

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048841.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 19:13
 Operator : YP/AJ
 Sample : P5147-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EX-8-TPH-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e
 Quant Time: Dec 07 03:11:41 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...	7.367	11360785	64.528 ug/ml
Spiked Amount 50.000		Recovery =	129.06%
6) S 2-Fluorobiphenyl (SURR)	8.219	5880351	51.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.12%
11) S ortho-Terphenyl (SURR)	11.252	8189608	42.580 ug/ml
Spiked Amount 50.000		Recovery =	85.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	6894238	36.582 ug/ml
2) T Naphthalene (C11.7)	5.705	8500773	43.466 ug/mlm
3) T 2-Methylnaphthalene (...)	6.755	11910474	62.324 ug/ml
5) T Acenaphthylene (C15.06)	8.023	13473668	69.478 ug/mlm
7) T Acenaphthene (C15.5)	8.318	11476953	59.669 ug/ml
8) T Flouorene (C16.55)	9.097	12068103	62.903 ug/ml
9) T Phenanthrene (C19.36)	10.484	11969970	65.302 ug/ml
10) T Anthracene (C19.43)	10.559	10659505	56.921 ug/ml
12) T Fluoranthene (C21.85)	12.288	10343821	56.486 ug/ml
13) T Pyrene (C20.8)	12.582	10496264	58.057 ug/ml
14) T Benzo[a]anthracene (C...	14.450	8589709	52.216 ug/ml
15) T Chrysene (C27.41)	14.493	8658534	49.474 ug/ml
16) T benzo[b]fluoranthene ...	15.998	8116009	51.655 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	7938094	48.641 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	7676361	51.486 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	7897166	63.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	7435316	47.415 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	7152920	50.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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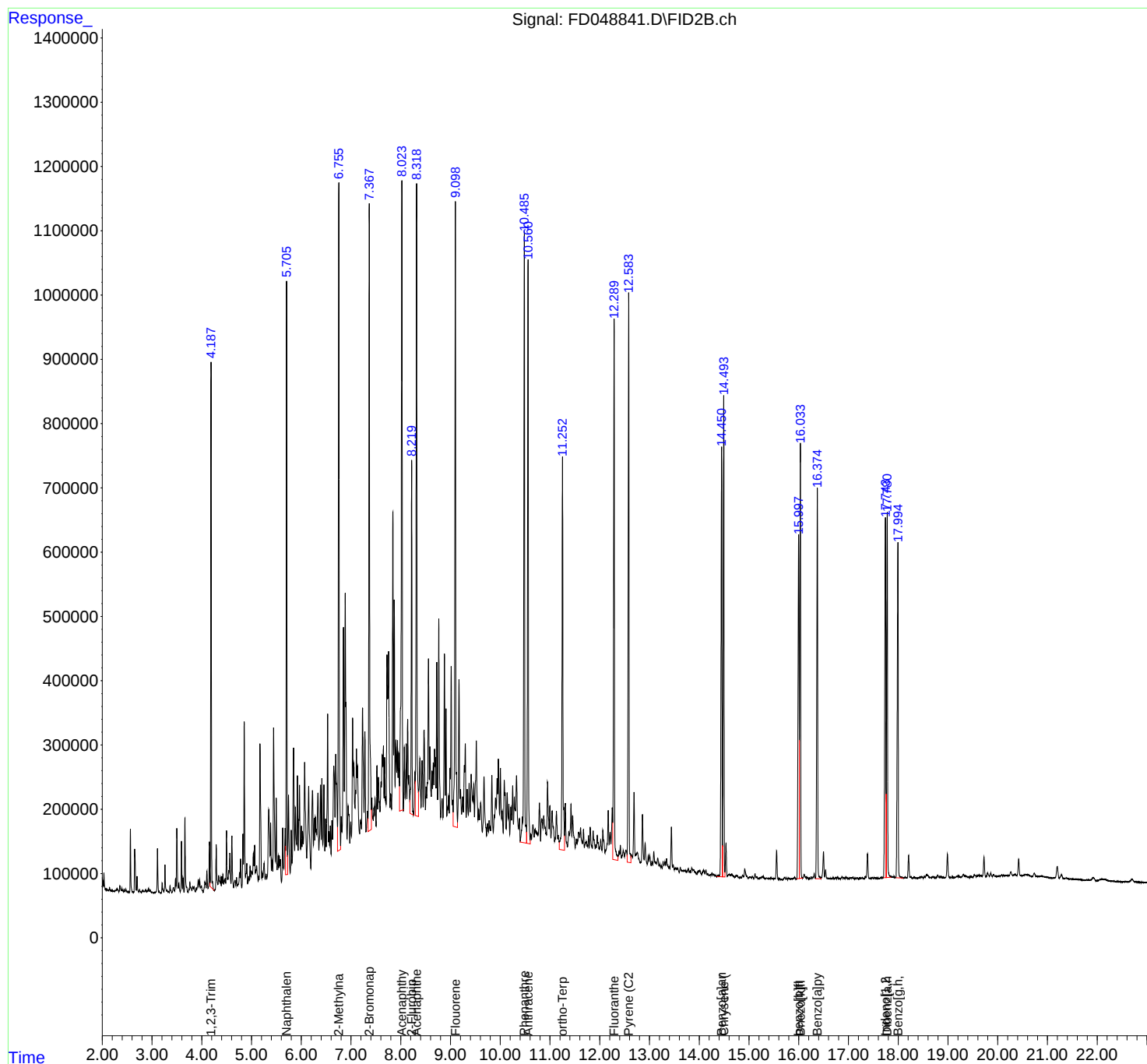
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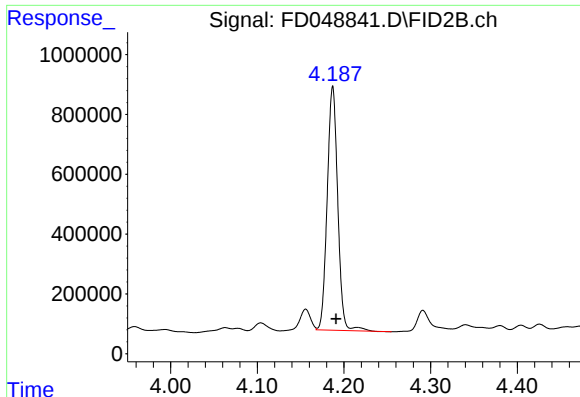
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 6894238
Conc: 36.58 ug/ml

