

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048852.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 12:38
 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 10 06:16:09 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...	7.362	3393364	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.213	2181554	18.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.88%
11) S ortho-Terphenyl (SURR)	11.247	3588307	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3820563	20.272 ug/ml
2) T Naphthalene (C11.7)	5.702	3854782	19.710 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	3753989	19.644 ug/ml
5) T Acenaphthylene (C15.06)	8.014	3788107	19.534 ug/ml
7) T Acenaphthene (C15.5)	8.308	3738958	19.439 ug/ml
8) T Fluorene (C16.55)	9.087	3633396	18.938 ug/ml
9) T Phenanthrene (C19.36)	10.474	3404238	18.572 ug/ml
10) T Anthracene (C19.43)	10.550	3496424	18.671 ug/ml
12) T Fluoranthene (C21.85)	12.279	3341005	18.245 ug/ml
13) T Pyrene (C20.8)	12.572	3274751	18.113 ug/ml
14) T Benzo[a]anthracene (C...	14.441	2813307	17.102 ug/ml
15) T Chrysene (C27.41)	14.482	3132508	17.899 ug/ml
16) T benzo[b]fluoranthene ...	15.988	2794581	17.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	2973537	18.221 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	2724001	18.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2201206	17.819 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	2994241	19.094 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	2768011	19.399 ug/ml

(f)=RT Delta > 1/2 Window

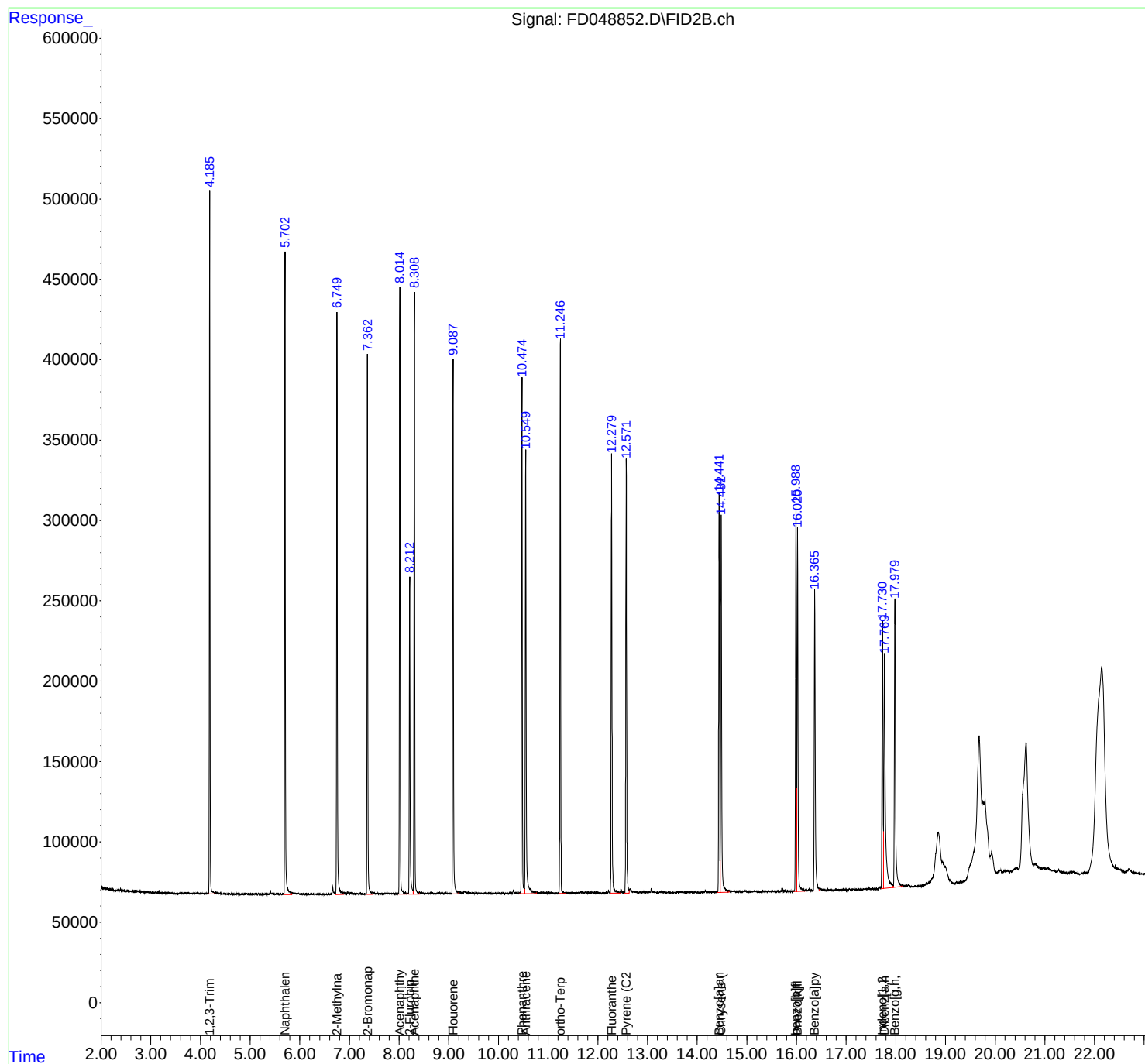
(m)=manual int.

