

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048842.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 19:49
 Operator : YP/AJ
 Sample : P5147-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

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

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 03:12:06 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	11949343	67.871 ug/ml
Spiked Amount 50.000		Recovery =	135.74%
6) S 2-Fluorobiphenyl (SURR)	8.219	5864934	50.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.85%
11) S ortho-Terphenyl (SURR)	11.252	8210654	42.689 ug/ml
Spiked Amount 50.000		Recovery =	85.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	6908732	36.659 ug/ml
2) T Naphthalene (C11.7)	5.705	8474583	43.332 ug/mlm
3) T 2-Methylnaphthalene (...)	6.755	11970469	62.638 ug/ml
5) T Acenaphthylene (C15.06)	8.023	13758585	70.948 ug/mlm
7) T Acenaphthene (C15.5)	8.317	11350567	59.011 ug/ml
8) T Flouorene (C16.55)	9.097	12066600	62.895 ug/ml
9) T Phenanthrene (C19.36)	10.485	12002572	65.479 ug/ml
10) T Anthracene (C19.43)	10.561	10692958	57.099 ug/ml
12) T Fluoranthene (C21.85)	12.289	10366874	56.612 ug/ml
13) T Pyrene (C20.8)	12.582	10531778	58.253 ug/ml
14) T Benzo[a]anthracene (C...	14.450	8563815	52.059 ug/ml
15) T Chrysene (C27.41)	14.494	8634369	49.335 ug/ml
16) T benzo[b]fluoranthene ...	15.999	8130005	51.745 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	7903485	48.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	7662454	51.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	7906909	64.008 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	7510055	47.892 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	7185662	50.360 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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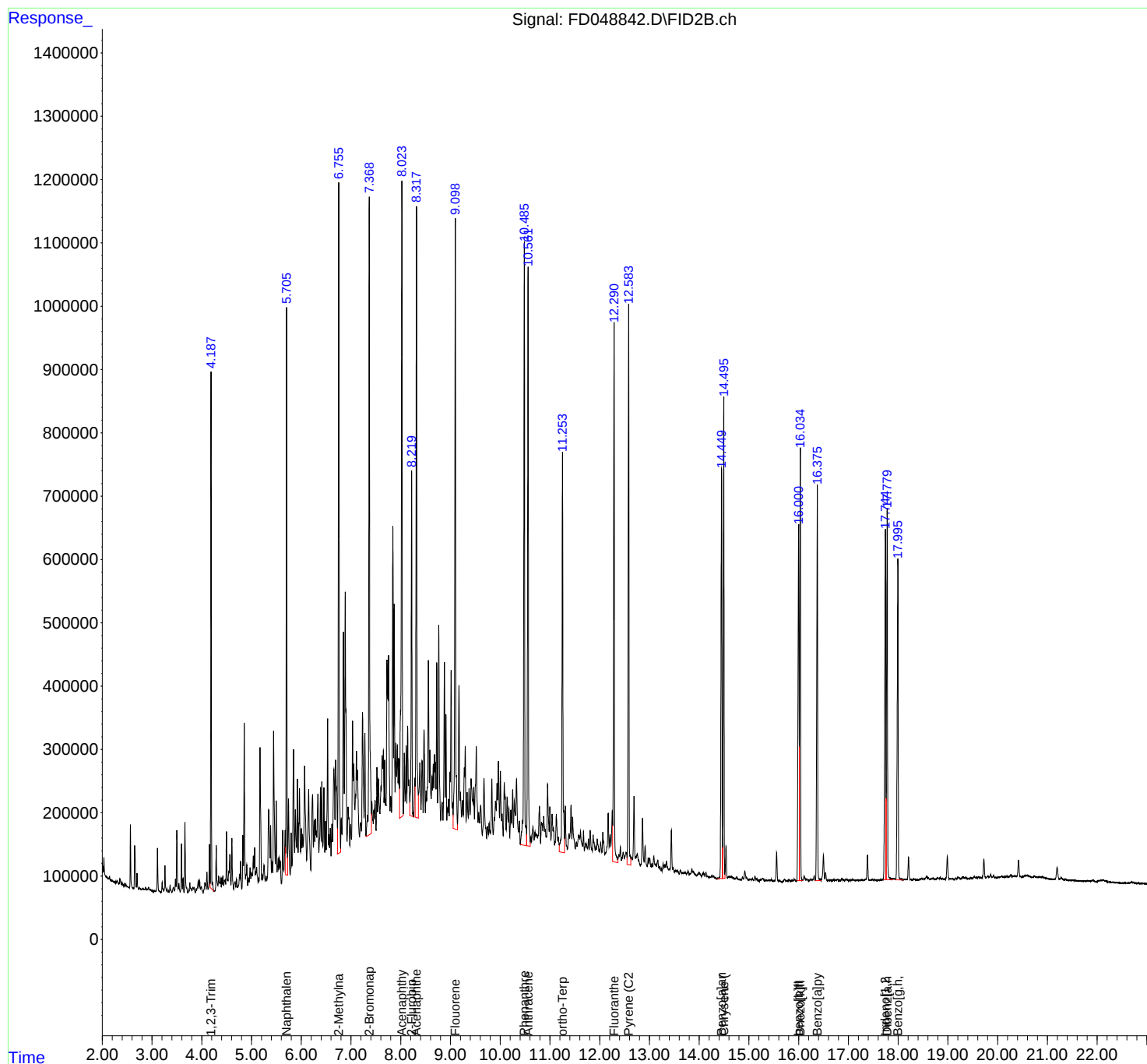
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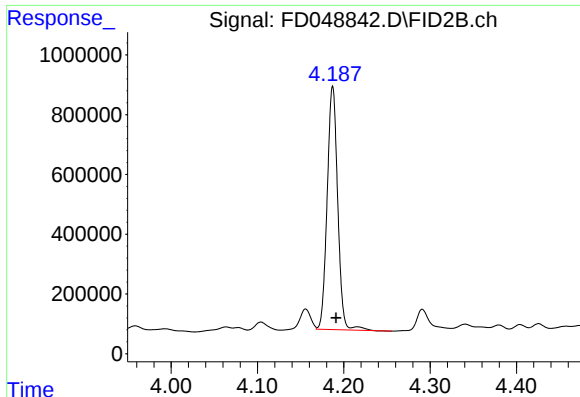
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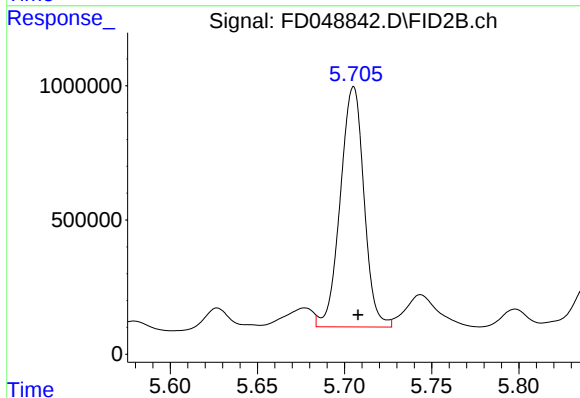
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 6908732
Conc: 36.66 ug/ml

