

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092023AR\
 Data File : FD046549.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 09:10
 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

Integration File: autoint1.e
 Quant Time: Sep 20 14:07:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	3800679	21.567 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
6) S 2-Fluorobiphenyl (SURR)	8.344	2489798	21.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.98%
11) S ortho-Terphenyl (SURR)	11.382	4427871	21.734 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3966418	21.475 ug/ml
2) T Naphthalene (C11.7)	5.831	4158451	21.520 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	4195644	21.651 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3805332	21.581 ug/ml
7) T Acenaphthene (C15.5)	8.443	4066827	21.644 ug/ml
8) T Fluorene (C16.55)	9.221	3920607	21.734 ug/ml
9) T Phenanthrene (C19.36)	10.610	3810329	21.671 ug/ml
10) T Anthracene (C19.43)	10.684	3556335	23.154 ug/ml
12) T Fluoranthene (C21.85)	12.413	3712320	21.781 ug/ml
13) T Pyrene (C20.8)	12.707	3586656	21.863 ug/ml
14) T Benzo[a]anthracene (C...	14.569	3031069	21.707 ug/ml
15) T Chrysene (C27.41)	14.611	3245332	21.379 ug/ml
16) T benzo[b]fluoranthene ...	16.111	2978098	21.711 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	3042474	21.963 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2872982	21.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2669399	21.296 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2830927	21.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2811112	21.317 ug/ml

(f)=RT Delta > 1/2 Window

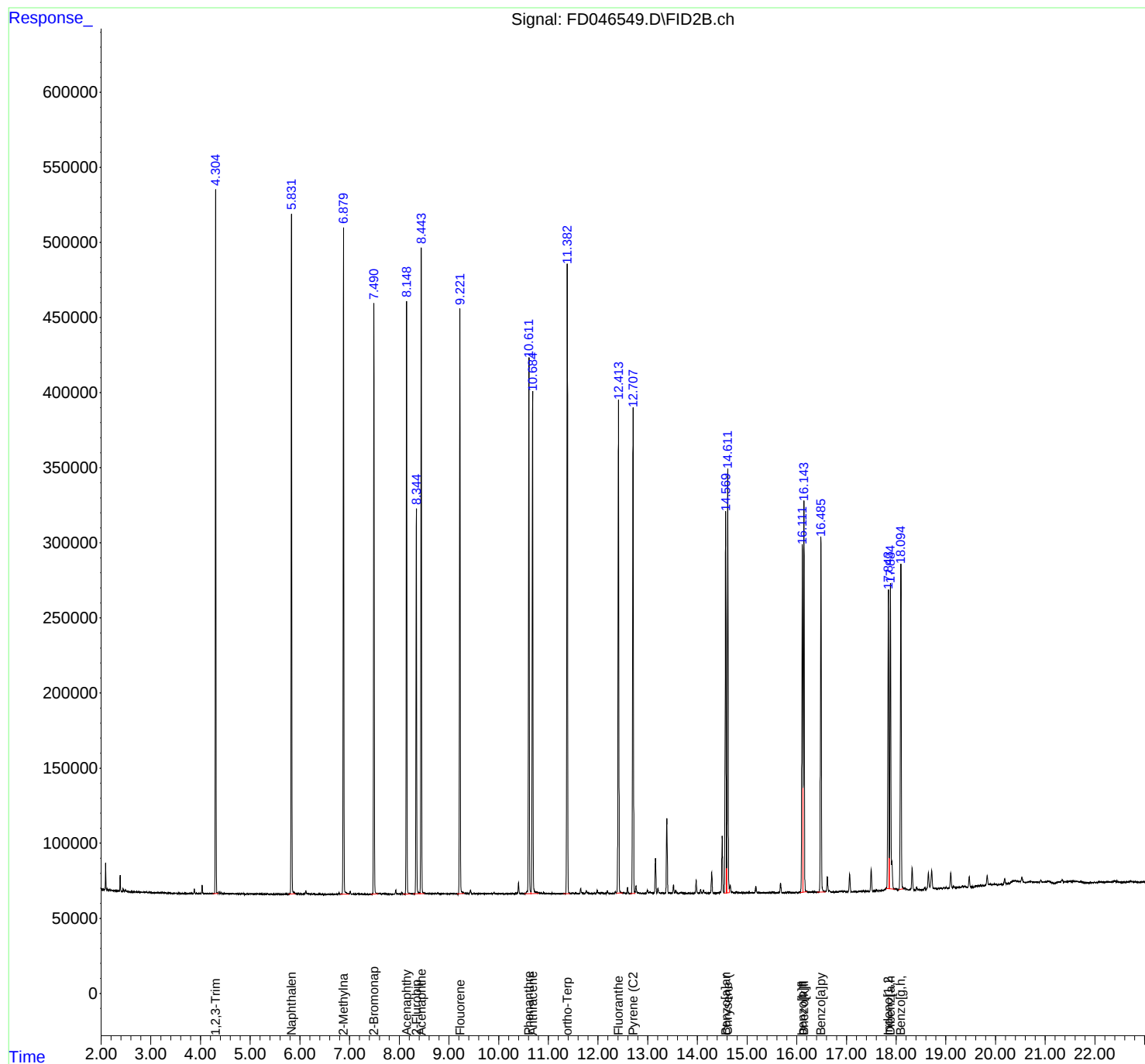
(m)=manual int.