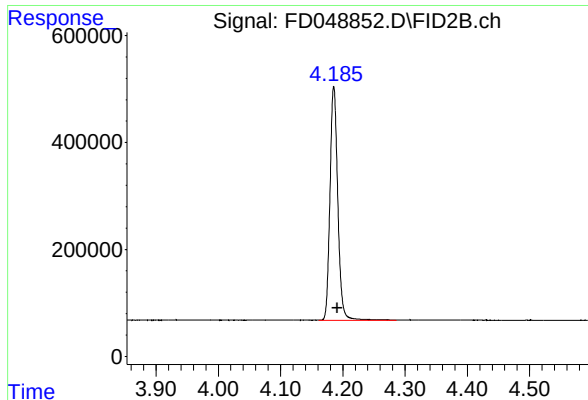
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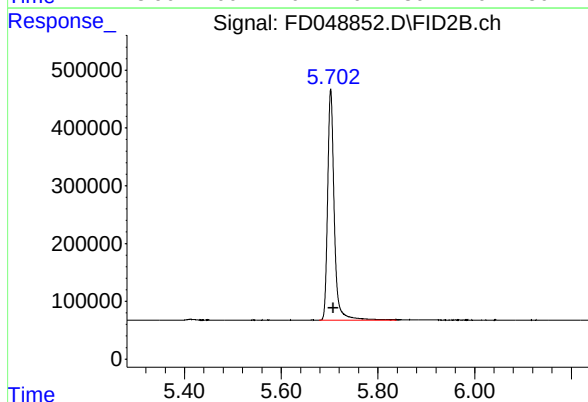




#1 1,2,3-Trimethylbenzene (C10.1)

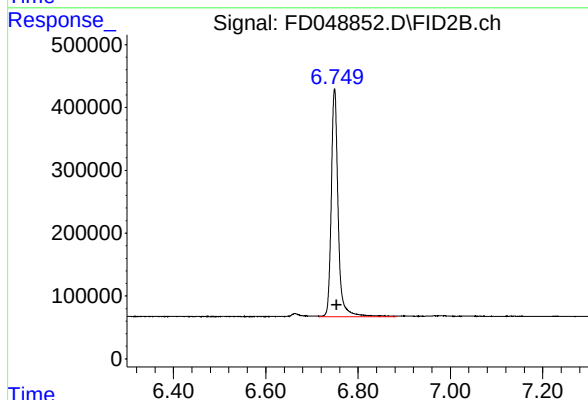
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 3820563
Conc: 20.27 ug/ml

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20 PPM AROMATIC HC STD



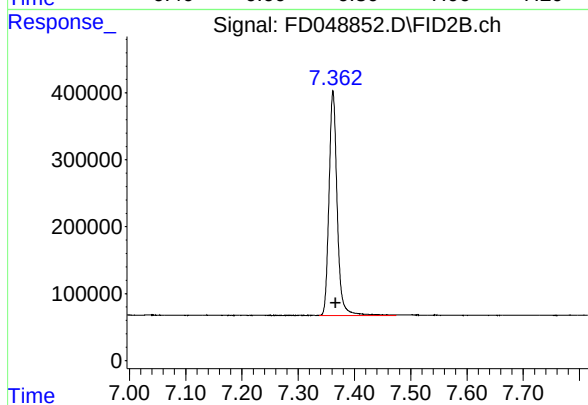
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 3854782
Conc: 19.71 ug/ml



