

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103122AR\
 Data File : FD044370.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2022 20:46
 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 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:23:42 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...	7.413	2699281	21.741 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
6) S 2-Fluorobiphenyl (SURR)	8.275	1408853	18.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.42%
11) S ortho-Terphenyl (SURR)	11.291	3729887	22.036 ug/ml
Spiked Amount 50.000		Recovery =	44.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	3138206	22.233 ug/ml
2) T Naphthalene (C11.7)	5.754	3025981	22.072 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3058317	21.574 ug/ml
5) T Acenaphthylene (C15.06)	8.067	2940351	20.960 ug/ml
7) T Acenaphthene (C15.5)	8.357	3523911	22.661 ug/ml
8) T Flouorene (C16.55)	9.141	2975375	21.150 ug/ml
9) T Phenanthrene (C19.36)	10.534	2813256	20.890 ug/ml
10) T Anthracene (C19.43)	10.616	2209951	16.447 ug/ml
12) T Fluoranthene (C21.85)	12.338	2925886	21.909 ug/ml
13) T Pyrene (C20.8)	12.632	2479670	19.631 ug/ml
14) T Benzo[a]anthracene (C...	14.504	2230694	21.001 ug/ml
15) T Chrysene (C27.41)	14.546	3104356	23.681 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2477112	22.072 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	3034696	23.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	1811639	15.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2308116	21.650 ug/mlm
20) T Dibenz[a,h]anthracene...	17.833	2631231	21.268 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	2491373	21.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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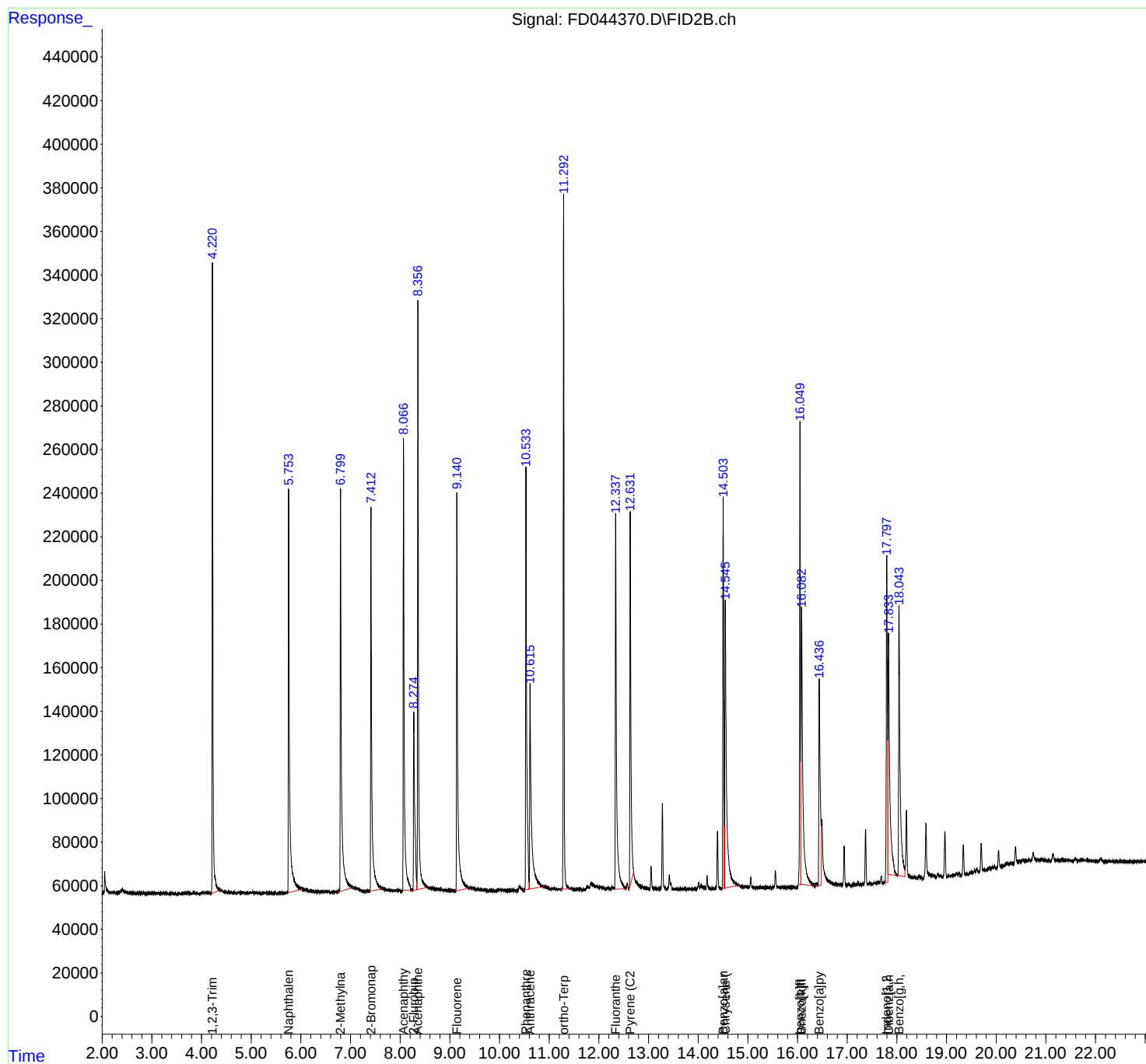
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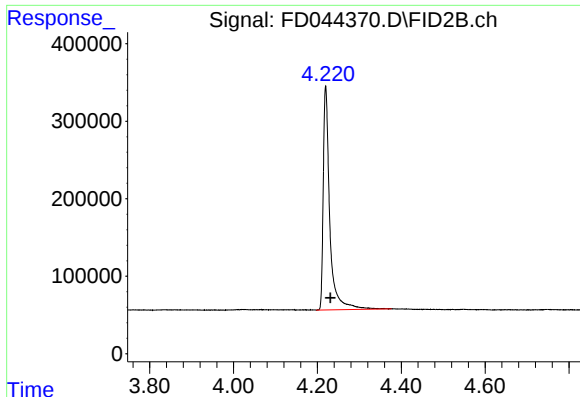
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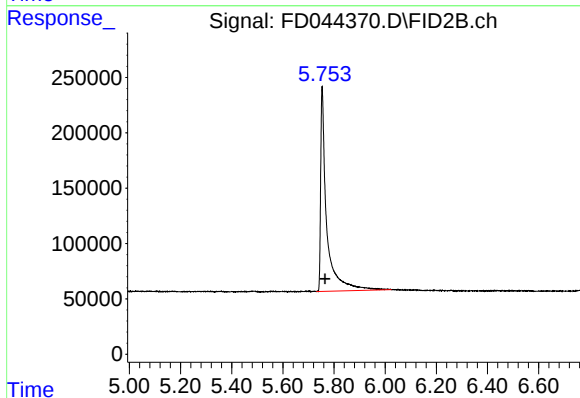
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.011 min
Response: 3138206
Conc: 22.23 ug/ml

