

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046211.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 01:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 05:54:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.505	3108724	20.797 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
6) S 2-Fluorobiphenyl (SURR)	8.360	1962329	20.962 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.397	3675743	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	3743493	20.547 ug/ml
2) T Naphthalene (C11.7)	5.846	3737781	20.695 ug/ml
3) T 2-Methylnaphthalene (...)	6.895	3654000	20.761 ug/ml
5) T Acenaphthylene (C15.06)	8.164	3175431	20.812 ug/ml
7) T Acenaphthene (C15.5)	8.459	3389141	20.784 ug/ml
8) T Flouorene (C16.55)	9.237	3214016	21.123 ug/ml
9) T Phenanthrene (C19.36)	10.627	3027967	21.028 ug/ml
10) T Anthracene (C19.43)	10.701	2728320	20.848 ug/ml
12) T Fluoranthene (C21.85)	12.430	2929127	20.962 ug/ml
13) T Pyrene (C20.8)	12.725	2868407	20.696 ug/ml
14) T Benzo[a]anthracene (C...	14.589	2754126	20.982 ug/ml
15) T Chrysene (C27.41)	14.631	2884767	20.459 ug/ml
16) T benzo[b]fluoranthene ...	16.131	2895137	21.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	2846525	20.767 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	2808224	21.570 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.864	2747828	22.846 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	2789259	21.809 ug/ml
21) T Benzo[g,h,i]perylene ...	18.116	2809057	22.142 ug/ml

(f)=RT Delta > 1/2 Window

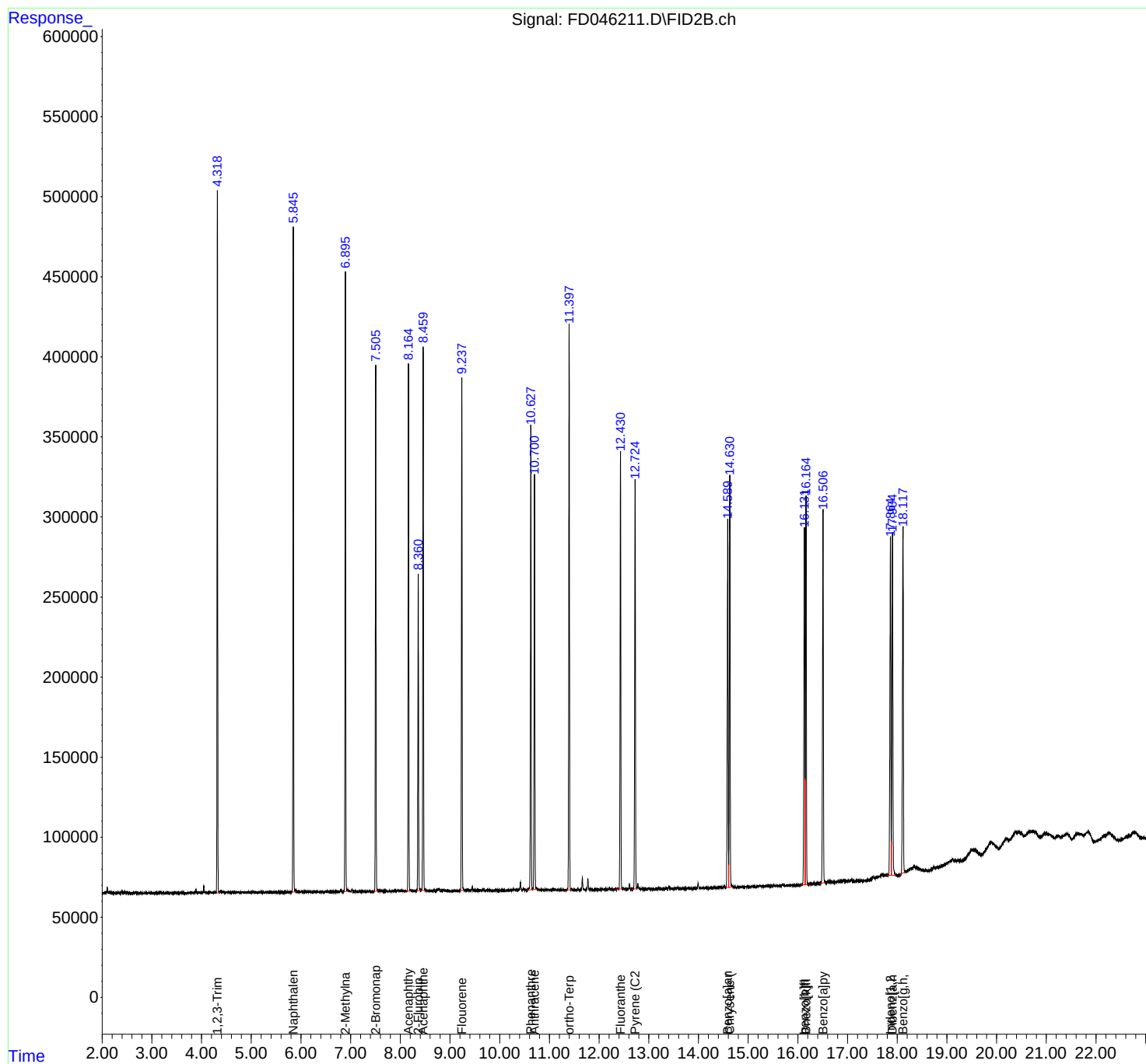
(m)=manual int.