Instrument :

FID_D

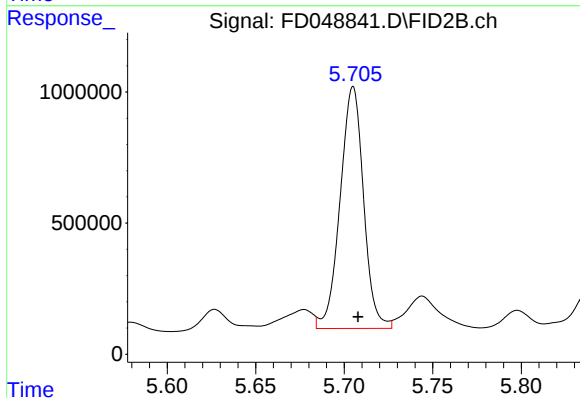
ClientSampleId :

EX-8-TPH-1MS

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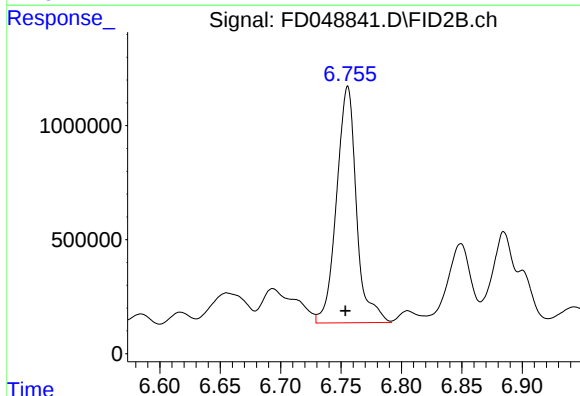
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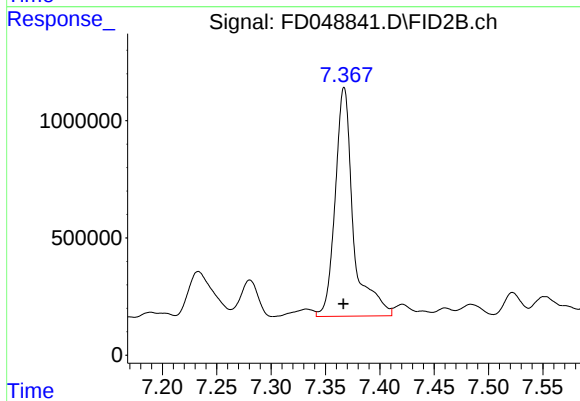
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 8500773
Conc: 43.47 ug/ml m



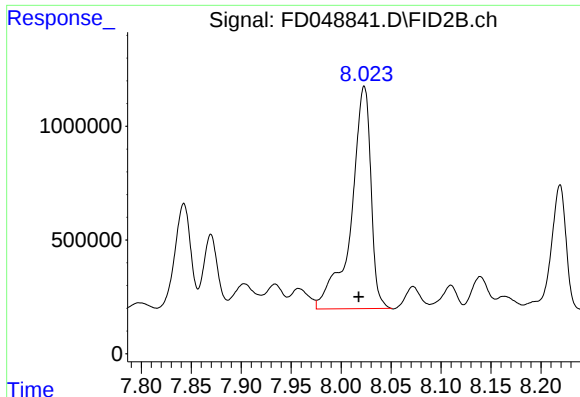
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 11910474
Conc: 62.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 11360785
Conc: 64.53 ug/ml



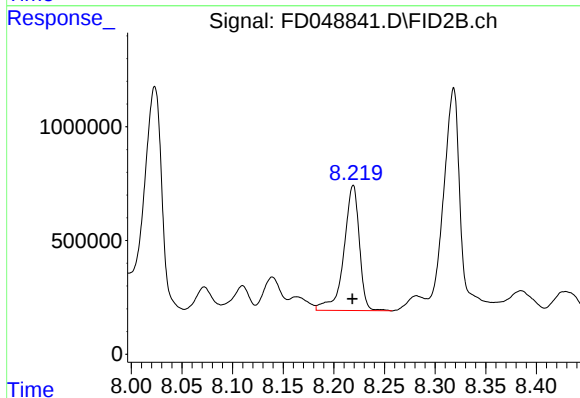
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: 0.005 min
Response: 13473668
Conc: 69.48 ug/ml

Instrument :
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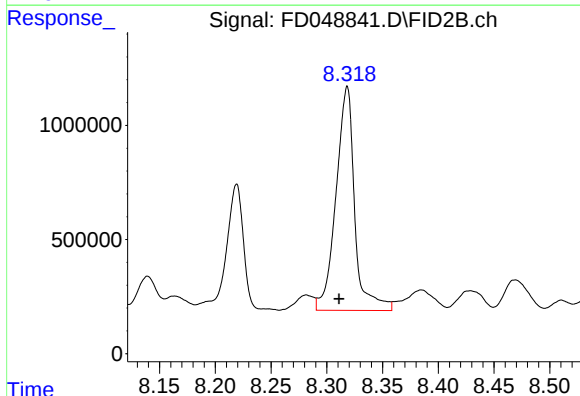
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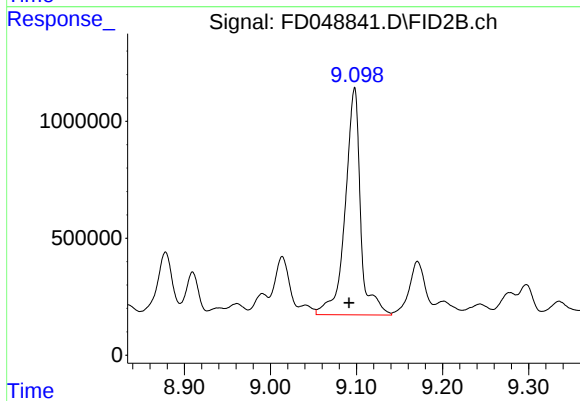
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 5880351
Conc: 51.06 ug/ml



