

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AR\
 Data File : FD045553.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 10:58
 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 12:52:01 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	3449687	23.861 ug/ml
Spiked Amount 50.000		Recovery =	47.72%
6) S 2-Fluorobiphenyl (SURR)	8.401	2223986	23.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.70%
11) S ortho-Terphenyl (SURR)	11.441	4333883	24.216 ug/ml
Spiked Amount 50.000		Recovery =	48.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3981262	23.761 ug/ml
2) T Naphthalene (C11.7)	5.885	4058738	23.715 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	4014962	23.731 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3638137	24.049 ug/ml
7) T Acenaphthene (C15.5)	8.501	3898822	24.048 ug/ml
8) T Flouorene (C16.55)	9.279	3664634	23.791 ug/ml
9) T Phenanthrene (C19.36)	10.670	3527222	23.645 ug/ml
10) T Anthracene (C19.43)	10.744	3219499	24.924 ug/ml
12) T Fluoranthene (C21.85)	12.474	3485723	23.684 ug/ml
13) T Pyrene (C20.8)	12.769	3435150	23.947 ug/ml
14) T Benzo[a]anthracene (C...	14.634	3007653	22.951 ug/ml
15) T Chrysene (C27.41)	14.676	3183798	23.323 ug/ml
16) T benzo[b]fluoranthene ...	16.176	3112761	23.312 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	3018015	22.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2909597	22.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2598631	20.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2380269	17.473 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	2942227	22.458 ug/ml

(f)=RT Delta > 1/2 Window

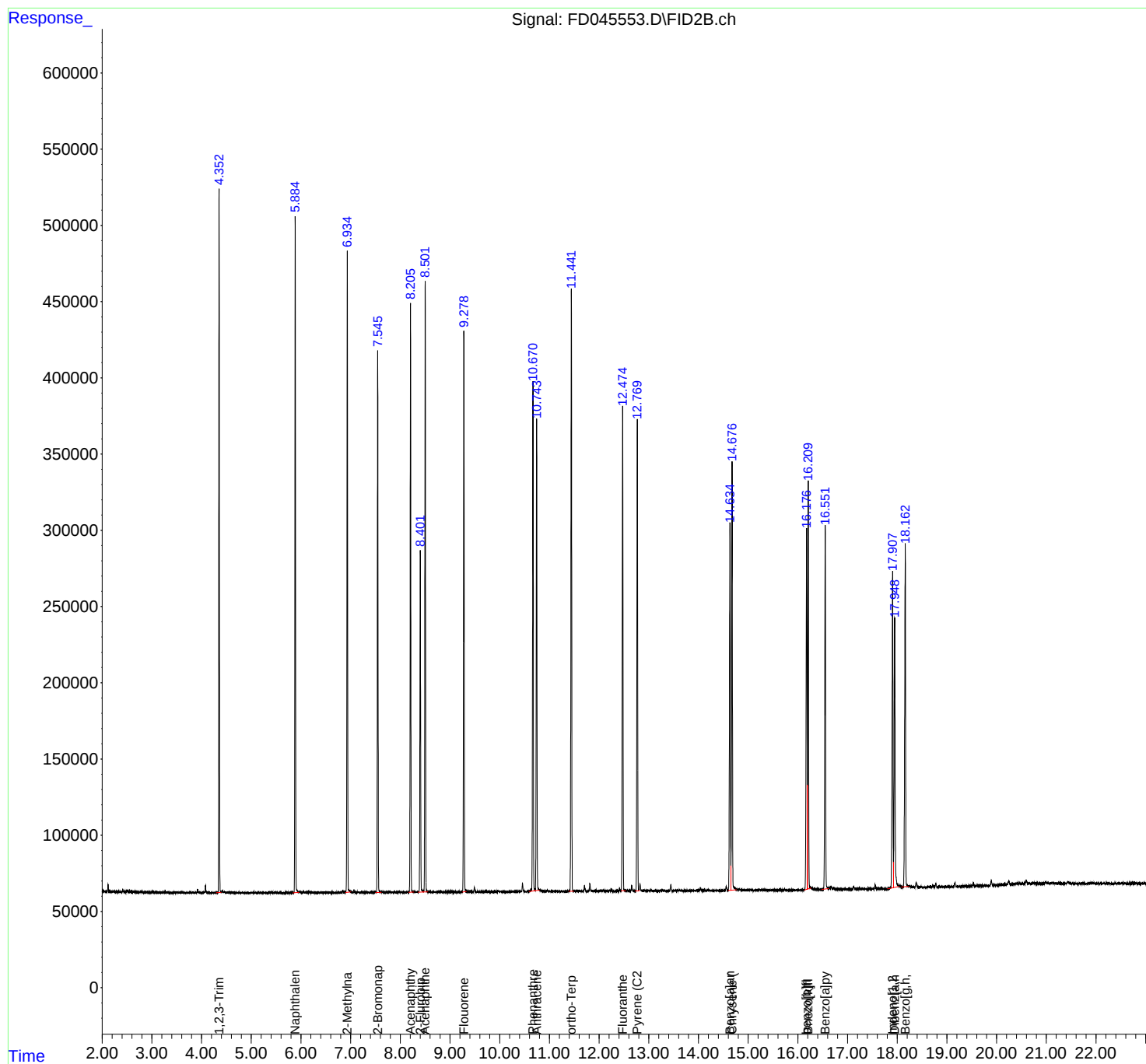
(m)=manual int.

