

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044411.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2022 14:09
 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 03:02:07 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...	7.698	2861233	21.145 ug/mlm
Spiked Amount 50.000		Recovery =	42.29%
6) S 2-Fluorobiphenyl (SURR)	8.559	1960699	20.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.81%
11) S ortho-Terphenyl (SURR)	11.593	3605085	21.012 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	3083174	21.152 ug/ml
2) T Naphthalene (C11.7)	6.042	3282643	21.083 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	3323910	21.039 ug/ml
5) T Acenaphthylene (C15.06)	8.363	3053227	20.247 ug/ml
7) T Acenaphthene (C15.5)	8.658	3252482	21.019 ug/ml
8) T Flouorene (C16.55)	9.436	3219278	20.933 ug/ml
9) T Phenanthrene (C19.36)	10.828	3184307	21.175 ug/mlm
10) T Anthracene (C19.43)	10.902	2847341	19.434 ug/mlm
12) T Fluoranthene (C21.85)	12.634	3191377	21.000 ug/ml
13) T Pyrene (C20.8)	12.930	3125838	21.028 ug/mlm
14) T Benzo[a]anthracene (C...	14.795	2913672	20.816 ug/mlm
15) T Chrysene (C27.41)	14.837	3068173	20.950 ug/mlm
16) T benzo[b]fluoranthene ...	16.339	2983578	20.745 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.371	2979637	20.957 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	2881029	20.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	2839782	20.827 ug/mlm
20) T Dibenz[a,h]anthracene...	18.113	2977045	22.101 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	2871507	21.035 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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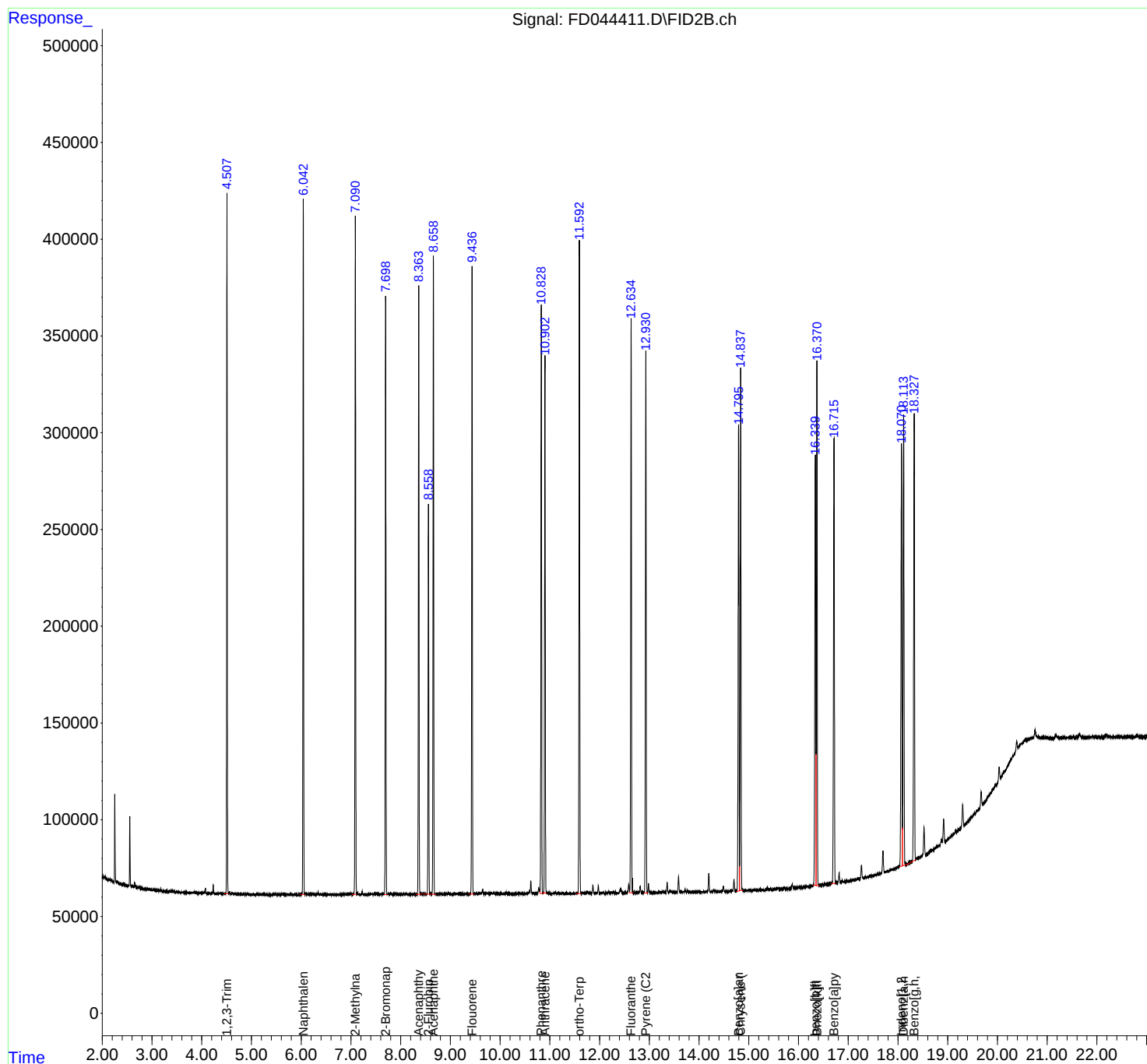
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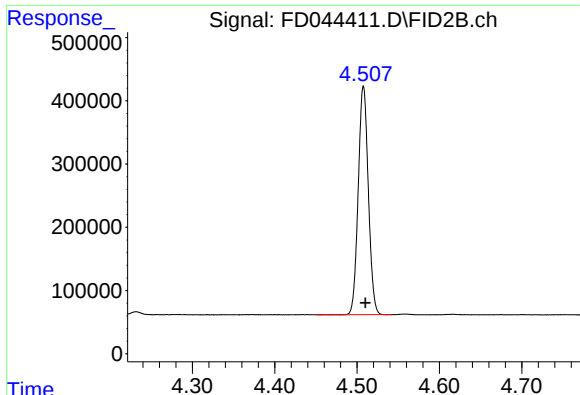
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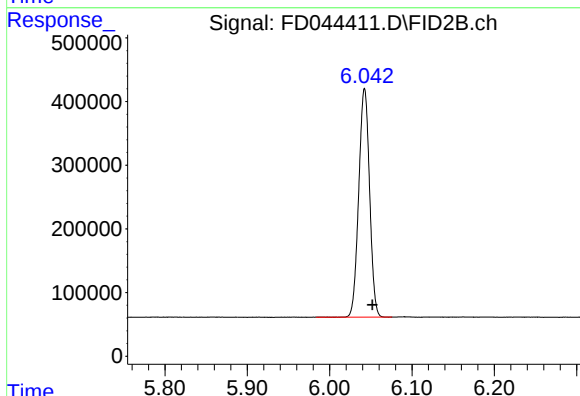
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 3083174
Conc: 21.15 ug/ml

