

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048821.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 07:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 02:33:52 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...	7.364	3714215	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
6) S 2-Fluorobiphenyl (SURR)	8.214	2434847	21.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.28%
11) S ortho-Terphenyl (SURR)	11.248	4182536	21.746 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	4134484	21.938 ug/ml
2) T Naphthalene (C11.7)	5.703	4332505	22.153 ug/mlm
3) T 2-Methylnaphthalene (...)	6.751	4362975	22.830 ug/ml
5) T Acenaphthylene (C15.06)	8.016	4227947	21.802 ug/ml
7) T Acenaphthene (C15.5)	8.310	4314862	22.433 ug/ml
8) T Flouorene (C16.55)	9.088	4163808	21.703 ug/ml
9) T Phenanthrene (C19.36)	10.476	4034678	22.011 ug/ml
10) T Anthracene (C19.43)	10.552	3294091	17.590 ug/ml
12) T Fluoranthene (C21.85)	12.280	4053302	22.134 ug/ml
13) T Pyrene (C20.8)	12.573	3885823	21.493 ug/ml
14) T Benzo[a]anthracene (C...	14.442	3439605	20.909 ug/ml
15) T Chrysene (C27.41)	14.484	3773684	21.562 ug/ml
16) T benzo[b]fluoranthene ...	15.989	3337718	21.243 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	3554290	21.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	3163902	21.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2599342	21.042 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3559053	22.696 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	3129307	21.931 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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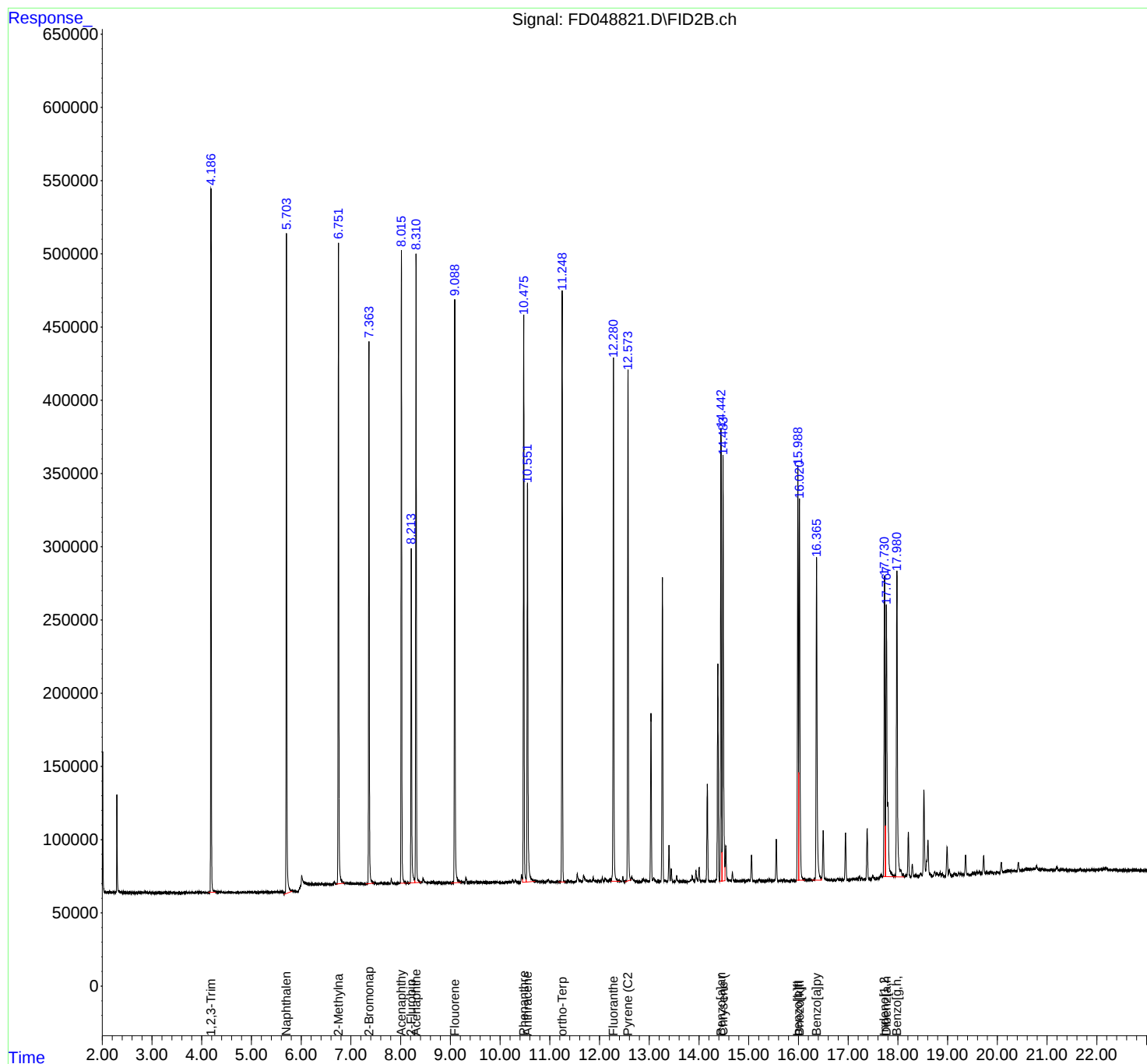
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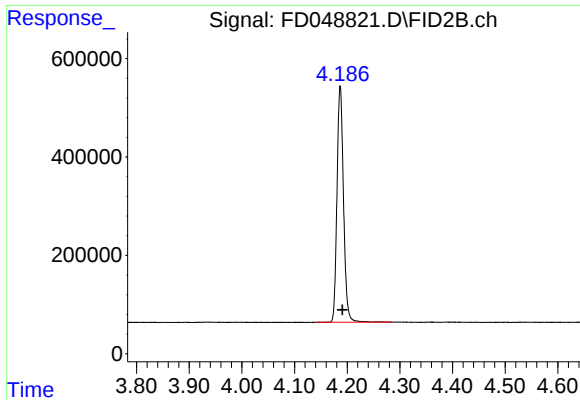
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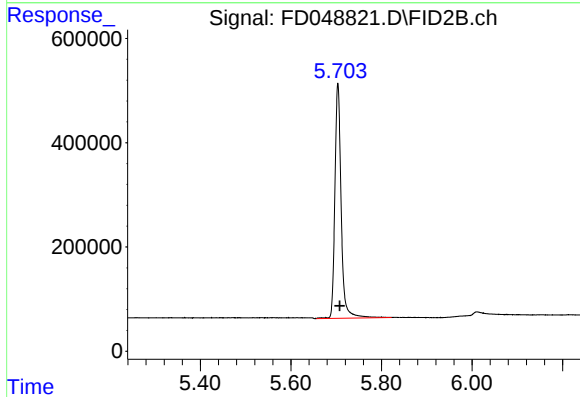
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 4134484
Conc: 21.94 ug/ml

