

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046577.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 14:14
 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: Sep 27 01:10:02 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...	7.489	3630684	20.602 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
6) S 2-Fluorobiphenyl (SURR)	8.342	2370746	20.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.380	4239903	20.811 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	3803552	20.593 ug/ml
2) T Naphthalene (C11.7)	5.829	3974404	20.568 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	4006015	20.672 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3650344	20.702 ug/ml
7) T Acenaphthene (C15.5)	8.441	3894856	20.729 ug/ml
8) T Fluorene (C16.55)	9.219	3717854	20.610 ug/ml
9) T Phenanthrene (C19.36)	10.608	3611174	20.538 ug/ml
10) T Anthracene (C19.43)	10.682	3431223	22.339 ug/ml
12) T Fluoranthene (C21.85)	12.410	3550734	20.833 ug/ml
13) T Pyrene (C20.8)	12.705	3453566	21.052 ug/ml
14) T Benzo[a]anthracene (C...	14.567	2889113	20.691 ug/ml
15) T Chrysene (C27.41)	14.609	3132415	20.635 ug/ml
16) T benzo[b]fluoranthene ...	16.109	2868749	20.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	2884035	20.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2731177	20.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2444365	19.500 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	2530647	19.017 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	2636746	19.995 ug/ml

(f)=RT Delta > 1/2 Window

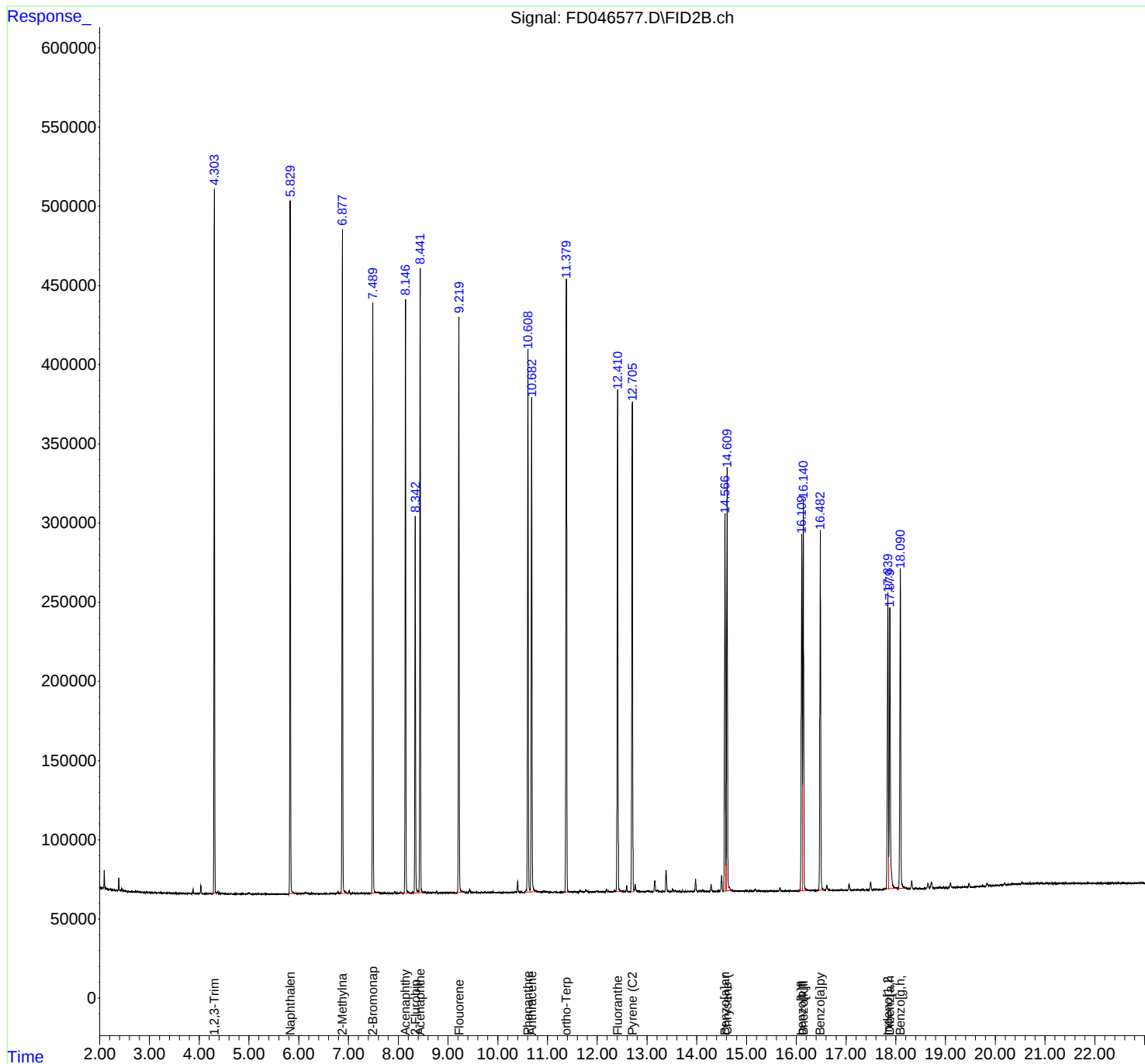
(m)=manual int.

