

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047303.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 13:08
 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 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File: sample.E
 Quant Time: Feb 24 02:24:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.463	3042600	19.985 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
6) S 2-Fluorobiphenyl (SURR)	8.316	2015775	19.943 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.89%
11) S ortho-Terphenyl (SURR)	11.354	3468793	19.668 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3199065	20.292 ug/ml
2) T Naphthalene (C11.7)	5.803	3337697	20.083 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3353431	19.885 ug/ml
5) T Acenaphthylene (C15.06)	8.120	2993772	19.451 ug/ml
7) T Acenaphthene (C15.5)	8.415	3236275	19.634 ug/ml
8) T Fluorene (C16.55)	9.193	3159241	19.926 ug/ml
9) T Phenanthrene (C19.36)	10.582	3059355	19.692 ug/ml
10) T Anthracene (C19.43)	10.655	2303782	15.622 ug/ml
12) T Fluoranthene (C21.85)	12.385	3091490	19.967 ug/mlm
13) T Pyrene (C20.8)	12.679	2969011	19.737 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2646414	19.687 ug/ml
15) T Chrysene (C27.41)	14.586	2928003	19.996 ug/ml
16) T benzo[b]fluoranthene ...	16.086	2713231	19.706 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2916811	21.021 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2524718	18.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2513546	19.910 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2569198	19.282 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2622186	19.776 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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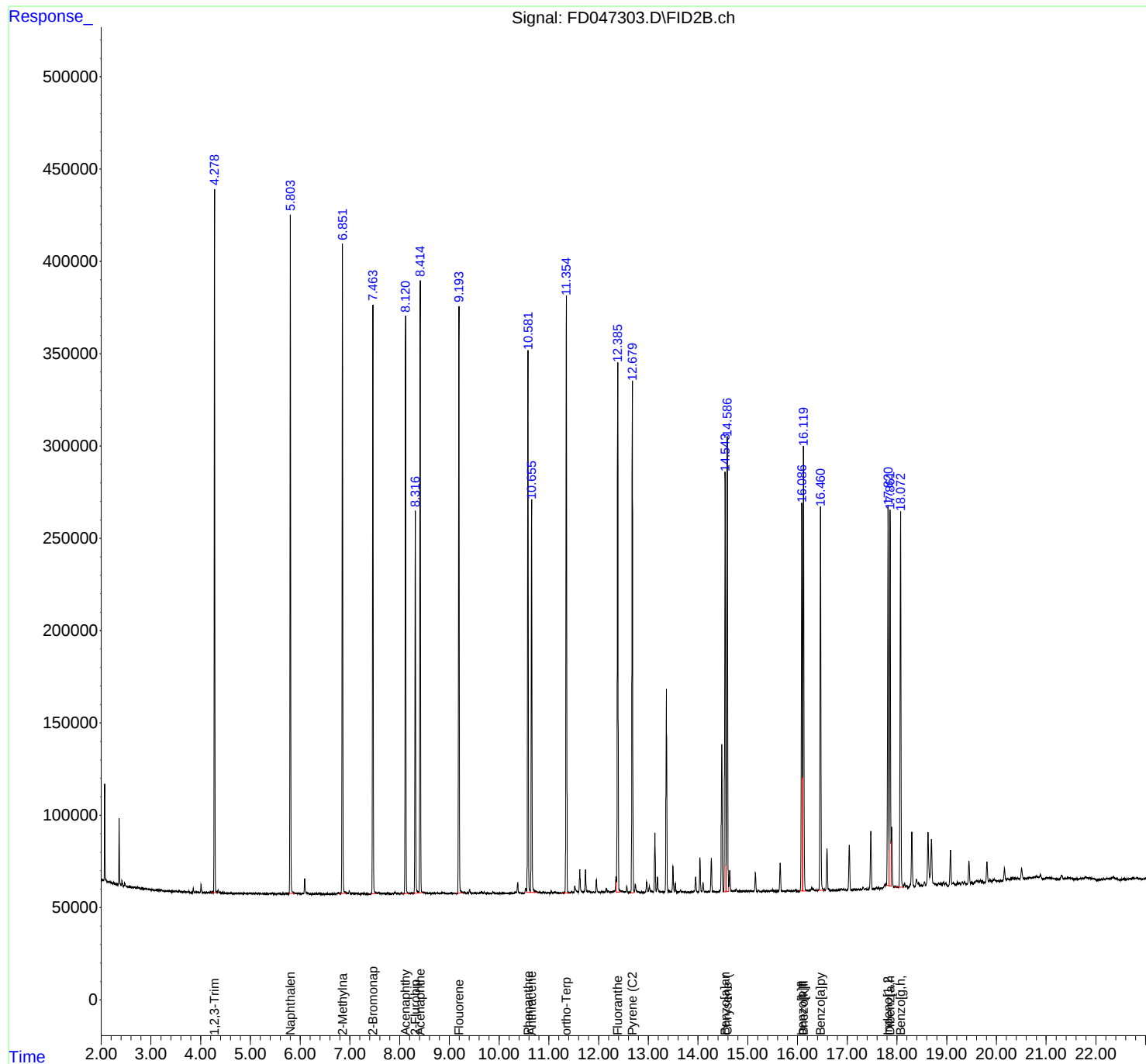
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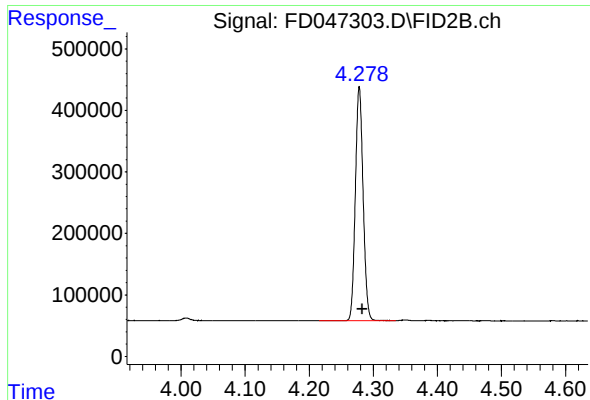
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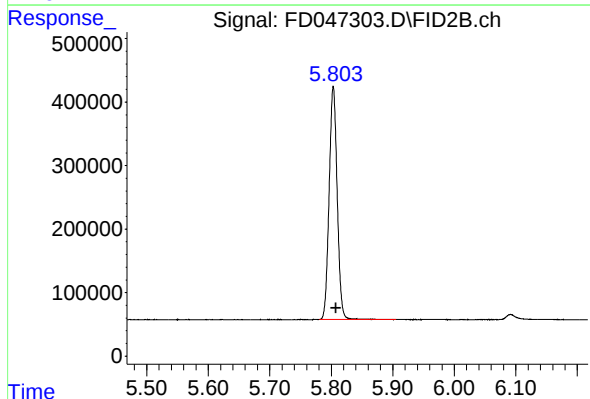
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 3199065
Conc: 20.29 ug/ml