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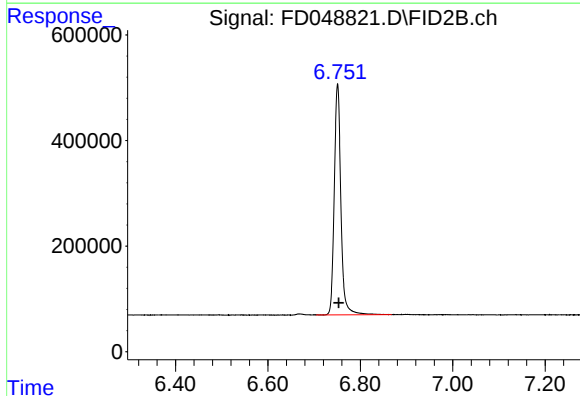
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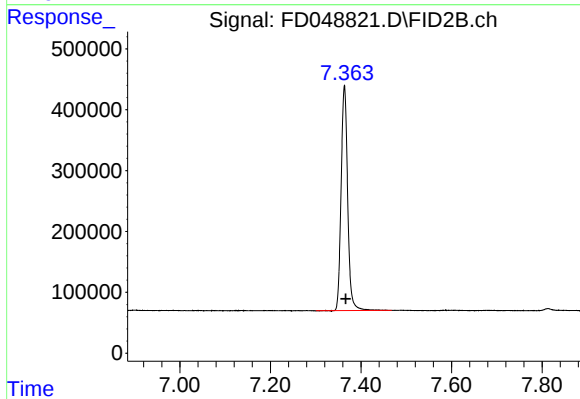
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 4332505
Conc: 22.15 ug/ml m



