

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121222AR\
 Data File : FD044628.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2022 11:09
 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: Dec 12 12:41:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.679	2688727	20.718 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.536	1813488	20.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.07%
11) S ortho-Terphenyl (SURR)	11.564	3367609	20.693 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	3014101	21.121 ug/ml
2) T Naphthalene (C11.7)	6.028	3147380	20.933 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	3132783	20.735 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2870226	20.647 ug/ml
7) T Acenaphthene (C15.5)	8.635	3044335	20.744 ug/ml
8) T Flouorene (C16.55)	9.411	2961093	20.536 ug/ml
9) T Phenanthrene (C19.36)	10.799	2891576	20.277 ug/ml
10) T Anthracene (C19.43)	10.873	2804646	20.187 ug/ml
12) T Fluoranthene (C21.85)	12.600	2912877	20.433 ug/ml
13) T Pyrene (C20.8)	12.895	2853818	20.506 ug/ml
14) T Benzo[a]anthracene (C...	14.754	2623272	20.274 ug/ml
15) T Chrysene (C27.41)	14.796	2728969	20.242 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2694475	20.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2653428	20.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2615476	20.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2480449	19.462 ug/ml
20) T Dibenz[a,h]anthracene...	18.063	2366272	18.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2556336	19.875 ug/ml

(f)=RT Delta > 1/2 Window

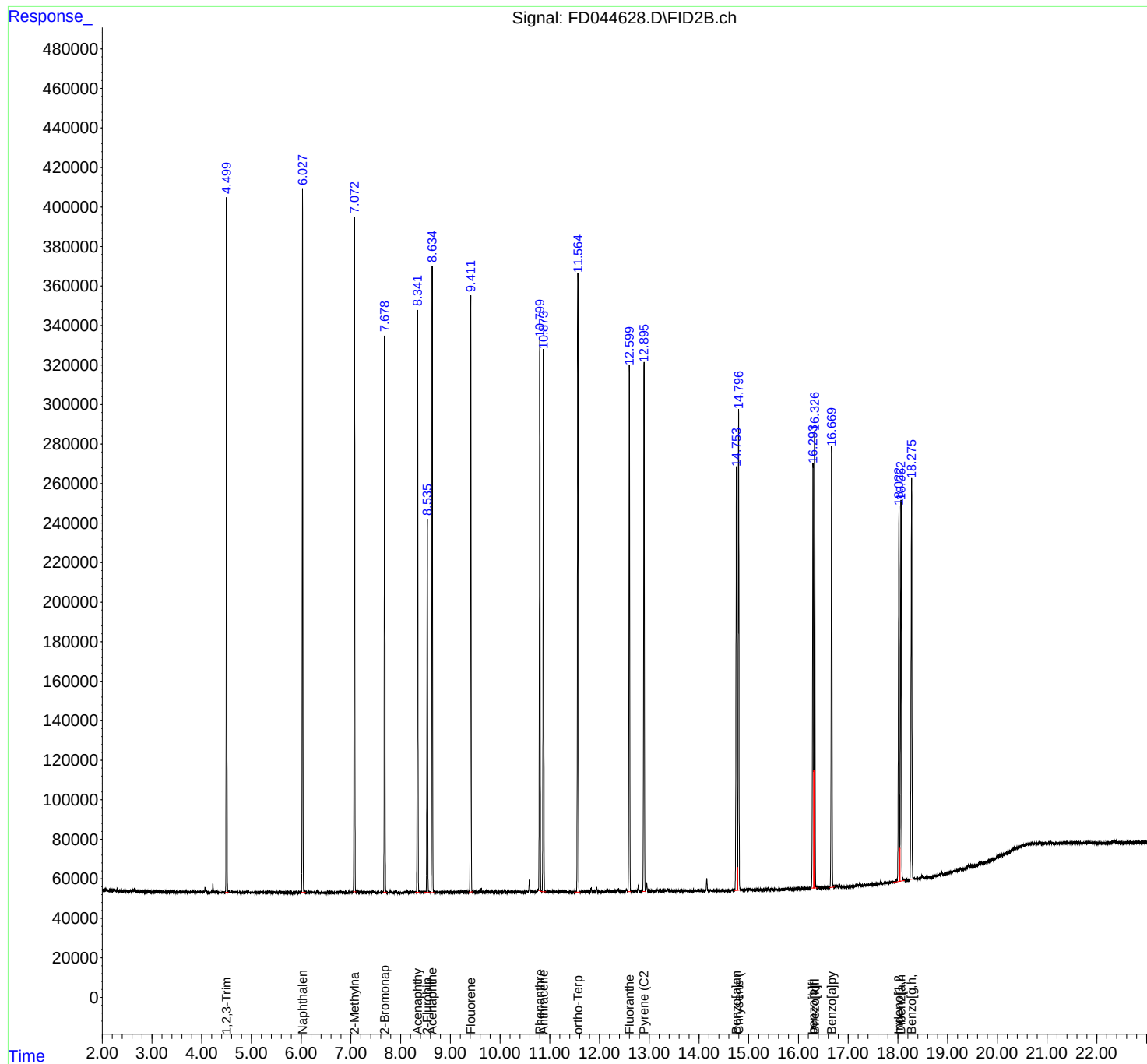
(m)=manual int.

