

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044079.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 17:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2022
 Supervised By :Ankita Jodhani 10/11/2022

Integration File: autoint1.e
 Quant Time: Oct 11 05:59:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.417	2361183	17.945 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
6) S 2-Fluorobiphenyl (SURR)	8.274	1430903	19.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.67%
11) S ortho-Terphenyl (SURR)	11.300	3386477	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	2642454	17.583 ug/ml
2) T Naphthalene (C11.7)	5.758	2622048	18.414 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2709595	18.522 ug/ml
5) T Acenaphthylene (C15.06)	8.072	2735573	17.728 ug/ml
7) T Acenaphthene (C15.5)	8.363	3024112	17.280 ug/ml
8) T Flouorene (C16.55)	9.144	2740537	18.645 ug/mlm
9) T Phenanthrene (C19.36)	10.536	2739750	18.933 ug/ml
10) T Anthracene (C19.43)	10.613	2652765	18.076 ug/ml
12) T Fluoranthene (C21.85)	12.340	2929799	19.102 ug/ml
13) T Pyrene (C20.8)	12.634	2902353	19.511 ug/ml
14) T Benzo[a]anthracene (C...	14.503	2498064	22.346 ug/ml
15) T Chrysene (C27.41)	14.545	3034486	19.417 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2624314	22.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2916375	19.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	2339497	19.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	2271677	23.892 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	2615238	21.770 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	2440593	21.417 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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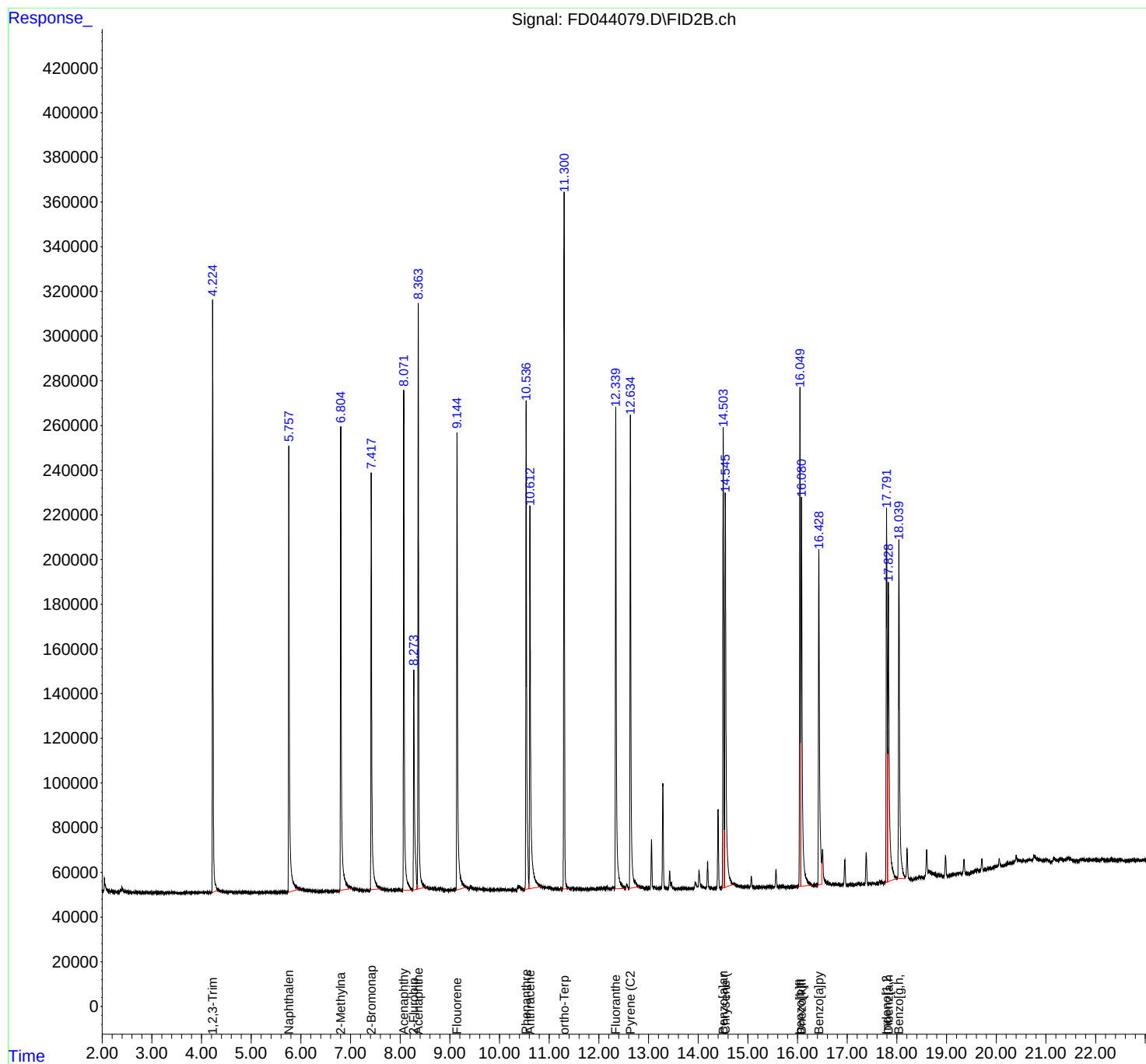
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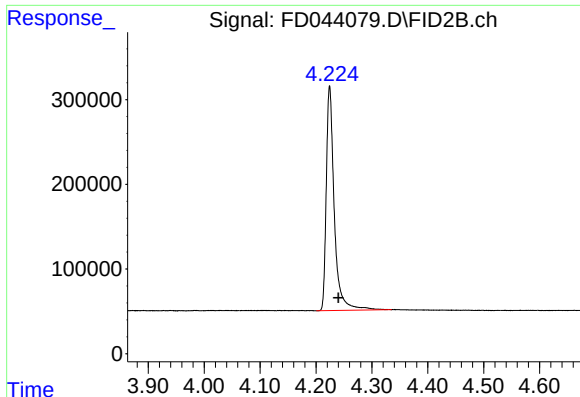
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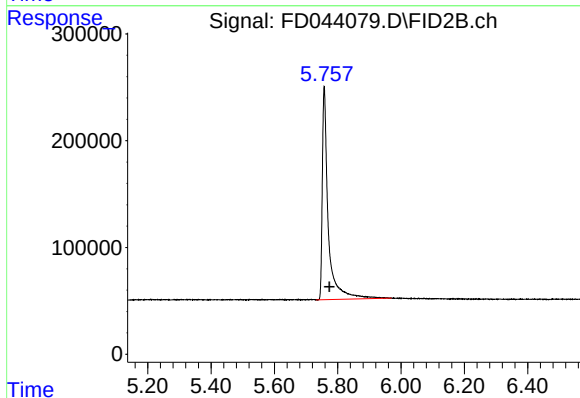
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.015 min
Response: 2642454
Conc: 17.58 ug/ml

