

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044300.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 13:01
 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: sample.E
 Quant Time: Oct 29 06:42:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.413	2534774	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.273	1421407	18.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.75%
11) S ortho-Terphenyl (SURR)	11.291	3540377	20.917 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	2978730	21.103 ug/ml
2) T Naphthalene (C11.7)	5.756	2883601	21.034 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	2911928	20.541 ug/ml
5) T Acenaphthylene (C15.06)	8.068	2848943	20.308 ug/ml
7) T Acenaphthene (C15.5)	8.358	3314031	21.311 ug/ml
8) T Flouorene (C16.55)	9.142	2832719	20.136 ug/ml
9) T Phenanthrene (C19.36)	10.533	2748873	20.412 ug/ml
10) T Anthracene (C19.43)	10.613	2265869	16.863 ug/ml
12) T Fluoranthene (C21.85)	12.338	2841856	21.279 ug/ml
13) T Pyrene (C20.8)	12.630	2464801	19.514 ug/ml
14) T Benzo[a]anthracene (C...	14.501	2200751	20.719 ug/ml
15) T Chrysene (C27.41)	14.543	2984532	22.767 ug/ml
16) T benzo[b]fluoranthene ...	16.047	2421900	21.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	2859321	22.474 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	1932204	16.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	2198546	20.623 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	2545102	20.572 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	2441810	20.800 ug/ml

(f)=RT Delta > 1/2 Window

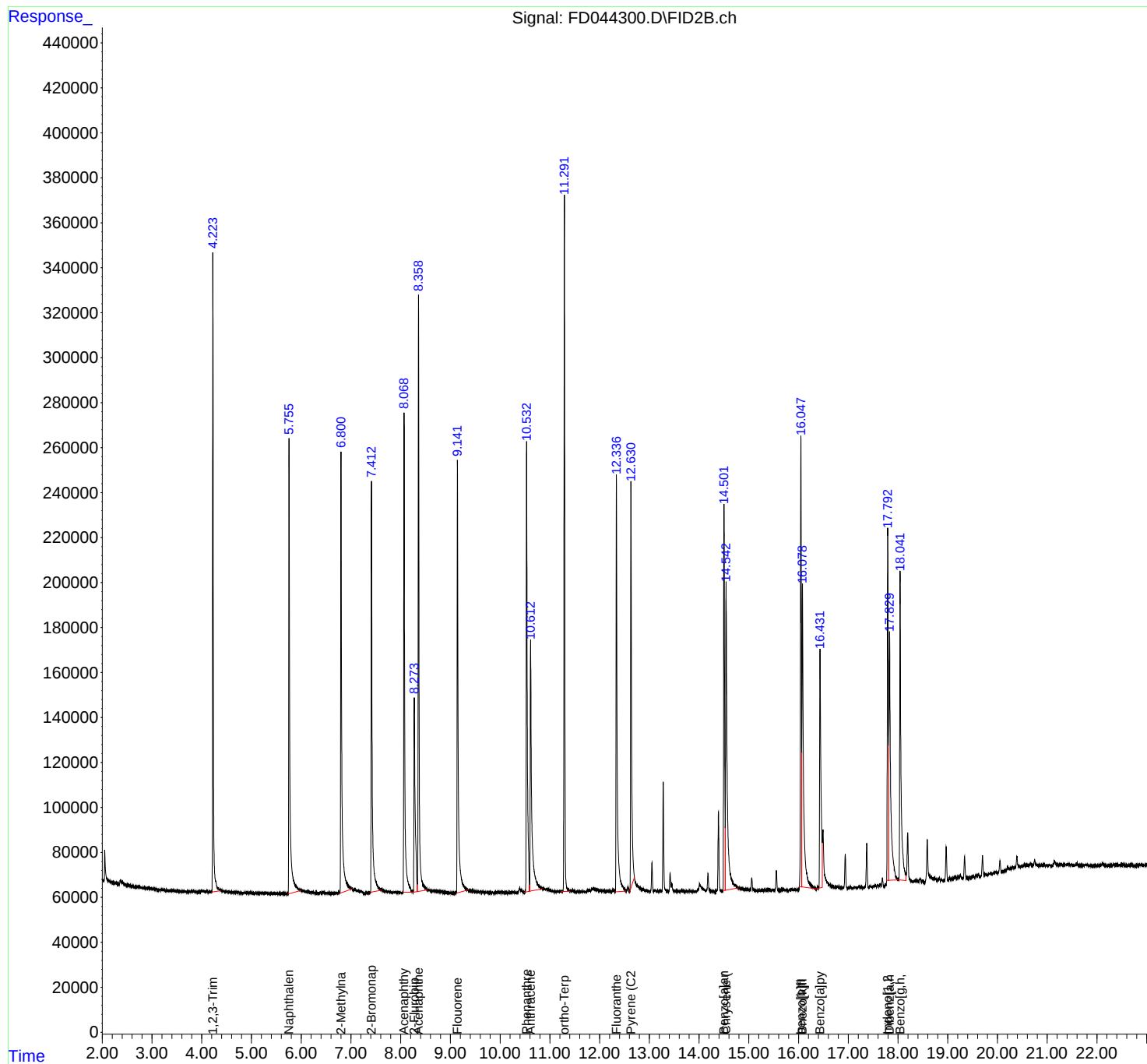
(m)=manual int.

