

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
 Data File : FD049374.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2025 15:48
 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

Integration File: autoint1.e
 Quant Time: May 23 04:31:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 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...	7.737	2663047	22.460 ug/ml
Spiked Amount 50.000		Recovery =	44.92%
6) S 2-Fluorobiphenyl (SURR)	8.603	1792852	22.702 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.40%
11) S ortho-Terphenyl (SURR)	11.648	3086277	22.361 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2710943	21.712 ug/ml
2) T Naphthalene (C11.7)	6.073	2891313	21.870 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2886801	22.378 ug/ml
5) T Acenaphthylene (C15.06)	8.406	3098013	21.946 ug/ml
7) T Acenaphthene (C15.5)	8.702	3033625	22.141 ug/ml
8) T Flouorene (C16.55)	9.483	3057550	22.463 ug/ml
9) T Phenanthrene (C19.36)	10.882	2944727	21.842 ug/ml
10) T Anthracene (C19.43)	10.956	2678944	22.651 ug/ml
12) T Fluoranthene (C21.85)	12.696	2846067	21.119 ug/ml
13) T Pyrene (C20.8)	12.994	2811031	20.780 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2401483	20.965 ug/ml
15) T Chrysene (C27.41)	14.907	2421877	20.751 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2409893	19.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2385553	20.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2280887	19.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2153854	19.626 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2250836	21.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2316554	19.439 ug/ml

(f)=RT Delta > 1/2 Window

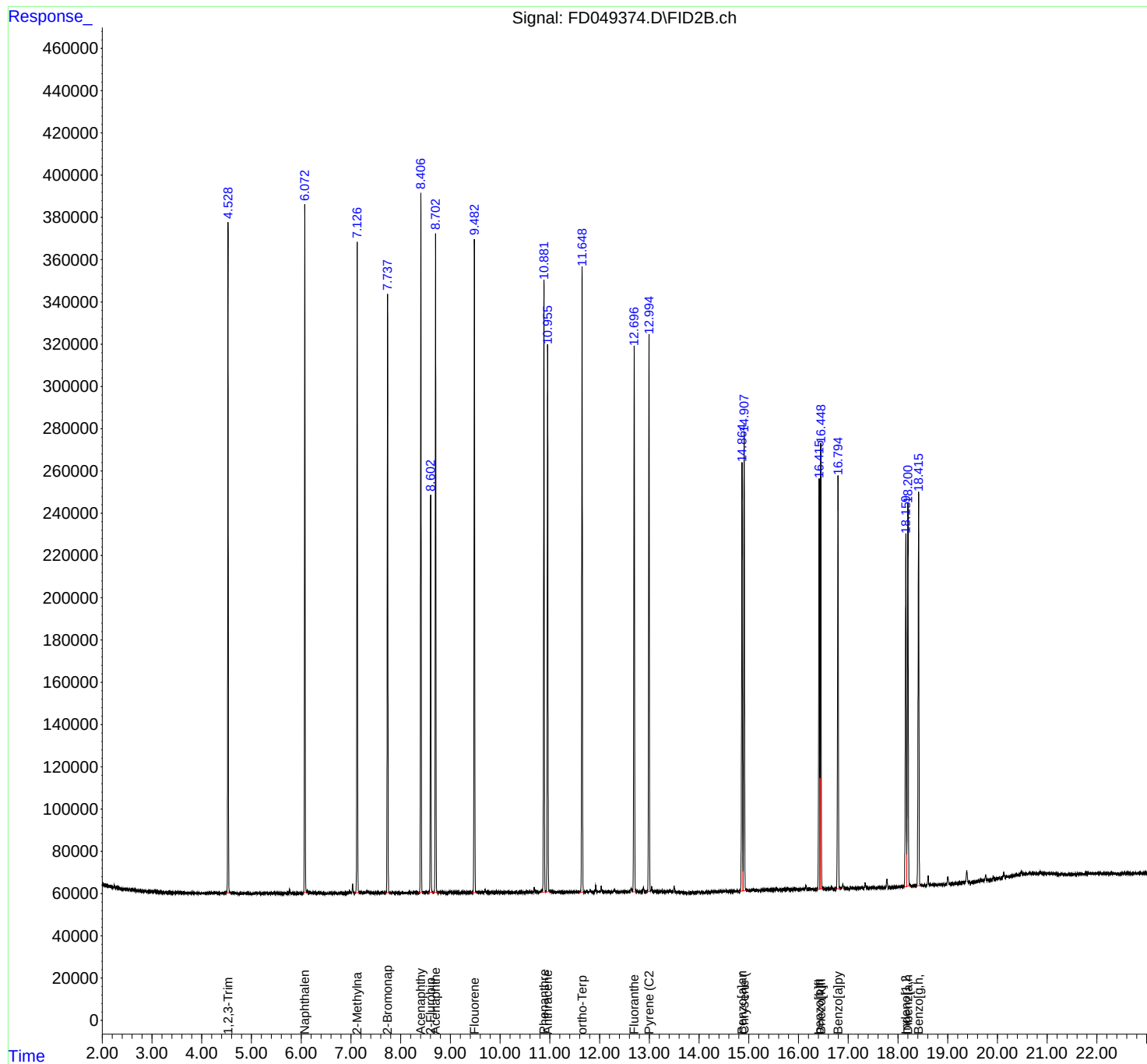
(m)=manual int.