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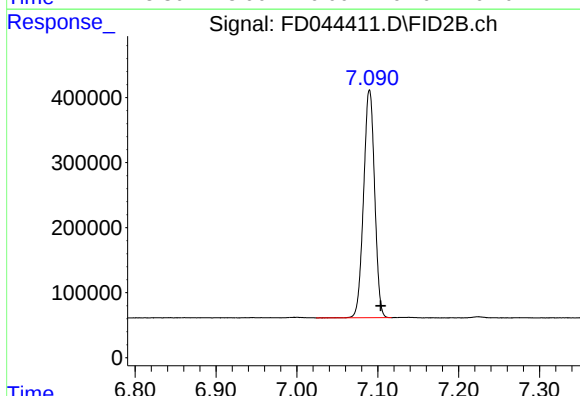
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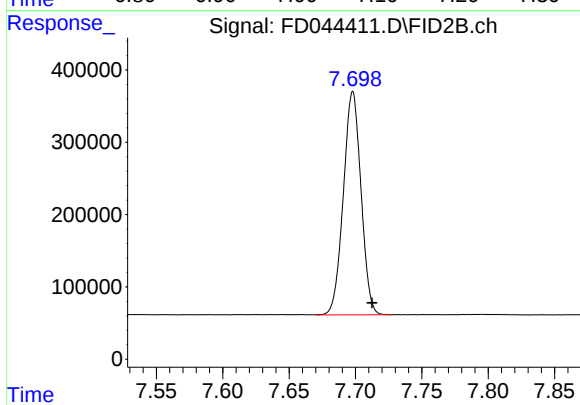
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.010 min
Response: 3282643
Conc: 21.08 ug/ml