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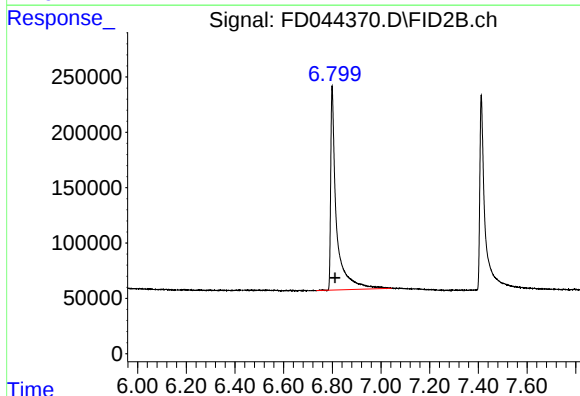
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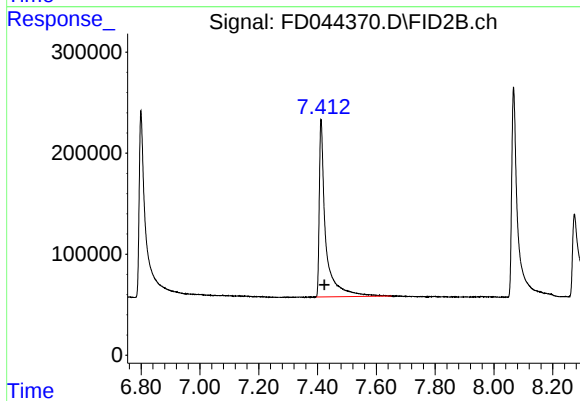
#2 Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.011 min
Response: 3025981
Conc: 22.07 ug/ml



