

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072223AR\
 Data File : FD046184.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2023 16:48
 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 24 04:03:16 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...	7.510	3010710	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
6) S 2-Fluorobiphenyl (SURR)	8.365	1901305	20.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.62%
11) S ortho-Terphenyl (SURR)	11.403	3544811	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	3606692	19.796 ug/ml
2) T Naphthalene (C11.7)	5.849	3607138	19.972 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	3531702	20.066 ug/ml
5) T Acenaphthylene (C15.06)	8.169	3072542	20.138 ug/ml
7) T Acenaphthene (C15.5)	8.465	3283600	20.137 ug/ml
8) T Fluorene (C16.55)	9.243	3112939	20.458 ug/ml
9) T Phenanthrene (C19.36)	10.633	2940138	20.418 ug/ml
10) T Anthracene (C19.43)	10.707	2591616	19.803 ug/ml
12) T Fluoranthene (C21.85)	12.438	2856893	20.445 ug/ml
13) T Pyrene (C20.8)	12.732	2793128	20.153 ug/ml
14) T Benzo[a]anthracene (C...	14.597	2659821	20.264 ug/ml
15) T Chrysene (C27.41)	14.639	2794025	19.815 ug/ml
16) T benzo[b]fluoranthene ...	16.141	2822537	20.638 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	2775636	20.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	2730938	20.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	2671088	22.208 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	2683431	20.982 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	2753811	21.706 ug/ml

(f)=RT Delta > 1/2 Window

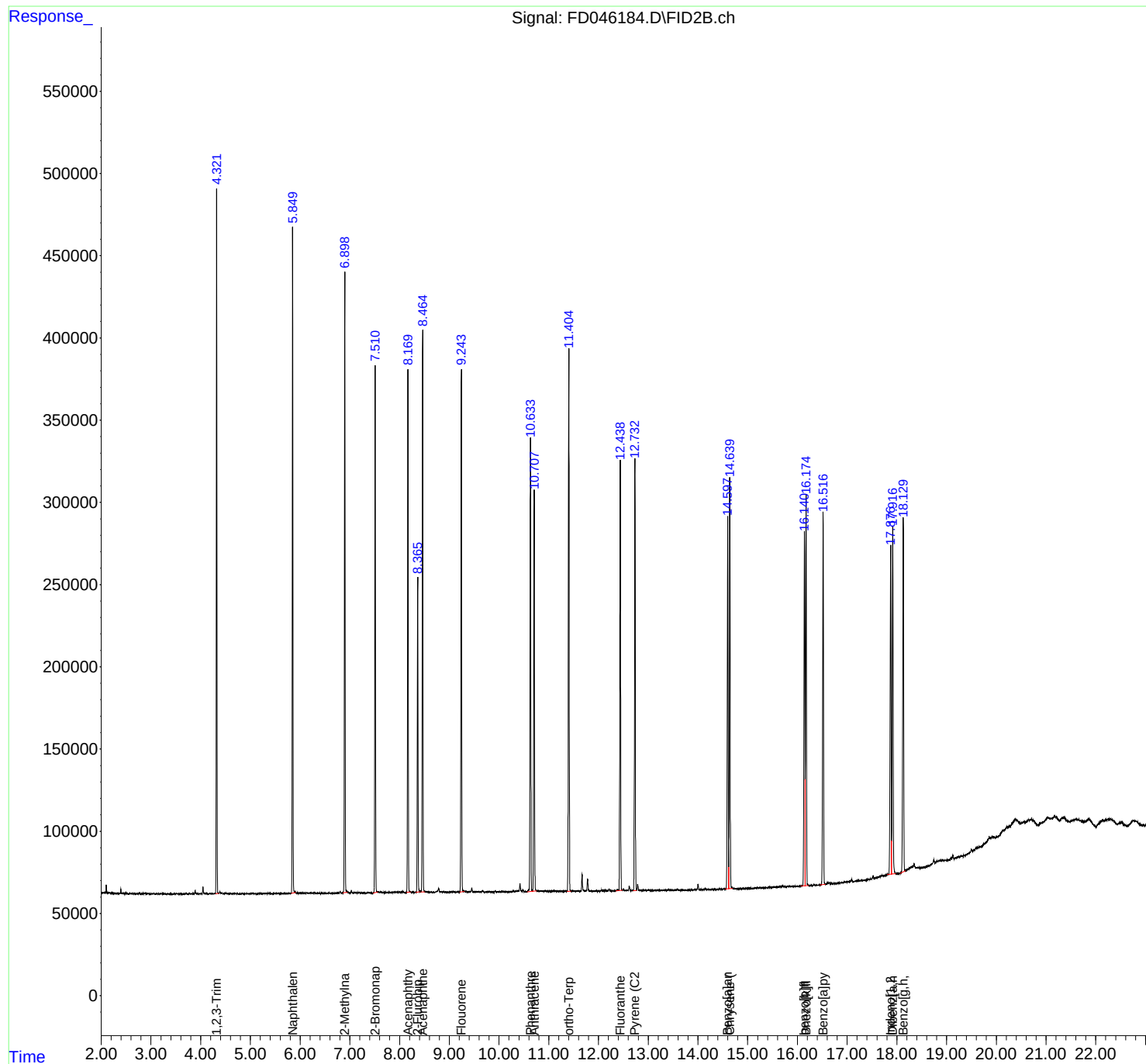
(m)=manual int.