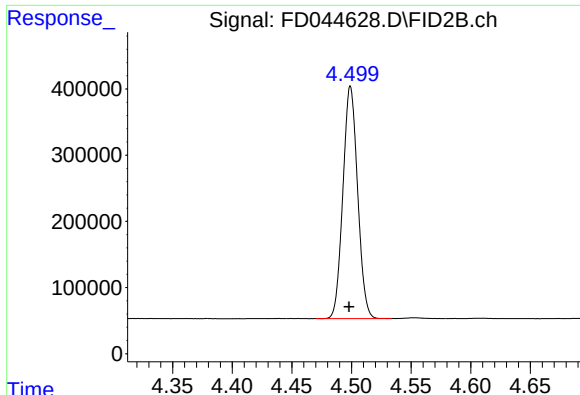
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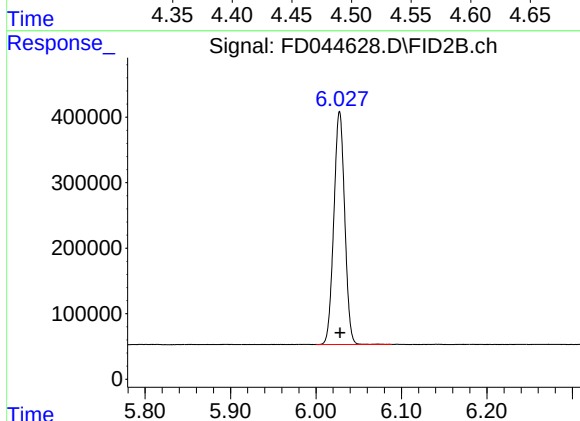




#1 1,2,3-Trimethylbenzene (C10.1)

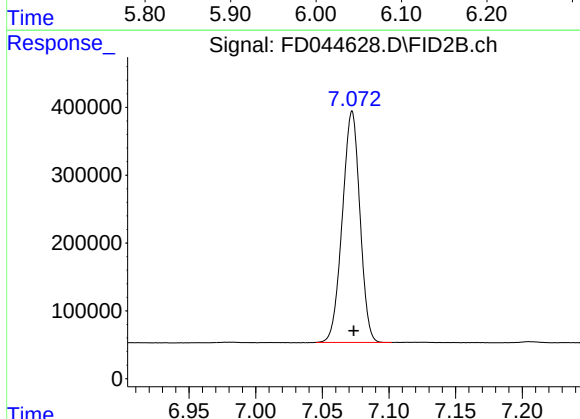
R.T.: 4.499 min
Delta R.T.: 0.001 min
Response: 3014101
Conc: 21.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