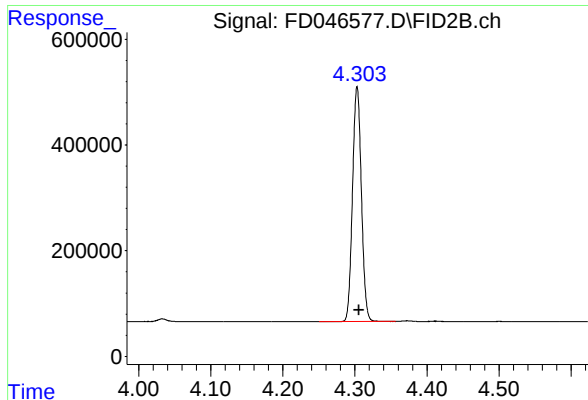
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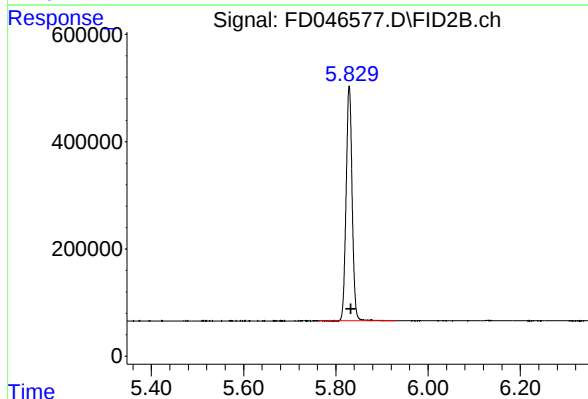




#1 1,2,3-Trimethylbenzene (C10.1)

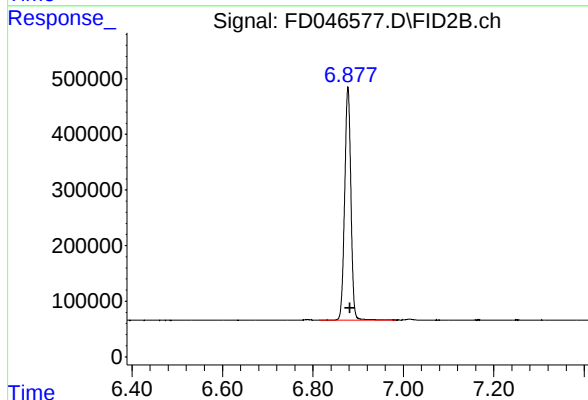
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 3803552
Conc: 20.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



