

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022025AR\
 Data File : FD049097.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2025 18:28
 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: Feb 21 00:25:13 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...	7.352	2872783	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
6) S 2-Fluorobiphenyl (SURR)	8.203	1786209	20.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.233	3267991	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3217199	20.202 ug/ml
2) T Naphthalene (C11.7)	5.693	3226600	20.320 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3165863	20.334 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3220481	19.805 ug/ml
7) T Acenaphthene (C15.5)	8.296	3317679	20.167 ug/ml
8) T Fluorene (C16.55)	9.077	3171274	20.116 ug/ml
9) T Phenanthrene (C19.36)	10.463	3051762	20.250 ug/ml
10) T Anthracene (C19.43)	10.541	2685731	17.783 ug/ml
12) T Fluoranthene (C21.85)	12.266	3154204	20.440 ug/ml
13) T Pyrene (C20.8)	12.559	3065628	19.899 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2695643	20.516 ug/ml
15) T Chrysene (C27.41)	14.471	3334310	20.622 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2822295	20.512 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3231686	20.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2643658	19.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	2089024	19.117 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	3428346	22.098 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	2828396	19.513 ug/ml

(f)=RT Delta > 1/2 Window

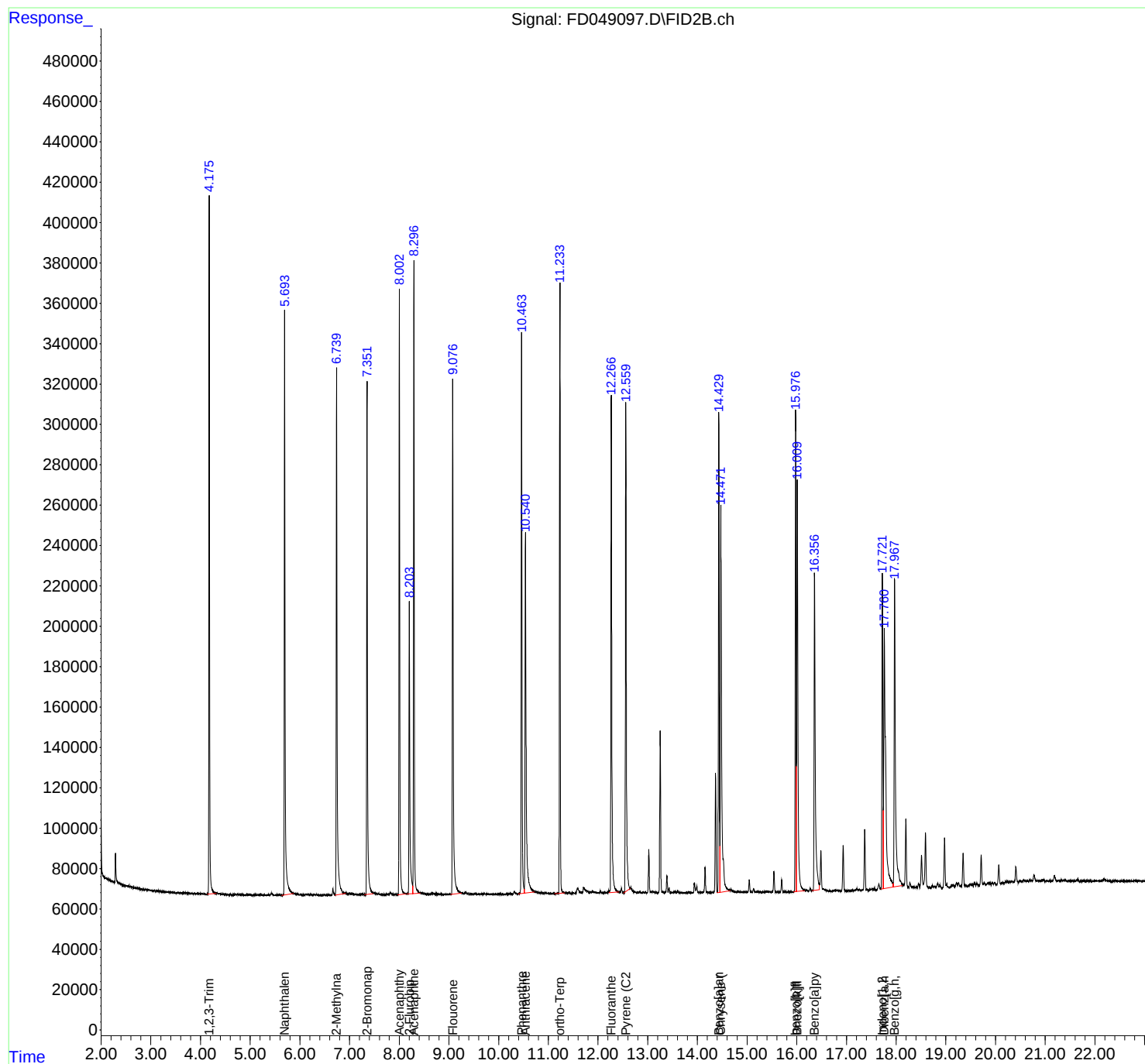
(m)=manual int.

