

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044348.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2022 02:25
 Operator : YP/AJ
 Sample : N5313-03MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-1-SW-QUARTERMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 09:30:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.412	5014341	40.387 ug/ml
Spiked Amount 50.000		Recovery =	80.77%
6) S 2-Fluorobiphenyl (SURR)	8.270	3020857	40.118 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.24%
11) S ortho-Terphenyl (SURR)	11.293	5354486	31.635 ug/ml
Spiked Amount 50.000		Recovery =	63.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	3889300	27.555 ug/mlm
2) T Naphthalene (C11.7)	5.754	4490227	32.753 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	4534110	31.984 ug/ml
5) T Acenaphthylene (C15.06)	8.068	4982759	35.519 ug/ml
7) T Acenaphthene (C15.5)	8.359	5857711	37.669 ug/ml
8) T Flouorene (C16.55)	9.141	5266373	37.435 ug/ml
9) T Phenanthrene (C19.36)	10.532	5366949	39.852 ug/ml
10) T Anthracene (C19.43)	10.609	5216159	38.819 ug/ml
12) T Fluoranthene (C21.85)	12.337	5309900	39.760 ug/ml
13) T Pyrene (C20.8)	12.630	4930104	39.031 ug/mlm
14) T Benzo[a]anthracene (C...	14.502	4470680	42.090 ug/ml
15) T Chrysene (C27.41)	14.543	5652973	43.123 ug/ml
16) T benzo[b]fluoranthene ...	16.050	4508625	40.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	4980605	39.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	3396496	29.230 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	3977195	37.306 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	4825309	39.003 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	4387261	37.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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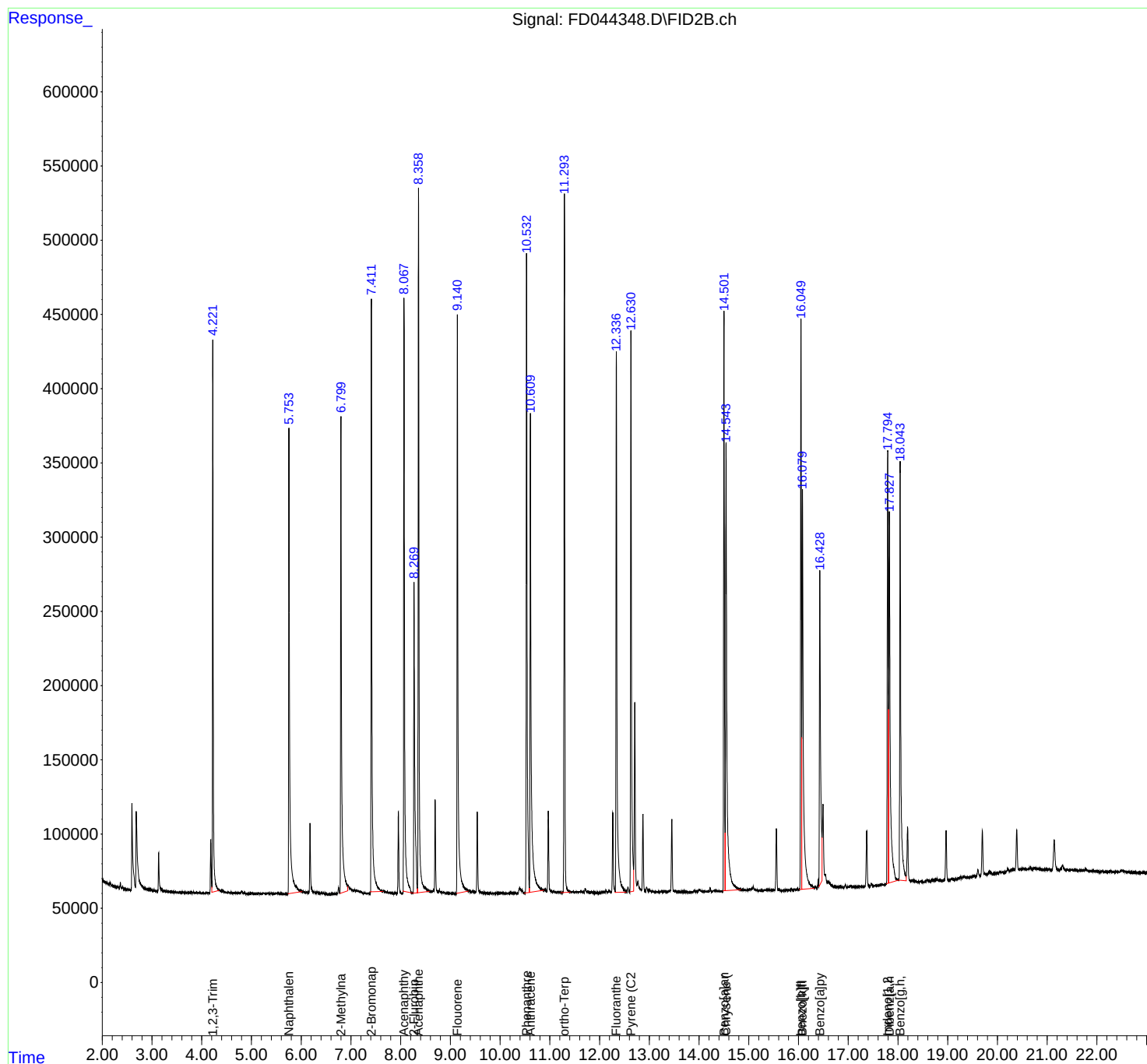
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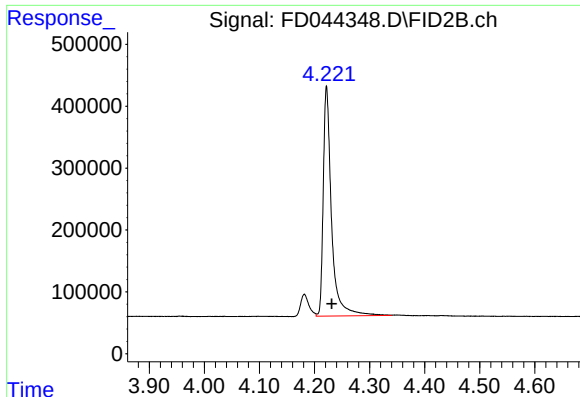
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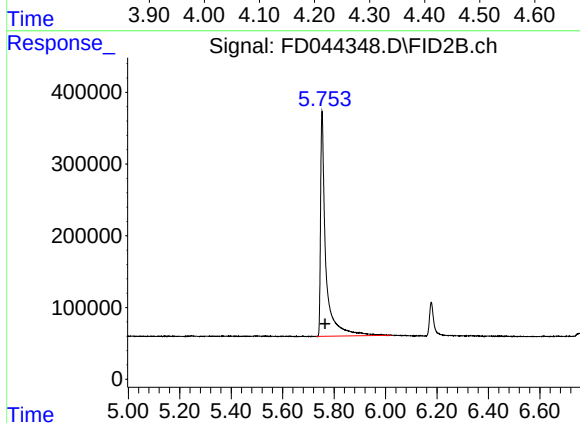
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.221 min
Delta R.T.: -0.010 min
Response: 3889300
Conc: 27.55 ug/ml

