

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049120.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 13:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 01:27:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.353	2797961	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.205	1681726	19.130 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.26%
11) S ortho-Terphenyl (SURR)	11.234	3233823	19.990 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3104083	19.491 ug/ml
2) T Naphthalene (C11.7)	5.694	3125342	19.683 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3098648	19.902 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3151413	19.381 ug/ml
7) T Acenaphthene (C15.5)	8.297	3264584	19.844 ug/ml
8) T Fluorene (C16.55)	9.078	3082178	19.551 ug/ml
9) T Phenanthrene (C19.36)	10.464	3019229	20.035 ug/ml
10) T Anthracene (C19.43)	10.543	2633827	17.439 ug/ml
12) T Fluoranthene (C21.85)	12.268	3086798	20.003 ug/ml
13) T Pyrene (C20.8)	12.560	3020840	19.608 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2581314	19.646 ug/ml
15) T Chrysene (C27.41)	14.472	3225972	19.952 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2759362	20.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3129958	19.817 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	2619384	19.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	1884461	17.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	3072254	19.803 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	2738520	18.893 ug/ml

(f)=RT Delta > 1/2 Window

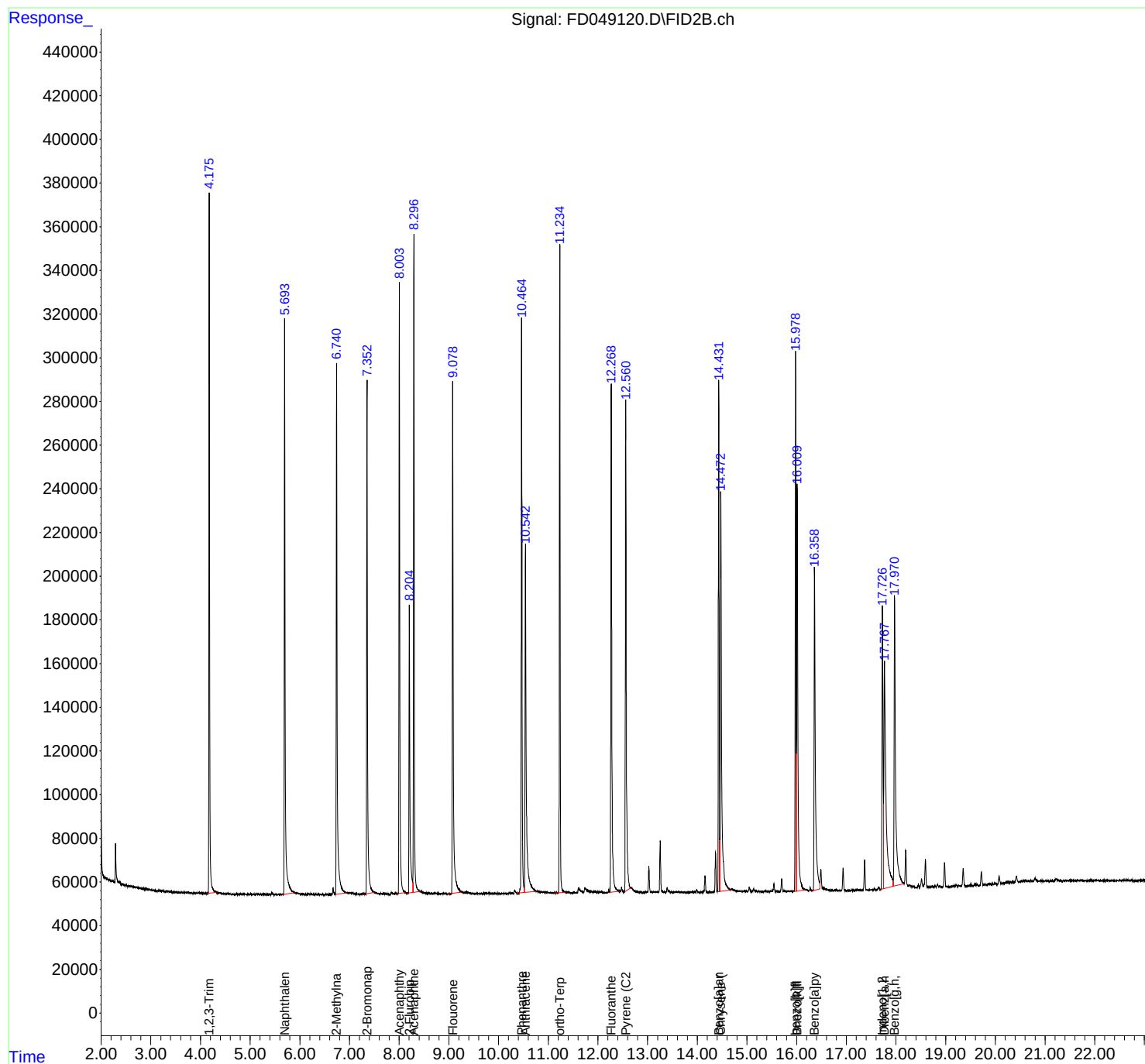
(m)=manual int.