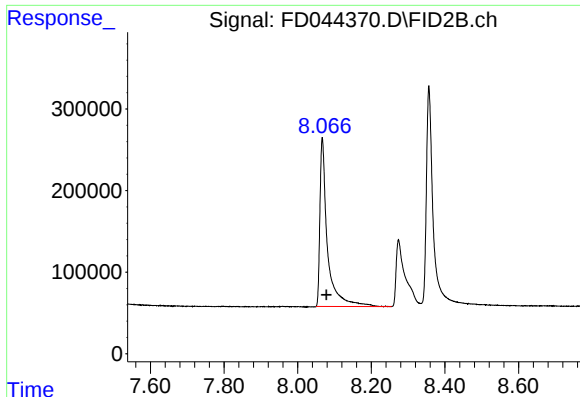
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.011 min
Response: 3058317
Conc: 21.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.413 min
Delta R.T.: -0.011 min
Response: 2699281
Conc: 21.74 ug/ml



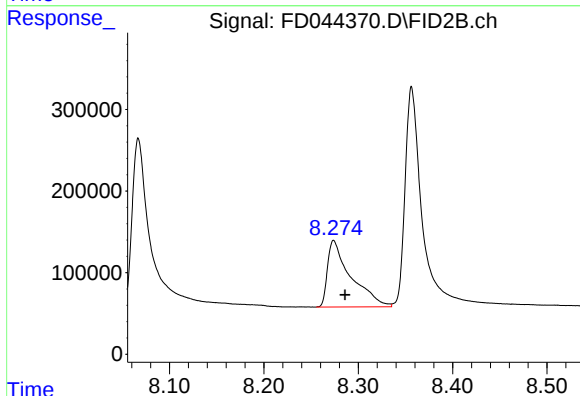
#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 2940351
Conc: 20.96 ug/ml

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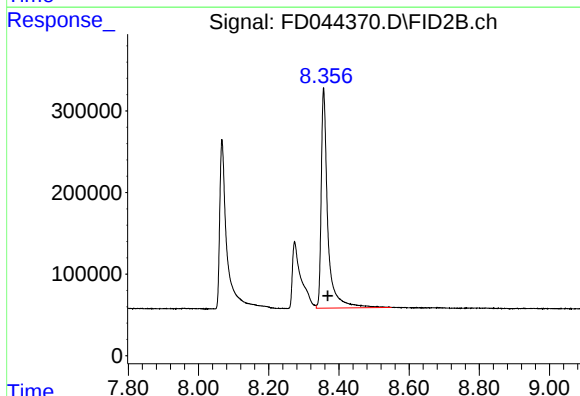
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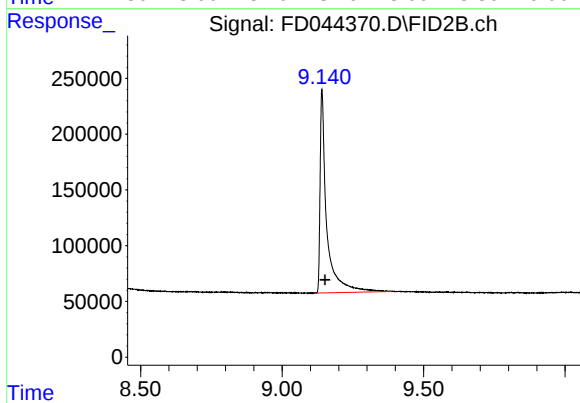
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.011 min
Response: 1408853
Conc: 18.71 ug/ml



