

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF016000.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 15:01
 Operator : YP\AJ
 Sample : Q2126-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Jun 17 02:46:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

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 ahmed

Compound	R.T.	Response	Conc Units
-----06/18/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.062	5641022	49.678 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
6) S 2-Fluorobiphenyl (SURR)	8.936	3880434	49.850 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.70%
11) S ortho-Terphenyl (SURR)	12.003	6003163	45.378 ug/ml
Spiked Amount 50.000		Recovery =	90.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.660	503133	4.064 ug/ml
2) T Naphthalene (C11.7)	6.332	575943	4.401 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	542333	4.093 ug/ml
5) T Acenaphthylene (C15.06)	8.734	609356	4.618 ug/ml
7) T Acenaphthene (C15.5)	9.033	628722	4.815 ug/ml
8) T Flouorene (C16.55)	9.820	633980	4.874 ug/ml
9) T Phenanthrene (C19.36)	11.226	643956	4.966 ug/ml
10) T Anthracene (C19.43)	11.301	647973	5.017 ug/ml
12) T Fluoranthene (C21.85)	13.046	682430	5.223 ug/mlm
13) T Pyrene (C20.8)	13.345	678977	5.237 ug/ml
14) T Benzo[a]anthracene (C...	15.224	662554	5.255 ug/ml
15) T Chrysene (C27.41)	15.265	680482	5.332 ug/mlm
16) T benzo[b]fluoranthene ...	16.781	644341	5.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.812	653397	5.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.161	634982	5.196 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	619787	5.556 ug/ml
20) T Dibenz[a,h]anthracene...	18.572	652600	5.605 ug/ml
21) T Benzo[g,h,i]perylene ...	18.785	597556	5.134 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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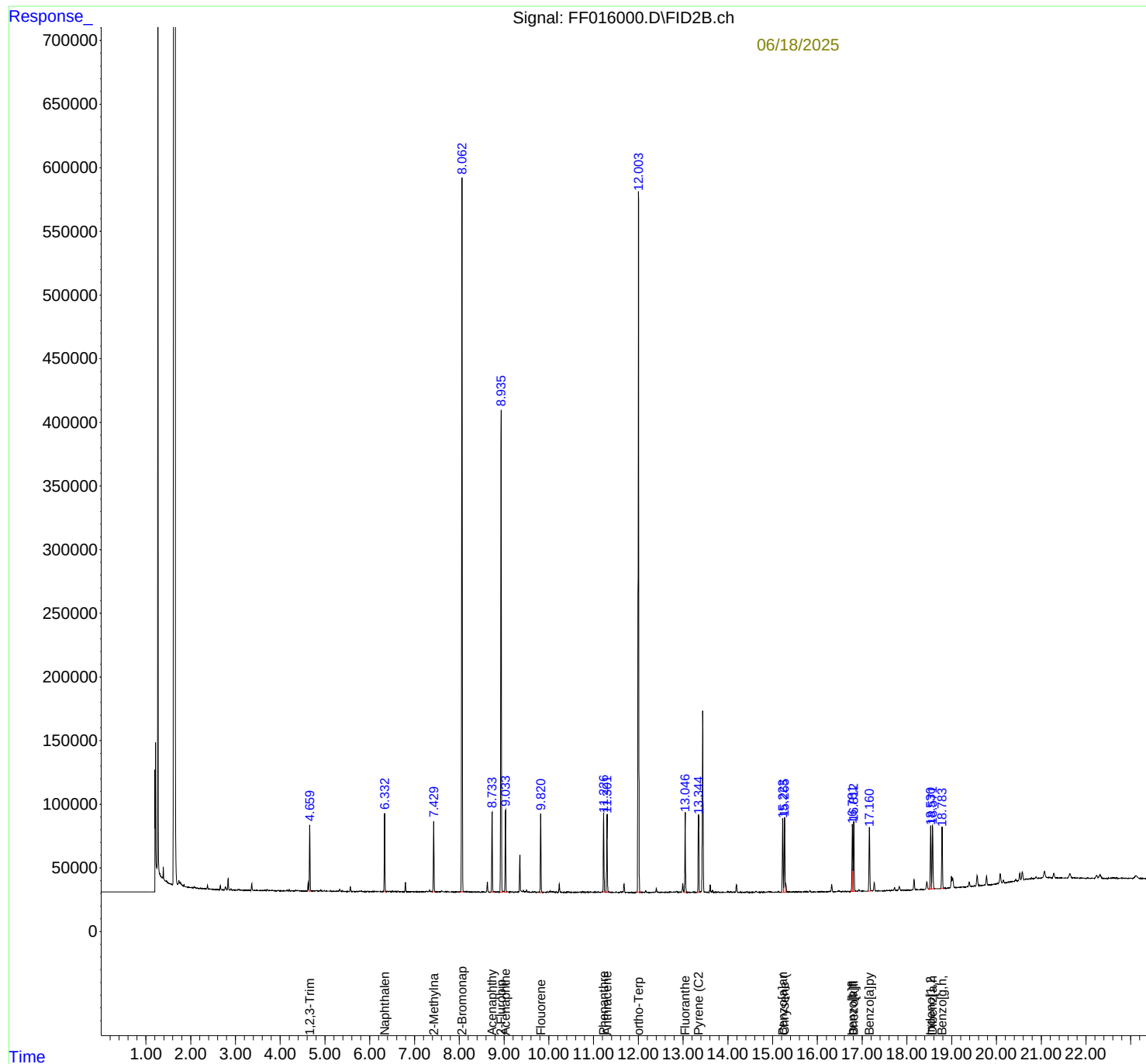
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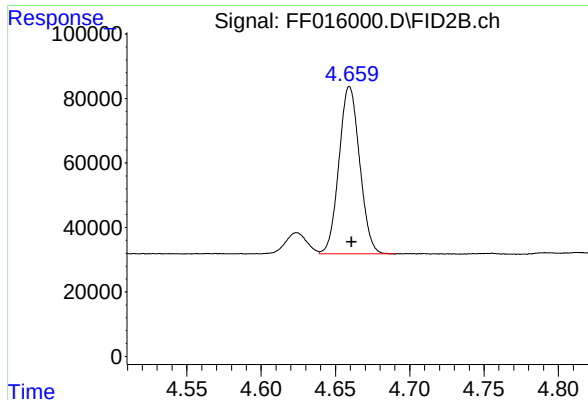
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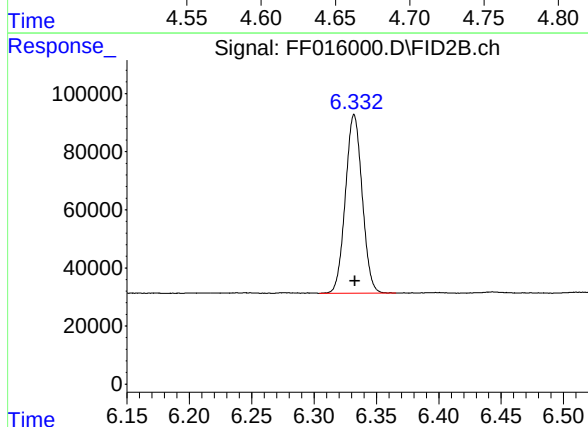
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.660 min
Delta R.T.: -0.001 min
Response: 503133
Conc: 4.06 ug/ml