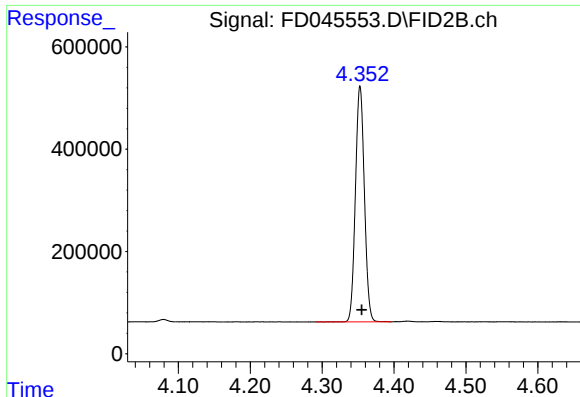
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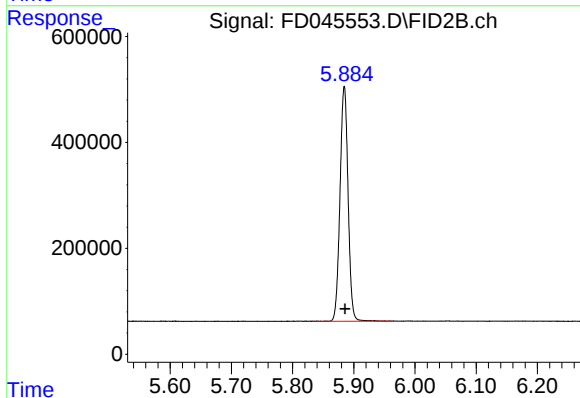




#1 1,2,3-Trimethylbenzene (C10.1)

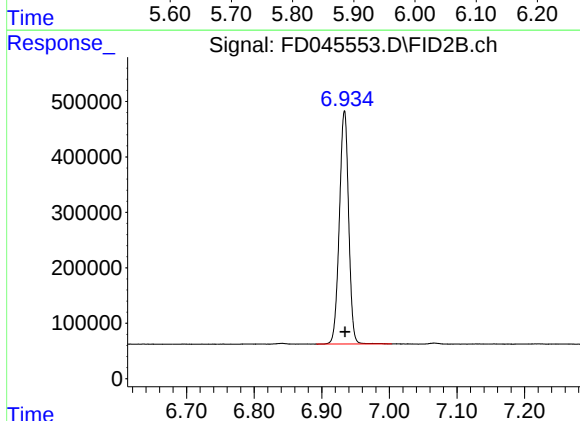
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3981262
Conc: 23.76 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