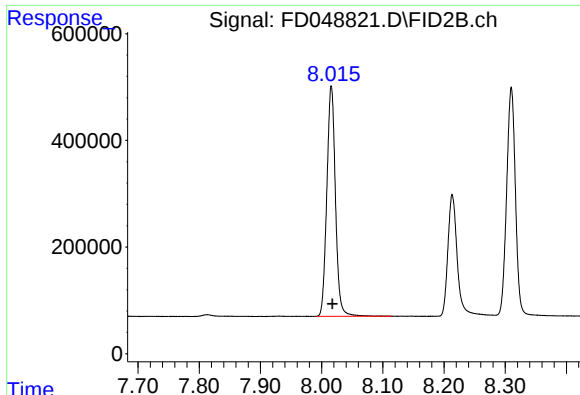
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 4362975
Conc: 22.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 3714215
Conc: 21.10 ug/ml



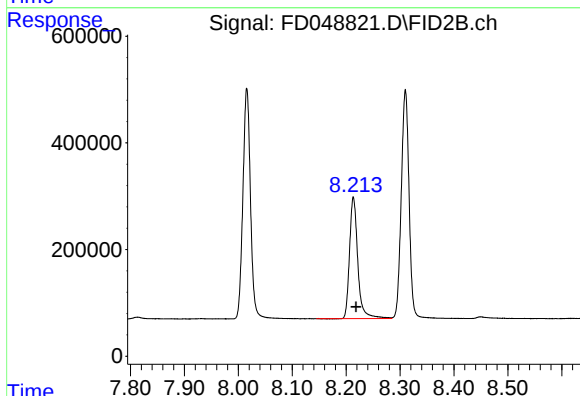
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 4227947
Conc: 21.80 ug/ml

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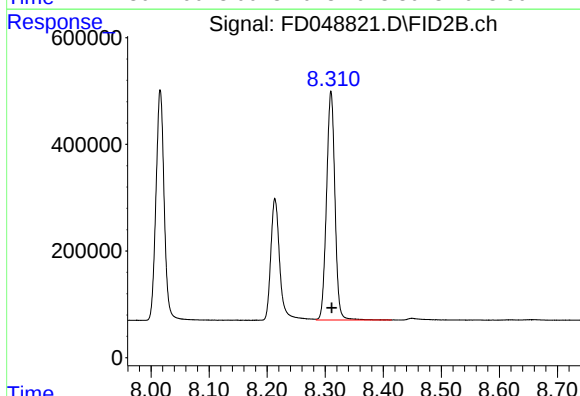
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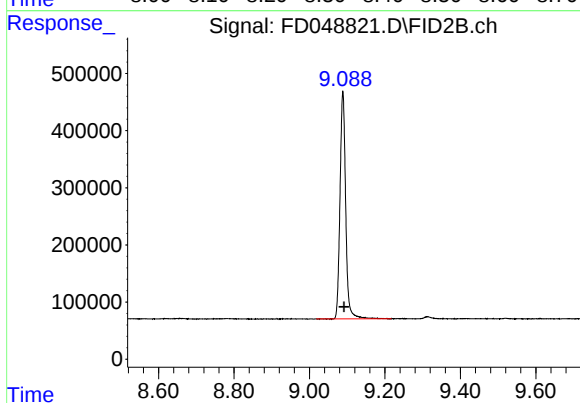
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 2434847
Conc: 21.14 ug/ml