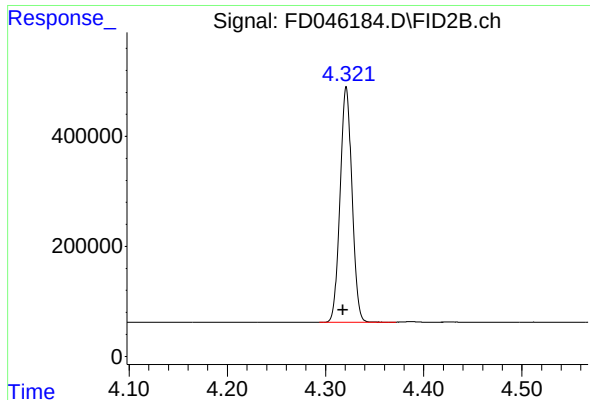
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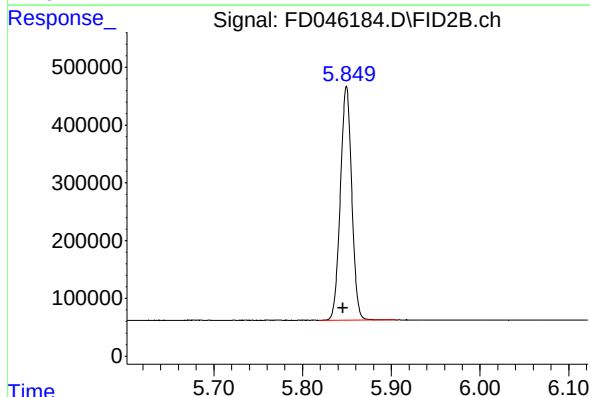




#1 1,2,3-Trimethylbenzene (C10.1)

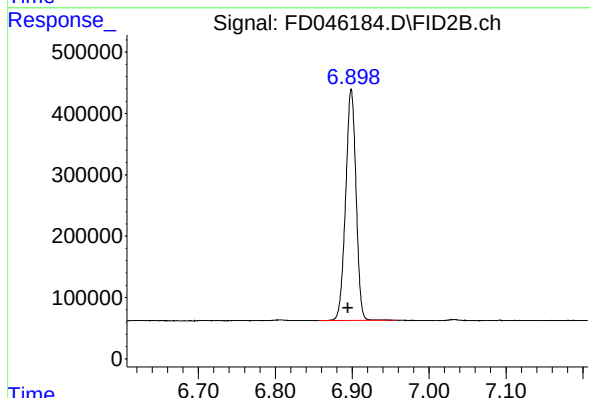
R.T.: 4.321 min
Delta R.T.: 0.003 min
Response: 3606692
Conc: 19.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