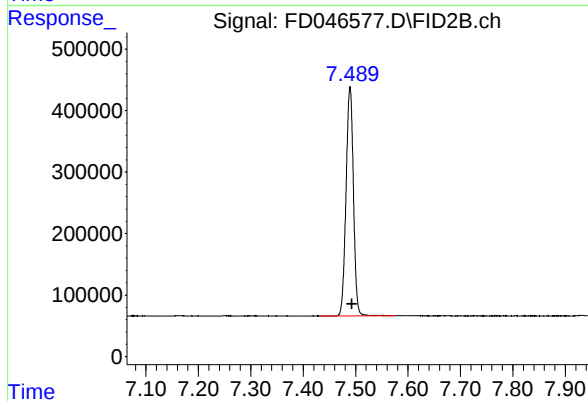
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 3974404
Conc: 20.57 ug/ml



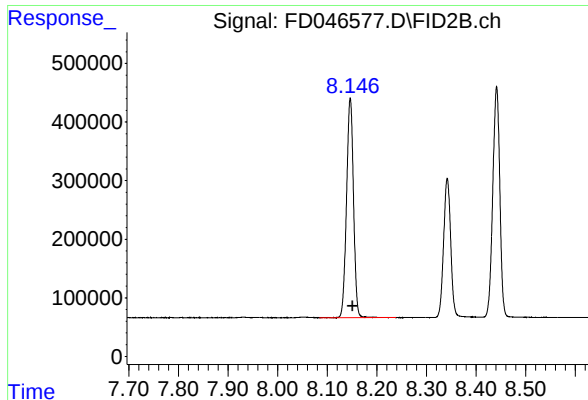
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 4006015
Conc: 20.67 ug/ml



#4 2-Bromonaphthalene (SURR)

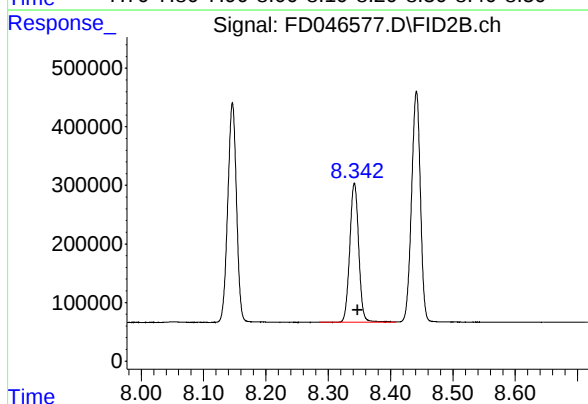
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 3630684
Conc: 20.60 ug/ml



#5 Acenaphthylene (C15.06)

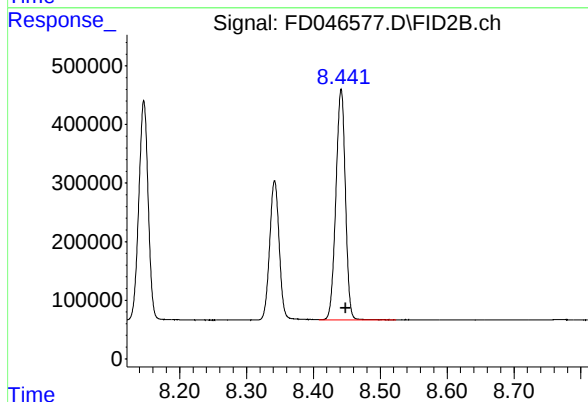
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3650344
Conc: 20.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



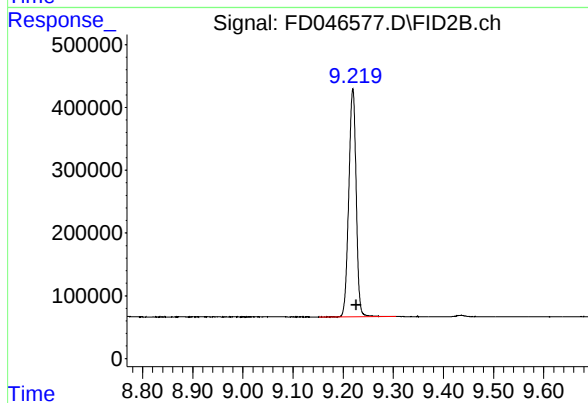
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2370746
Conc: 20.46 ug/ml



