

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045546.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 02:09
 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: May 02 04:18:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 2023
 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...	7.545	3327839	23.018 ug/ml
Spiked Amount 50.000		Recovery =	46.04%
6) S 2-Fluorobiphenyl (SURR)	8.401	2133752	22.882 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.76%
11) S ortho-Terphenyl (SURR)	11.441	4223671	23.600 ug/ml
Spiked Amount 50.000		Recovery =	47.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3873711	23.119 ug/ml
2) T Naphthalene (C11.7)	5.884	3934649	22.990 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3881194	22.940 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3539479	23.397 ug/ml
7) T Acenaphthene (C15.5)	8.500	3779496	23.312 ug/ml
8) T Fluorene (C16.55)	9.279	3529545	22.914 ug/ml
9) T Phenanthrene (C19.36)	10.669	3412325	22.875 ug/ml
10) T Anthracene (C19.43)	10.743	3121193	24.163 ug/ml
12) T Fluoranthene (C21.85)	12.475	3396772	23.080 ug/ml
13) T Pyrene (C20.8)	12.769	3341861	23.296 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2843911	21.702 ug/ml
15) T Chrysene (C27.41)	14.676	3024355	22.155 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2997443	22.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	2900523	21.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2790178	21.806 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2467378	19.642 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	2175406	15.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	2835733	21.645 ug/ml

(f)=RT Delta > 1/2 Window

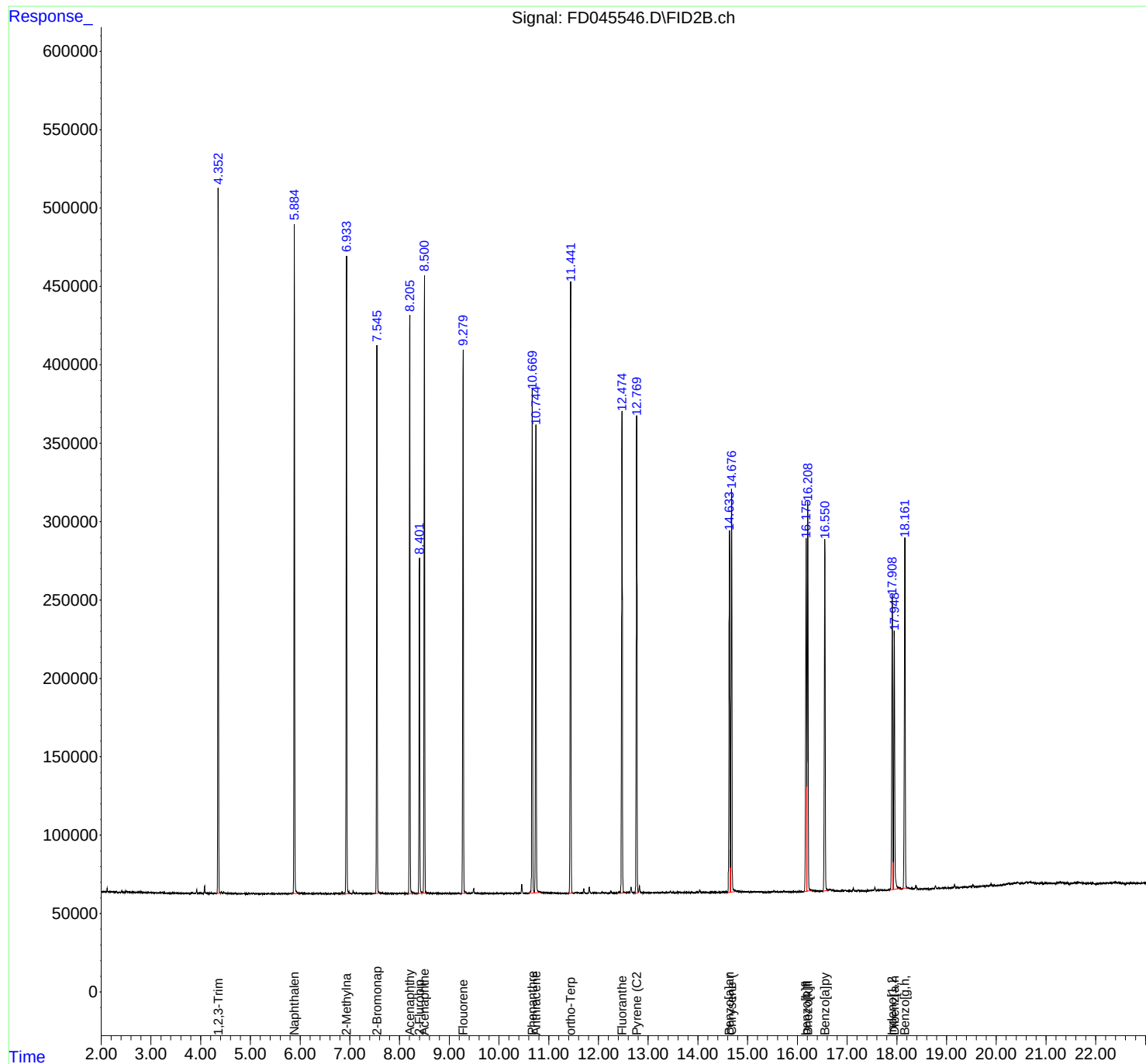
(m)=manual int.