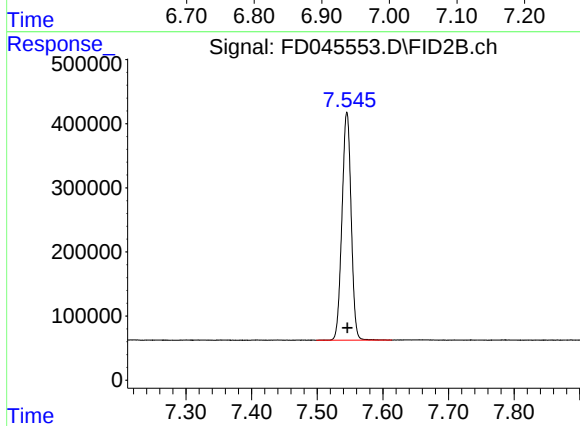
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 4058738
Conc: 23.72 ug/ml



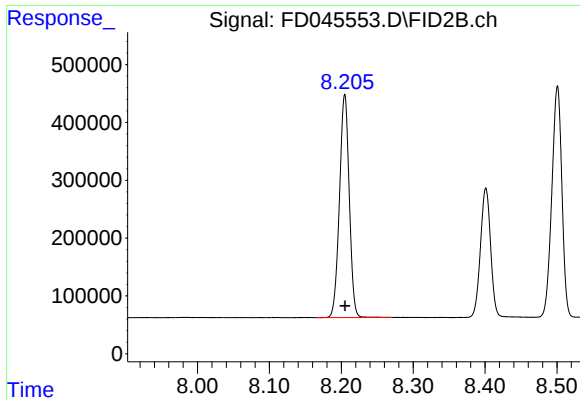
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 4014962
Conc: 23.73 ug/ml



#4 2-Bromonaphthalene (SURR)

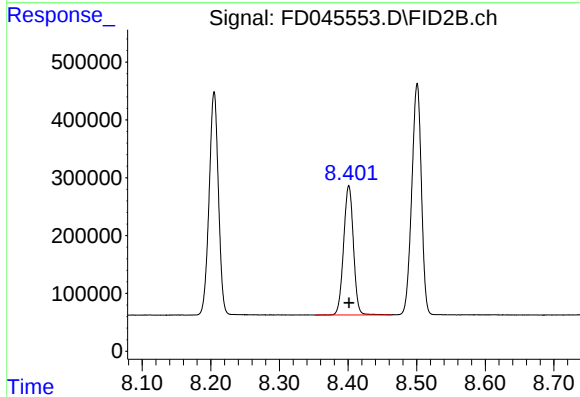
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 3449687
Conc: 23.86 ug/ml



#5 Acenaphthylene (C15.06)

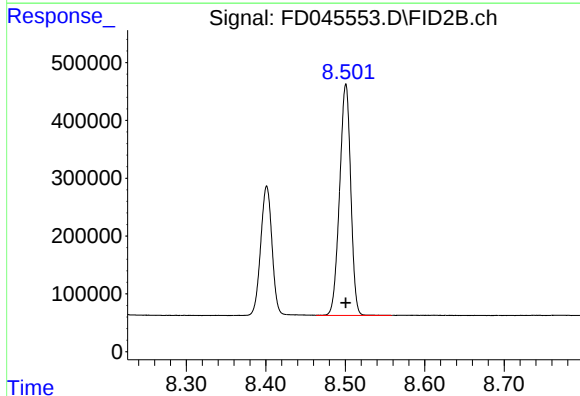
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 3638137
Conc: 24.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



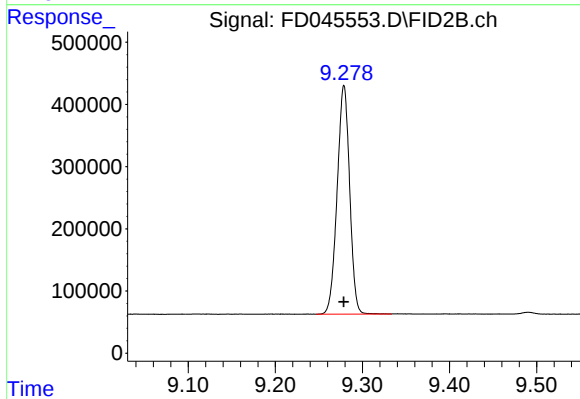
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2223986
Conc: 23.85 ug/ml



