

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044428.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2022 03:07
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:39:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 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...	7.697	2925299	21.618 ug/mlm
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.558	2005307	21.383 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.77%
11) S ortho-Terphenyl (SURR)	11.593	3677952	21.437 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	3161282	21.688 ug/ml
2) T Naphthalene (C11.7)	6.041	3372899	21.663 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	3423815	21.671 ug/ml
5) T Acenaphthylene (C15.06)	8.362	3135887	20.796 ug/ml
7) T Acenaphthene (C15.5)	8.657	3326051	21.495 ug/ml
8) T Flouorene (C16.55)	9.435	3296907	21.437 ug/ml
9) T Phenanthrene (C19.36)	10.828	3259371	21.674 ug/mlm
10) T Anthracene (C19.43)	10.901	2896651	19.770 ug/mlm
12) T Fluoranthene (C21.85)	12.634	3258330	21.440 ug/ml
13) T Pyrene (C20.8)	12.930	3185222	21.427 ug/mlm
14) T Benzo[a]anthracene (C...	14.793	2954508	21.108 ug/mlm
15) T Chrysene (C27.41)	14.836	3127007	21.352 ug/mlm
16) T benzo[b]fluoranthene ...	16.336	3085655	21.455 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.368	3027984	21.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.713	2925298	20.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	2877853	21.106 ug/mlm
20) T Dibenz[a,h]anthracene...	18.110	3059722	22.715 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	2888473	21.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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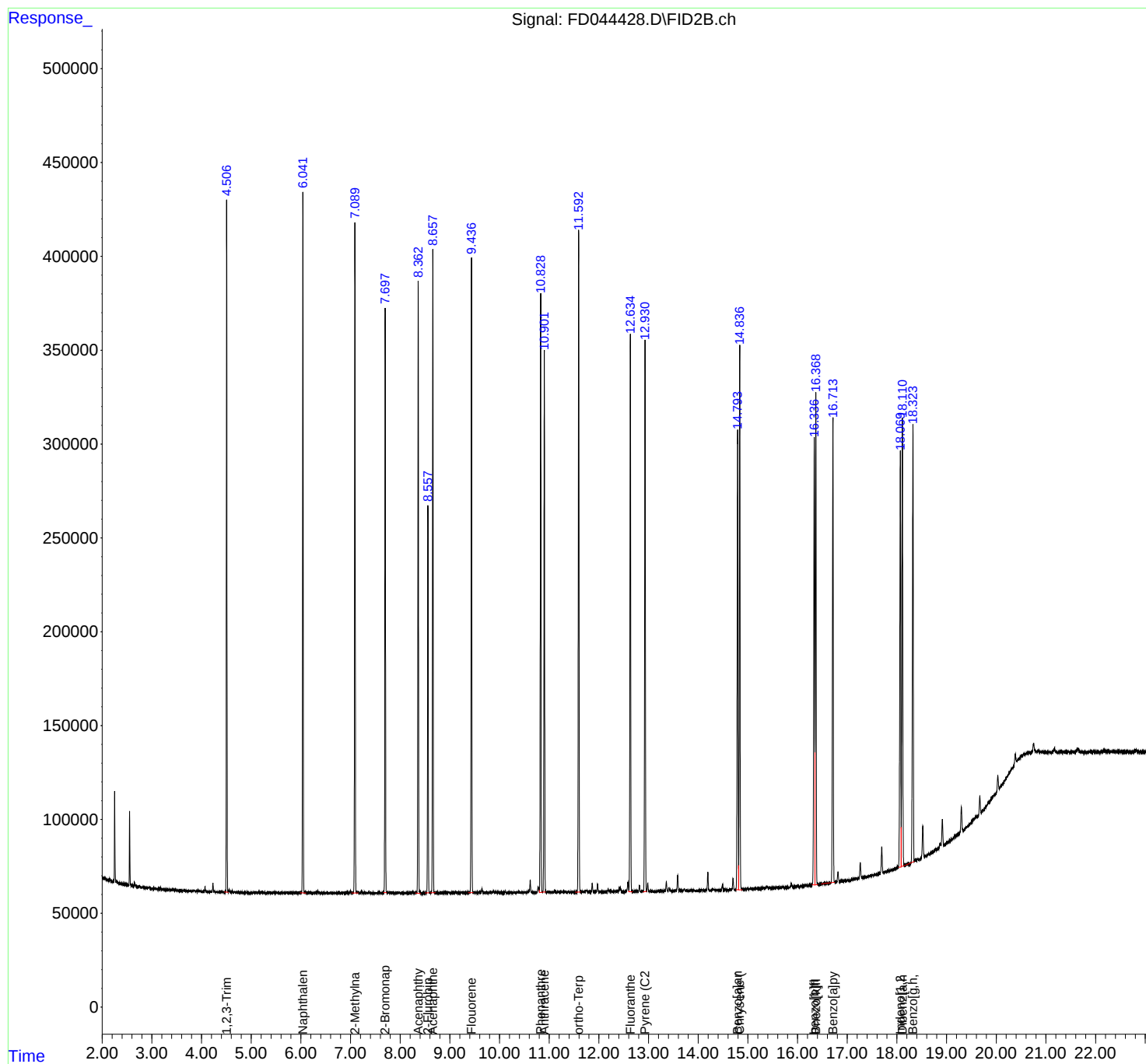
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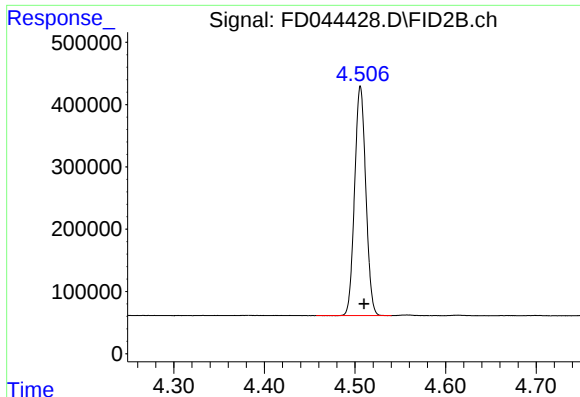
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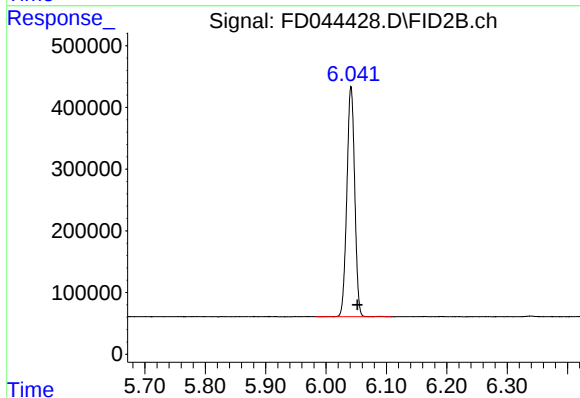
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 3161282
Conc: 21.69 ug/ml