Instrument :
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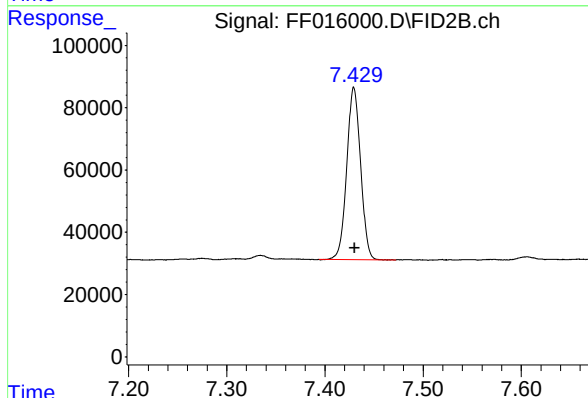


#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 575943
Conc: 4.40 ug/ml

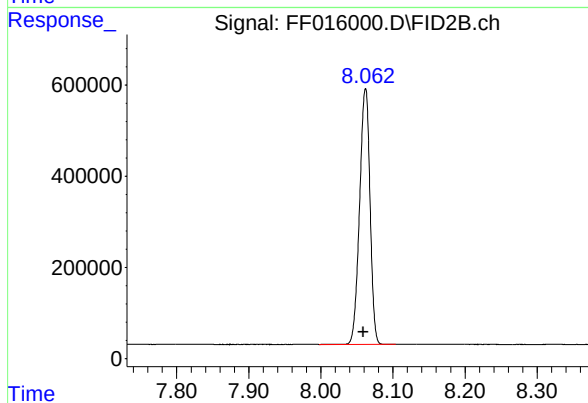
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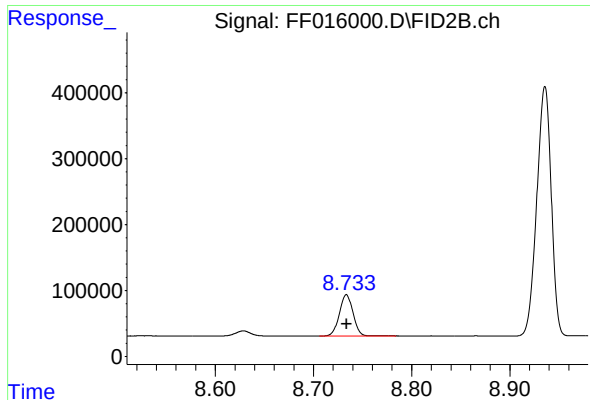
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 542333
Conc: 4.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.062 min
Delta R.T.: 0.003 min
Response: 5641022
Conc: 49.68 ug/ml



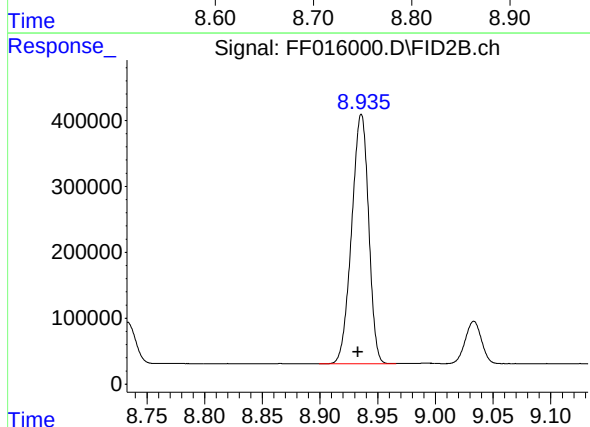
#5 Acenaphthylene (C15.06)

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 609356
Conc: 4.62 ug/ml

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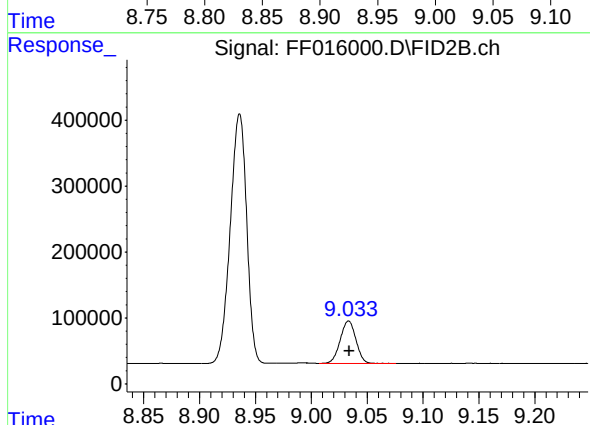


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.936 min
Delta R.T.: 0.003 min
Response: 3880434
Conc: 49.85 ug/ml

