

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072223AR\
 Data File : FD046192.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2023 00:01
 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 04:08:29 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...	7.508	2988604	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
6) S 2-Fluorobiphenyl (SURR)	8.363	1894562	20.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.401	3528702	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	3588472	19.696 ug/ml
2) T Naphthalene (C11.7)	5.848	3587244	19.861 ug/ml
3) T 2-Methylnaphthalene (...)	6.896	3517285	19.984 ug/ml
5) T Acenaphthylene (C15.06)	8.166	3052697	20.008 ug/ml
7) T Acenaphthene (C15.5)	8.462	3258831	19.985 ug/ml
8) T Fluorene (C16.55)	9.240	3091230	20.316 ug/ml
9) T Phenanthrene (C19.36)	10.630	2933859	20.374 ug/ml
10) T Anthracene (C19.43)	10.704	2575676	19.681 ug/ml
12) T Fluoranthene (C21.85)	12.434	2861045	20.475 ug/ml
13) T Pyrene (C20.8)	12.729	2796367	20.177 ug/ml
14) T Benzo[a]anthracene (C...	14.593	2684192	20.449 ug/ml
15) T Chrysene (C27.41)	14.636	2803241	19.881 ug/ml
16) T benzo[b]fluoranthene ...	16.136	2846722	20.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	2798601	20.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	2751473	21.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	2677635	22.263 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	2716985	21.244 ug/ml
21) T Benzo[g,h,i]perylene ...	18.122	2775363	21.876 ug/ml

(f)=RT Delta > 1/2 Window

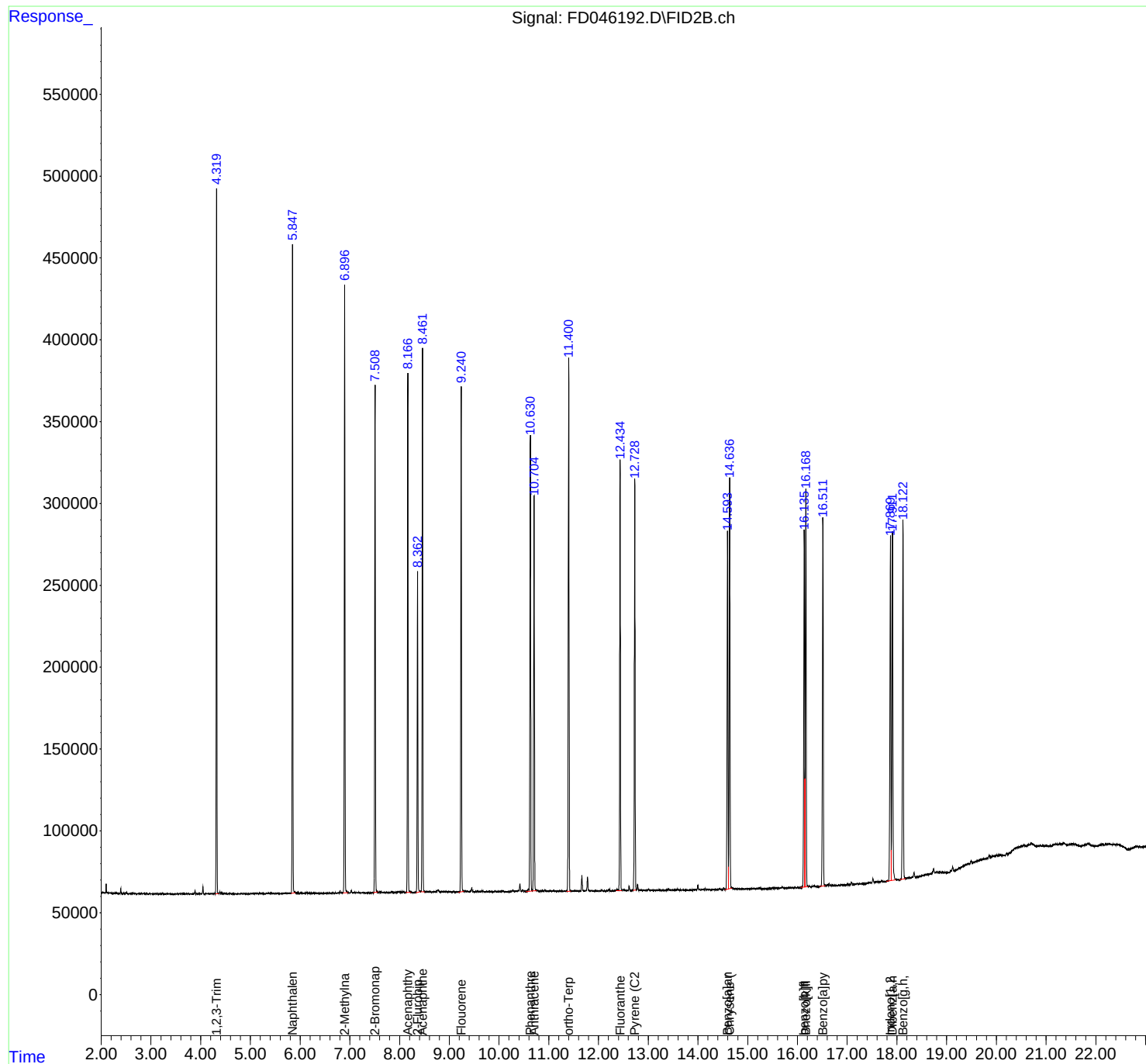
(m)=manual int.

