

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048845.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 21:35
 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: Dec 07 03:13:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.361	3443281	19.558 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
6) S 2-Fluorobiphenyl (SURR)	8.211	2226791	19.335 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.67%
11) S ortho-Terphenyl (SURR)	11.246	3792271	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	3934416	20.876 ug/ml
2) T Naphthalene (C11.7)	5.702	4032189	20.617 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	4039194	21.136 ug/ml
5) T Acenaphthylene (C15.06)	8.013	3909373	20.159 ug/ml
7) T Acenaphthene (C15.5)	8.307	3982290	20.704 ug/ml
8) T Flouorene (C16.55)	9.086	3799744	19.806 ug/ml
9) T Phenanthrene (C19.36)	10.473	3684445	20.100 ug/ml
10) T Anthracene (C19.43)	10.549	3465368	18.505 ug/ml
12) T Fluoranthene (C21.85)	12.277	3560478	19.443 ug/ml
13) T Pyrene (C20.8)	12.570	3480279	19.250 ug/ml
14) T Benzo[a]anthracene (C...	14.440	3085392	18.756 ug/ml
15) T Chrysene (C27.41)	14.482	3338877	19.078 ug/ml
16) T benzo[b]fluoranthene ...	15.988	3024169	19.248 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	2953874	18.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2968063	19.907 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	2473320	20.022 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	3124670	19.926 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	2945018	20.640 ug/ml

(f)=RT Delta > 1/2 Window

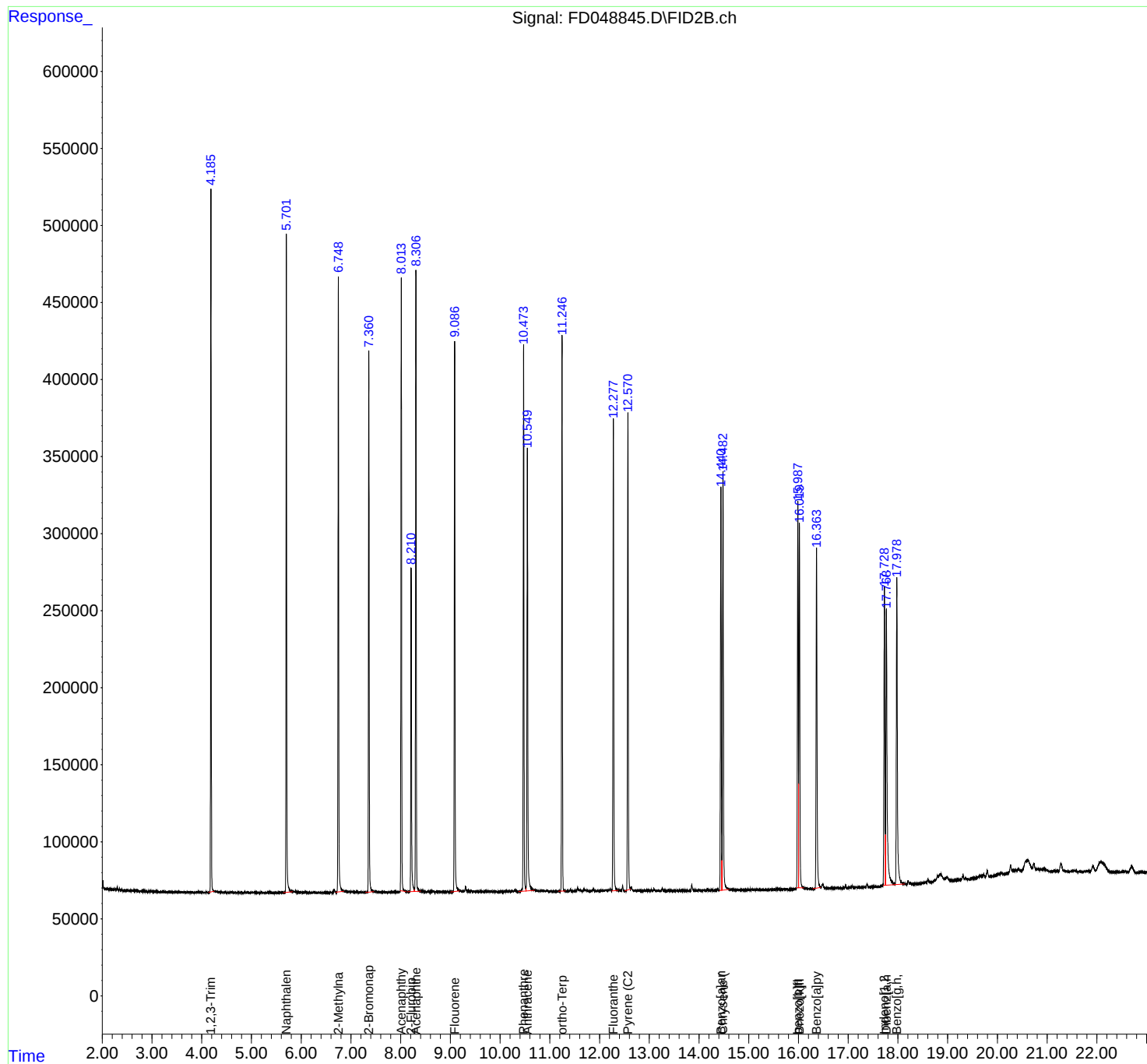
(m)=manual int.

