

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045842.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 23:37
 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 15 02:56:00 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...	7.525	3547052	19.674 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.380	2307000	19.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.38%
11) S ortho-Terphenyl (SURR)	11.420	4209180	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	4090838	20.264 ug/ml
2) T Naphthalene (C11.7)	5.864	4198730	19.815 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	4143496	19.618 ug/ml
5) T Acenaphthylene (C15.06)	8.184	3696475	19.510 ug/ml
7) T Acenaphthene (C15.5)	8.480	3924399	19.410 ug/ml
8) T Fluorene (C16.55)	9.258	3792674	19.142 ug/ml
9) T Phenanthrene (C19.36)	10.648	3560254	18.610 ug/ml
10) T Anthracene (C19.43)	10.722	3322031	19.501 ug/ml
12) T Fluoranthene (C21.85)	12.452	3363055	18.203 ug/ml
13) T Pyrene (C20.8)	12.747	3265410	18.284 ug/ml
14) T Benzo[a]anthracene (C...	14.611	2841710	18.150 ug/ml
15) T Chrysene (C27.41)	14.653	3014187	18.270 ug/ml
16) T benzo[b]fluoranthene ...	16.151	2825642	18.670 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	2784810	17.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	2772075	18.956 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	2801420	19.127 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	2817786	18.783 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	2828410	19.169 ug/ml

(f)=RT Delta > 1/2 Window

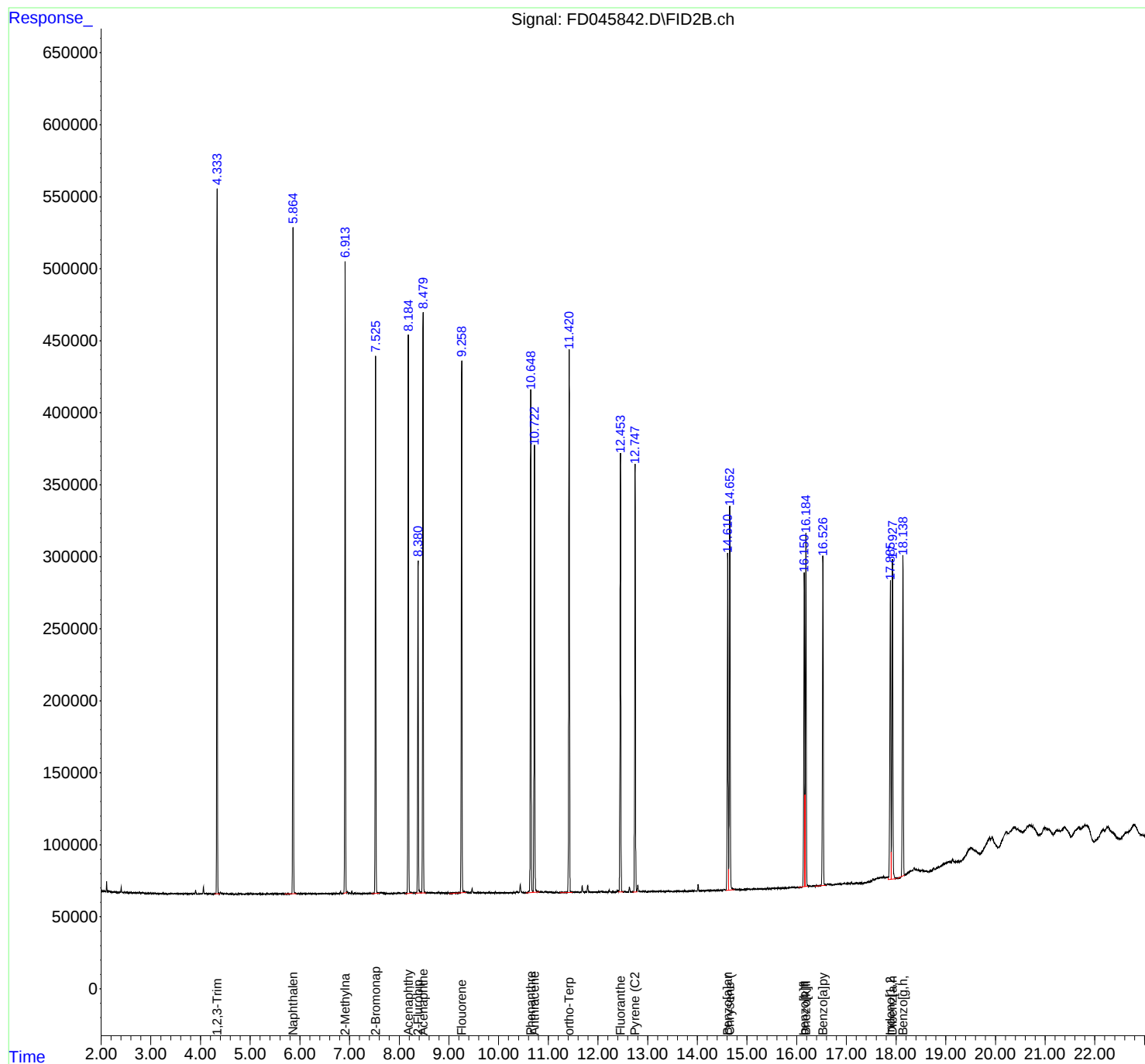
(m)=manual int.