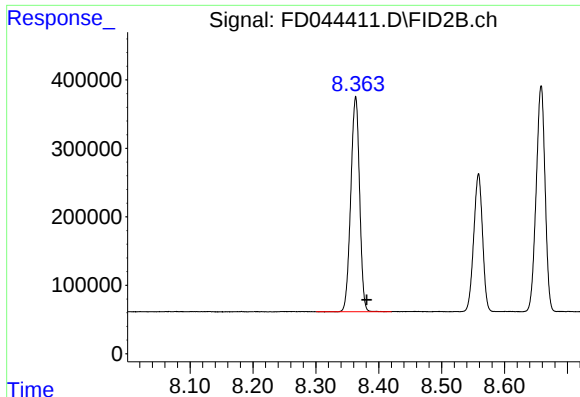
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.014 min
Response: 3323910
Conc: 21.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.698 min
Delta R.T.: -0.015 min
Response: 2861233
Conc: 21.14 ug/ml m



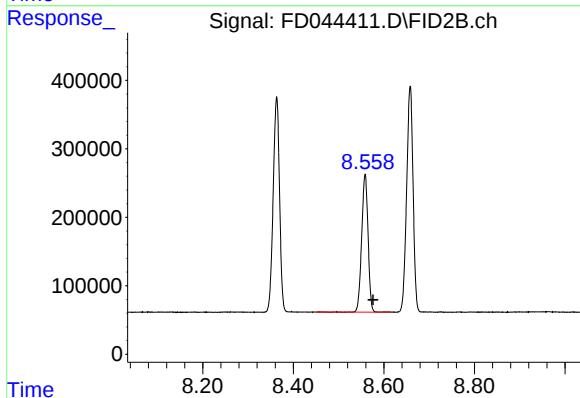
#5 Acenaphthylene (C15.06)

R.T.: 8.363 min
Delta R.T.: -0.018 min
Response: 3053227
Conc: 20.25 ug/ml

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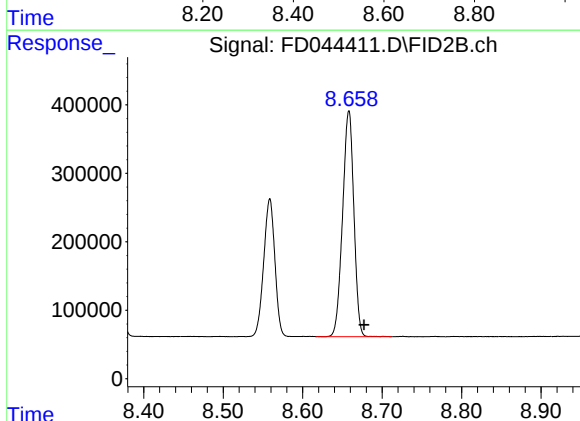
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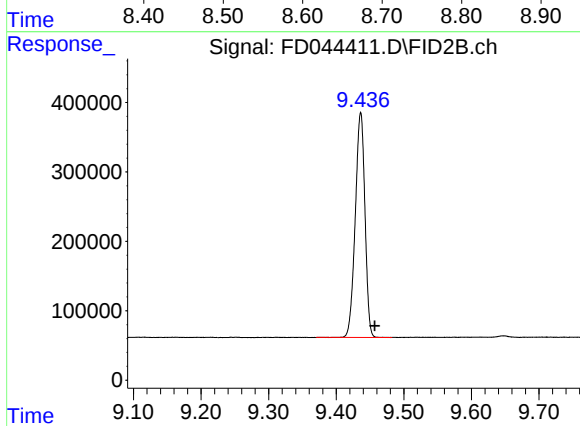
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: -0.018 min
Response: 1960699
Conc: 20.91 ug/ml