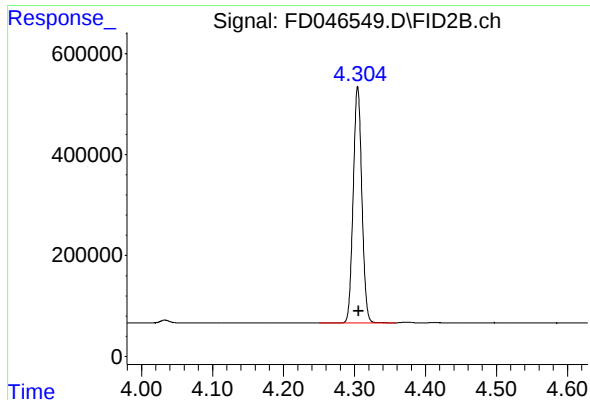
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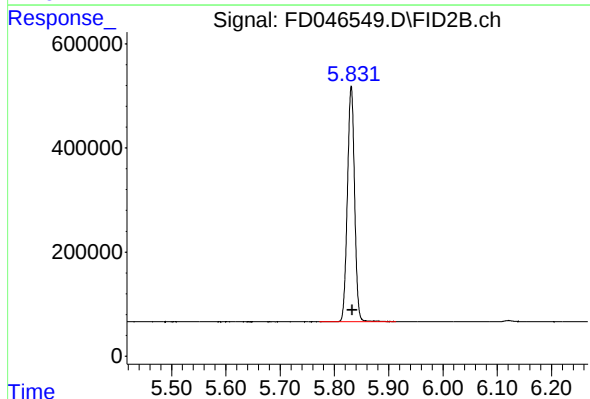




#1 1,2,3-Trimethylbenzene (C10.1)

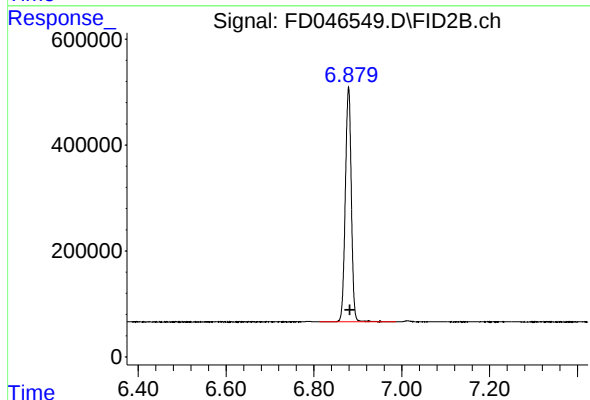
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3966418
Conc: 21.48 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