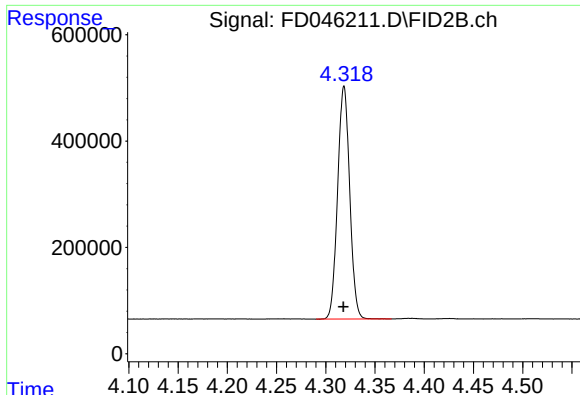
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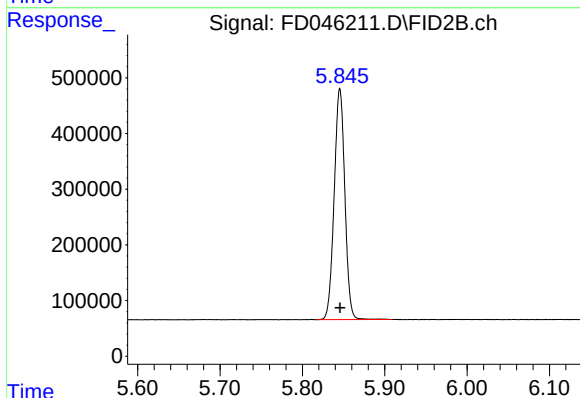




#1 1,2,3-Trimethylbenzene (C10.1)

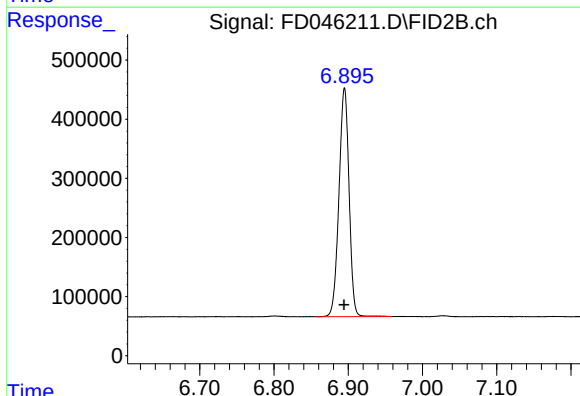
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 3743493
Conc: 20.55 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