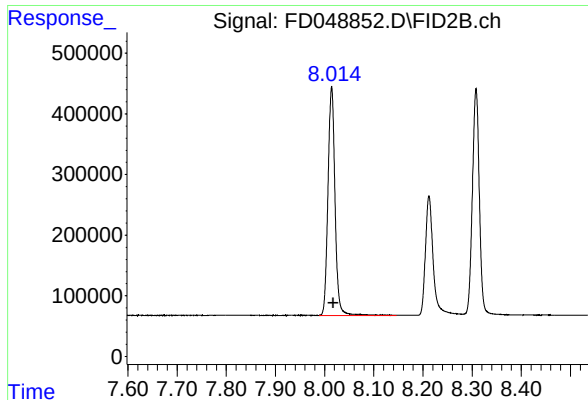
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 3753989
Conc: 19.64 ug/ml



#4 2-Bromonaphthalene (SURR)

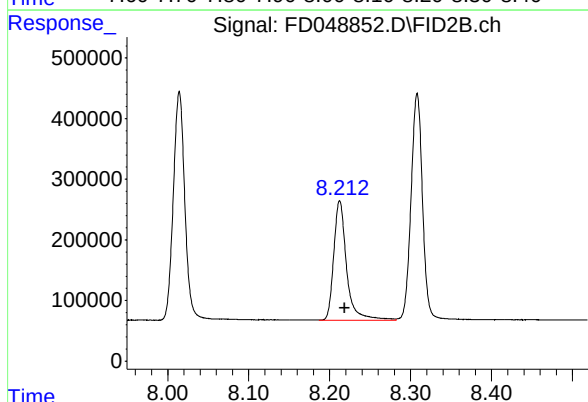
R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 3393364
Conc: 19.27 ug/ml



#5 Acenaphthylene (C15.06)

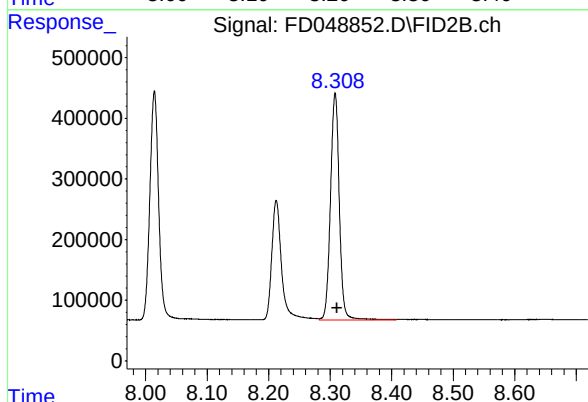
R.T.: 8.014 min
Delta R.T.: -0.003 min
Response: 3788107
Conc: 19.53 ug/ml

Instrument :
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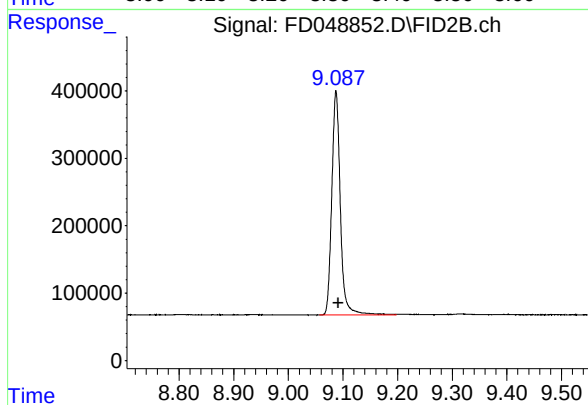
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 2181554
Conc: 18.94 ug/ml