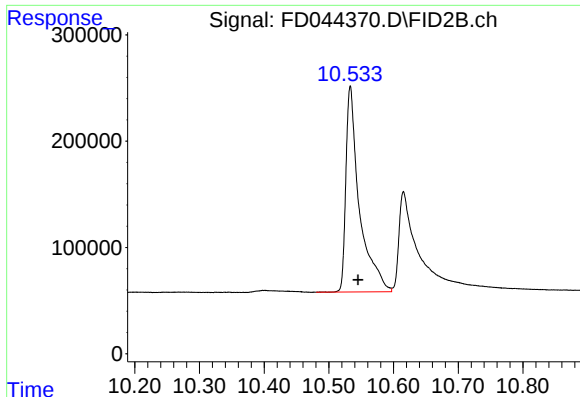
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.011 min
Response: 3523911
Conc: 22.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 2975375
Conc: 21.15 ug/ml



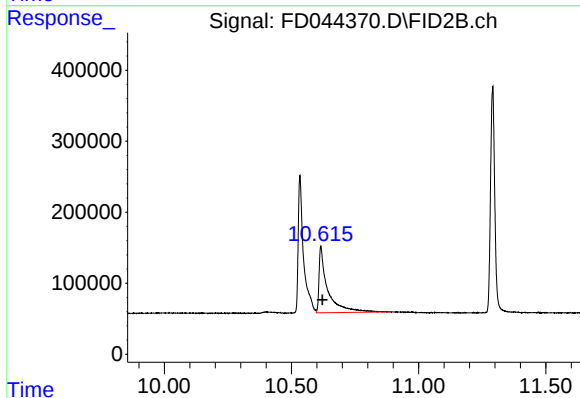
#9 Phenanthrene (C19.36)

R.T.: 10.534 min
Delta R.T.: -0.012 min
Response: 2813256
Conc: 20.89 ug/ml

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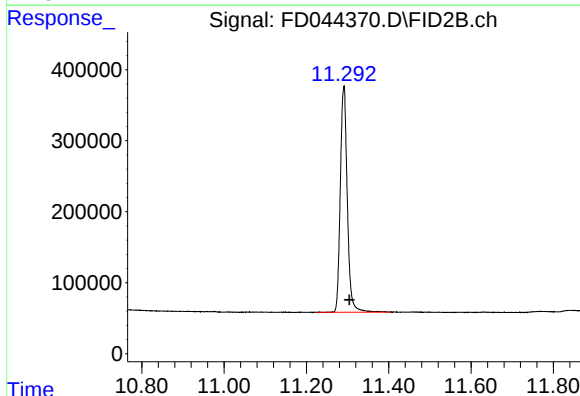
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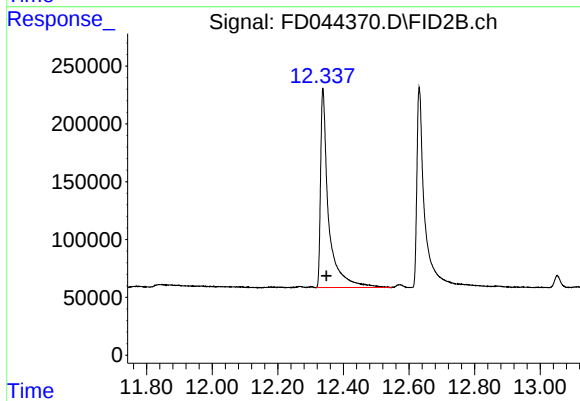
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.006 min
Response: 2209951
Conc: 16.45 ug/ml