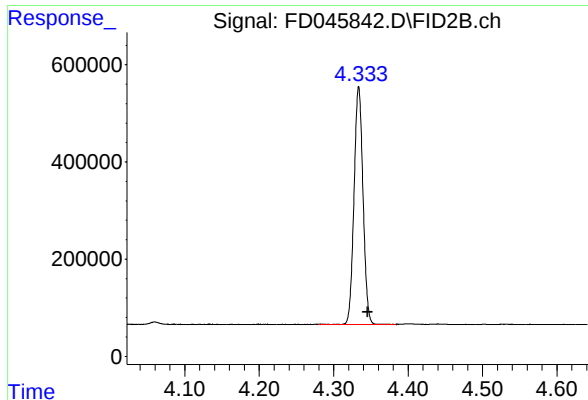
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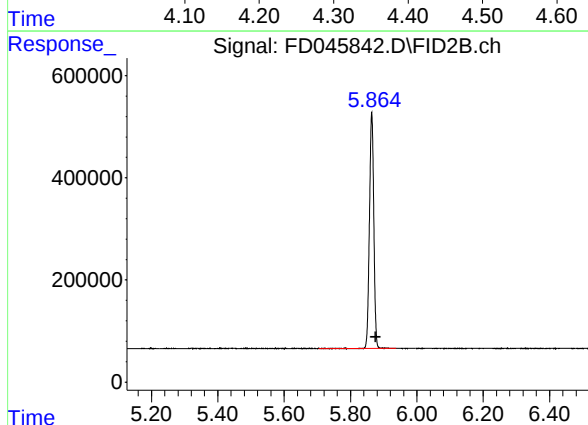




#1 1,2,3-Trimethylbenzene (C10.1)

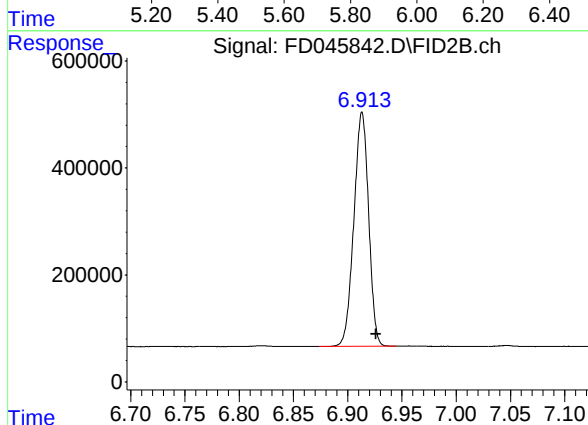
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 4090838
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