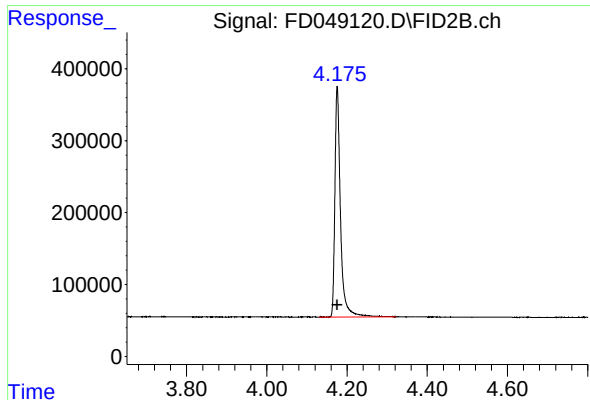
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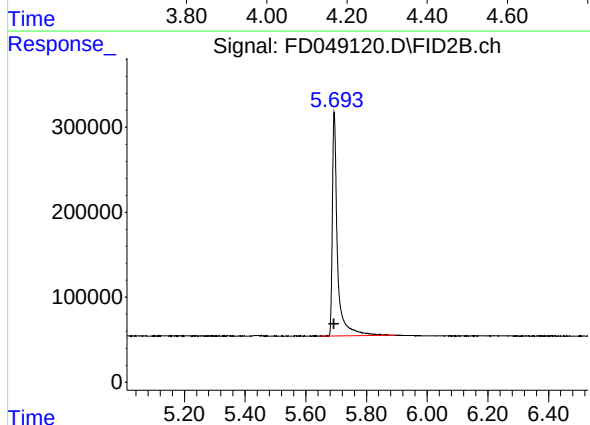




#1 1,2,3-Trimethylbenzene (C10.1)

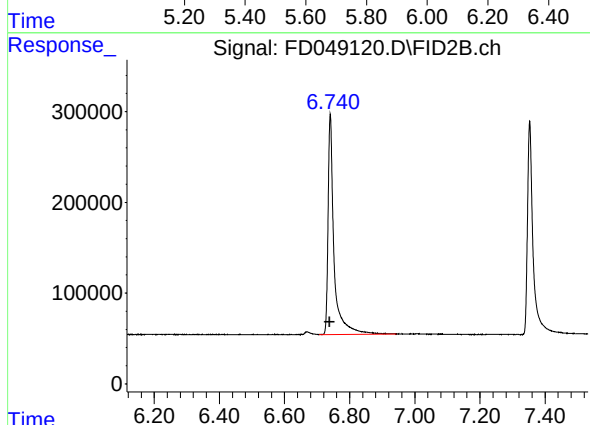
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3104083
Conc: 19.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