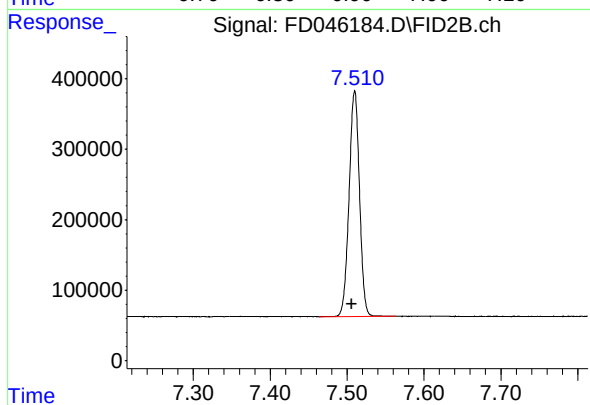
#2 Naphthalene (C11.7)

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 3607138
Conc: 19.97 ug/ml



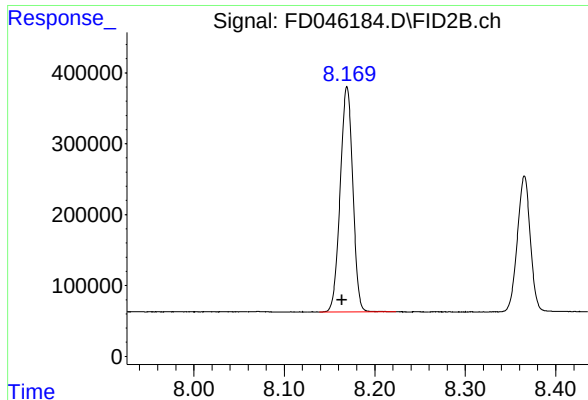
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.004 min
Response: 3531702
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

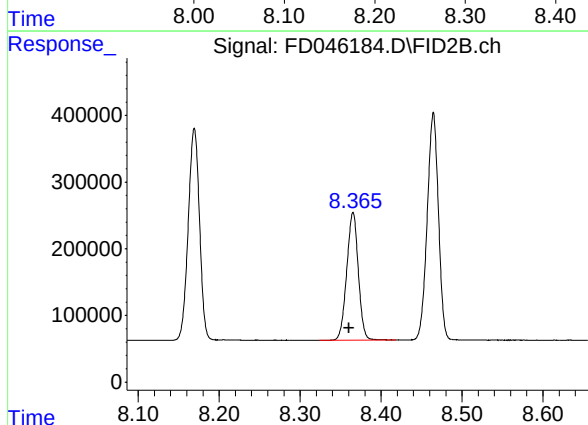
R.T.: 7.510 min
Delta R.T.: 0.004 min
Response: 3010710
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

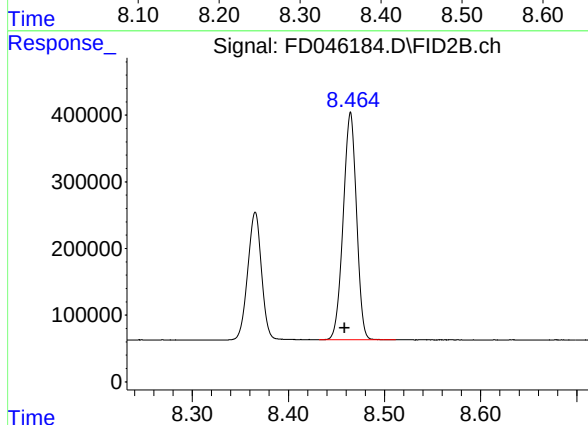
R.T.: 8.169 min
Delta R.T.: 0.005 min
Response: 3072542
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



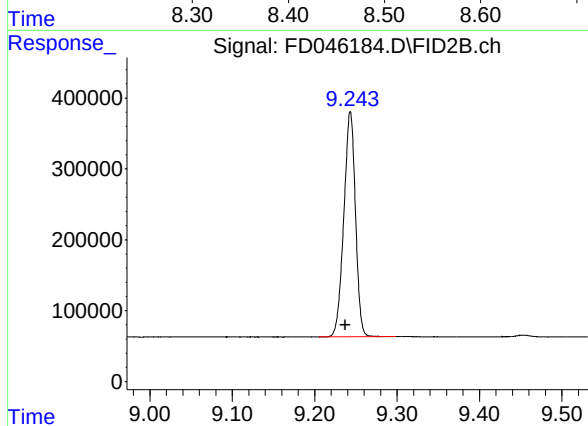
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: 0.005 min
Response: 1901305
Conc: 20.31 ug/ml