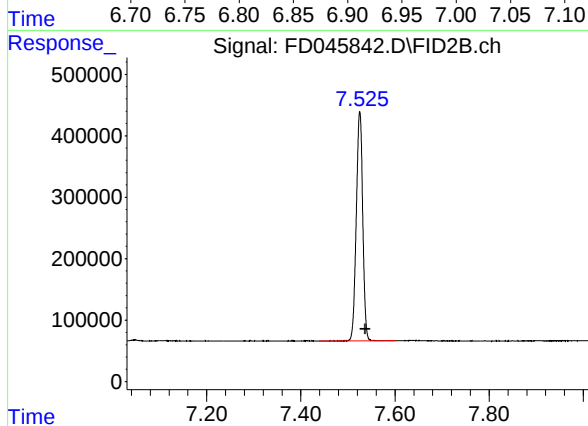
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 4198730
Conc: 19.82 ug/ml



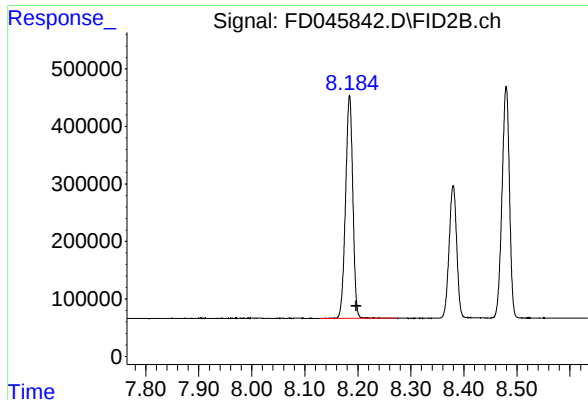
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 4143496
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

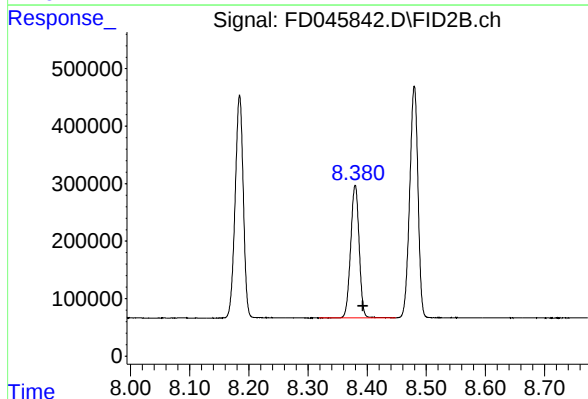
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 3547052
Conc: 19.67 ug/ml



#5 Acenaphthylene (C15.06)

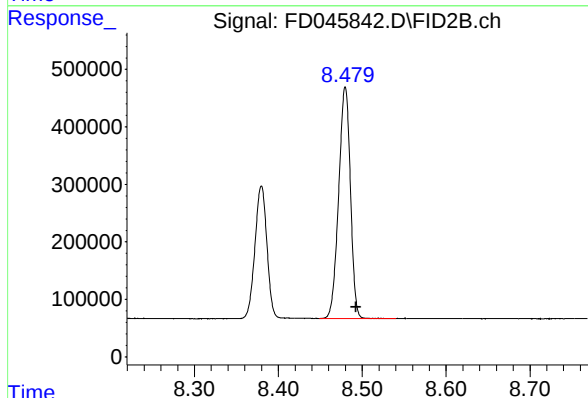
R.T.: 8.184 min
Delta R.T.: -0.012 min
Response: 3696475
Conc: 19.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



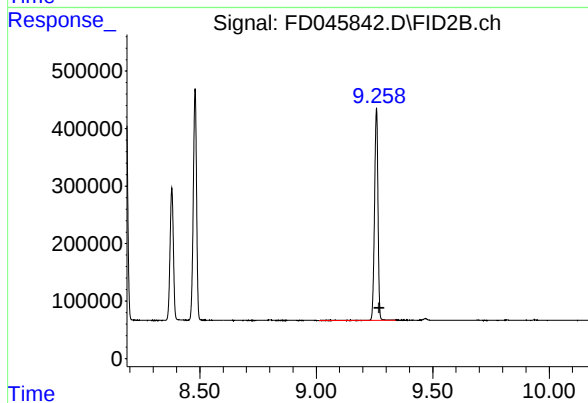
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 2307000
Conc: 19.19 ug/ml



