

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048987.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 08:41
 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: Jan 30 00:55:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.357	3089392	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
6) S 2-Fluorobiphenyl (SURR)	8.209	1903353	22.369 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.74%
11) S ortho-Terphenyl (SURR)	11.241	3488430	21.212 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3365438	21.833 ug/ml
2) T Naphthalene (C11.7)	5.698	3388409	21.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3393652	21.876 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3483623	21.301 ug/ml
7) T Acenaphthene (C15.5)	8.302	3562058	21.207 ug/ml
8) T Fluorene (C16.55)	9.084	3396497	21.712 ug/ml
9) T Phenanthrene (C19.36)	10.471	3303506	21.691 ug/ml
10) T Anthracene (C19.43)	10.549	2842640	18.662 ug/ml
12) T Fluoranthene (C21.85)	12.275	3357179	21.343 ug/ml
13) T Pyrene (C20.8)	12.568	3326405	21.115 ug/ml
14) T Benzo[a]anthracene (C...	14.440	2941942	22.862 ug/ml
15) T Chrysene (C27.41)	14.480	3512845	20.774 ug/ml
16) T benzo[b]fluoranthene ...	15.987	3081541	22.554 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	3402617	21.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	2857612	20.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2232462	21.406 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3354128	23.496 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	3013532	21.127 ug/ml

(f)=RT Delta > 1/2 Window

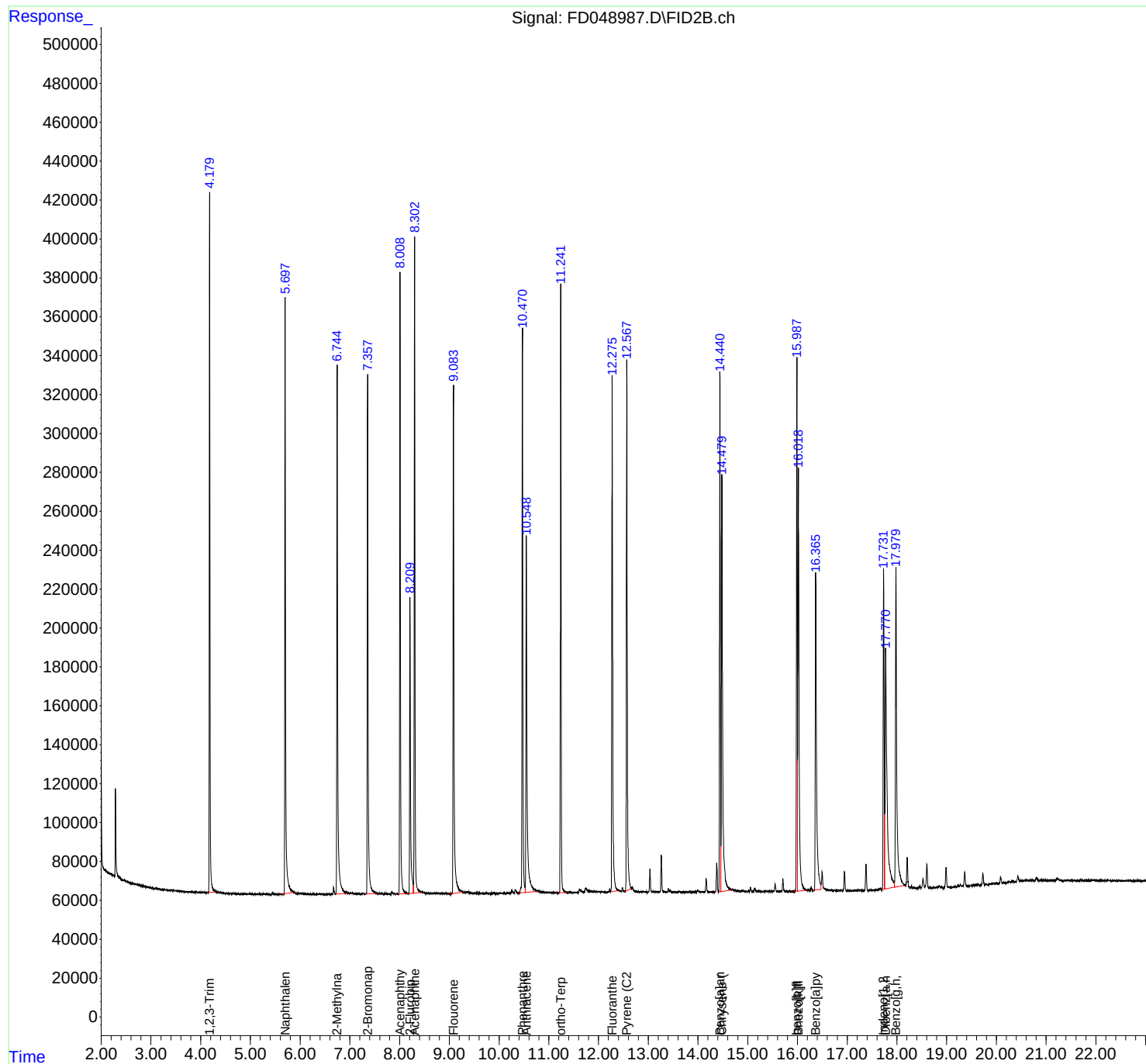
(m)=manual int.

