

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047945.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 13:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 17 14:39:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.420	2859287	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
6) S 2-Fluorobiphenyl (SURR)	8.272	1914459	19.654 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.31%
11) S ortho-Terphenyl (SURR)	11.310	3285208	19.549 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	3135107	19.507 ug/ml
2) T Naphthalene (C11.7)	5.759	3312928	19.564 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	3348029	19.444 ug/ml
5) T Acenaphthylene (C15.06)	8.075	3238315	19.280 ug/ml
7) T Acenaphthene (C15.5)	8.369	3315271	19.560 ug/ml
8) T Flouorene (C16.55)	9.148	3247412	19.557 ug/ml
9) T Phenanthrene (C19.36)	10.536	3216904	19.650 ug/ml
10) T Anthracene (C19.43)	10.611	3206850	19.717 ug/ml
12) T Fluoranthene (C21.85)	12.342	3228176	19.604 ug/ml
13) T Pyrene (C20.8)	12.635	3214673	19.715 ug/ml
14) T Benzo[a]anthracene (C...	14.505	3039144	19.812 ug/ml
15) T Chrysene (C27.41)	14.546	3197545	19.551 ug/ml
16) T benzo[b]fluoranthene ...	16.051	3057948	19.902 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2967534	19.812 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	3014234	19.780 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	2622375	19.943 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	3092125	19.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	2930937	19.497 ug/ml

(f)=RT Delta > 1/2 Window

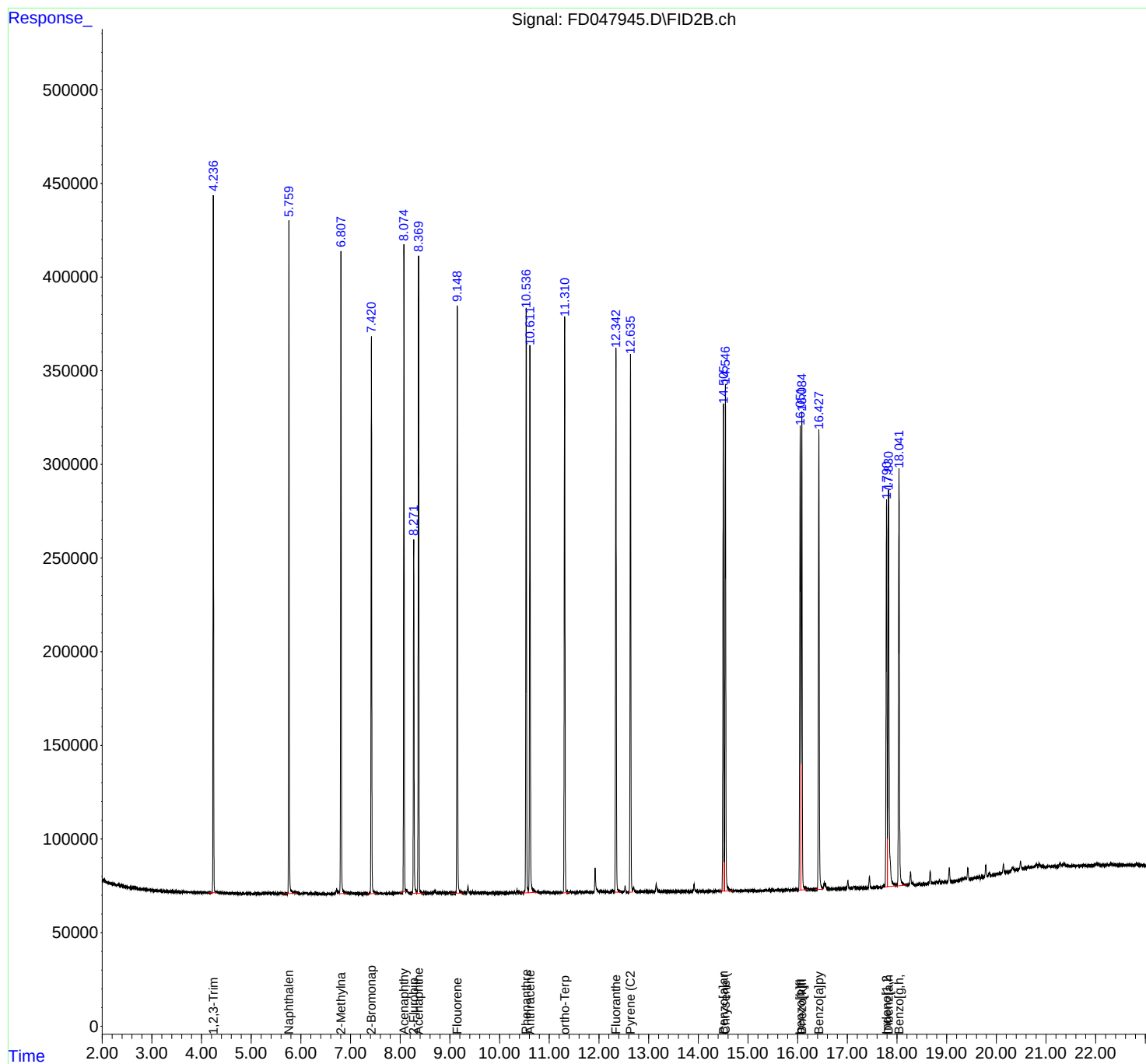
(m)=manual int.

