

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049100.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 11:30
 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 26 01:32:14 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	2962018	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
6) S 2-Fluorobiphenyl (SURR)	8.203	1806255	20.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.09%
11) S ortho-Terphenyl (SURR)	11.234	3383182	20.913 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3247943	20.395 ug/ml
2) T Naphthalene (C11.7)	5.693	3317229	20.891 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3249992	20.874 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3268331	20.100 ug/ml
7) T Acenaphthene (C15.5)	8.296	3396659	20.647 ug/ml
8) T Fluorene (C16.55)	9.077	3246446	20.593 ug/ml
9) T Phenanthrene (C19.36)	10.464	3129144	20.764 ug/ml
10) T Anthracene (C19.43)	10.542	2624648	17.379 ug/ml
12) T Fluoranthene (C21.85)	12.267	3250057	21.061 ug/ml
13) T Pyrene (C20.8)	12.560	3146027	20.421 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2681452	20.408 ug/ml
15) T Chrysene (C27.41)	14.472	3061387	18.934 ug/ml
16) T benzo[b]fluoranthene ...	15.977	2863329	20.810 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3348935	21.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2640248	19.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2023526	18.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	3432247	22.124 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	2829593	19.521 ug/ml

(f)=RT Delta > 1/2 Window

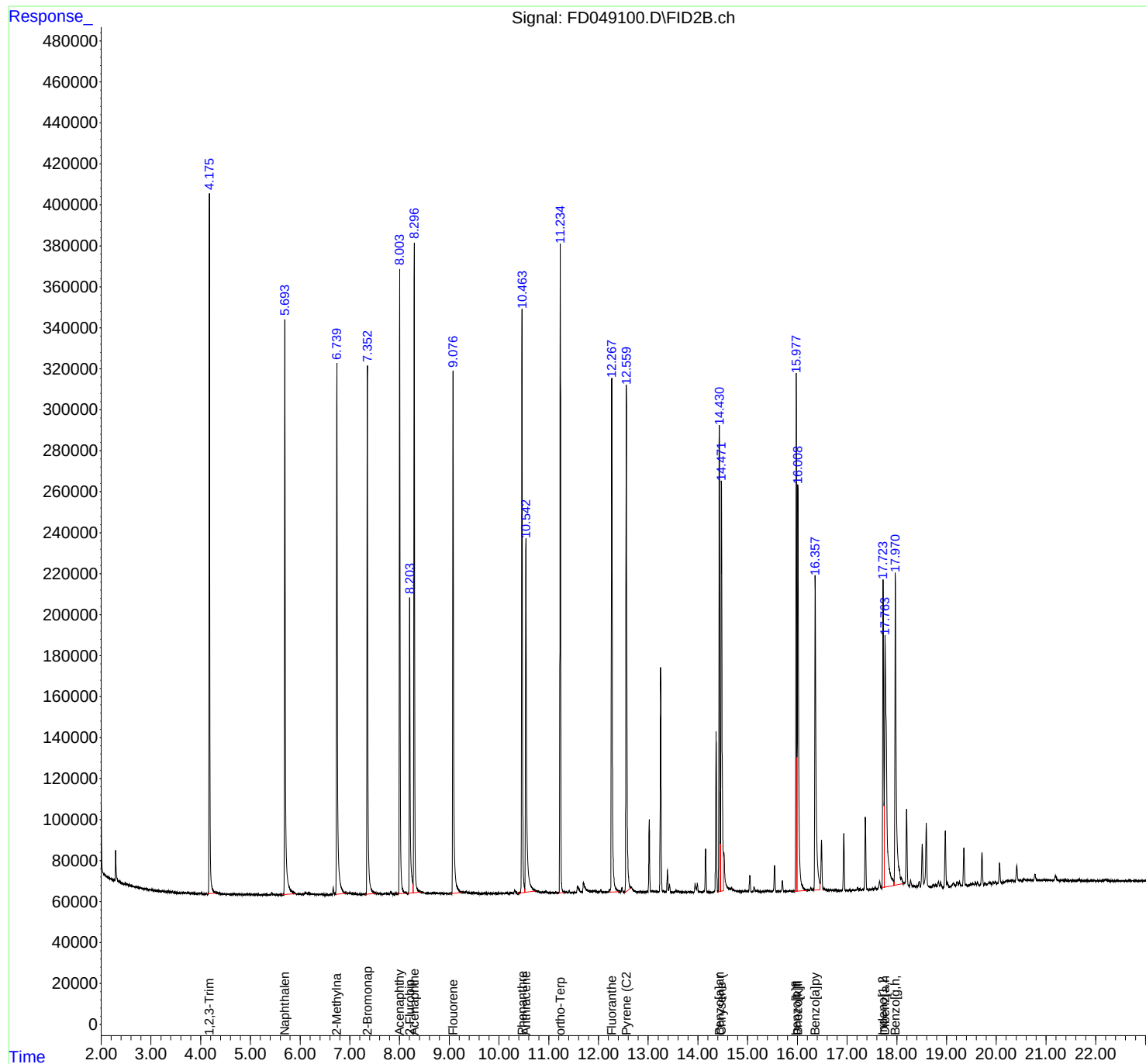
(m)=manual int.