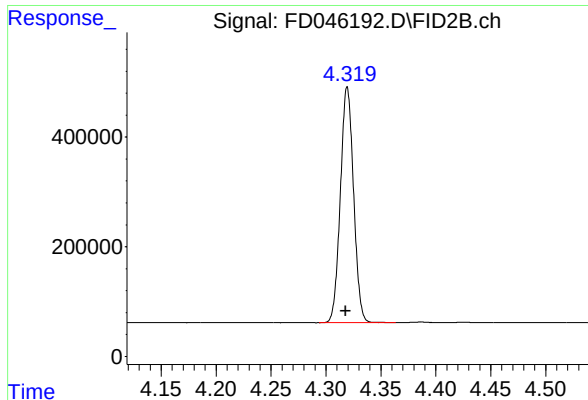
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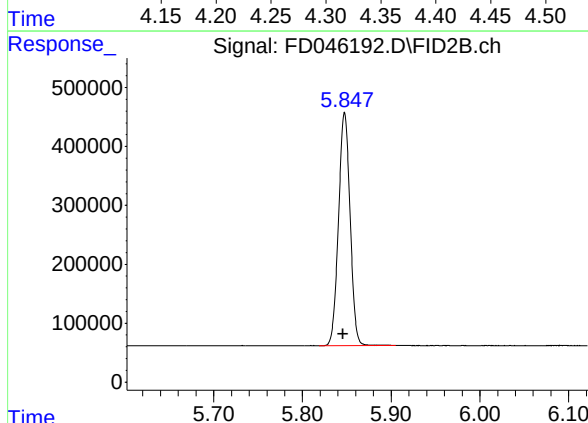




#1 1,2,3-Trimethylbenzene (C10.1)

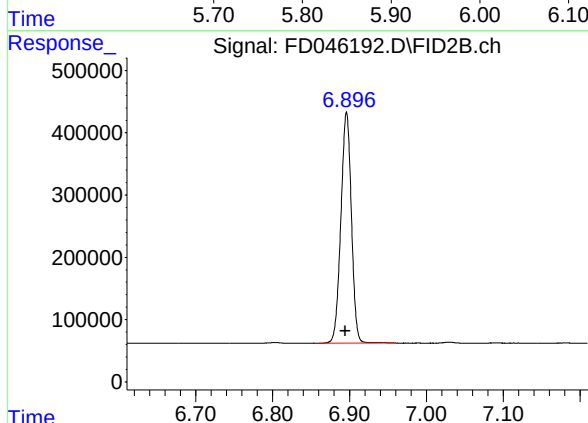
R.T.: 4.319 min
Delta R.T.: 0.002 min
Response: 3588472
Conc: 19.70 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