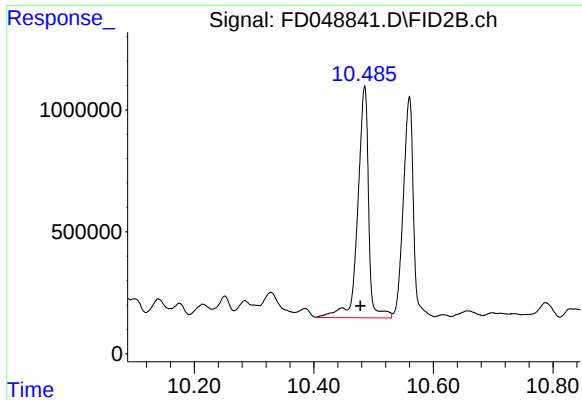
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.007 min
Response: 11476953
Conc: 59.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: 0.006 min
Response: 12068103
Conc: 62.90 ug/ml



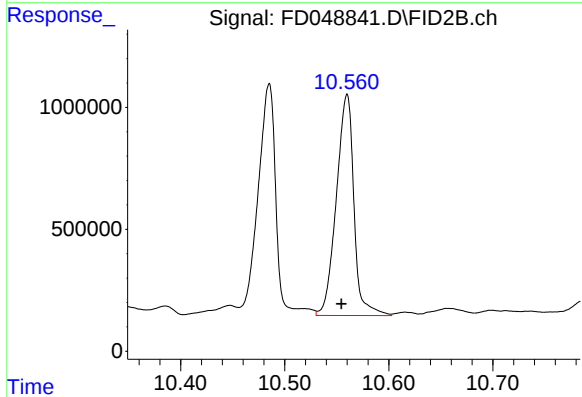
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: 0.006 min
Response: 11969970
Conc: 65.30 ug/ml

Instrument :
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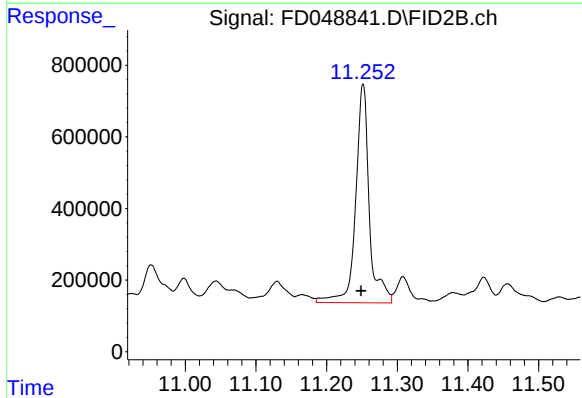
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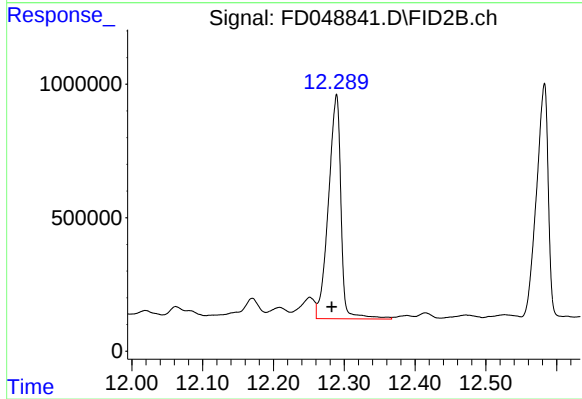
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: 0.005 min
Response: 10659505
Conc: 56.92 ug/ml