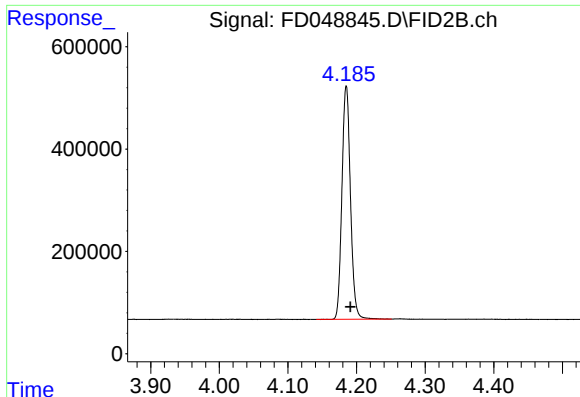
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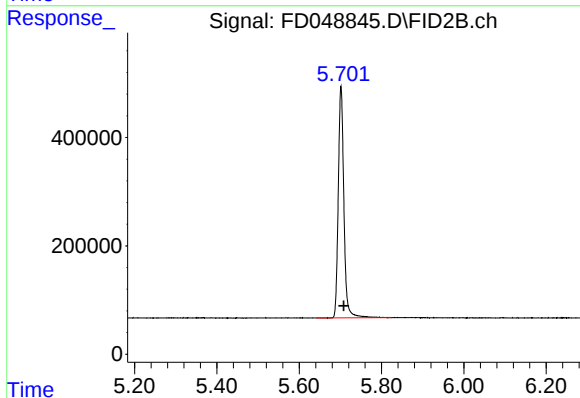




#1 1,2,3-Trimethylbenzene (C10.1)

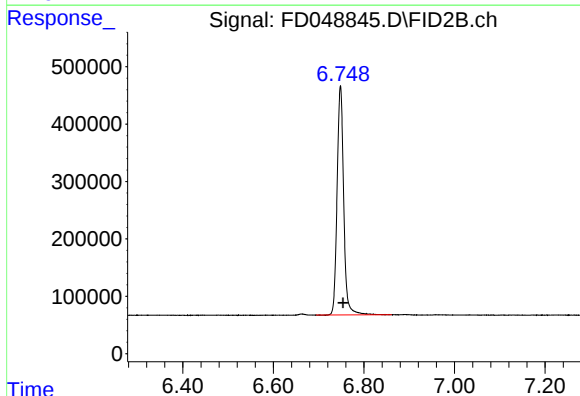
R.T.: 4.185 min
Delta R.T.: -0.006 min
Response: 3934416
Conc: 20.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



