

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD045991.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 09:45
 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 27 11:02:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	4075575	18.912 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
6) S 2-Fluorobiphenyl (SURR)	8.374	2628353	18.991 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.98%
11) S ortho-Terphenyl (SURR)	11.413	4850798	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.326	4683430	18.801 ug/ml
2) T Naphthalene (C11.7)	5.856	4795713	18.798 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	4760154	18.882 ug/ml
5) T Acenaphthylene (C15.06)	8.177	4156529	19.137 ug/ml
7) T Acenaphthene (C15.5)	8.473	4478011	18.997 ug/ml
8) T Fluorene (C16.55)	9.252	4308847	19.044 ug/ml
9) T Phenanthrene (C19.36)	10.642	4053353	18.996 ug/ml
10) T Anthracene (C19.43)	10.716	3096696	19.489 ug/ml
12) T Fluoranthene (C21.85)	12.447	3838468	18.756 ug/ml
13) T Pyrene (C20.8)	12.741	3896171	20.038 ug/ml
14) T Benzo[a]anthracene (C...	14.606	3368139	18.728 ug/ml
15) T Chrysene (C27.41)	14.649	3792483	19.322 ug/ml
16) T benzo[b]fluoranthene ...	16.149	3678900	19.615 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	3785467	19.137 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	3409956	19.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	3686894	19.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	3937974	21.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	3566388	19.087 ug/ml

(f)=RT Delta > 1/2 Window

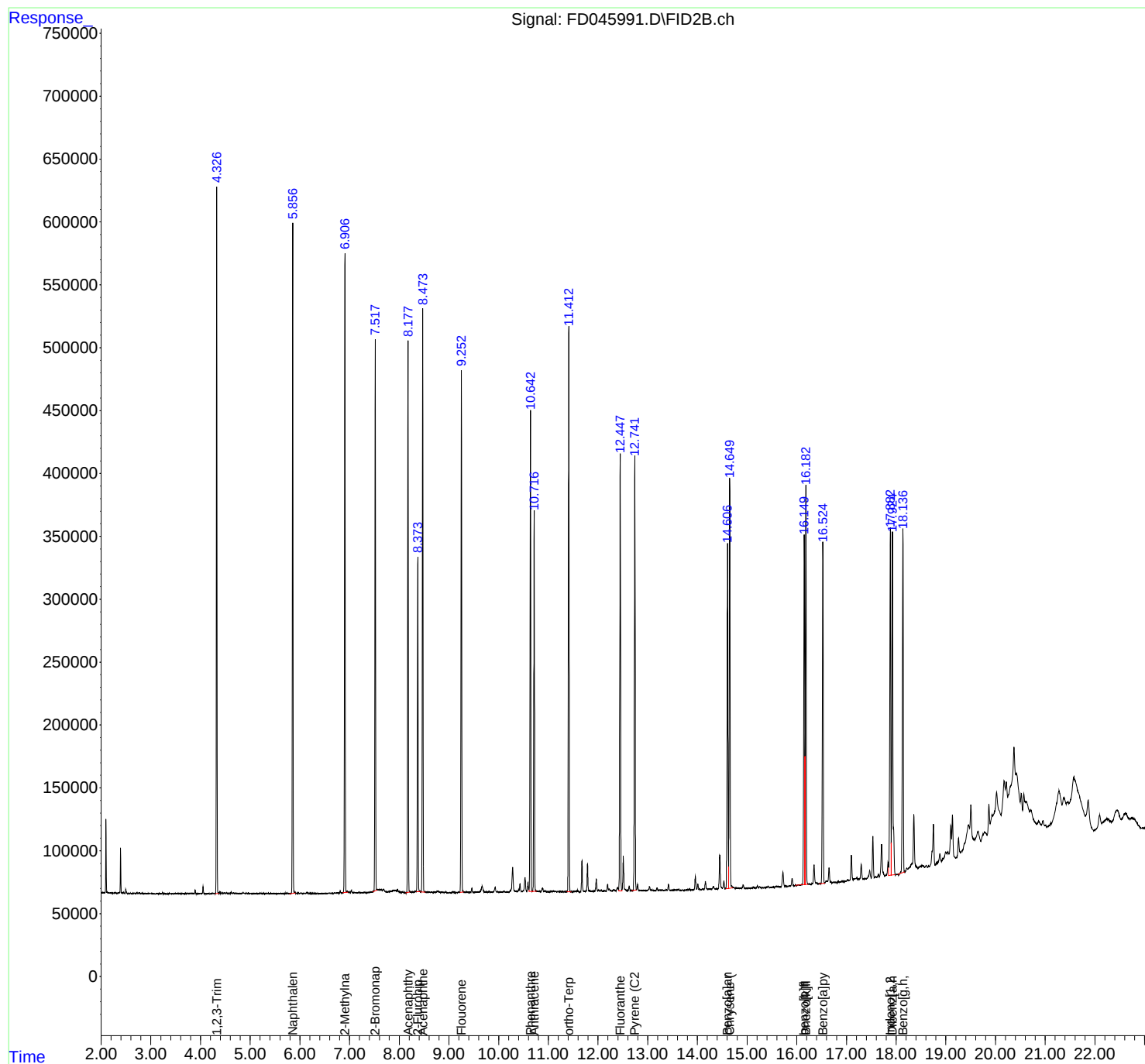
(m)=manual int.

