

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047644.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 10:47
 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: autoint1.e
 Quant Time: May 08 03:31:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.460	3226061	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
6) S 2-Fluorobiphenyl (SURR)	8.313	2178039	20.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.352	3812547	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3337118	20.640 ug/ml
2) T Naphthalene (C11.7)	5.799	3509617	20.742 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3551403	20.849 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3246720	19.908 ug/ml
7) T Acenaphthene (C15.5)	8.412	3500467	20.824 ug/ml
8) T Flouorene (C16.55)	9.190	3423234	20.579 ug/ml
9) T Phenanthrene (C19.36)	10.580	3376967	20.627 ug/ml
10) T Anthracene (C19.43)	10.654	2636119	17.599 ug/ml
12) T Fluoranthene (C21.85)	12.386	3432900	20.688 ug/ml
13) T Pyrene (C20.8)	12.680	3309092	20.337 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2932152	20.087 ug/ml
15) T Chrysene (C27.41)	14.591	3139062	19.920 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3066916	20.534 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	3165693	21.027 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	2875698	19.930 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	2774777	20.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	3152965	22.022 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2891752	21.062 ug/ml

(f)=RT Delta > 1/2 Window

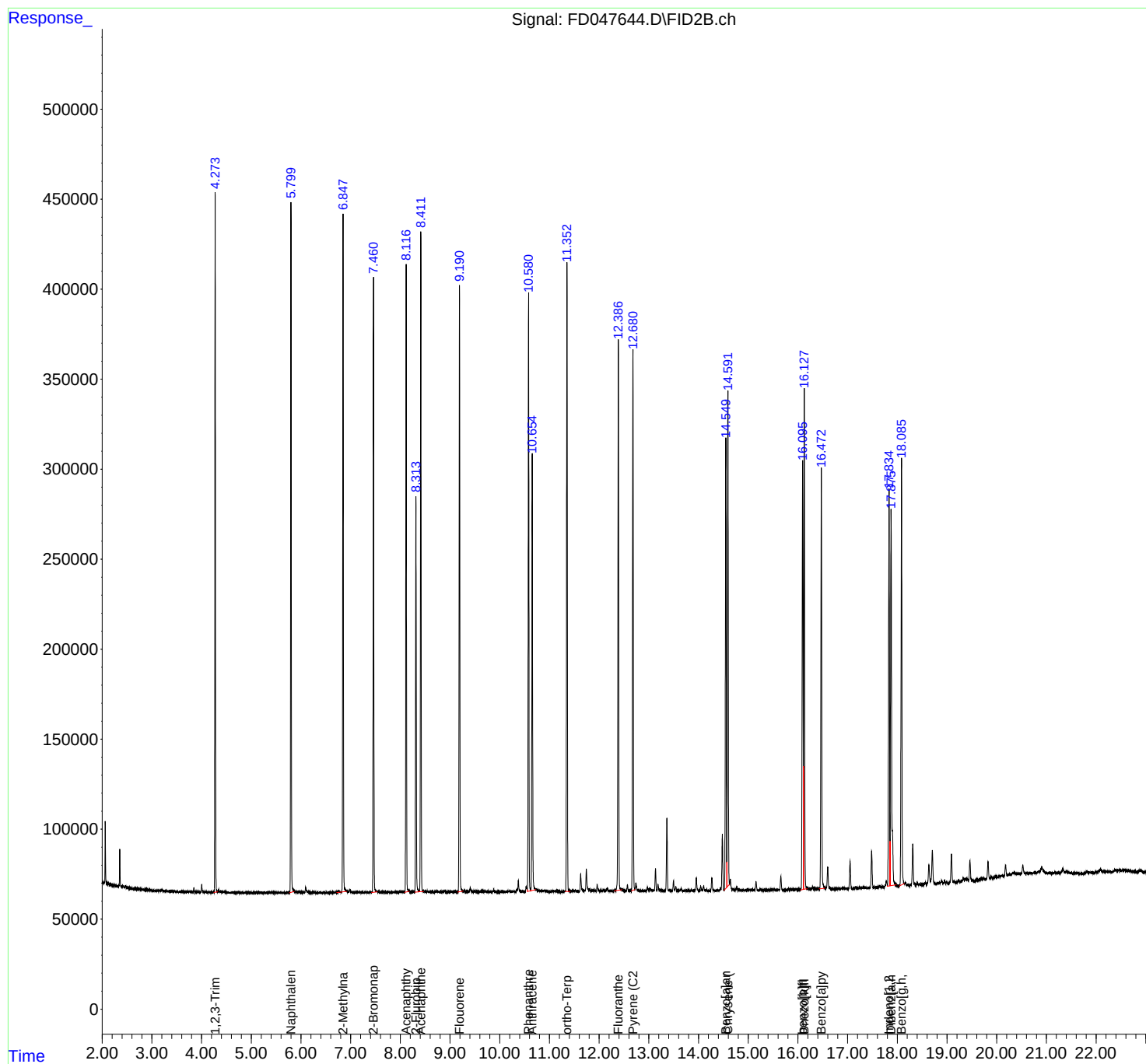
(m)=manual int.