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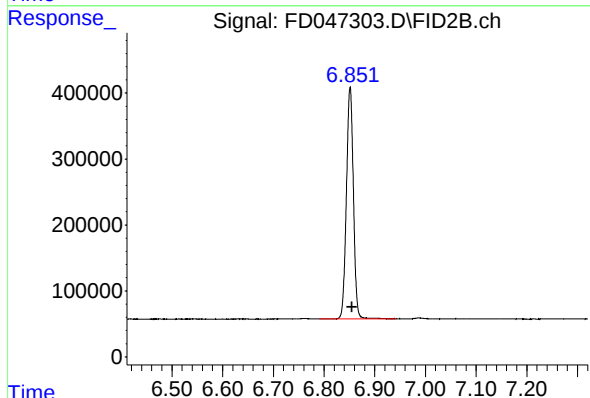
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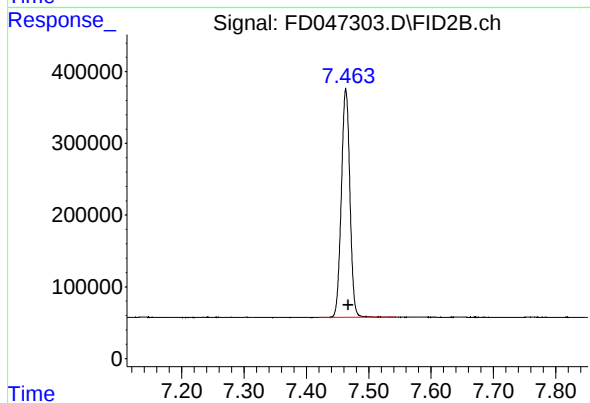
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 3337697
Conc: 20.08 ug/ml



