

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121422AR\
 Data File : FD044645.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2022 12:18
 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 15 03:13:49 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...	7.678	2667513	20.554 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
6) S 2-Fluorobiphenyl (SURR)	8.535	1788547	20.251 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.50%
11) S ortho-Terphenyl (SURR)	11.563	3343589	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2974057	20.841 ug/ml
2) T Naphthalene (C11.7)	6.026	3106189	20.659 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	3093521	20.475 ug/ml
5) T Acenaphthylene (C15.06)	8.340	2841447	20.440 ug/ml
7) T Acenaphthene (C15.5)	8.634	3007819	20.495 ug/ml
8) T Flouorene (C16.55)	9.410	2953168	20.482 ug/ml
9) T Phenanthrene (C19.36)	10.799	2887535	20.249 ug/ml
10) T Anthracene (C19.43)	10.872	2730494	19.653 ug/ml
12) T Fluoranthene (C21.85)	12.600	2909983	20.413 ug/ml
13) T Pyrene (C20.8)	12.895	2841147	20.415 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2675547	20.678 ug/ml
15) T Chrysene (C27.41)	14.797	2879966	21.362 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2807262	21.329 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2822387	21.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2725606	21.090 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2592446	20.341 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	2664347	21.175 ug/ml
21) T Benzo[g,h,i]perylene ...	18.278	2640808	20.532 ug/ml

(f)=RT Delta > 1/2 Window

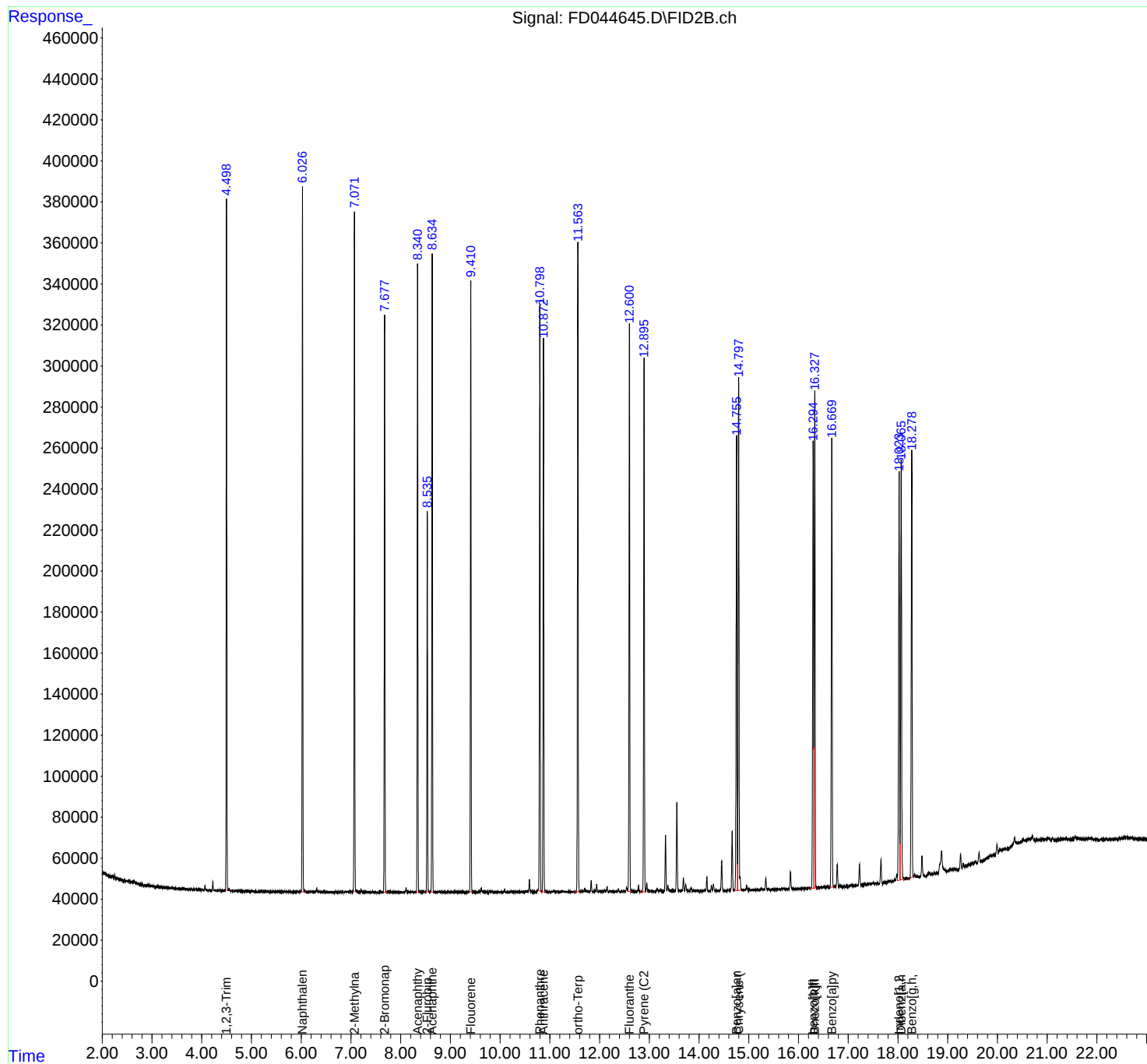
(m)=manual int.