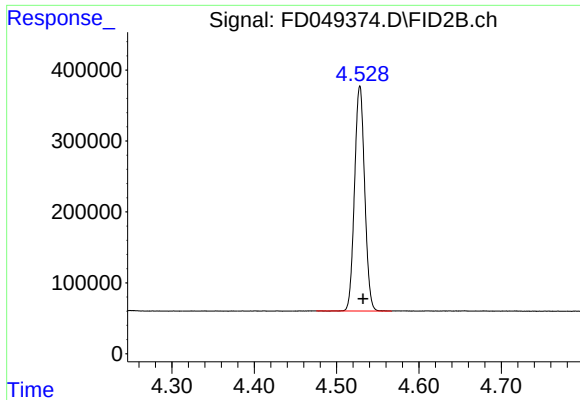
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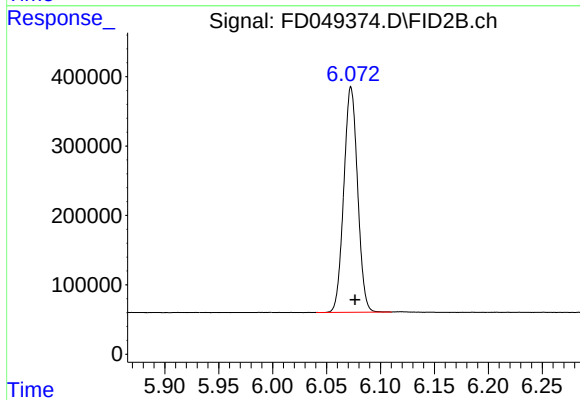




#1 1,2,3-Trimethylbenzene (C10.1)

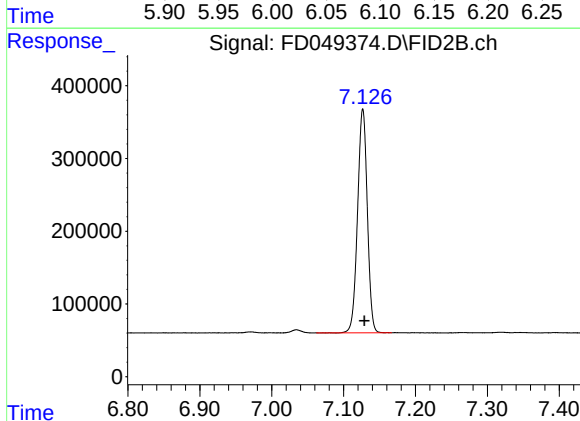
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 2710943
Conc: 21.71 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