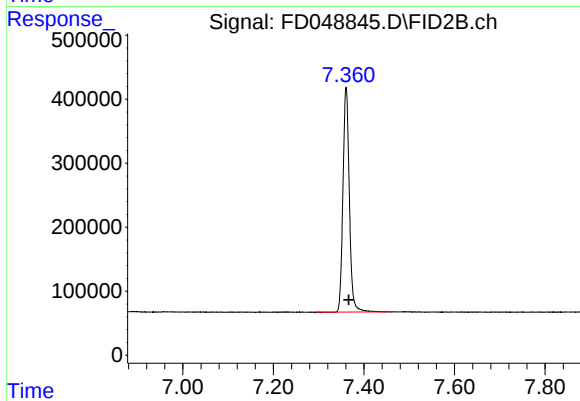
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 4032189
Conc: 20.62 ug/ml



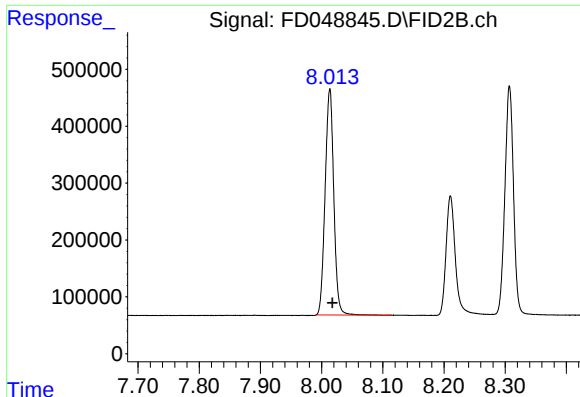
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 4039194
Conc: 21.14 ug/ml



#4 2-Bromonaphthalene (SURR)

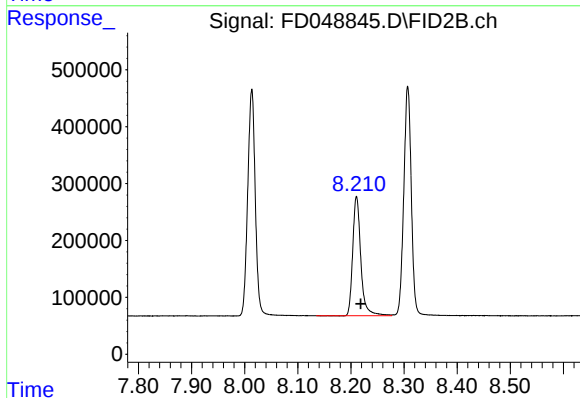
R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 3443281
Conc: 19.56 ug/ml



#5 Acenaphthylene (C15.06)

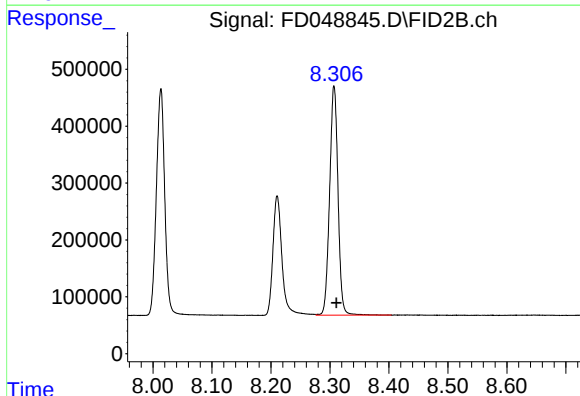
R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 3909373
Conc: 20.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



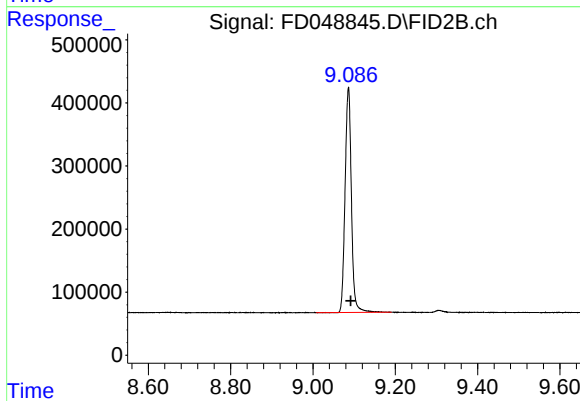
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.008 min
Response: 2226791
Conc: 19.33 ug/ml