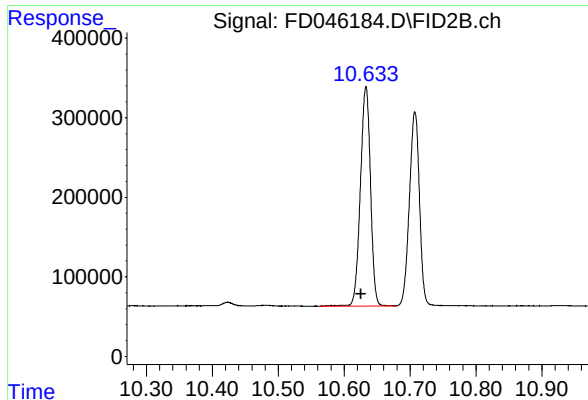
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: 0.006 min
Response: 3283600
Conc: 20.14 ug/ml



#8 Flouorene (C16.55)

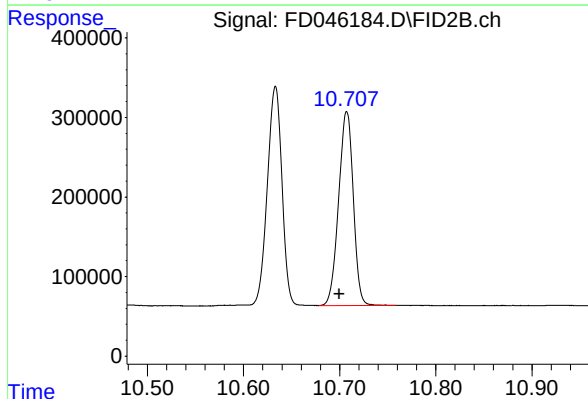
R.T.: 9.243 min
Delta R.T.: 0.006 min
Response: 3112939
Conc: 20.46 ug/ml



#9 Phenanthrene (C19.36)

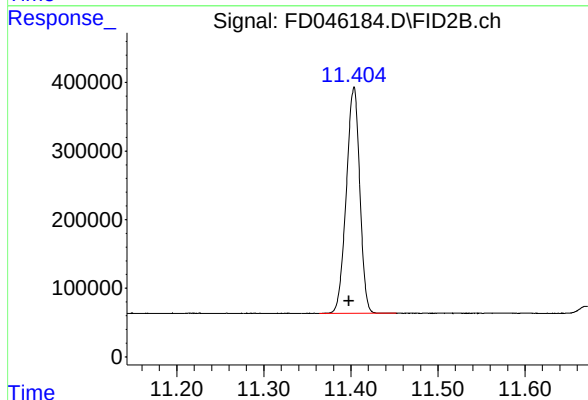
R.T.: 10.633 min
Delta R.T.: 0.007 min
Response: 2940138
Conc: 20.42 ug/ml

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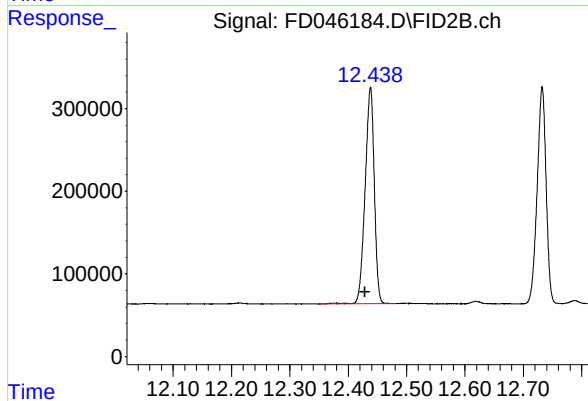
#10 Anthracene (C19.43)

R.T.: 10.707 min
Delta R.T.: 0.008 min
Response: 2591616
Conc: 19.80 ug/ml



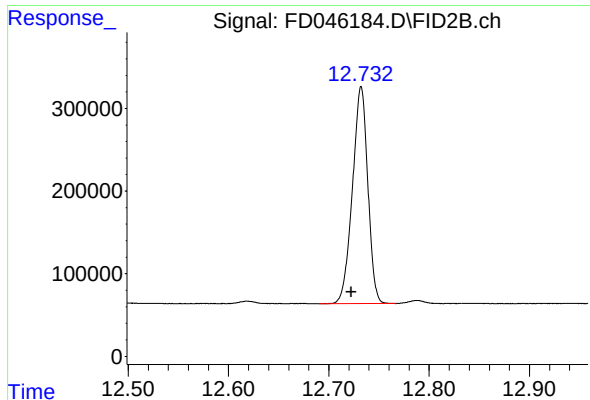
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: 0.006 min
Response: 3544811
Conc: 20.30 ug/ml



