

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046371.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 11:10
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 22 11:44:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 11:13:00 2023
 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...	7.497	1690645	10.024 ug/ml
Spiked Amount 50.000		Recovery =	20.05%
6) S 2-Fluorobiphenyl (SURR)	8.351	1101655	9.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.70%
11) S ortho-Terphenyl (SURR)	11.387	1976212	10.128 ug/ml
Spiked Amount 50.000		Recovery =	20.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	1761114	10.044 ug/ml
2) T Naphthalene (C11.7)	5.838	1845293	10.026 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	1852014	9.958 ug/ml
5) T Acenaphthylene (C15.06)	8.154	1696704	9.978 ug/ml
7) T Acenaphthene (C15.5)	8.449	1808362	10.064 ug/ml
8) T Flouorene (C16.55)	9.227	1741307	9.921 ug/ml
9) T Phenanthrene (C19.36)	10.616	1710319	9.980 ug/ml
10) T Anthracene (C19.43)	10.690	1678653	9.961 ug/ml
12) T Fluoranthene (C21.85)	12.417	1663463	10.026 ug/ml
13) T Pyrene (C20.8)	12.712	1615164	10.059 ug/ml
14) T Benzo[a]anthracene (C...	14.574	1407659	10.045 ug/ml
15) T Chrysene (C27.41)	14.616	1490349	10.128 ug/ml
16) T benzo[b]fluoranthene ...	16.115	1362562	10.102 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	1363997	10.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	1321838	10.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	1238087	9.983 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	1273068	10.136 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	1286705	10.121 ug/ml

(f)=RT Delta > 1/2 Window

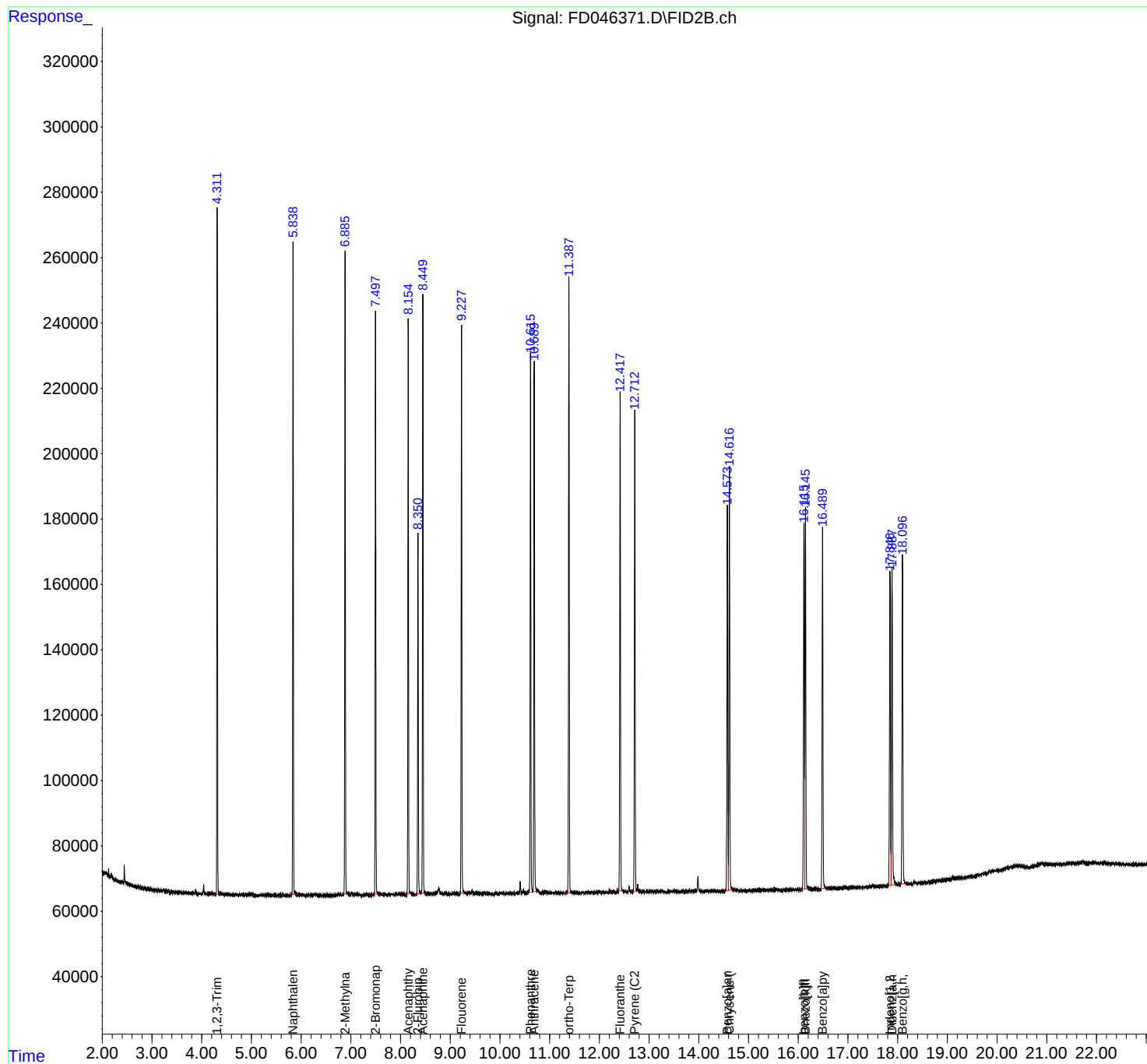
(m)=manual int.