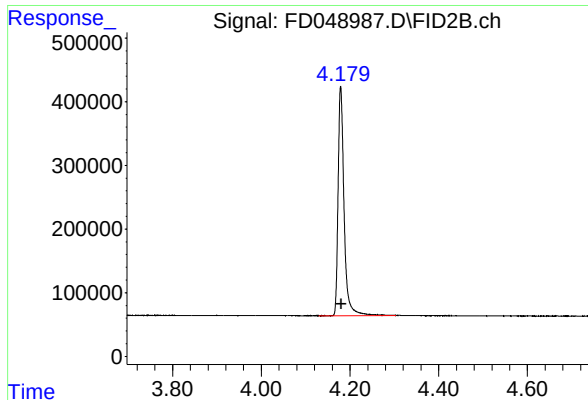
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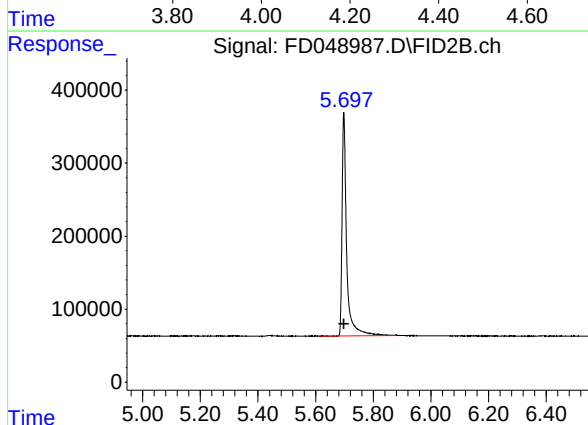




#1 1,2,3-Trimethylbenzene (C10.1)

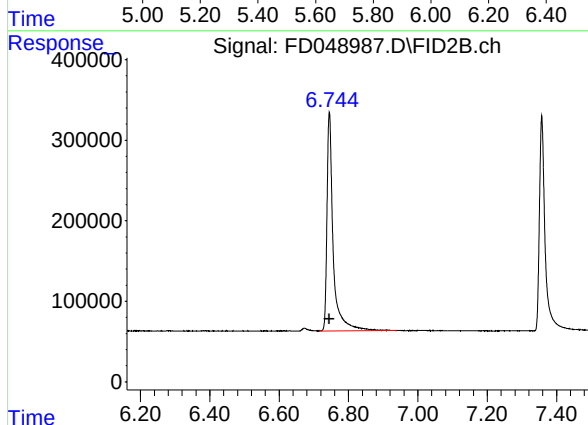
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 3365438
Conc: 21.83 ug/ml

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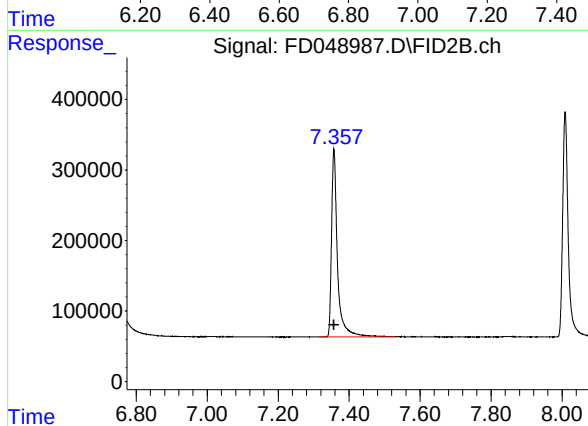
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3388409
Conc: 21.68 ug/ml