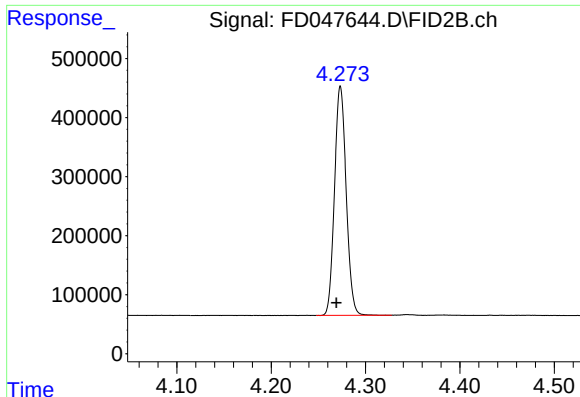
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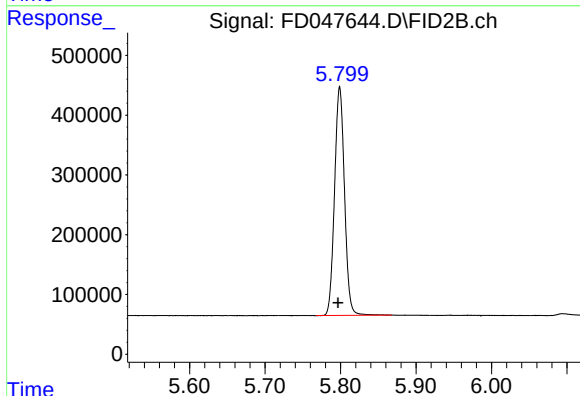




#1 1,2,3-Trimethylbenzene (C10.1)

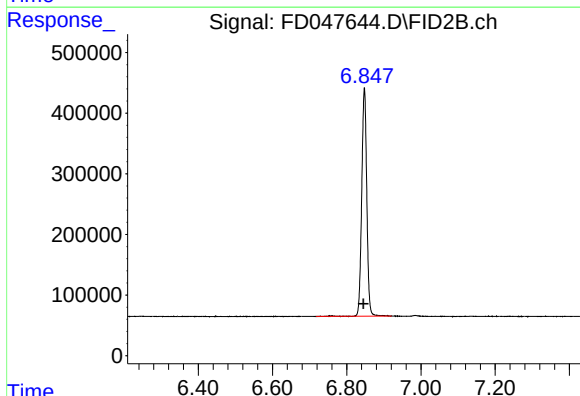
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 3337118
Conc: 20.64 ug/ml