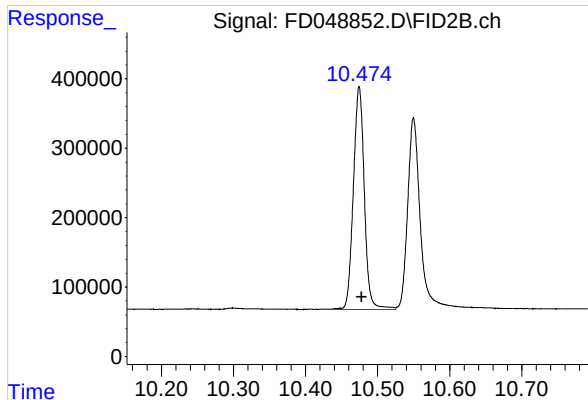
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: -0.003 min
Response: 3738958
Conc: 19.44 ug/ml



#8 Flouorene (C16.55)

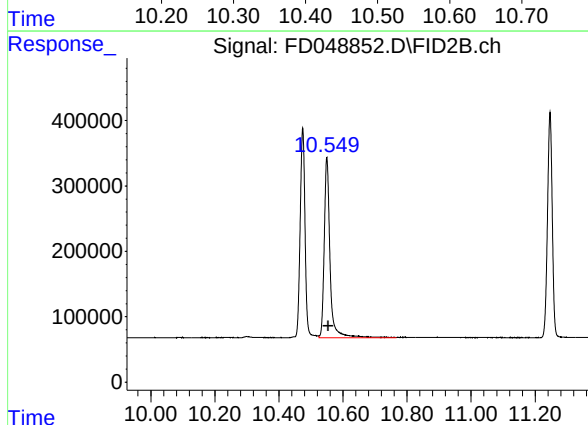
R.T.: 9.087 min
Delta R.T.: -0.004 min
Response: 3633396
Conc: 18.94 ug/ml



#9 Phenanthrene (C19.36)

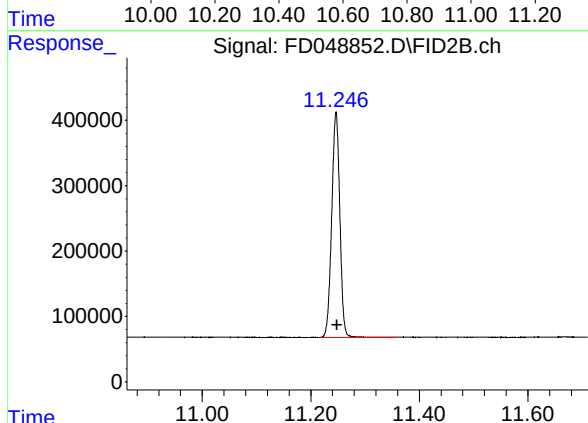
R.T.: 10.474 min
Delta R.T.: -0.004 min
Response: 3404238
Conc: 18.57 ug/ml

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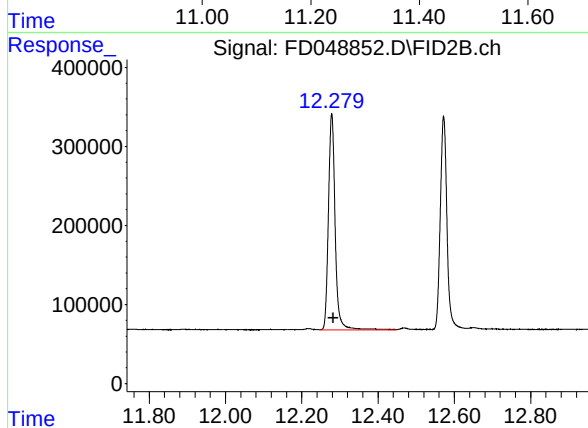
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: -0.005 min
Response: 3496424
Conc: 18.67 ug/ml



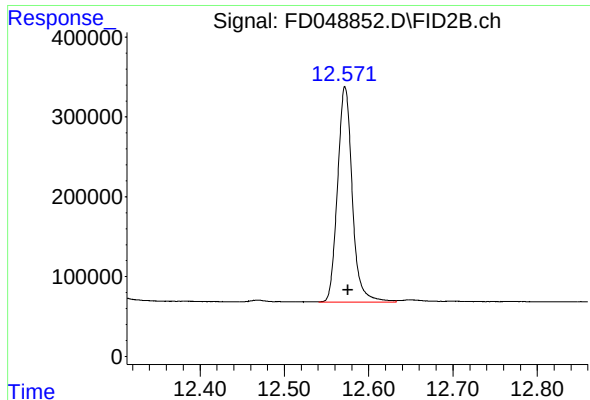
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: -0.002 min
Response: 3588307
Conc: 18.66 ug/ml