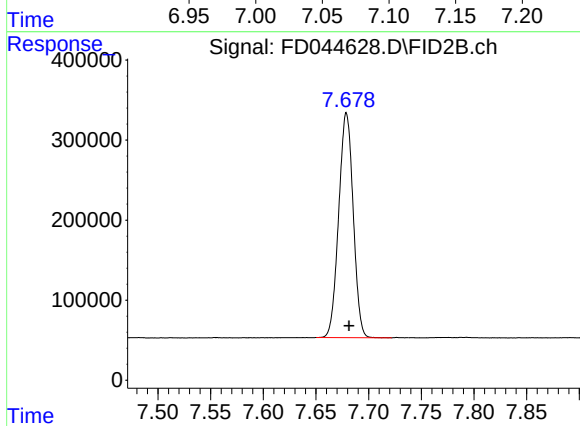
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 3147380
Conc: 20.93 ug/ml



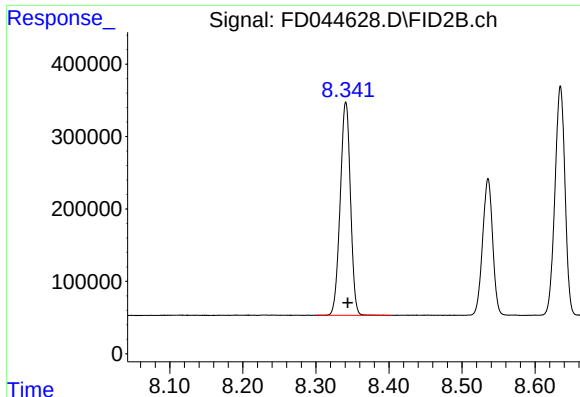
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 3132783
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

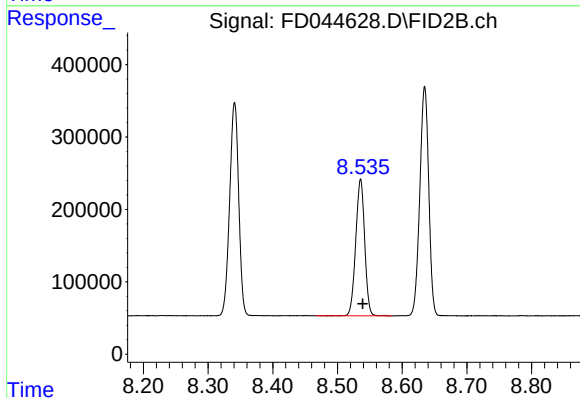
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 2688727
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

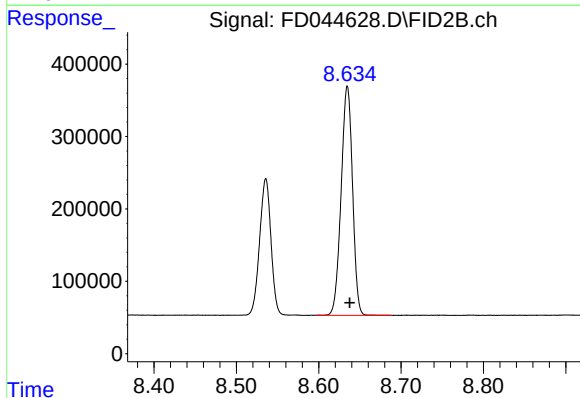
R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 2870226
Conc: 20.65 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



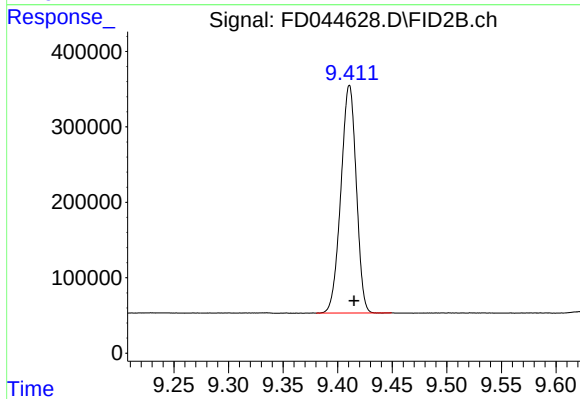
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.004 min
Response: 1813488
Conc: 20.53 ug/ml