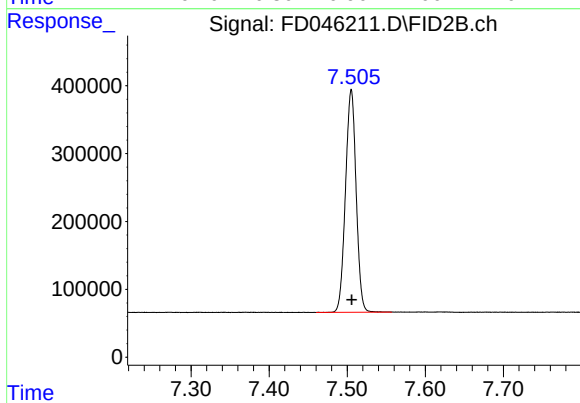
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 3737781
Conc: 20.69 ug/ml



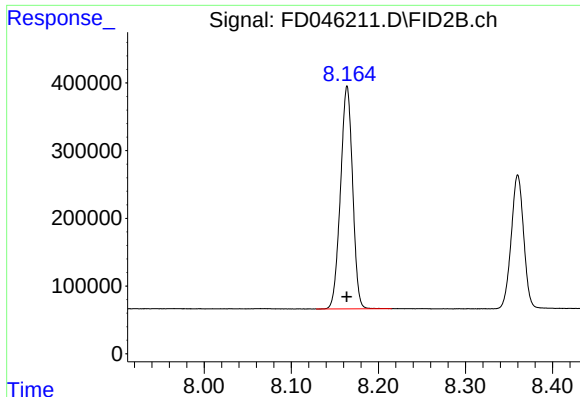
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 3654000
Conc: 20.76 ug/ml



#4 2-Bromonaphthalene (SURR)

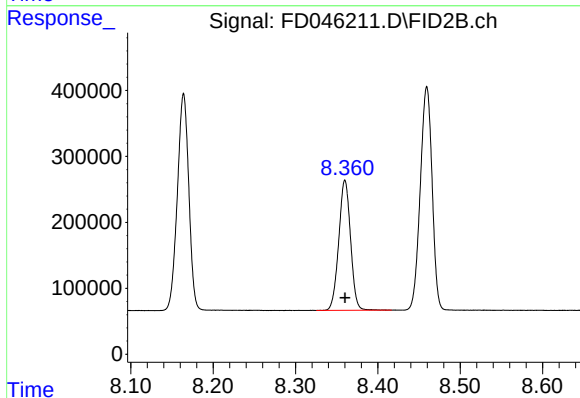
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 3108724
Conc: 20.80 ug/ml



#5 Acenaphthylene (C15.06)

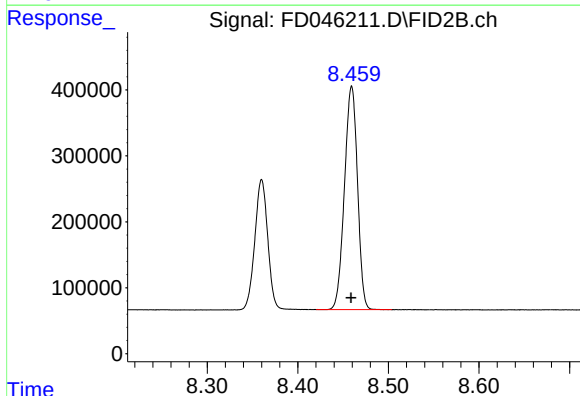
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 3175431
Conc: 20.81 ug/ml

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20 PPM AROMATIC HC STD



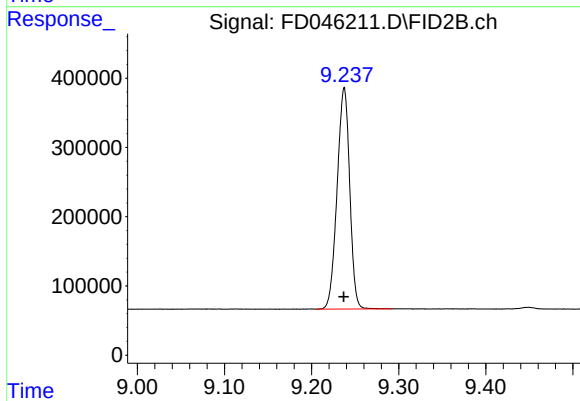
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1962329
Conc: 20.96 ug/ml