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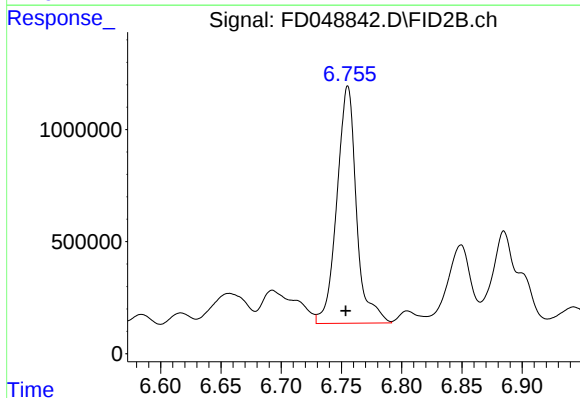
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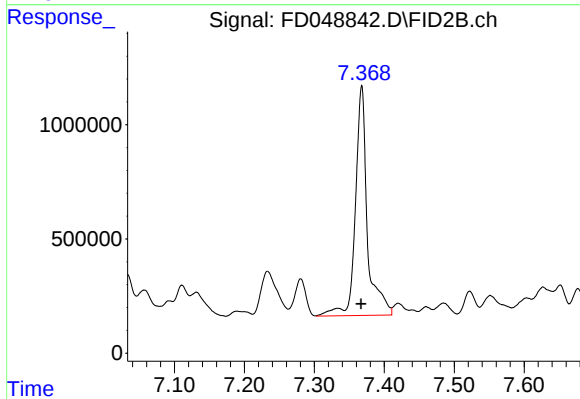
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 8474583
Conc: 43.33 ug/ml m