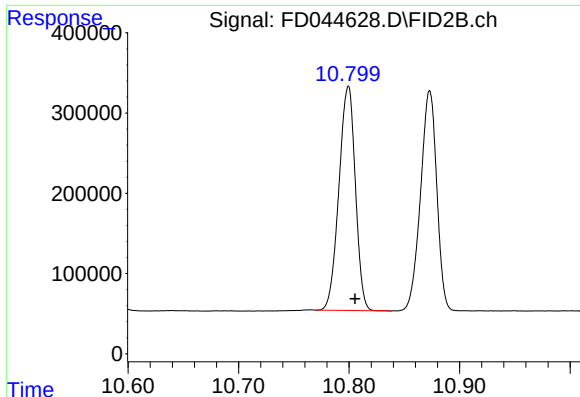
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.003 min
Response: 3044335
Conc: 20.74 ug/ml



#8 Fluorene (C16.55)

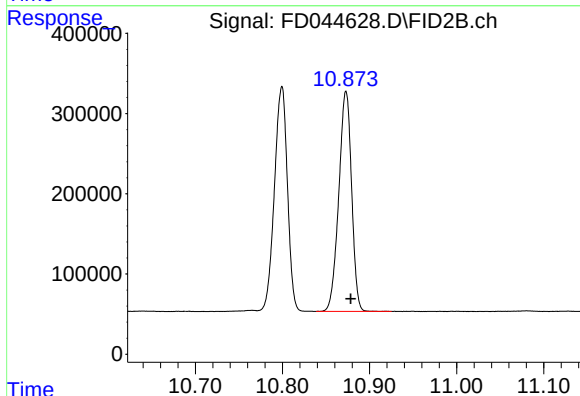
R.T.: 9.411 min
Delta R.T.: -0.004 min
Response: 2961093
Conc: 20.54 ug/ml



#9 Phenanthrene (C19.36)

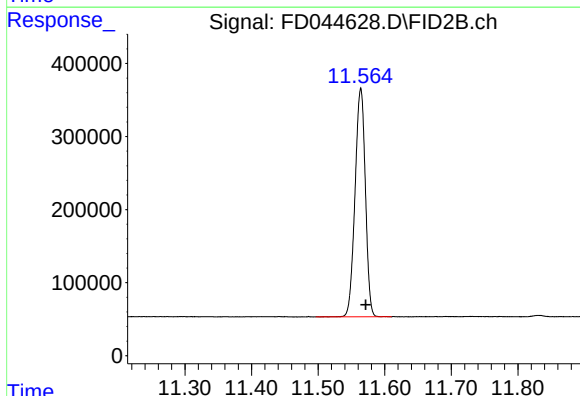
R.T.: 10.799 min
Delta R.T.: -0.006 min
Response: 2891576
Conc: 20.28 ug/ml

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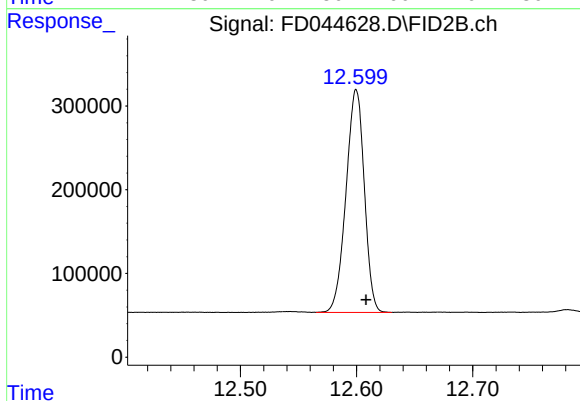
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.006 min
Response: 2804646
Conc: 20.19 ug/ml