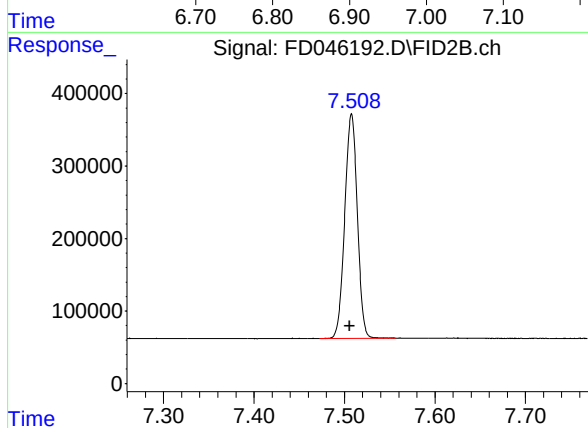
#2 Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 3587244
Conc: 19.86 ug/ml



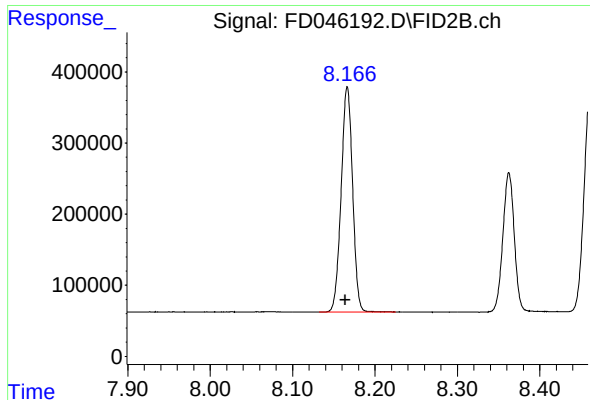
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: 0.002 min
Response: 3517285
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

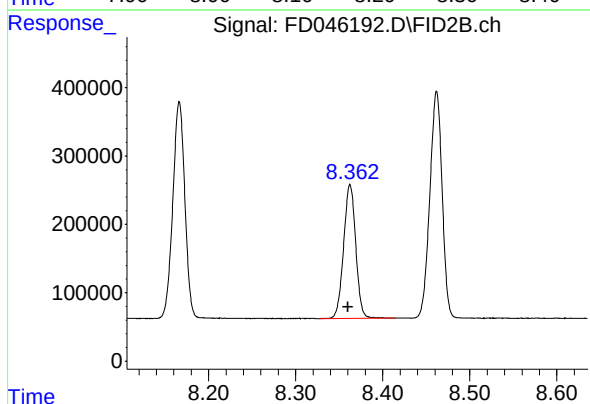
R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 2988604
Conc: 19.99 ug/ml



#5 Acenaphthylene (C15.06)

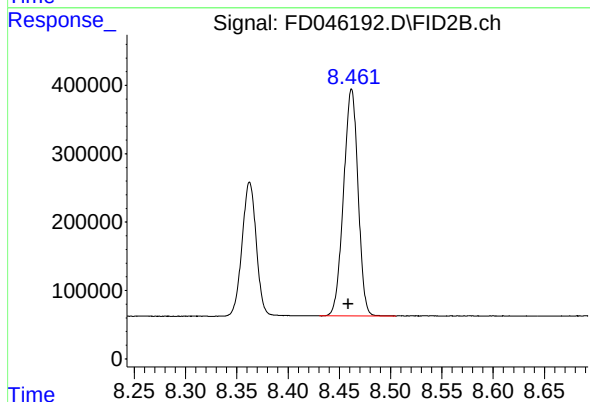
R.T.: 8.166 min
Delta R.T.: 0.003 min
Response: 3052697
Conc: 20.01 ug/ml

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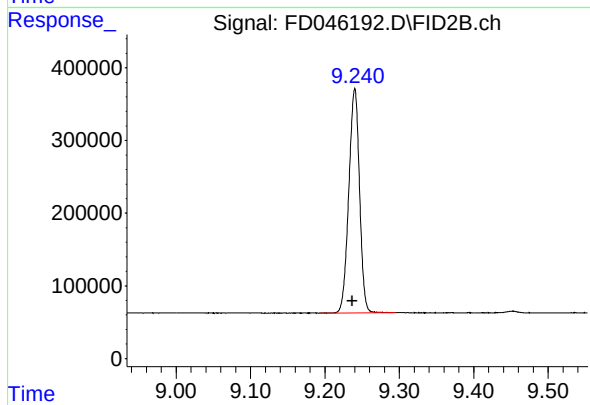
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.363 min
Delta R.T.: 0.002 min
Response: 1894562
Conc: 20.24 ug/ml



