

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021323AR\
 Data File : FD045016.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2023 15:34
 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

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
 Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e
 Quant Time: Feb 14 00:27:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.556	2832329	19.312 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
6) S 2-Fluorobiphenyl (SURR)	8.413	1898461	19.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.04%
11) S ortho-Terphenyl (SURR)	11.455	3588827	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3143597	19.693 ug/ml
2) T Naphthalene (C11.7)	5.894	3323031	19.613 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3294044	19.201 ug/ml
5) T Acenaphthylene (C15.06)	8.217	3021869	19.230 ug/ml
7) T Acenaphthene (C15.5)	8.513	3201215	19.253 ug/ml
8) T Fluorene (C16.55)	9.292	3117169	18.991 ug/ml
9) T Phenanthrene (C19.36)	10.684	3079210	19.045 ug/ml
10) T Anthracene (C19.43)	10.758	2830998	19.096 ug/ml
12) T Fluoranthene (C21.85)	12.492	3075696	19.218 ug/ml
13) T Pyrene (C20.8)	12.787	2995955	19.093 ug/ml
14) T Benzo[a]anthracene (C...	14.652	2695205	18.884 ug/ml
15) T Chrysene (C27.41)	14.695	2812571	18.996 ug/ml
16) T benzo[b]fluoranthene ...	16.197	2810326	19.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	2823781	19.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.574	2747824	19.664 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	2767429	20.565 ug/mlm
20) T Dibenz[a,h]anthracene...	17.974	2731229	20.610 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	2745802	20.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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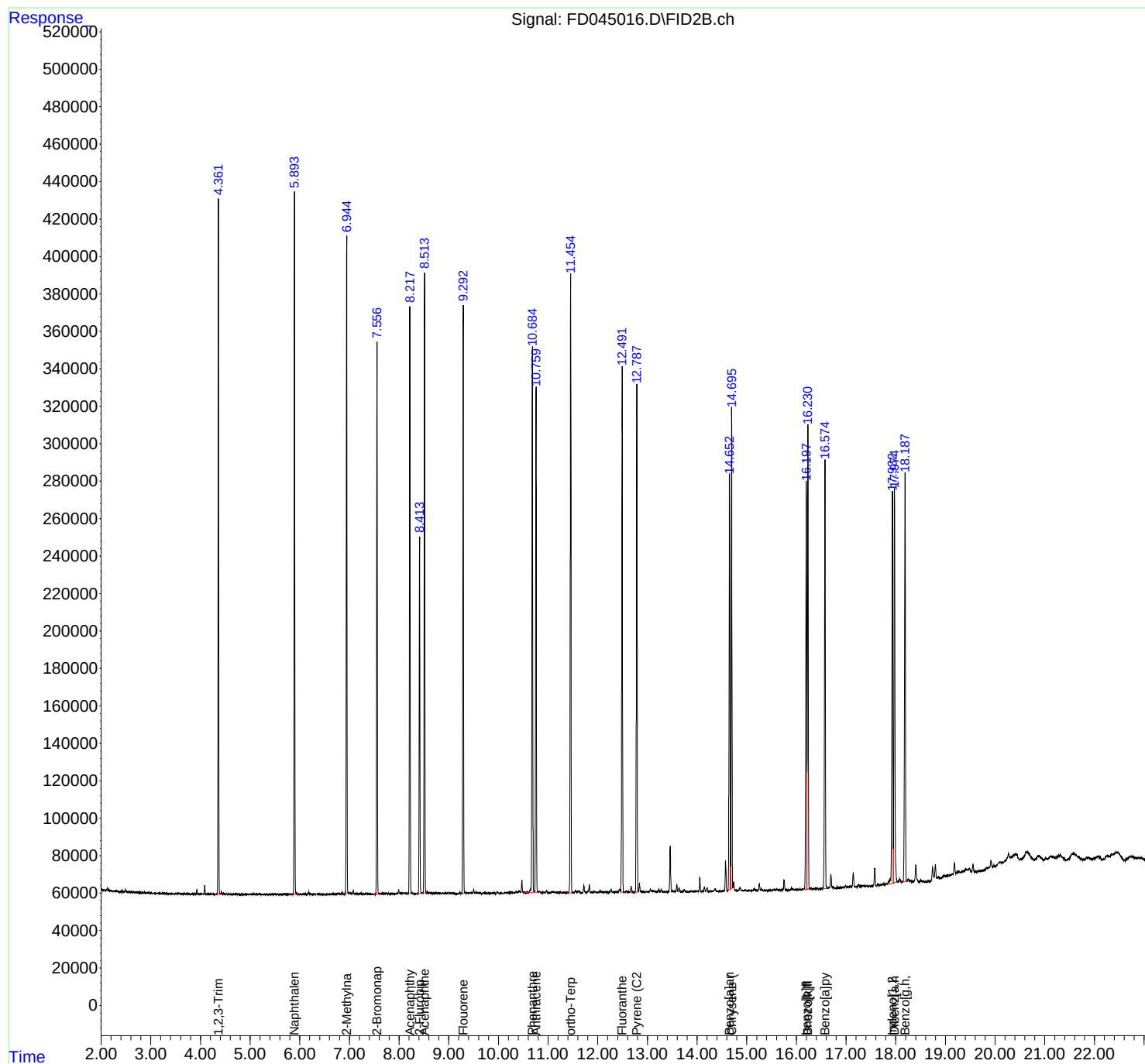
Instrument :
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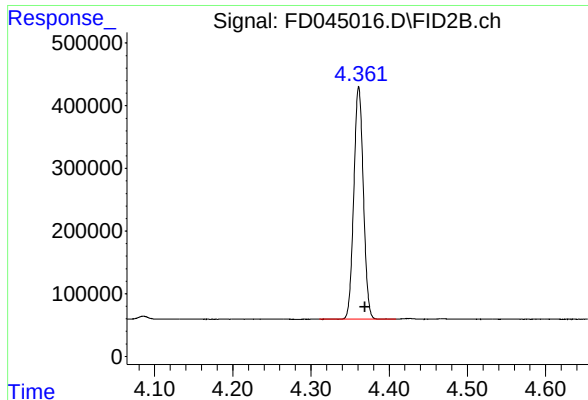
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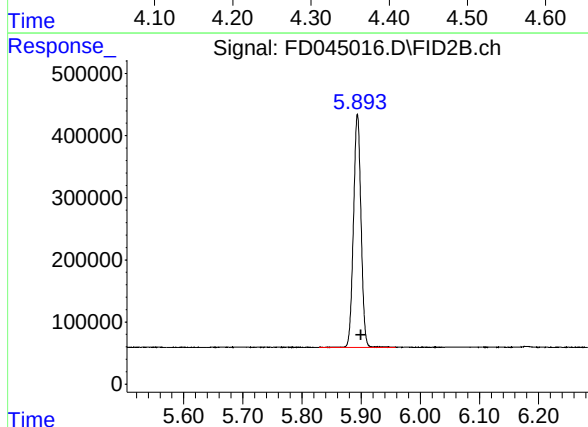
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.008 min
Response: 3143597
Conc: 19.69 ug/ml

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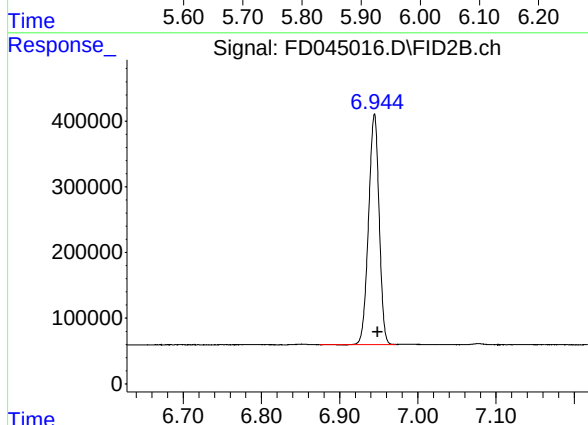
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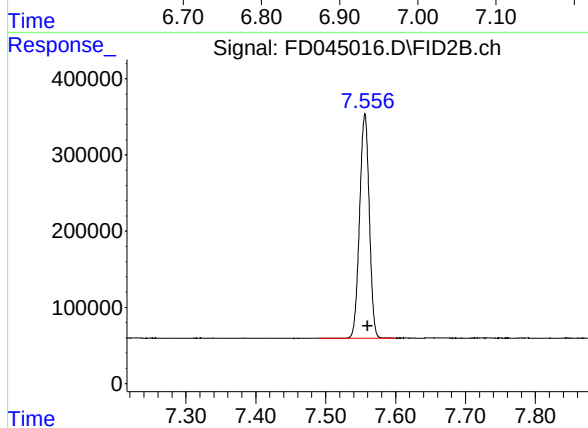
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 3323031
Conc: 19.61 ug/ml



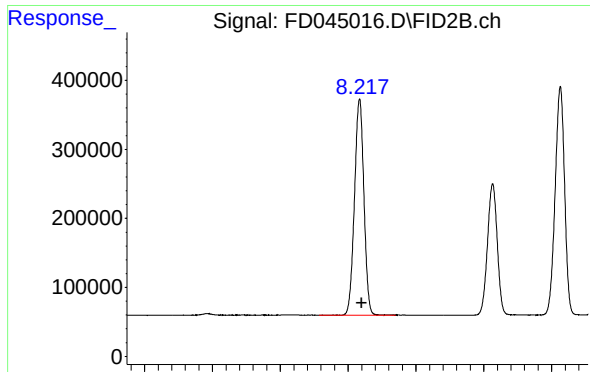
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 3294044
Conc: 19.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 2832329
Conc: 19.31 ug/ml



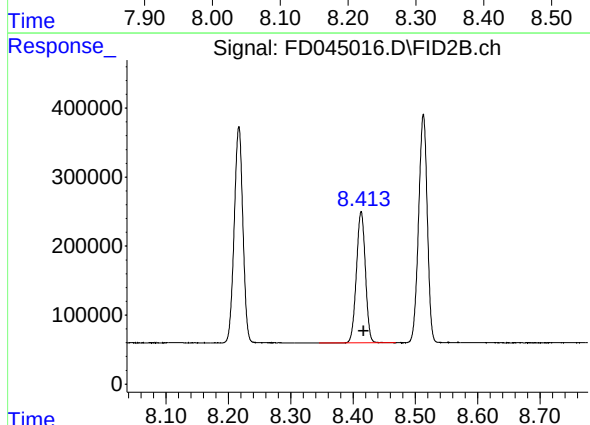
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 3021869
Conc: 19.23 ug/ml

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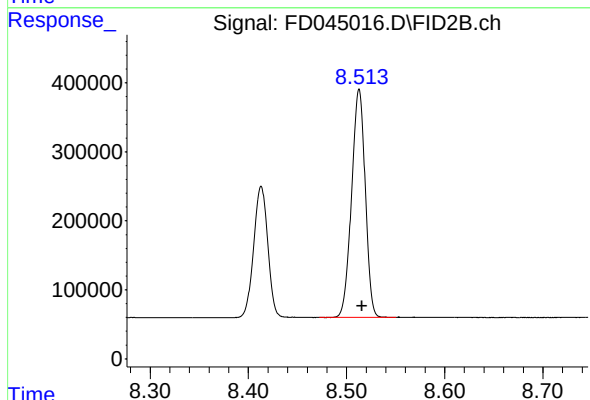
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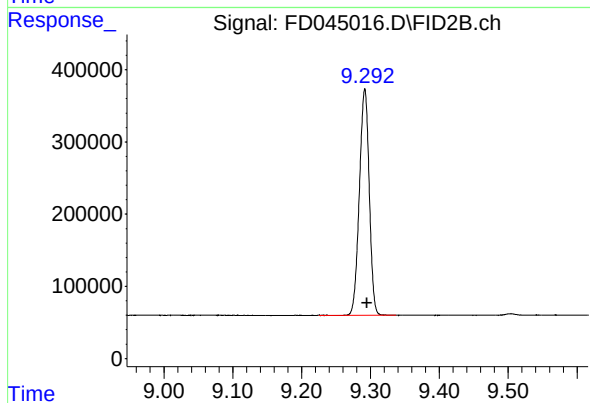
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 1898461
Conc: 19.02 ug/ml



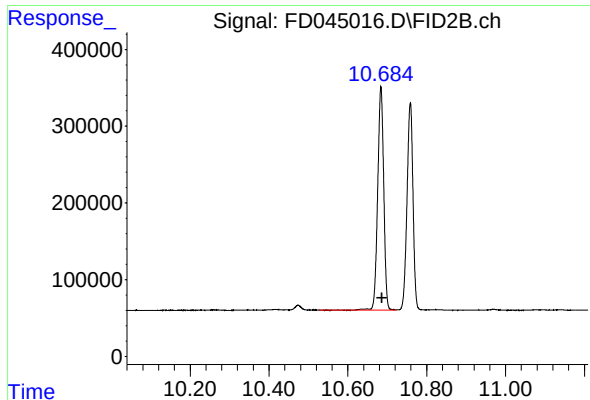
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 3201215
Conc: 19.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 3117169
Conc: 18.99 ug/ml



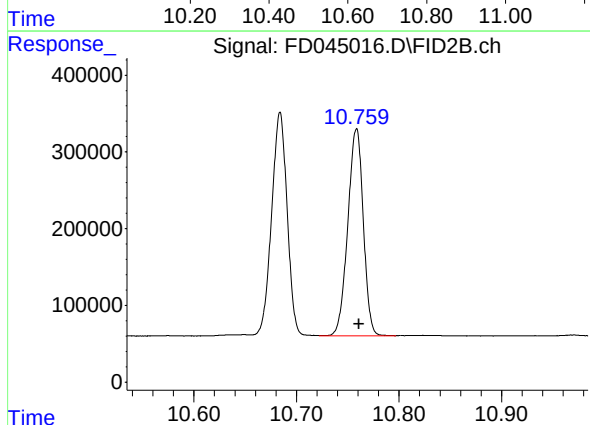
#9 Phenanthrene (C19.36)

R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 3079210
Conc: 19.04 ug/ml

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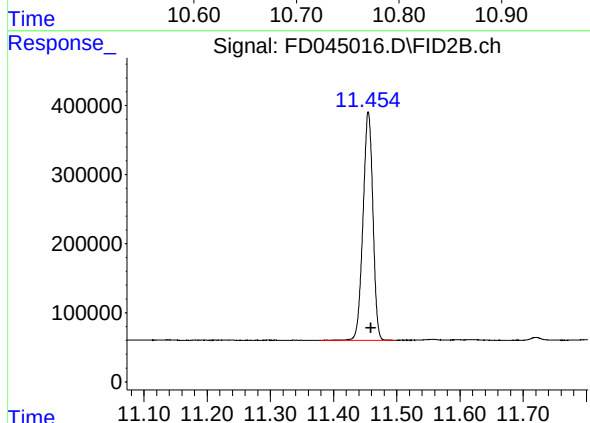
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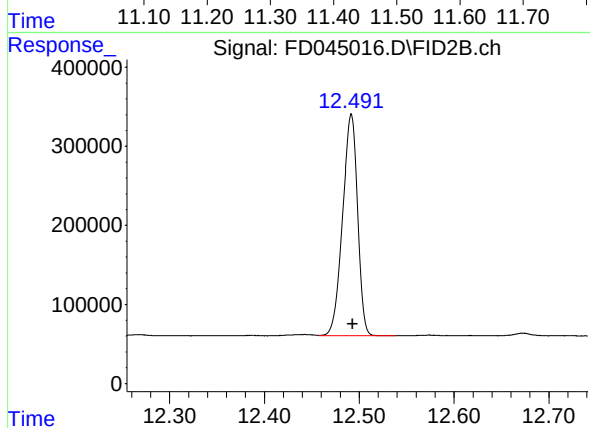
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 2830998
Conc: 19.10 ug/ml



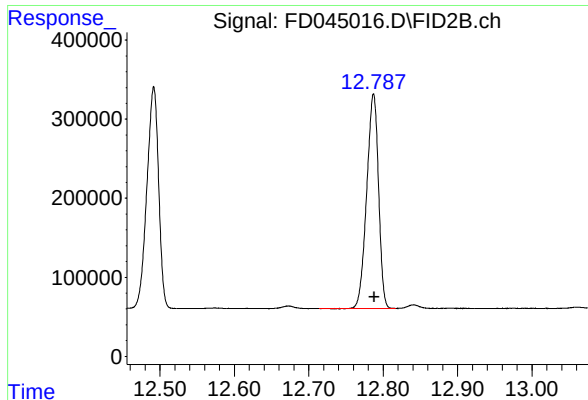
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3588827
Conc: 19.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: -0.002 min
Response: 3075696
Conc: 19.22 ug/ml



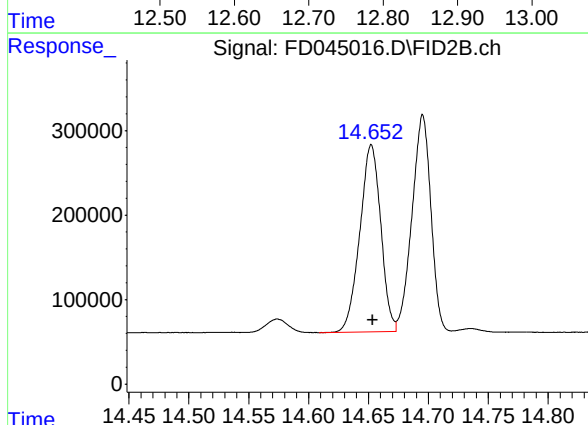
#13 Pyrene (C20.8)

R.T.: 12.787 min
Delta R.T.: -0.002 min
Response: 2995955
Conc: 19.09 ug/ml

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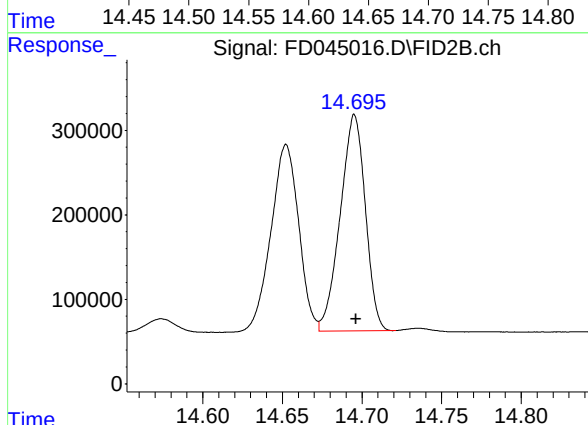
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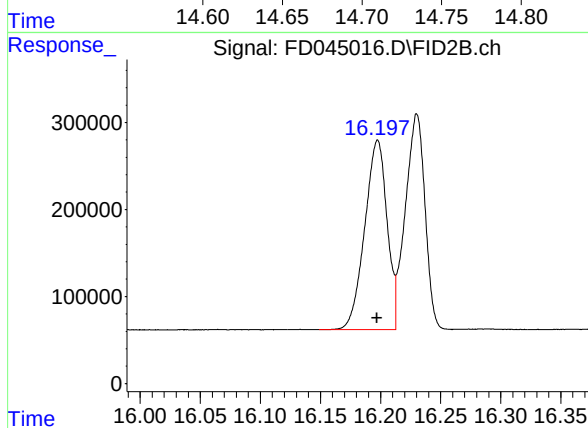
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: 0.000 min
Response: 2695205
Conc: 18.88 ug/ml



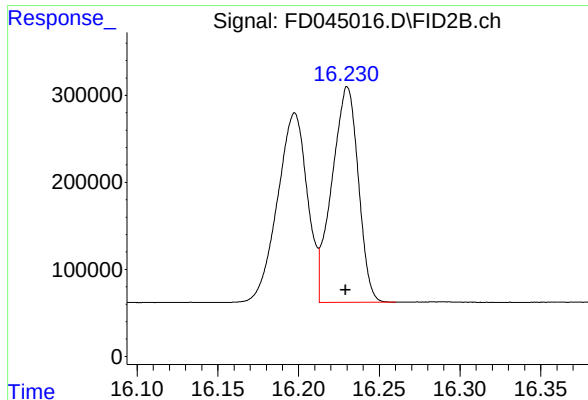
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 2812571
Conc: 19.00 ug/ml