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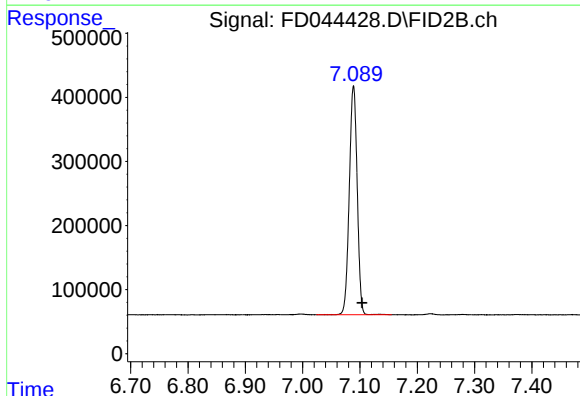
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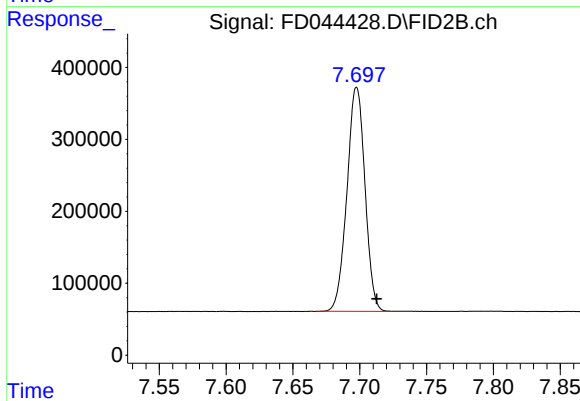
#2 Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.011 min
Response: 3372899
Conc: 21.66 ug/ml



