

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048827.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 11:12
 Operator : YP/AJ
 Sample : P5002-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EX-7-TPH-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 02:41:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.370	12339244	70.086 ug/ml
Spiked Amount 50.000		Recovery =	140.17%
6) S 2-Fluorobiphenyl (SURR)	8.225	6749147	58.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.20%
11) S ortho-Terphenyl (SURR)	11.267	8281470	43.057 ug/mlm
Spiked Amount 50.000		Recovery =	86.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5380354	28.549 ug/ml
2) T Naphthalene (C11.7)	5.705	7419466	37.937 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	14964132	78.303 ug/ml
5) T Acenaphthylene (C15.06)	8.028	23076682	118.997 ug/mlm
7) T Acenaphthene (C15.5)	8.324	12508010	65.029 ug/ml
8) T Flouorene (C16.55)	9.109	15891193	82.830 ug/mlm
9) T Phenanthrene (C19.36)	10.504	24719042	134.854 ug/mlm
10) T Anthracene (C19.43)	10.576	12104711	64.638 ug/mlm
12) T Fluoranthene (C21.85)	12.304	11873039	64.837 ug/mlm
13) T Pyrene (C20.8)	12.596	11251705	62.235 ug/mlm
14) T Benzo[a]anthracene (C...	14.456	8460596	51.432 ug/ml
15) T Chrysene (C27.41)	14.498	8399914	47.996 ug/ml
16) T benzo[b]fluoranthene ...	16.003	7681734	48.891 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	7340747	44.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	7155791	47.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	7338313	59.405 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	6790729	43.304 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	6582433	46.132 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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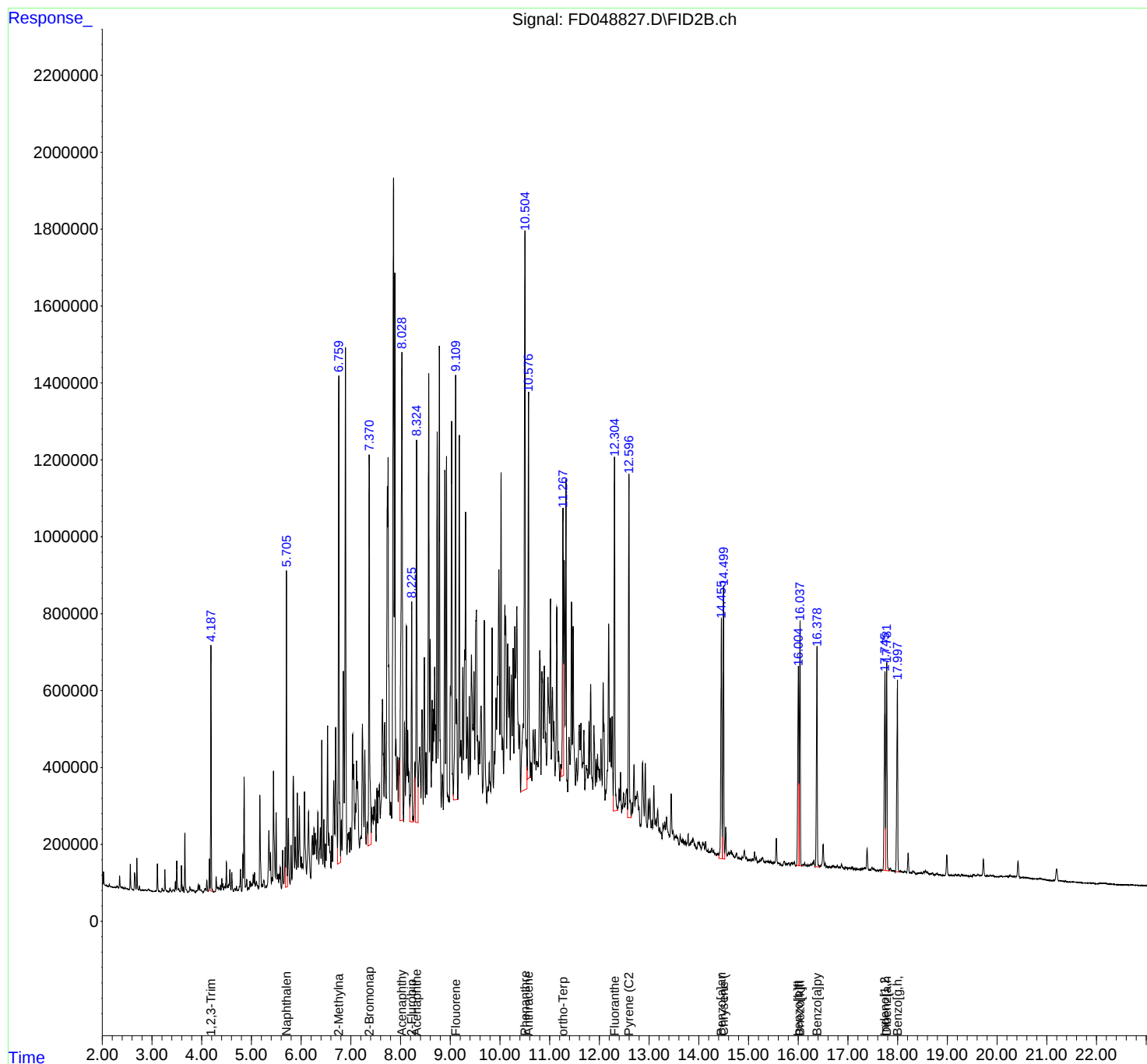
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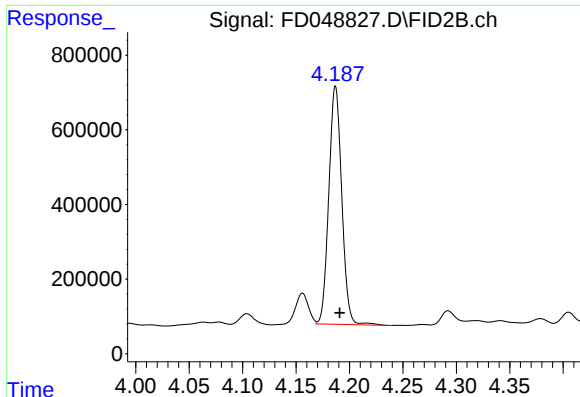
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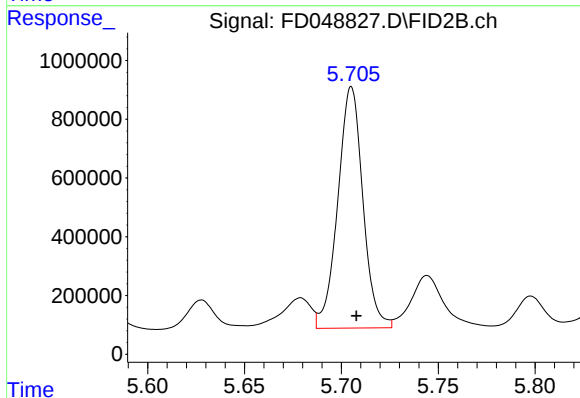
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 5380354
Conc: 28.55 ug/ml