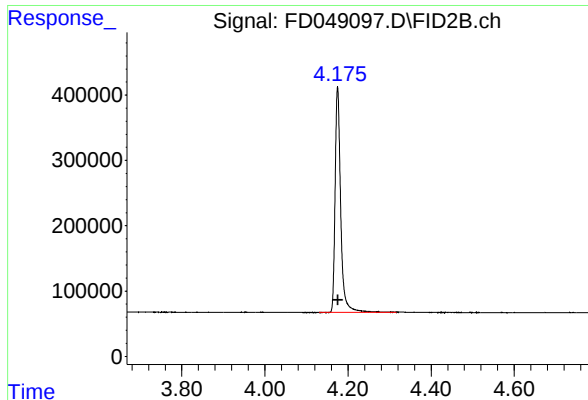
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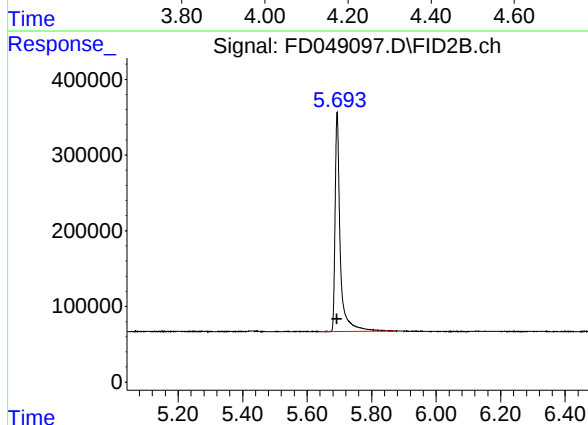




#1 1,2,3-Trimethylbenzene (C10.1)

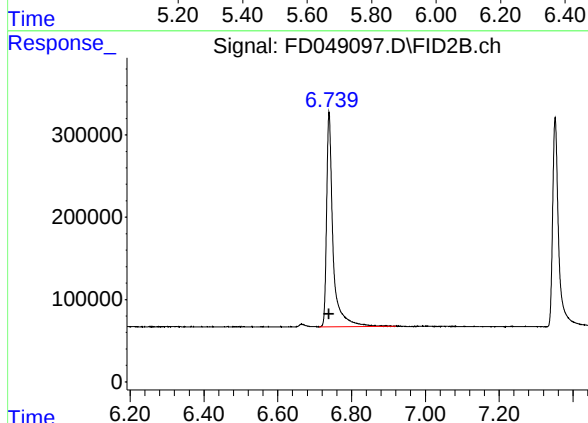
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3217199
Conc: 20.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



