

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045875.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 14:31
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 19 01:17:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.524	3504933	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
6) S 2-Fluorobiphenyl (SURR)	8.379	2304321	19.166 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.33%
11) S ortho-Terphenyl (SURR)	11.419	4201364	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.333	3995274	19.791 ug/ml
2) T Naphthalene (C11.7)	5.863	4112175	19.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	4110025	19.460 ug/ml
5) T Acenaphthylene (C15.06)	8.183	3635921	19.191 ug/ml
7) T Acenaphthene (C15.5)	8.478	3889024	19.235 ug/ml
8) T Fluorene (C16.55)	9.257	3762096	18.988 ug/ml
9) T Phenanthrene (C19.36)	10.648	3591917	18.775 ug/ml
10) T Anthracene (C19.43)	10.722	3217886	18.890 ug/ml
12) T Fluoranthene (C21.85)	12.452	3377758	18.283 ug/ml
13) T Pyrene (C20.8)	12.746	3263461	18.273 ug/ml
14) T Benzo[a]anthracene (C...	14.610	2915575	18.622 ug/ml
15) T Chrysene (C27.41)	14.653	3071379	18.617 ug/ml
16) T benzo[b]fluoranthene ...	16.153	2930059	19.360 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	2912428	18.812 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.528	2879134	19.688 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	2873381	19.618 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	2984445	19.894 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	2971277	20.137 ug/ml

(f)=RT Delta > 1/2 Window

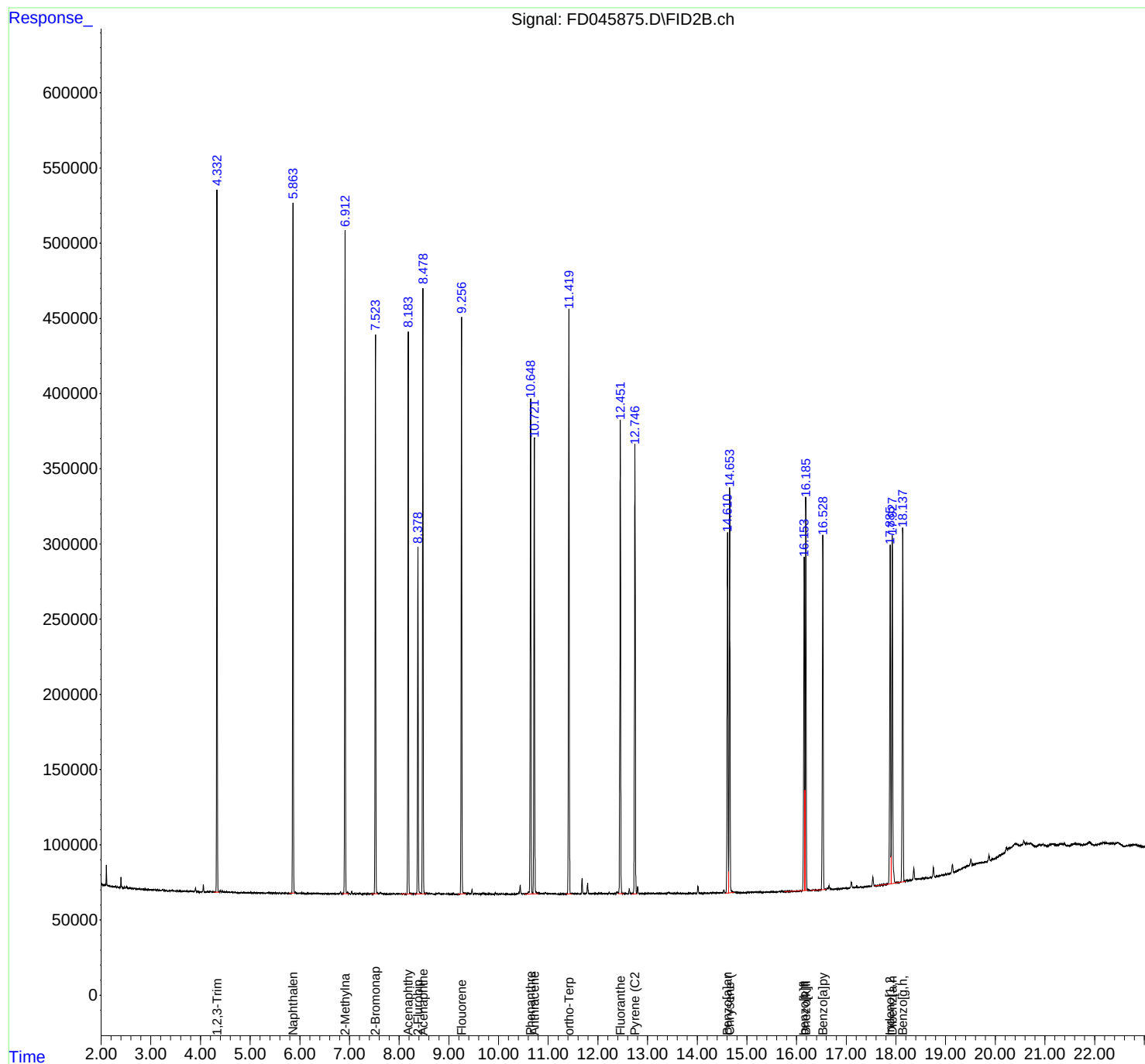
(m)=manual int.