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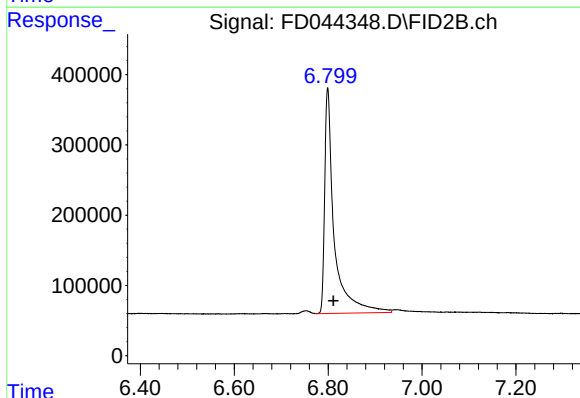
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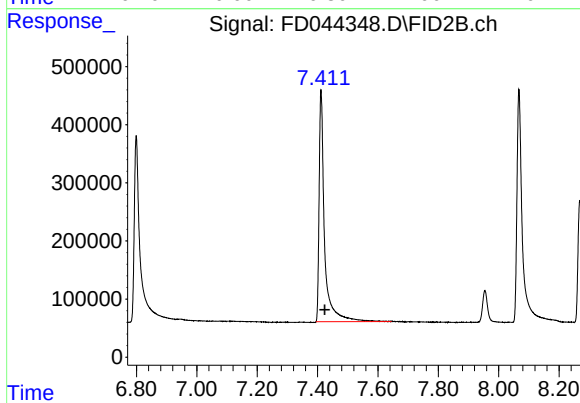
#2 Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.012 min
Response: 4490227
Conc: 32.75 ug/ml