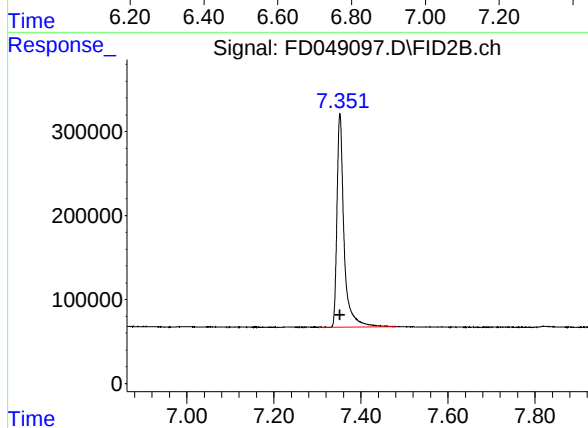
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3226600
Conc: 20.32 ug/ml



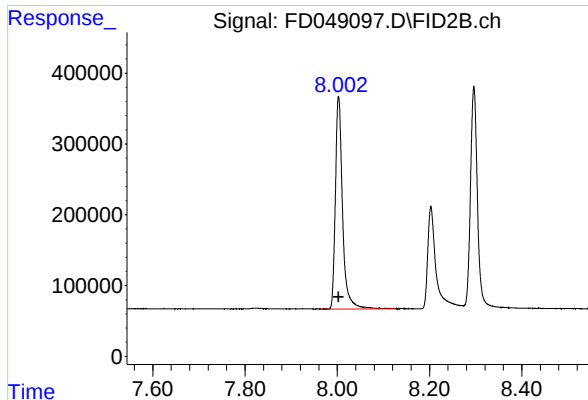
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3165863
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

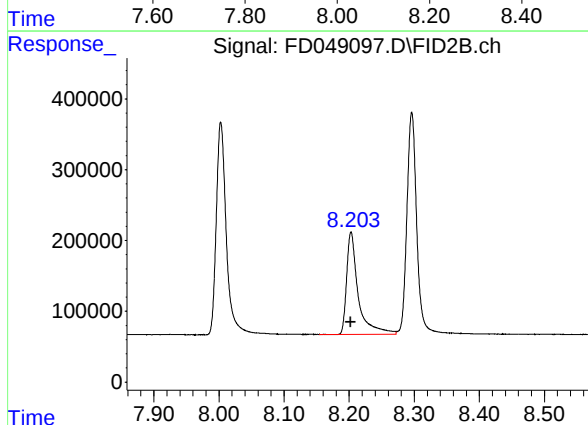
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 2872783
Conc: 20.07 ug/ml



#5 Acenaphthylene (C15.06)

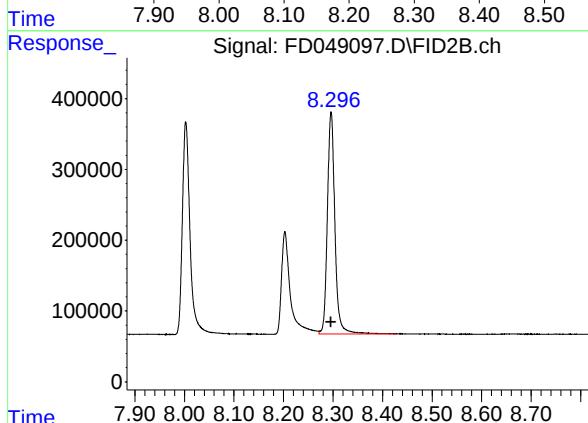
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3220481
Conc: 19.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



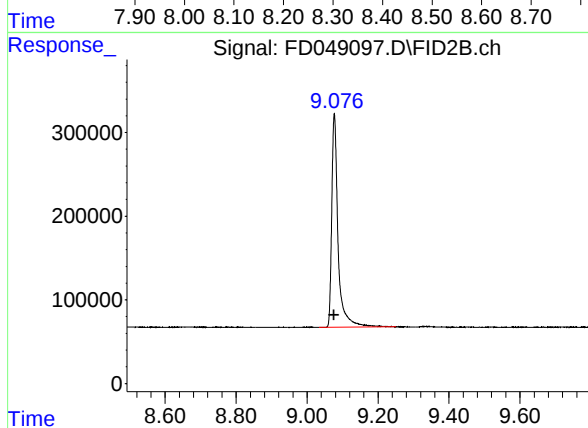
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 1786209
Conc: 20.32 ug/ml