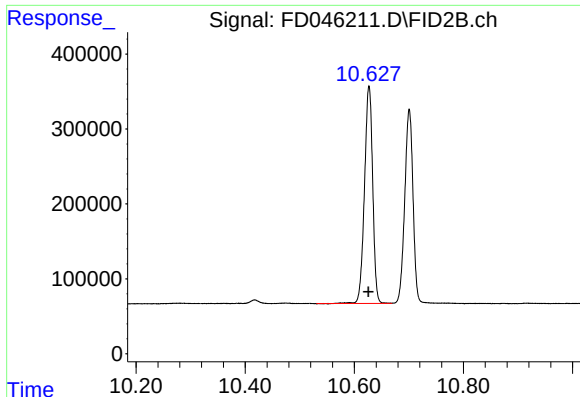
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3389141
Conc: 20.78 ug/ml



#8 Flouorene (C16.55)

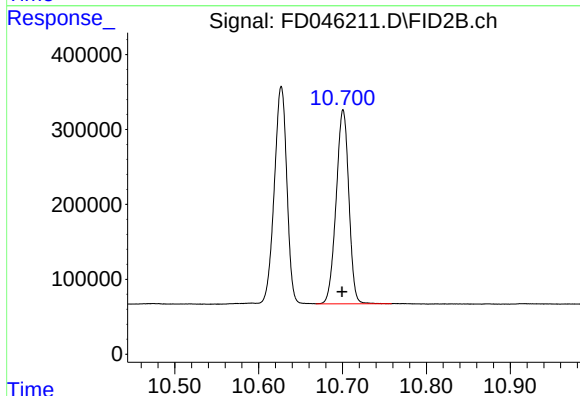
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 3214016
Conc: 21.12 ug/ml



#9 Phenanthrene (C19.36)

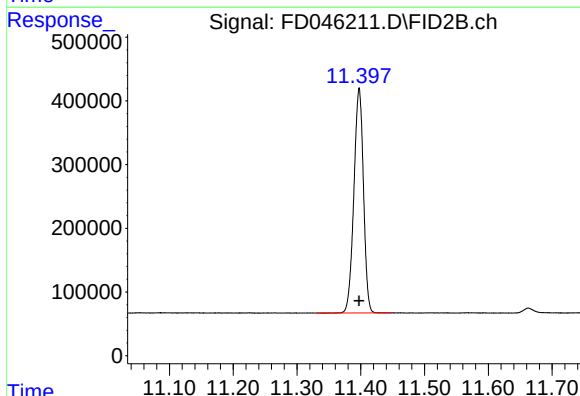
R.T.: 10.627 min
Delta R.T.: 0.001 min
Response: 3027967
Conc: 21.03 ug/ml

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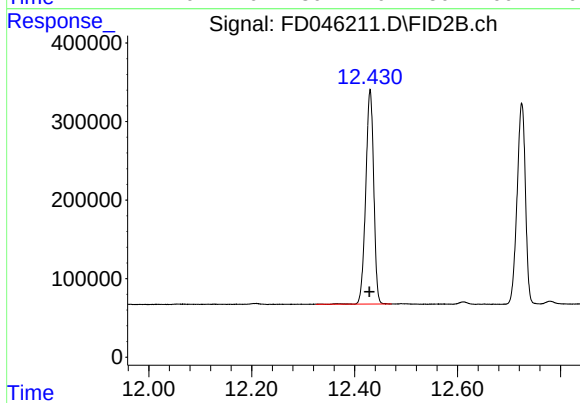
#10 Anthracene (C19.43)

R.T.: 10.701 min
Delta R.T.: 0.001 min
Response: 2728320
Conc: 20.85 ug/ml



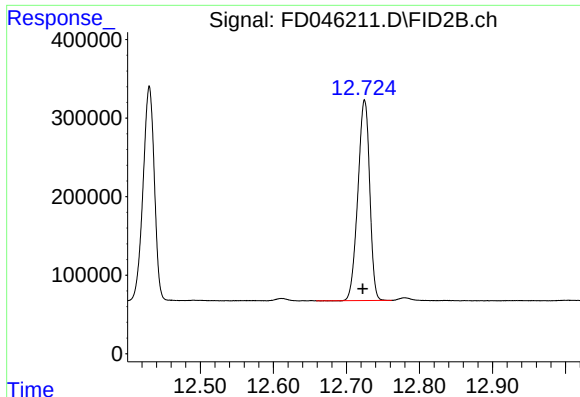
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 3675743
Conc: 21.05 ug/ml