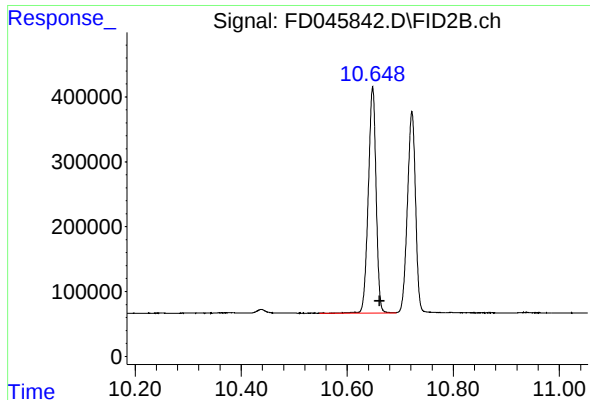
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: -0.013 min
Response: 3924399
Conc: 19.41 ug/ml



#8 Flouorene (C16.55)

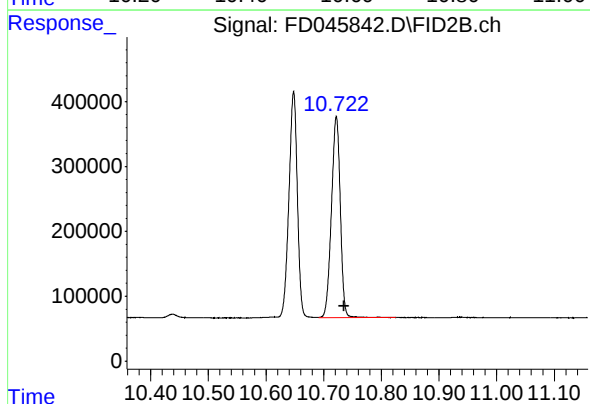
R.T.: 9.258 min
Delta R.T.: -0.012 min
Response: 3792674
Conc: 19.14 ug/ml



#9 Phenanthrene (C19.36)

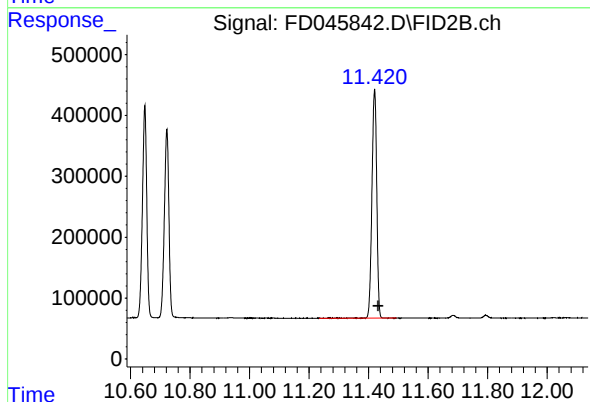
R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 3560254
Conc: 18.61 ug/ml

Instrument :
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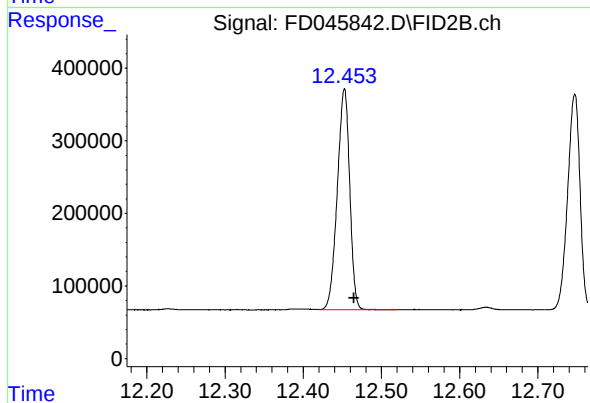
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: -0.013 min
Response: 3322031
Conc: 19.50 ug/ml