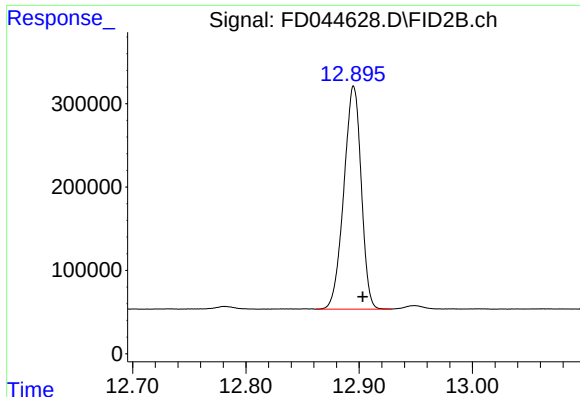
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 3367609
Conc: 20.69 ug/ml



#12 Fluoranthene (C21.85)

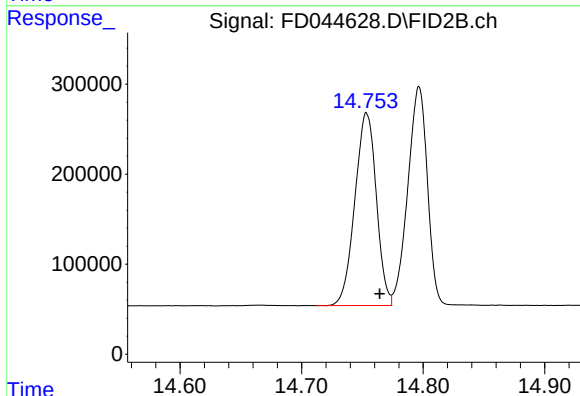
R.T.: 12.600 min
Delta R.T.: -0.009 min
Response: 2912877
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

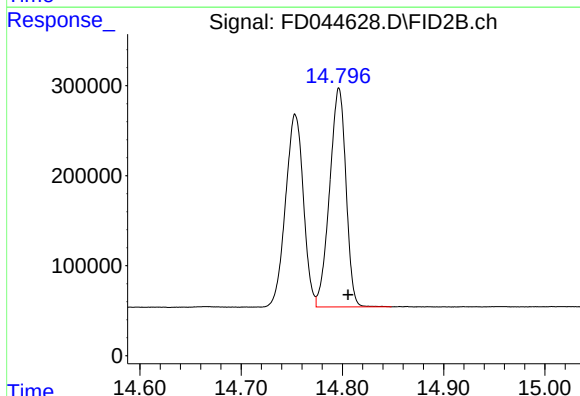
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2853818
Conc: 20.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



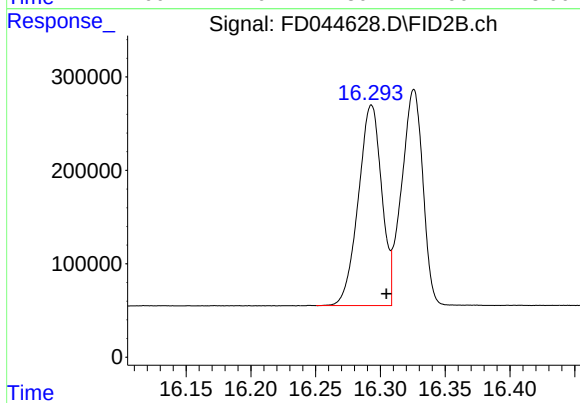
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.011 min
Response: 2623272
Conc: 20.27 ug/ml



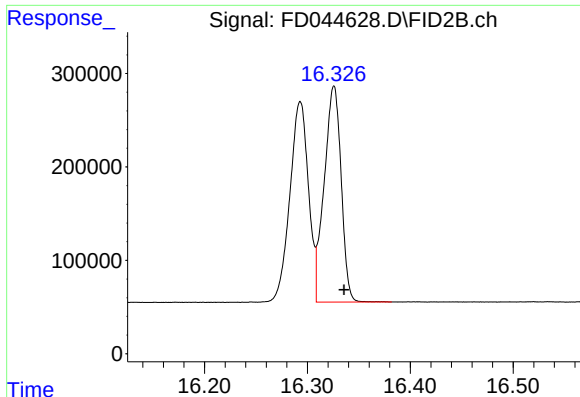
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.009 min
Response: 2728969
Conc: 20.24 ug/ml