#12 Fluoranthene (C21.85)

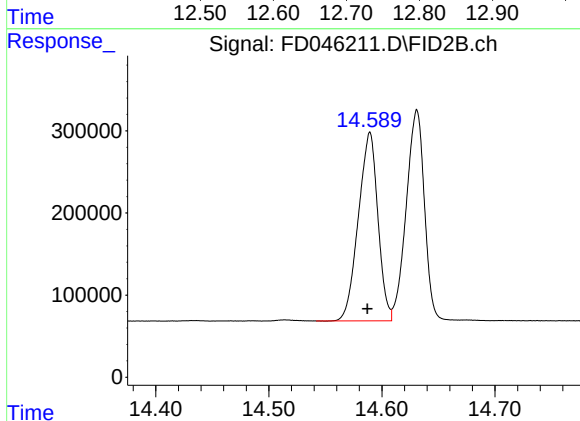
R.T.: 12.430 min
Delta R.T.: 0.002 min
Response: 2929127
Conc: 20.96 ug/ml



#13 Pyrene (C20.8)

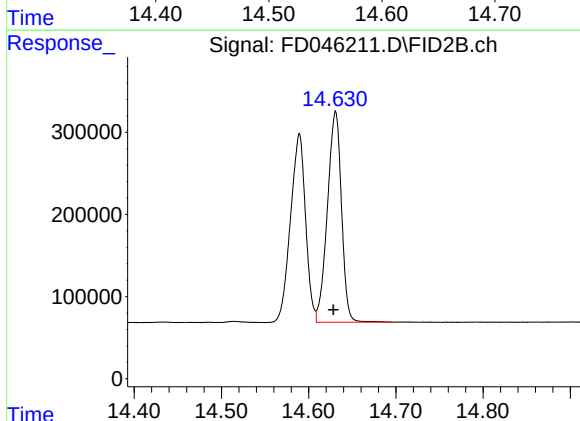
R.T.: 12.725 min
Delta R.T.: 0.002 min
Response: 2868407
Conc: 20.70 ug/ml

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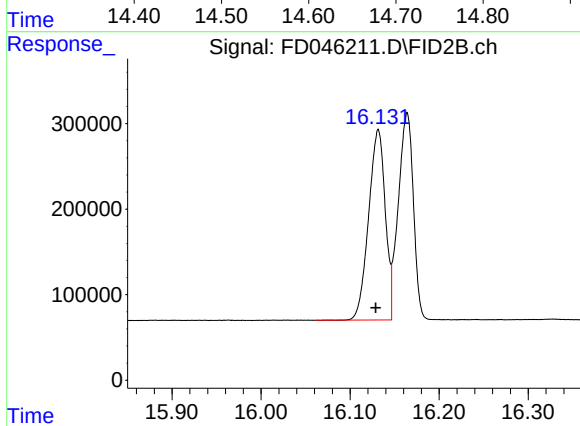
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.589 min
Delta R.T.: 0.002 min
Response: 2754126
Conc: 20.98 ug/ml



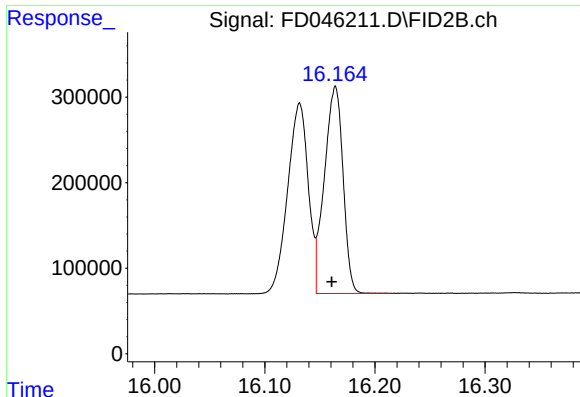
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.002 min
Response: 2884767
Conc: 20.46 ug/ml