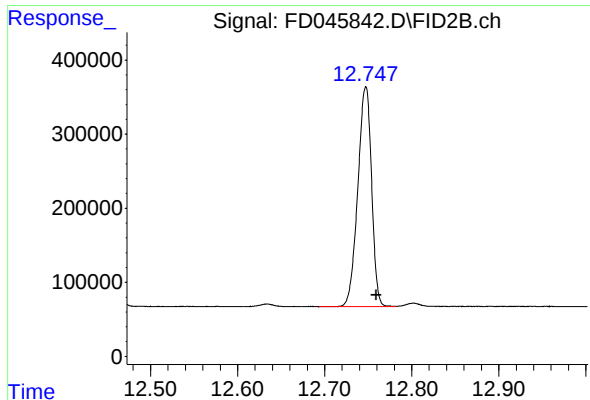
#11 ortho-Terphenyl (SURR)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 4209180
Conc: 18.84 ug/ml



#12 Fluoranthene (C21.85)

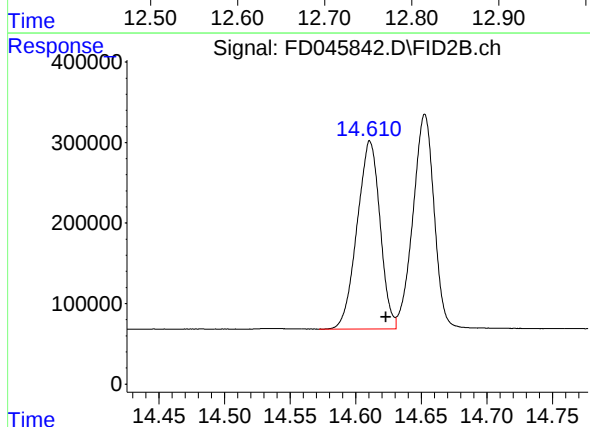
R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 3363055
Conc: 18.20 ug/ml



#13 Pyrene (C20.8)

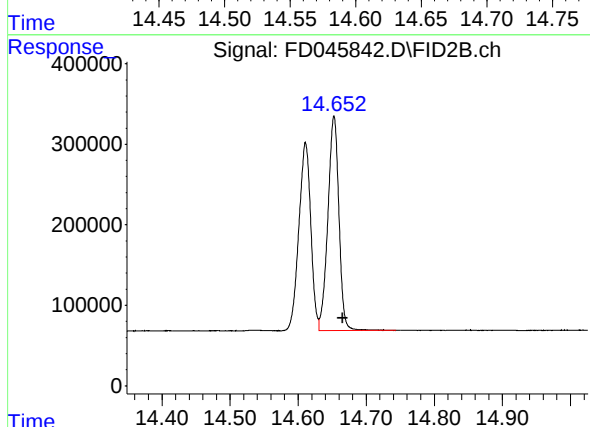
R.T.: 12.747 min
Delta R.T.: -0.012 min
Response: 3265410
Conc: 18.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



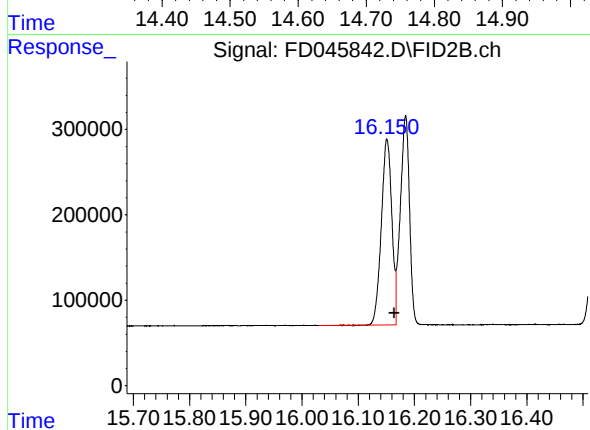
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: -0.012 min
Response: 2841710
Conc: 18.15 ug/ml



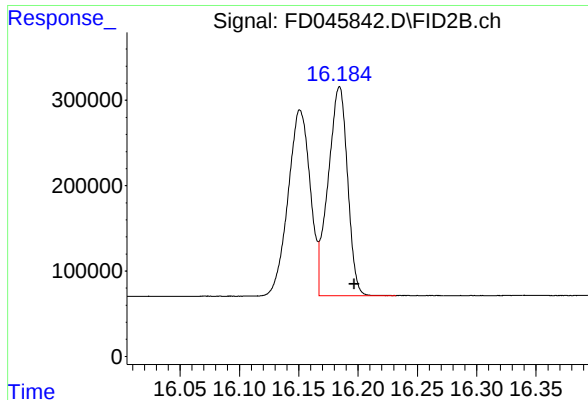
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: -0.013 min
Response: 3014187
Conc: 18.27 ug/ml