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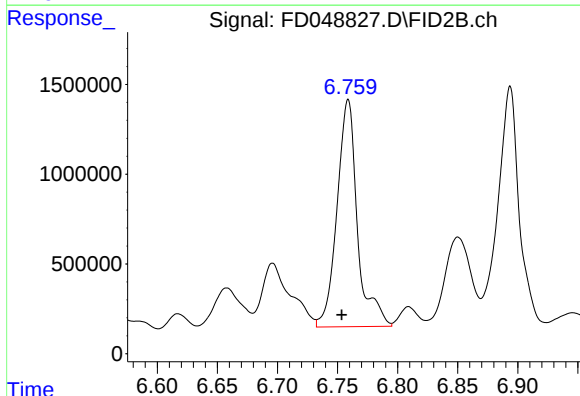
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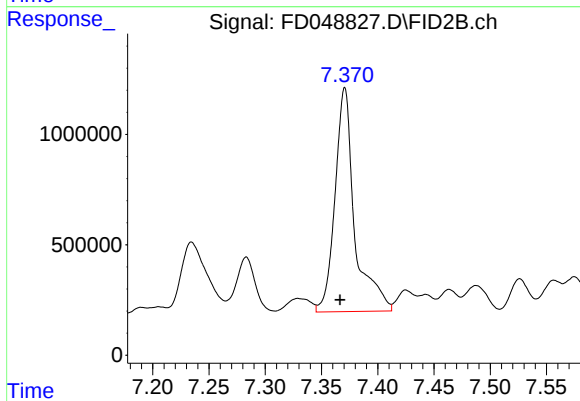
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 7419466
Conc: 37.94 ug/ml