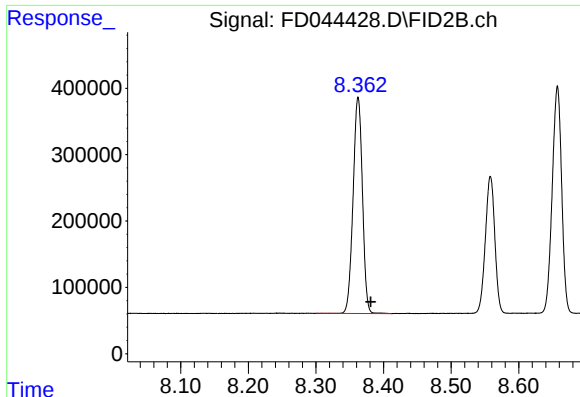
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.015 min
Response: 3423815
Conc: 21.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.697 min
Delta R.T.: -0.015 min
Response: 2925299
Conc: 21.62 ug/ml m



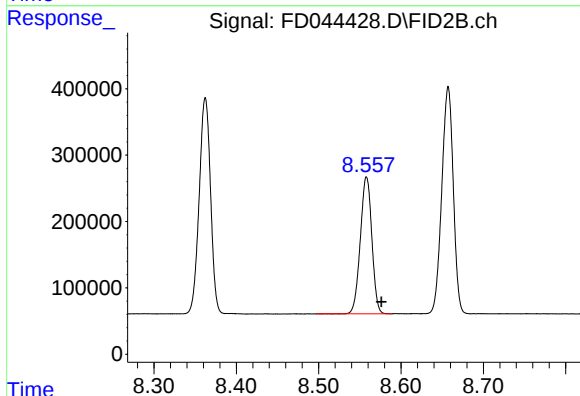
#5 Acenaphthylene (C15.06)

R.T.: 8.362 min
Delta R.T.: -0.019 min
Response: 3135887
Conc: 20.80 ug/ml

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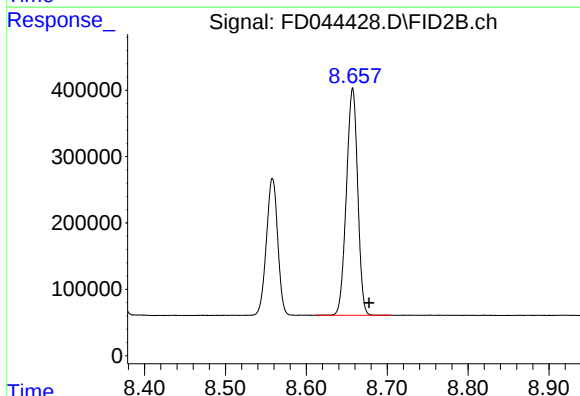
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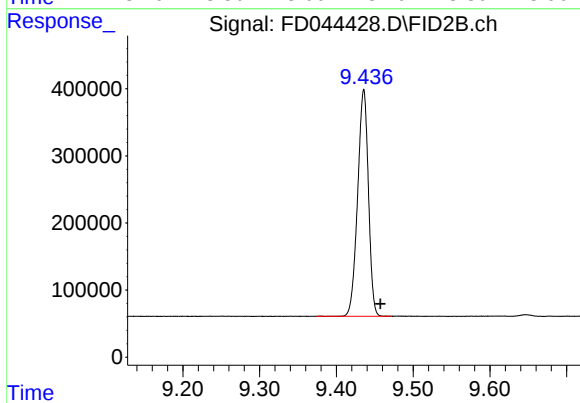
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: -0.018 min
Response: 2005307
Conc: 21.38 ug/ml