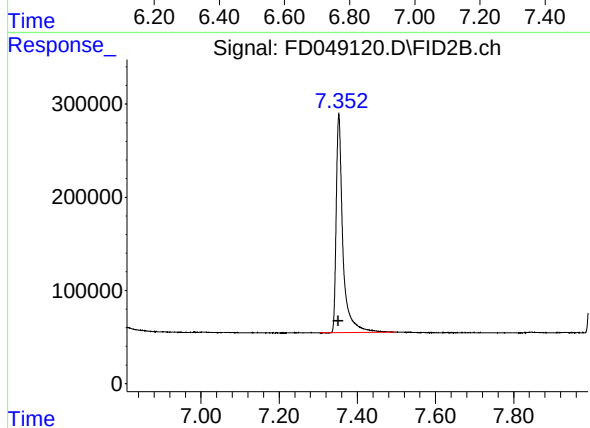
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3125342
Conc: 19.68 ug/ml



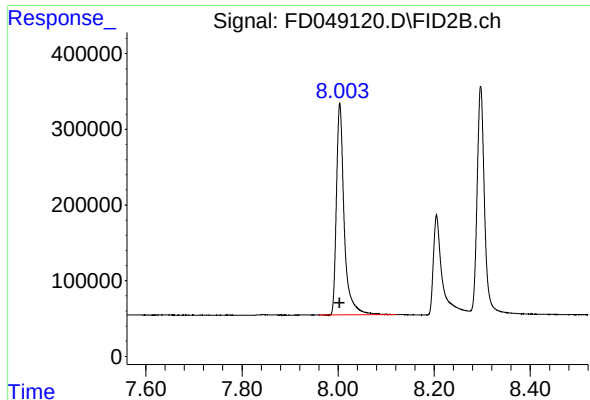
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3098648
Conc: 19.90 ug/ml



#4 2-Bromonaphthalene (SURR)

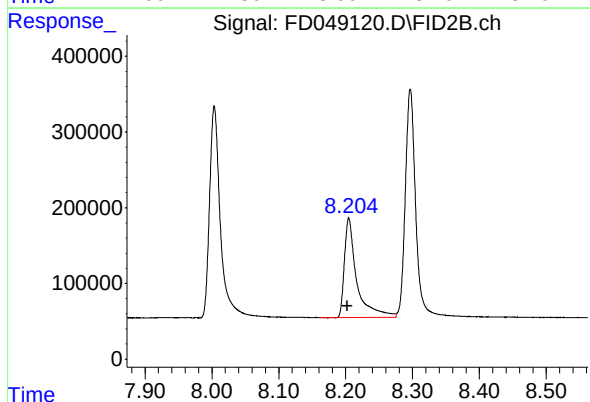
R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 2797961
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

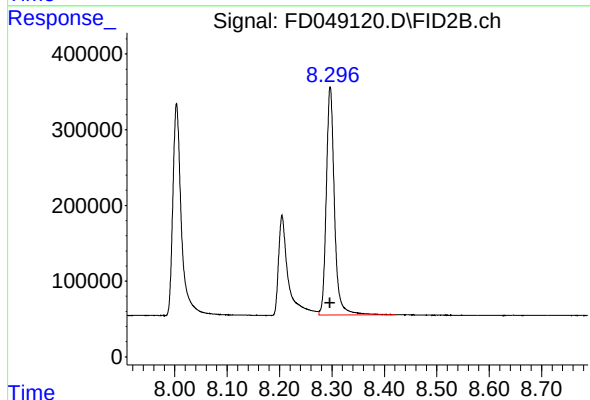
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 3151413
Conc: 19.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



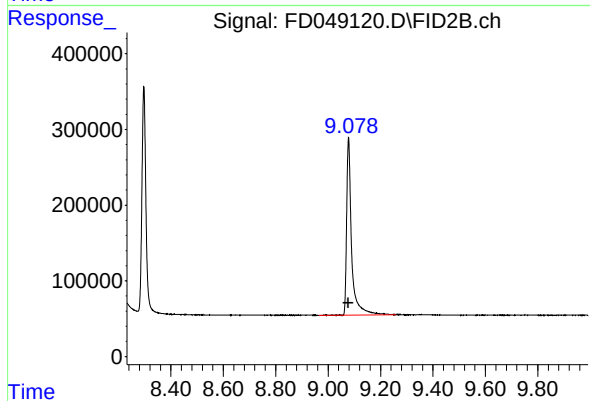
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.003 min
Response: 1681726
Conc: 19.13 ug/ml