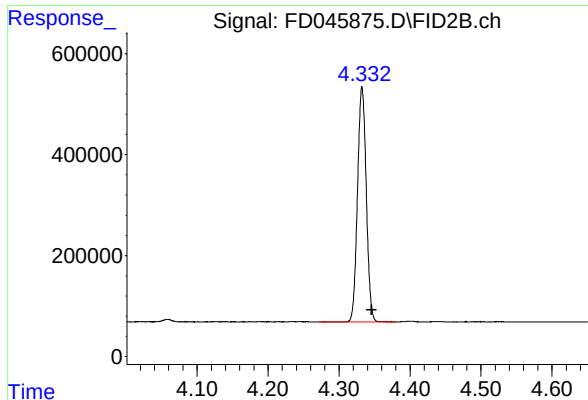
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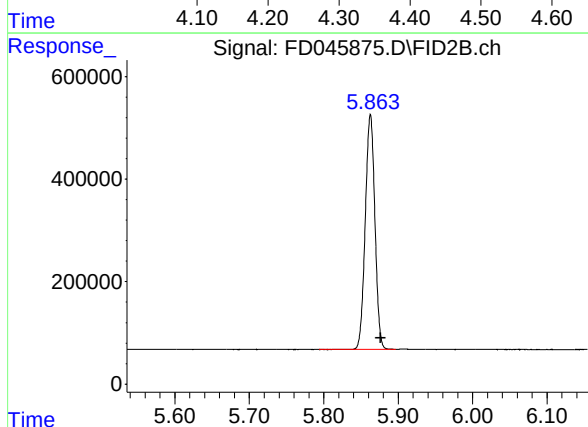




#1 1,2,3-Trimethylbenzene (C10.1)

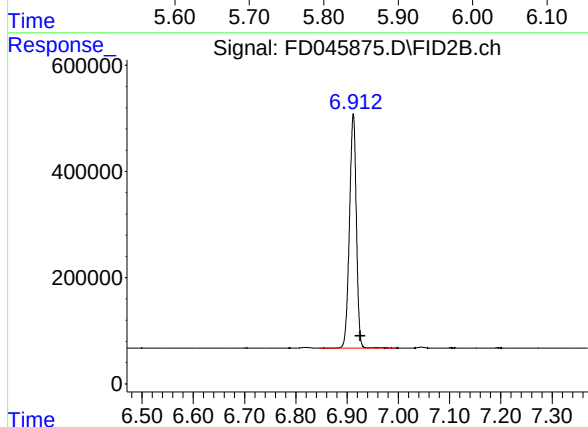
R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 3995274
Conc: 19.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