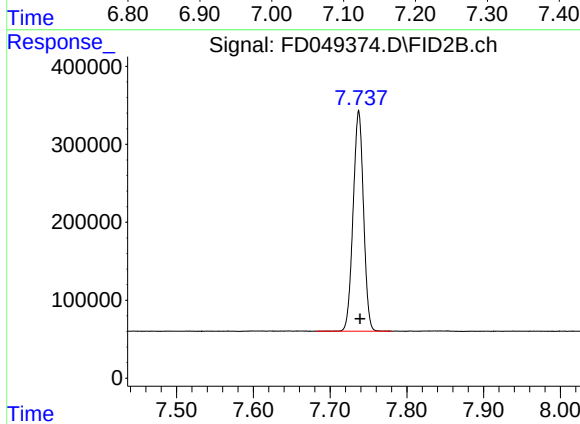
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 2891313
Conc: 21.87 ug/ml



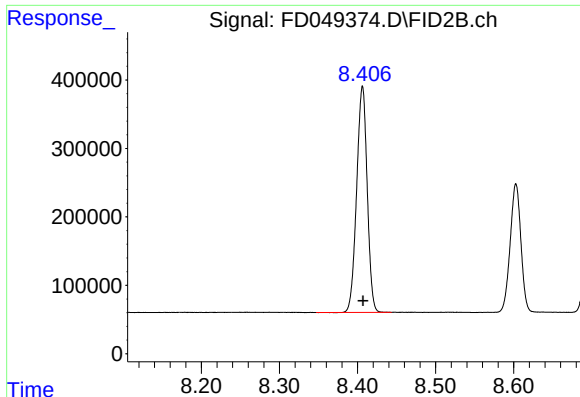
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 2886801
Conc: 22.38 ug/ml



#4 2-Bromonaphthalene (SURR)

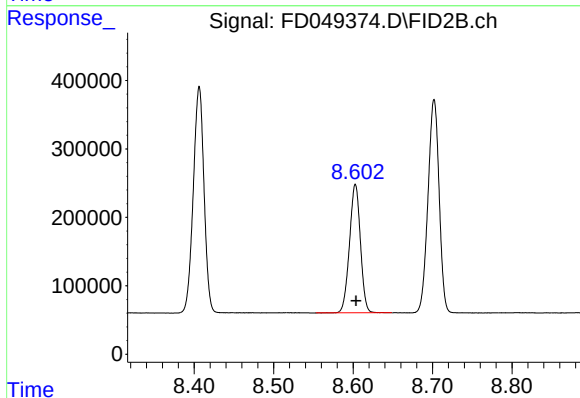
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 2663047
Conc: 22.46 ug/ml



#5 Acenaphthylene (C15.06)

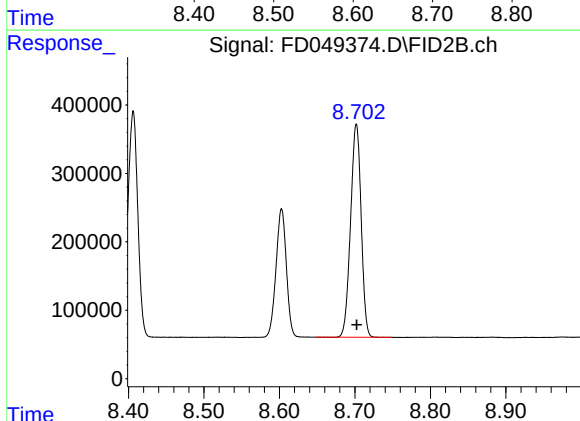
R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 3098013
Conc: 21.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



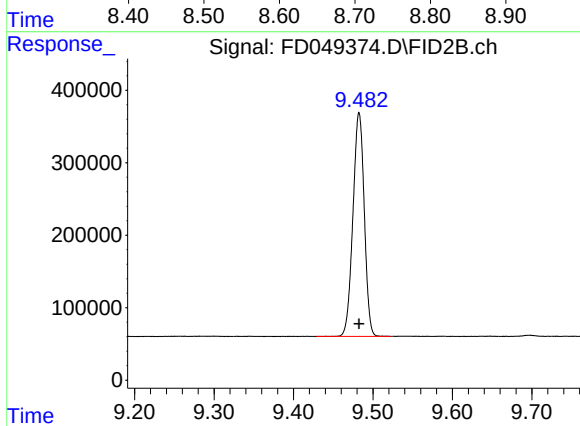
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 1792852
Conc: 22.70 ug/ml