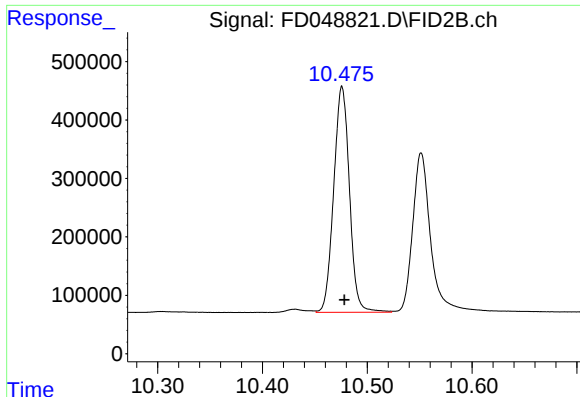
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 4314862
Conc: 22.43 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.088 min
Delta R.T.: -0.003 min
Response: 4163808
Conc: 21.70 ug/ml



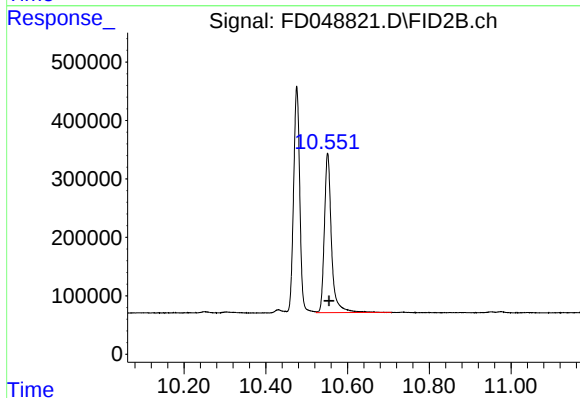
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: -0.002 min
Response: 4034678
Conc: 22.01 ug/ml

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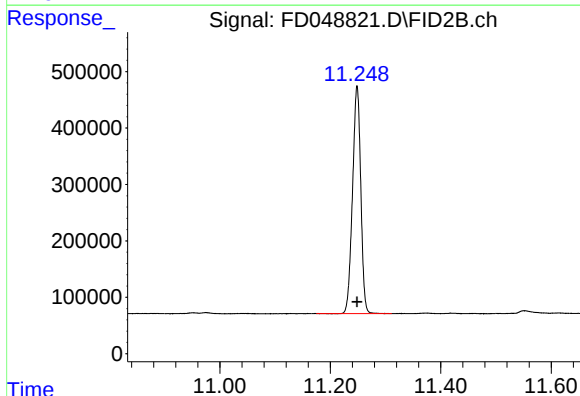
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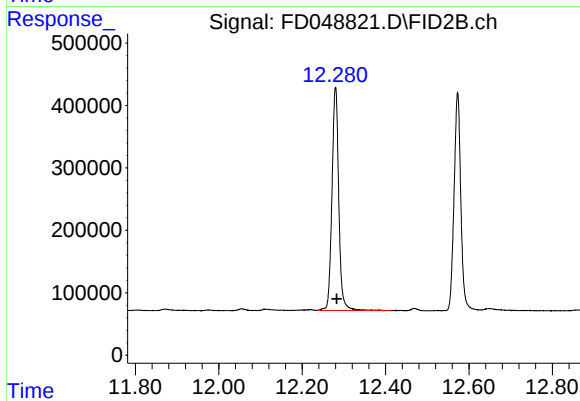
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.003 min
Response: 3294091
Conc: 17.59 ug/ml