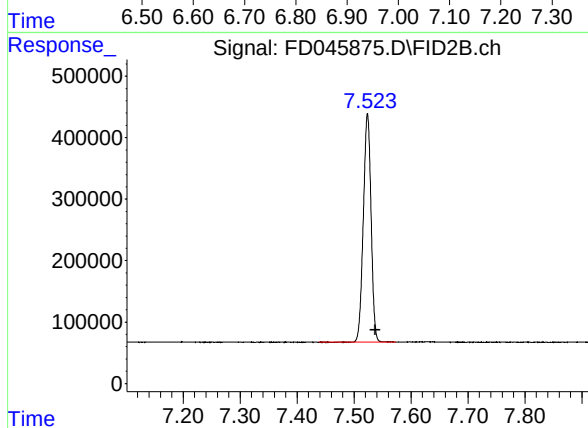
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 4112175
Conc: 19.41 ug/ml



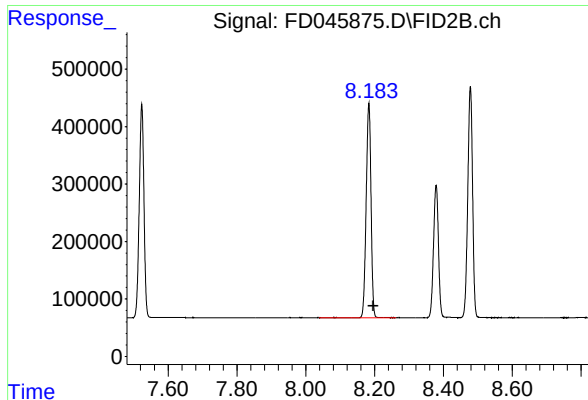
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 4110025
Conc: 19.46 ug/ml



#4 2-Bromonaphthalene (SURR)

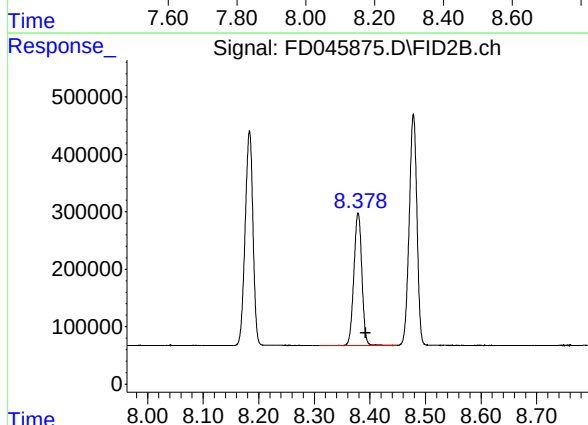
R.T.: 7.524 min
Delta R.T.: -0.014 min
Response: 3504933
Conc: 19.44 ug/ml



#5 Acenaphthylene (C15.06)

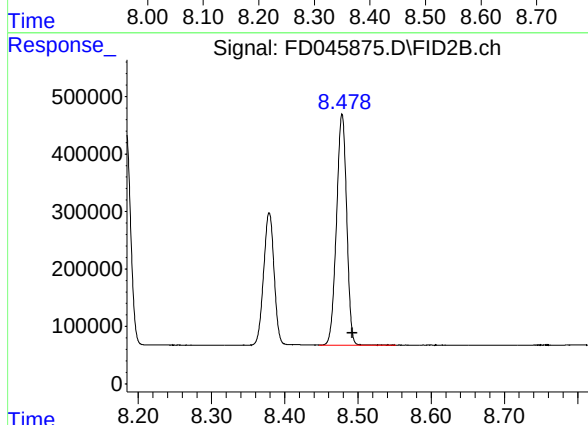
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 3635921
Conc: 19.19 ug/ml

Instrument :
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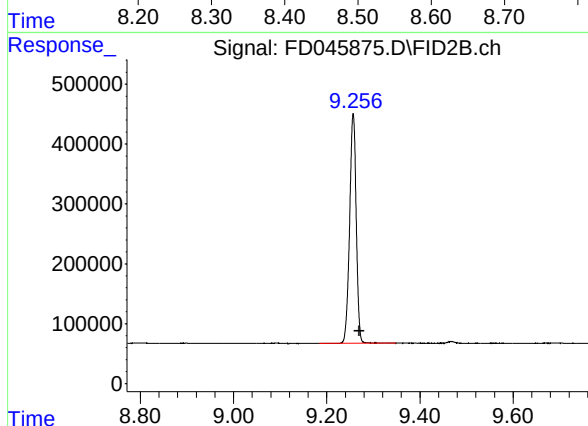
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 2304321
Conc: 19.17 ug/ml