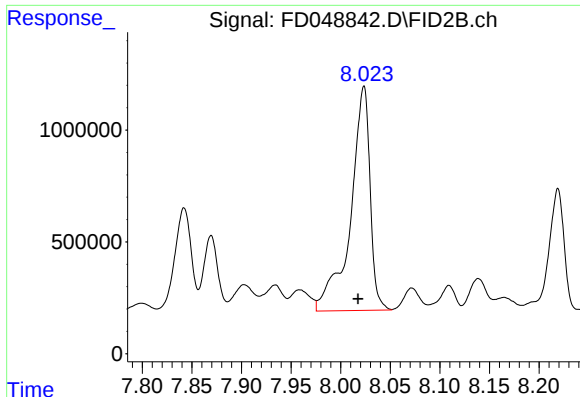
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 11970469
Conc: 62.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 11949343
Conc: 67.87 ug/ml



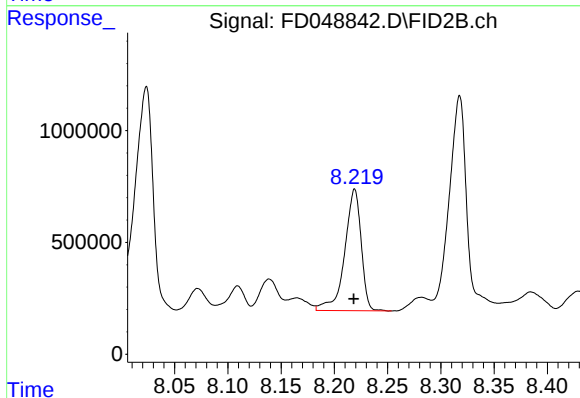
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: 0.006 min
Response: 13758585
Conc: 70.95 ug/ml

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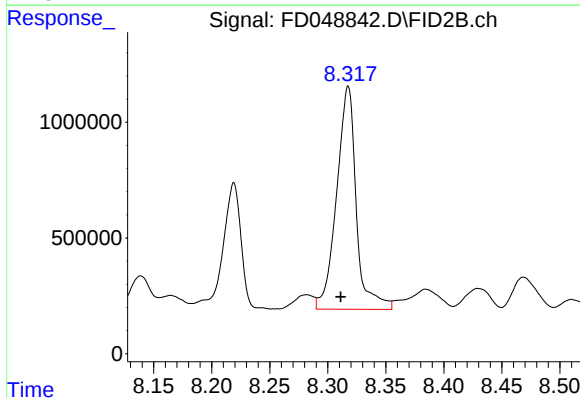
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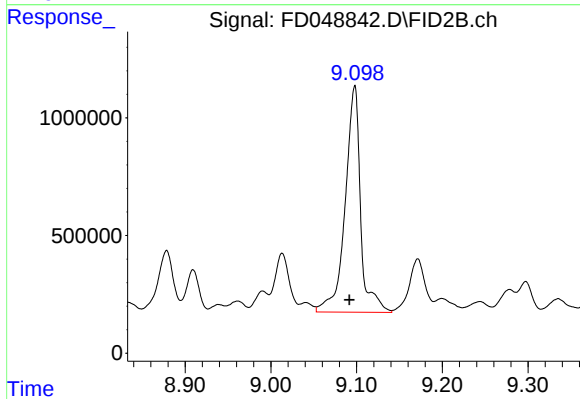
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 5864934
Conc: 50.92 ug/ml