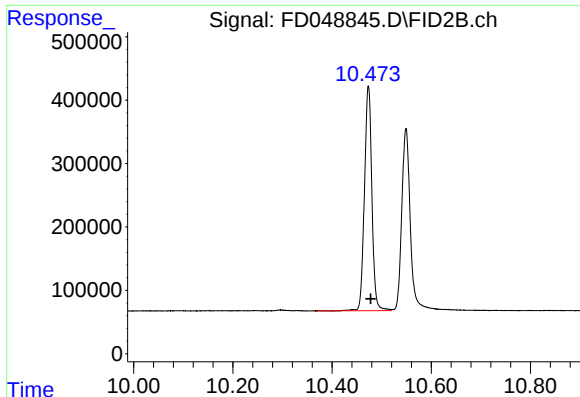
#7 Acenaphthene (C15.5)

R.T.: 8.307 min
Delta R.T.: -0.004 min
Response: 3982290
Conc: 20.70 ug/ml



#8 Fluorene (C16.55)

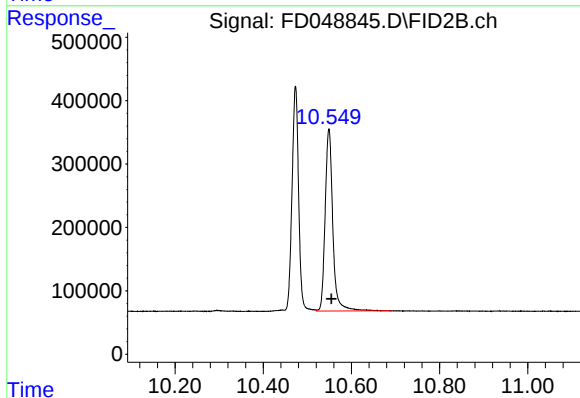
R.T.: 9.086 min
Delta R.T.: -0.005 min
Response: 3799744
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

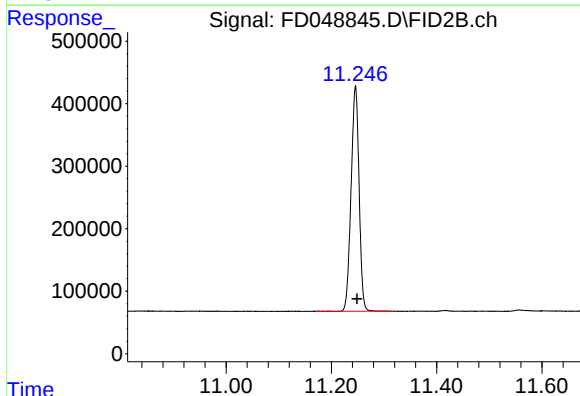
R.T.: 10.473 min
Delta R.T.: -0.005 min
Response: 3684445
Conc: 20.10 ug/ml

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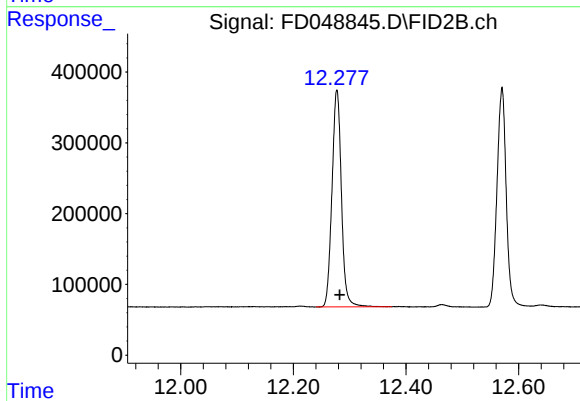
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: -0.006 min
Response: 3465368
Conc: 18.50 ug/ml