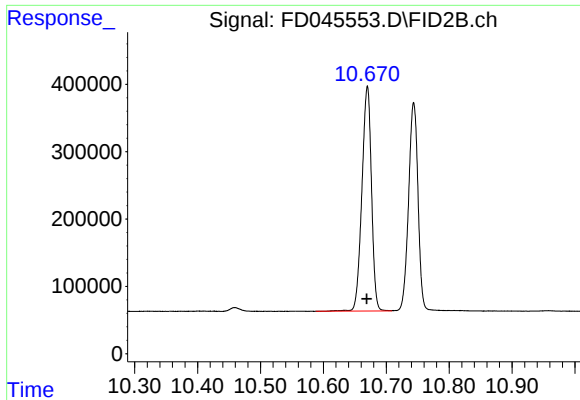
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3898822
Conc: 24.05 ug/ml



#8 Flouorene (C16.55)

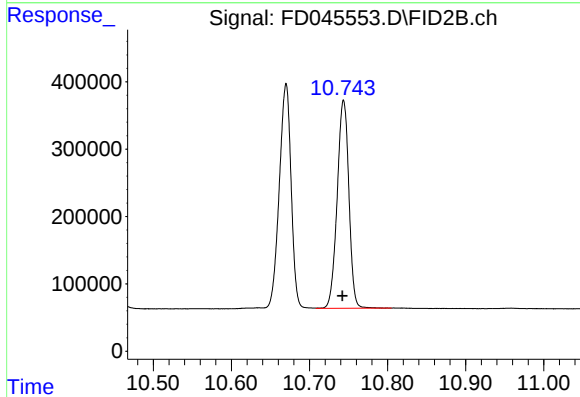
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3664634
Conc: 23.79 ug/ml



#9 Phenanthrene (C19.36)

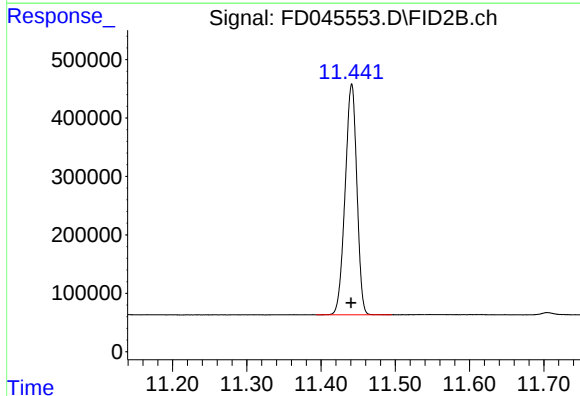
R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 3527222
Conc: 23.65 ug/ml

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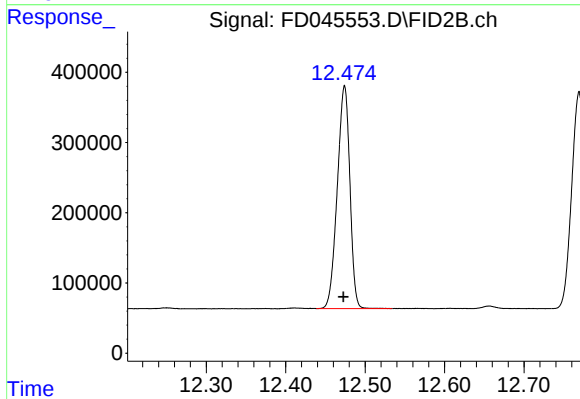
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: 0.001 min
Response: 3219499
Conc: 24.92 ug/ml