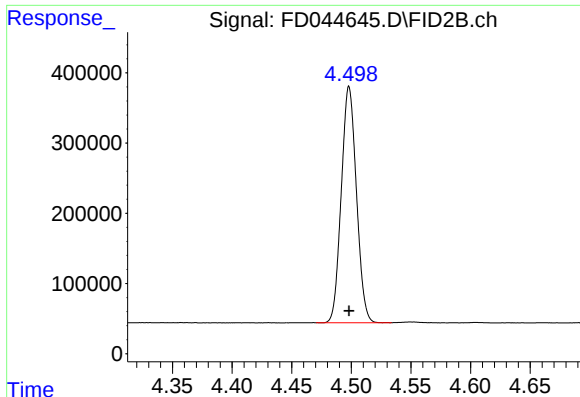
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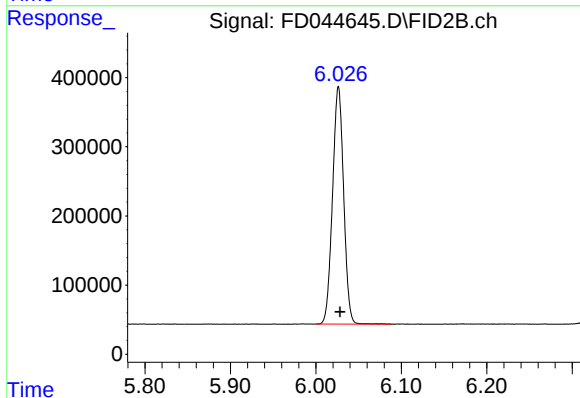




#1 1,2,3-Trimethylbenzene (C10.1)

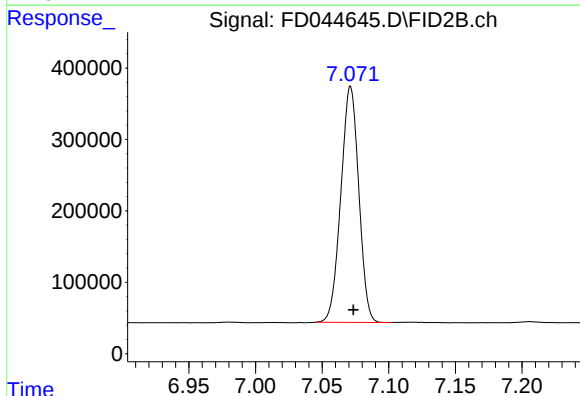
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 2974057
Conc: 20.84 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