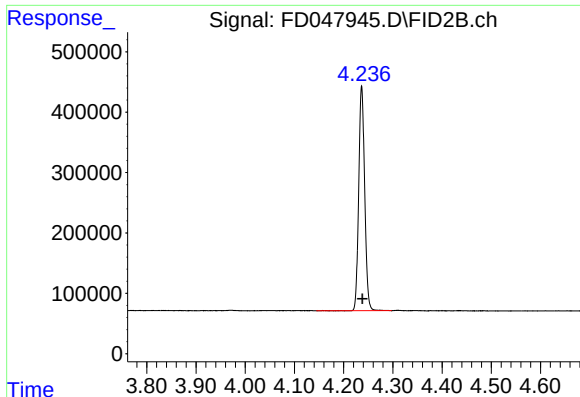
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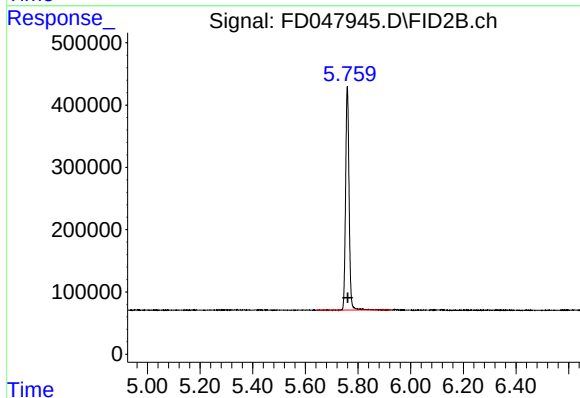




#1 1,2,3-Trimethylbenzene (C10.1)

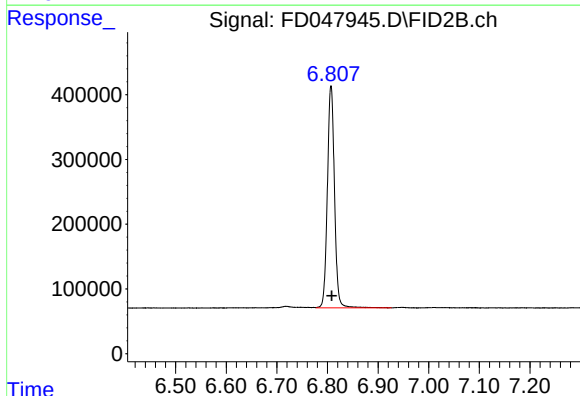
R.T.: 4.237 min
Delta R.T.: -0.001 min
Response: 3135107
Conc: 19.51 ug/ml