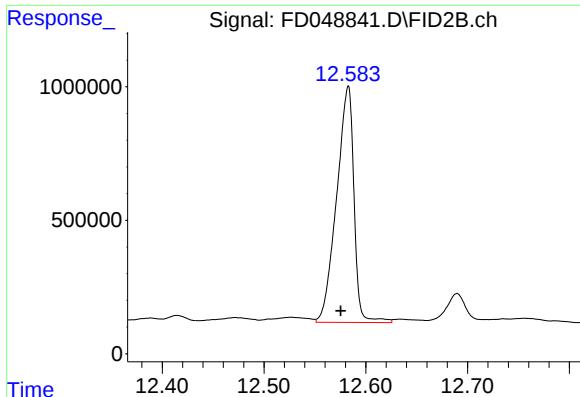
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.003 min
Response: 8189608
Conc: 42.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: 0.006 min
Response: 10343821
Conc: 56.49 ug/ml



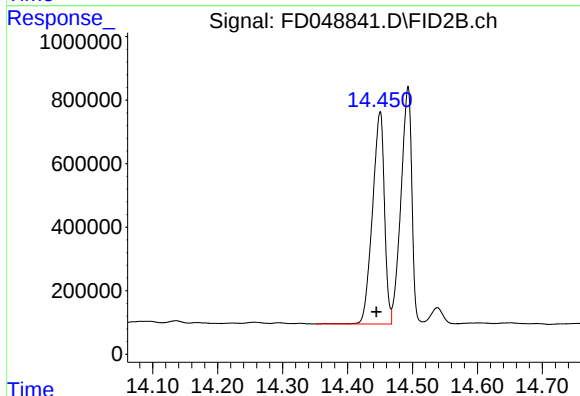
#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: 0.006 min
Response: 10496264
Conc: 58.06 ug/ml

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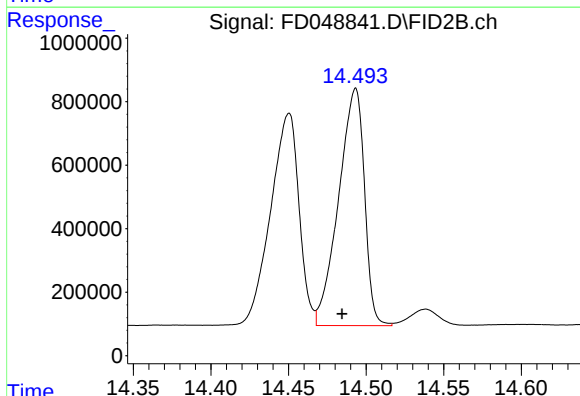
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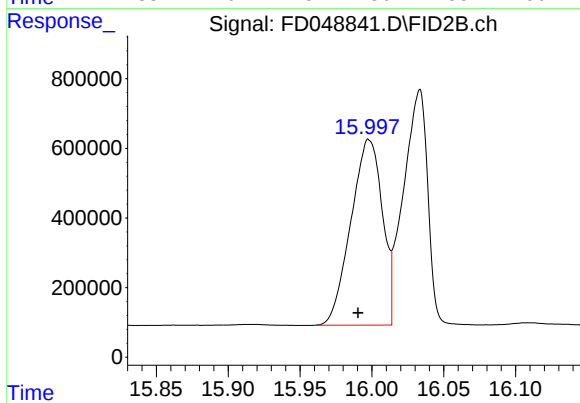
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.005 min
Response: 8589709
Conc: 52.22 ug/ml



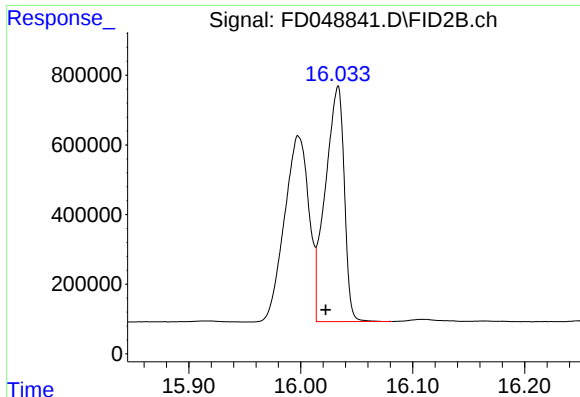
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.008 min
Response: 8658534
Conc: 49.47 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.008 min
Response: 8116009
Conc: 51.66 ug/ml