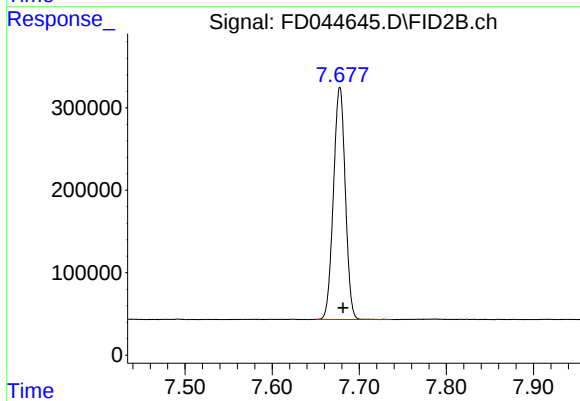
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 3106189
Conc: 20.66 ug/ml



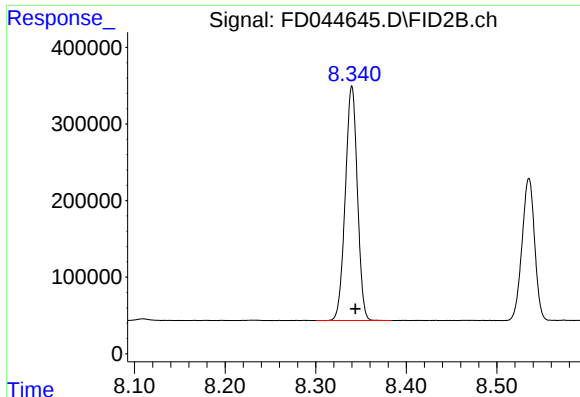
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 3093521
Conc: 20.47 ug/ml



#4 2-Bromonaphthalene (SURR)

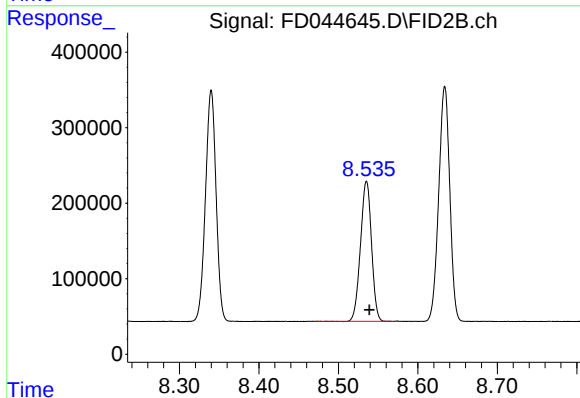
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 2667513
Conc: 20.55 ug/ml



#5 Acenaphthylene (C15.06)

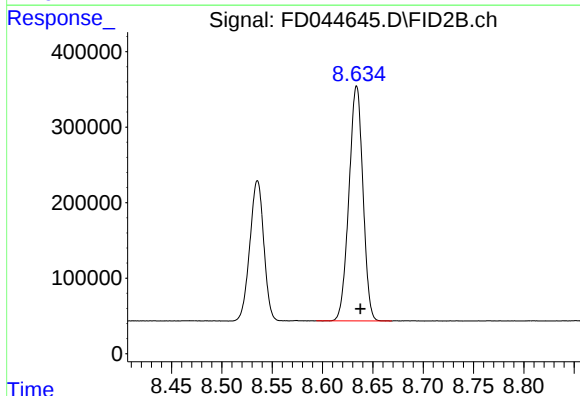
R.T.: 8.340 min
Delta R.T.: -0.004 min
Response: 2841447
Conc: 20.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



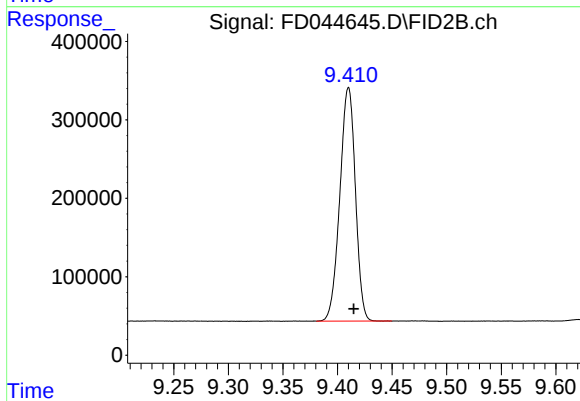
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 1788547
Conc: 20.25 ug/ml