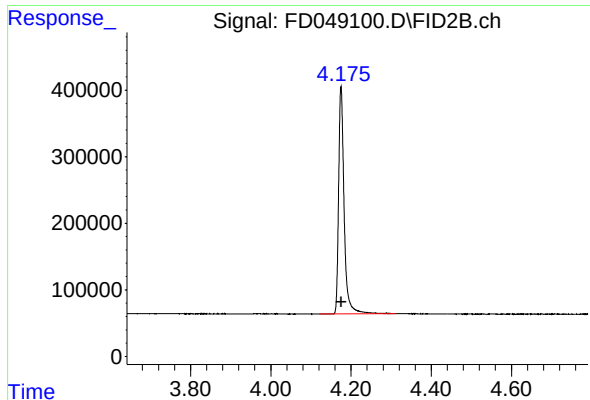
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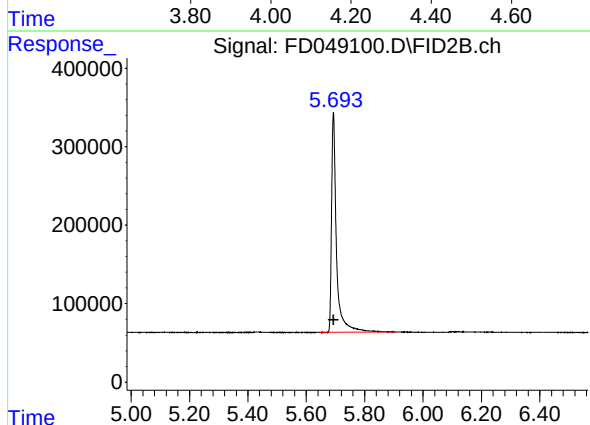




#1 1,2,3-Trimethylbenzene (C10.1)

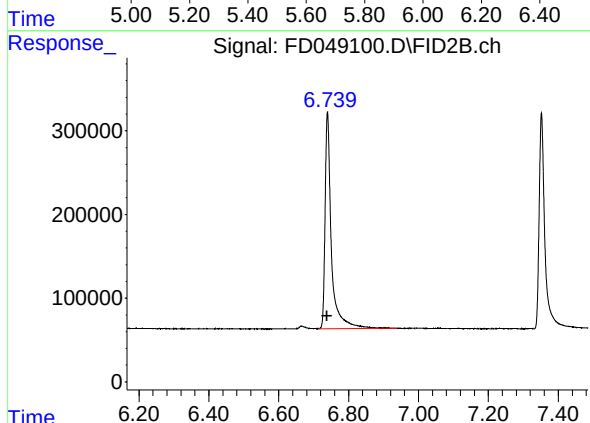
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3247943
Conc: 20.39 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