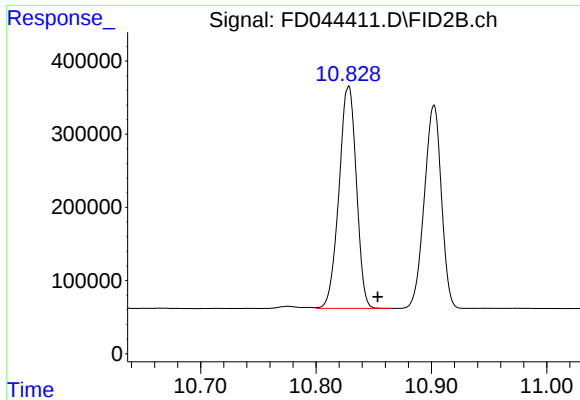
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: -0.019 min
Response: 3252482
Conc: 21.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.436 min
Delta R.T.: -0.021 min
Response: 3219278
Conc: 20.93 ug/ml



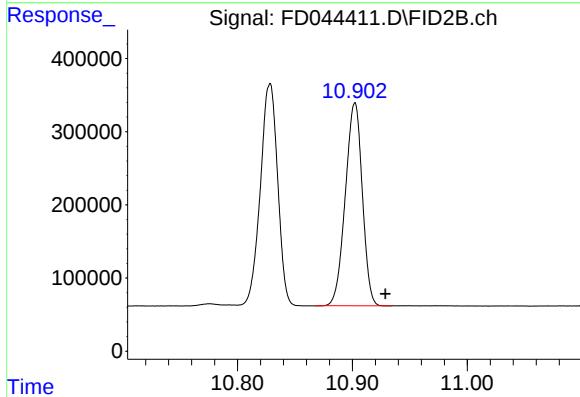
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.025 min
Response: 3184307
Conc: 21.18 ug/ml

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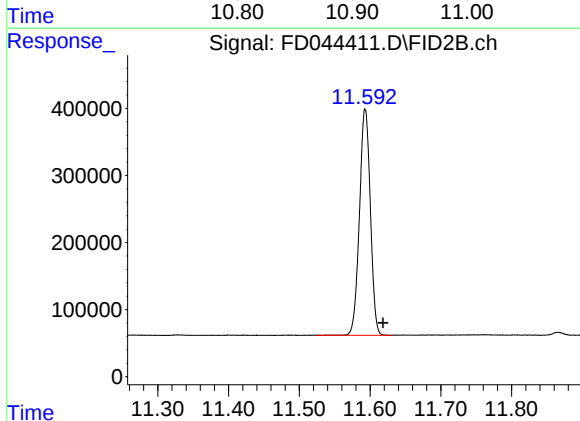
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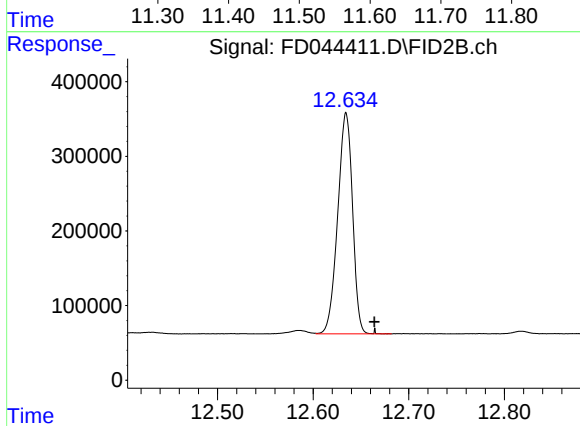
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.027 min
Response: 2847341
Conc: 19.43 ug/ml m