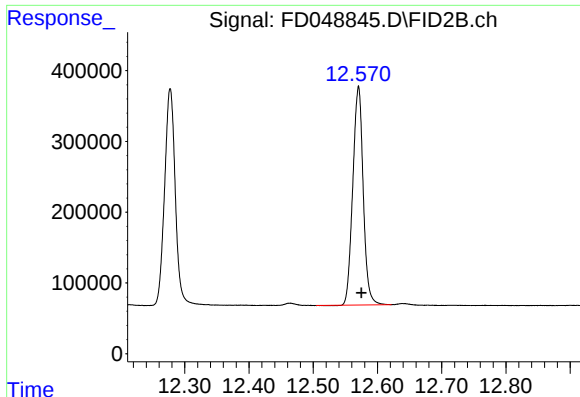
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.003 min
Response: 3792271
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

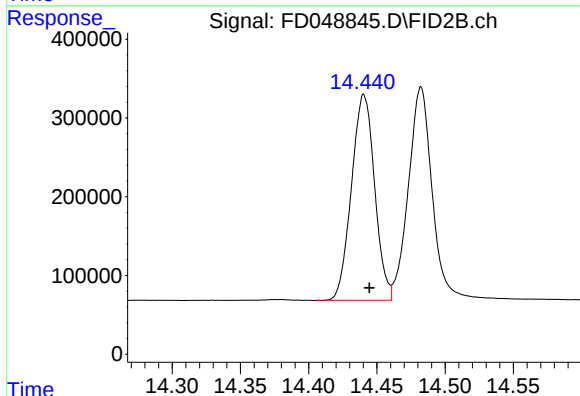
R.T.: 12.277 min
Delta R.T.: -0.005 min
Response: 3560478
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

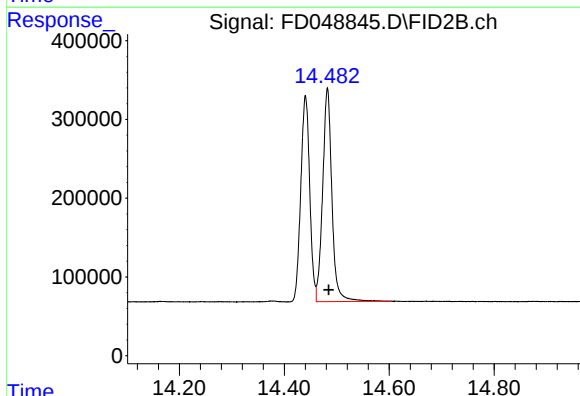
R.T.: 12.570 min
Delta R.T.: -0.005 min
Response: 3480279
Conc: 19.25 ug/ml

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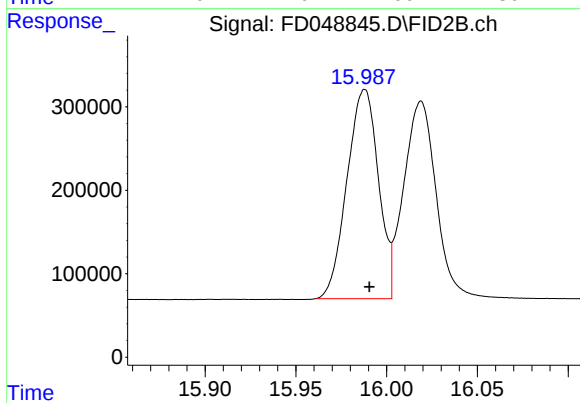
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: -0.004 min
Response: 3085392
Conc: 18.76 ug/ml



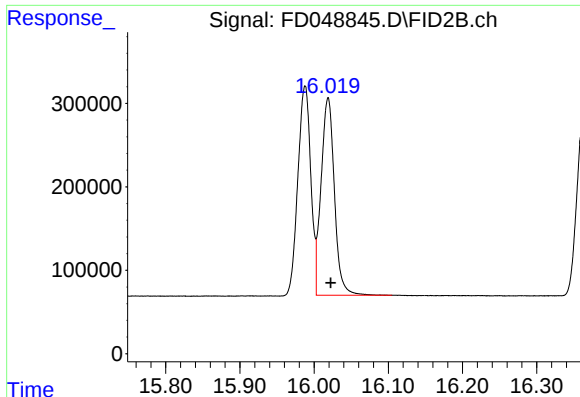
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.002 min
Response: 3338877
Conc: 19.08 ug/ml