Instrument :
FID_D
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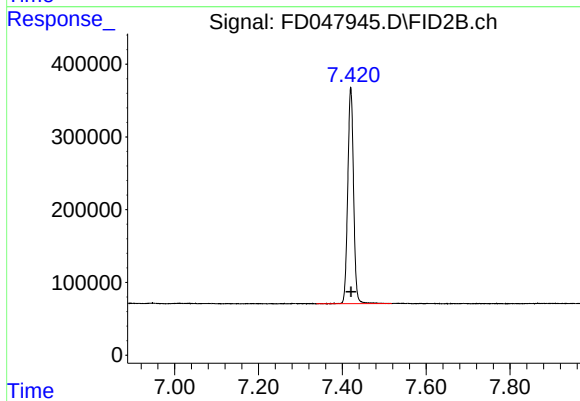
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.001 min
Response: 3312928
Conc: 19.56 ug/ml



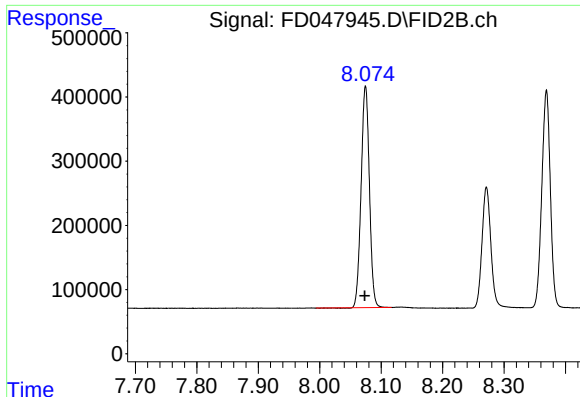
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 3348029
Conc: 19.44 ug/ml



#4 2-Bromonaphthalene (SURR)

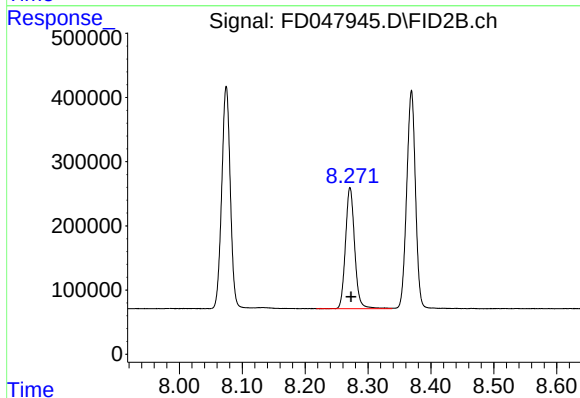
R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 2859287
Conc: 19.66 ug/ml



#5 Acenaphthylene (C15.06)

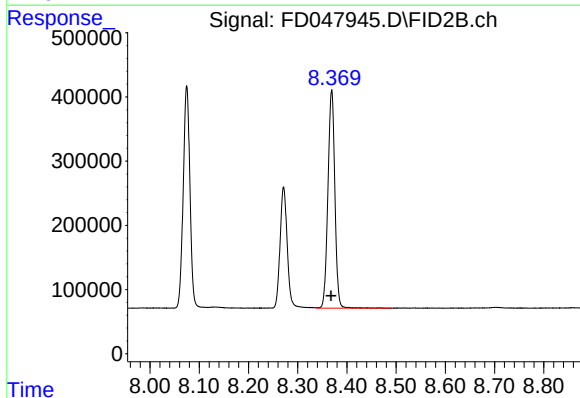
R.T.: 8.075 min
Delta R.T.: 0.001 min
Response: 3238315
Conc: 19.28 ug/ml

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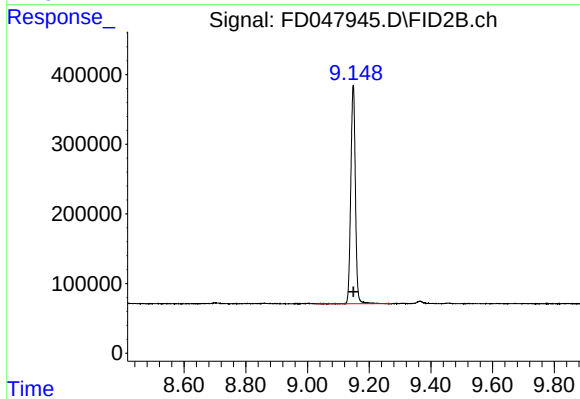
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 1914459
Conc: 19.65 ug/ml