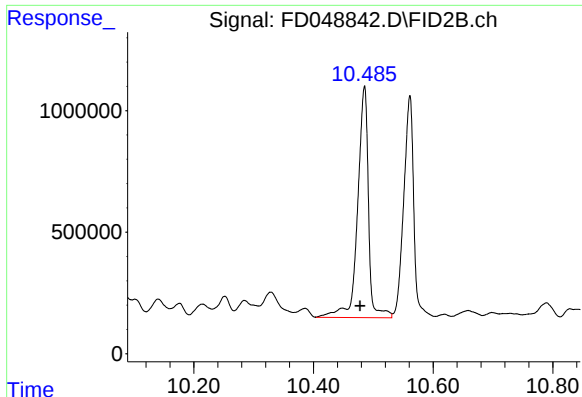
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 11350567
Conc: 59.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: 0.006 min
Response: 12066600
Conc: 62.90 ug/ml



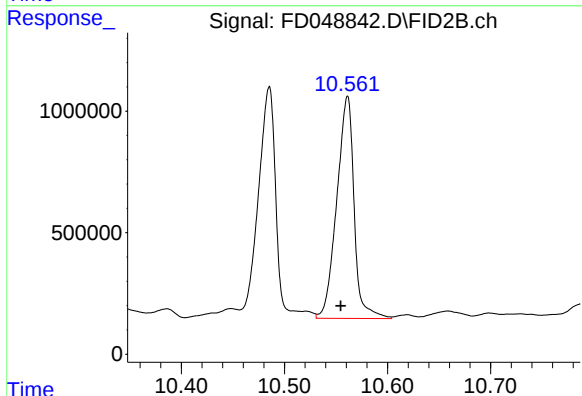
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 12002572
Conc: 65.48 ug/ml

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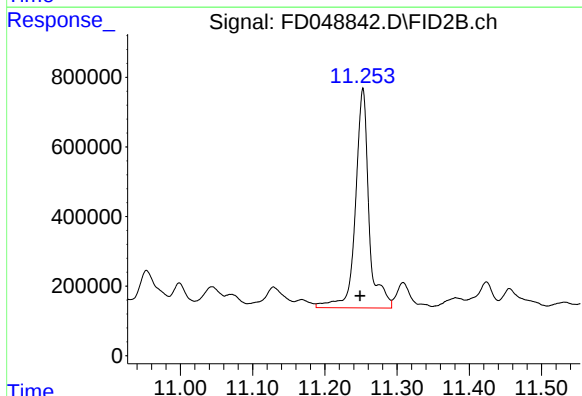
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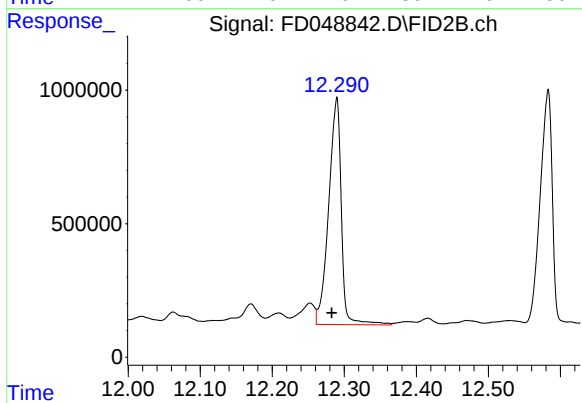
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 10692958
Conc: 57.10 ug/ml