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

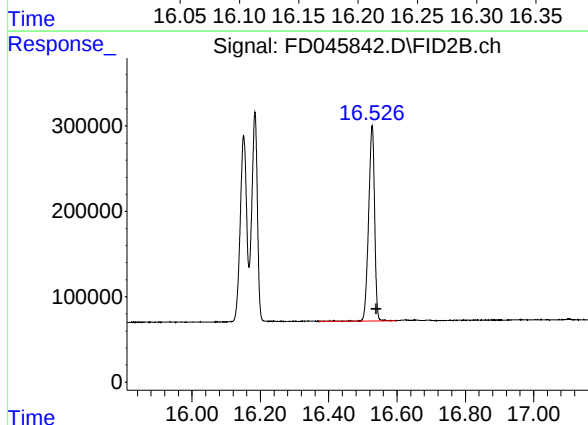
R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2825642
Conc: 18.67 ug/ml



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

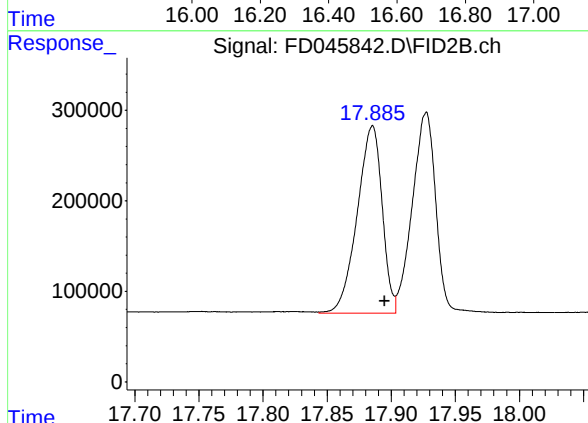
R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 2784810
Conc: 17.99 ug/ml

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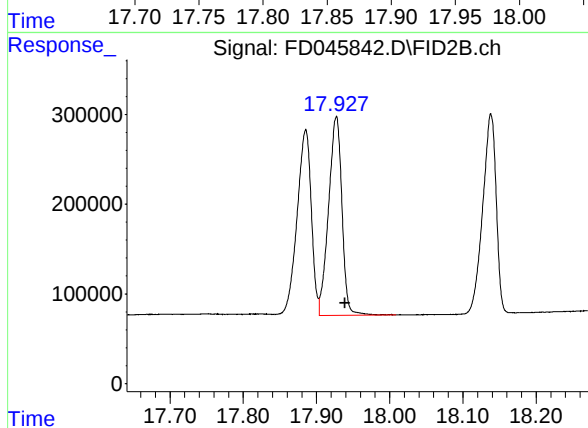
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.012 min
Response: 2772075
Conc: 18.96 ug/ml



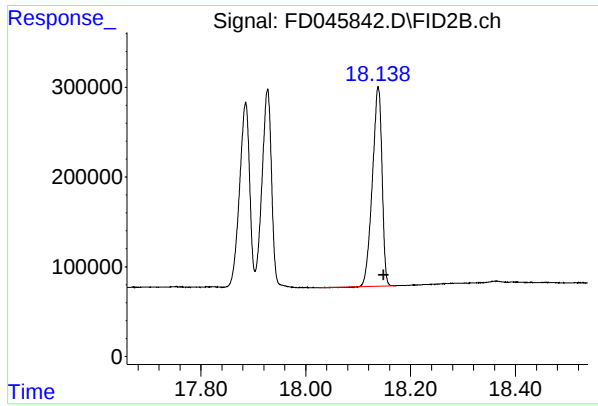
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: -0.010 min
Response: 2801420
Conc: 19.13 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.012 min
Response: 2817786
Conc: 18.78 ug/ml



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

R.T.: 18.138 min

Delta R.T.: -0.011 min

Response: 2828410

Conc: 19.17 ug/ml

Instrument :

FID_D

ClientSampleId :

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