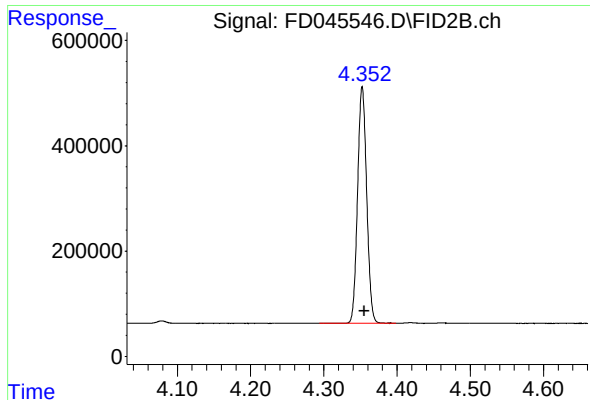
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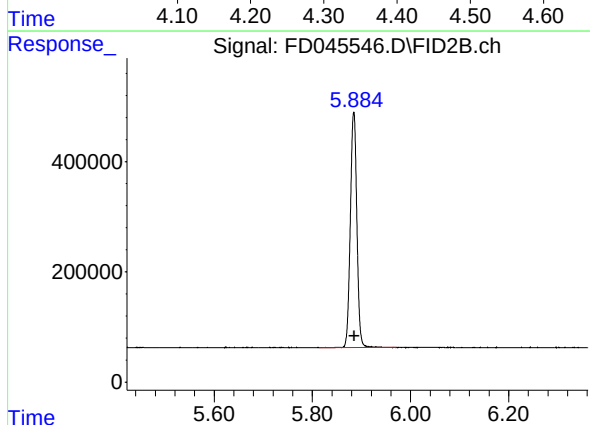




#1 1,2,3-Trimethylbenzene (C10.1)

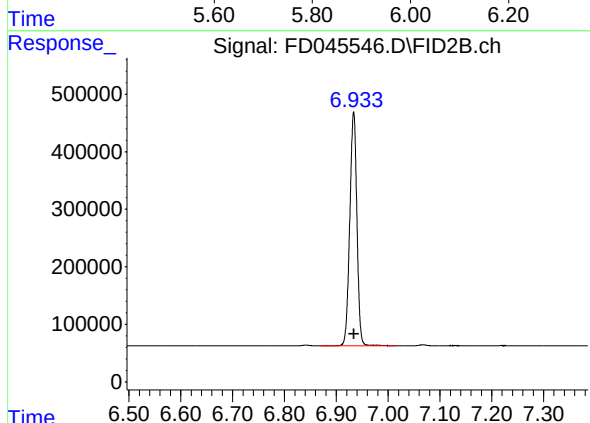
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3873711
Conc: 23.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