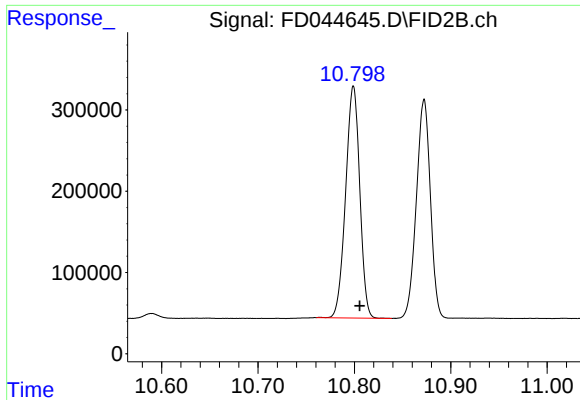
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 3007819
Conc: 20.50 ug/ml



#8 Flouorene (C16.55)

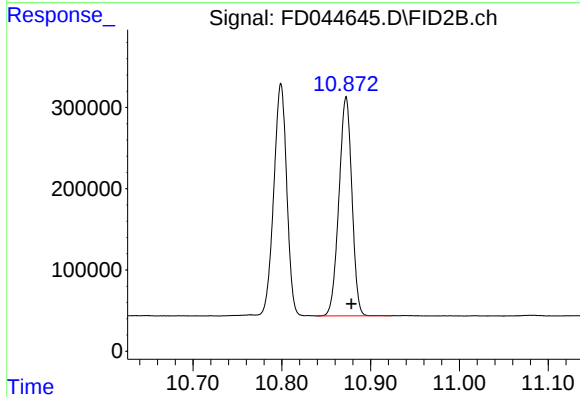
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 2953168
Conc: 20.48 ug/ml



#9 Phenanthrene (C19.36)

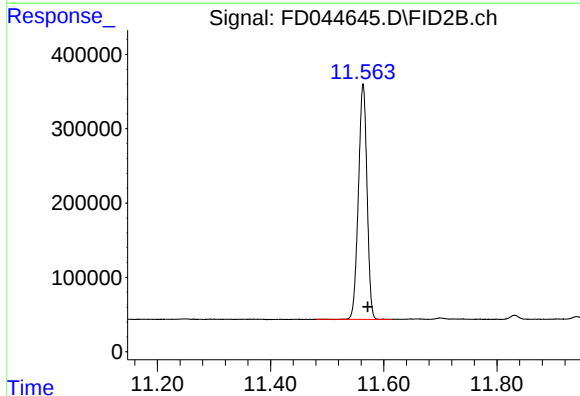
R.T.: 10.799 min
Delta R.T.: -0.006 min
Response: 2887535
Conc: 20.25 ug/ml

Instrument :
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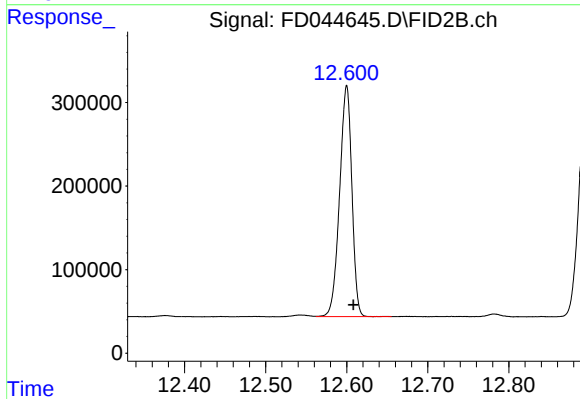
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.006 min
Response: 2730494
Conc: 19.65 ug/ml