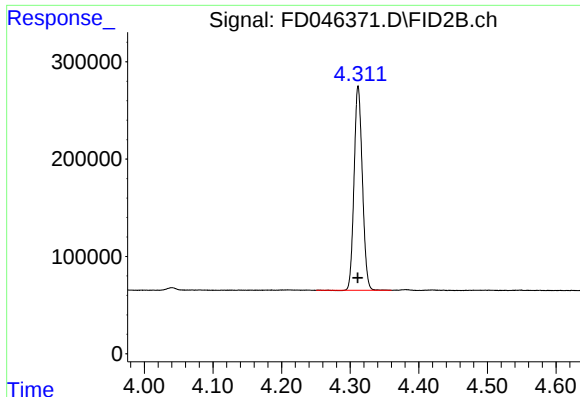
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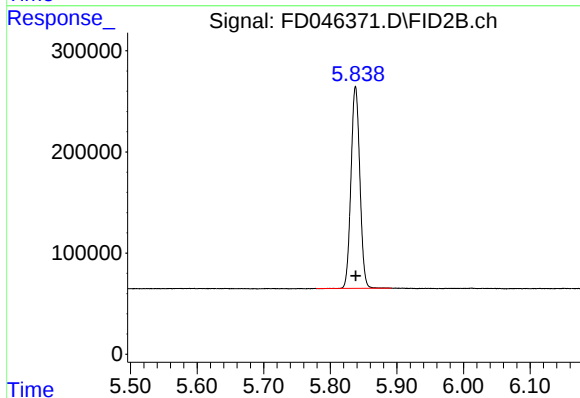




#1 1,2,3-Trimethylbenzene (C10.1)

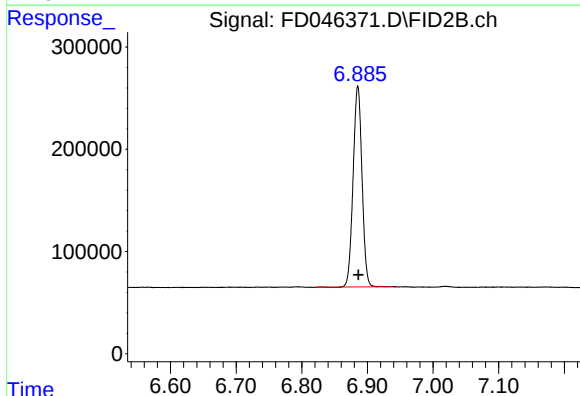
R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 1761114
Conc: 10.04 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