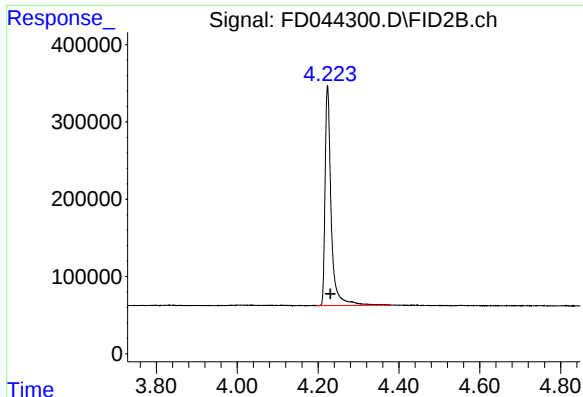
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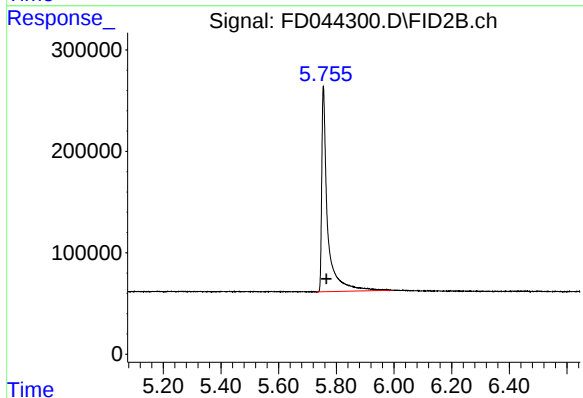




#1 1,2,3-Trimethylbenzene (C10.1)

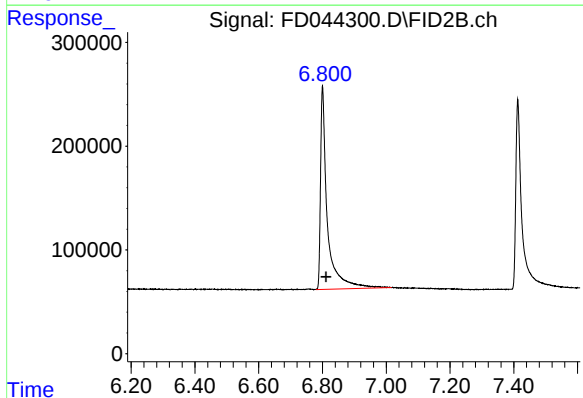
R.T.: 4.224 min
Delta R.T.: -0.007 min
Response: 2978730
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