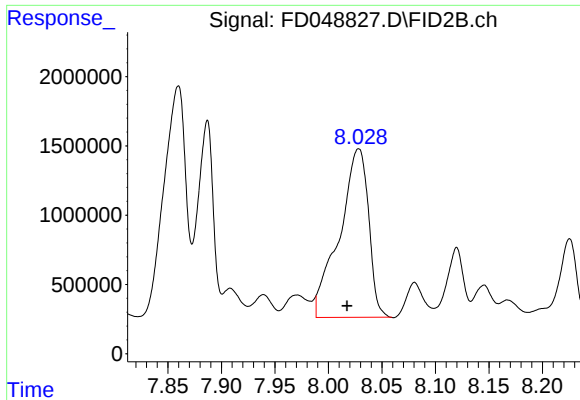
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 14964132
Conc: 78.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: 0.004 min
Response: 12339244
Conc: 70.09 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: 0.010 min
Response: 23076682
Conc: 119.00 ug/ml

Instrument :

FID_D

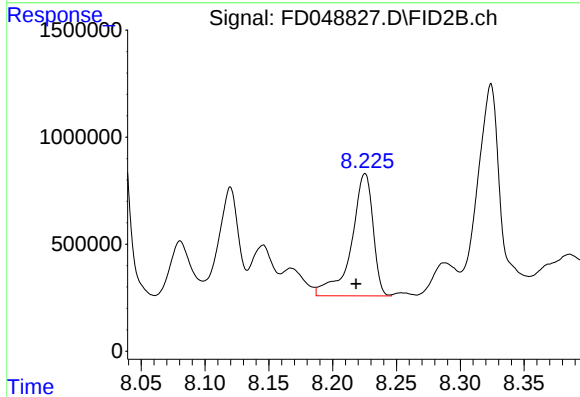
ClientSampleId :

EX-7-TPH-1MS

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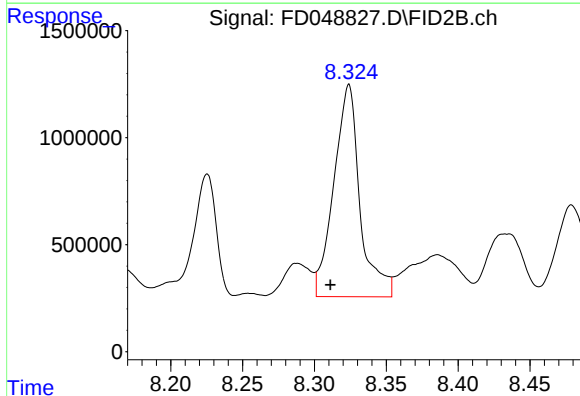
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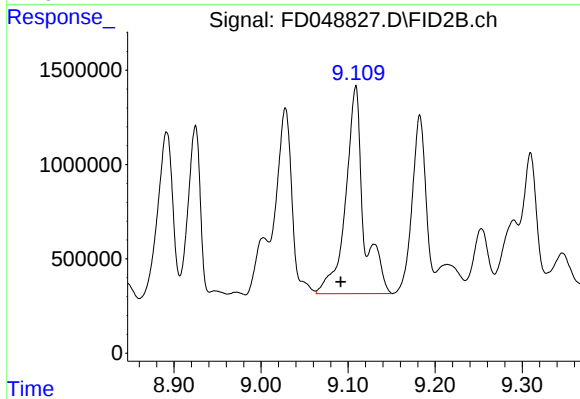
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: 0.007 min
Response: 6749147
Conc: 58.60 ug/ml