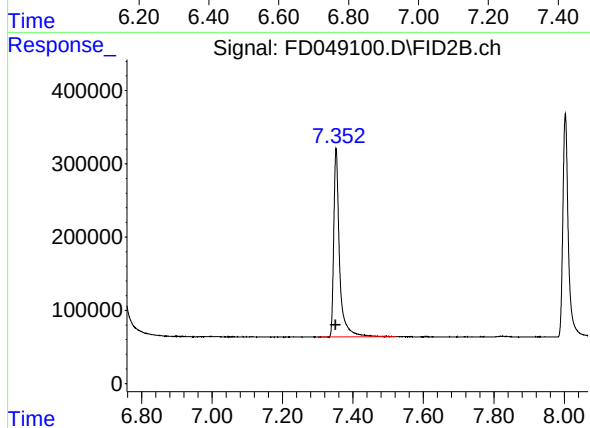
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3317229
Conc: 20.89 ug/ml



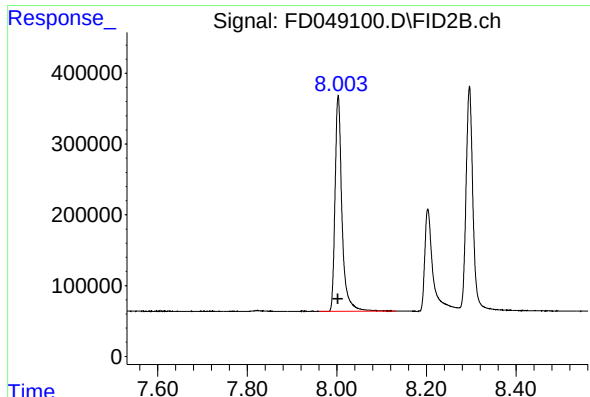
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 3249992
Conc: 20.87 ug/ml



#4 2-Bromonaphthalene (SURR)

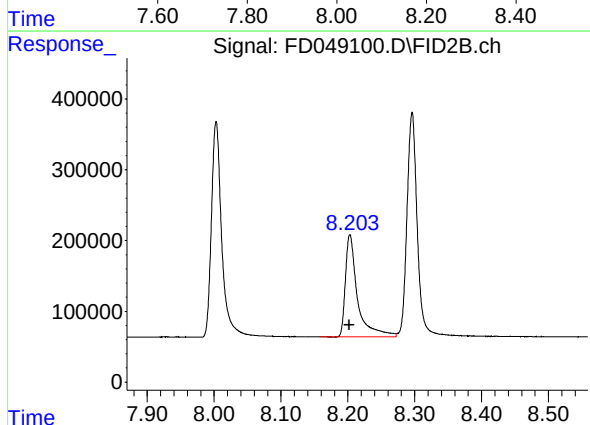
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 2962018
Conc: 20.70 ug/ml



#5 Acenaphthylene (C15.06)

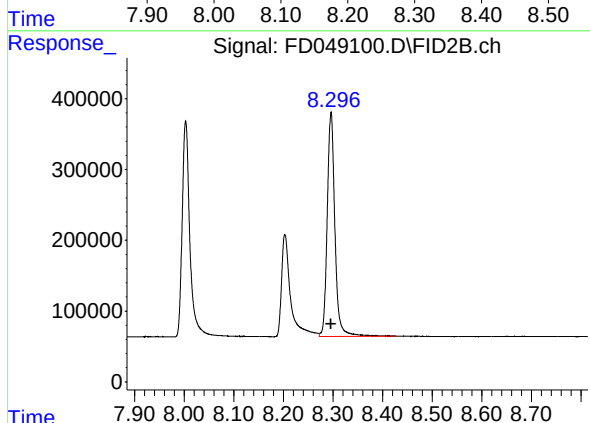
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3268331
Conc: 20.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



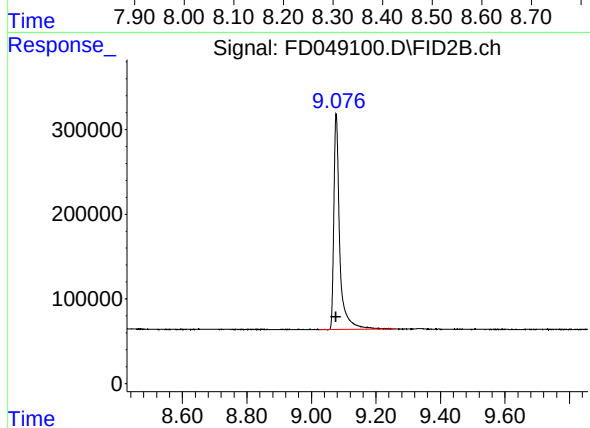
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 1806255
Conc: 20.55 ug/ml