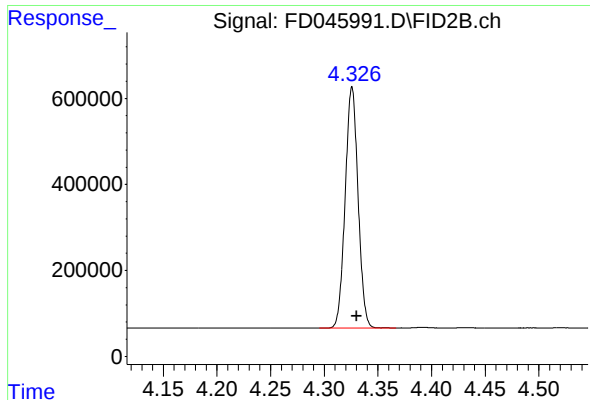
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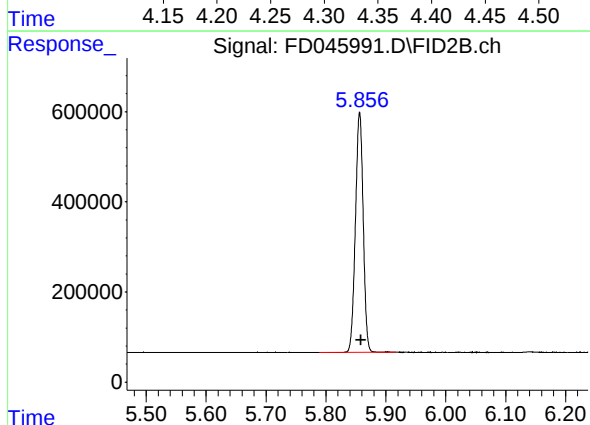




#1 1,2,3-Trimethylbenzene (C10.1)

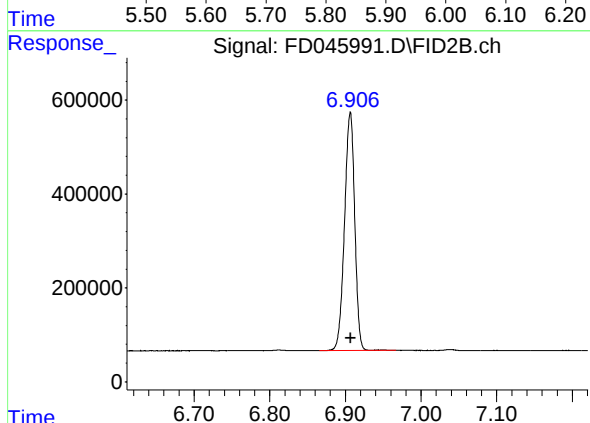
R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 4683430
Conc: 18.80 ug/ml