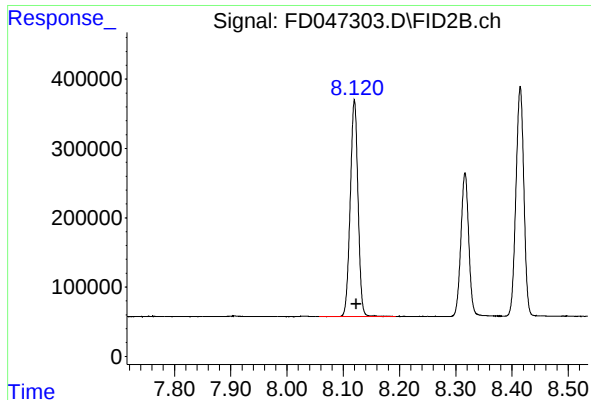
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 3353431
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3042600
Conc: 19.99 ug/ml



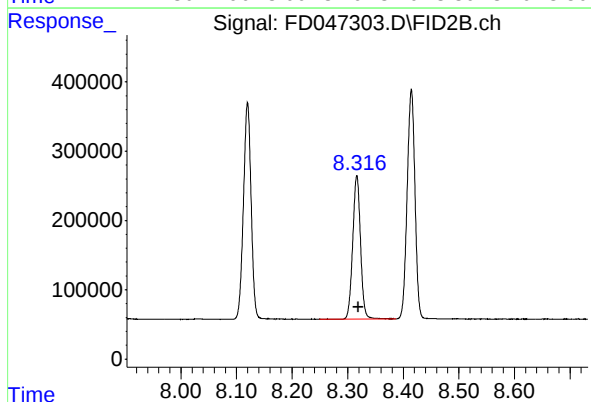
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 2993772
Conc: 19.45 ug/ml

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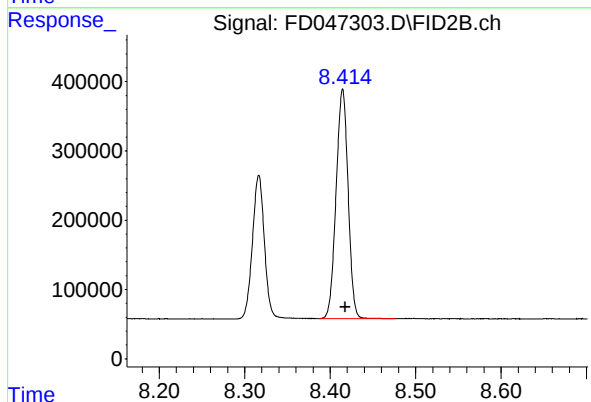
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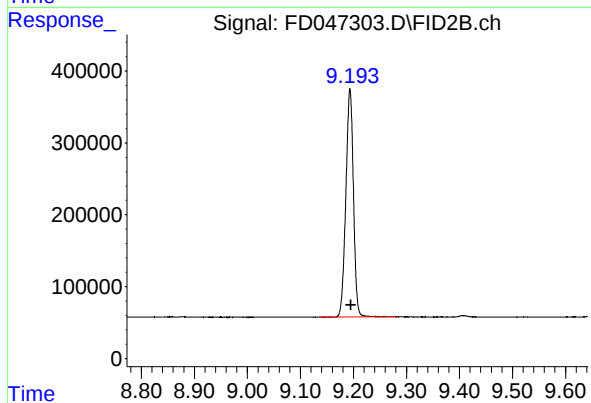
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 2015775
Conc: 19.94 ug/ml