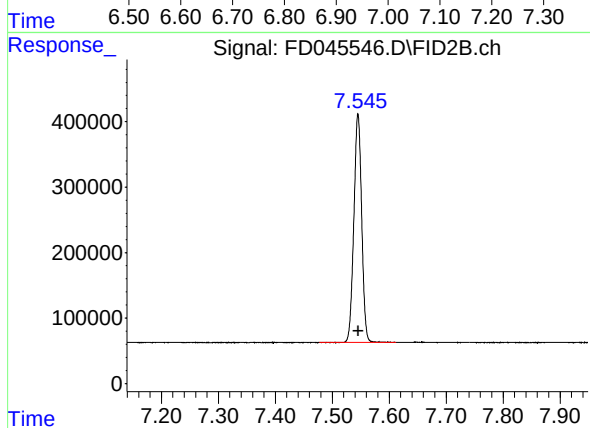
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 3934649
Conc: 22.99 ug/ml



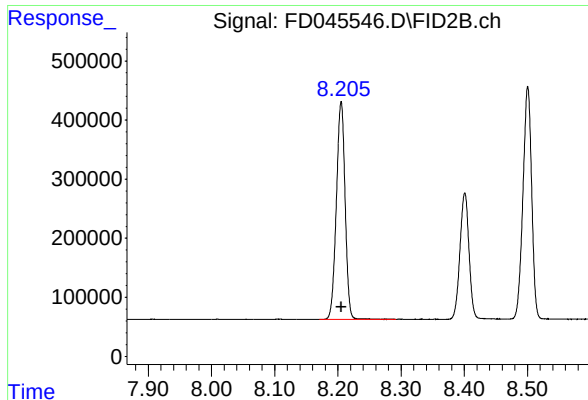
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3881194
Conc: 22.94 ug/ml



#4 2-Bromonaphthalene (SURR)

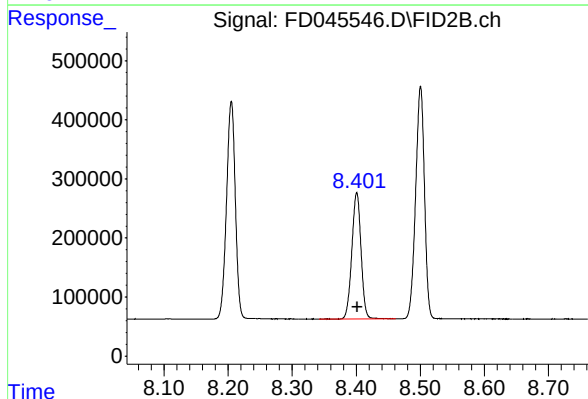
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 3327839
Conc: 23.02 ug/ml



#5 Acenaphthylene (C15.06)

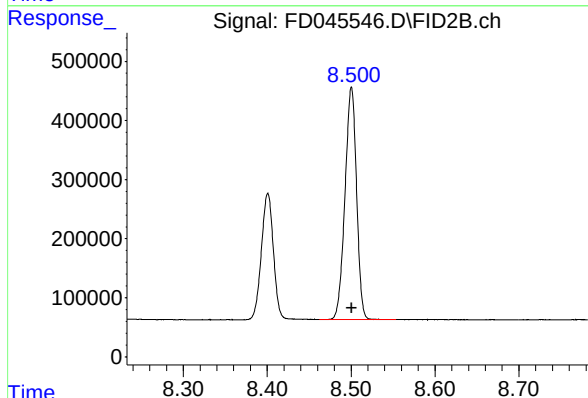
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 3539479
Conc: 23.40 ug/ml

Instrument :
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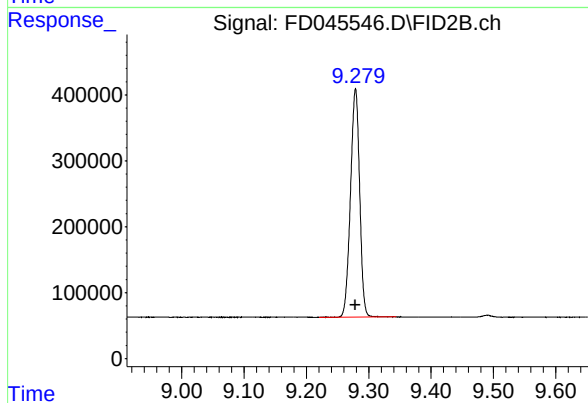
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2133752
Conc: 22.88 ug/ml