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

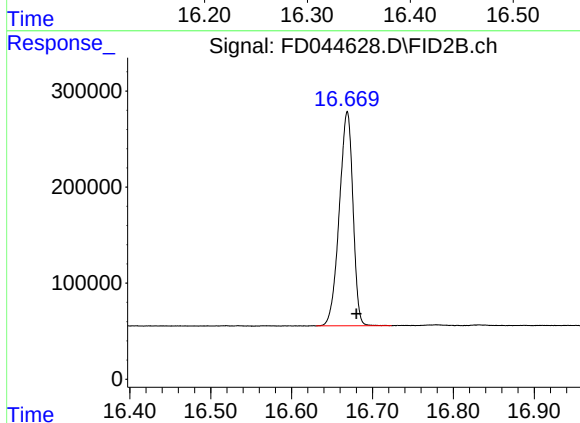
R.T.: 16.293 min
Delta R.T.: -0.012 min
Response: 2694475
Conc: 20.47 ug/ml



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

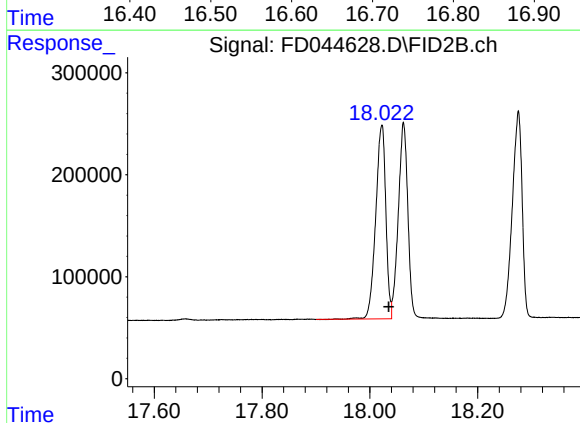
R.T.: 16.326 min
Delta R.T.: -0.010 min
Response: 2653428
Conc: 20.38 ug/ml

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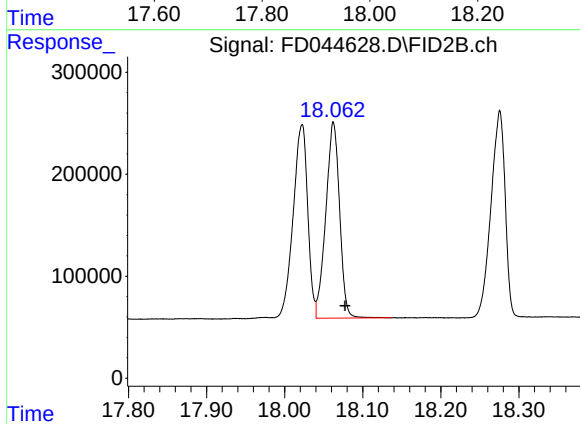
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.012 min
Response: 2615476
Conc: 20.24 ug/ml



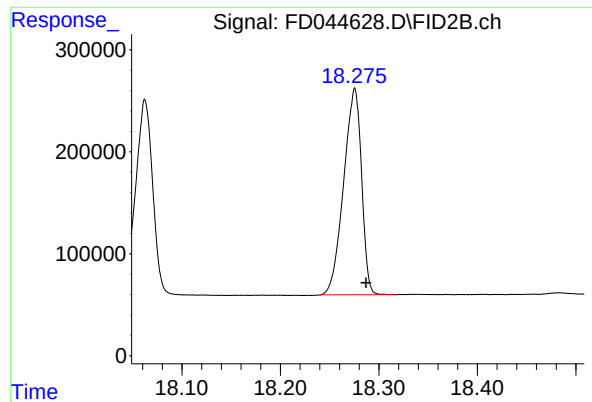
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.013 min
Response: 2480449
Conc: 19.46 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.015 min
Response: 2366272
Conc: 18.81 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.012 min
Response: 2556336
Conc: 19.88 ug/ml

Instrument :

FID_D

ClientSampleId :

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