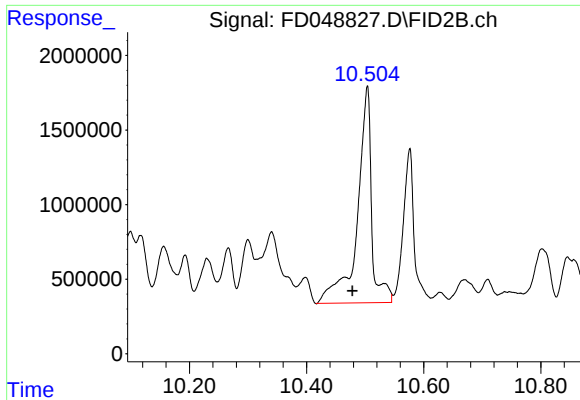
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.012 min
Response: 12508010
Conc: 65.03 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.017 min
Response: 15891193
Conc: 82.83 ug/ml m



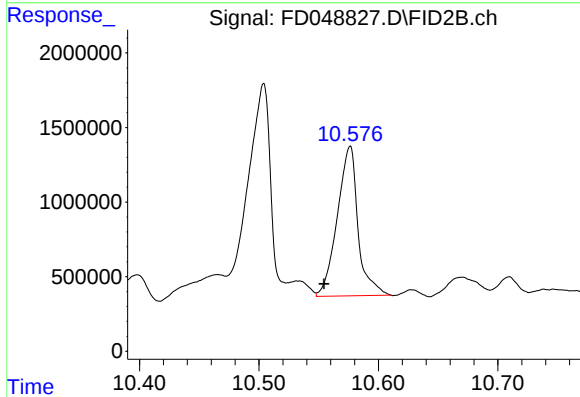
#9 Phenanthrene (C19.36)

R.T.: 10.504 min
Delta R.T.: 0.026 min
Response: 24719042
Conc: 134.85 ug/ml

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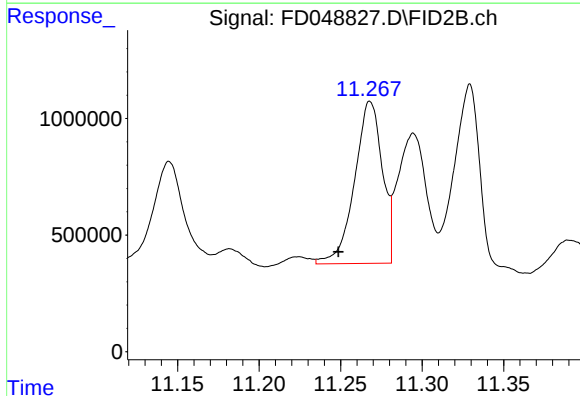
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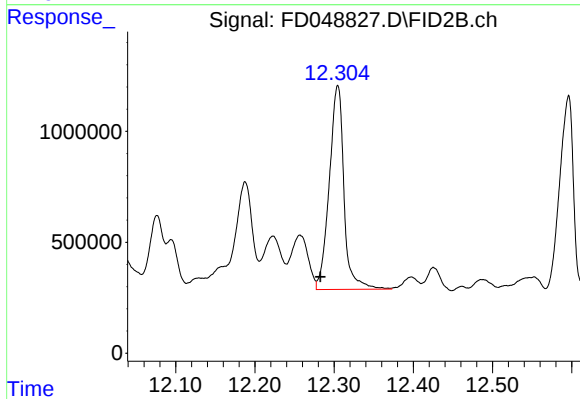
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: 0.022 min
Response: 12104711
Conc: 64.64 ug/ml m