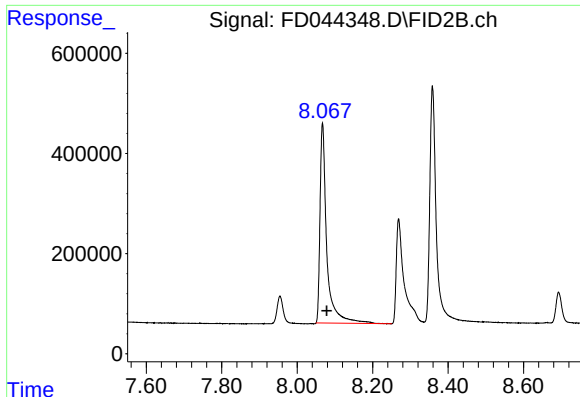
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.012 min
Response: 4534110
Conc: 31.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.412 min
Delta R.T.: -0.012 min
Response: 5014341
Conc: 40.39 ug/ml



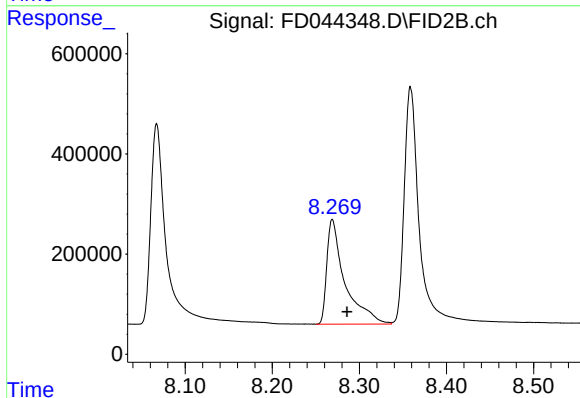
#5 Acenaphthylene (C15.06)

R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 4982759
Conc: 35.52 ug/ml

Instrument :
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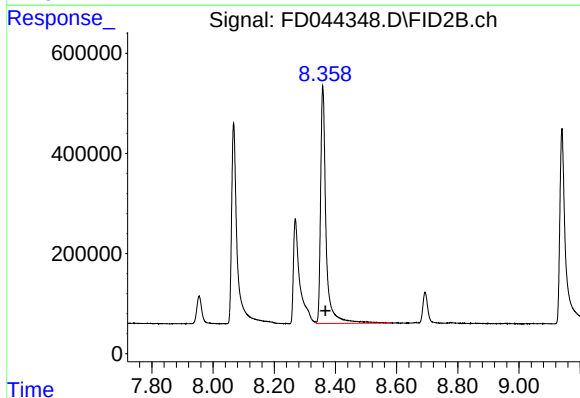
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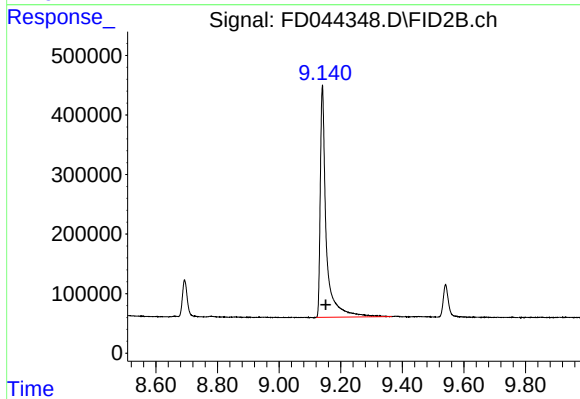
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 3020857
Conc: 40.12 ug/ml