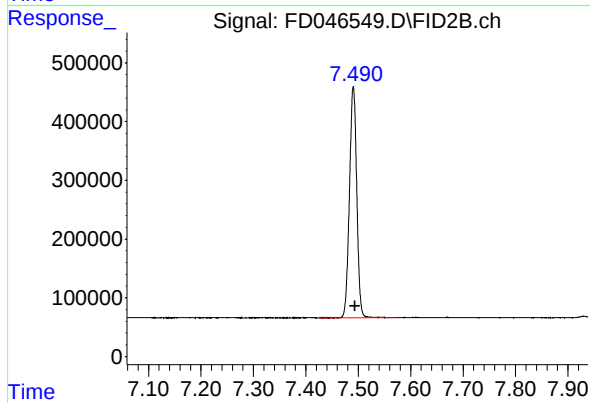
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 4158451
Conc: 21.52 ug/ml



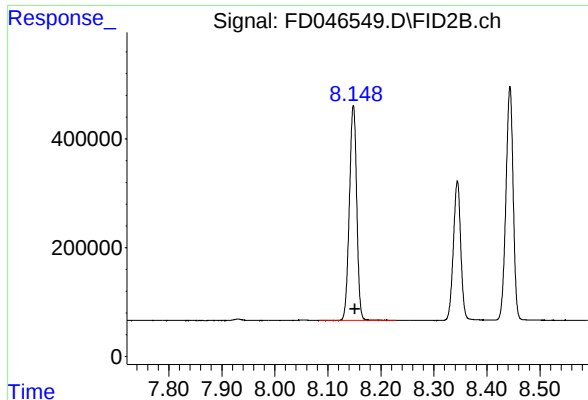
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4195644
Conc: 21.65 ug/ml



#4 2-Bromonaphthalene (SURR)

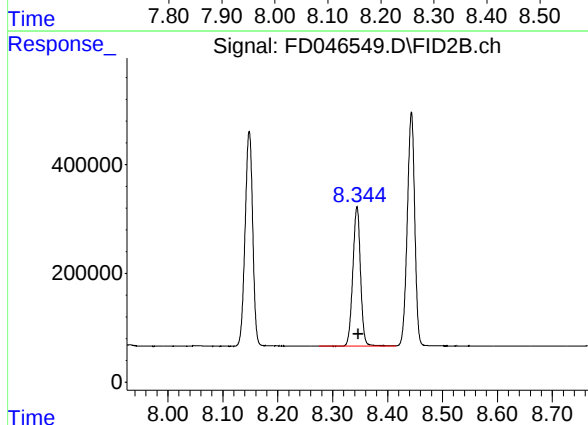
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 3800679
Conc: 21.57 ug/ml



#5 Acenaphthylene (C15.06)

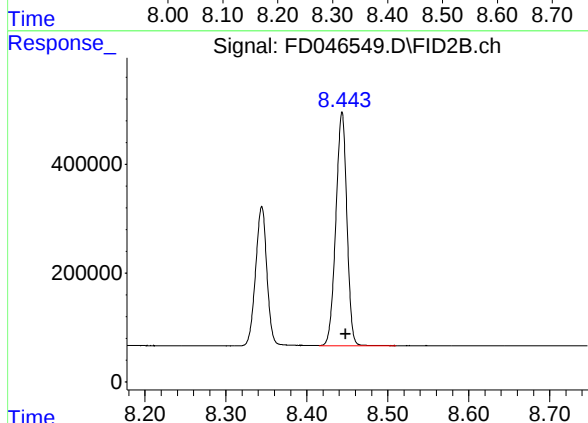
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 3805332
Conc: 21.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



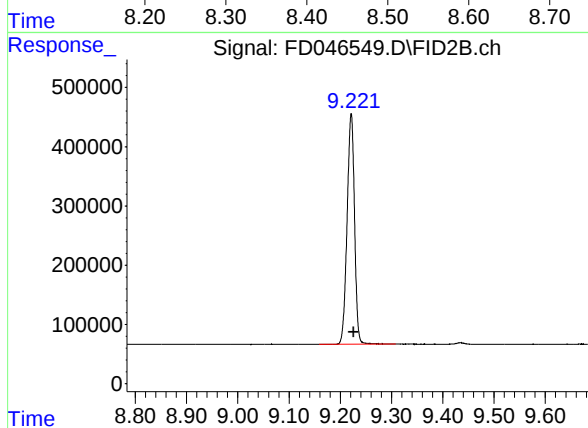
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2489798
Conc: 21.49 ug/ml