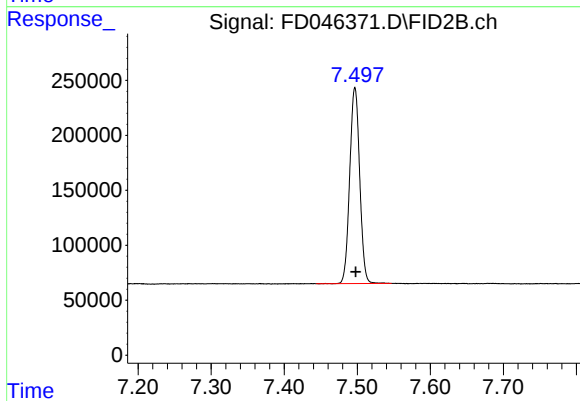
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 1845293
Conc: 10.03 ug/ml



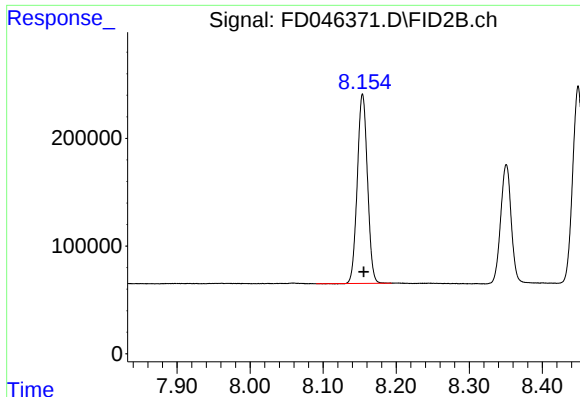
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 1852014
Conc: 9.96 ug/ml



#4 2-Bromonaphthalene (SURR)

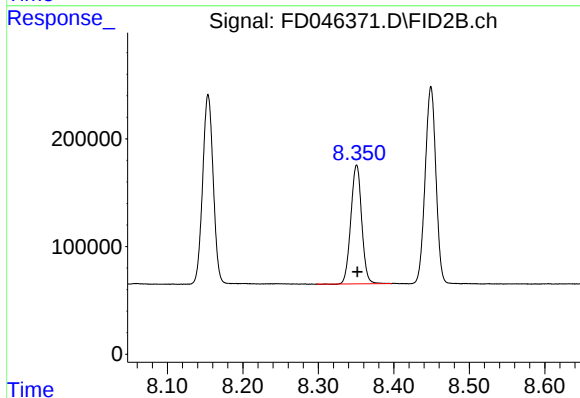
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 1690645
Conc: 10.02 ug/ml



#5 Acenaphthylene (C15.06)

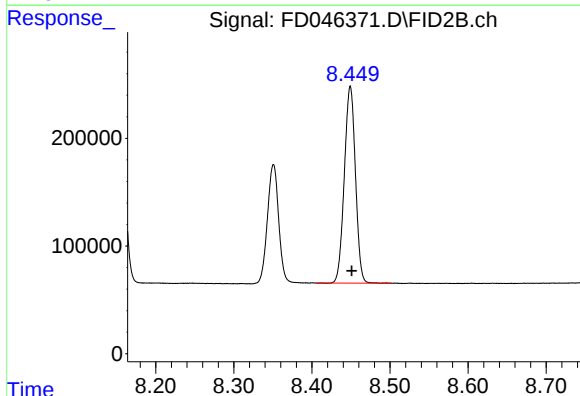
R.T.: 8.154 min
Delta R.T.: -0.001 min
Response: 1696704
Conc: 9.98 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



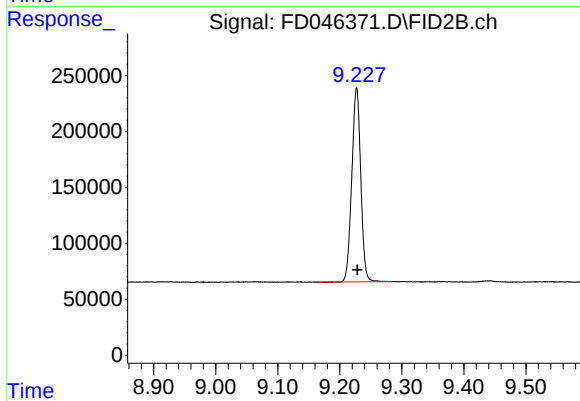
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.001 min
Response: 1101655
Conc: 9.85 ug/ml