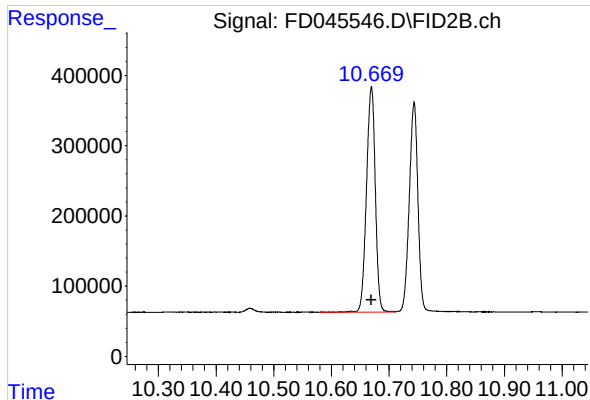
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 3779496
Conc: 23.31 ug/ml



#8 Flouorene (C16.55)

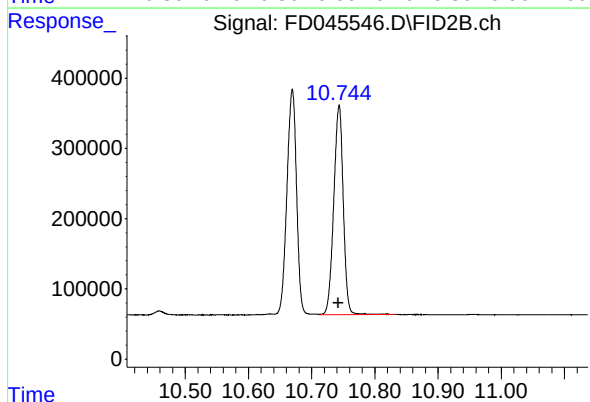
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3529545
Conc: 22.91 ug/ml



#9 Phenanthrene (C19.36)

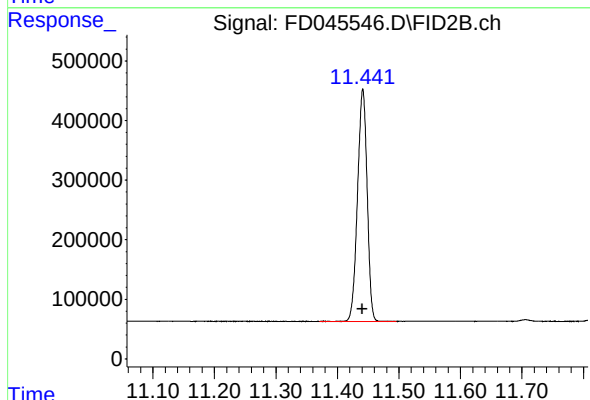
R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 3412325
Conc: 22.88 ug/ml

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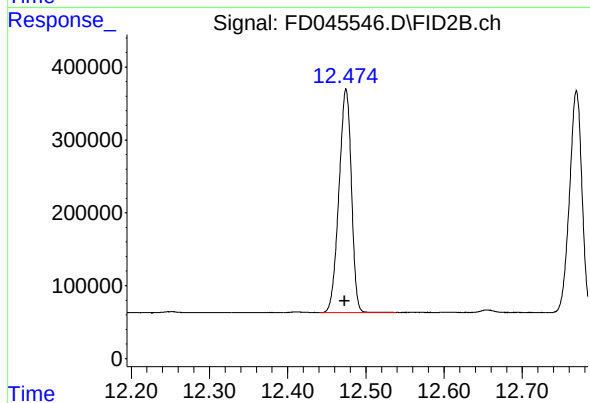
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 3121193
Conc: 24.16 ug/ml



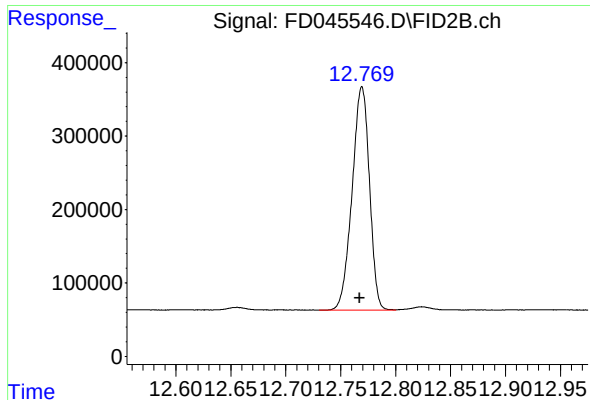
#11 ortho-Terphenyl (SURRE)