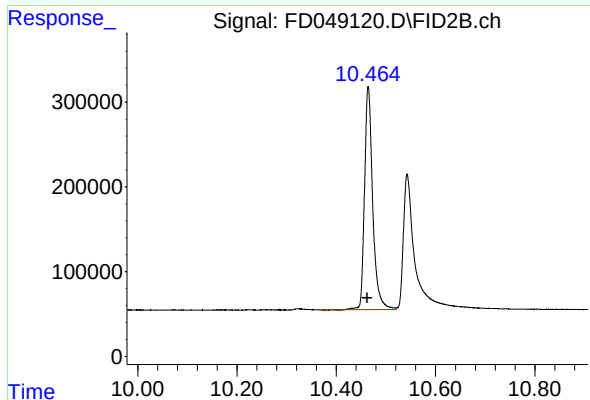
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 3264584
Conc: 19.84 ug/ml



#8 Flouorene (C16.55)

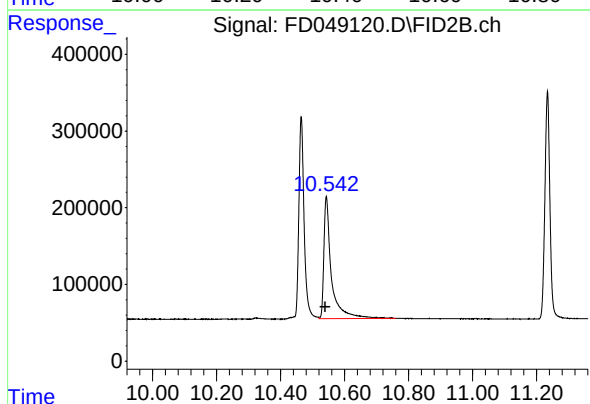
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 3082178
Conc: 19.55 ug/ml



#9 Phenanthrene (C19.36)

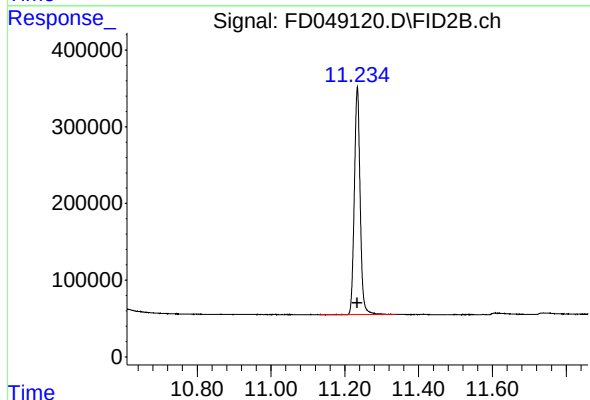
R.T.: 10.464 min
Delta R.T.: 0.002 min
Response: 3019229
Conc: 20.03 ug/ml

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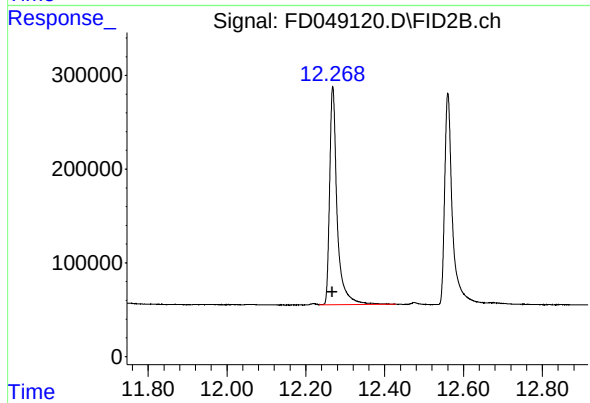
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 2633827
Conc: 17.44 ug/ml