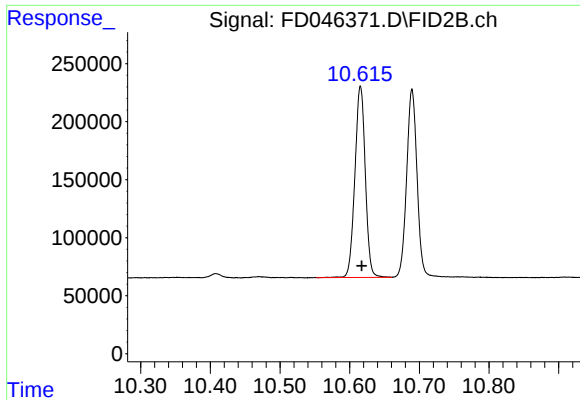
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.002 min
Response: 1808362
Conc: 10.06 ug/ml



#8 Flouorene (C16.55)

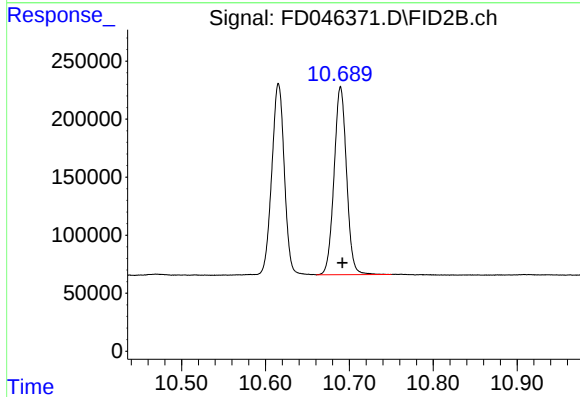
R.T.: 9.227 min
Delta R.T.: -0.002 min
Response: 1741307
Conc: 9.92 ug/ml



#9 Phenanthrene (C19.36)

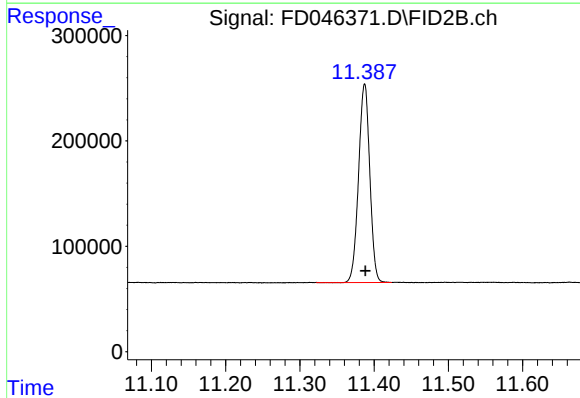
R.T.: 10.616 min
Delta R.T.: -0.002 min
Response: 1710319
Conc: 9.98 ug/ml

Instrument :
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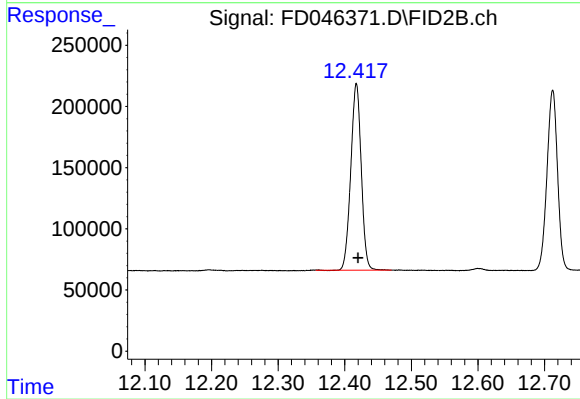
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.002 min
Response: 1678653
Conc: 9.96 ug/ml