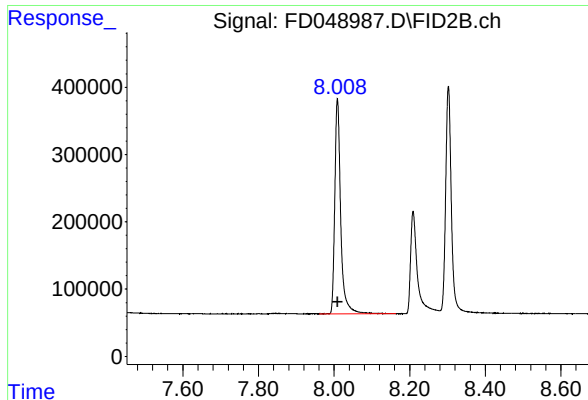
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3393652
Conc: 21.88 ug/ml



#4 2-Bromonaphthalene (SURR)

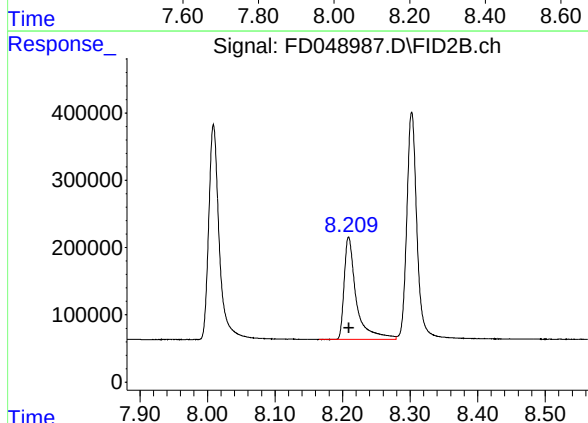
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 3089392
Conc: 21.71 ug/ml



#5 Acenaphthylene (C15.06)

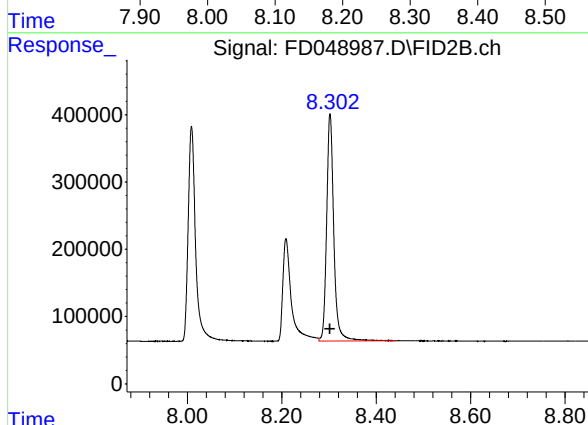
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3483623
Conc: 21.30 ug/ml

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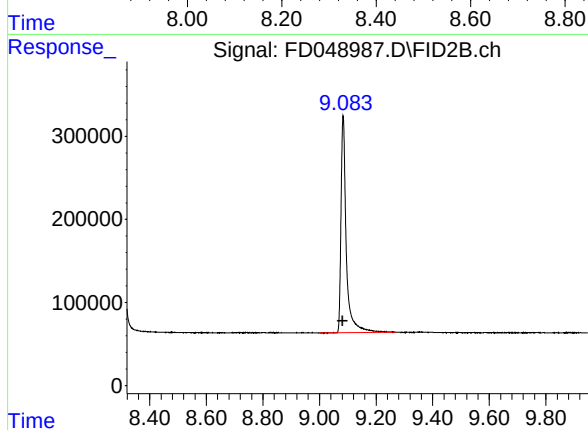
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 1903353
Conc: 22.37 ug/ml