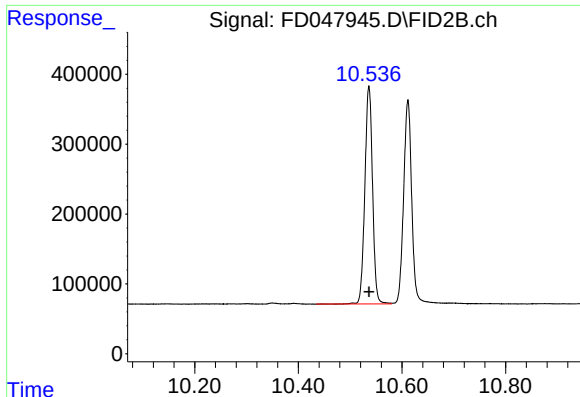
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 3315271
Conc: 19.56 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 3247412
Conc: 19.56 ug/ml



#9 Phenanthrene (C19.36)

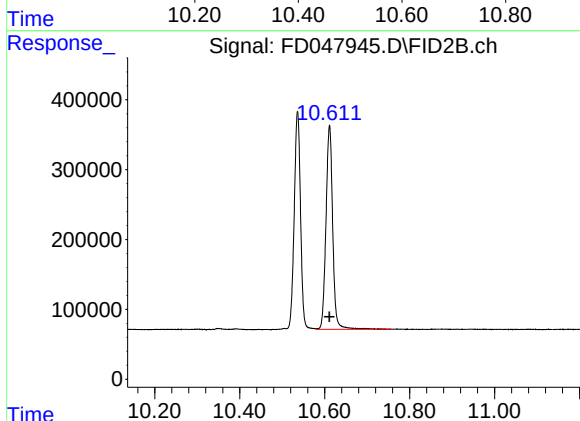
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 3216904
Conc: 19.65 ug/ml

Instrument :

FID_D

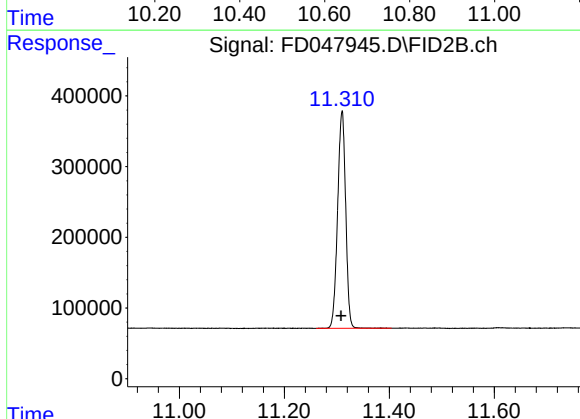
ClientSampleId :

20 PPM AROMATIC HC STD ICV



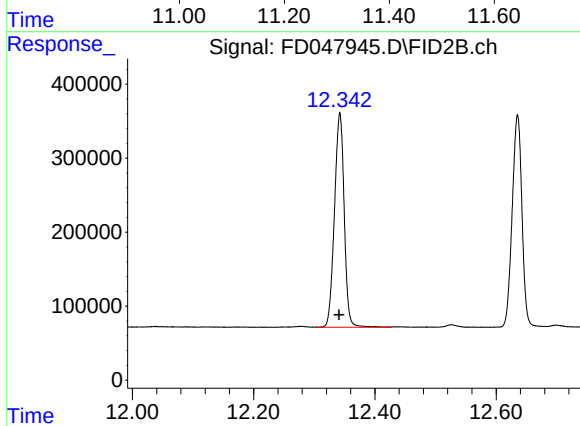
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: 0.000 min
Response: 3206850
Conc: 19.72 ug/ml