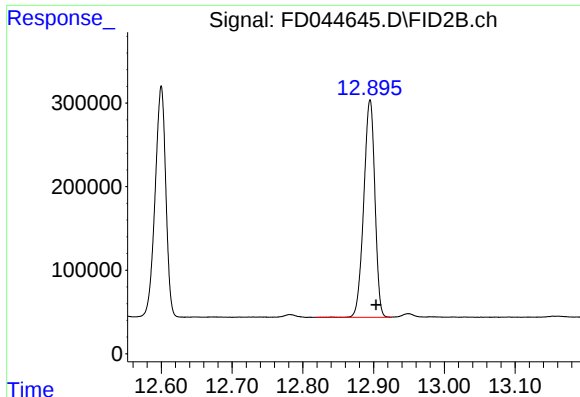
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 3343589
Conc: 20.54 ug/ml



#12 Fluoranthene (C21.85)

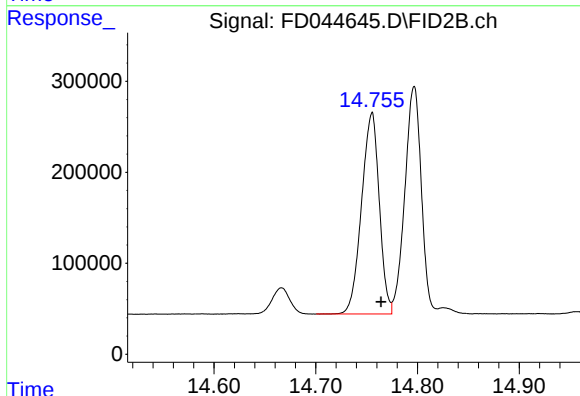
R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 2909983
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

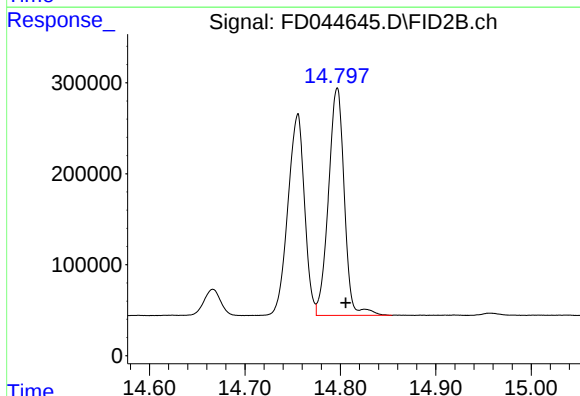
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2841147
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



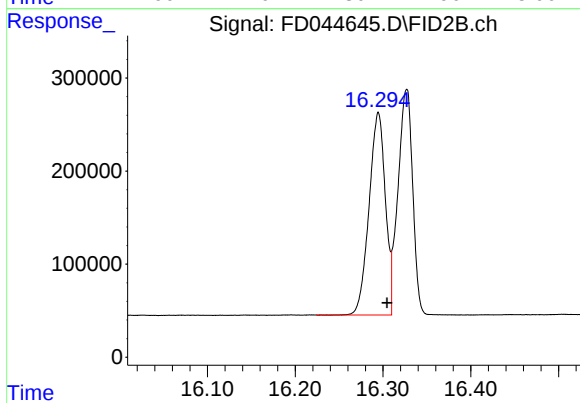
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.009 min
Response: 2675547
Conc: 20.68 ug/ml



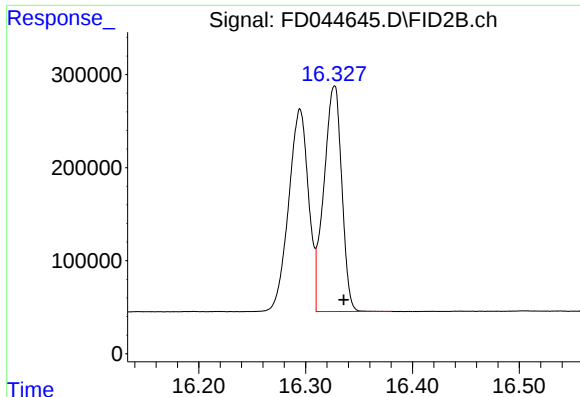
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.009 min
Response: 2879966
Conc: 21.36 ug/ml