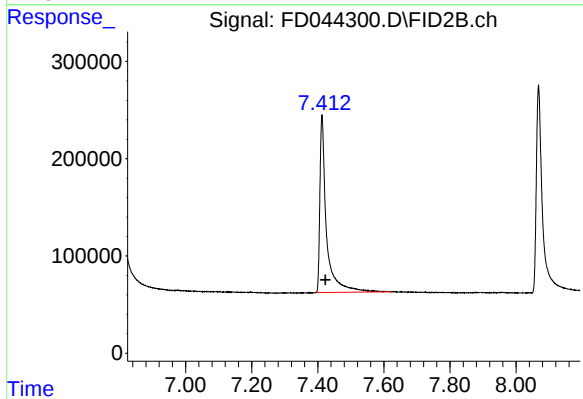
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.010 min
Response: 2883601
Conc: 21.03 ug/ml



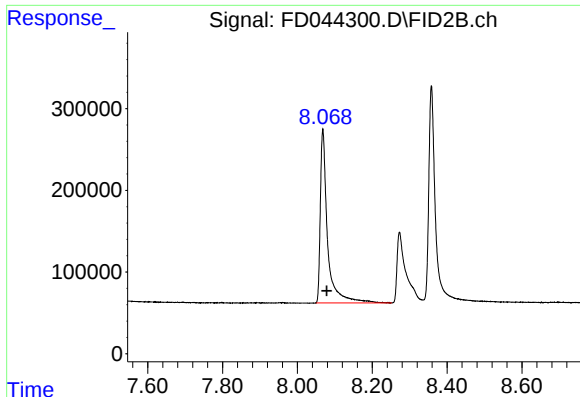
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.011 min
Response: 2911928
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

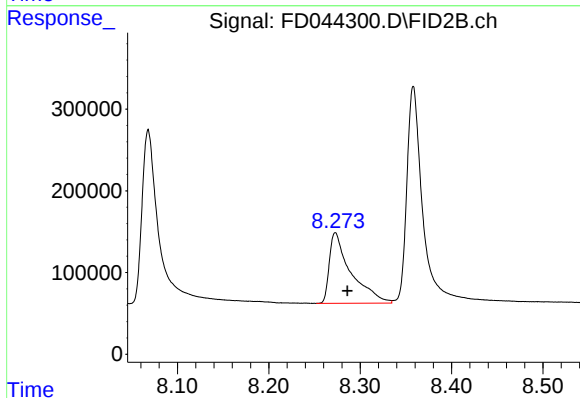
R.T.: 7.413 min
Delta R.T.: -0.010 min
Response: 2534774
Conc: 20.42 ug/ml



#5 Acenaphthylene (C15.06)

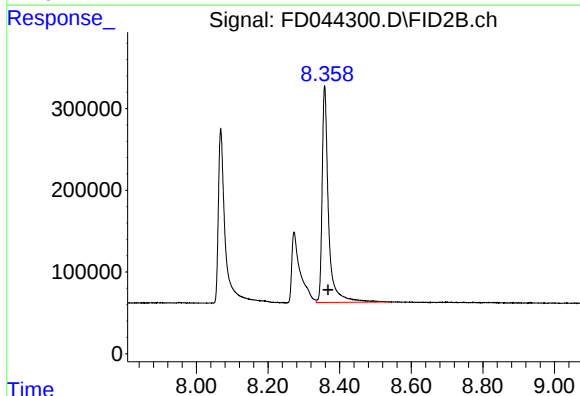
R.T.: 8.068 min
Delta R.T.: -0.010 min
Response: 2848943
Conc: 20.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



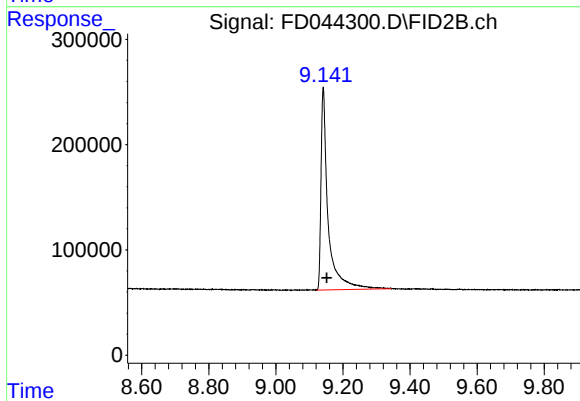
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.012 min
Response: 1421407
Conc: 18.88 ug/ml