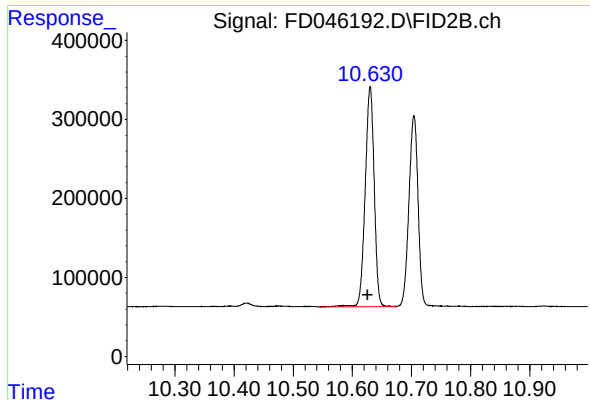
#7 Acenaphthene (C15.5)

R.T.: 8.462 min
Delta R.T.: 0.003 min
Response: 3258831
Conc: 19.99 ug/ml



#8 Flouorene (C16.55)

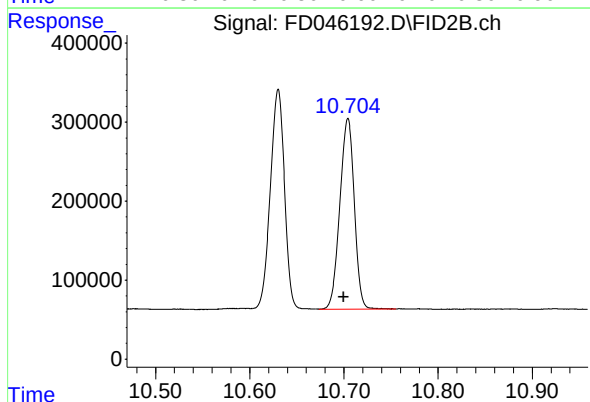
R.T.: 9.240 min
Delta R.T.: 0.003 min
Response: 3091230
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

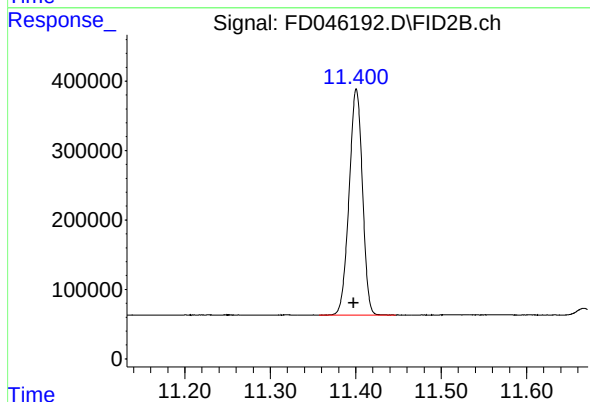
R.T.: 10.630 min
Delta R.T.: 0.004 min
Response: 2933859
Conc: 20.37 ug/ml

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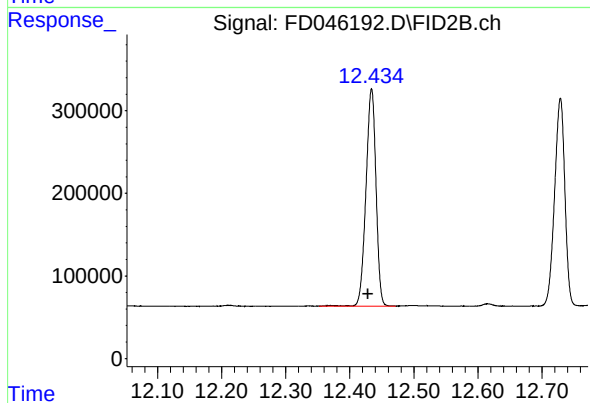
#10 Anthracene (C19.43)