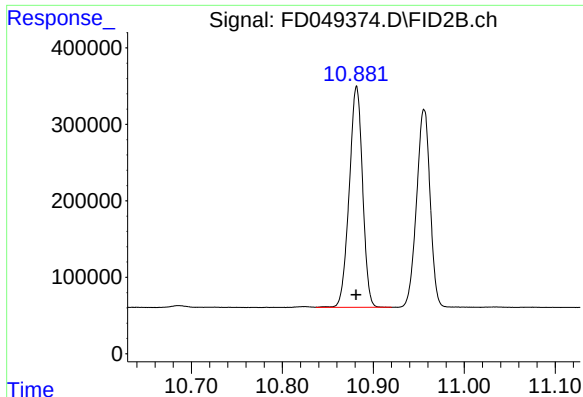
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 3033625
Conc: 22.14 ug/ml



#8 Fluorene (C16.55)

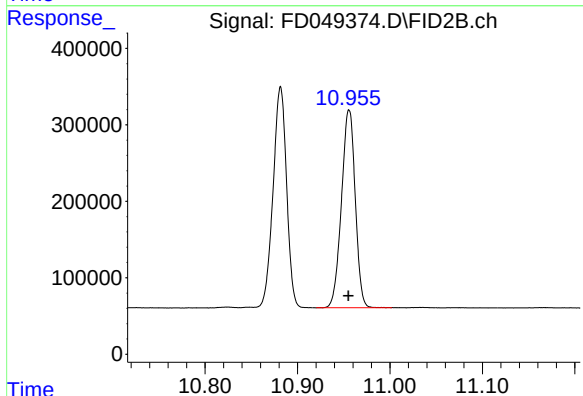
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 3057550
Conc: 22.46 ug/ml



#9 Phenanthrene (C19.36)

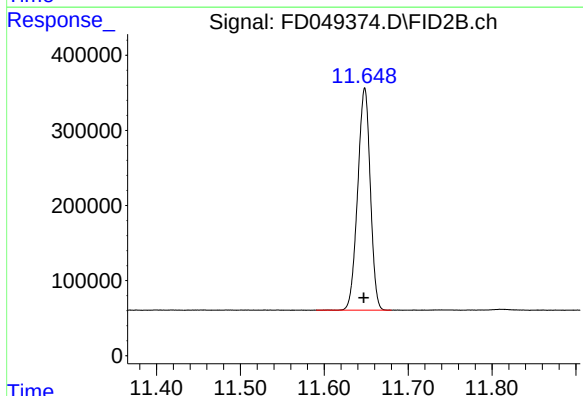
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 2944727
Conc: 21.84 ug/ml

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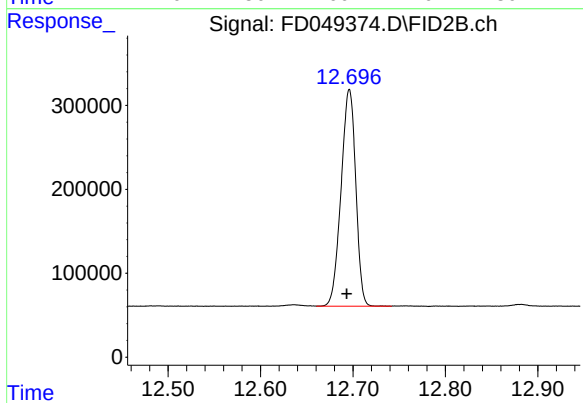
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.000 min
Response: 2678944
Conc: 22.65 ug/ml