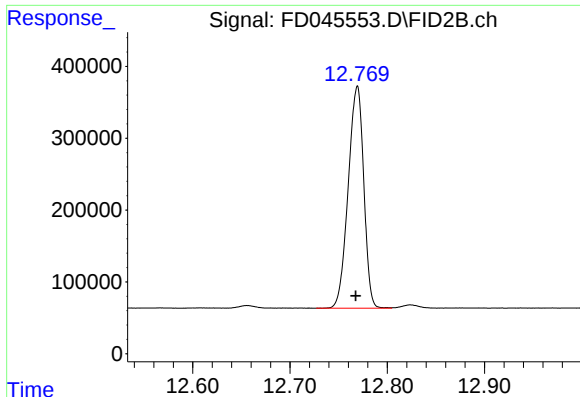
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 4333883
Conc: 24.22 ug/ml



#12 Fluoranthene (C21.85)

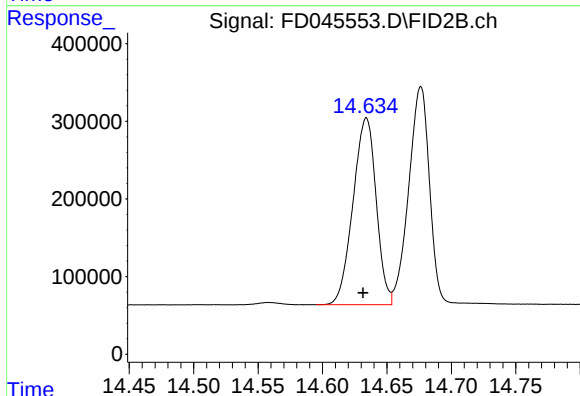
R.T.: 12.474 min
Delta R.T.: 0.001 min
Response: 3485723
Conc: 23.68 ug/ml



#13 Pyrene (C20.8)

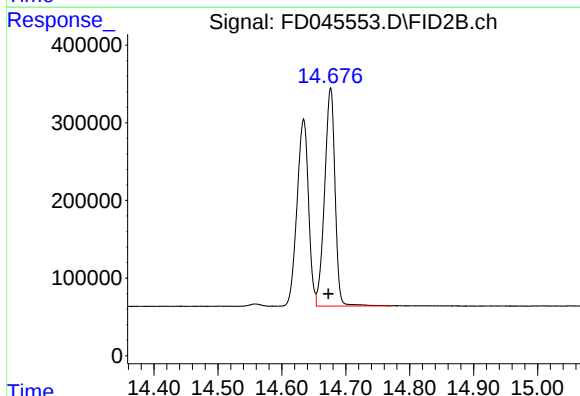
R.T.: 12.769 min
Delta R.T.: 0.001 min
Response: 3435150
Conc: 23.95 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



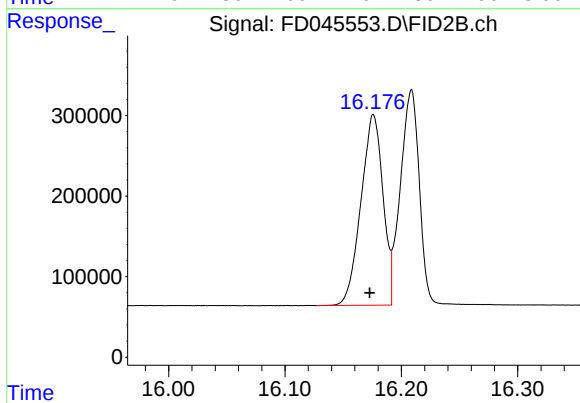
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: 0.002 min
Response: 3007653
Conc: 22.95 ug/ml



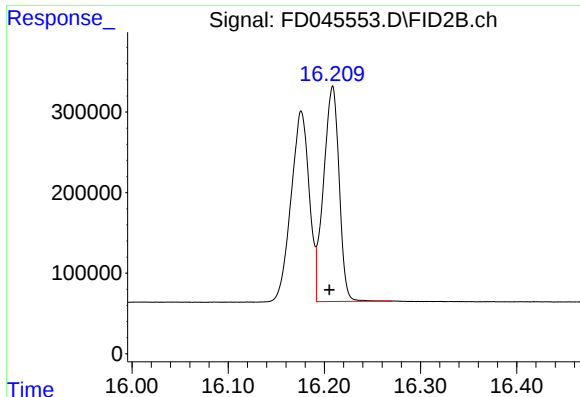
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.003 min
Response: 3183798
Conc: 23.32 ug/ml