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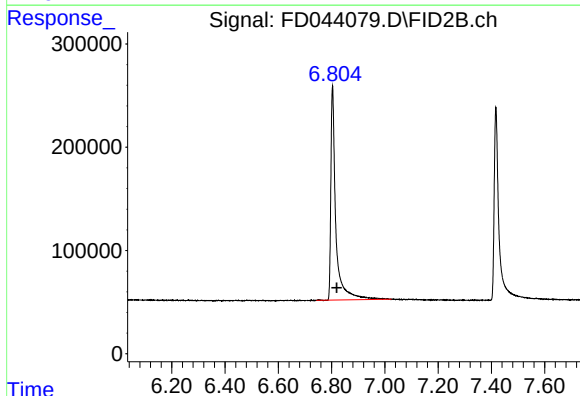
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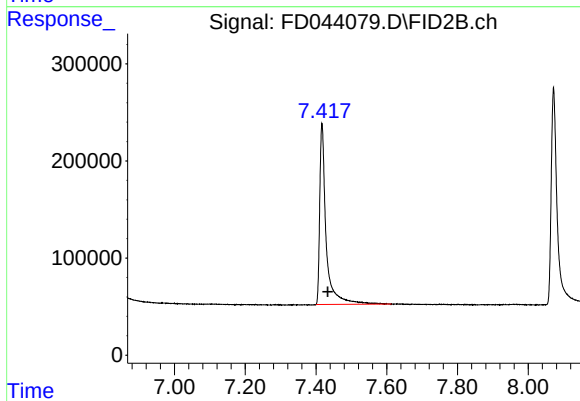
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.016 min
Response: 2622048
Conc: 18.41 ug/ml