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

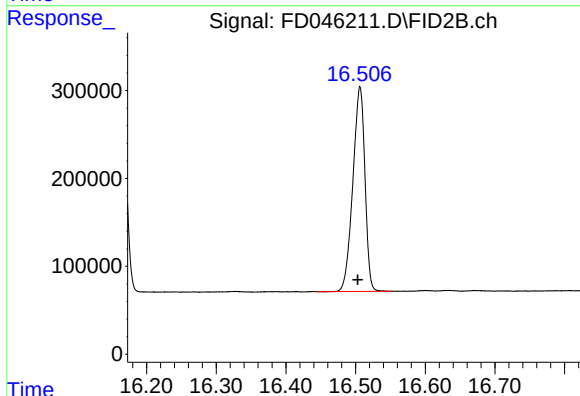
R.T.: 16.131 min
Delta R.T.: 0.003 min
Response: 2895137
Conc: 21.17 ug/ml



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

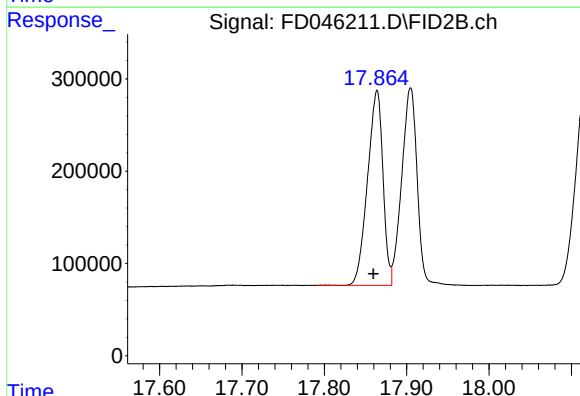
R.T.: 16.164 min
Delta R.T.: 0.003 min
Response: 2846525
Conc: 20.77 ug/ml

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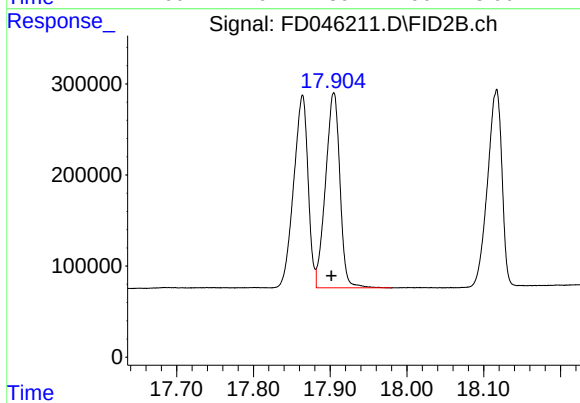
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.003 min
Response: 2808224
Conc: 21.57 ug/ml



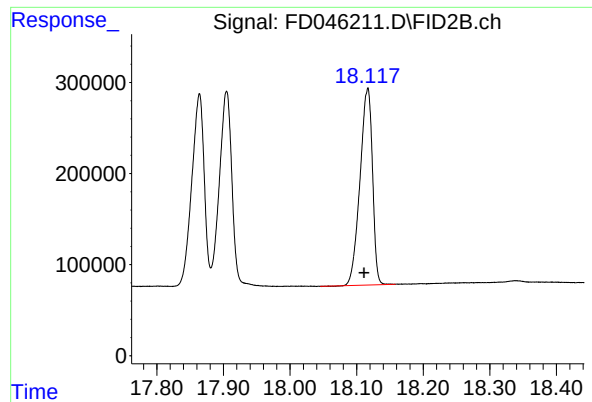
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.864 min
Delta R.T.: 0.004 min
Response: 2747828
Conc: 22.85 ug/ml



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

R.T.: 17.905 min
Delta R.T.: 0.003 min
Response: 2789259
Conc: 21.81 ug/ml



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

R.T.: 18.116 min
Delta R.T.: 0.005 min
Response: 2809057
Conc: 22.14 ug/ml

Instrument :

FID_D

ClientSampleId :

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