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20 PPM AROMATIC HC STD



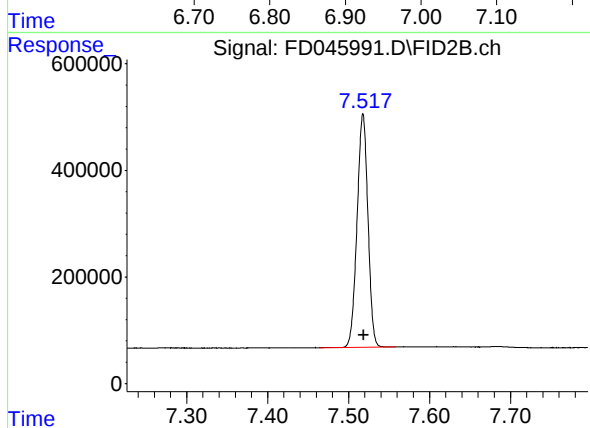
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 4795713
Conc: 18.80 ug/ml



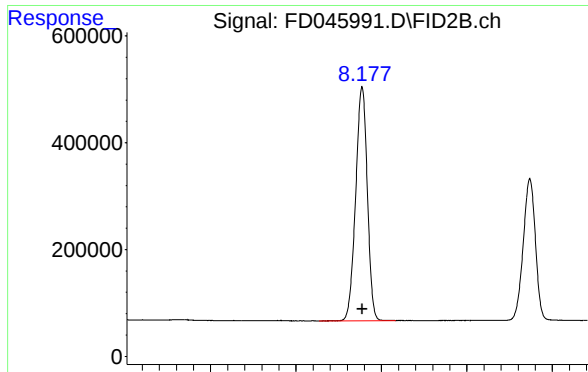
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 4760154
Conc: 18.88 ug/ml



#4 2-Bromonaphthalene (SURR)

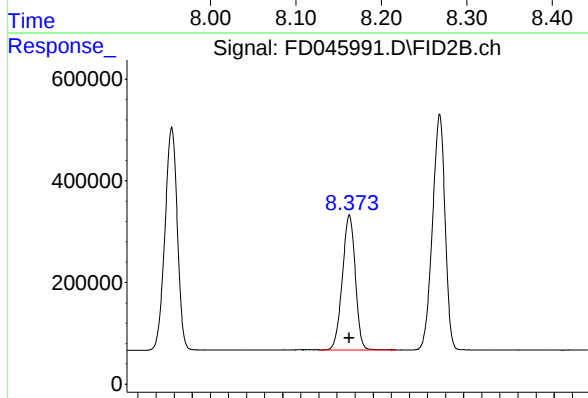
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4075575
Conc: 18.91 ug/ml



#5 Acenaphthylene (C15.06)

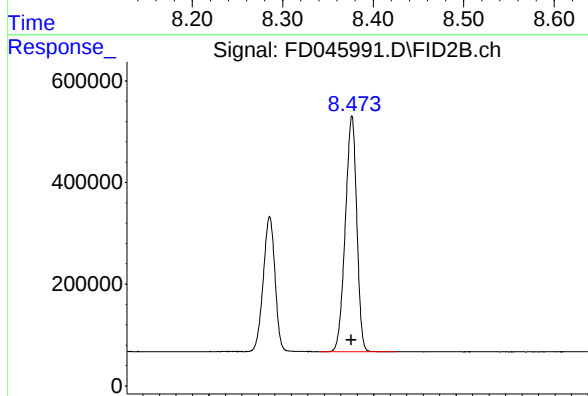
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 4156529
Conc: 19.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



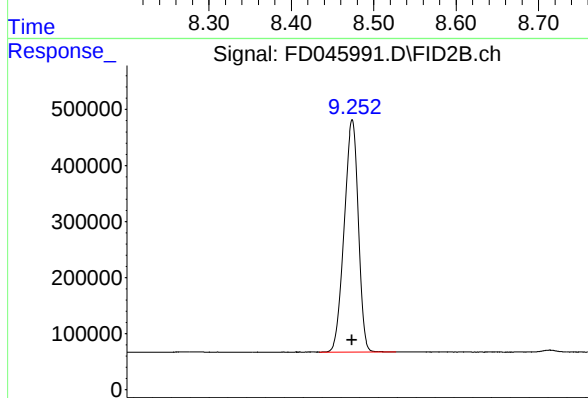
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 2628353
Conc: 18.99 ug/ml