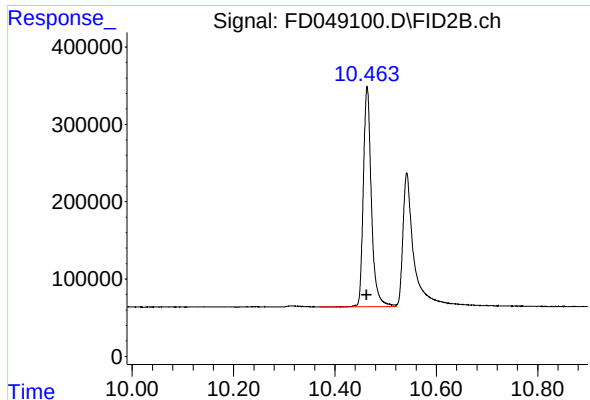
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3396659
Conc: 20.65 ug/ml



#8 Flouorene (C16.55)

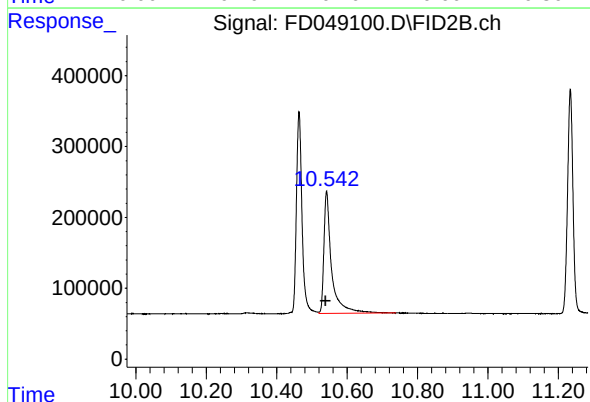
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 3246446
Conc: 20.59 ug/ml



#9 Phenanthrene (C19.36)

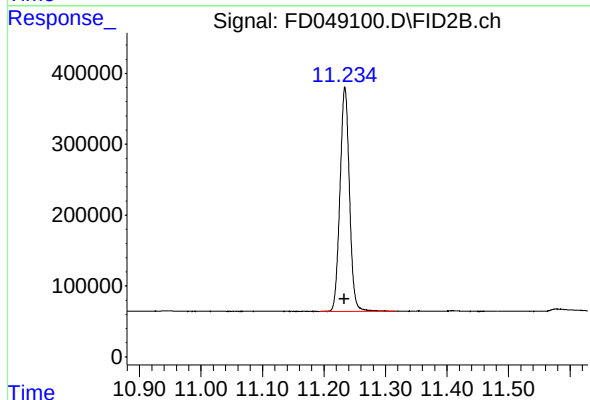
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3129144
Conc: 20.76 ug/ml

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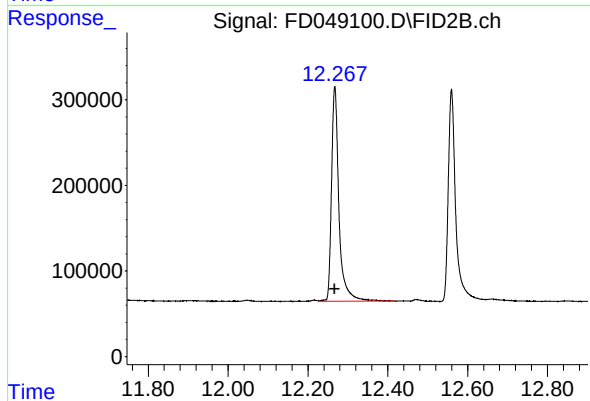
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 2624648
Conc: 17.38 ug/ml