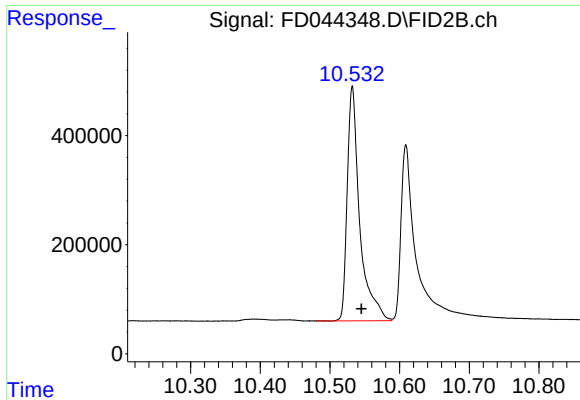
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 5857711
Conc: 37.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 5266373
Conc: 37.43 ug/ml



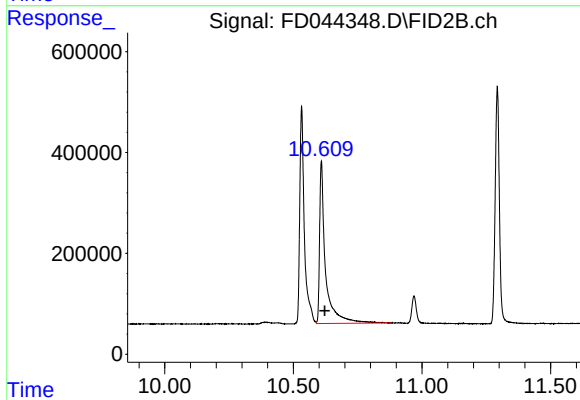
#9 Phenanthrene (C19.36)

R.T.: 10.532 min
Delta R.T.: -0.013 min
Response: 5366949
Conc: 39.85 ug/ml

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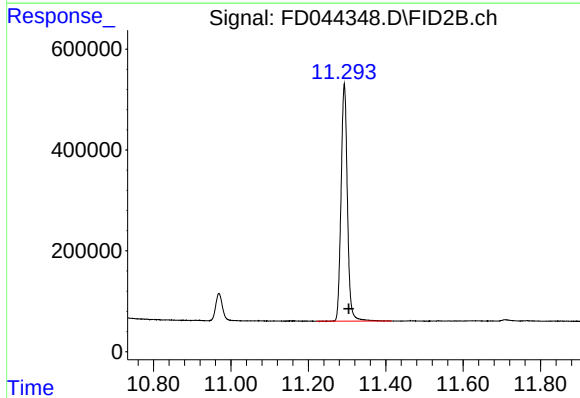
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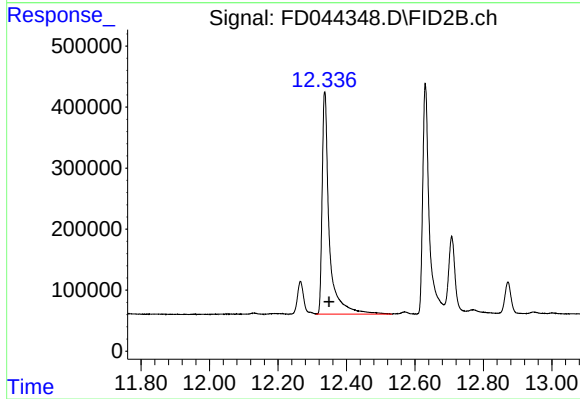
#10 Anthracene (C19.43)