#12 Fluoranthene (C21.85)

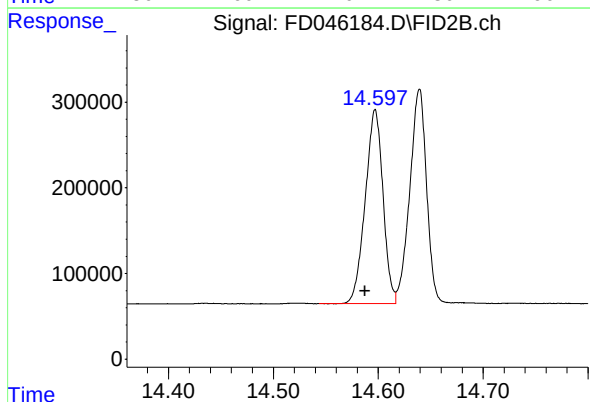
R.T.: 12.438 min
Delta R.T.: 0.010 min
Response: 2856893
Conc: 20.45 ug/ml



#13 Pyrene (C20.8)

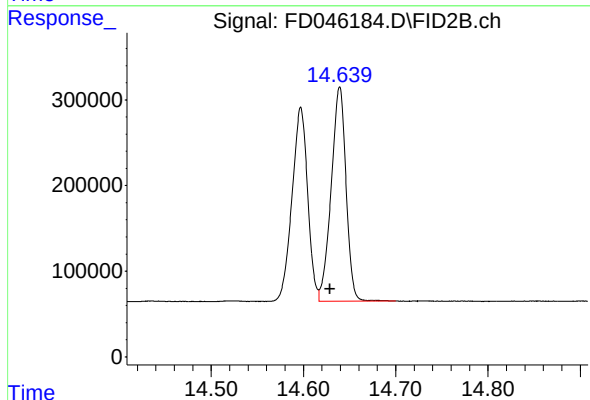
R.T.: 12.732 min
Delta R.T.: 0.010 min
Response: 2793128
Conc: 20.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



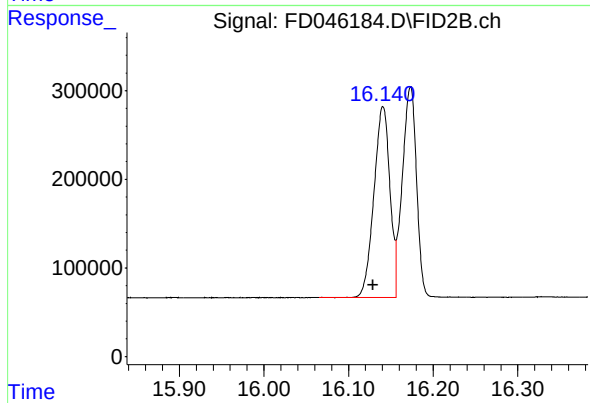
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.597 min
Delta R.T.: 0.010 min
Response: 2659821
Conc: 20.26 ug/ml



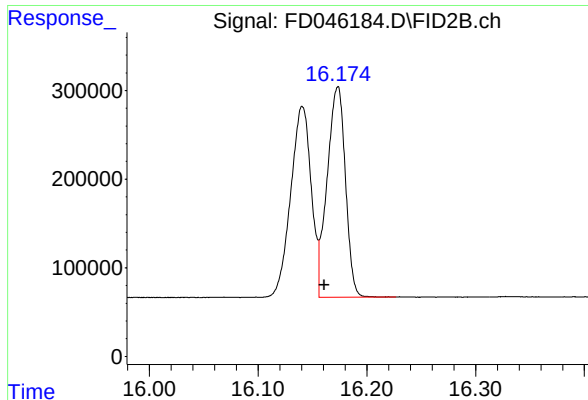
#15 Chrysene (C27.41)