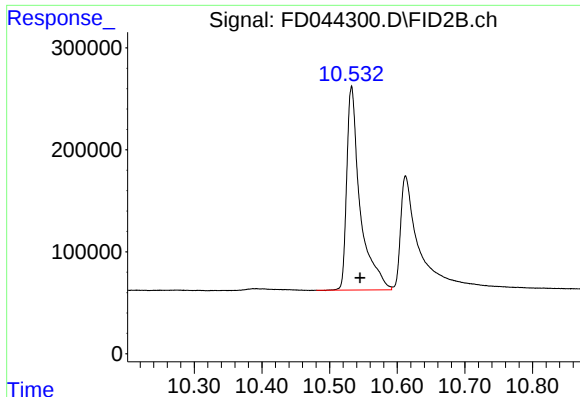
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.009 min
Response: 3314031
Conc: 21.31 ug/ml



#8 Flouorene (C16.55)

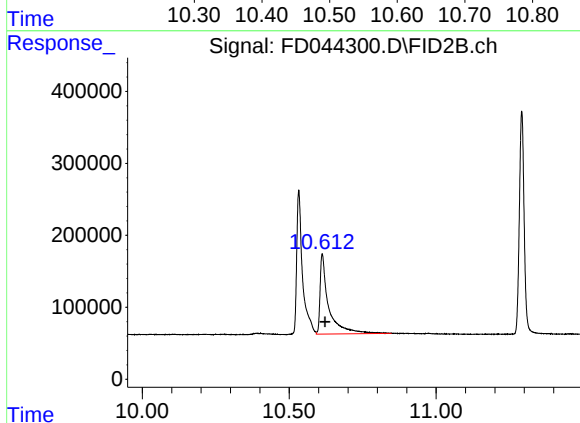
R.T.: 9.142 min
Delta R.T.: -0.010 min
Response: 2832719
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

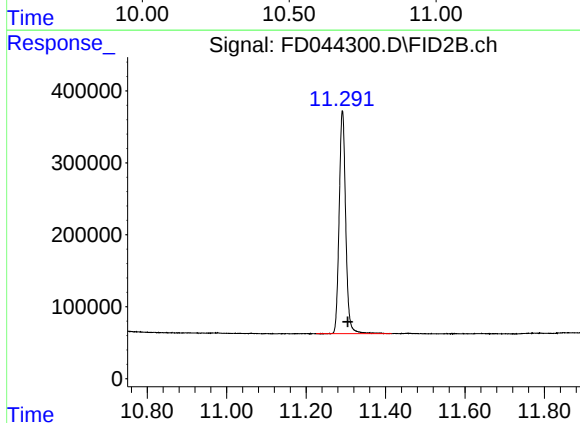
R.T.: 10.533 min
Delta R.T.: -0.012 min
Response: 2748873
Conc: 20.41 ug/ml

Instrument :
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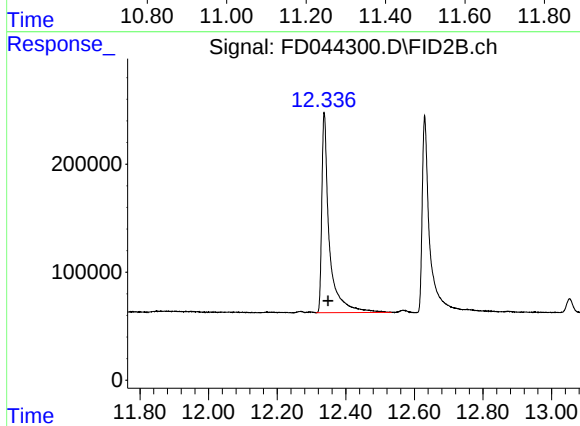
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.009 min
Response: 2265869
Conc: 16.86 ug/ml