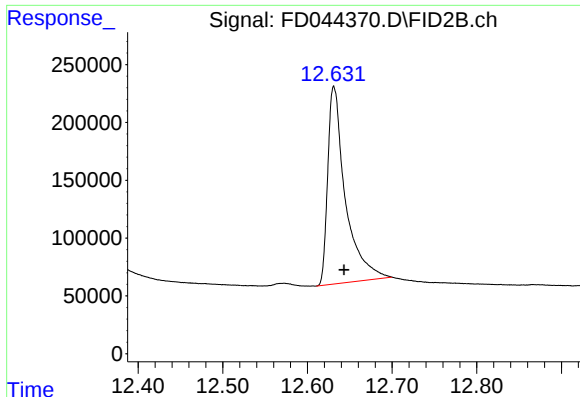
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.014 min
Response: 3729887
Conc: 22.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.338 min
Delta R.T.: -0.011 min
Response: 2925886
Conc: 21.91 ug/ml



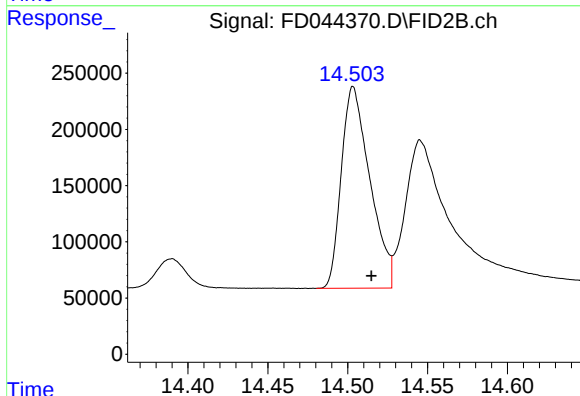
#13 Pyrene (C20.8)

R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2479670
Conc: 19.63 ug/ml

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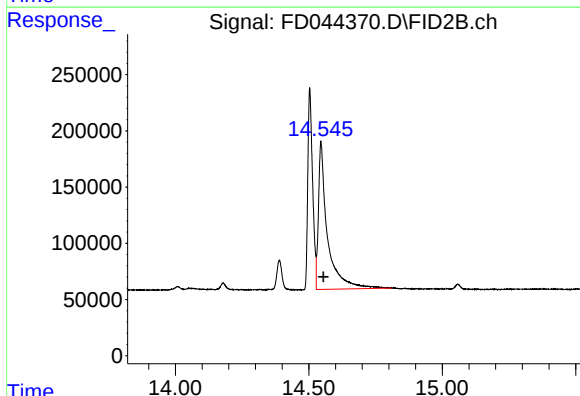
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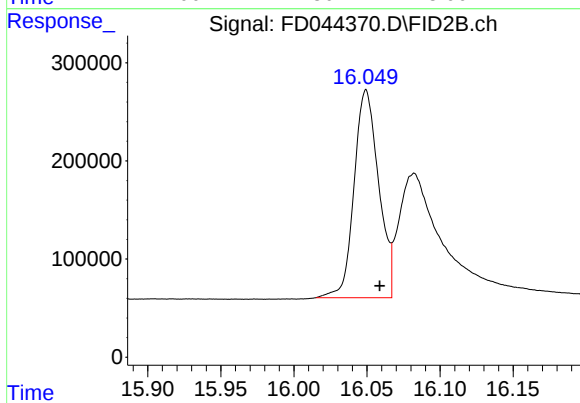
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.504 min
Delta R.T.: -0.011 min
Response: 2230694
Conc: 21.00 ug/ml



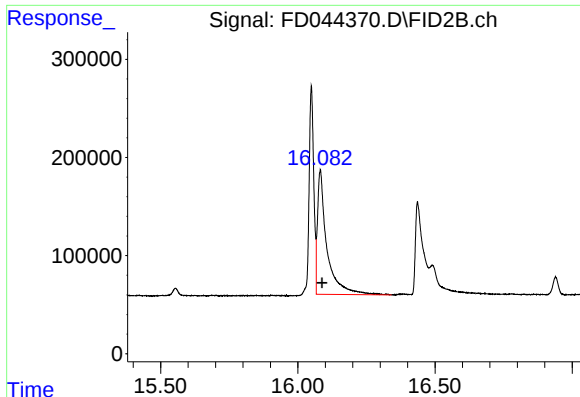
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.009 min
Response: 3104356
Conc: 23.68 ug/ml