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20 PPM AROMATIC HC STD



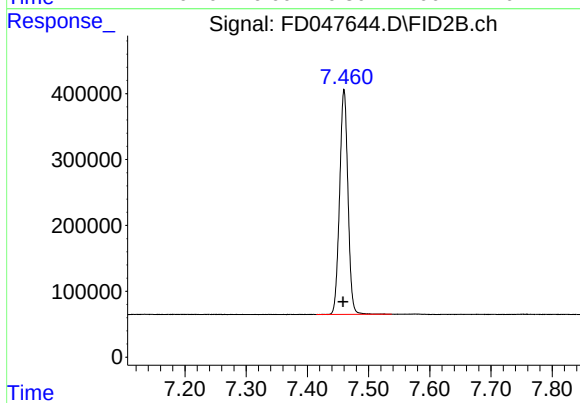
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3509617
Conc: 20.74 ug/ml



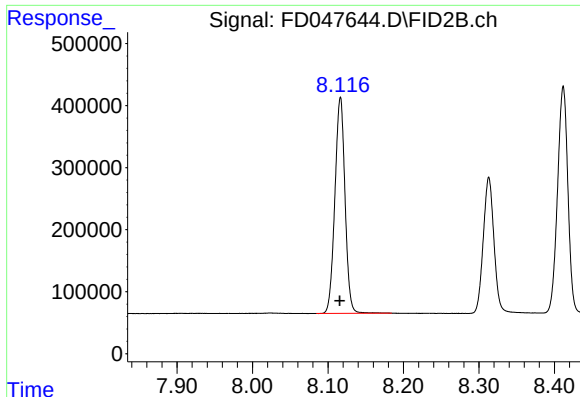
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 3551403
Conc: 20.85 ug/ml



#4 2-Bromonaphthalene (SURR)

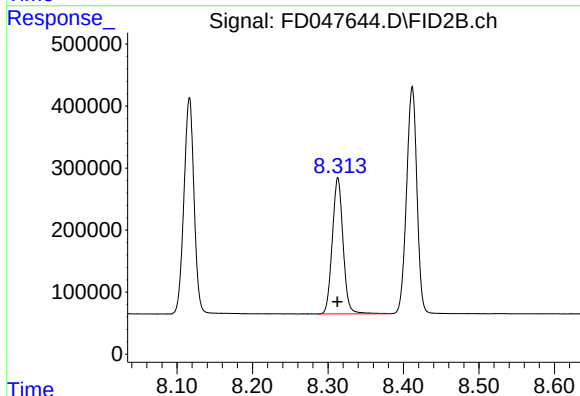
R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 3226061
Conc: 20.57 ug/ml



#5 Acenaphthylene (C15.06)

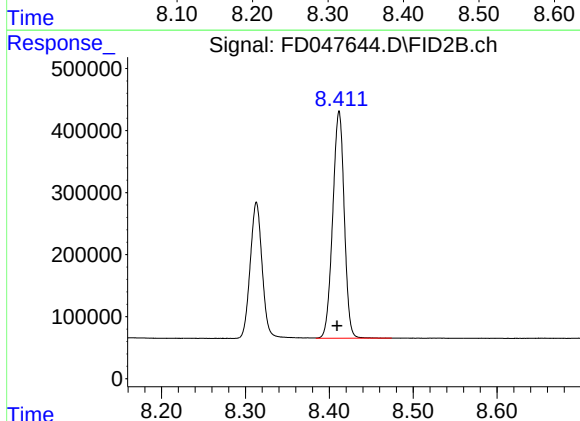
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3246720
Conc: 19.91 ug/ml

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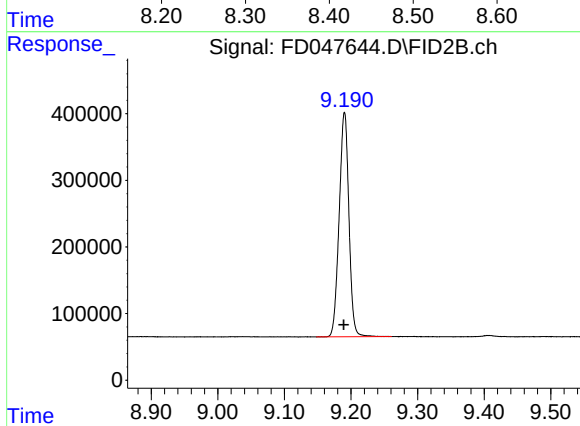
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2178039
Conc: 20.82 ug/ml