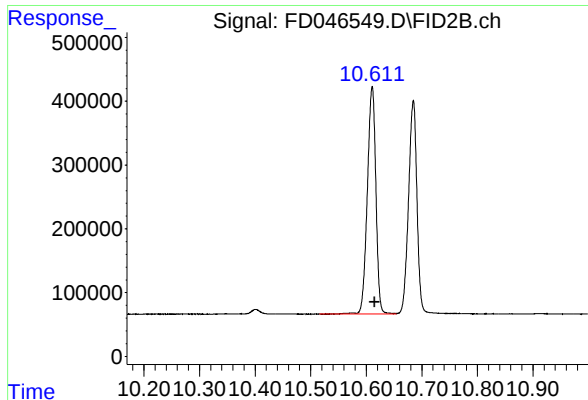
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 4066827
Conc: 21.64 ug/ml



#8 Flouorene (C16.55)

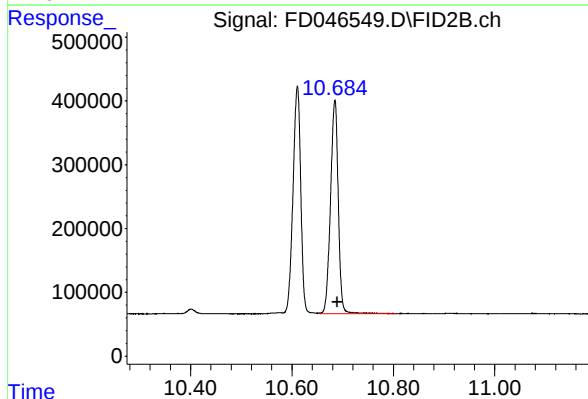
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3920607
Conc: 21.73 ug/ml



#9 Phenanthrene (C19.36)

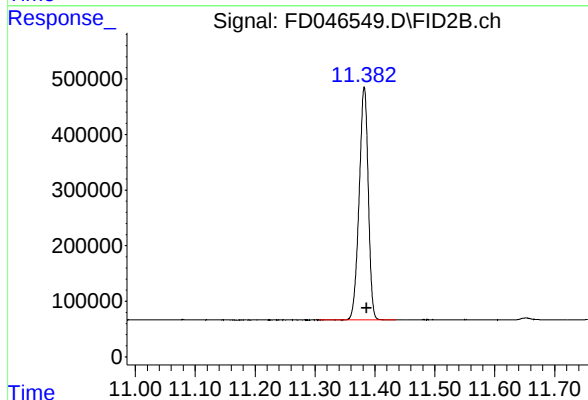
R.T.: 10.610 min
Delta R.T.: -0.005 min
Response: 3810329
Conc: 21.67 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



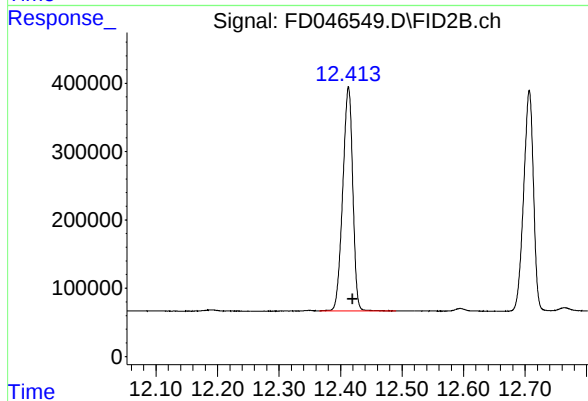
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.005 min
Response: 3556335
Conc: 23.15 ug/ml