R.T.: 10.704 min
Delta R.T.: 0.004 min
Response: 2575676
Conc: 19.68 ug/ml



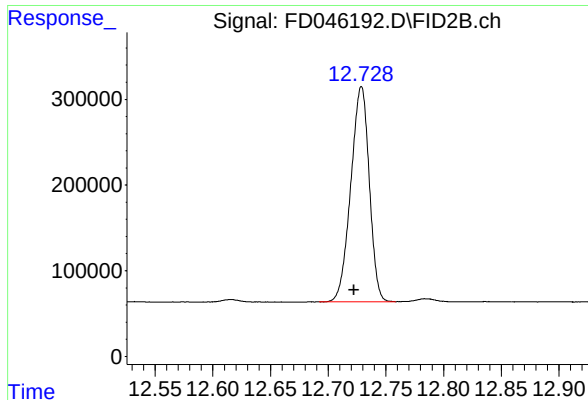
#11 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: 0.003 min
Response: 3528702
Conc: 20.21 ug/ml



#12 Fluoranthene (C21.85)

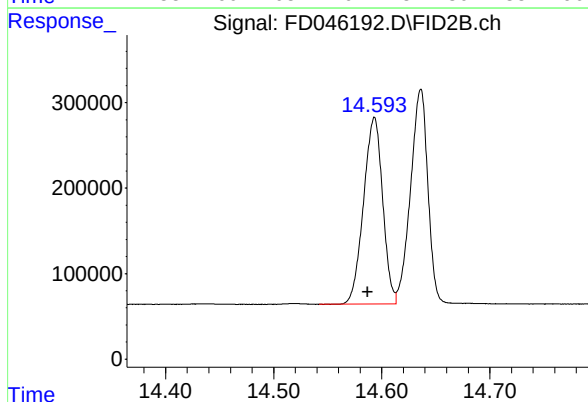
R.T.: 12.434 min
Delta R.T.: 0.005 min
Response: 2861045
Conc: 20.48 ug/ml



#13 Pyrene (C20.8)

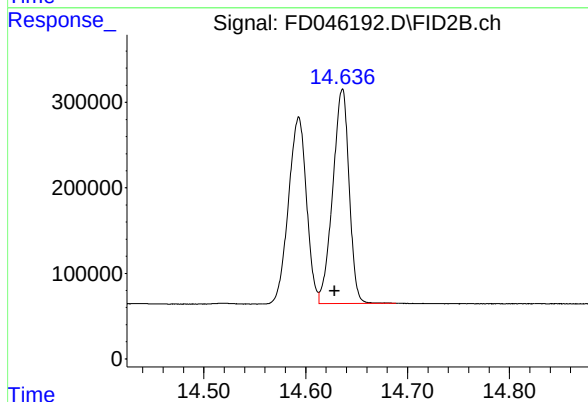
R.T.: 12.729 min
Delta R.T.: 0.006 min
Response: 2796367
Conc: 20.18 ug/ml

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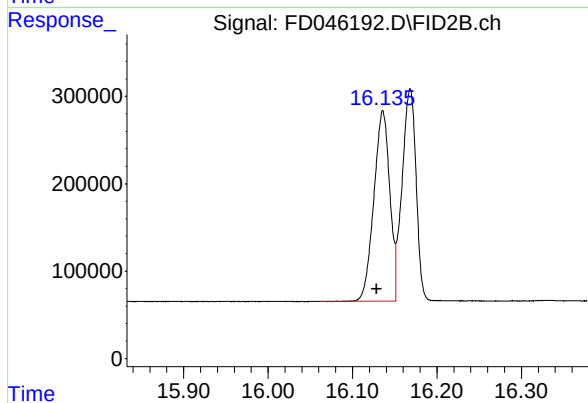
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 2684192
Conc: 20.45 ug/ml



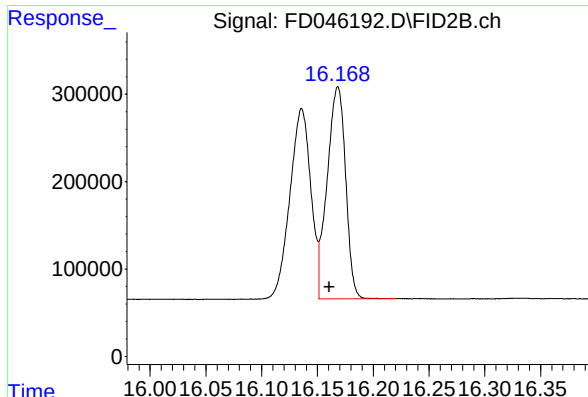
#15 Chrysene (C27.41)