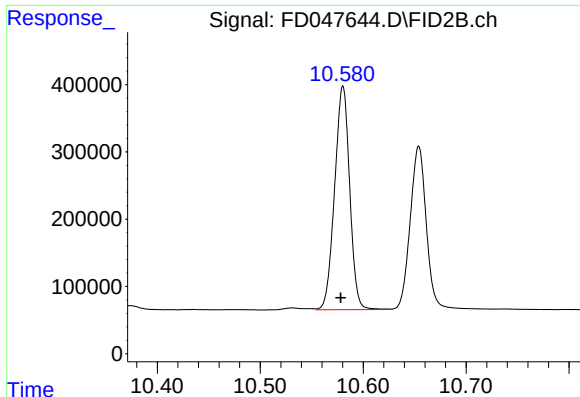
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 3500467
Conc: 20.82 ug/ml



#8 Flouorene (C16.55)

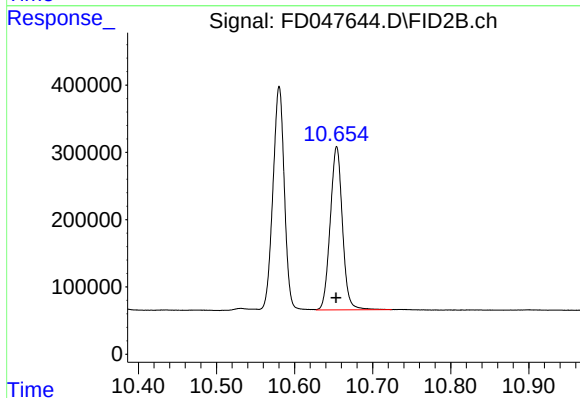
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 3423234
Conc: 20.58 ug/ml



#9 Phenanthrene (C19.36)

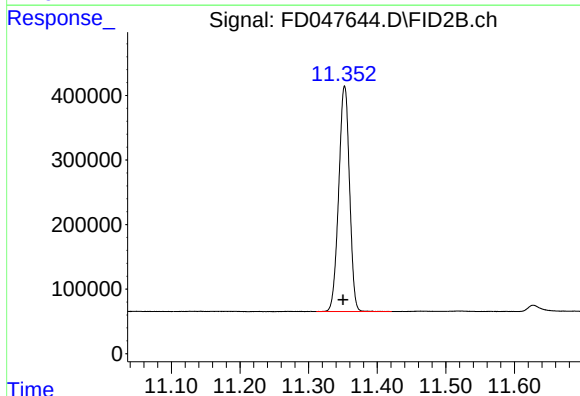
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 3376967
Conc: 20.63 ug/ml

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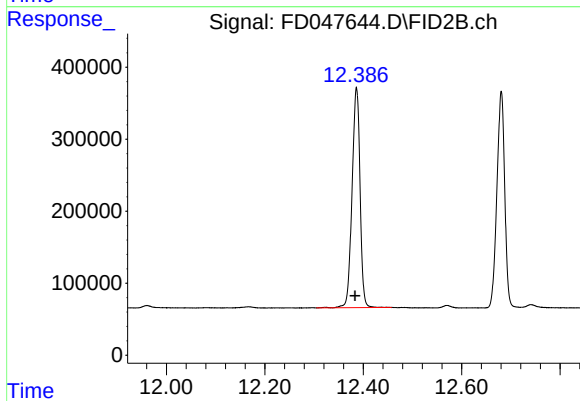
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2636119
Conc: 17.60 ug/ml