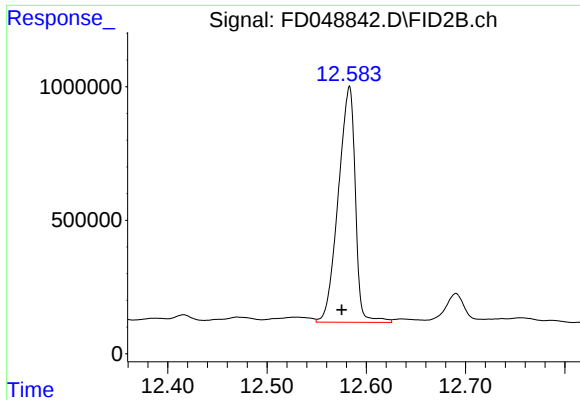
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.004 min
Response: 8210654
Conc: 42.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.289 min
Delta R.T.: 0.006 min
Response: 10366874
Conc: 56.61 ug/ml



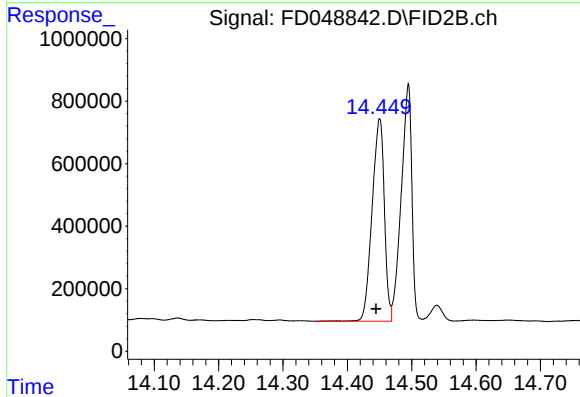
#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: 0.007 min
Response: 10531778
Conc: 58.25 ug/ml

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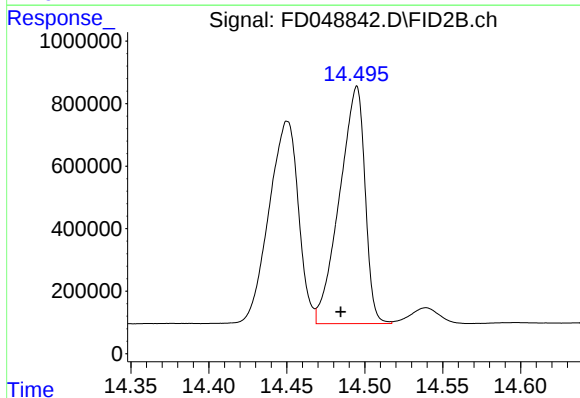
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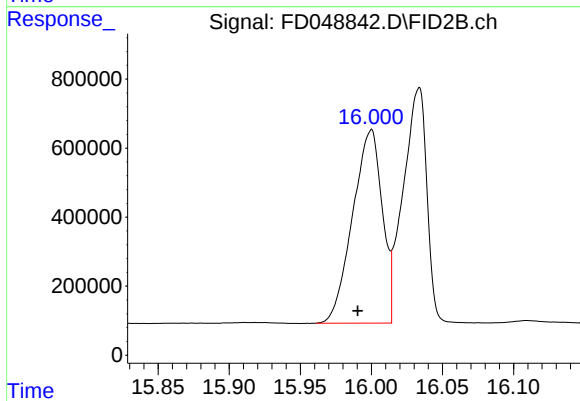
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.005 min
Response: 8563815
Conc: 52.06 ug/ml



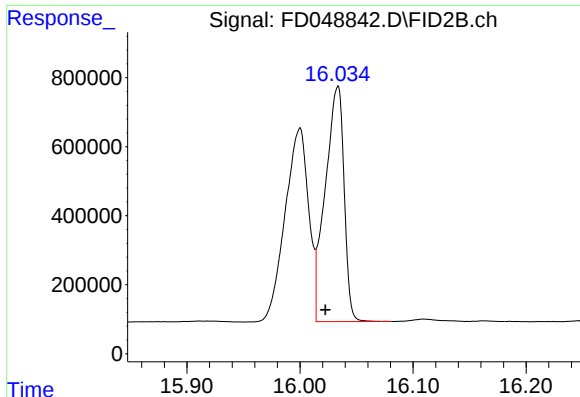
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.010 min
Response: 8634369
Conc: 49.34 ug/ml