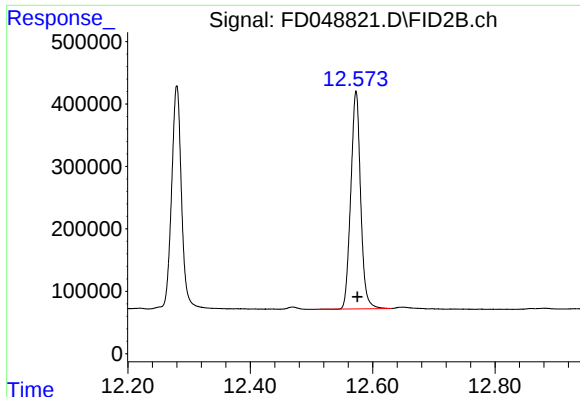
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 4182536
Conc: 21.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: -0.003 min
Response: 4053302
Conc: 22.13 ug/ml



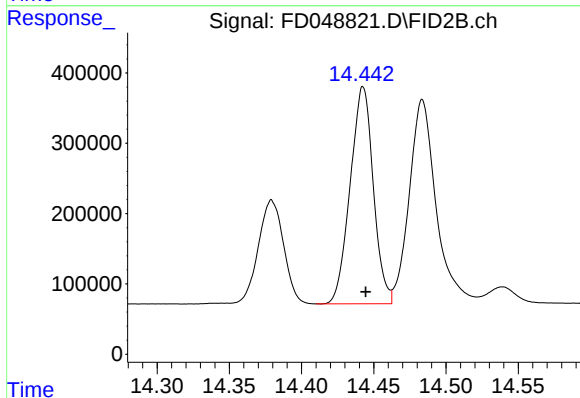
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.003 min
Response: 3885823
Conc: 21.49 ug/ml

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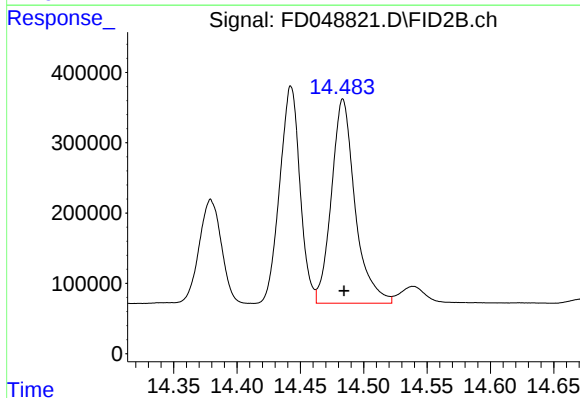
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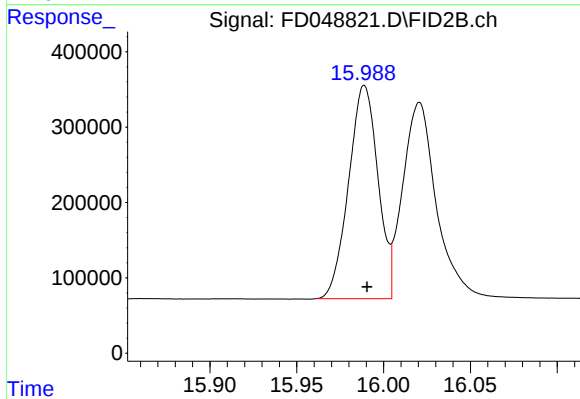
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.002 min
Response: 3439605
Conc: 20.91 ug/ml



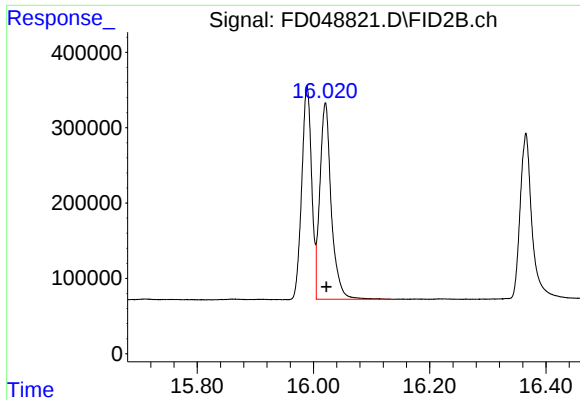
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.000 min
Response: 3773684
Conc: 21.56 ug/ml