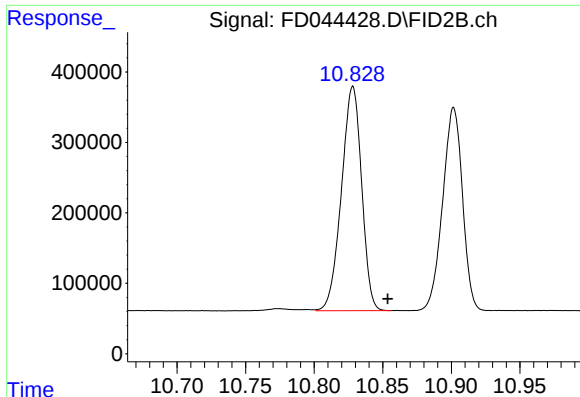
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: -0.020 min
Response: 3326051
Conc: 21.49 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.435 min
Delta R.T.: -0.022 min
Response: 3296907
Conc: 21.44 ug/ml



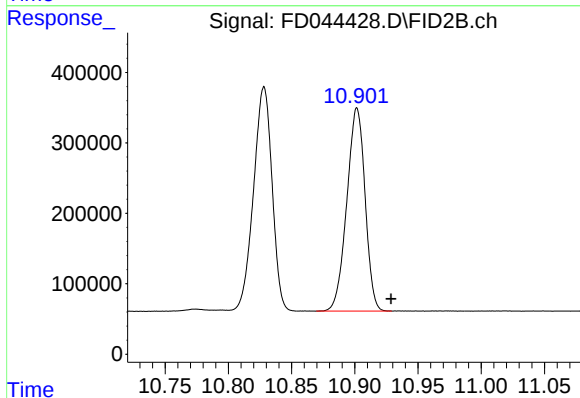
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.026 min
Response: 3259371
Conc: 21.67 ug/ml

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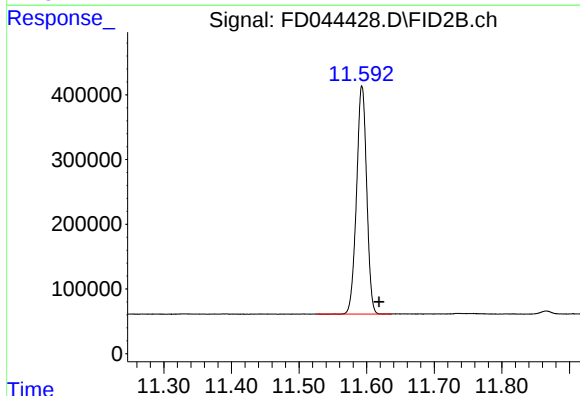
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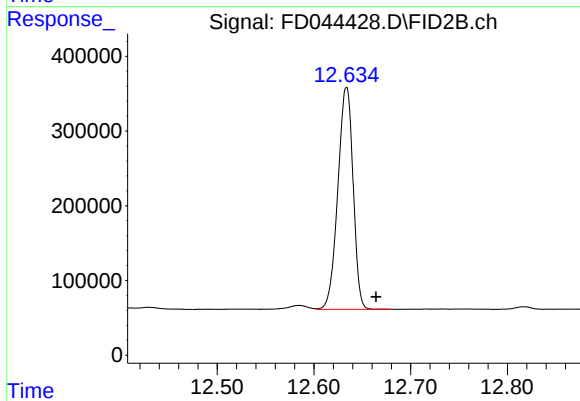
#10 Anthracene (C19.43)