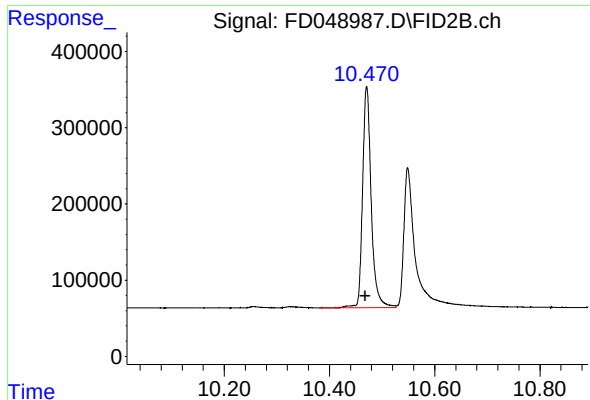
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3562058
Conc: 21.21 ug/ml



#8 Flouorene (C16.55)

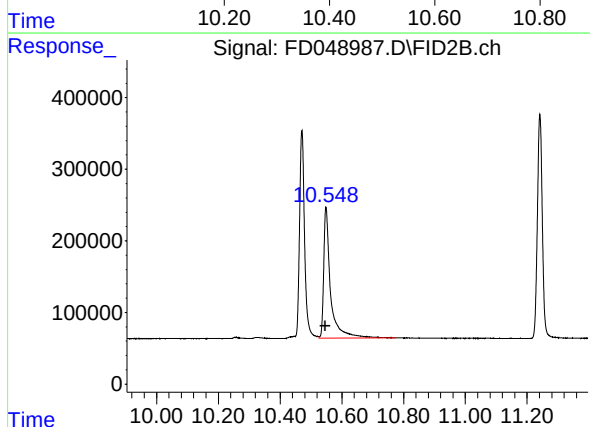
R.T.: 9.084 min
Delta R.T.: 0.001 min
Response: 3396497
Conc: 21.71 ug/ml



#9 Phenanthrene (C19.36)

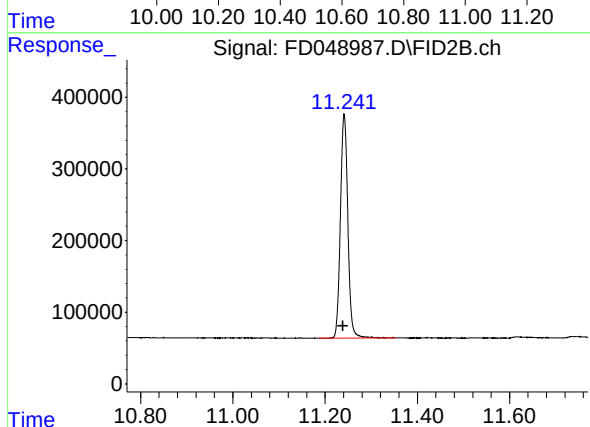
R.T.: 10.471 min
Delta R.T.: 0.002 min
Response: 3303506
Conc: 21.69 ug/ml

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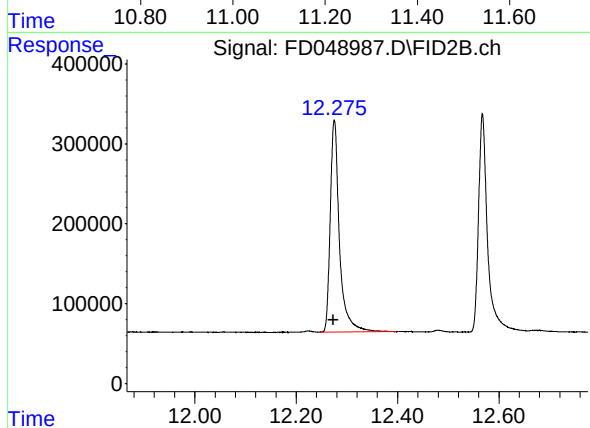
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: 0.003 min
Response: 2842640
Conc: 18.66 ug/ml