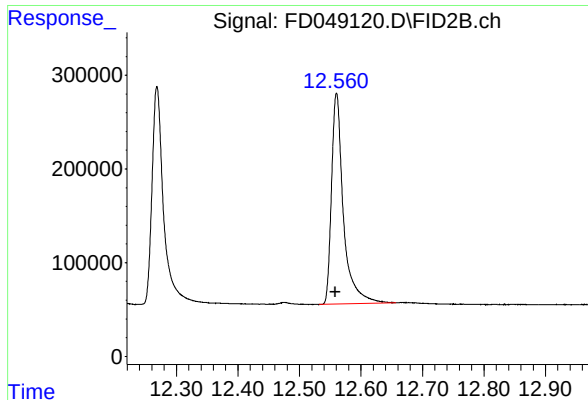
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3233823
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

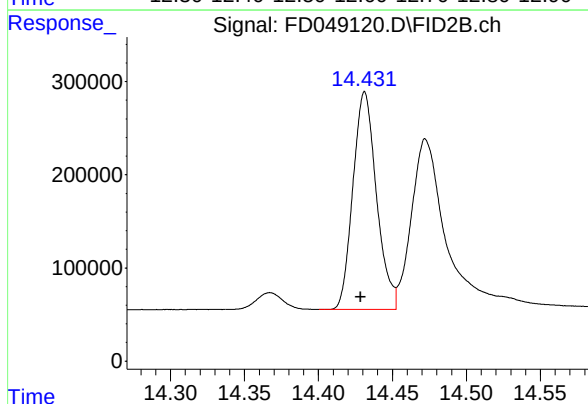
R.T.: 12.268 min
Delta R.T.: 0.001 min
Response: 3086798
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

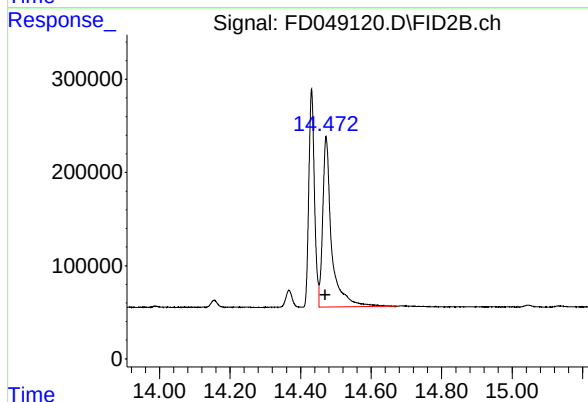
R.T.: 12.560 min
Delta R.T.: 0.002 min
Response: 3020840
Conc: 19.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



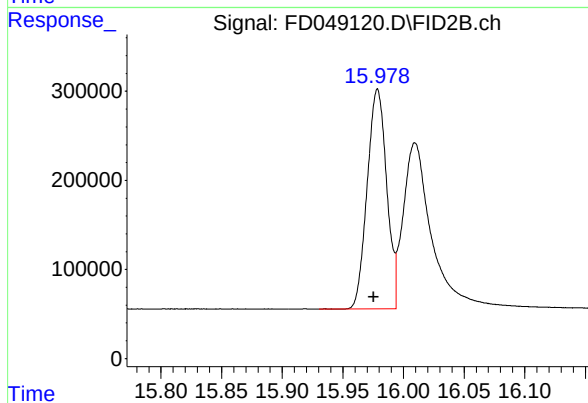
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.003 min
Response: 2581314
Conc: 19.65 ug/ml



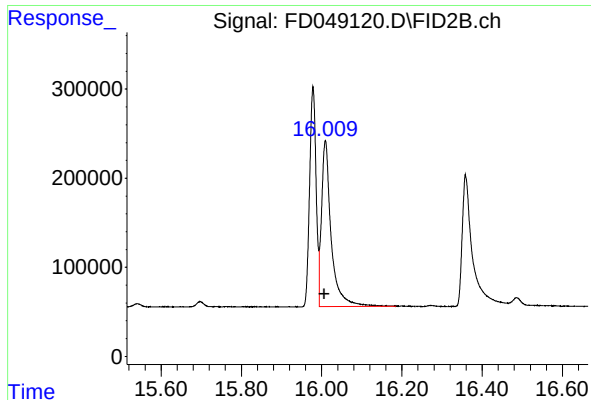
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 3225972
Conc: 19.95 ug/ml