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

R.T.: 15.999 min
Delta R.T.: 0.009 min
Response: 8130005
Conc: 51.74 ug/ml



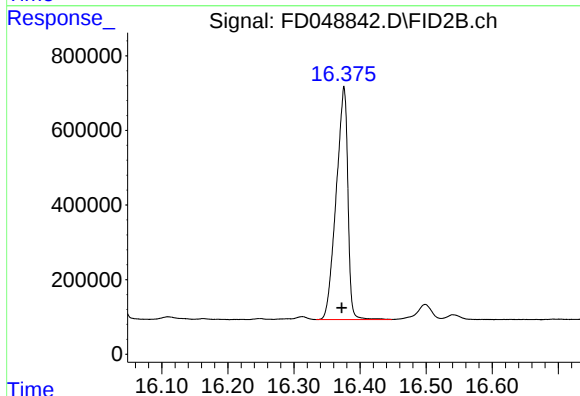
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: 0.010 min
Response: 7903485
Conc: 48.43 ug/ml

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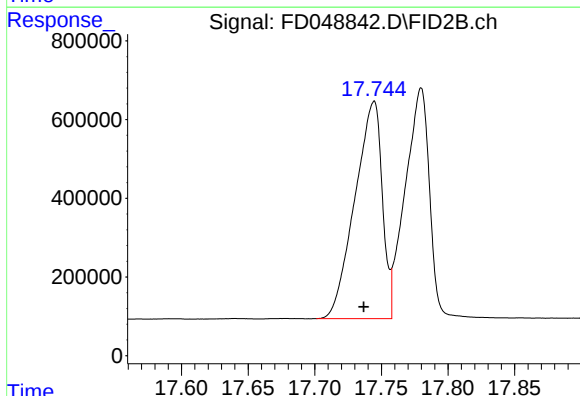
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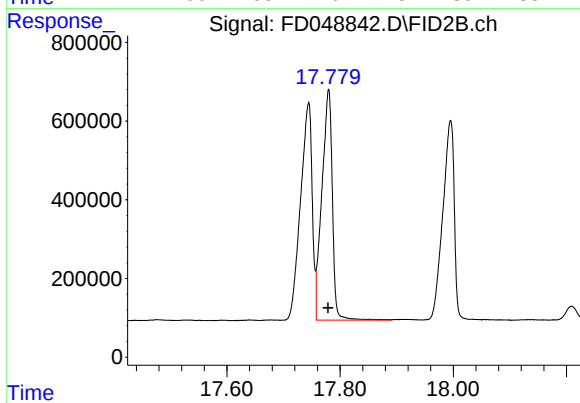
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: 0.002 min
Response: 7662454
Conc: 51.39 ug/ml



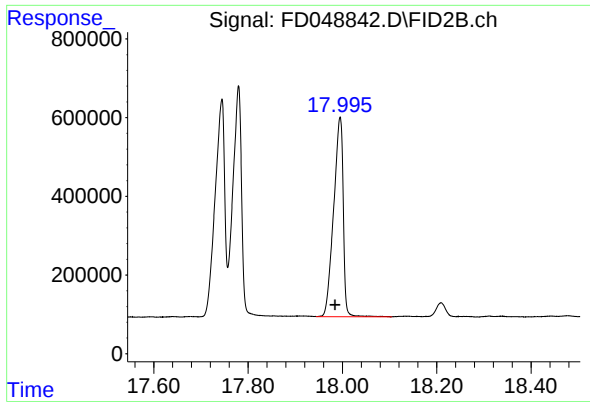
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.007 min
Response: 7906909
Conc: 64.01 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 7510055
Conc: 47.89 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.010 min
Response: 7185662
Conc: 50.36 ug/ml

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