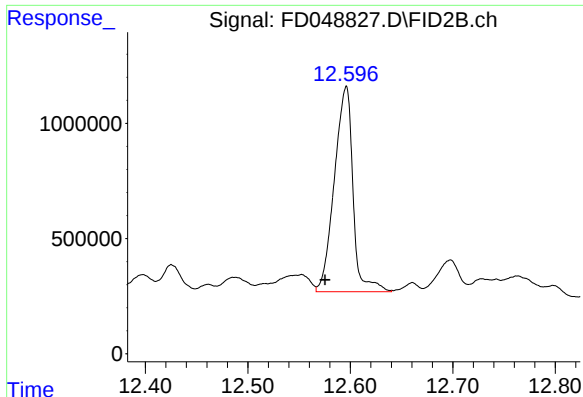
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.019 min
Response: 8281470
Conc: 43.06 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: 0.022 min
Response: 11873039
Conc: 64.84 ug/ml m



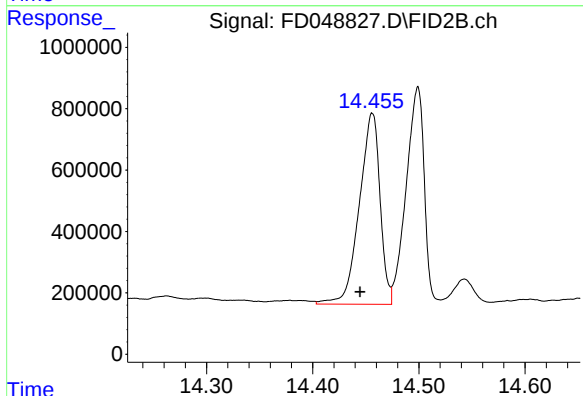
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: 0.021 min
Response: 11251705
Conc: 62.24 ug/ml

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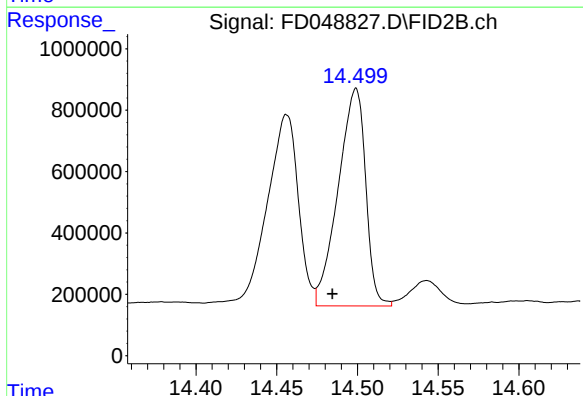
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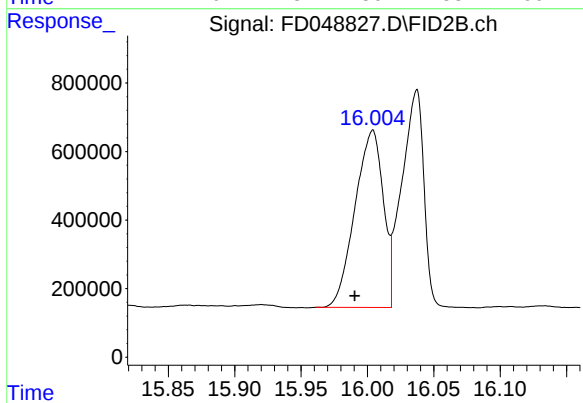
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.011 min
Response: 8460596
Conc: 51.43 ug/ml



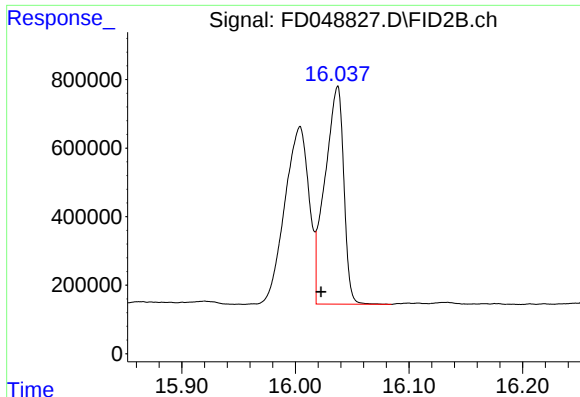
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: 0.014 min
Response: 8399914
Conc: 48.00 ug/ml



