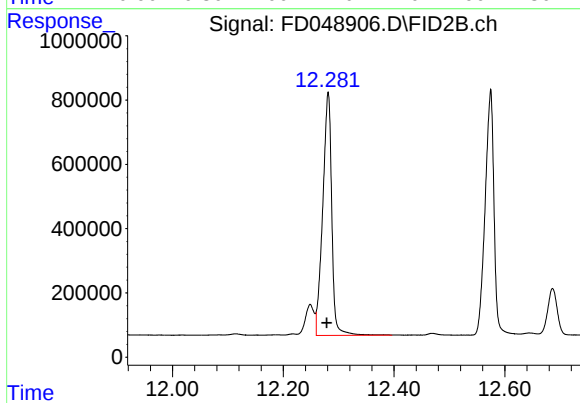
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 8672415
Conc: 51.10 ug/ml



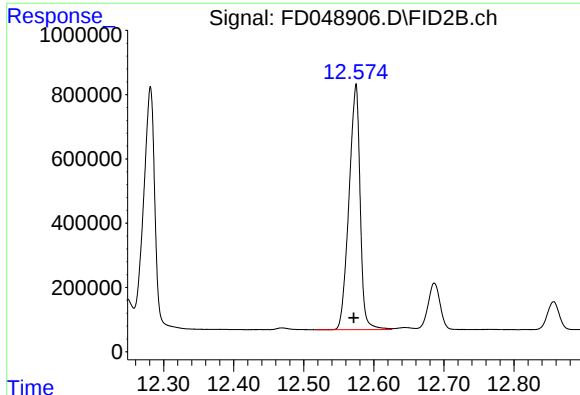
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 6211910
Conc: 34.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.281 min
Delta R.T.: 0.002 min
Response: 8549657
Conc: 52.23 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: 0.001 min
Response: 8446838
Conc: 51.93 ug/ml

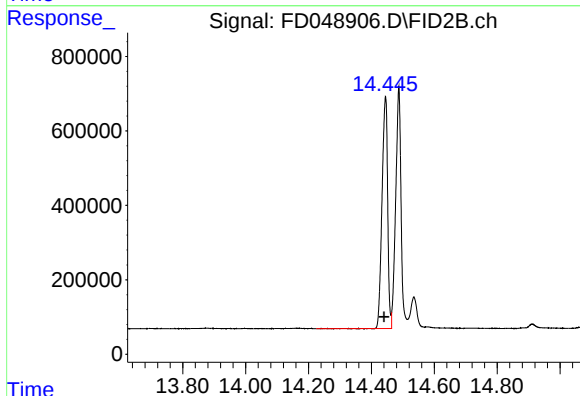
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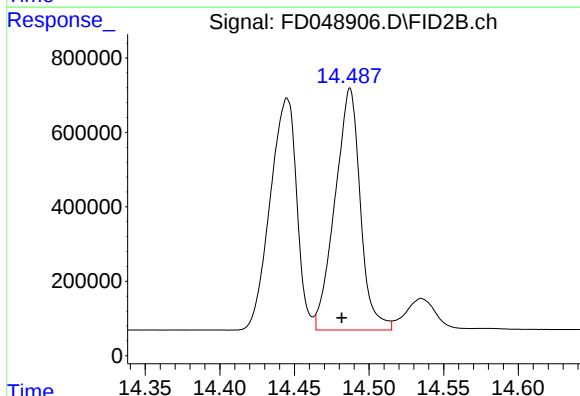
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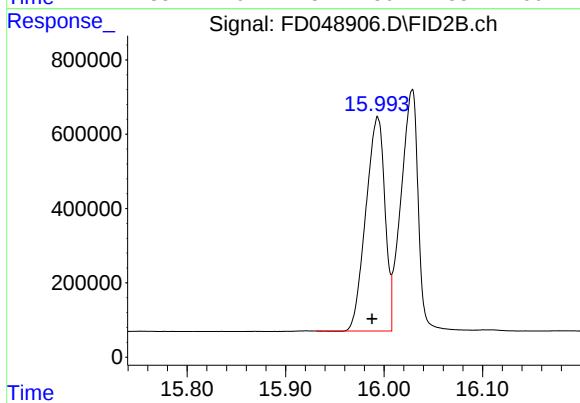
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.003 min
Response: 7761048
Conc: 58.75 ug/ml