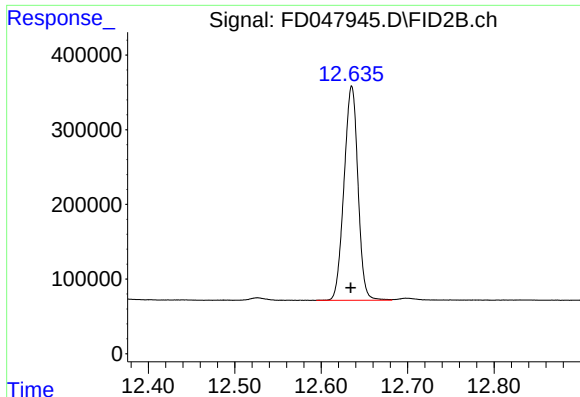
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: 0.002 min
Response: 3285208
Conc: 19.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.342 min
Delta R.T.: 0.001 min
Response: 3228176
Conc: 19.60 ug/ml



#13 Pyrene (C20.8)

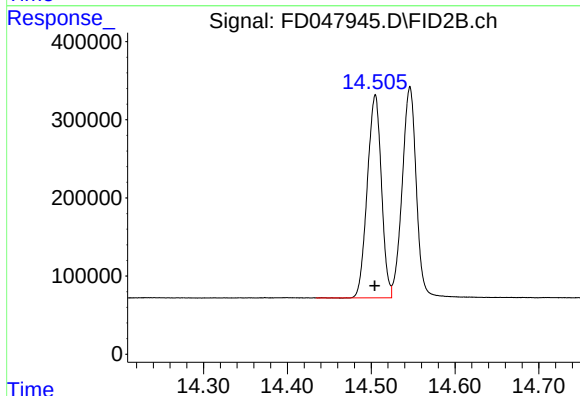
R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 3214673
Conc: 19.72 ug/ml

Instrument :

FID_D

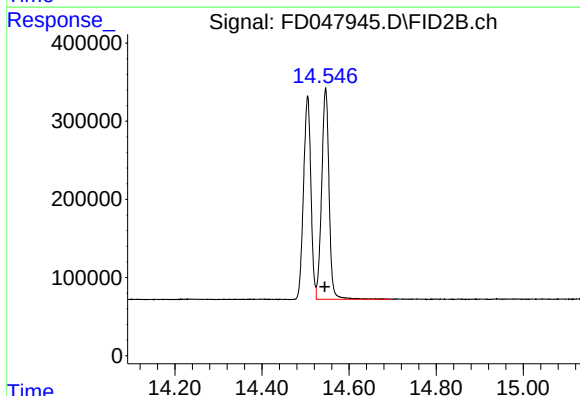
ClientSampleId :

20 PPM AROMATIC HC STD ICV



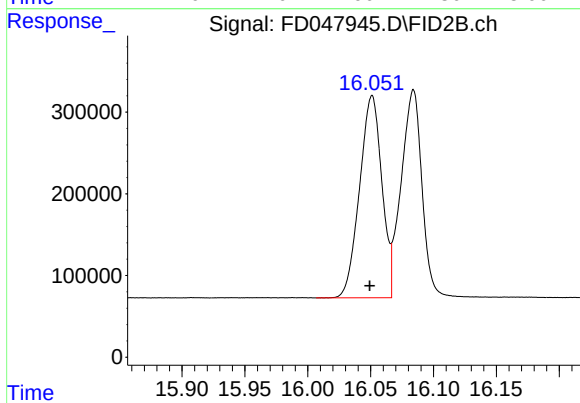
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: 0.000 min
Response: 3039144
Conc: 19.81 ug/ml



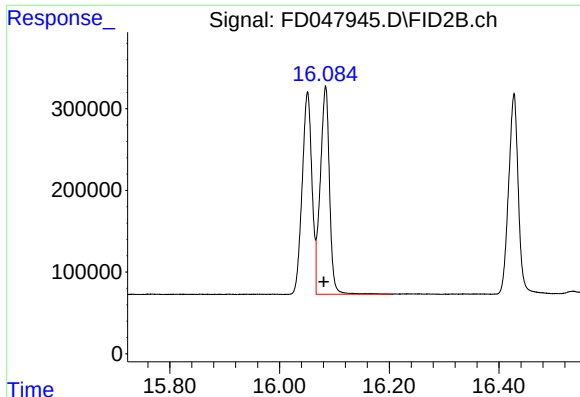
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: 0.002 min
Response: 3197545
Conc: 19.55 ug/ml