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

R.T.: 16.003 min
Delta R.T.: 0.013 min
Response: 7681734
Conc: 48.89 ug/ml



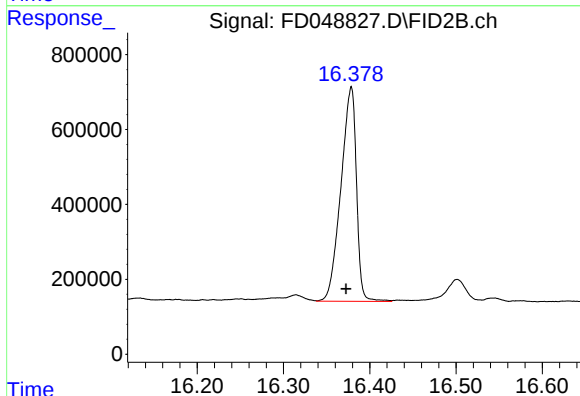
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: 0.014 min
Response: 7340747
Conc: 44.98 ug/ml

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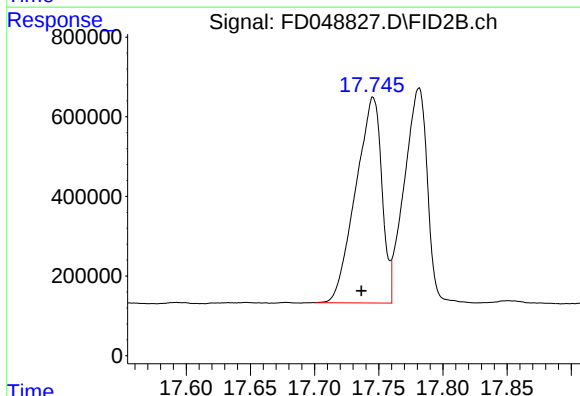
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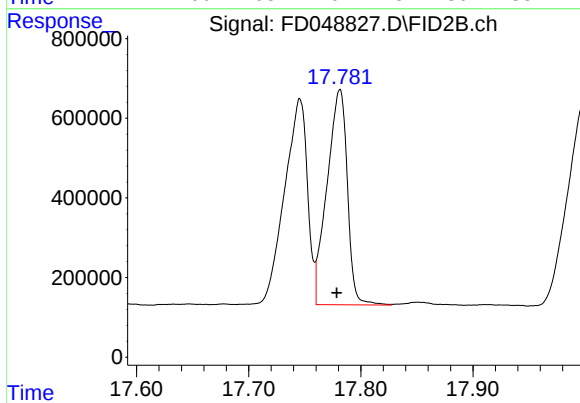
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: 0.005 min
Response: 7155791
Conc: 47.99 ug/ml



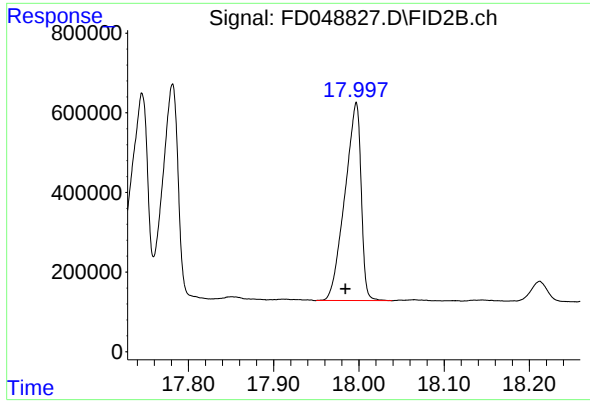
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.008 min
Response: 7338313
Conc: 59.41 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.002 min
Response: 6790729
Conc: 43.30 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.012 min
Response: 6582433
Conc: 46.13 ug/ml

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