#12 Fluoranthene (C21.85)

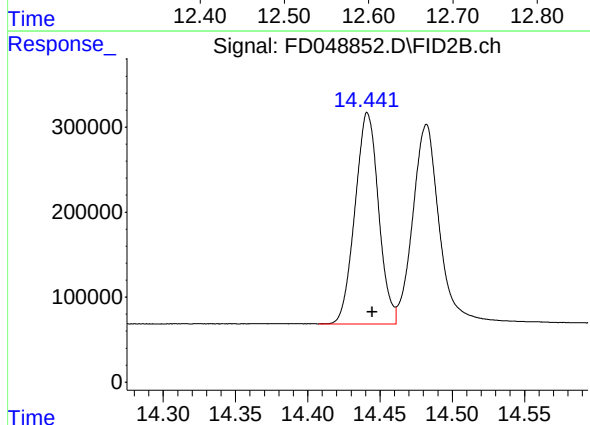
R.T.: 12.279 min
Delta R.T.: -0.004 min
Response: 3341005
Conc: 18.24 ug/ml



#13 Pyrene (C20.8)

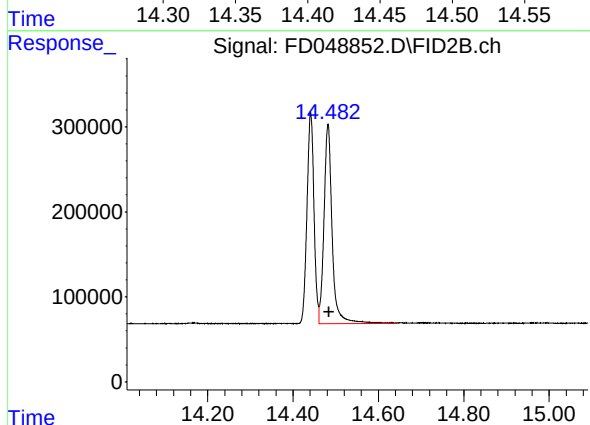
R.T.: 12.572 min
Delta R.T.: -0.003 min
Response: 3274751
Conc: 18.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



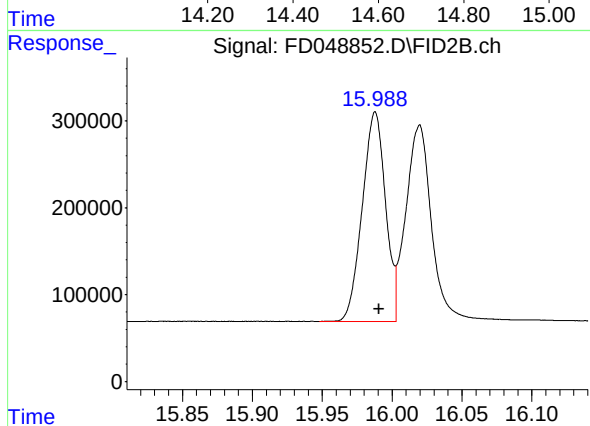
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: -0.003 min
Response: 2813307
Conc: 17.10 ug/ml



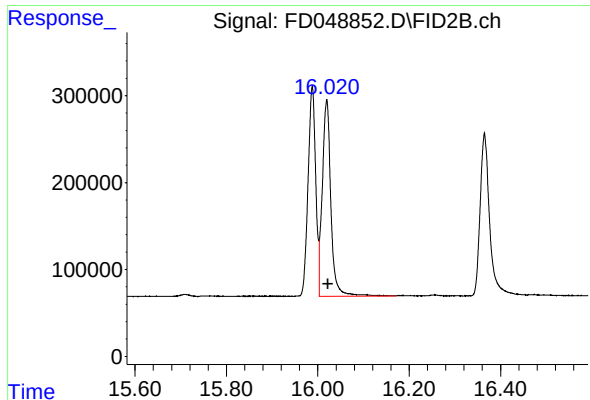
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.003 min
Response: 3132508
Conc: 17.90 ug/ml