R.T.: 11.441 min
Delta R.T.: 0.001 min
Response: 4223671
Conc: 23.60 ug/ml



#12 Fluoranthene (C21.85)

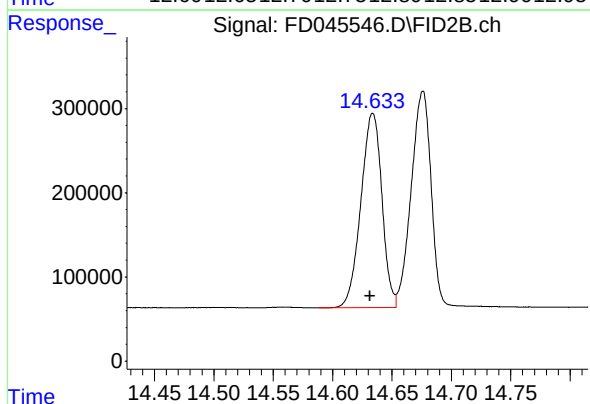
R.T.: 12.475 min
Delta R.T.: 0.002 min
Response: 3396772
Conc: 23.08 ug/ml



#13 Pyrene (C20.8)

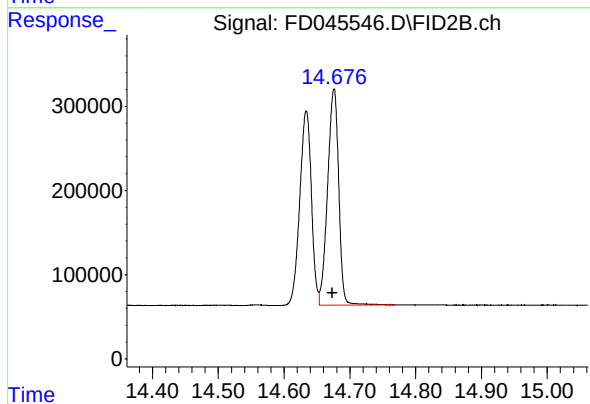
R.T.: 12.769 min
Delta R.T.: 0.002 min
Response: 3341861
Conc: 23.30 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



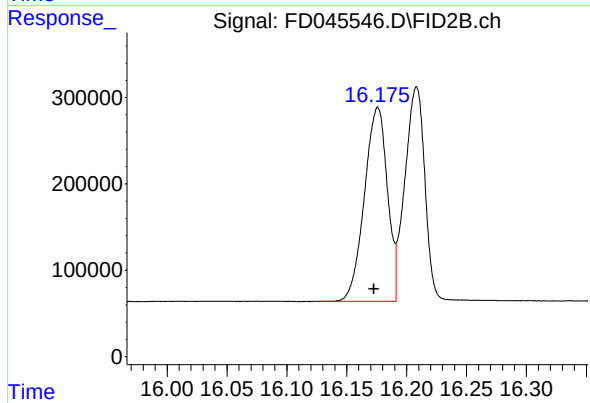
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: 0.002 min
Response: 2843911
Conc: 21.70 ug/ml



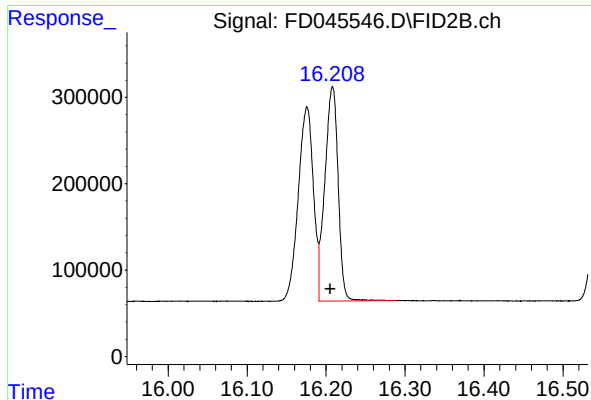
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.003 min
Response: 3024355
Conc: 22.15 ug/ml