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

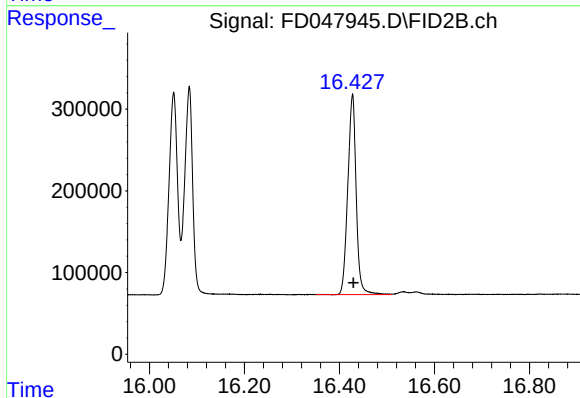
R.T.: 16.051 min
Delta R.T.: 0.002 min
Response: 3057948
Conc: 19.90 ug/ml



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

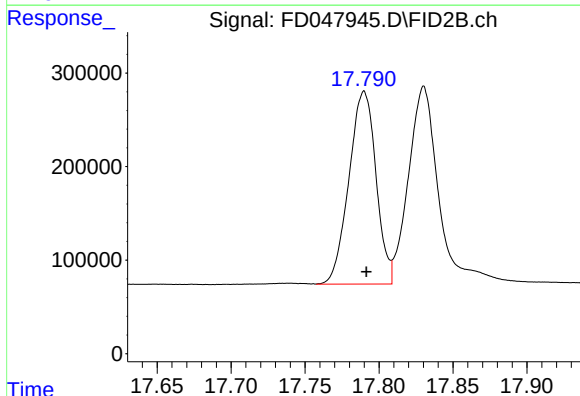
R.T.: 16.084 min
Delta R.T.: 0.003 min
Response: 2967534
Conc: 19.81 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



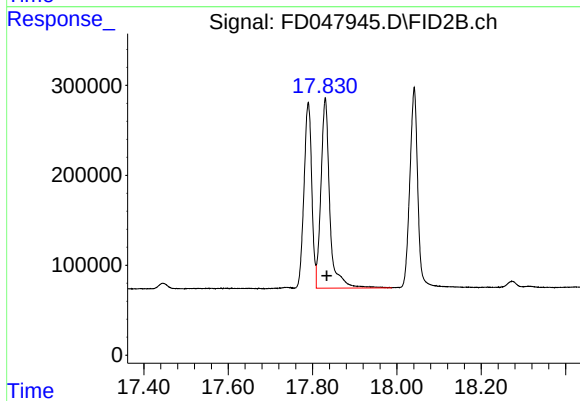
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.002 min
Response: 3014234
Conc: 19.78 ug/ml



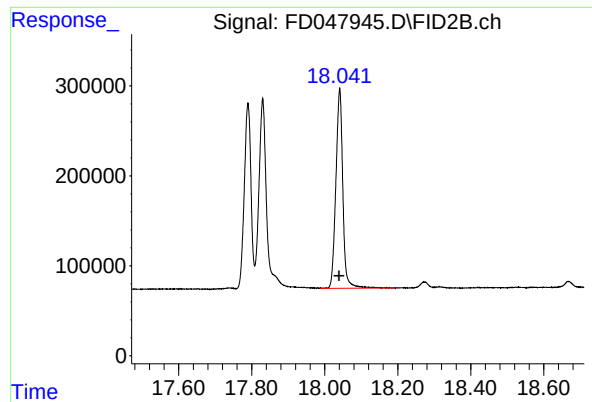
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.002 min
Response: 2622375
Conc: 19.94 ug/ml



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

R.T.: 17.830 min
Delta R.T.: -0.003 min
Response: 3092125
Conc: 19.52 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.002 min
Response: 2930937
Conc: 19.50 ug/ml

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