R.T.: 10.609 min
Delta R.T.: -0.012 min
Response: 5216159
Conc: 38.82 ug/ml



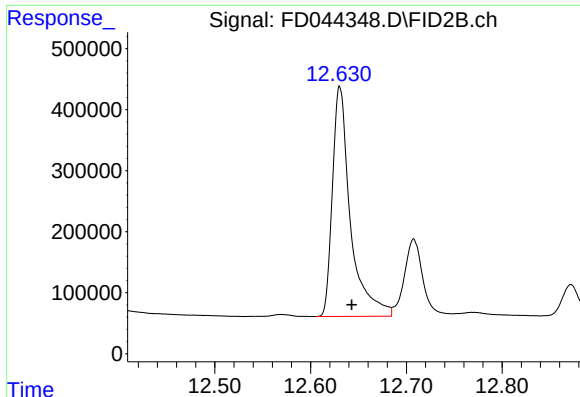
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.011 min
Response: 5354486
Conc: 31.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 5309900
Conc: 39.76 ug/ml



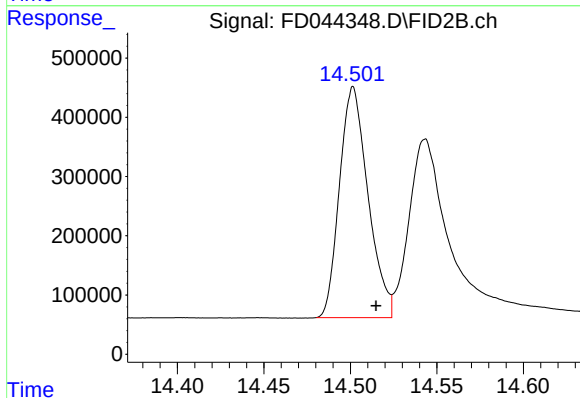
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 4930104
Conc: 39.03 ug/ml

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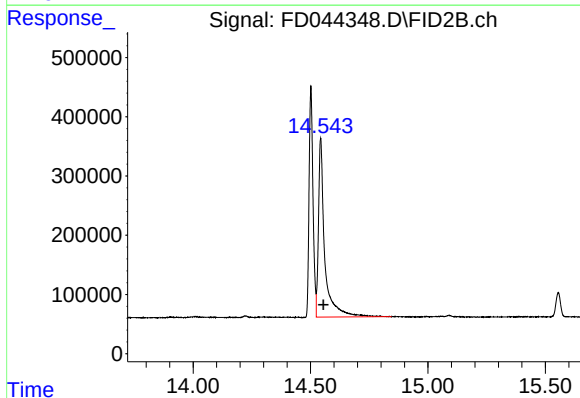
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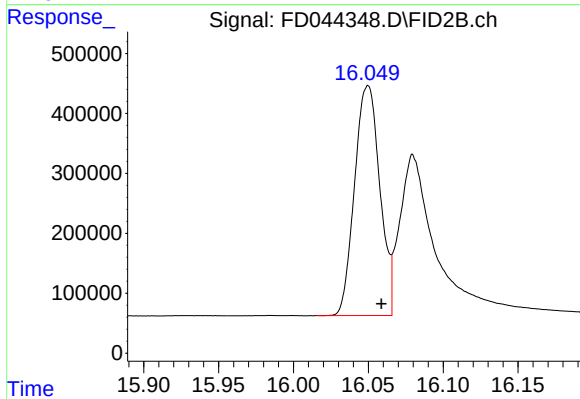
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 4470680
Conc: 42.09 ug/ml