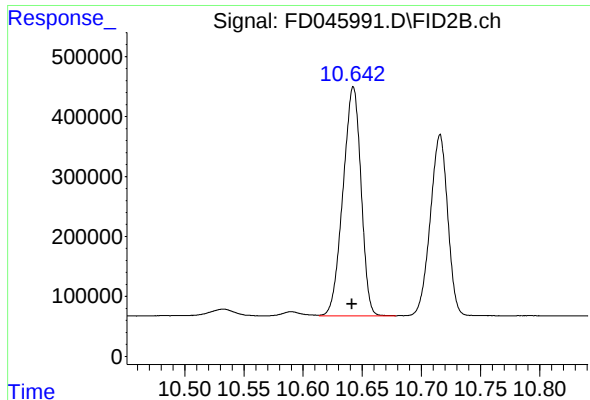
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 4478011
Conc: 19.00 ug/ml



#8 Fluorene (C16.55)

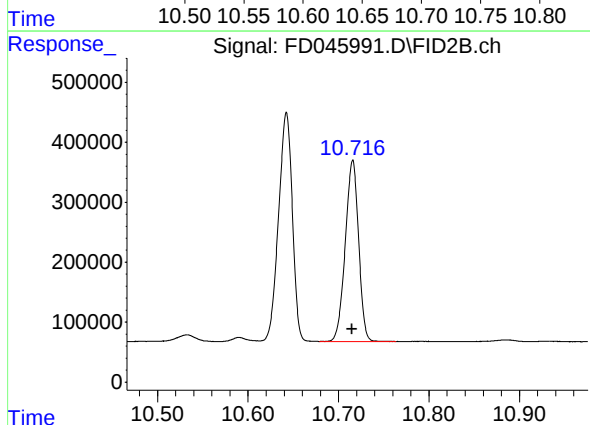
R.T.: 9.252 min
Delta R.T.: 0.000 min
Response: 4308847
Conc: 19.04 ug/ml



#9 Phenanthrene (C19.36)

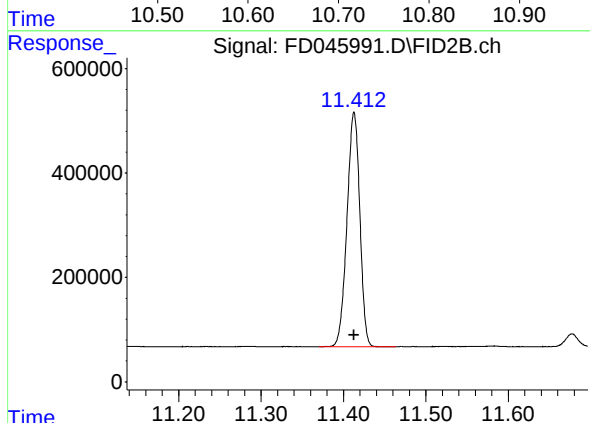
R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 4053353
Conc: 19.00 ug/ml

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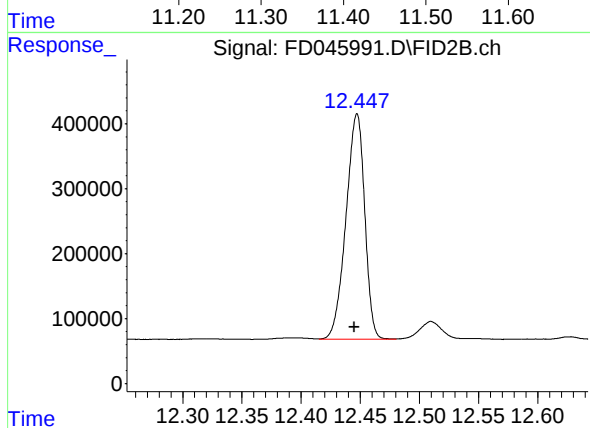
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: 0.000 min
Response: 3096696
Conc: 19.49 ug/ml