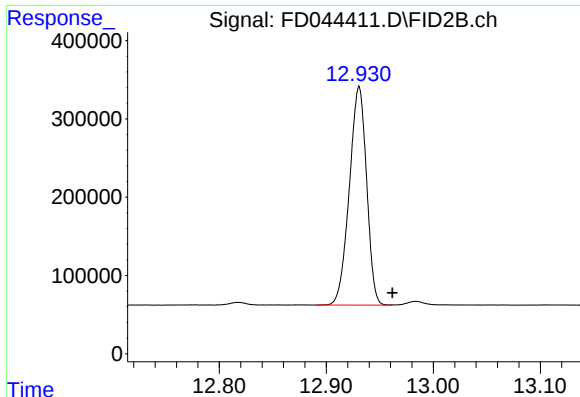
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.025 min
Response: 3605085
Conc: 21.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.030 min
Response: 3191377
Conc: 21.00 ug/ml



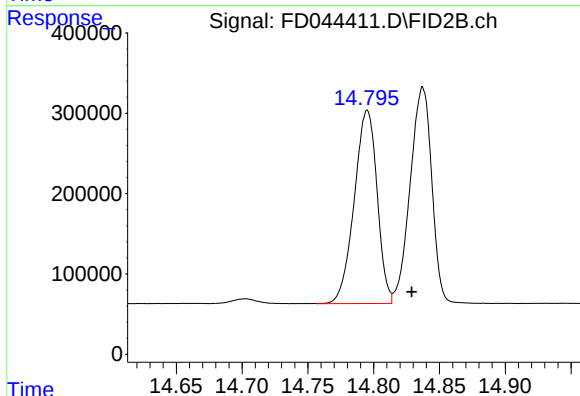
#13 Pyrene (C20.8)

R.T.: 12.930 min
Delta R.T.: -0.031 min
Response: 3125838
Conc: 21.03 ug/ml

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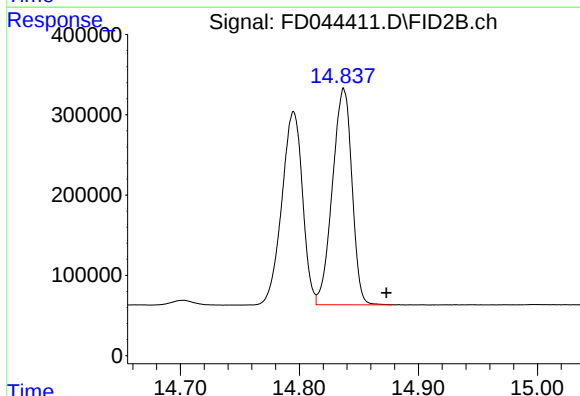
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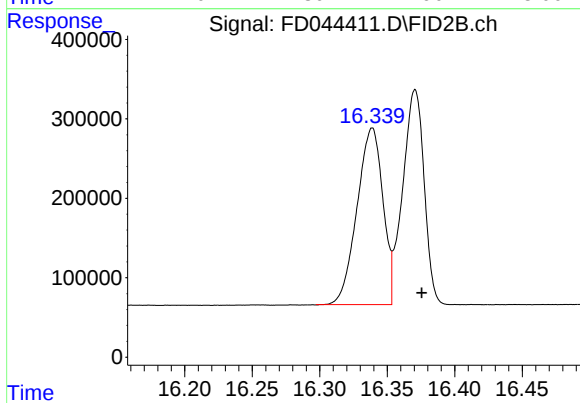
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: -0.034 min
Response: 2913672
Conc: 20.82 ug/ml m



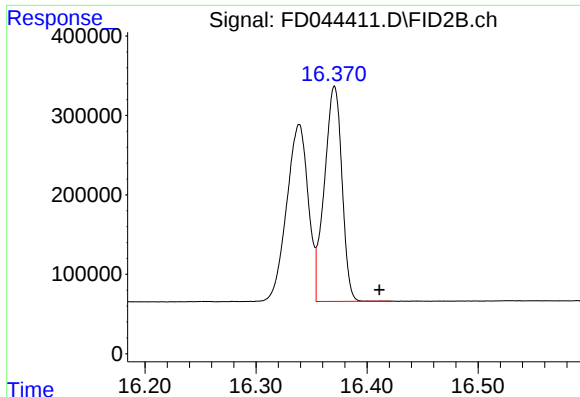
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: -0.036 min
Response: 3068173
Conc: 20.95 ug/ml m