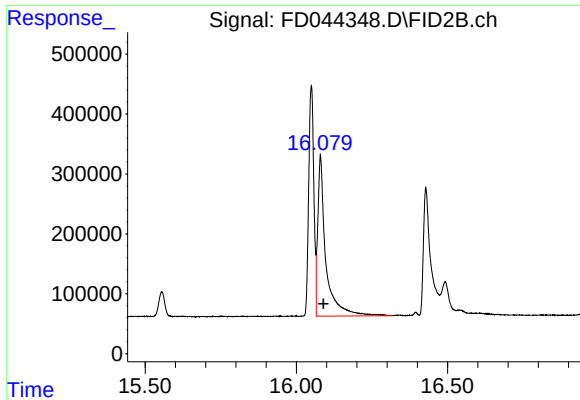
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.011 min
Response: 5652973
Conc: 43.12 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 4508625
Conc: 40.17 ug/ml



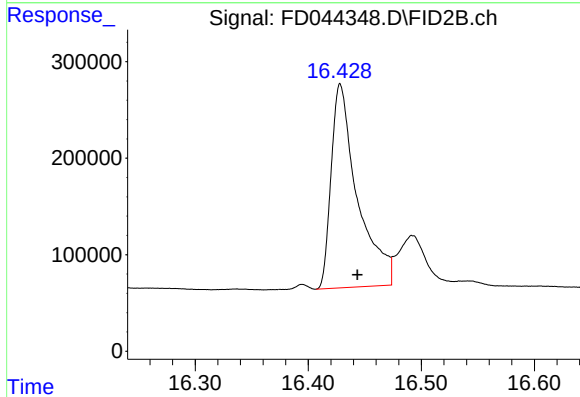
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 4980605
Conc: 39.15 ug/ml

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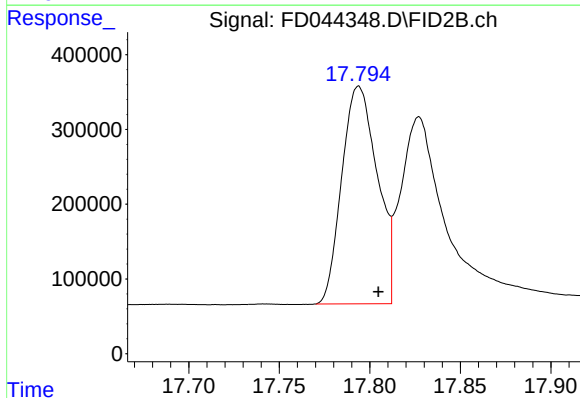
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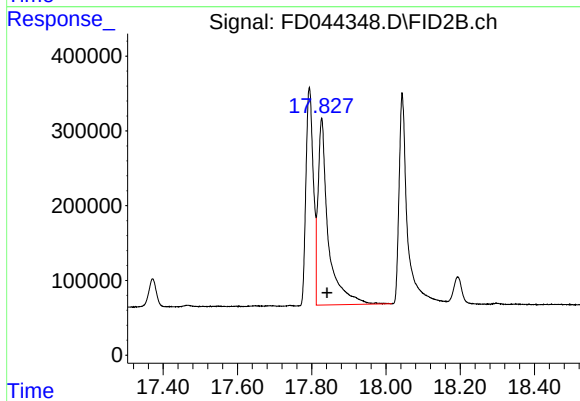
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 3396496
Conc: 29.23 ug/ml



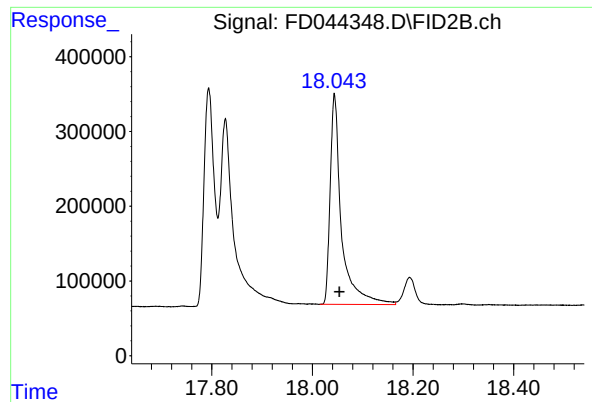
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 3977195
Conc: 37.31 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 4825309
Conc: 39.00 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 4387261
Conc: 37.37 ug/ml

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