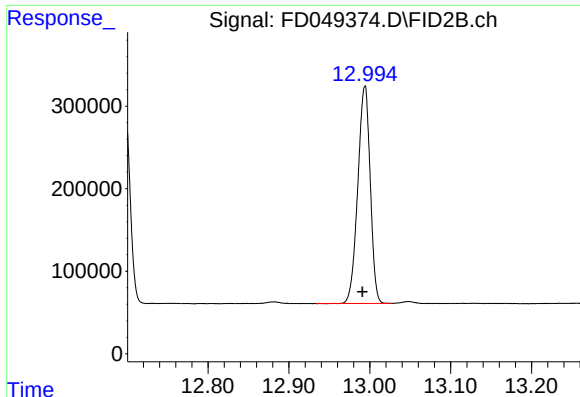
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.001 min
Response: 3086277
Conc: 22.36 ug/ml



#12 Fluoranthene (C21.85)

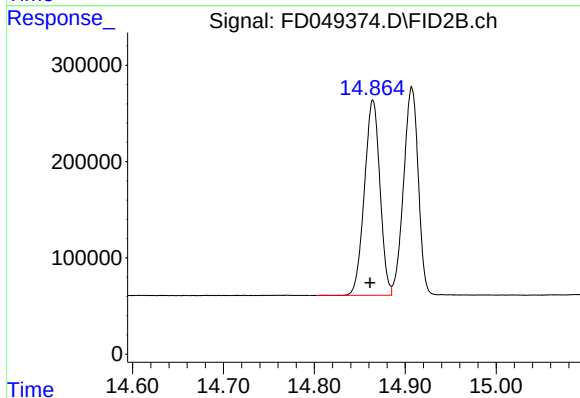
R.T.: 12.696 min
Delta R.T.: 0.003 min
Response: 2846067
Conc: 21.12 ug/ml



#13 Pyrene (C20.8)

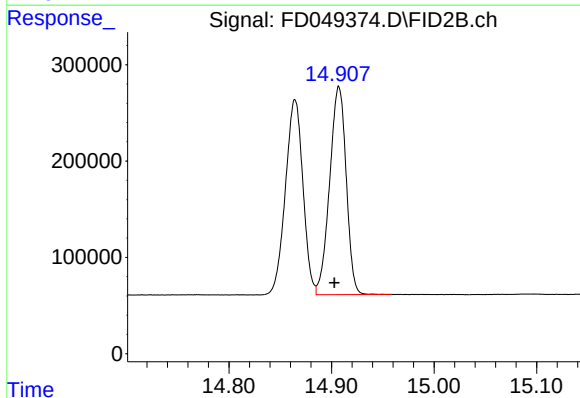
R.T.: 12.994 min
Delta R.T.: 0.003 min
Response: 2811031
Conc: 20.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



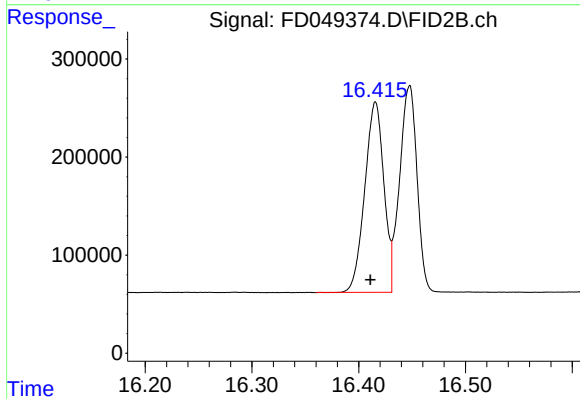
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 2401483
Conc: 20.97 ug/ml



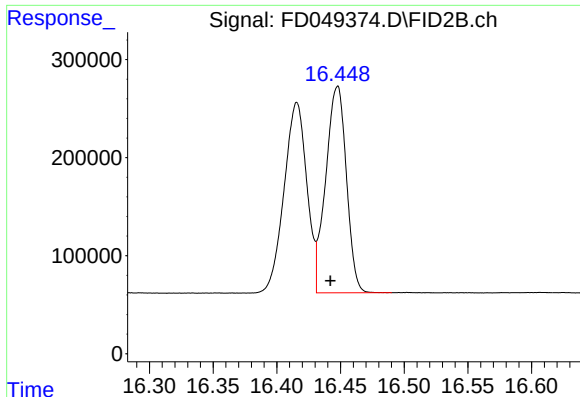
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.005 min
Response: 2421877
Conc: 20.75 ug/ml