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

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2810326
Conc: 19.37 ug/ml



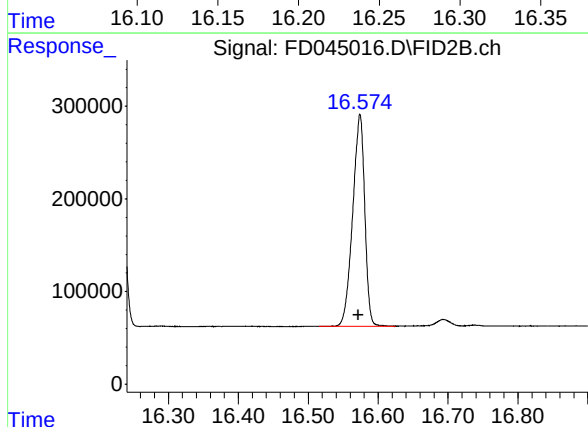
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.230 min
Delta R.T.: 0.000 min
Response: 2823781
Conc: 19.81 ug/ml

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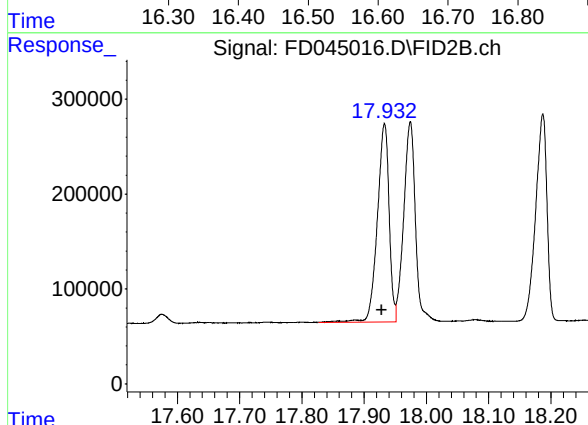
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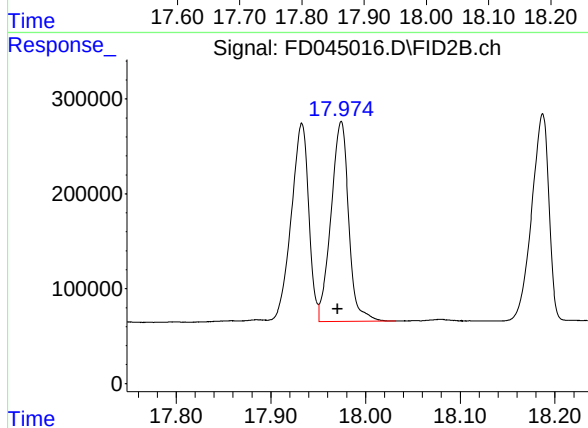
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.574 min
Delta R.T.: 0.002 min
Response: 2747824
Conc: 19.66 ug/ml



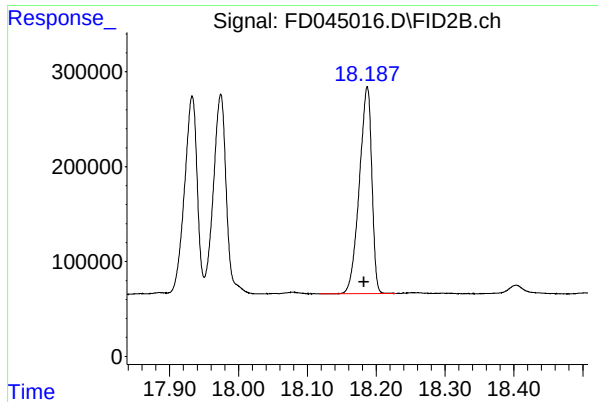
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 2767429
Conc: 20.56 ug/ml m



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 2731229
Conc: 20.61 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.004 min
Response: 2745802
Conc: 20.19 ug/ml

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