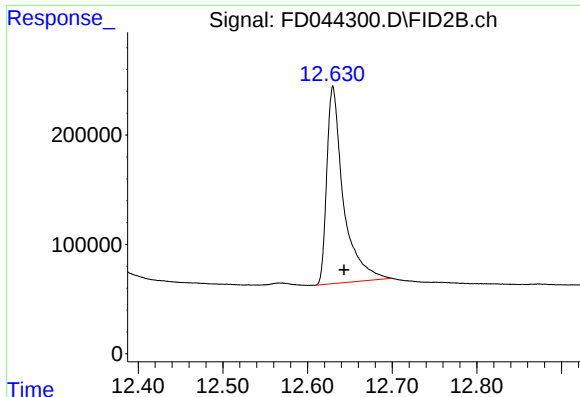
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.013 min
Response: 3540377
Conc: 20.92 ug/ml



#12 Fluoranthene (C21.85)

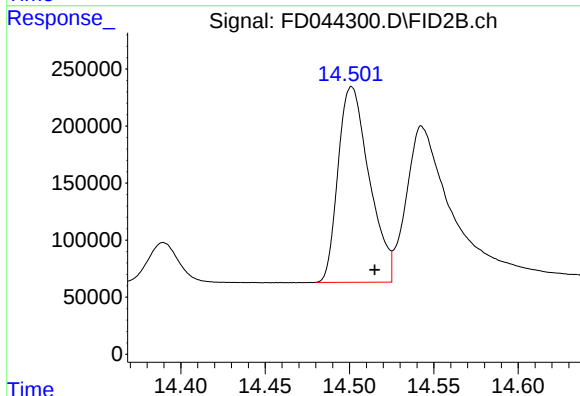
R.T.: 12.338 min
Delta R.T.: -0.011 min
Response: 2841856
Conc: 21.28 ug/ml



#13 Pyrene (C20.8)

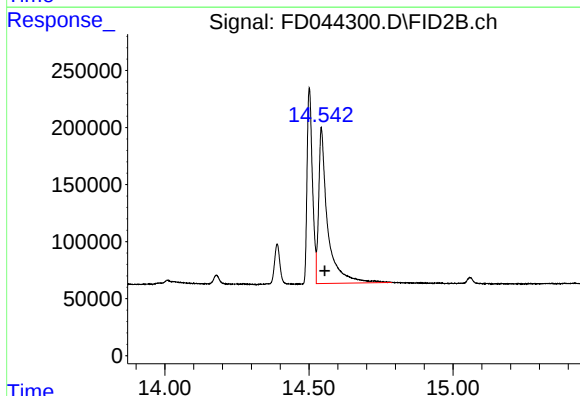
R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 2464801
Conc: 19.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



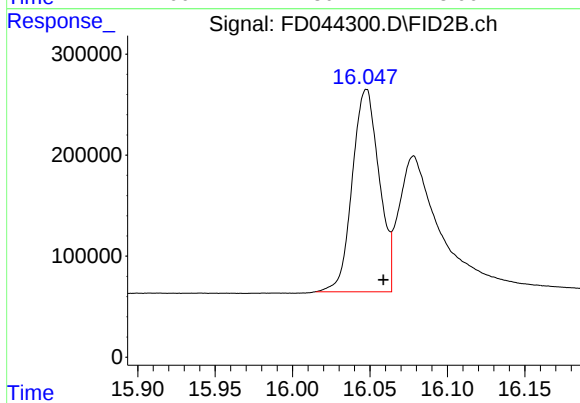
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.013 min
Response: 2200751
Conc: 20.72 ug/ml



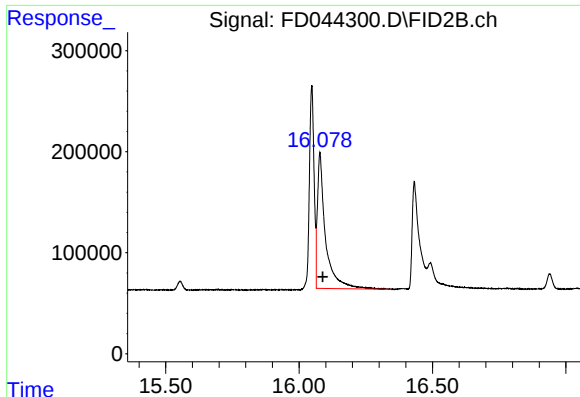
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.011 min
Response: 2984532
Conc: 22.77 ug/ml