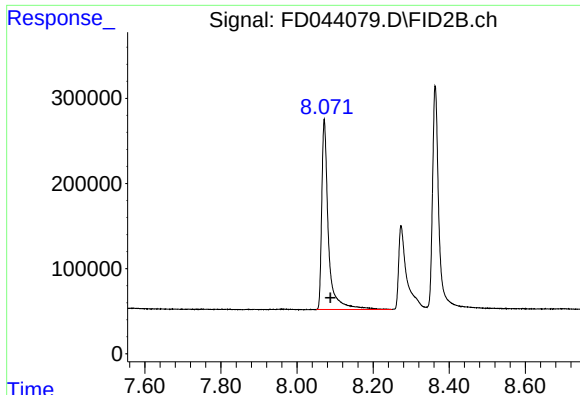
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.015 min
Response: 2709595
Conc: 18.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min
Delta R.T.: -0.016 min
Response: 2361183
Conc: 17.95 ug/ml



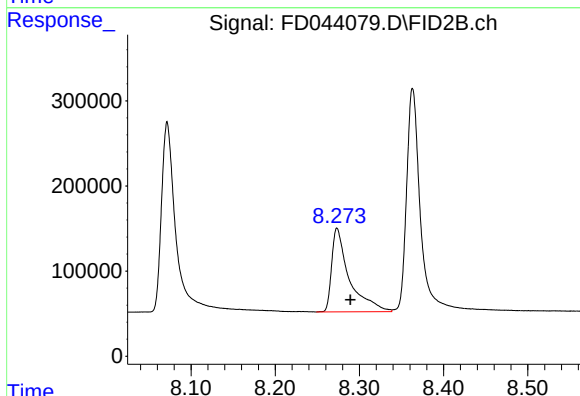
#5 Acenaphthylene (C15.06)

R.T.: 8.072 min
Delta R.T.: -0.016 min
Response: 2735573
Conc: 17.73 ug/ml

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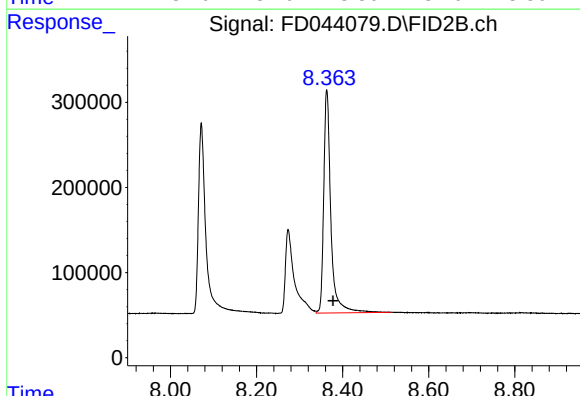
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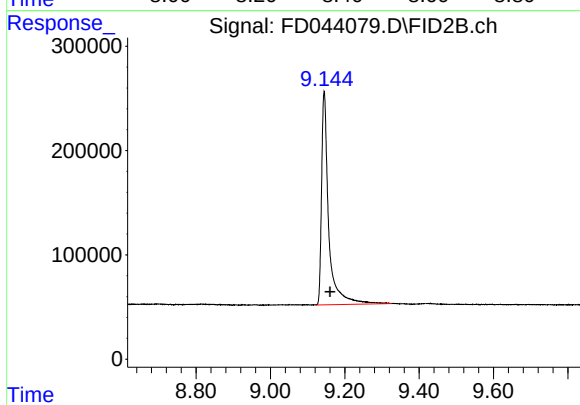
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.015 min
Response: 1430903
Conc: 19.84 ug/ml