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

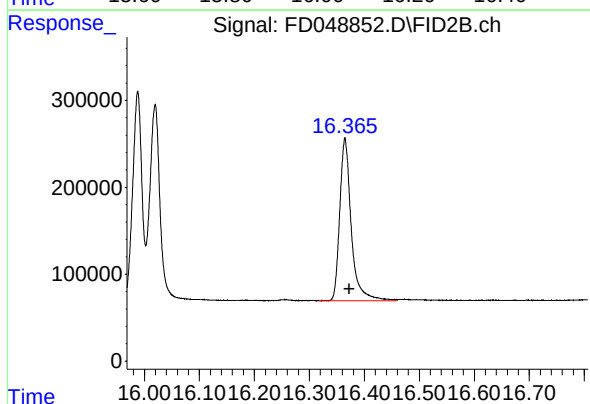
R.T.: 15.988 min
Delta R.T.: -0.003 min
Response: 2794581
Conc: 17.79 ug/ml



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

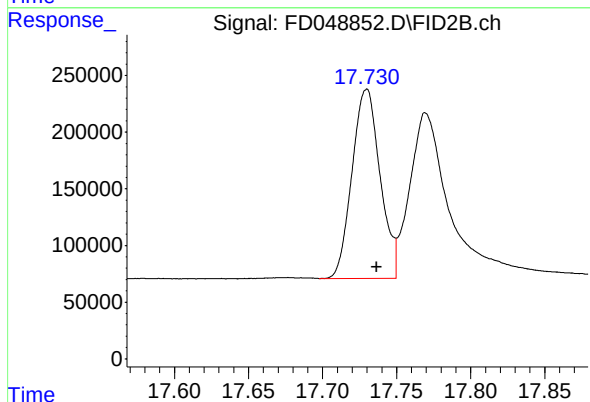
R.T.: 16.019 min
Delta R.T.: -0.003 min
Response: 2973537
Conc: 18.22 ug/ml

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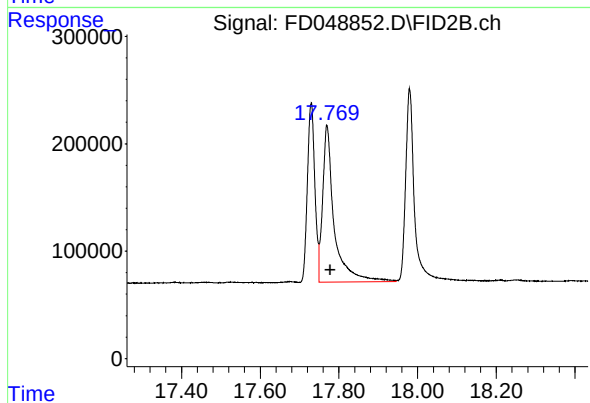
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.008 min
Response: 2724001
Conc: 18.27 ug/ml



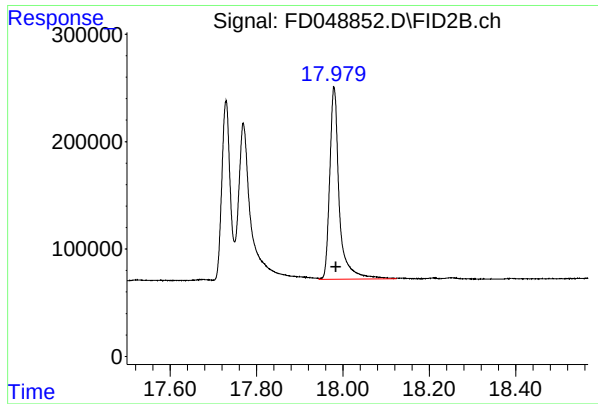
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.007 min
Response: 2201206
Conc: 17.82 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.009 min
Response: 2994241
Conc: 19.09 ug/ml



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

R.T.: 17.980 min

Delta R.T.: -0.004 min

Response: 2768011

Conc: 19.40 ug/ml

Instrument :

FID_D

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