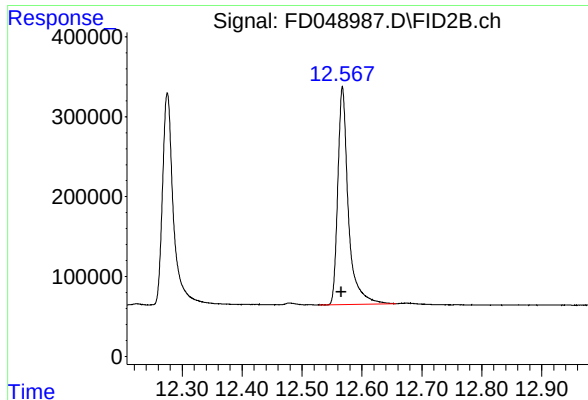
#11 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: 0.002 min
Response: 3488430
Conc: 21.21 ug/ml



#12 Fluoranthene (C21.85)

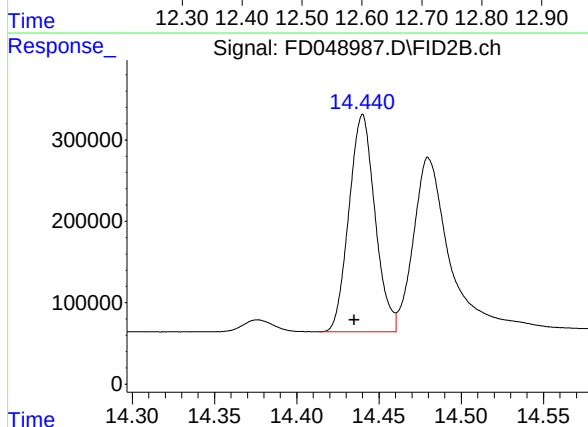
R.T.: 12.275 min
Delta R.T.: 0.002 min
Response: 3357179
Conc: 21.34 ug/ml



#13 Pyrene (C20.8)

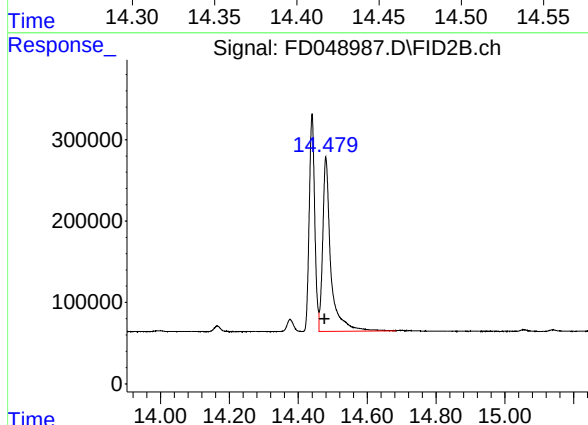
R.T.: 12.568 min
Delta R.T.: 0.002 min
Response: 3326405
Conc: 21.12 ug/ml

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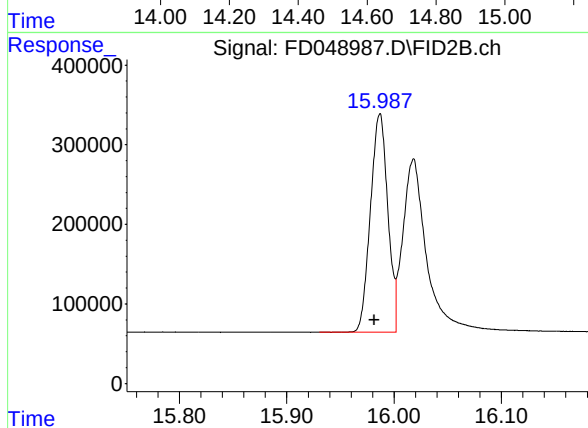
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.005 min
Response: 2941942
Conc: 22.86 ug/ml



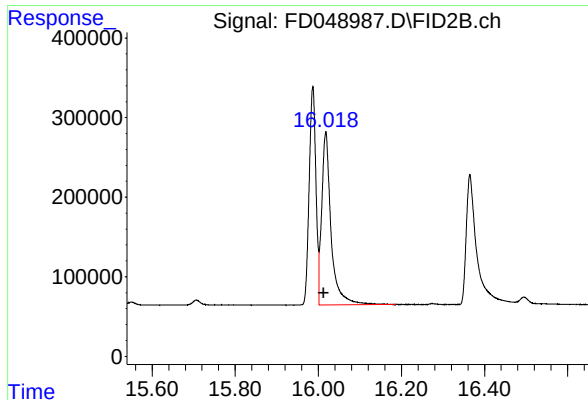
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.004 min
Response: 3512845
Conc: 20.77 ug/ml