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

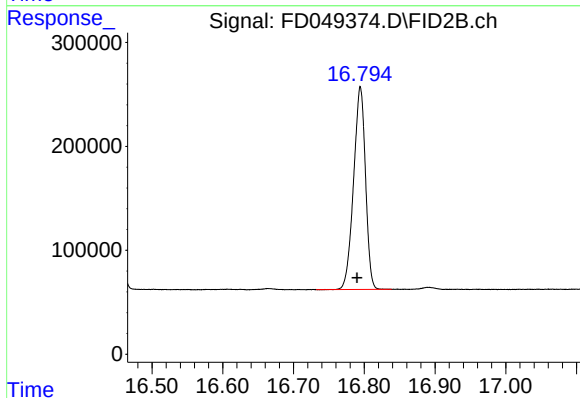
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2409893
Conc: 19.85 ug/ml



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

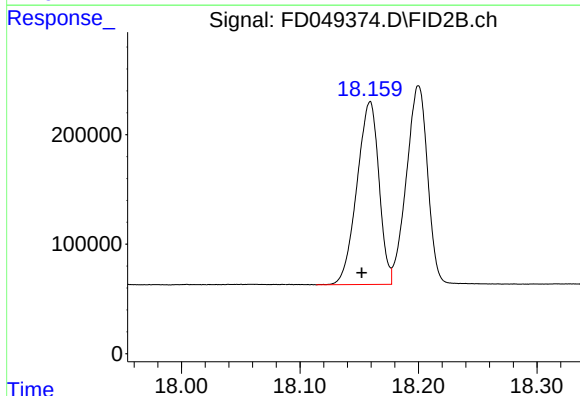
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2385553
Conc: 20.00 ug/ml

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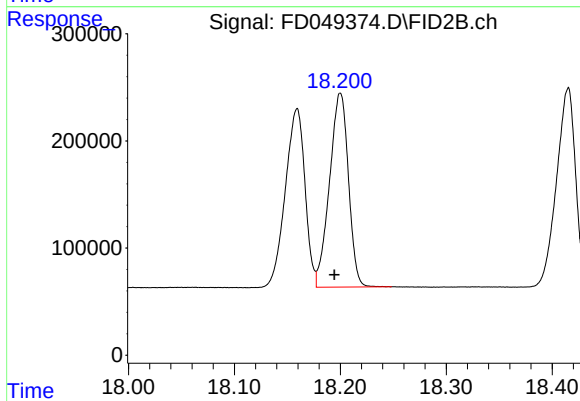
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.005 min
Response: 2280887
Conc: 19.84 ug/ml



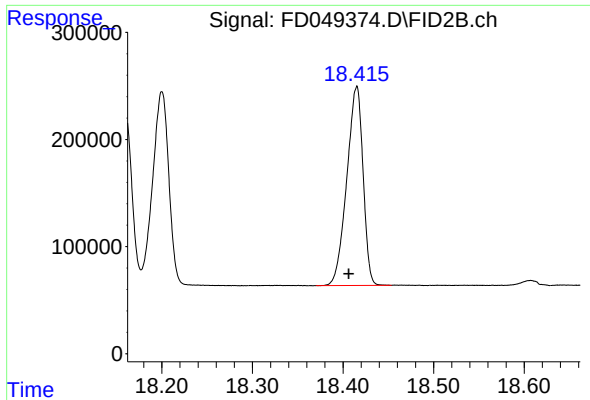
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2153854
Conc: 19.63 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.006 min
Response: 2250836
Conc: 21.31 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2316554
Conc: 19.44 ug/ml

Instrument :
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