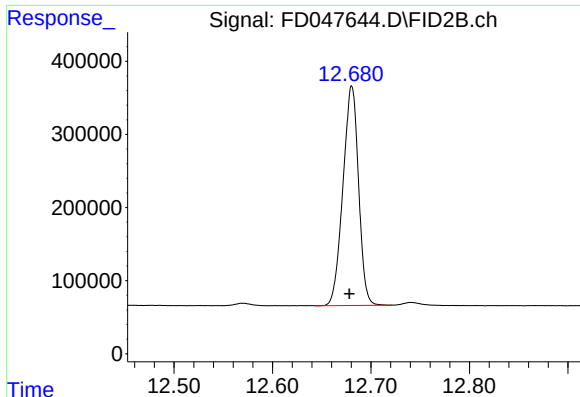
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 3812547
Conc: 20.33 ug/ml



#12 Fluoranthene (C21.85)

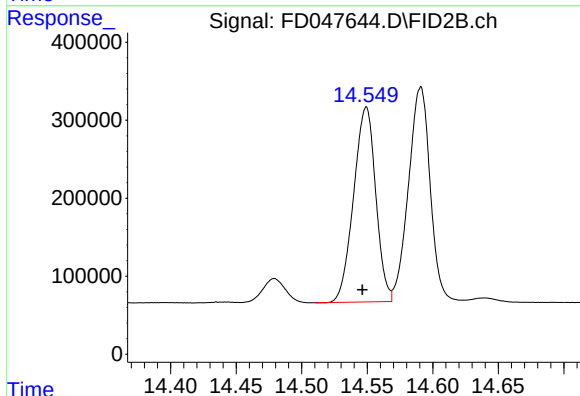
R.T.: 12.386 min
Delta R.T.: 0.003 min
Response: 3432900
Conc: 20.69 ug/ml



#13 Pyrene (C20.8)

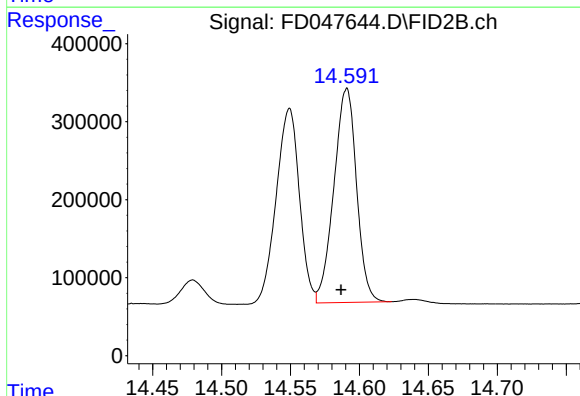
R.T.: 12.680 min
Delta R.T.: 0.002 min
Response: 3309092
Conc: 20.34 ug/ml

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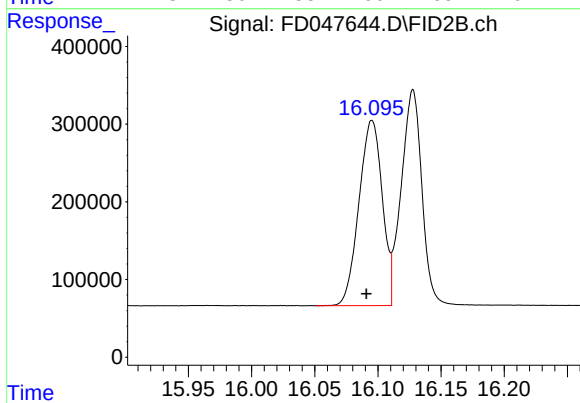
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.002 min
Response: 2932152
Conc: 20.09 ug/ml



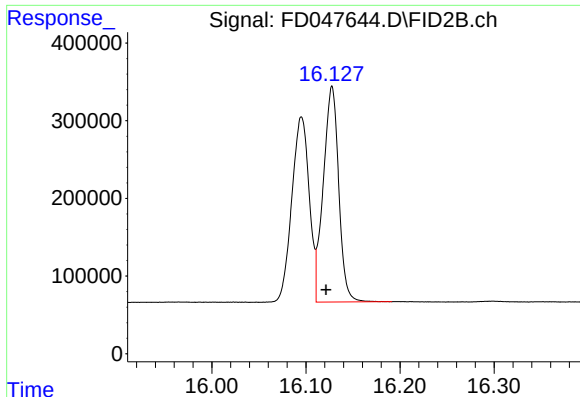
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.004 min
Response: 3139062
Conc: 19.92 ug/ml