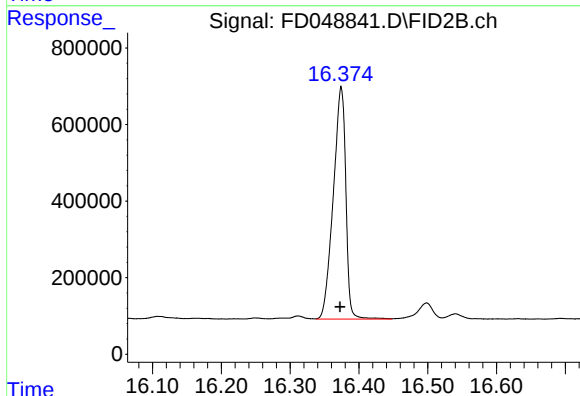
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: 0.010 min
Response: 7938094
Conc: 48.64 ug/ml

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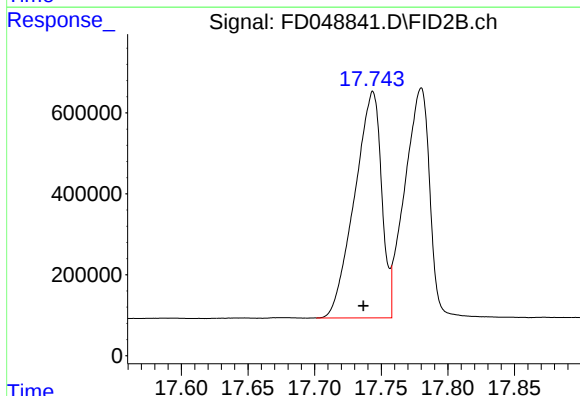
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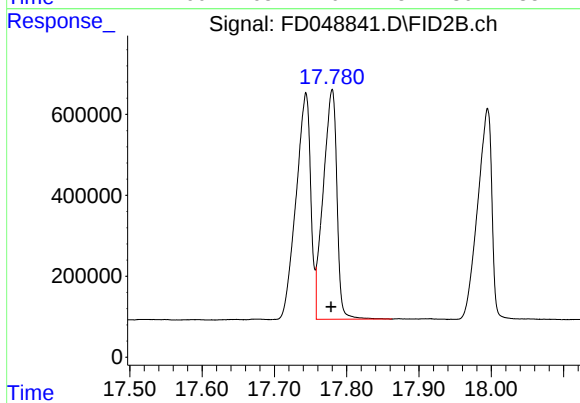
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.001 min
Response: 7676361
Conc: 51.49 ug/ml



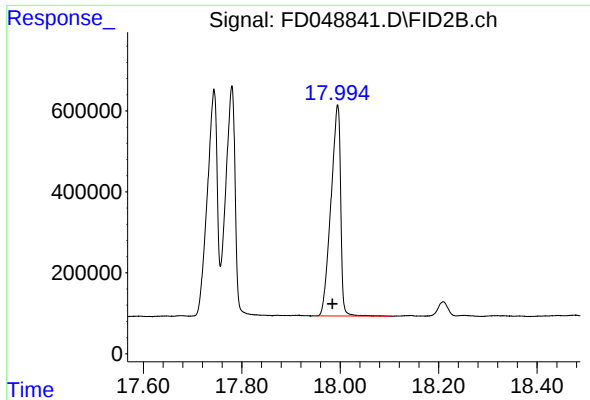
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.006 min
Response: 7897166
Conc: 63.93 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 7435316
Conc: 47.41 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.010 min
Response: 7152920
Conc: 50.13 ug/ml

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