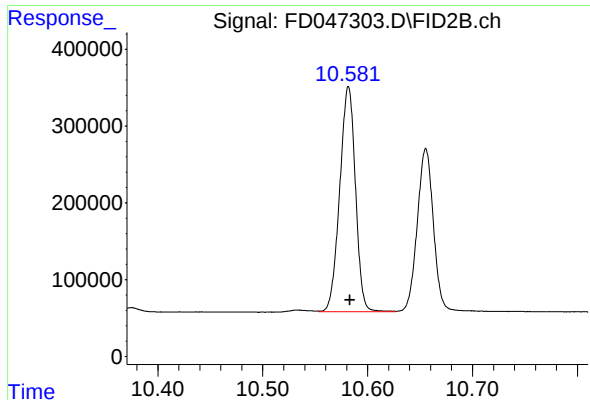
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 3236275
Conc: 19.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.193 min
Delta R.T.: -0.002 min
Response: 3159241
Conc: 19.93 ug/ml



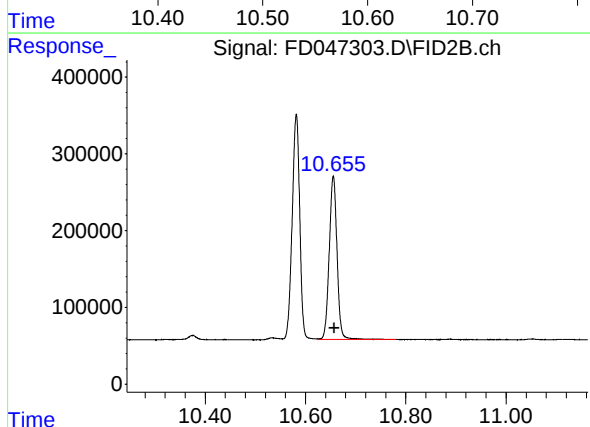
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: -0.002 min
Response: 3059355
Conc: 19.69 ug/ml

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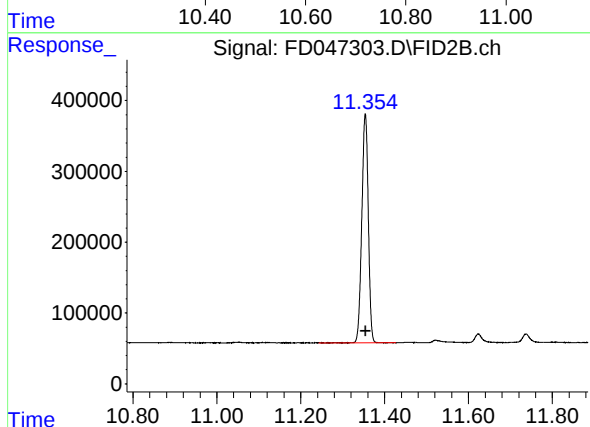
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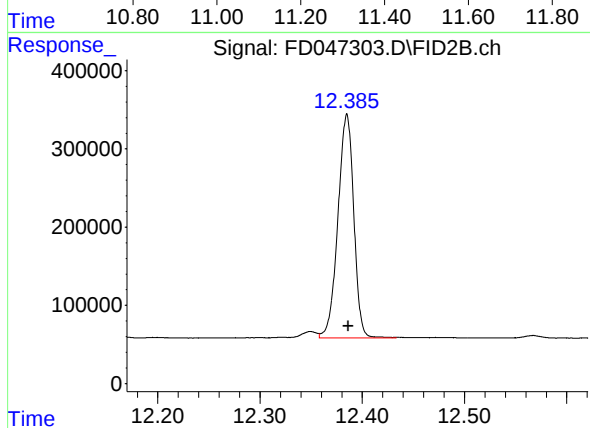
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: -0.002 min
Response: 2303782
Conc: 15.62 ug/ml