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

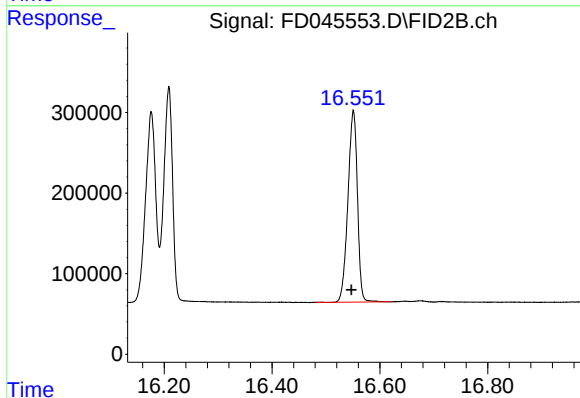
R.T.: 16.176 min
Delta R.T.: 0.003 min
Response: 3112761
Conc: 23.31 ug/ml



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

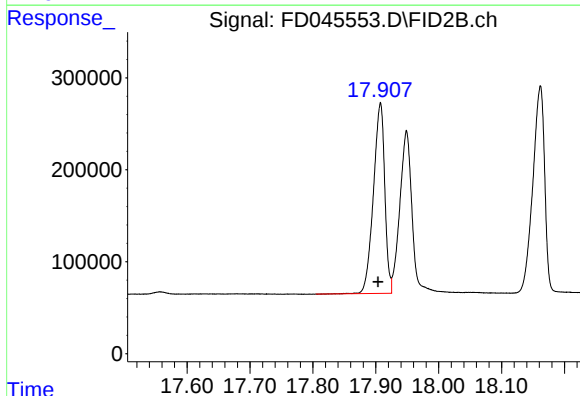
R.T.: 16.208 min
Delta R.T.: 0.003 min
Response: 3018015
Conc: 22.56 ug/ml

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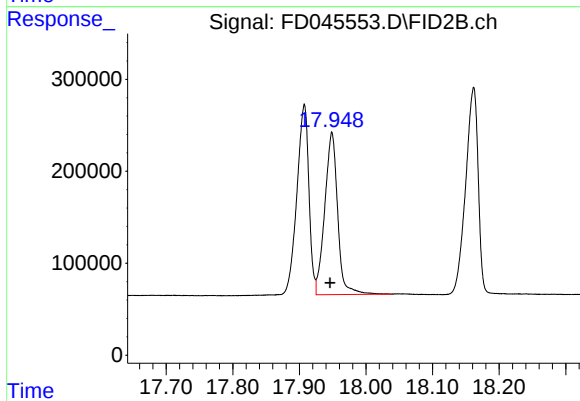
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.003 min
Response: 2909597
Conc: 22.74 ug/ml



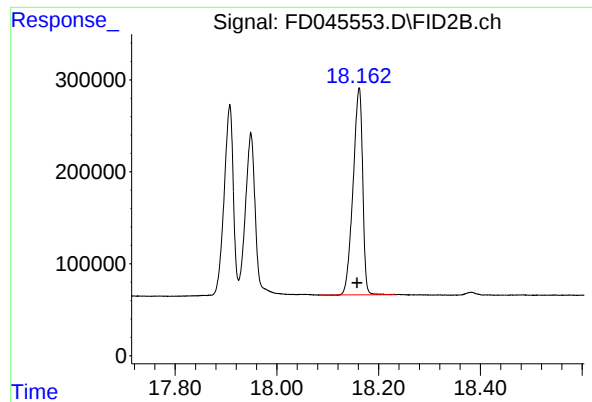
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: 0.003 min
Response: 2598631
Conc: 20.69 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.002 min
Response: 2380269
Conc: 17.47 ug/ml



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

R.T.: 18.161 min
Delta R.T.: 0.004 min
Response: 2942227
Conc: 22.46 ug/ml

Instrument :

FID_D

ClientSampleId :

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