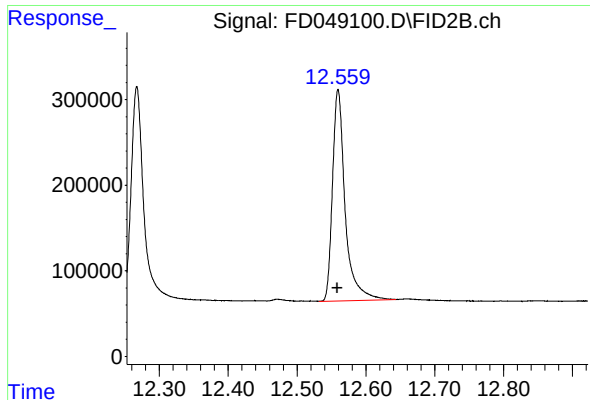
#11 ortho-Terphenyl (SURRE)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3383182
Conc: 20.91 ug/ml



#12 Fluoranthene (C21.85)

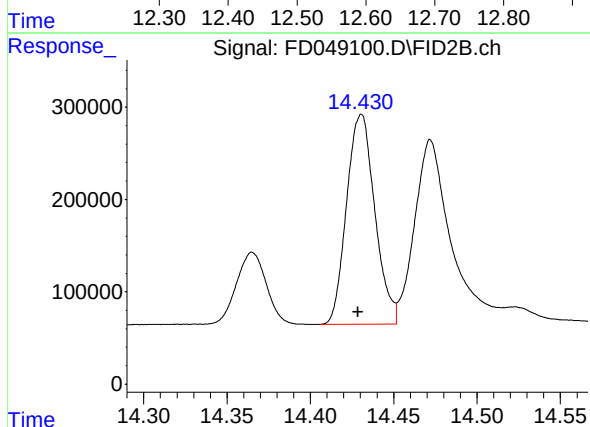
R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 3250057
Conc: 21.06 ug/ml



#13 Pyrene (C20.8)

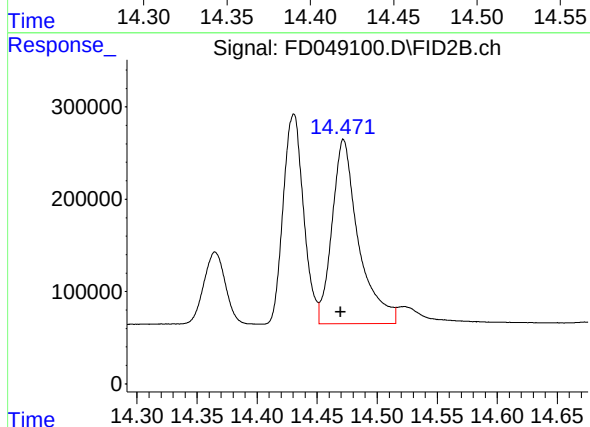
R.T.: 12.560 min
Delta R.T.: 0.001 min
Response: 3146027
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



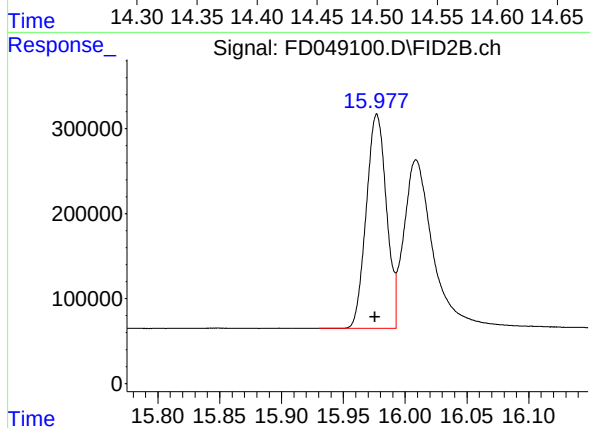
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.002 min
Response: 2681452
Conc: 20.41 ug/ml



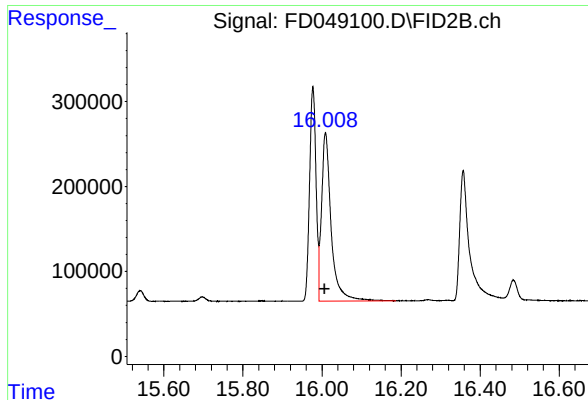
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 3061387
Conc: 18.93 ug/ml