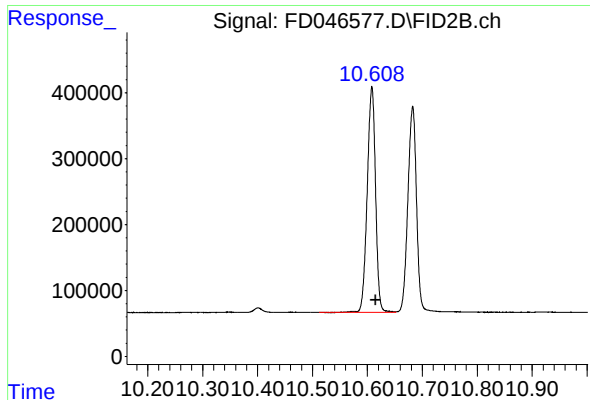
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 3894856
Conc: 20.73 ug/ml



#8 Flouorene (C16.55)

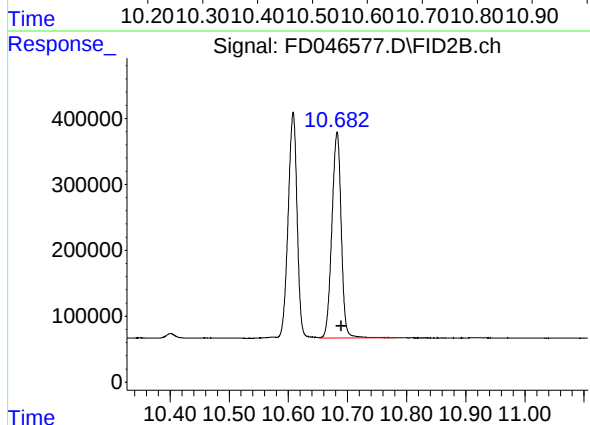
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3717854
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

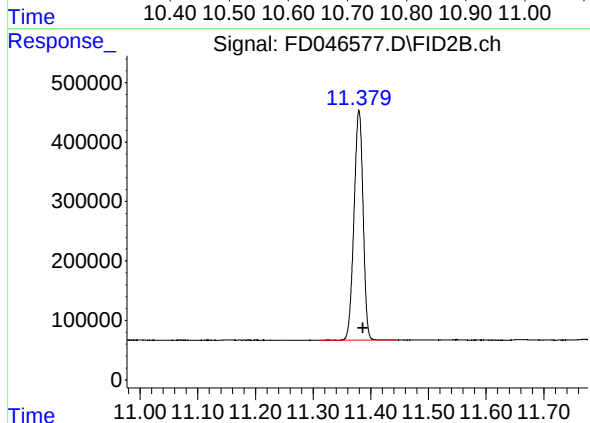
R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 3611174
Conc: 20.54 ug/ml

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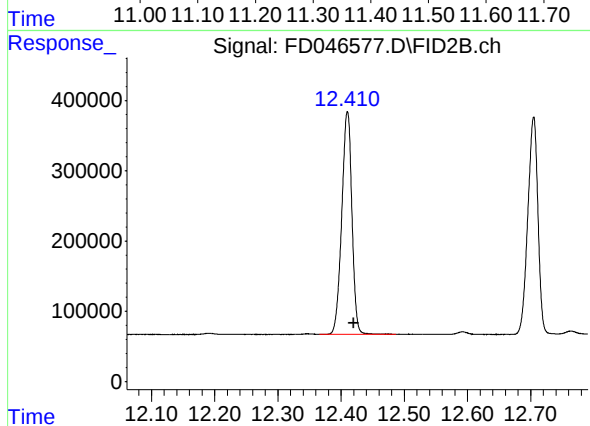
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.007 min
Response: 3431223
Conc: 22.34 ug/ml



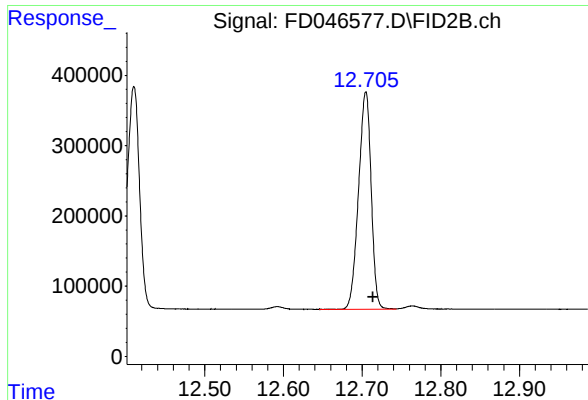
#11 ortho-Terphenyl (SURRE)