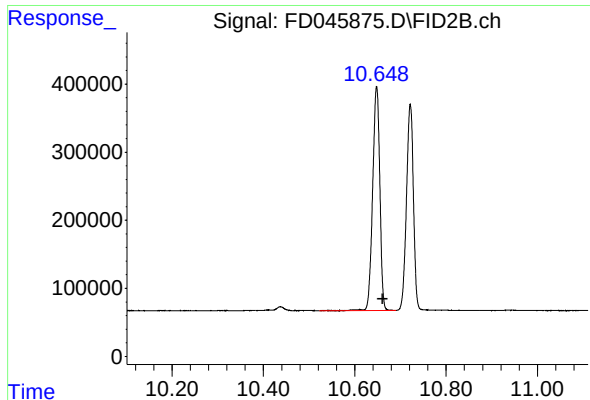
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 3889024
Conc: 19.24 ug/ml



#8 Flouorene (C16.55)

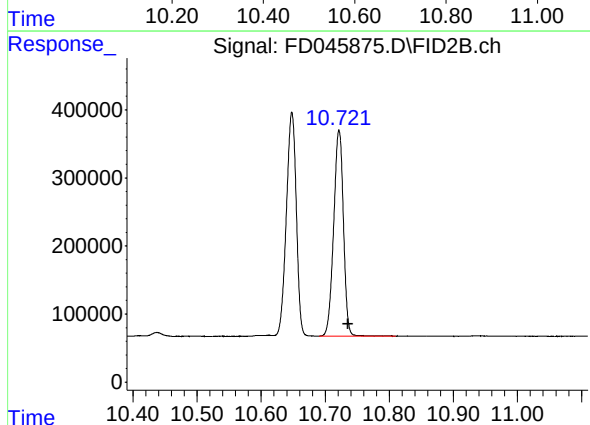
R.T.: 9.257 min
Delta R.T.: -0.014 min
Response: 3762096
Conc: 18.99 ug/ml



#9 Phenanthrene (C19.36)

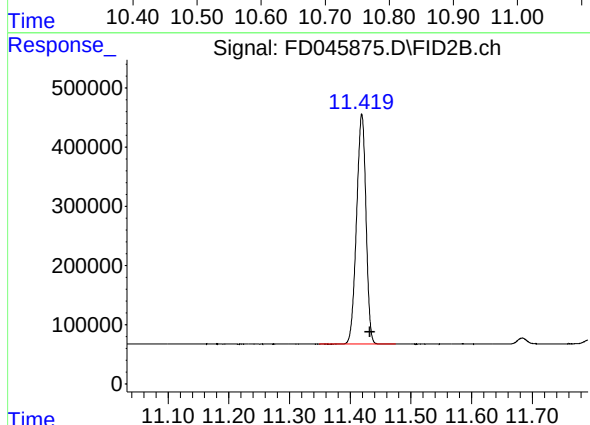
R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 3591917
Conc: 18.78 ug/ml

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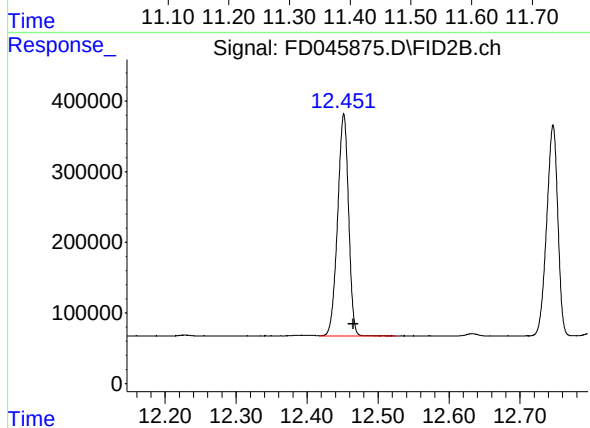
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: -0.014 min
Response: 3217886
Conc: 18.89 ug/ml