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

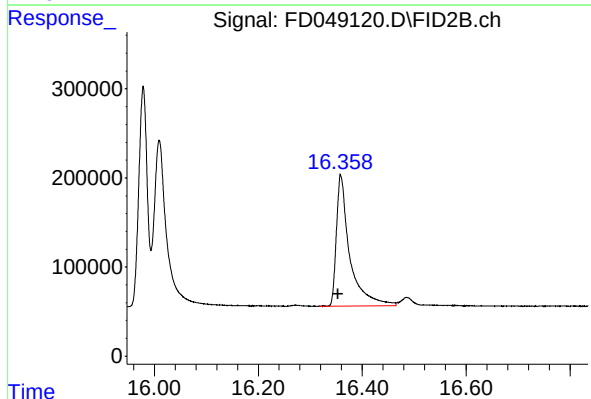
R.T.: 15.979 min
Delta R.T.: 0.003 min
Response: 2759362
Conc: 20.05 ug/ml



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

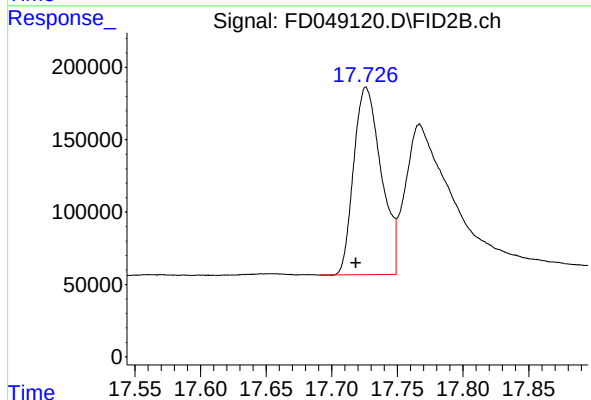
R.T.: 16.010 min
Delta R.T.: 0.003 min
Response: 3129958
Conc: 19.82 ug/ml

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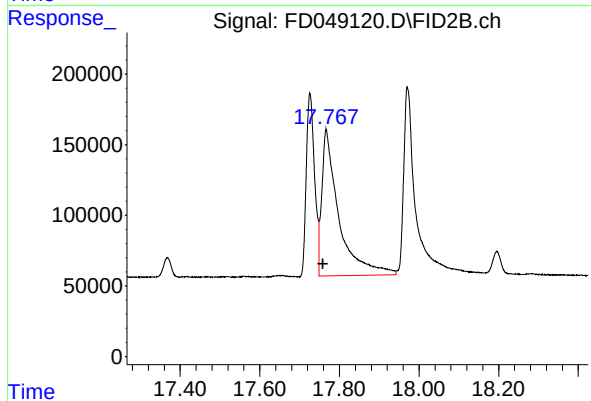
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: 0.005 min
Response: 2619384
Conc: 19.30 ug/ml



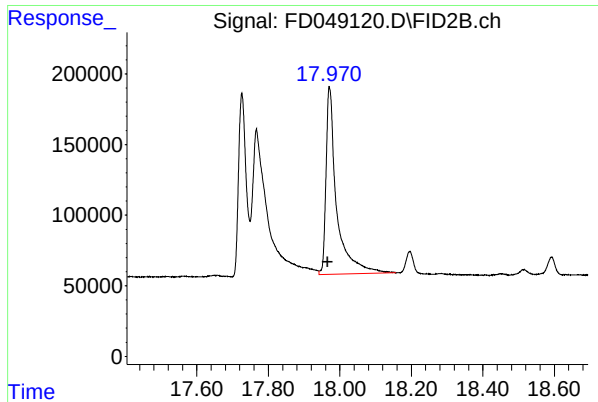
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: 0.008 min
Response: 1884461
Conc: 17.24 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 3072254
Conc: 19.80 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.005 min
Response: 2738520
Conc: 18.89 ug/ml

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