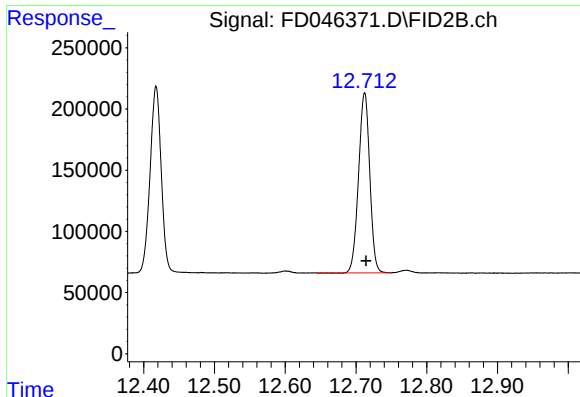
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.001 min
Response: 1976212
Conc: 10.13 ug/ml



#12 Fluoranthene (C21.85)

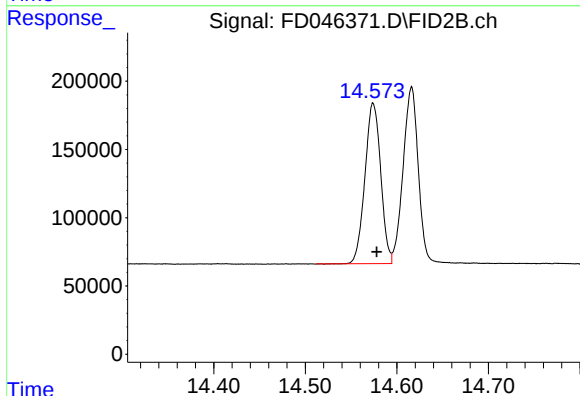
R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 1663463
Conc: 10.03 ug/ml



#13 Pyrene (C20.8)

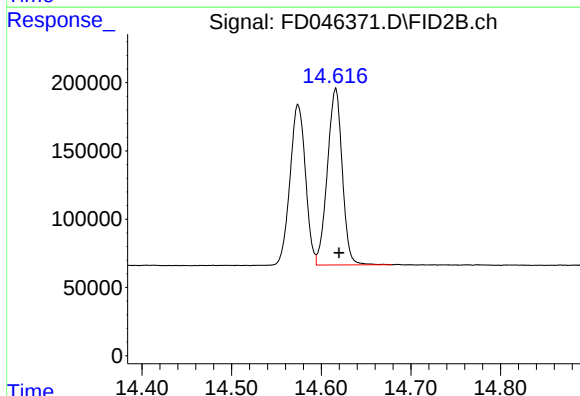
R.T.: 12.712 min
Delta R.T.: -0.002 min
Response: 1615164
Conc: 10.06 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



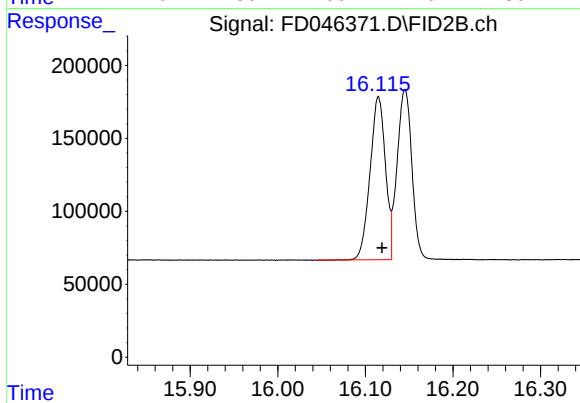
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.004 min
Response: 1407659
Conc: 10.04 ug/ml



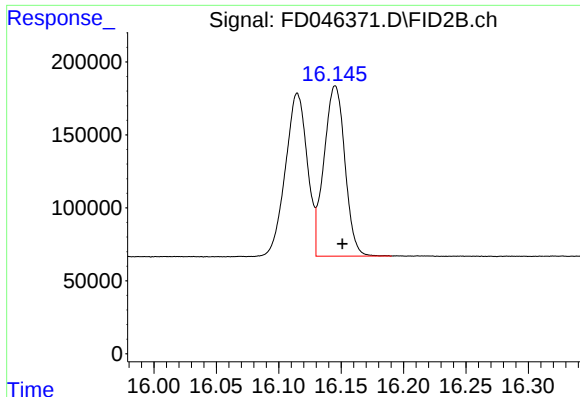
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: -0.004 min
Response: 1490349
Conc: 10.13 ug/ml