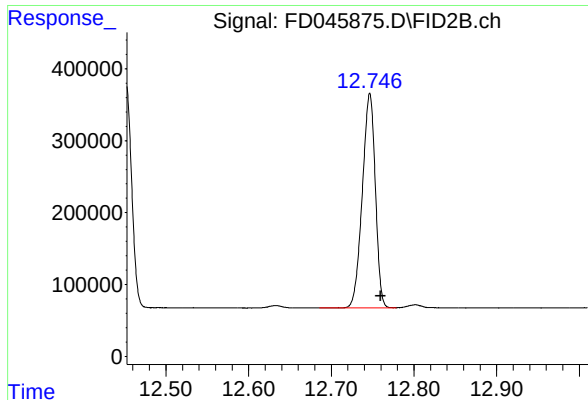
#11 ortho-Terphenyl (SURRE)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 4201364
Conc: 18.81 ug/ml



#12 Fluoranthene (C21.85)

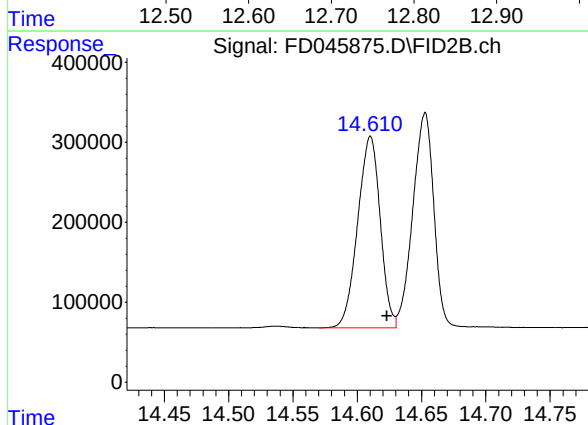
R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 3377758
Conc: 18.28 ug/ml



#13 Pyrene (C20.8)

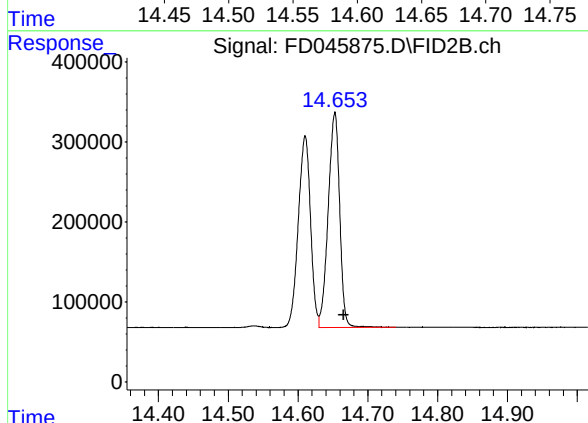
R.T.: 12.746 min
Delta R.T.: -0.013 min
Response: 3263461
Conc: 18.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



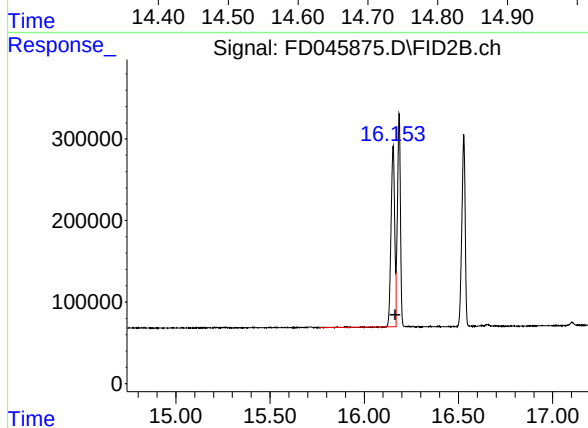
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 2915575
Conc: 18.62 ug/ml



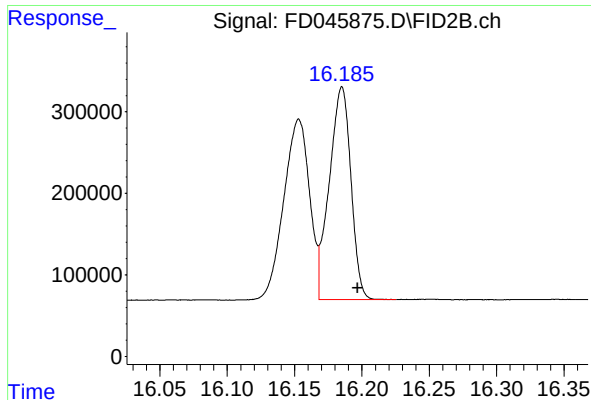
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: -0.013 min
Response: 3071379
Conc: 18.62 ug/ml