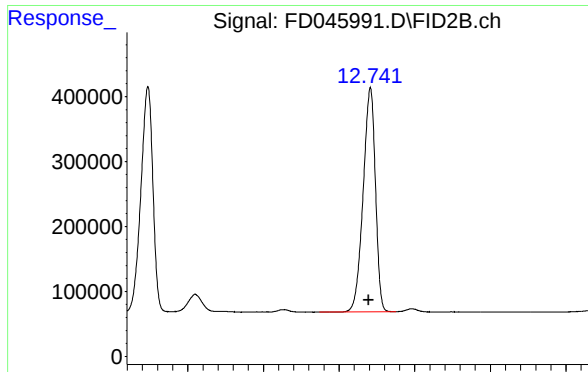
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: 0.000 min
Response: 4850798
Conc: 19.13 ug/ml



#12 Fluoranthene (C21.85)

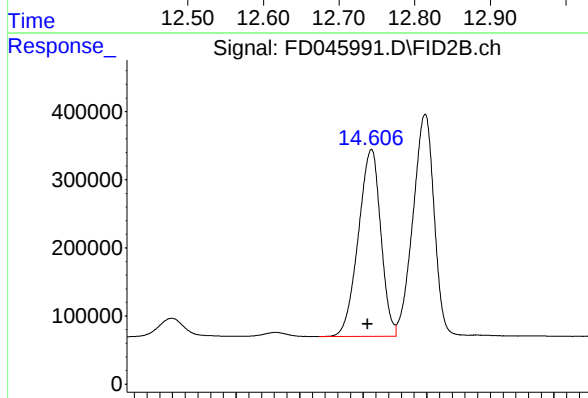
R.T.: 12.447 min
Delta R.T.: 0.002 min
Response: 3838468
Conc: 18.76 ug/ml



#13 Pyrene (C20.8)

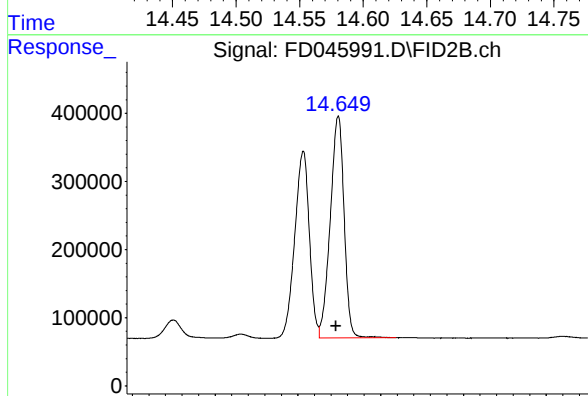
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 3896171
Conc: 20.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



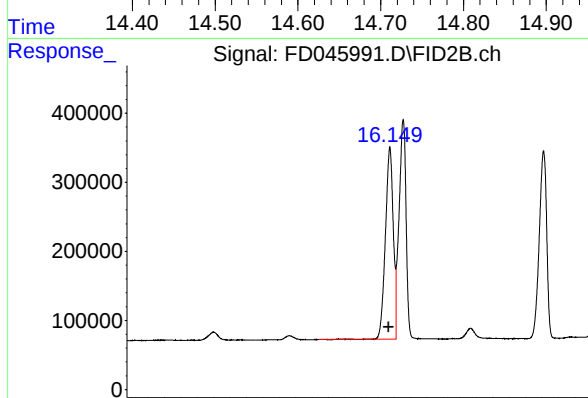
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.606 min
Delta R.T.: 0.003 min
Response: 3368139
Conc: 18.73 ug/ml



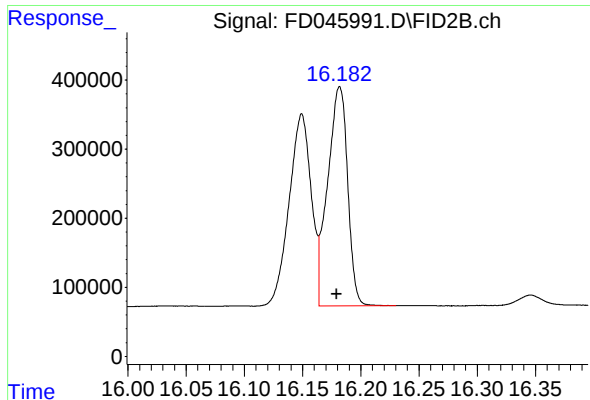
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: 0.002 min
Response: 3792483
Conc: 19.32 ug/ml