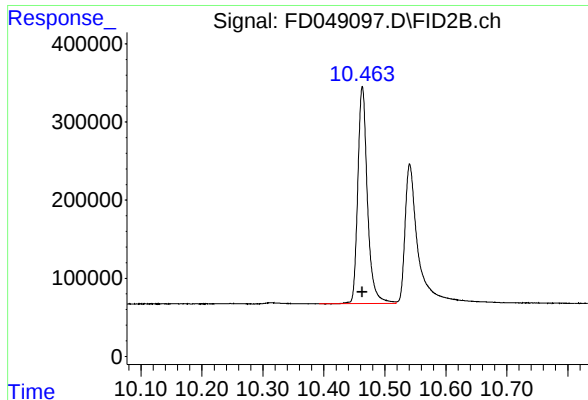
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3317679
Conc: 20.17 ug/ml



#8 Flouorene (C16.55)

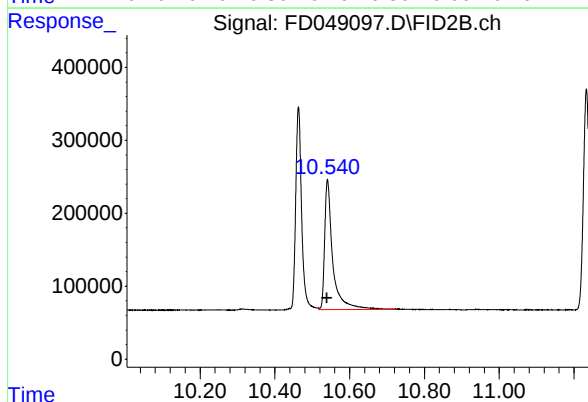
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 3171274
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

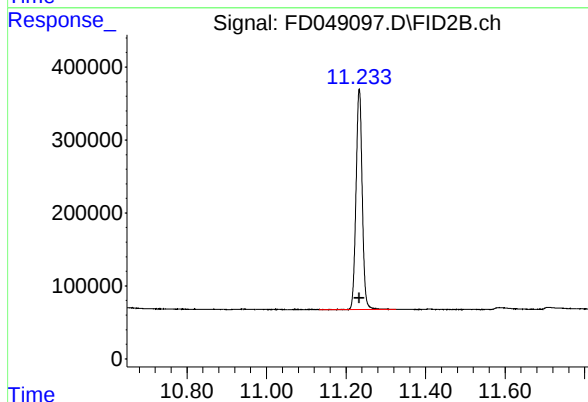
R.T.: 10.463 min
Delta R.T.: 0.000 min
Response: 3051762
Conc: 20.25 ug/ml

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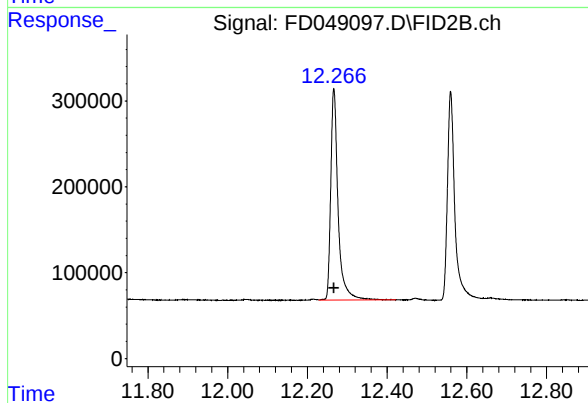
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.001 min
Response: 2685731
Conc: 17.78 ug/ml