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

R.T.: 15.989 min
Delta R.T.: -0.002 min
Response: 3337718
Conc: 21.24 ug/ml



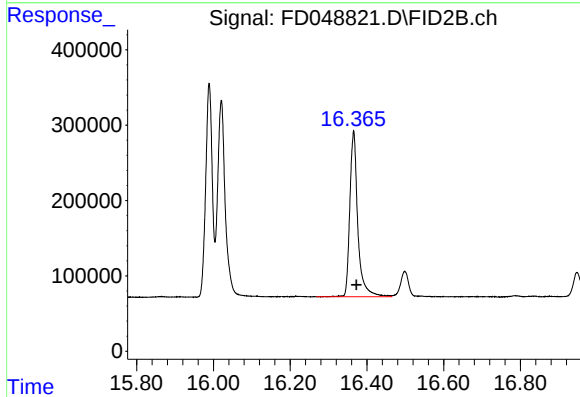
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min
Delta R.T.: -0.002 min
Response: 3554290
Conc: 21.78 ug/ml

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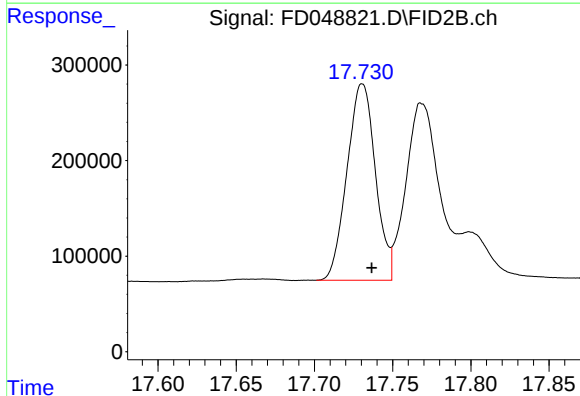
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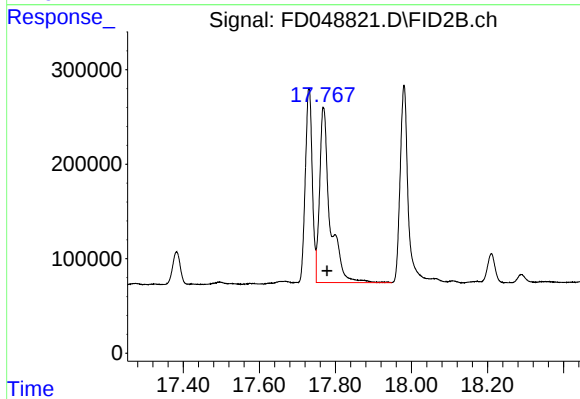
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.007 min
Response: 3163902
Conc: 21.22 ug/ml



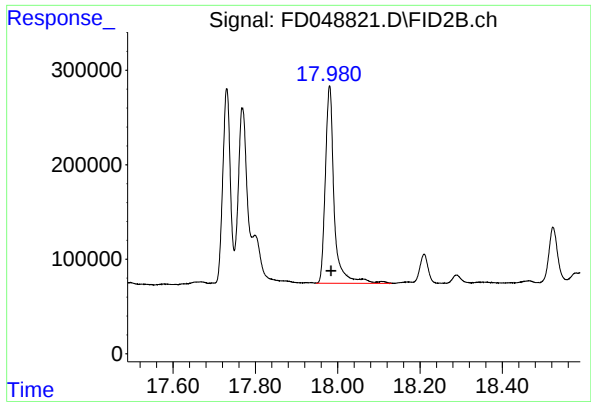
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.006 min
Response: 2599342
Conc: 21.04 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.009 min
Response: 3559053
Conc: 22.70 ug/ml



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

R.T.: 17.980 min
Delta R.T.: -0.004 min
Response: 3129307
Conc: 21.93 ug/ml

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