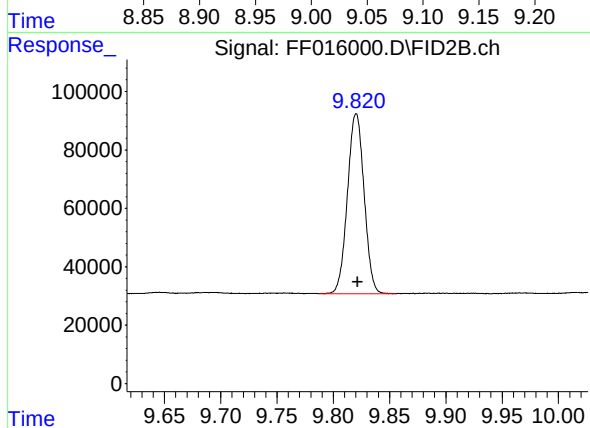
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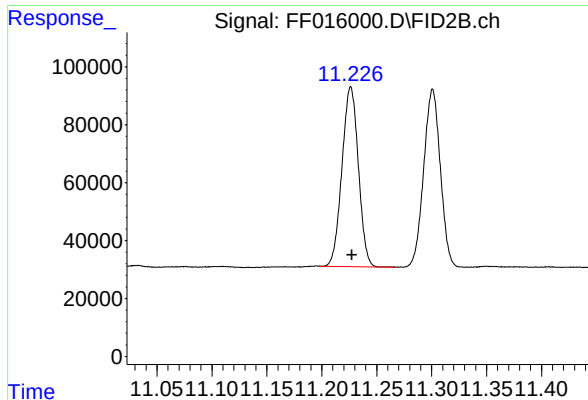
#7 Acenaphthene (C15.5)

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 628722
Conc: 4.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 633980
Conc: 4.87 ug/ml



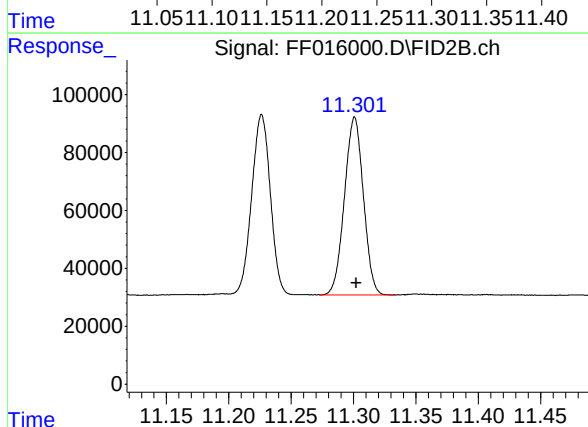
#9 Phenanthrene (C19.36)

R.T.: 11.226 min
Delta R.T.: -0.001 min
Response: 643956
Conc: 4.97 ug/ml

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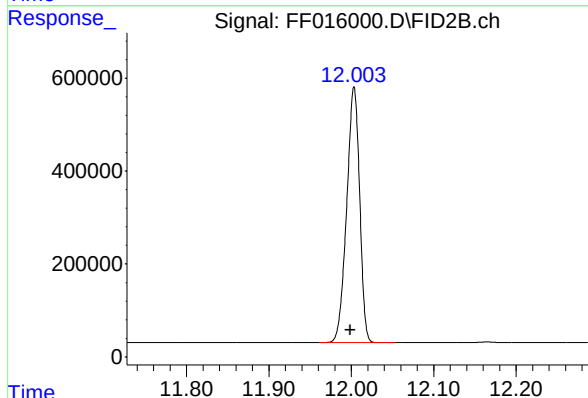


#10 Anthracene (C19.43)

R.T.: 11.301 min
Delta R.T.: -0.001 min
Response: 647973
Conc: 5.02 ug/ml

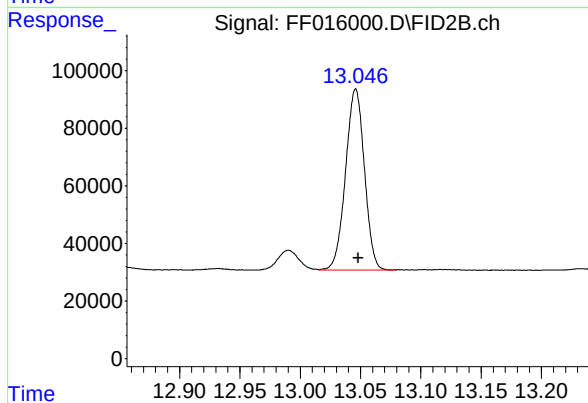
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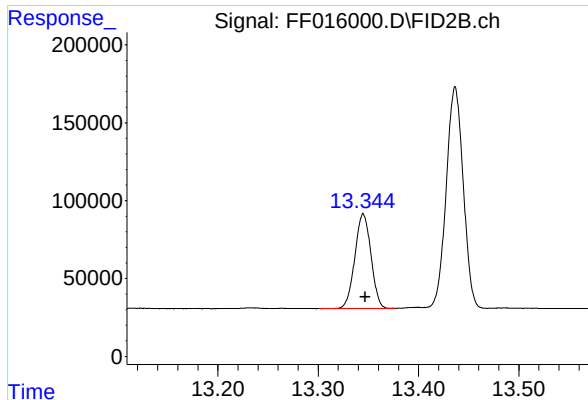
#11 ortho-Terphenyl (SURR)