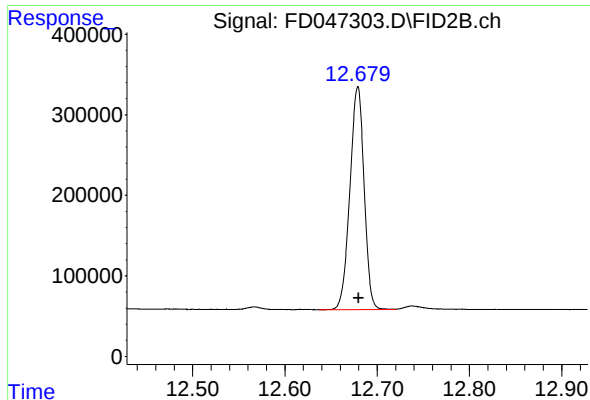
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 3468793
Conc: 19.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 3091490
Conc: 19.97 ug/ml m



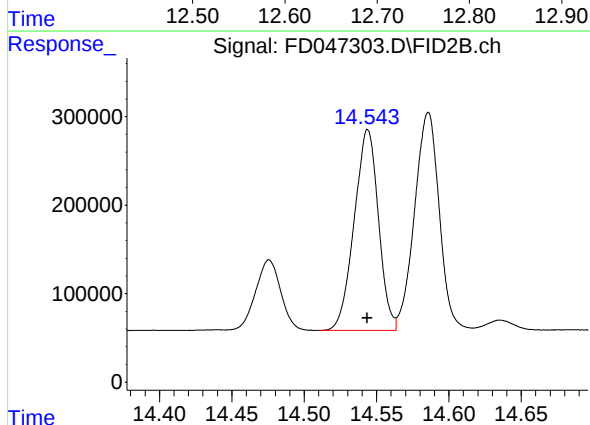
#13 Pyrene (C20.8)

R.T.: 12.679 min
Delta R.T.: -0.001 min
Response: 2969011
Conc: 19.74 ug/ml

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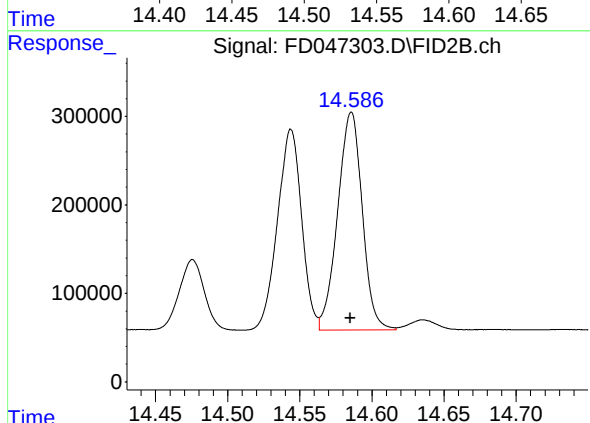
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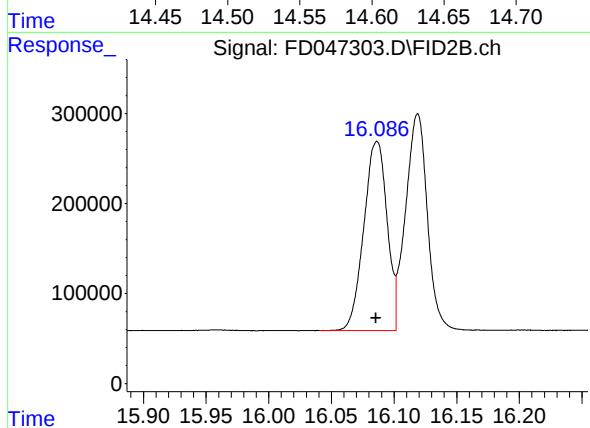
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2646414
Conc: 19.69 ug/ml



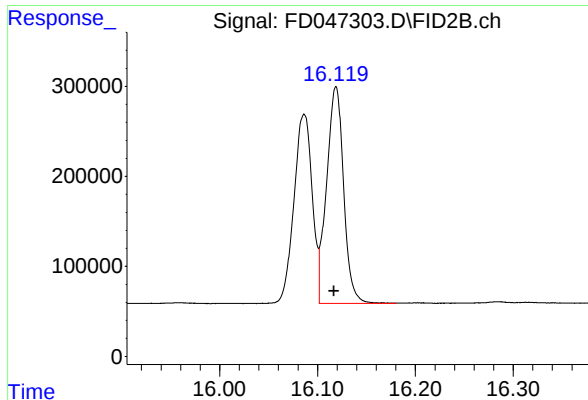
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.000 min
Response: 2928003
Conc: 20.00 ug/ml