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

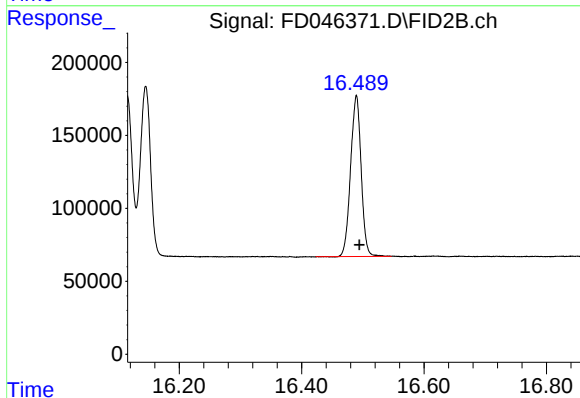
R.T.: 16.115 min
Delta R.T.: -0.004 min
Response: 1362562
Conc: 10.10 ug/ml



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

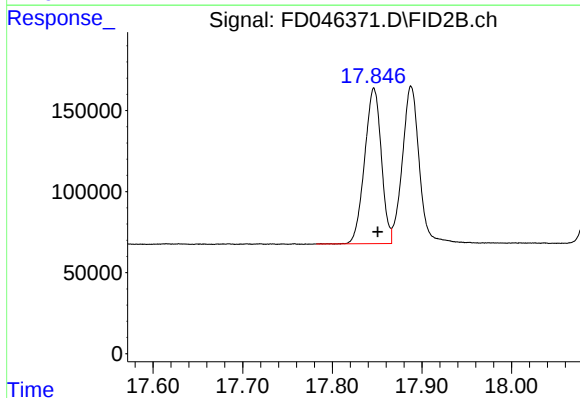
R.T.: 16.145 min
Delta R.T.: -0.006 min
Response: 1363997
Conc: 10.13 ug/ml

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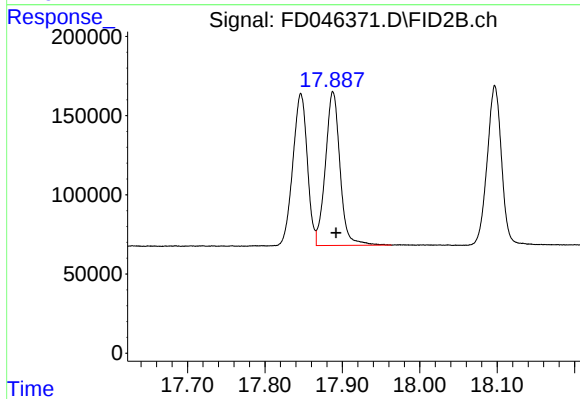
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: -0.005 min
Response: 1321838
Conc: 10.08 ug/ml



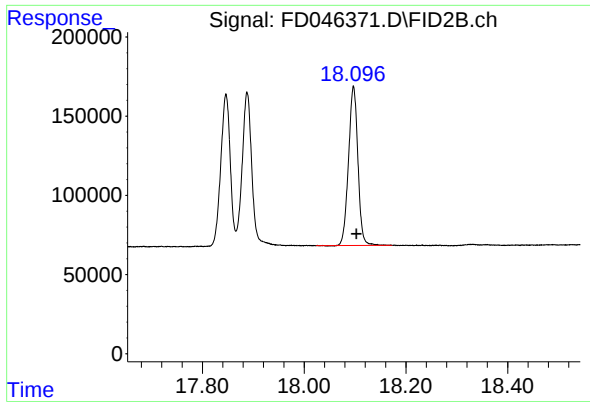
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.846 min
Delta R.T.: -0.004 min
Response: 1238087
Conc: 9.98 ug/ml



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

R.T.: 17.888 min
Delta R.T.: -0.004 min
Response: 1273068
Conc: 10.14 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.005 min
Response: 1286705
Conc: 10.12 ug/ml

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