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

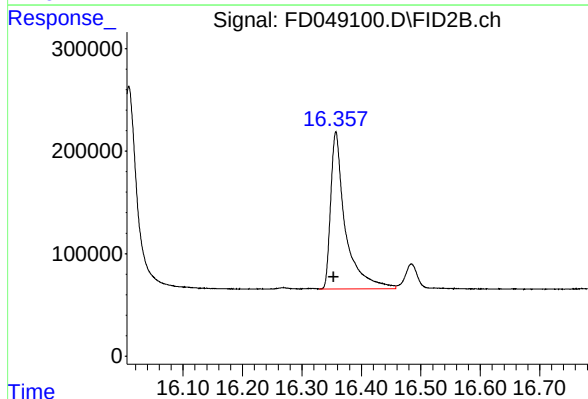
R.T.: 15.977 min
Delta R.T.: 0.002 min
Response: 2863329
Conc: 20.81 ug/ml



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

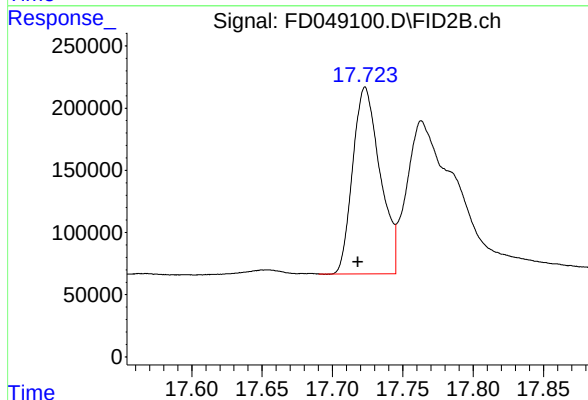
R.T.: 16.009 min
Delta R.T.: 0.003 min
Response: 3348935
Conc: 21.20 ug/ml

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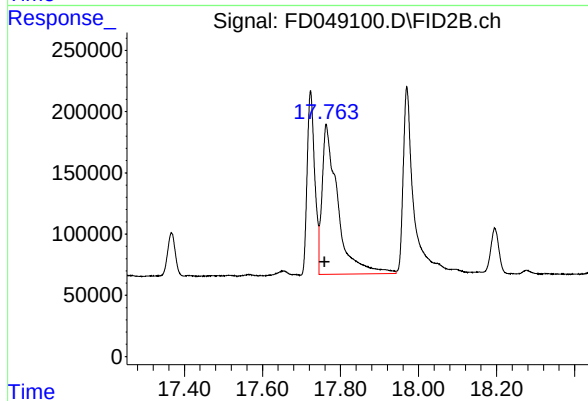
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.004 min
Response: 2640248
Conc: 19.45 ug/ml



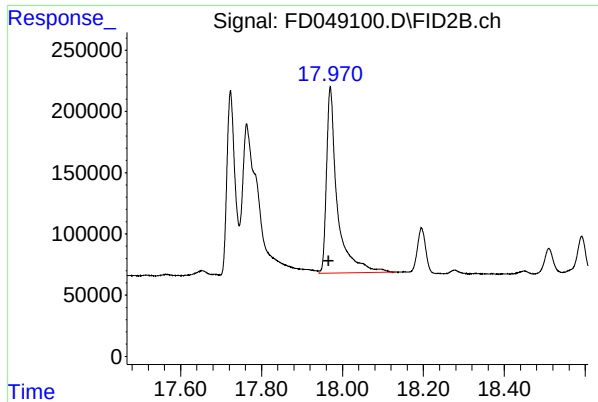
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.005 min
Response: 2023526
Conc: 18.52 ug/ml



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

R.T.: 17.763 min
Delta R.T.: 0.004 min
Response: 3432247
Conc: 22.12 ug/ml



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

R.T.: 17.970 min

Delta R.T.: 0.004 min

Response: 2829593

Conc: 19.52 ug/ml

Instrument :

FID_D

ClientSampleId :

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