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

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 2713231
Conc: 19.71 ug/ml



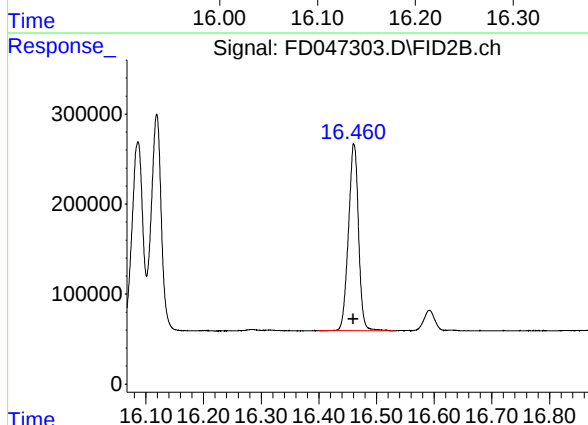
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.002 min
Response: 2916811
Conc: 21.02 ug/ml

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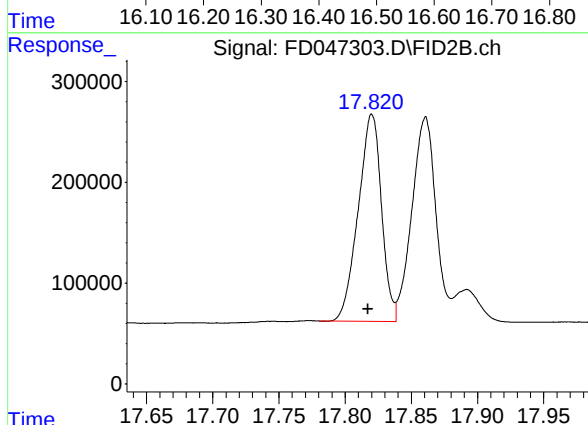
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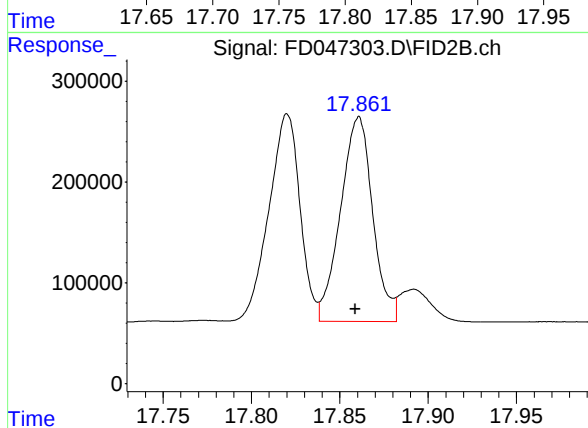
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.001 min
Response: 2524718
Conc: 18.65 ug/ml



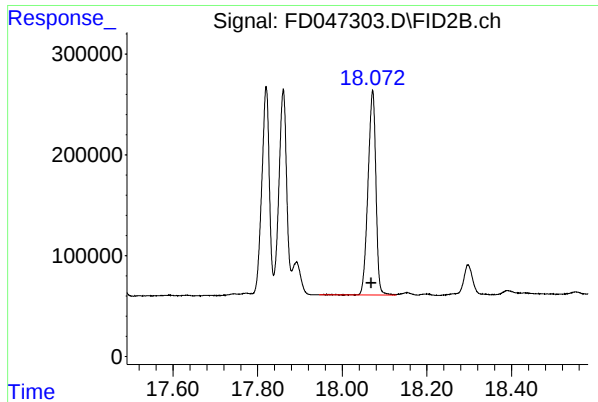
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.003 min
Response: 2513546
Conc: 19.91 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 2569198
Conc: 19.28 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2622186
Conc: 19.78 ug/ml

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