R.T.: 10.901 min
Delta R.T.: -0.027 min
Response: 2896651
Conc: 19.77 ug/ml m



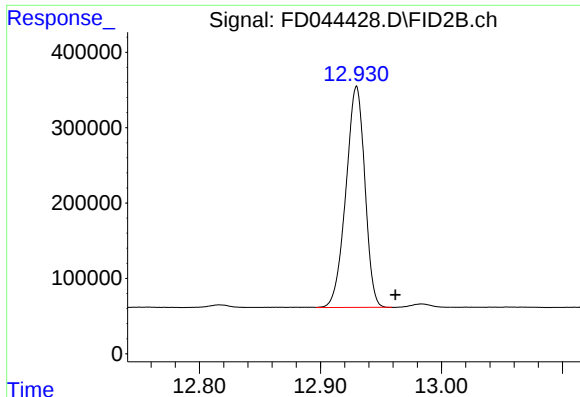
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.025 min
Response: 3677952
Conc: 21.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.031 min
Response: 3258330
Conc: 21.44 ug/ml



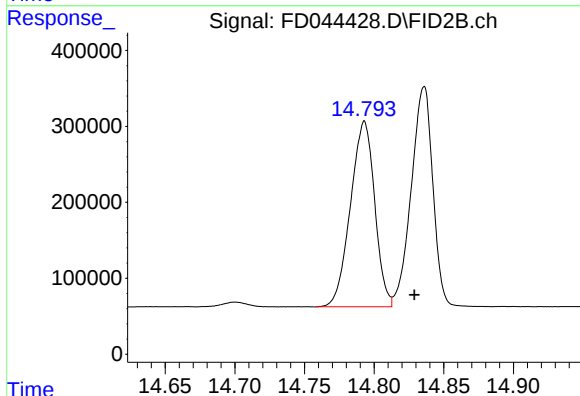
#13 Pyrene (C20.8)

R.T.: 12.930 min
Delta R.T.: -0.032 min
Response: 3185222
Conc: 21.43 ug/ml

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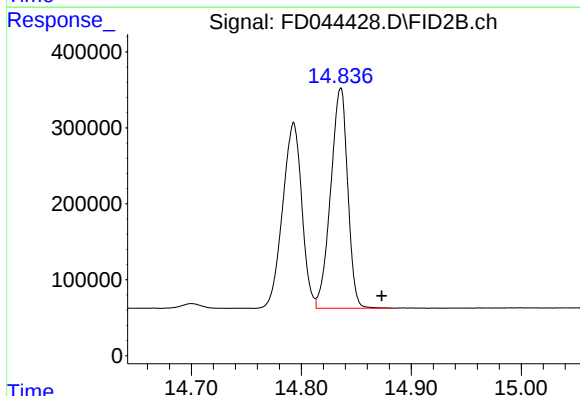
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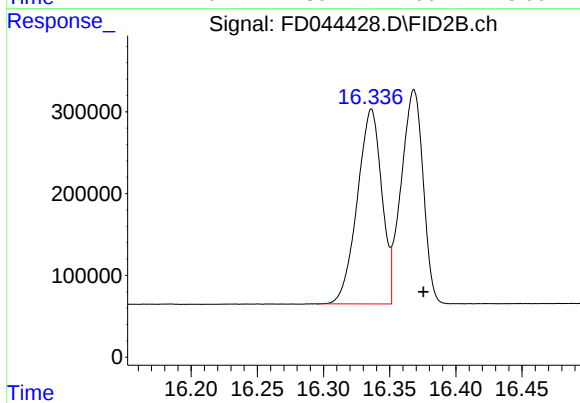
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: -0.036 min
Response: 2954508
Conc: 21.11 ug/ml m



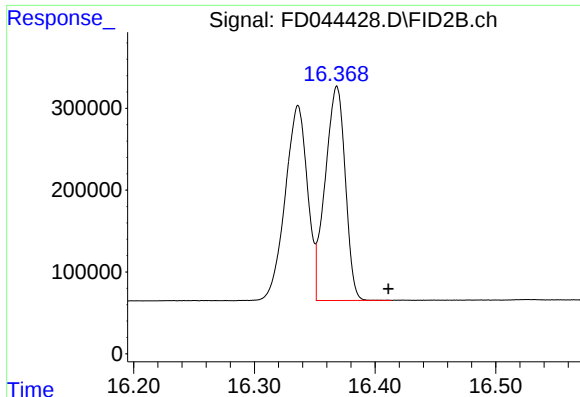
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: -0.037 min
Response: 3127007
Conc: 21.35 ug/ml m