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

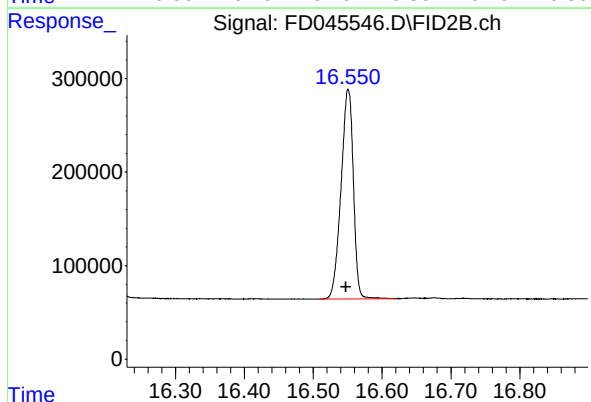
R.T.: 16.176 min
Delta R.T.: 0.003 min
Response: 2997443
Conc: 22.45 ug/ml



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

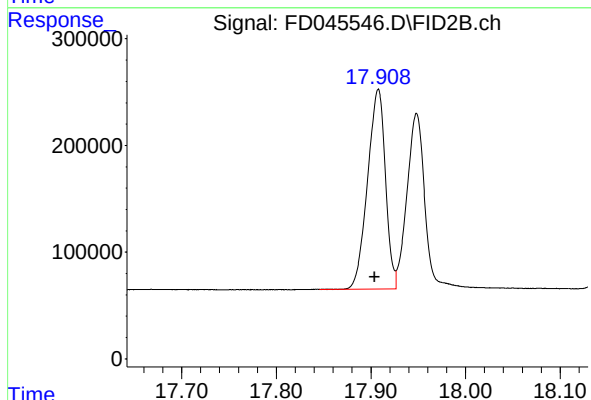
R.T.: 16.208 min
Delta R.T.: 0.003 min
Response: 2900523
Conc: 21.68 ug/ml

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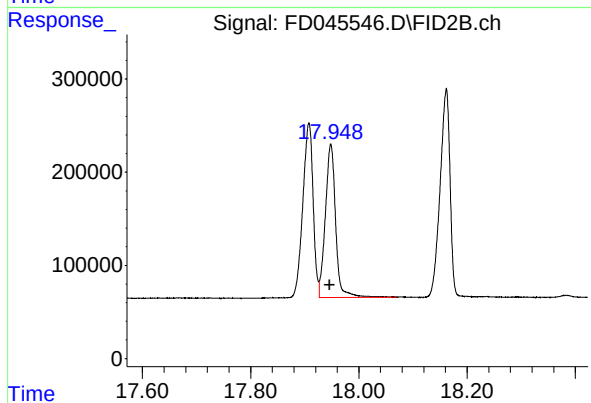
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.003 min
Response: 2790178
Conc: 21.81 ug/ml



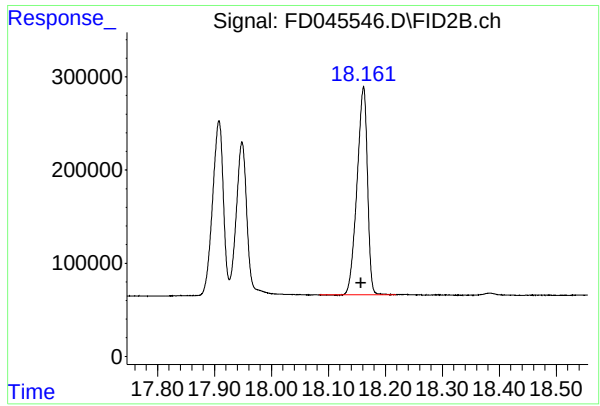
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: 0.004 min
Response: 2467378
Conc: 19.64 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.002 min
Response: 2175406
Conc: 15.97 ug/ml



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

R.T.: 18.161 min
Delta R.T.: 0.004 min
Response: 2835733
Conc: 21.65 ug/ml

Instrument :

FID_D

ClientSampleId :

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