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

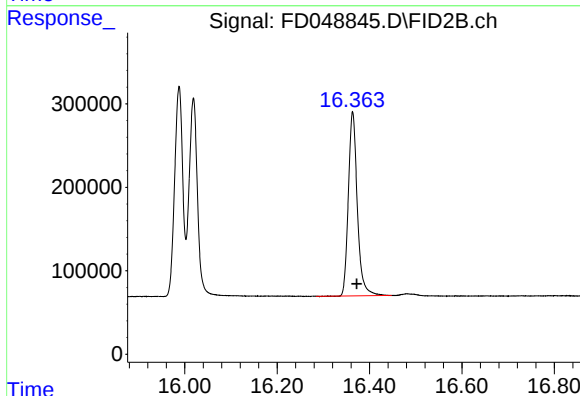
R.T.: 15.988 min
Delta R.T.: -0.003 min
Response: 3024169
Conc: 19.25 ug/ml



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

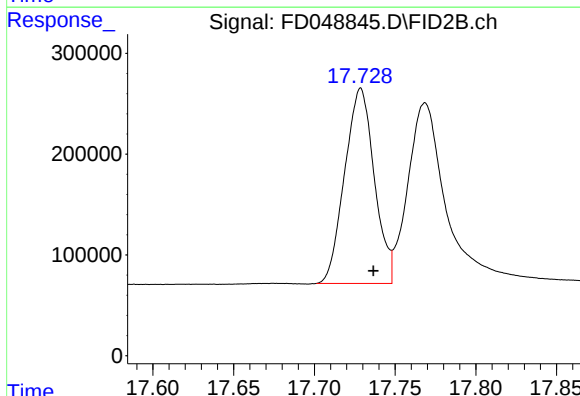
R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 2953874
Conc: 18.10 ug/ml

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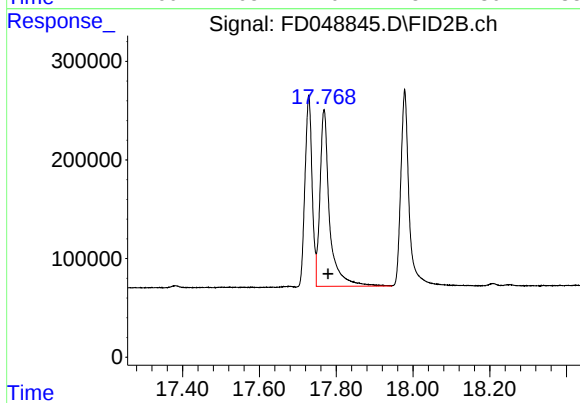
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.009 min
Response: 2968063
Conc: 19.91 ug/ml



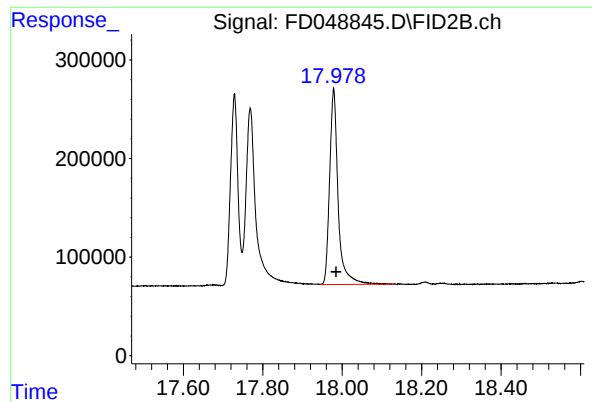
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: -0.008 min
Response: 2473320
Conc: 20.02 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.010 min
Response: 3124670
Conc: 19.93 ug/ml



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

R.T.: 17.978 min
Delta R.T.: -0.006 min
Response: 2945018
Conc: 20.64 ug/ml

Instrument :

FID_D

ClientSampleId :

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