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

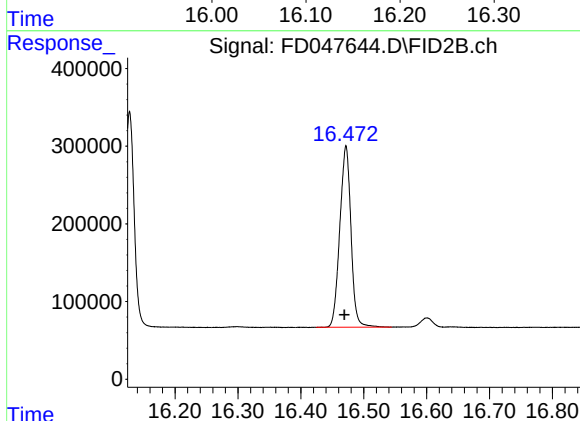
R.T.: 16.095 min
Delta R.T.: 0.004 min
Response: 3066916
Conc: 20.53 ug/ml



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

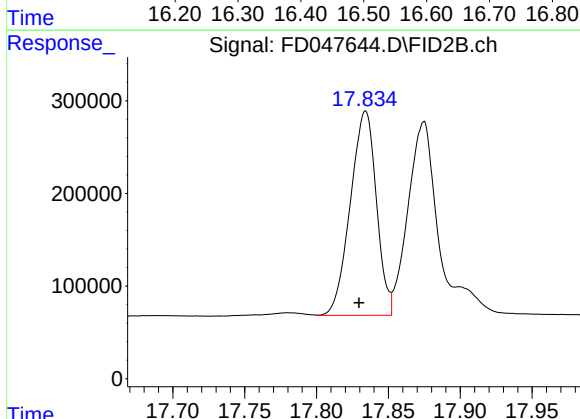
R.T.: 16.128 min
Delta R.T.: 0.006 min
Response: 3165693
Conc: 21.03 ug/ml

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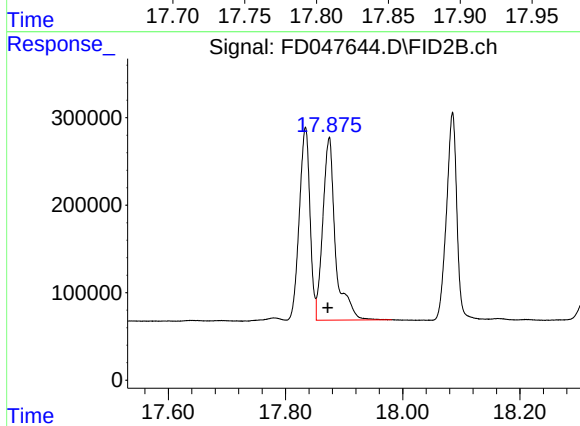
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.003 min
Response: 2875698
Conc: 19.93 ug/ml



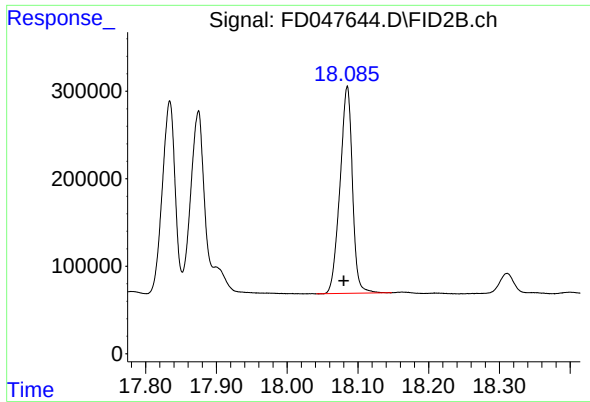
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.004 min
Response: 2774777
Conc: 20.44 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.002 min
Response: 3152965
Conc: 22.02 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.005 min
Response: 2891752
Conc: 21.06 ug/ml

Instrument :

FID_D

ClientSampleId :

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