

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082224AR\
 Data File : FF014467.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2024 10:24
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e
 Quant Time: Aug 23 02:41:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 2024
 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...	7.873	2341706	20.913 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
6) S 2-Fluorobiphenyl (SURR)	8.744	1412588	21.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.20%
11) S ortho-Terphenyl (SURR)	11.803	2939522	20.403 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2746422	20.613 ug/ml
2) T Naphthalene (C11.7)	6.151	2763007	20.753 ug/ml
3) T 2-Methylnaphthalene (...)	7.245	2799024	20.968 ug/ml
5) T Acenaphthylene (C15.06)	8.542	2757490	20.585 ug/ml
7) T Acenaphthene (C15.5)	8.841	2914826	20.426 ug/ml
8) T Fluorene (C16.55)	9.630	2667518	20.574 ug/ml
9) T Phenanthrene (C19.36)	11.032	2619869	20.563 ug/ml
10) T Anthracene (C19.43)	11.108	2864338	21.467 ug/ml
12) T Fluoranthene (C21.85)	12.850	2852134	20.758 ug/ml
13) T Pyrene (C20.8)	13.147	2888795	20.856 ug/ml
14) T Benzo[a]anthracene (C...	15.027	2416236	21.488 ug/ml
15) T Chrysene (C27.41)	15.068	3127454	20.020 ug/ml
16) T benzo[b]fluoranthene ...	16.582	2533501	21.533 ug/ml
17) T Bnezo[k]fluoranthene ...	16.614	2861266	19.724 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.961	2586145	20.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.331	1715008	20.515 ug/mlm
20) T Dibenz[a,h]anthracene...	18.375	2790195	20.195 ug/ml
21) T Benzo[g,h,i]perylene ...	18.582	2531014	20.628 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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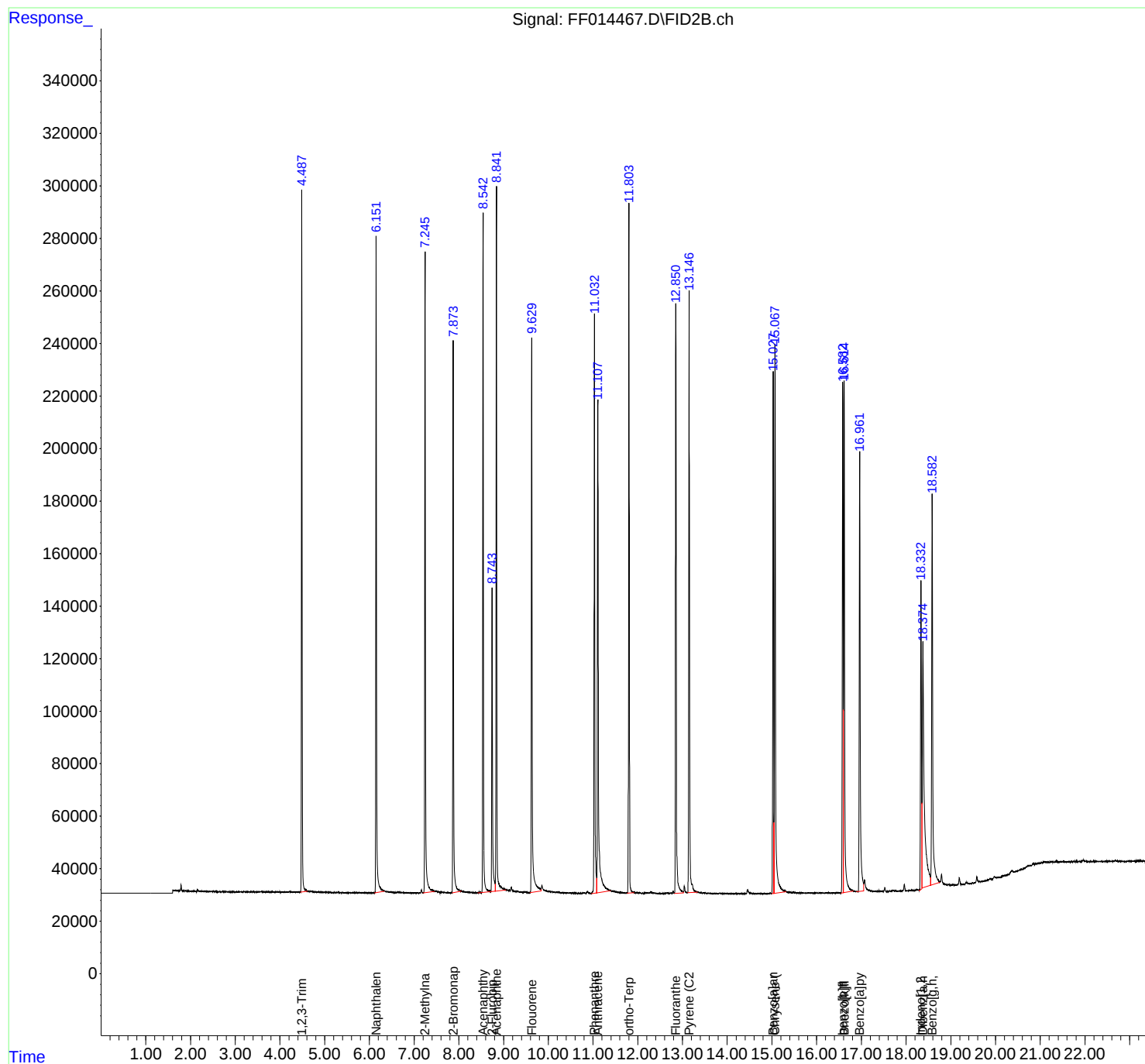
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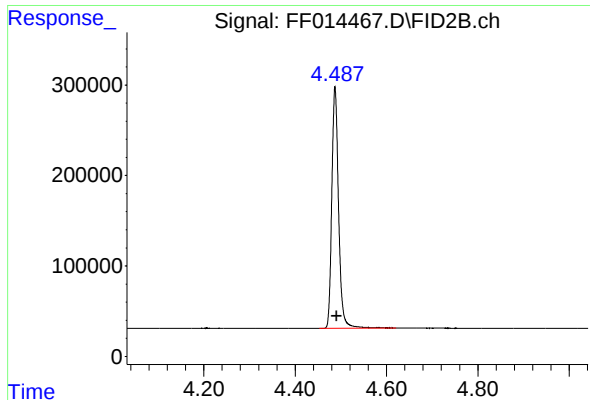
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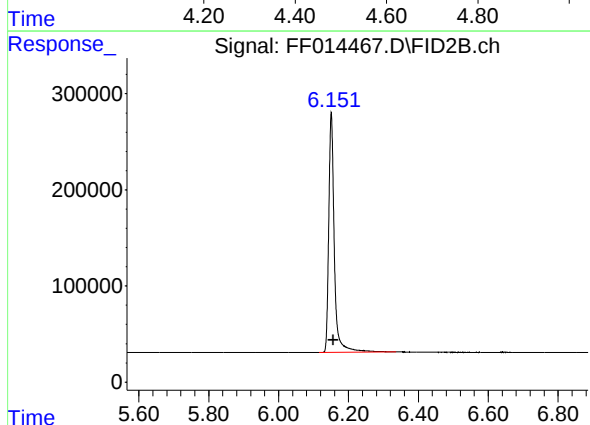
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2746422
Conc: 20.61 ug/ml

Instrument :
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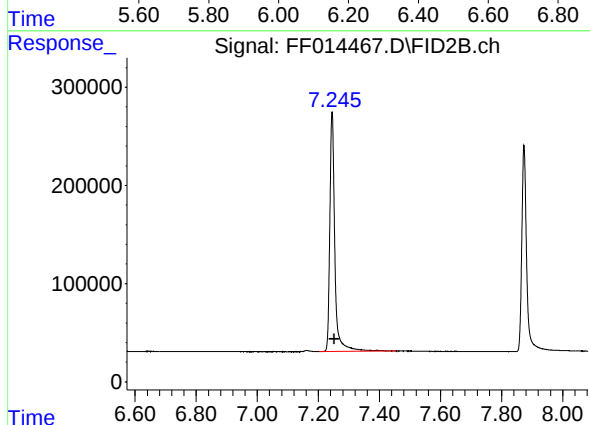
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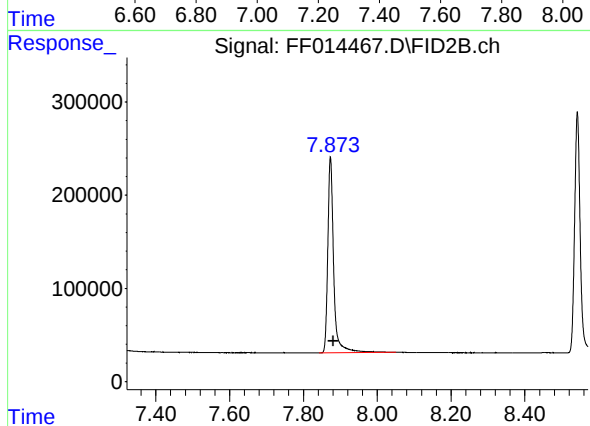
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 2763007
Conc: 20.75 ug/ml