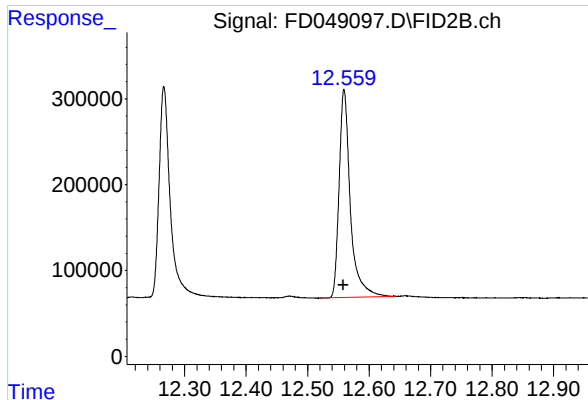
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3267991
Conc: 20.20 ug/ml



#12 Fluoranthene (C21.85)

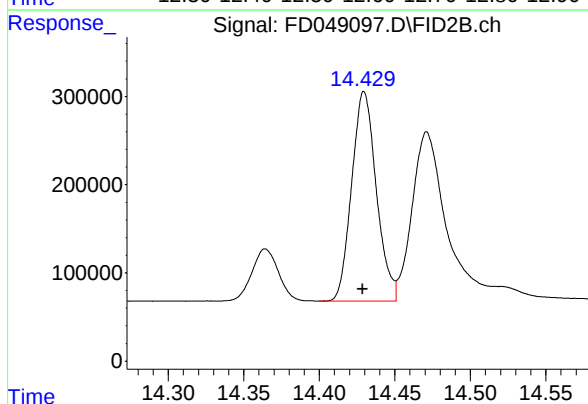
R.T.: 12.266 min
Delta R.T.: 0.000 min
Response: 3154204
Conc: 20.44 ug/ml



#13 Pyrene (C20.8)

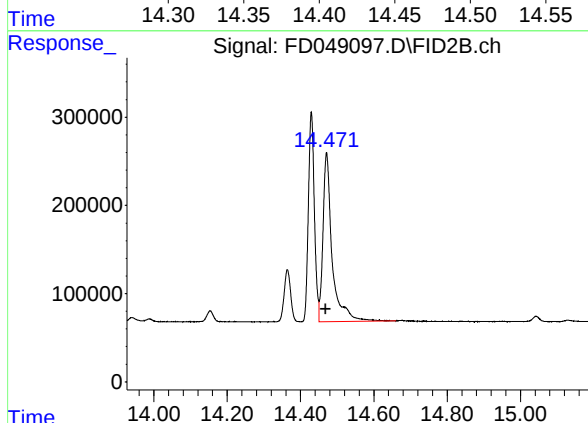
R.T.: 12.559 min
Delta R.T.: 0.000 min
Response: 3065628
Conc: 19.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



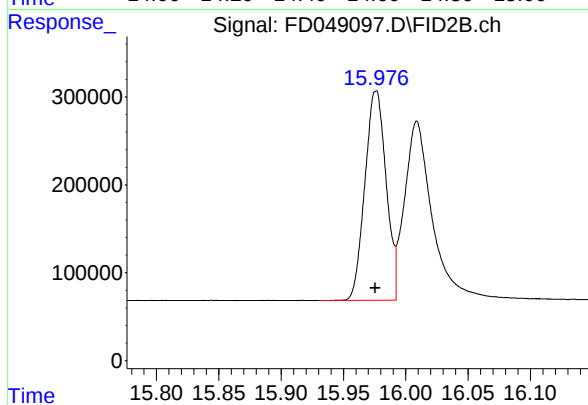
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: 0.001 min
Response: 2695643
Conc: 20.52 ug/ml



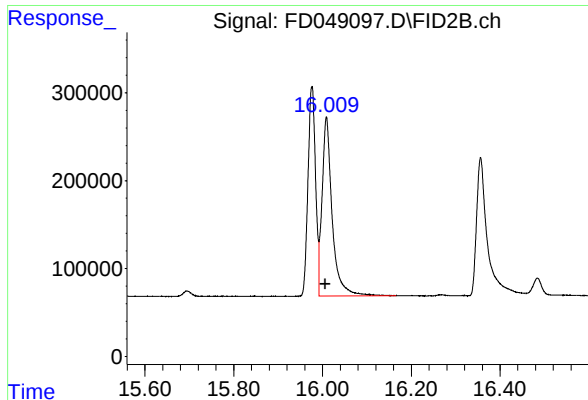
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 3334310
Conc: 20.62 ug/ml