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

R.T.: 16.049 min
Delta R.T.: -0.009 min
Response: 2477112
Conc: 22.07 ug/ml



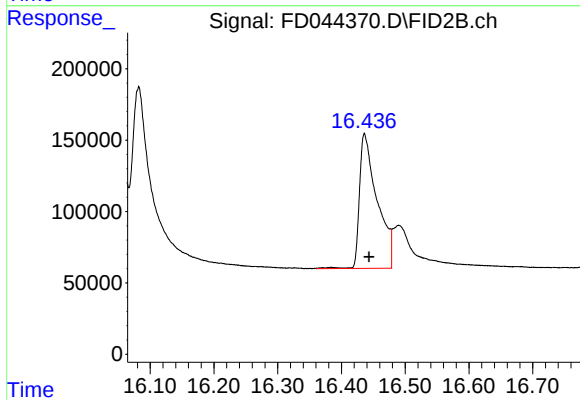
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.082 min
Delta R.T.: -0.007 min
Response: 3034696
Conc: 23.85 ug/ml

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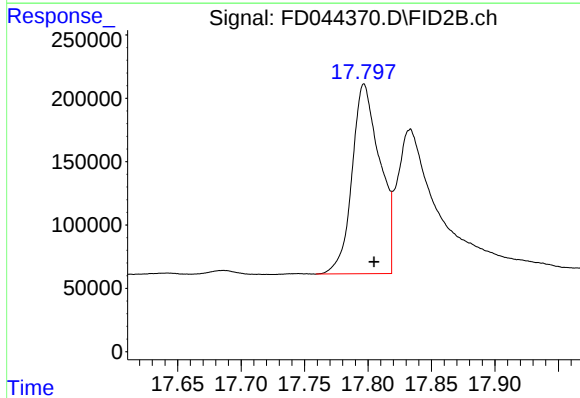
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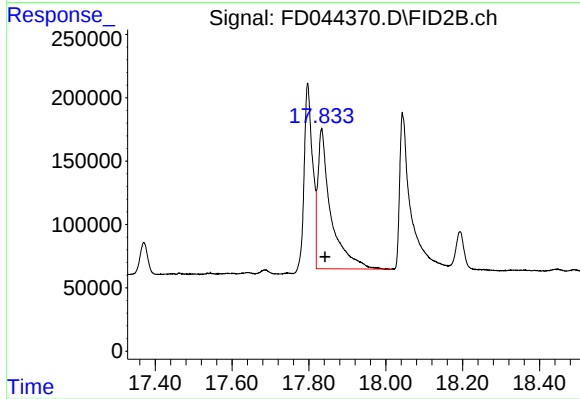
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.006 min
Response: 1811639
Conc: 15.59 ug/ml



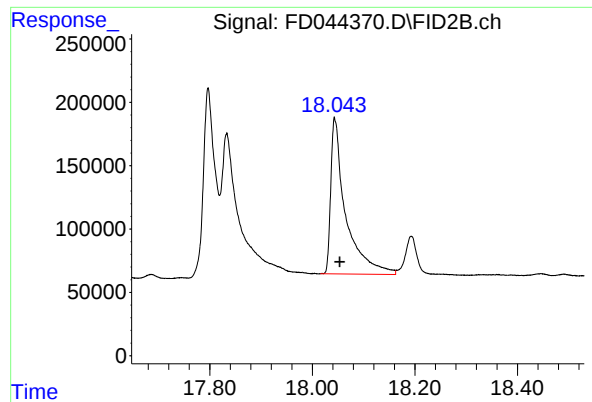
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.008 min
Response: 2308116
Conc: 21.65 ug/ml m



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

R.T.: 17.833 min
Delta R.T.: -0.008 min
Response: 2631231
Conc: 21.27 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 2491373
Conc: 21.22 ug/ml

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