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

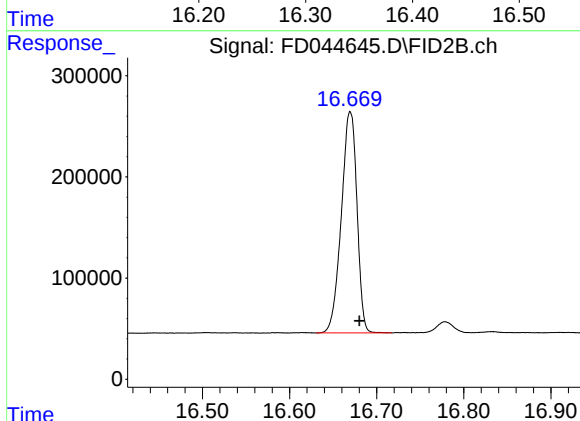
R.T.: 16.295 min
Delta R.T.: -0.010 min
Response: 2807262
Conc: 21.33 ug/ml



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

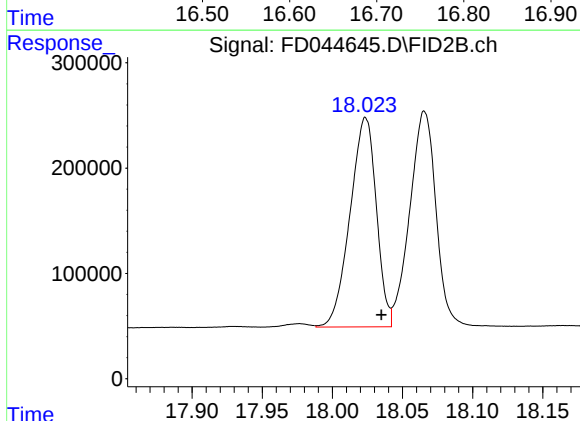
R.T.: 16.327 min
Delta R.T.: -0.009 min
Response: 2822387
Conc: 21.67 ug/ml

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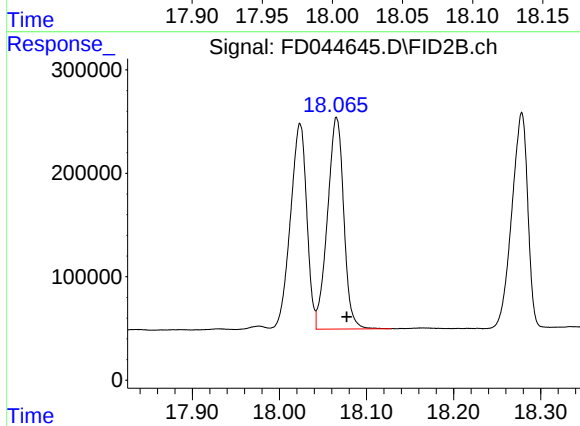
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.011 min
Response: 2725606
Conc: 21.09 ug/ml



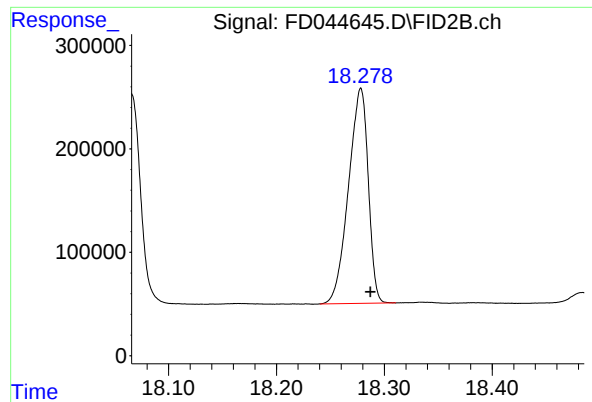
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.012 min
Response: 2592446
Conc: 20.34 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.012 min
Response: 2664347
Conc: 21.18 ug/ml



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

R.T.: 18.278 min
Delta R.T.: -0.009 min
Response: 2640808
Conc: 20.53 ug/ml

Instrument :

FID_D

ClientSampleId :

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