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

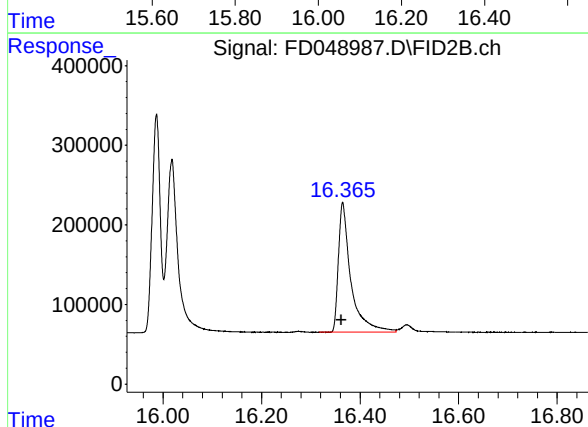
R.T.: 15.987 min
Delta R.T.: 0.005 min
Response: 3081541
Conc: 22.55 ug/ml



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

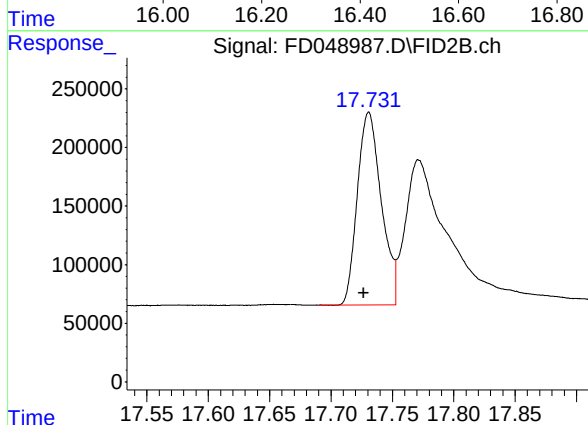
R.T.: 16.018 min
Delta R.T.: 0.005 min
Response: 3402617
Conc: 21.01 ug/ml

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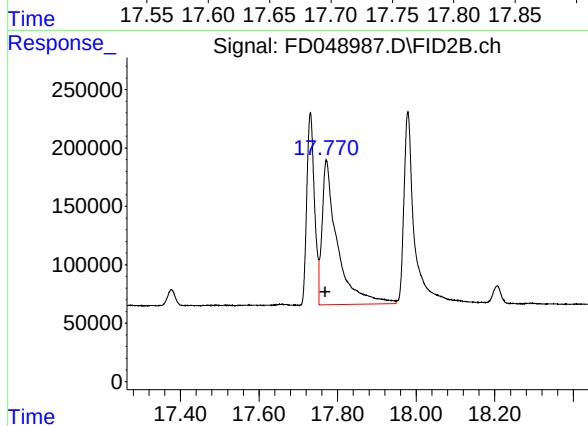
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: 0.003 min
Response: 2857612
Conc: 20.53 ug/ml



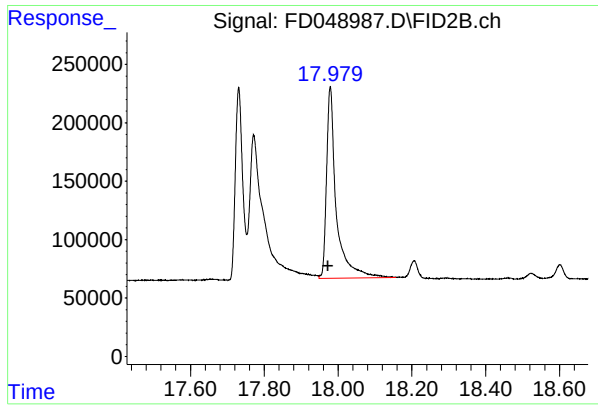
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.004 min
Response: 2232462
Conc: 21.41 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.002 min
Response: 3354128
Conc: 23.50 ug/ml



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

R.T.: 17.979 min

Delta R.T.: 0.006 min

Response: 3013532

Conc: 21.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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