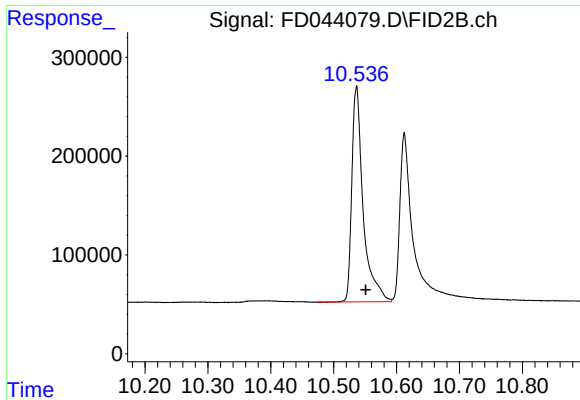
#7 Acenaphthene (C15.5)

R.T.: 8.363 min
Delta R.T.: -0.015 min
Response: 3024112
Conc: 17.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.144 min
Delta R.T.: -0.016 min
Response: 2740537
Conc: 18.65 ug/ml m



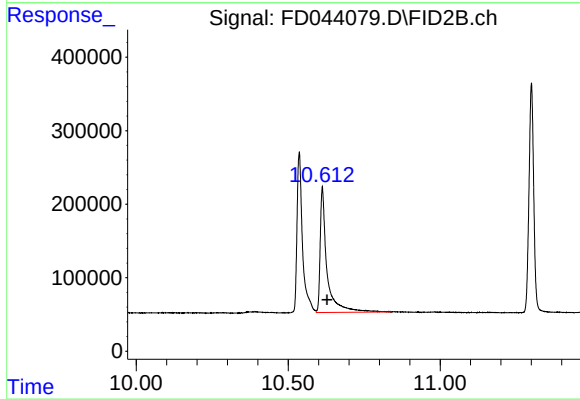
#9 Phenanthrene (C19.36)

R.T.: 10.536 min
Delta R.T.: -0.015 min
Response: 2739750
Conc: 18.93 ug/ml

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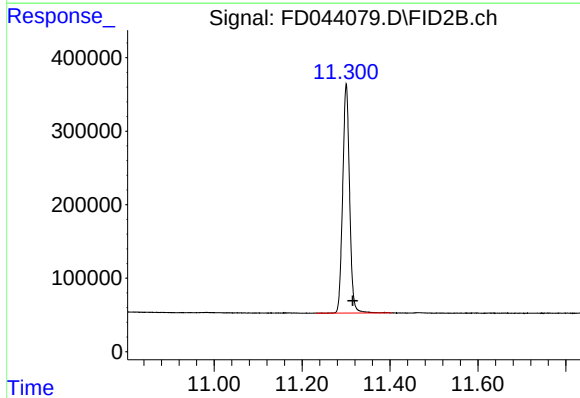
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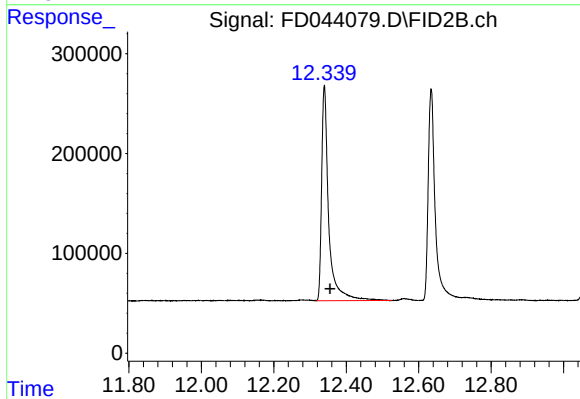
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.015 min
Response: 2652765
Conc: 18.08 ug/ml