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

R.T.: 16.336 min
Delta R.T.: -0.040 min
Response: 3085655
Conc: 21.46 ug/ml m



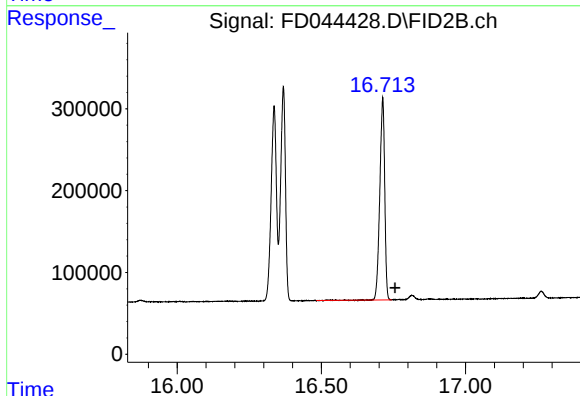
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.368 min
Delta R.T.: -0.043 min
Response: 3027984
Conc: 21.30 ug/ml

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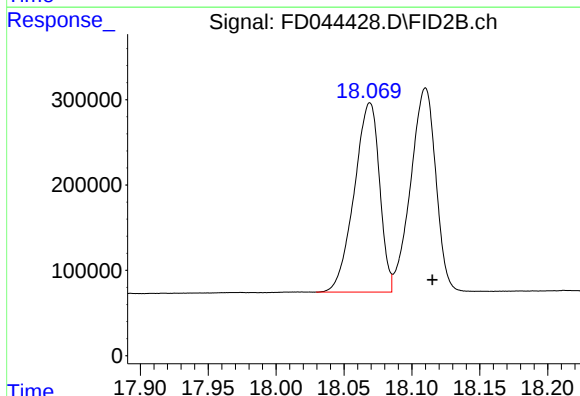
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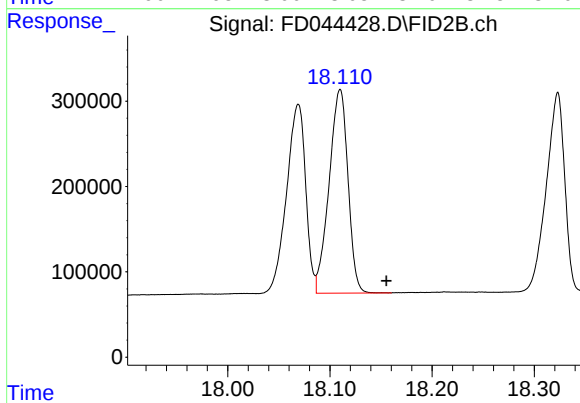
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.713 min
Delta R.T.: -0.043 min
Response: 2925298
Conc: 20.91 ug/ml



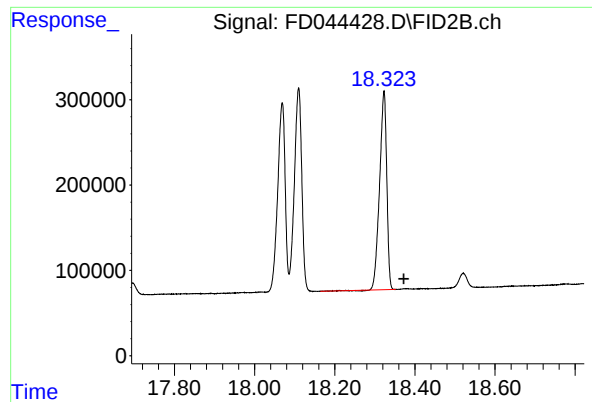
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min
Delta R.T.: -0.047 min
Response: 2877853
Conc: 21.11 ug/ml m



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

R.T.: 18.110 min
Delta R.T.: -0.046 min
Response: 3059722
Conc: 22.72 ug/ml



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

R.T.: 18.323 min
Delta R.T.: -0.050 min
Response: 2888473
Conc: 21.16 ug/ml

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