R.T.: 12.003 min
Delta R.T.: 0.004 min
Response: 6003163
Conc: 45.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.046 min
Delta R.T.: -0.002 min
Response: 682430
Conc: 5.22 ug/ml m



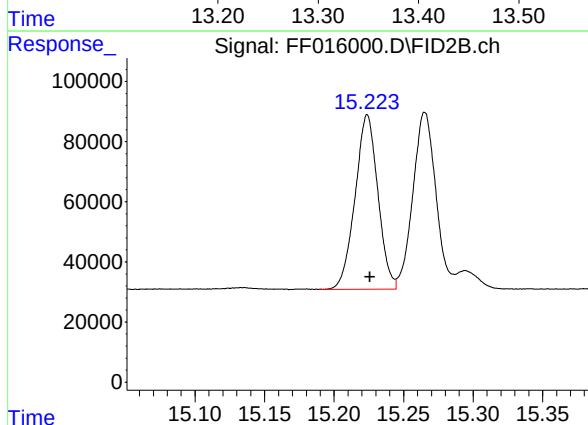
#13 Pyrene (C20.8)

R.T.: 13.345 min
Delta R.T.: -0.002 min
Response: 678977
Conc: 5.24 ug/ml

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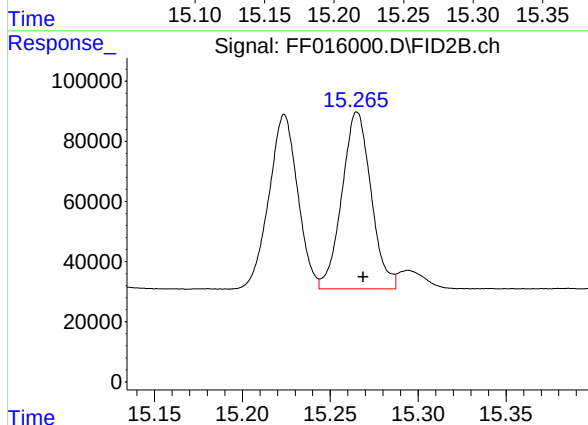


#14 Benzo[a]anthracene (C26.37)

R.T.: 15.224 min
Delta R.T.: -0.002 min
Response: 662554
Conc: 5.26 ug/ml

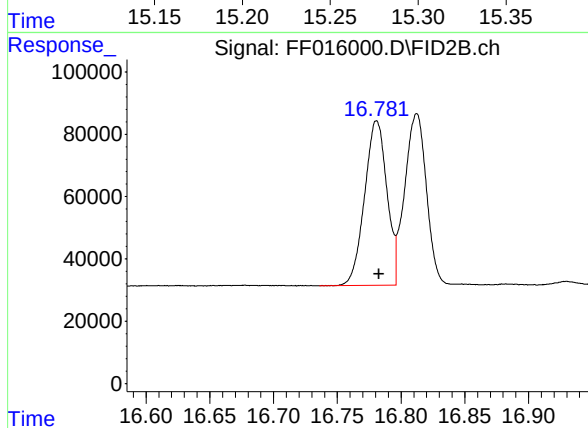
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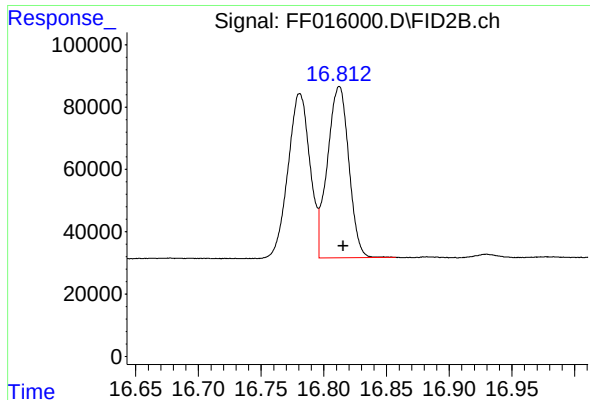
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: -0.004 min
Response: 680482
Conc: 5.33 ug/ml m