R.T.: 14.636 min
Delta R.T.: 0.007 min
Response: 2803241
Conc: 19.88 ug/ml



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

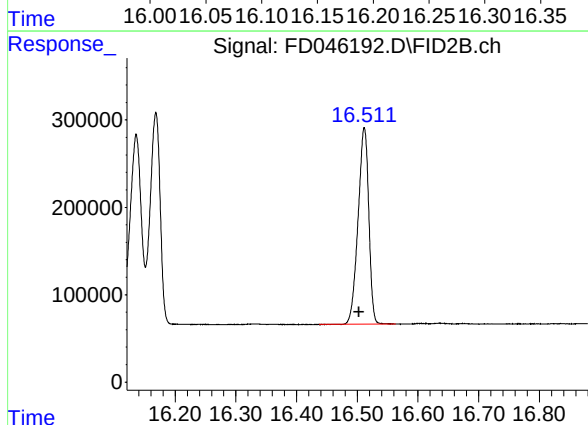
R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 2846722
Conc: 20.81 ug/ml



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

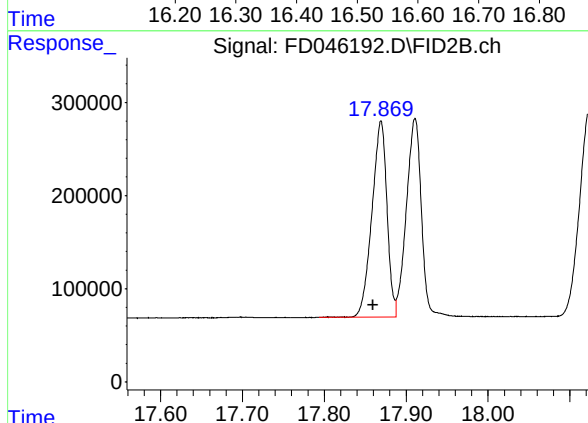
R.T.: 16.168 min
Delta R.T.: 0.007 min
Response: 2798601
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



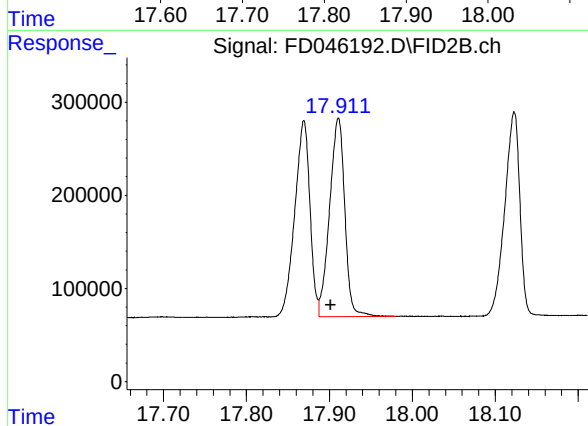
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.008 min
Response: 2751473
Conc: 21.13 ug/ml



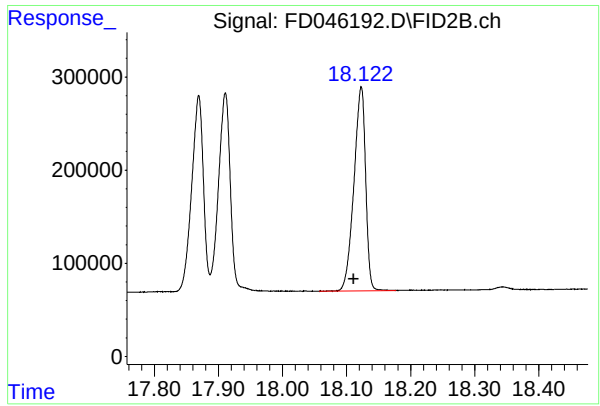
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.010 min
Response: 2677635
Conc: 22.26 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.009 min
Response: 2716985
Conc: 21.24 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.011 min
Response: 2775363
Conc: 21.88 ug/ml

Instrument :

FID_D

ClientSampleId :

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