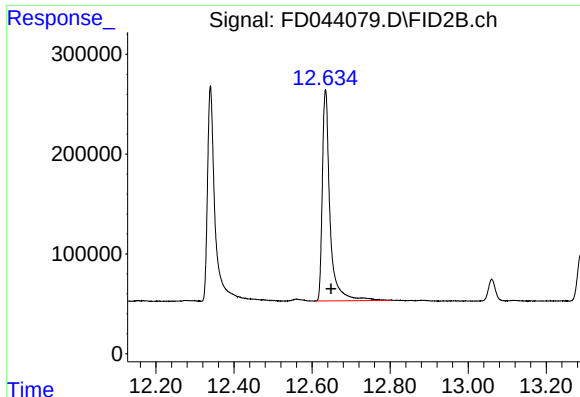
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.015 min
Response: 3386477
Conc: 18.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.340 min
Delta R.T.: -0.015 min
Response: 2929799
Conc: 19.10 ug/ml



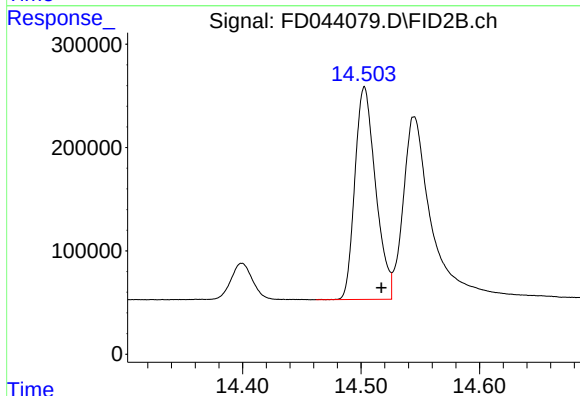
#13 Pyrene (C20.8)

R.T.: 12.634 min
Delta R.T.: -0.014 min
Response: 2902353
Conc: 19.51 ug/ml

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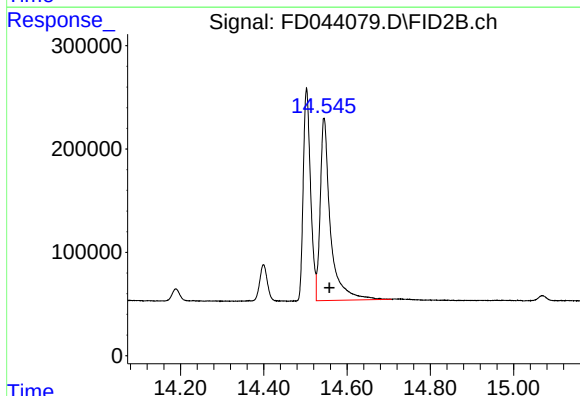
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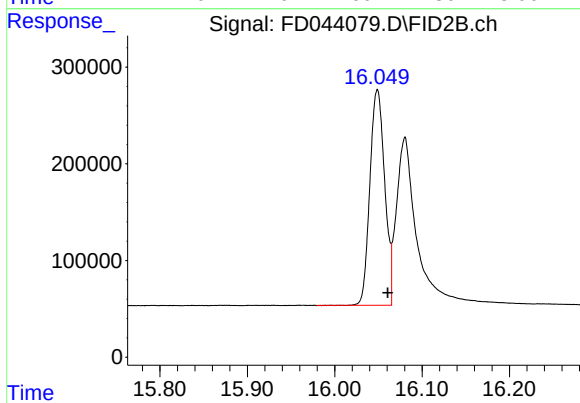
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.014 min
Response: 2498064
Conc: 22.35 ug/ml



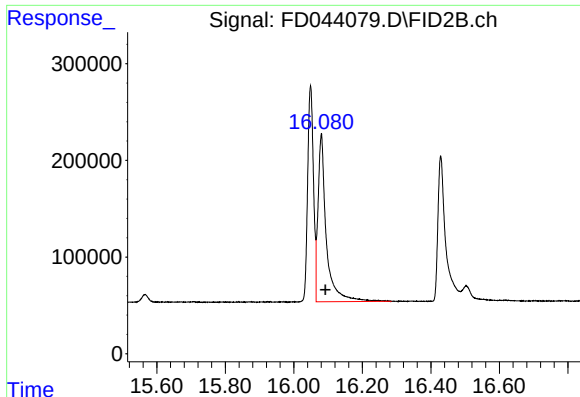
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: -0.013 min
Response: 3034486
Conc: 19.42 ug/ml