R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 4239903
Conc: 20.81 ug/ml



#12 Fluoranthene (C21.85)

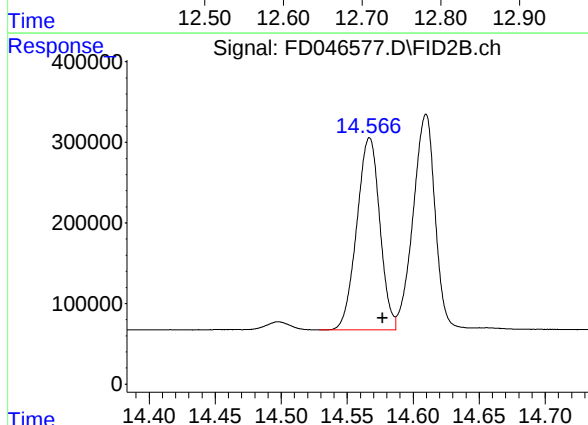
R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3550734
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

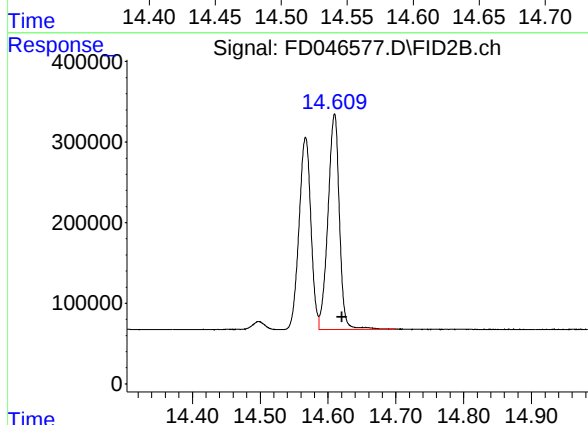
R.T.: 12.705 min
Delta R.T.: -0.009 min
Response: 3453566
Conc: 21.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



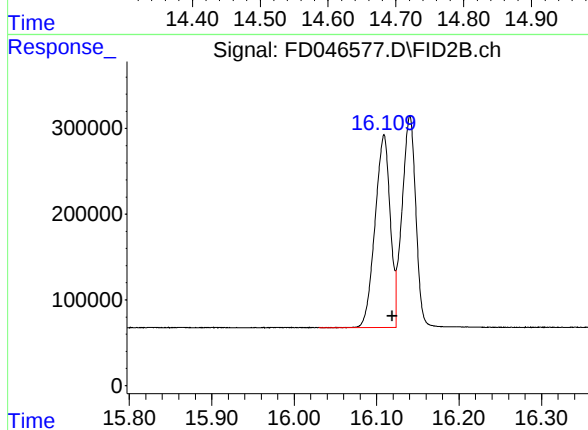
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 2889113
Conc: 20.69 ug/ml



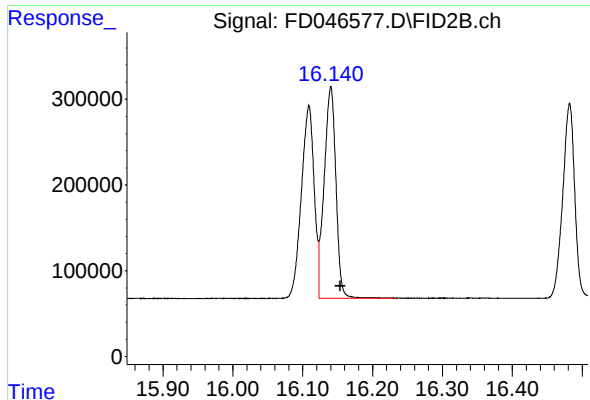
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.011 min
Response: 3132415
Conc: 20.63 ug/ml