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

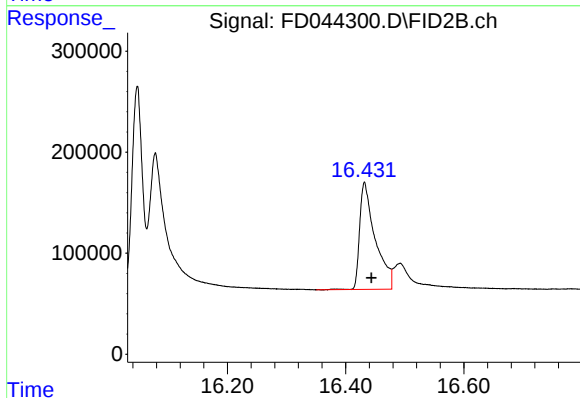
R.T.: 16.047 min
Delta R.T.: -0.011 min
Response: 2421900
Conc: 21.58 ug/ml



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

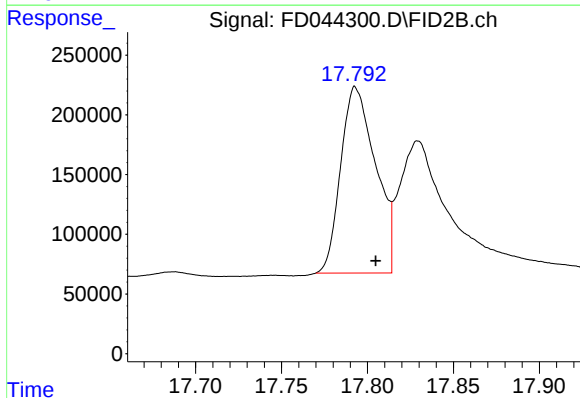
R.T.: 16.078 min
Delta R.T.: -0.011 min
Response: 2859321
Conc: 22.47 ug/ml

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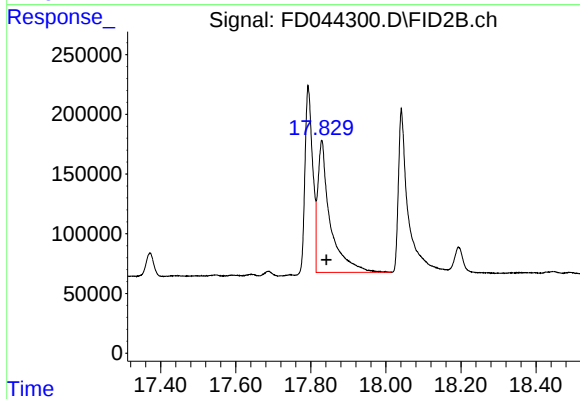
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.011 min
Response: 1932204
Conc: 16.63 ug/ml



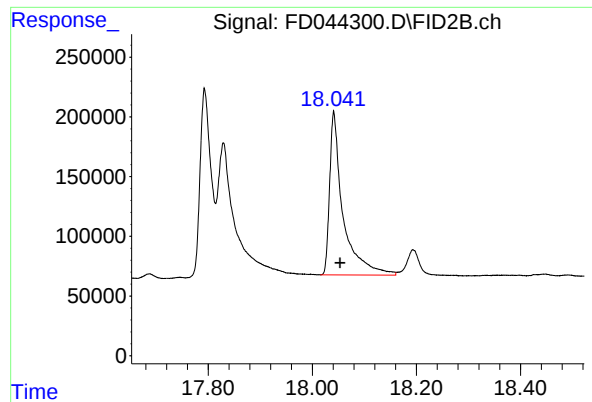
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.011 min
Response: 2198546
Conc: 20.62 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.012 min
Response: 2545102
Conc: 20.57 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.012 min
Response: 2441810
Conc: 20.80 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD