

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044485.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2022 10:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 11:06:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	2647257	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
6) S 2-Fluorobiphenyl (SURR)	8.545	1804920	19.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.49%
11) S ortho-Terphenyl (SURR)	11.578	3315546	19.325 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2906351	19.939 ug/ml
2) T Naphthalene (C11.7)	6.032	3072670	19.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	3097438	19.606 ug/ml
5) T Acenaphthylene (C15.06)	8.350	2836397	18.809 ug/ml
7) T Acenaphthene (C15.5)	8.644	2998736	19.380 ug/ml
8) T Flouorene (C16.55)	9.422	2961371	19.256 ug/ml
9) T Phenanthrene (C19.36)	10.813	2897363	19.267 ug/ml
10) T Anthracene (C19.43)	10.887	2854803	19.485 ug/ml
12) T Fluoranthene (C21.85)	12.617	2921038	19.221 ug/ml
13) T Pyrene (C20.8)	12.912	2855493	19.209 ug/mlm
14) T Benzo[a]anthracene (C...	14.775	2651204	18.941 ug/mlm
15) T Chrysene (C27.41)	14.818	2739533	18.706 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2684522	18.666 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.351	2679717	18.847 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	2658350	19.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.051	2560468	18.778 ug/mlm
20) T Dibenz[a,h]anthracene...	18.093	2561088	19.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2596459	19.020 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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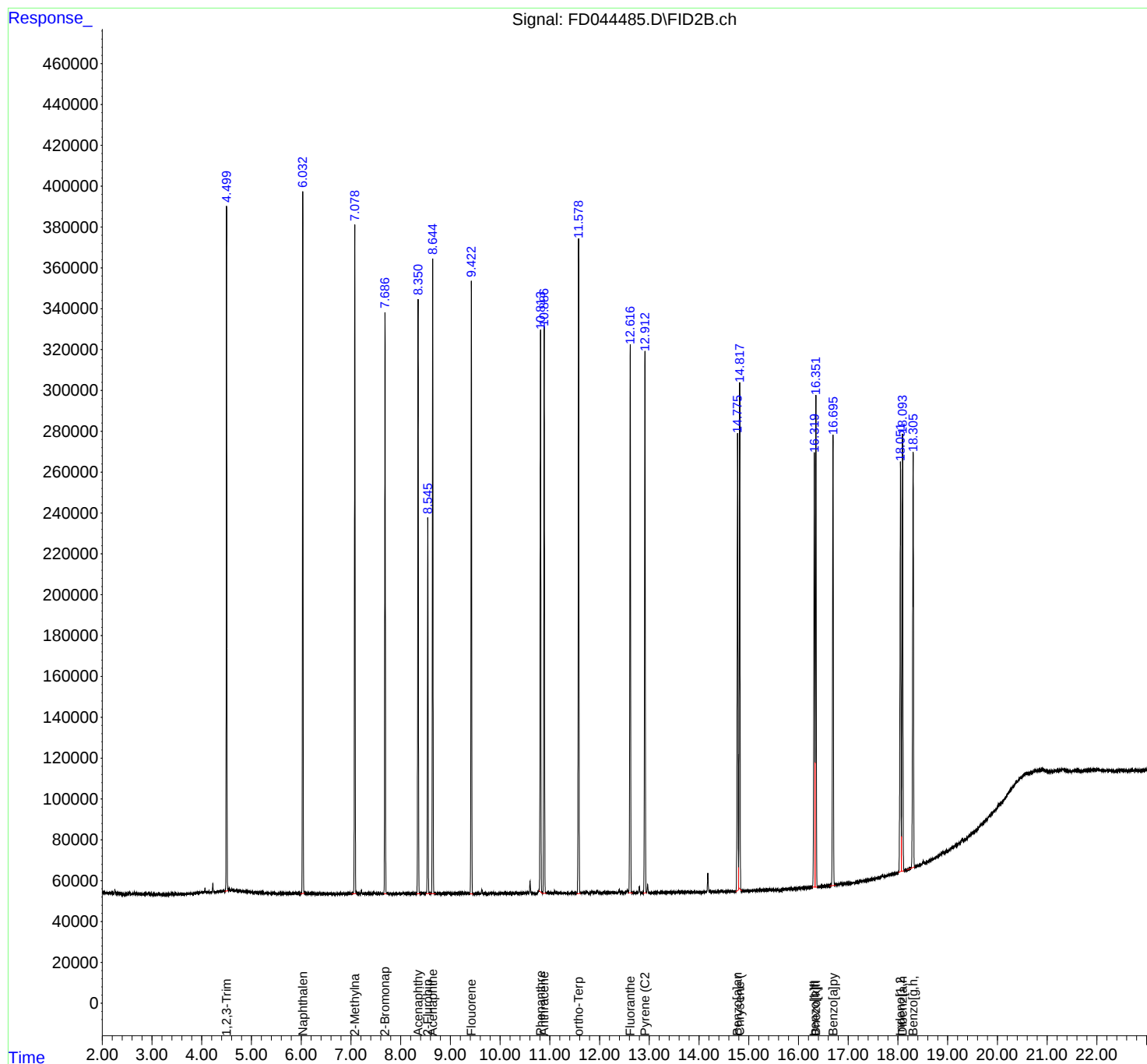
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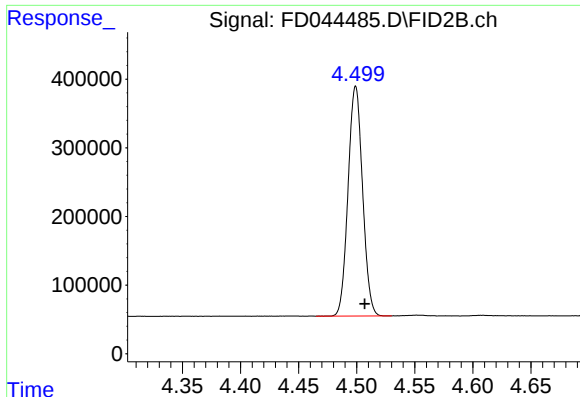
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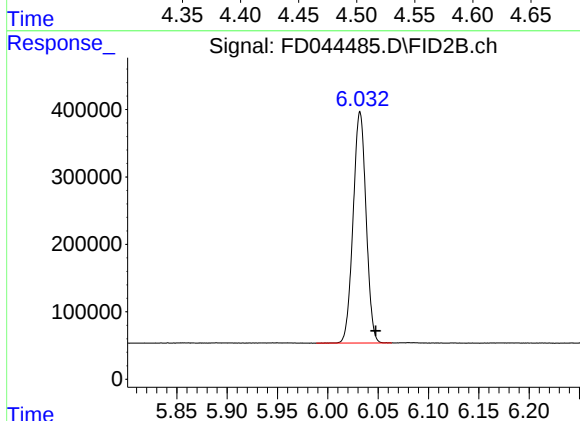
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.499 min
Delta R.T.: -0.008 min
Response: 2906351
Conc: 19.94 ug/ml

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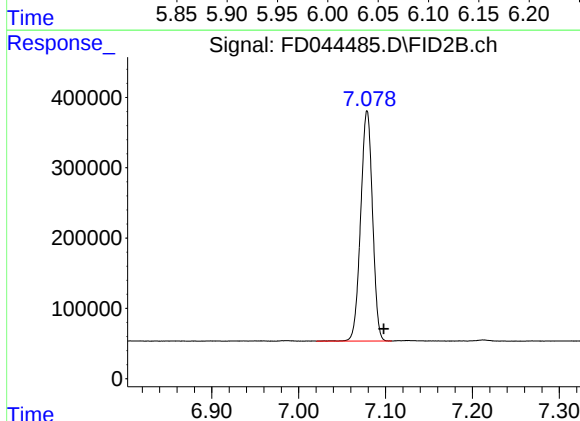
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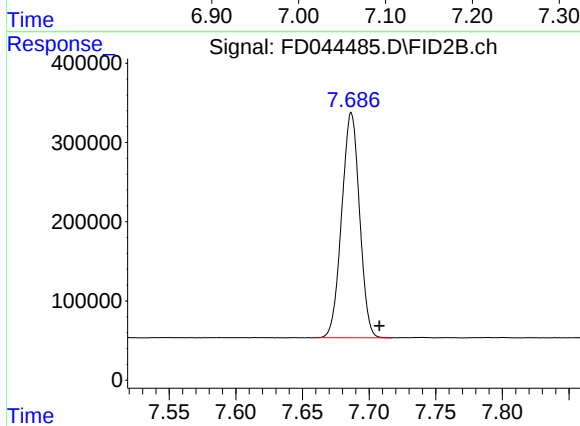
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 3072670
Conc: 19.73 ug/ml



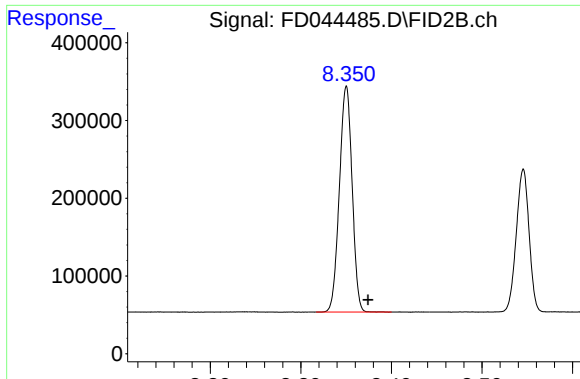
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 3097438
Conc: 19.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.021 min
Response: 2647257
Conc: 19.56 ug/ml



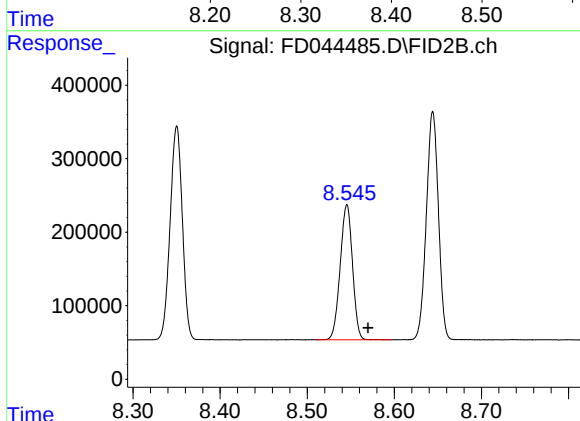
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.024 min
Response: 2836397
Conc: 18.81 ug/ml

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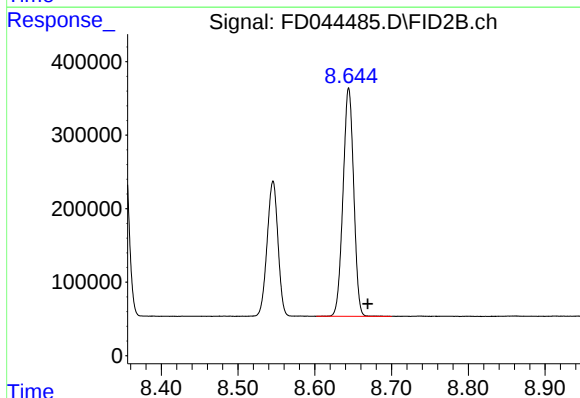
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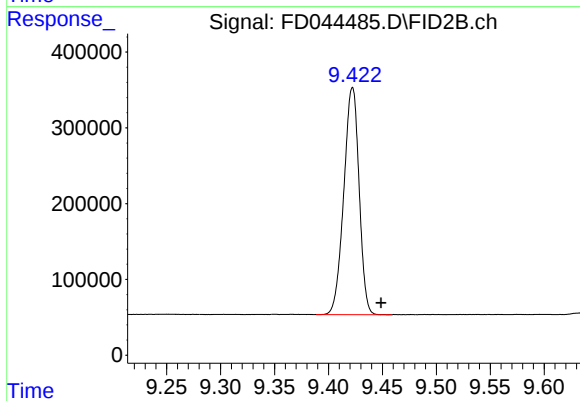
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.025 min
Response: 1804920
Conc: 19.25 ug/ml



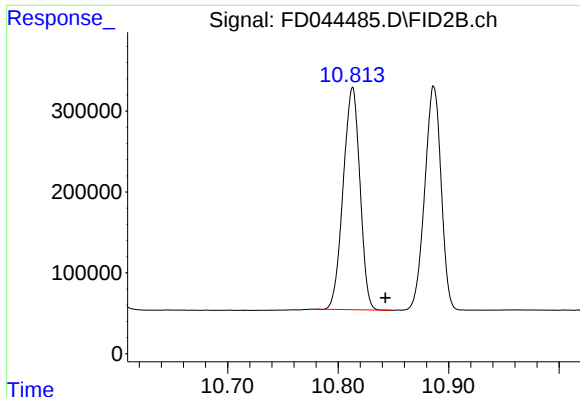
#7 Acenaphthene (C15.5)

R.T.: 8.644 min
Delta R.T.: -0.025 min
Response: 2998736
Conc: 19.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.422 min
Delta R.T.: -0.027 min
Response: 2961371
Conc: 19.26 ug/ml



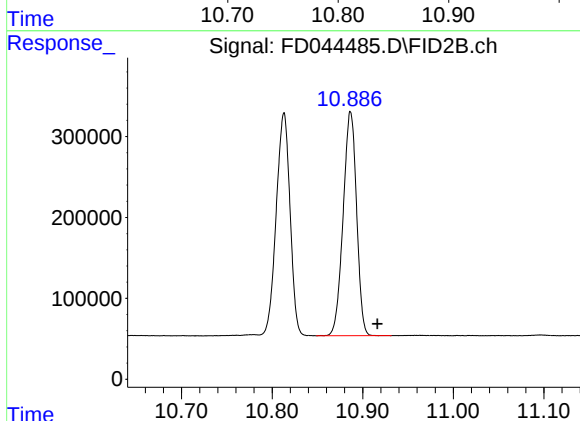
#9 Phenanthrene (C19.36)

R.T.: 10.813 min
Delta R.T.: -0.030 min
Response: 2897363
Conc: 19.27 ug/ml

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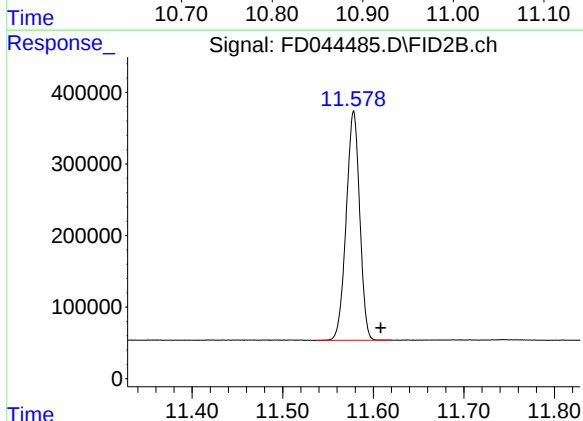
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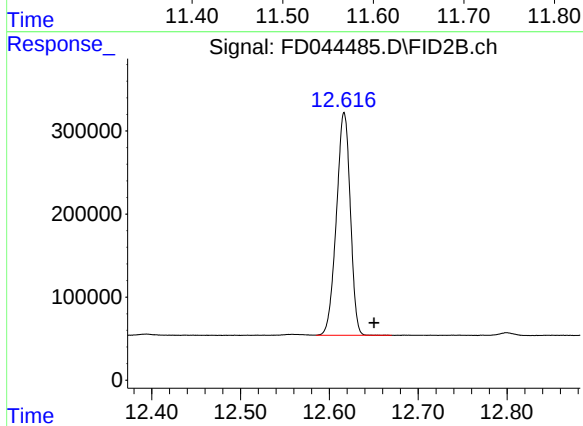
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: -0.030 min
Response: 2854803
Conc: 19.48 ug/ml



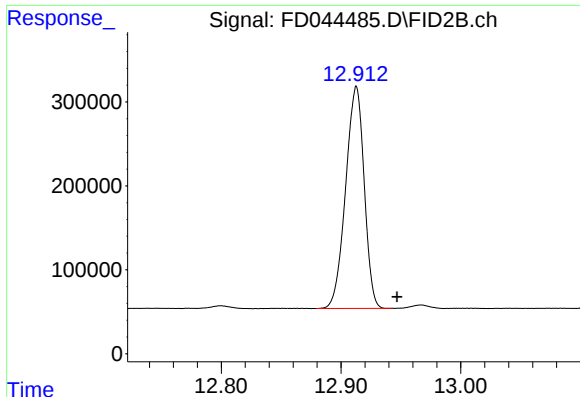
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.030 min
Response: 3315546
Conc: 19.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: -0.034 min
Response: 2921038
Conc: 19.22 ug/ml



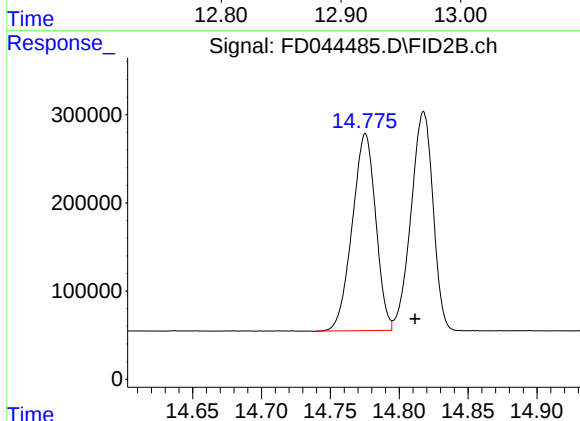
#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: -0.035 min
Response: 2855493
Conc: 19.21 ug/ml

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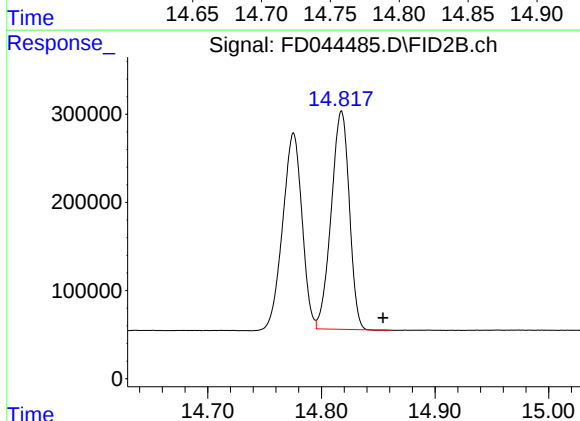
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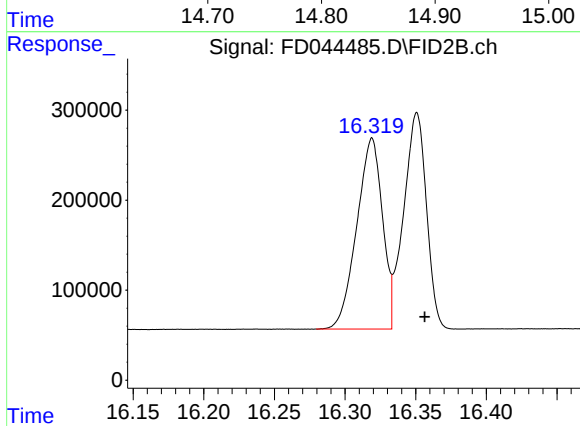
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.775 min
Delta R.T.: -0.036 min
Response: 2651204
Conc: 18.94 ug/ml m



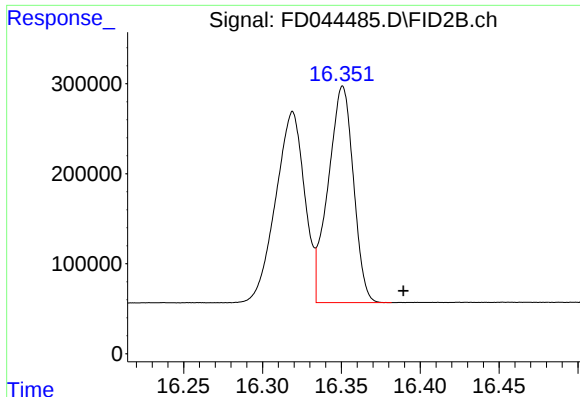
#15 Chrysene (C27.41)

R.T.: 14.818 min
Delta R.T.: -0.037 min
Response: 2739533
Conc: 18.71 ug/ml



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

R.T.: 16.319 min
Delta R.T.: -0.038 min
Response: 2684522
Conc: 18.67 ug/ml m



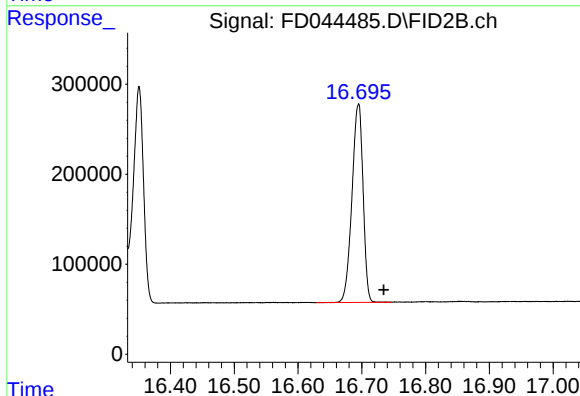
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.351 min
Delta R.T.: -0.039 min
Response: 2679717
Conc: 18.85 ug/ml

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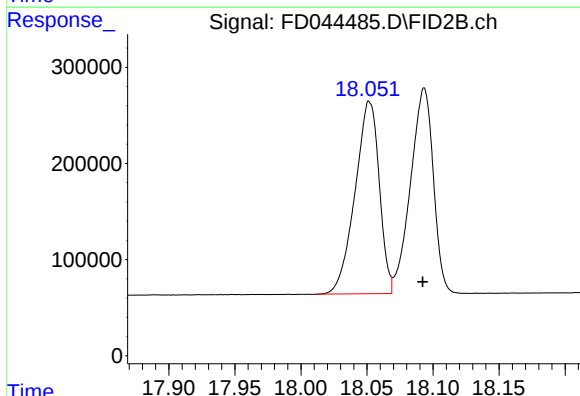
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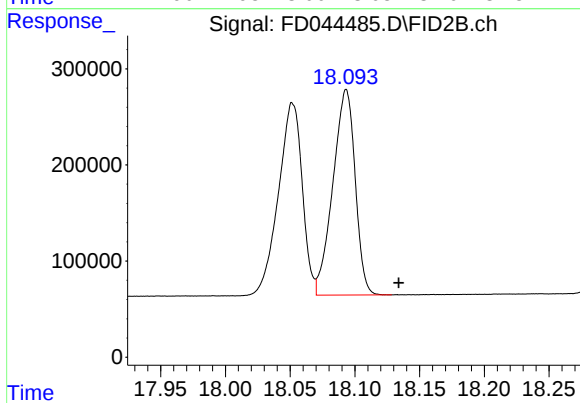
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min
Delta R.T.: -0.040 min
Response: 2658350
Conc: 19.00 ug/ml



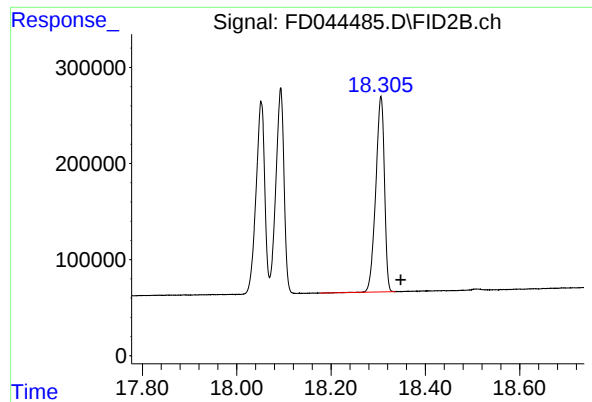
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.051 min
Delta R.T.: -0.041 min
Response: 2560468
Conc: 18.78 ug/ml m



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

R.T.: 18.093 min
Delta R.T.: -0.041 min
Response: 2561088
Conc: 19.01 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.042 min
Response: 2596459
Conc: 19.02 ug/ml

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