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

R.T.: 16.339 min
Delta R.T.: -0.036 min
Response: 2983578
Conc: 20.75 ug/ml m



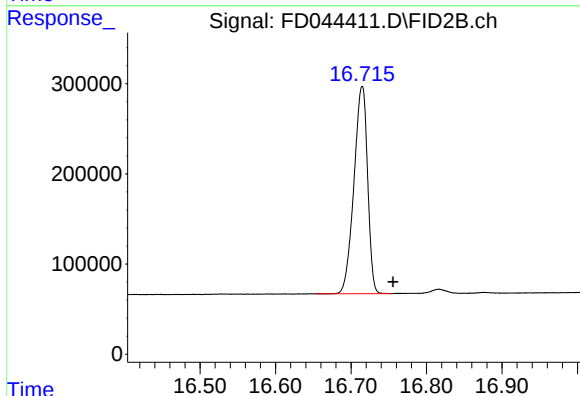
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.371 min
Delta R.T.: -0.041 min
Response: 2979637
Conc: 20.96 ug/ml

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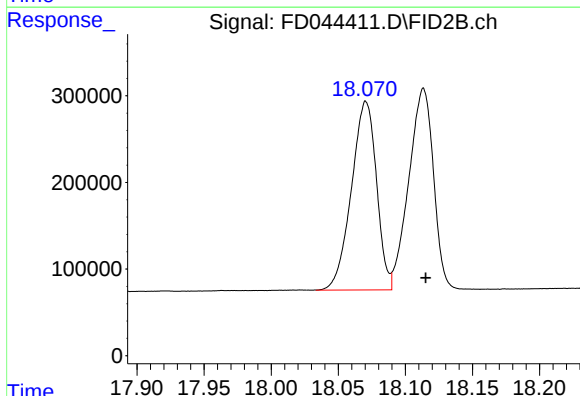
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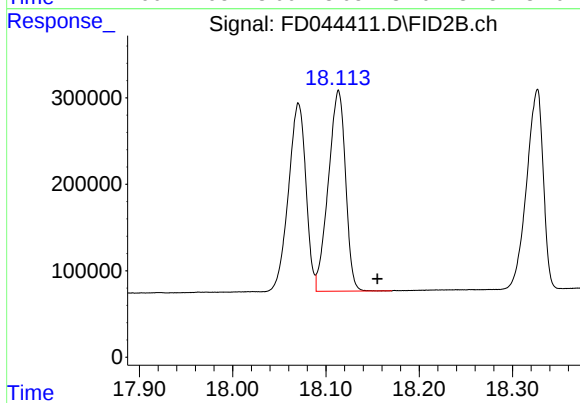
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: -0.041 min
Response: 2881029
Conc: 20.59 ug/ml



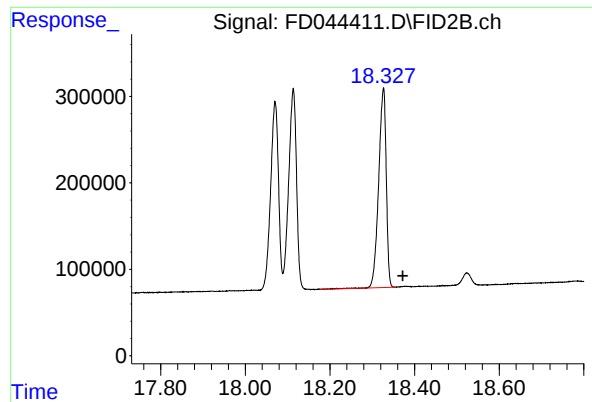
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: -0.045 min
Response: 2839782
Conc: 20.83 ug/ml m



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

R.T.: 18.113 min
Delta R.T.: -0.042 min
Response: 2977045
Conc: 22.10 ug/ml



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

R.T.: 18.326 min
Delta R.T.: -0.047 min
Response: 2871507
Conc: 21.04 ug/ml

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