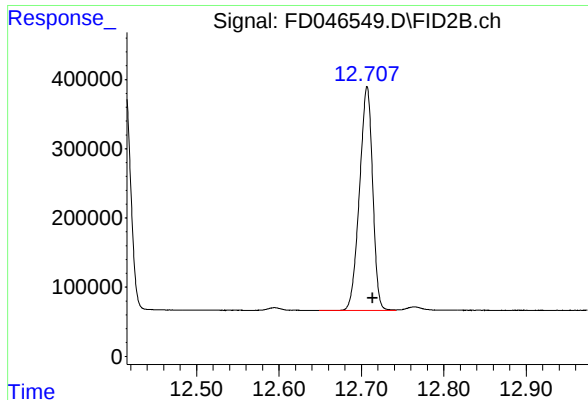
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 4427871
Conc: 21.73 ug/ml



#12 Fluoranthene (C21.85)

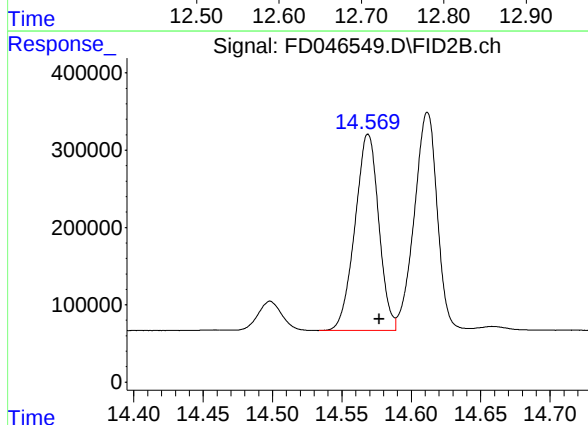
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3712320
Conc: 21.78 ug/ml



#13 Pyrene (C20.8)

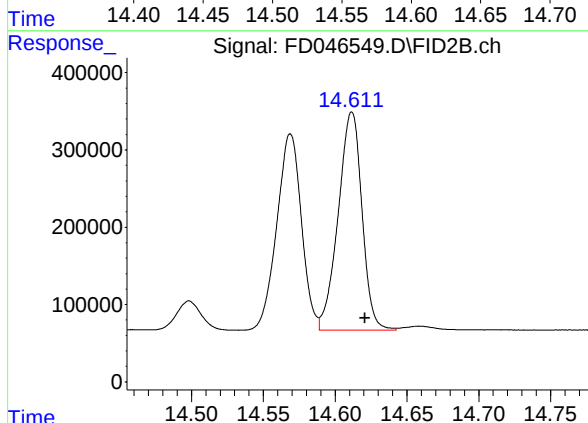
R.T.: 12.707 min
Delta R.T.: -0.007 min
Response: 3586656
Conc: 21.86 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



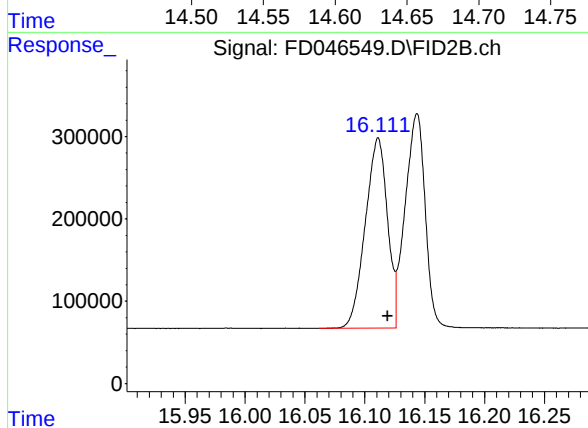
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.008 min
Response: 3031069
Conc: 21.71 ug/ml



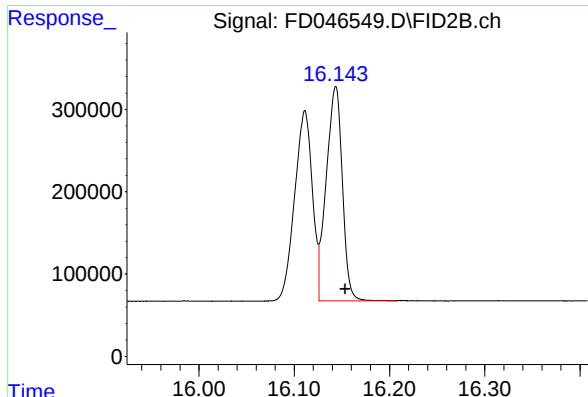
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.009 min
Response: 3245332
Conc: 21.38 ug/ml