R.T.: 14.639 min
Delta R.T.: 0.010 min
Response: 2794025
Conc: 19.82 ug/ml



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

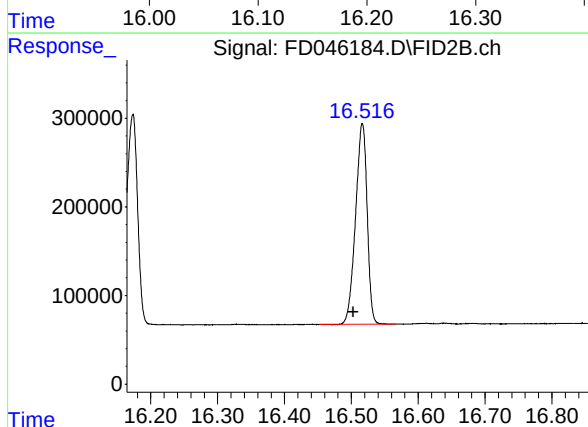
R.T.: 16.141 min
Delta R.T.: 0.012 min
Response: 2822537
Conc: 20.64 ug/ml



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

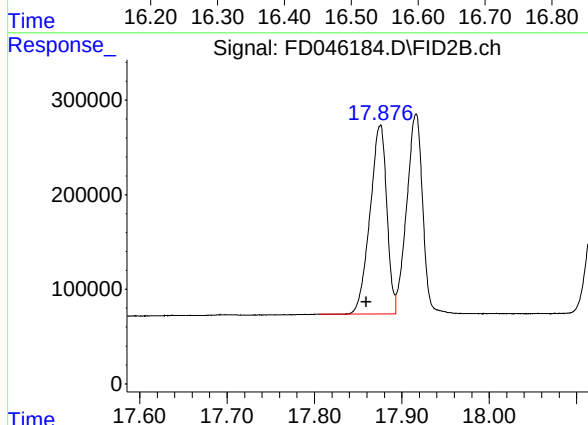
R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 2775636
Conc: 20.25 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



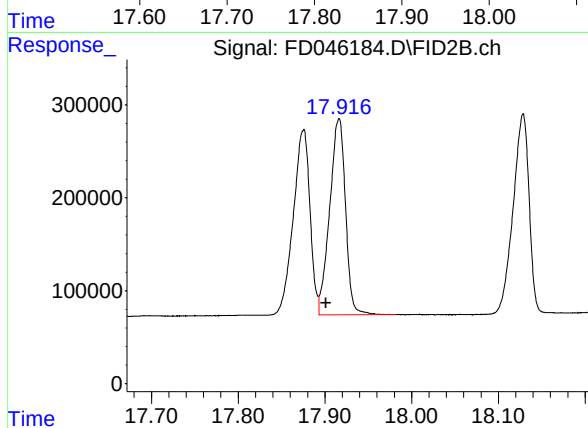
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.516 min
Delta R.T.: 0.013 min
Response: 2730938
Conc: 20.98 ug/ml



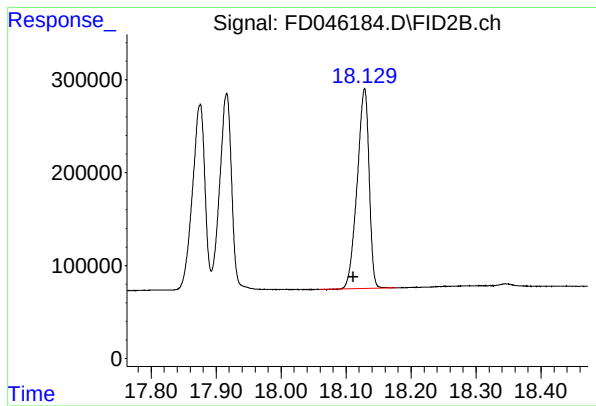
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: 0.015 min
Response: 2671088
Conc: 22.21 ug/ml



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

R.T.: 17.916 min
Delta R.T.: 0.014 min
Response: 2683431
Conc: 20.98 ug/ml



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

R.T.: 18.128 min

Delta R.T.: 0.017 min

Response: 2753811

Conc: 21.71 ug/ml

Instrument :

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ClientSampleId :

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