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

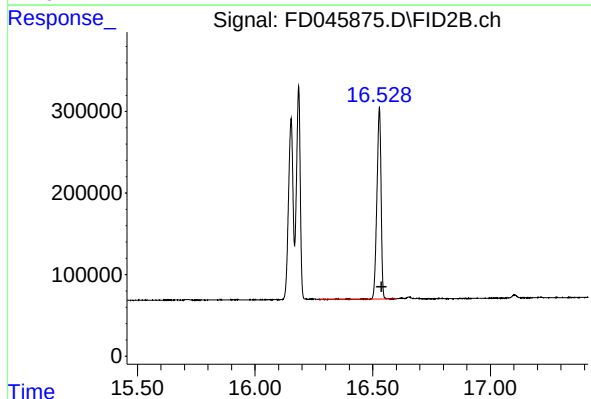
R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 2930059
Conc: 19.36 ug/ml



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

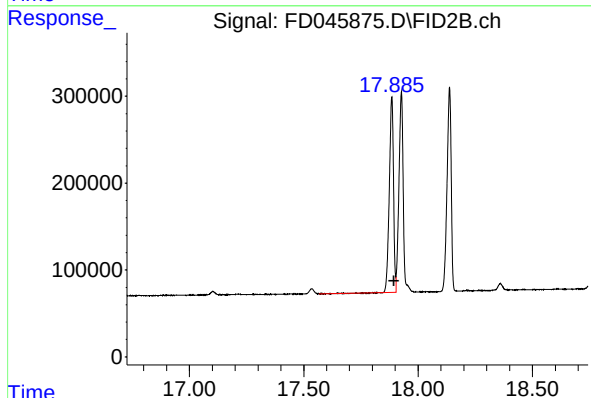
R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 2912428
Conc: 18.81 ug/ml

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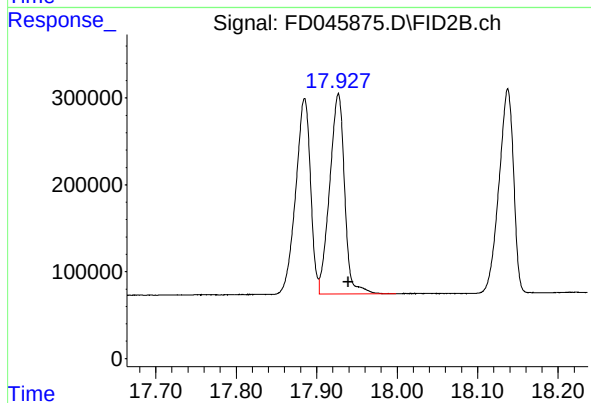
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.528 min
Delta R.T.: -0.011 min
Response: 2879134
Conc: 19.69 ug/ml



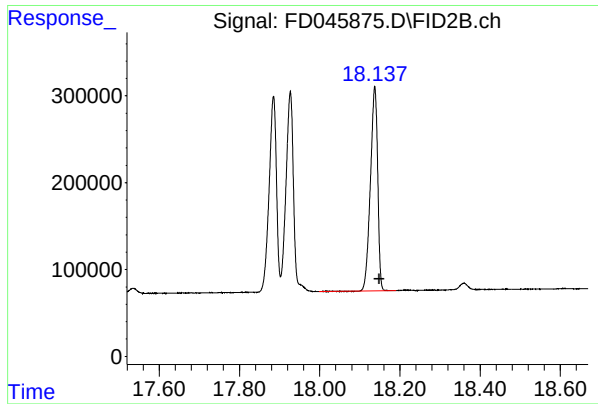
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: -0.010 min
Response: 2873381
Conc: 19.62 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.012 min
Response: 2984445
Conc: 19.89 ug/ml



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

R.T.: 18.137 min

Delta R.T.: -0.012 min

Response: 2971277

Conc: 20.14 ug/ml

Instrument :

FID_D

ClientSampleId :

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