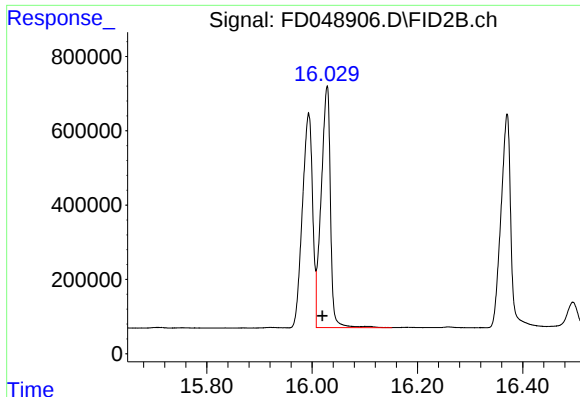
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.004 min
Response: 7667487
Conc: 47.49 ug/ml



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

R.T.: 15.992 min
Delta R.T.: 0.005 min
Response: 7752671
Conc: 57.59 ug/ml



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

R.T.: 16.026 min
Delta R.T.: 0.007 min
Response: 7983197
Conc: 52.41 ug/ml

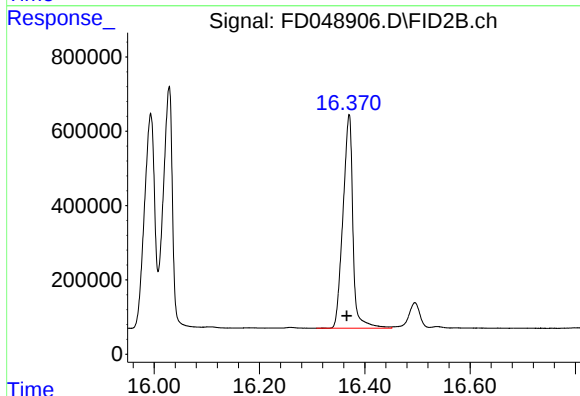
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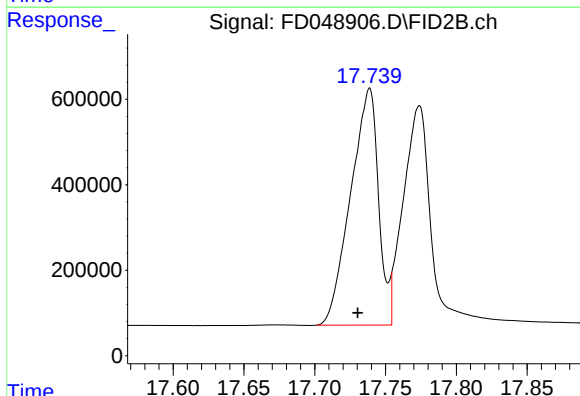
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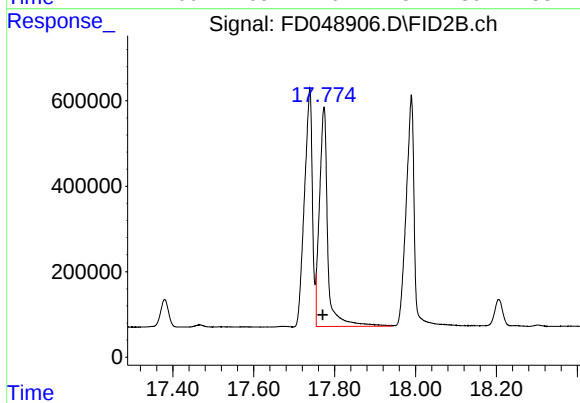
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: 0.002 min
Response: 7568353
Conc: 54.72 ug/ml



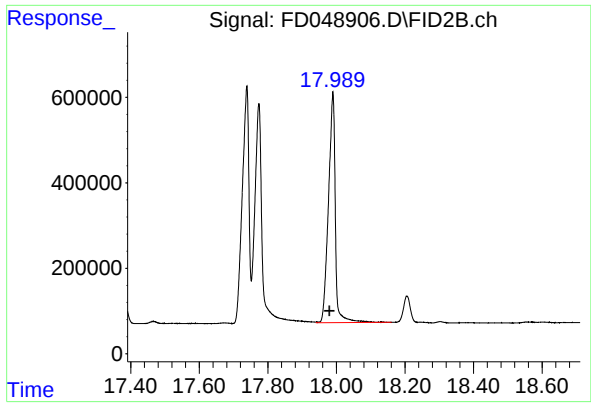
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: 0.006 min
Response: 7614643
Conc: 71.45 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.001 min
Response: 7354473
Conc: 50.71 ug/ml



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

R.T.: 17.988 min
Delta R.T.: 0.009 min
Response: 7490086
Conc: 53.42 ug/ml

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