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

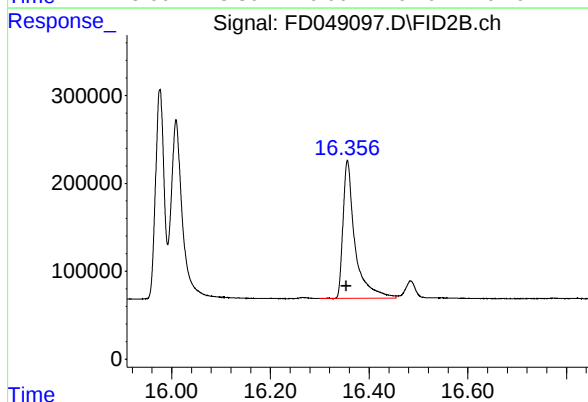
R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 2822295
Conc: 20.51 ug/ml



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

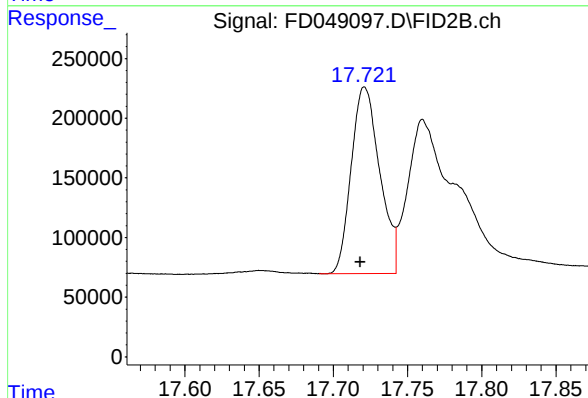
R.T.: 16.009 min
Delta R.T.: 0.003 min
Response: 3231686
Conc: 20.46 ug/ml

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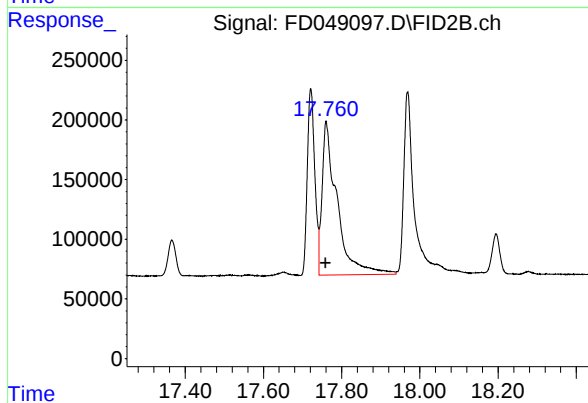
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.003 min
Response: 2643658
Conc: 19.48 ug/ml



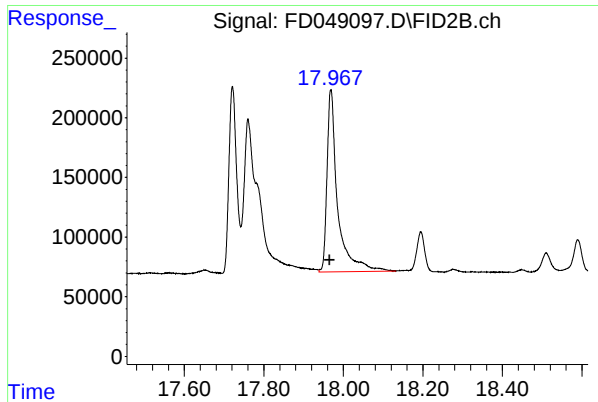
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: 0.003 min
Response: 2089024
Conc: 19.12 ug/ml



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

R.T.: 17.760 min
Delta R.T.: 0.001 min
Response: 3428346
Conc: 22.10 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.003 min
Response: 2828396
Conc: 19.51 ug/ml

Instrument :
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