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

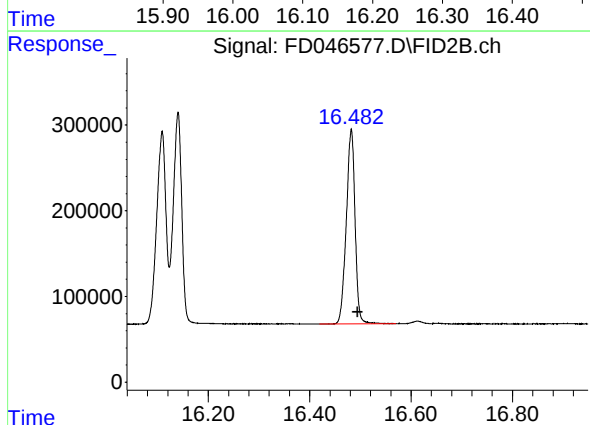
R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 2868749
Conc: 20.91 ug/ml



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

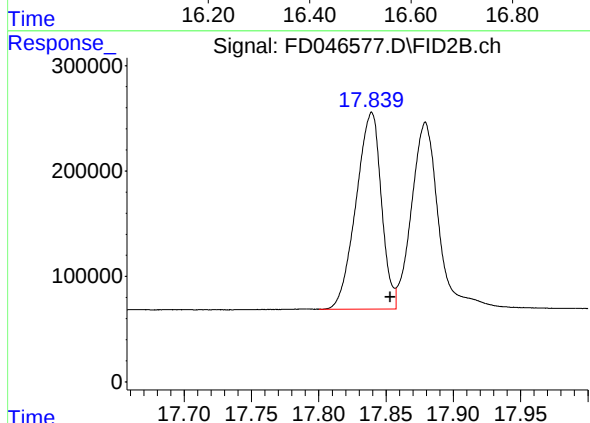
R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 2884035
Conc: 20.82 ug/ml

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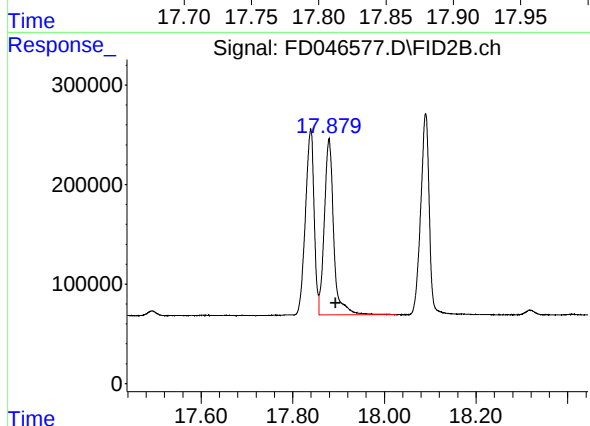
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.013 min
Response: 2731177
Conc: 20.42 ug/ml



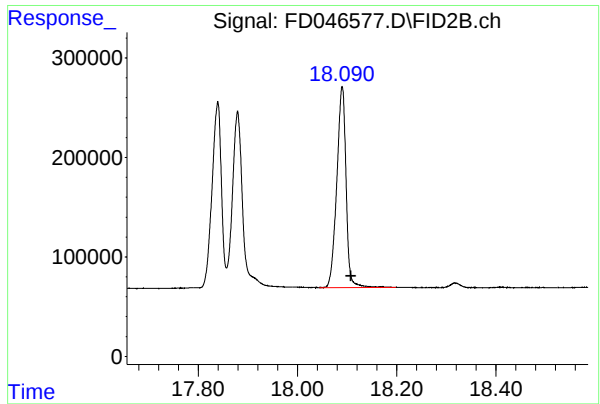
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.015 min
Response: 2444365
Conc: 19.50 ug/ml



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

R.T.: 17.879 min
Delta R.T.: -0.015 min
Response: 2530647
Conc: 19.02 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.018 min
Response: 2636746
Conc: 19.99 ug/ml

Instrument :

FID_D

ClientSampleId :

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