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

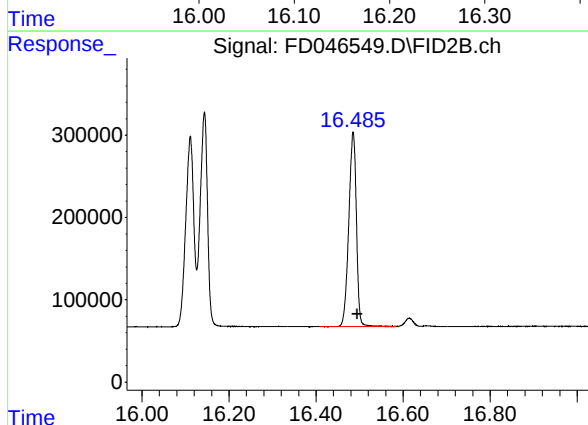
R.T.: 16.111 min
Delta R.T.: -0.008 min
Response: 2978098
Conc: 21.71 ug/ml



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

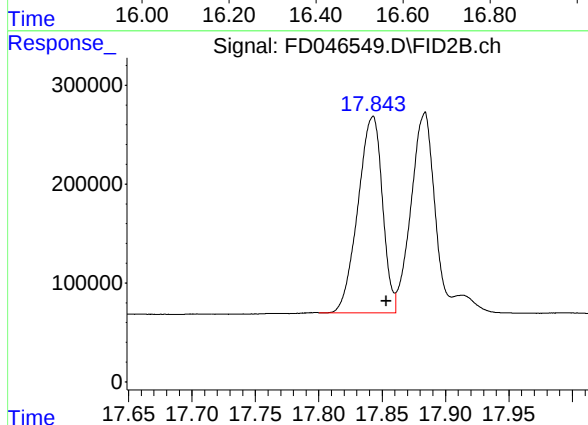
R.T.: 16.143 min
Delta R.T.: -0.011 min
Response: 3042474
Conc: 21.96 ug/ml

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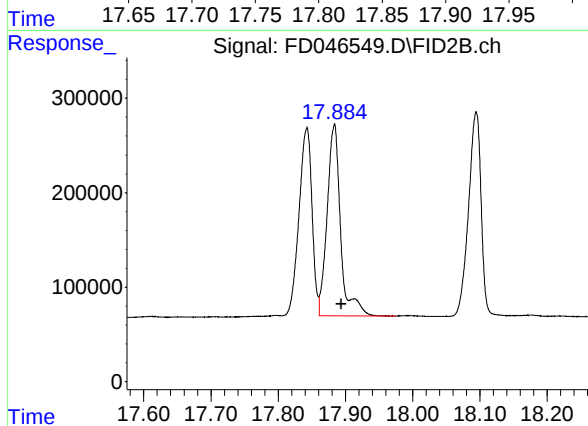
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.009 min
Response: 2872982
Conc: 21.48 ug/ml



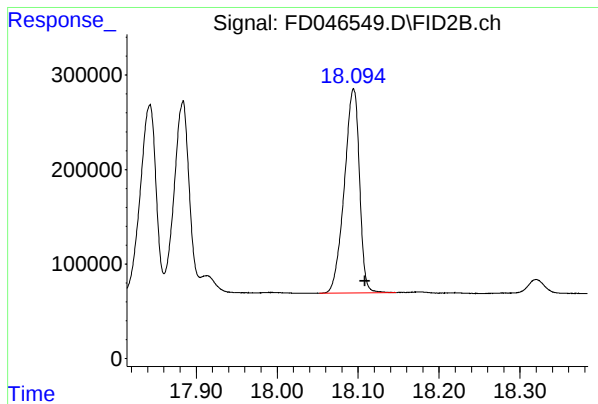
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2669399
Conc: 21.30 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.011 min
Response: 2830927
Conc: 21.27 ug/ml



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

R.T.: 18.094 min
Delta R.T.: -0.014 min
Response: 2811112
Conc: 21.32 ug/ml

Instrument :

FID_D

ClientSampleId :

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