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

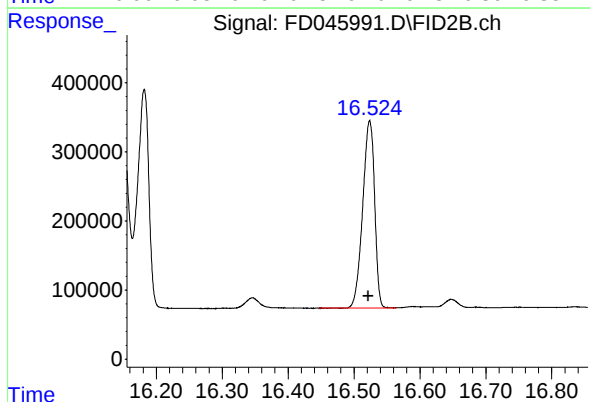
R.T.: 16.149 min
Delta R.T.: 0.003 min
Response: 3678900
Conc: 19.61 ug/ml



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

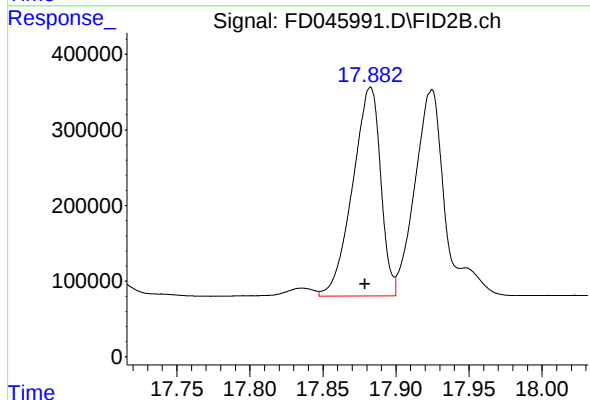
R.T.: 16.182 min
Delta R.T.: 0.002 min
Response: 3785467
Conc: 19.14 ug/ml

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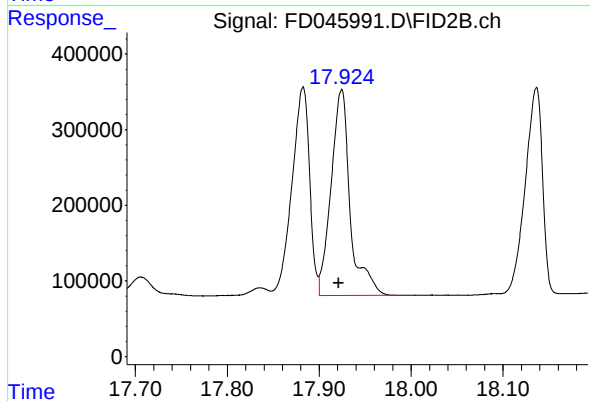
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: 0.002 min
Response: 3409956
Conc: 19.57 ug/ml



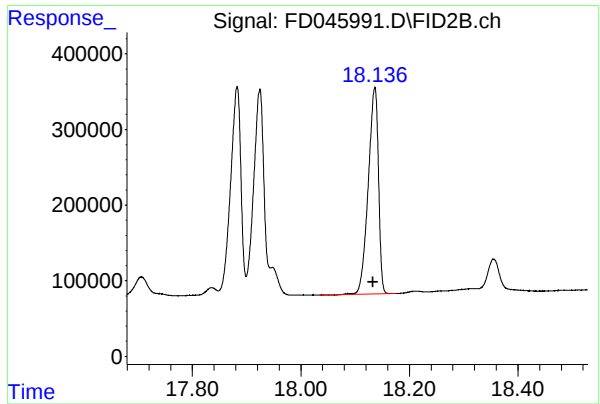
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.003 min
Response: 3686894
Conc: 19.81 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 3937974
Conc: 21.42 ug/ml



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

R.T.: 18.136 min

Delta R.T.: 0.003 min

Response: 3566388

Conc: 19.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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