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

R.T.: 16.049 min
Delta R.T.: -0.012 min
Response: 2624314
Conc: 22.50 ug/ml



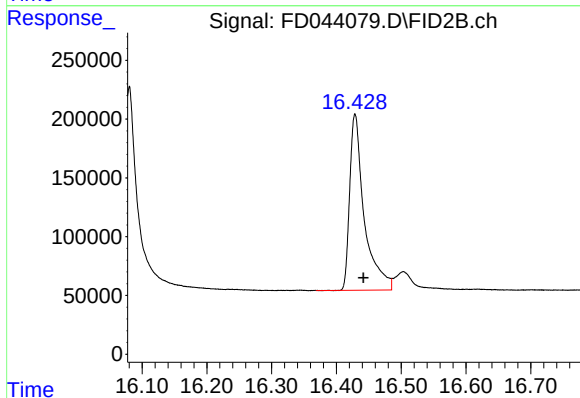
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.012 min
Response: 2916375
Conc: 19.64 ug/ml

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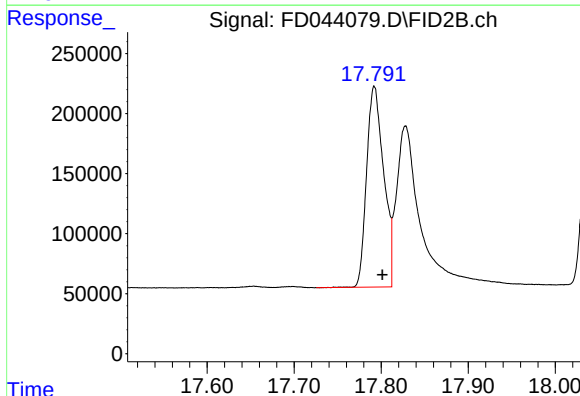
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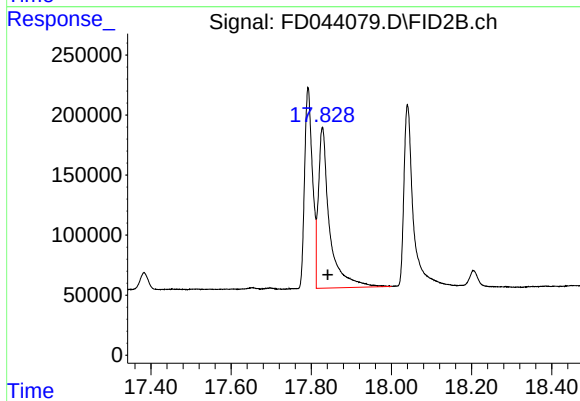
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.013 min
Response: 2339497
Conc: 19.31 ug/ml



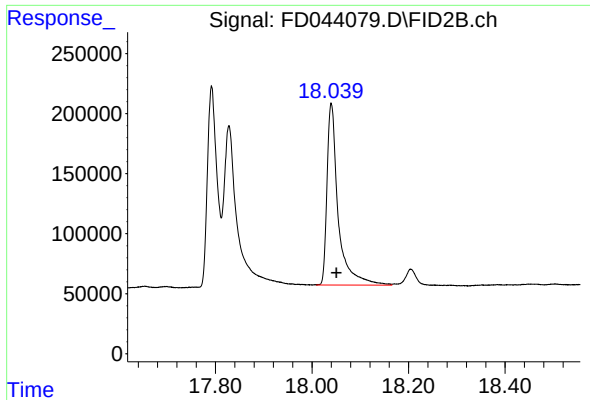
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.009 min
Response: 2271677
Conc: 23.89 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.013 min
Response: 2615238
Conc: 21.77 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.010 min
Response: 2440593
Conc: 21.42 ug/ml

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