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

R.T.: 16.781 min
Delta R.T.: -0.002 min
Response: 644341
Conc: 5.14 ug/ml



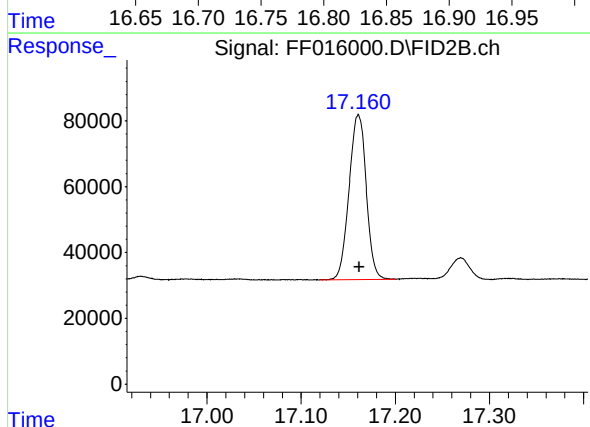
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.812 min
Delta R.T.: -0.003 min
Response: 653397
Conc: 5.51 ug/ml

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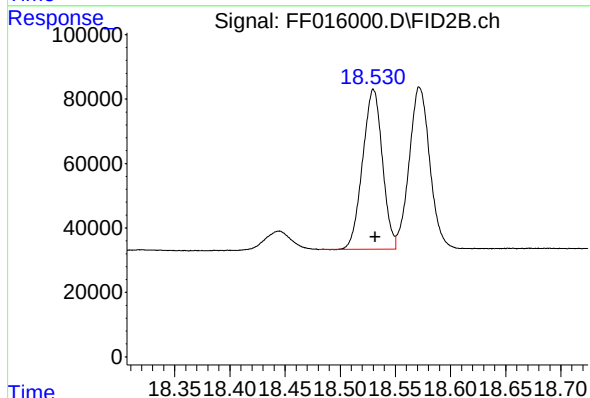


#18 Benzo[a]pyrene (C31.34)

R.T.: 17.161 min
Delta R.T.: -0.001 min
Response: 634982
Conc: 5.20 ug/ml

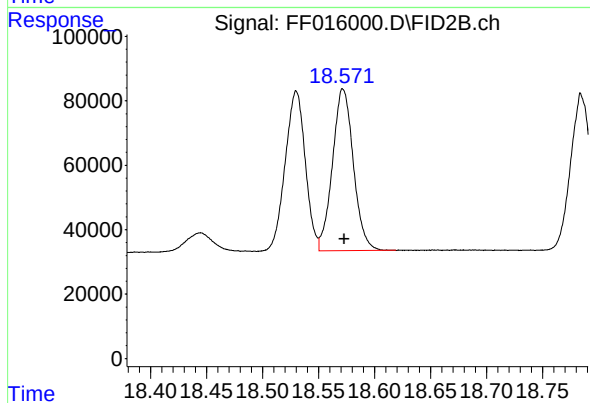
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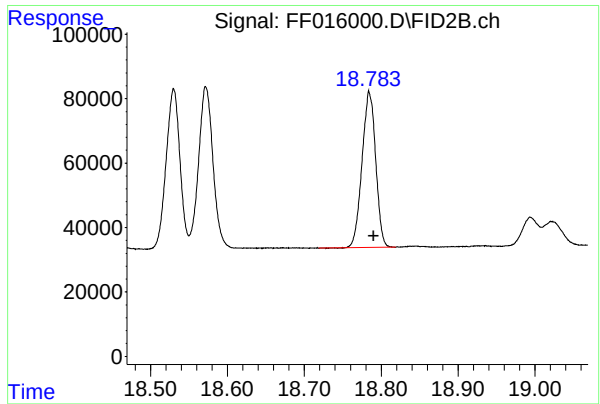
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.530 min
Delta R.T.: -0.002 min
Response: 619787
Conc: 5.56 ug/ml



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

R.T.: 18.572 min
Delta R.T.: -0.001 min
Response: 652600
Conc: 5.61 ug/ml



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

R.T.: 18.785 min
Delta R.T.: -0.005 min
Response: 597556
Conc: 5.13 ug/ml

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