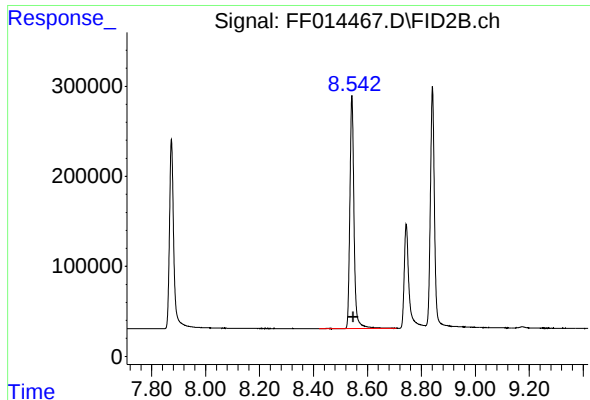
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.008 min
Response: 2799024
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.008 min
Response: 2341706
Conc: 20.91 ug/ml



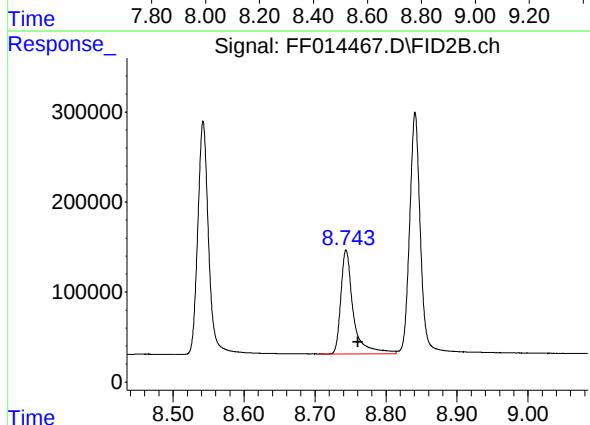
#5 Acenaphthylene (C15.06)

R.T.: 8.542 min
Delta R.T.: -0.005 min
Response: 2757490
Conc: 20.58 ug/ml

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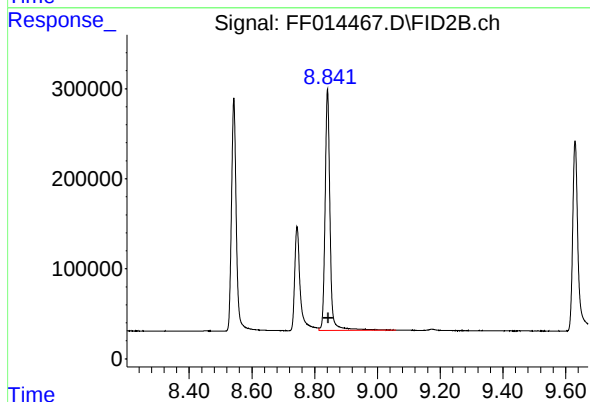
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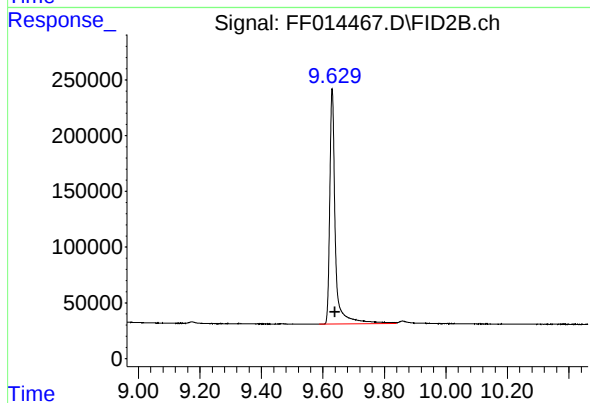
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.017 min
Response: 1412588
Conc: 21.10 ug/ml



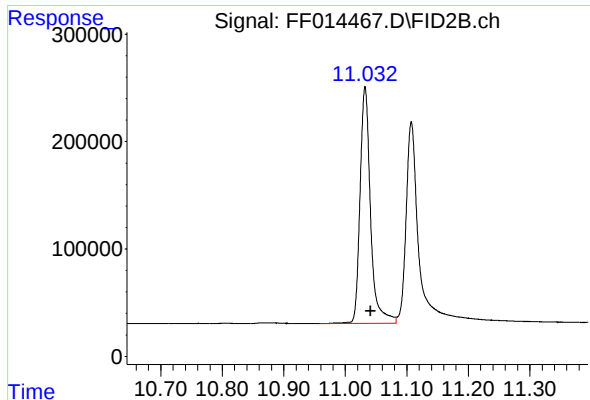
#7 Acenaphthene (C15.5)

R.T.: 8.841 min
Delta R.T.: -0.003 min
Response: 2914826
Conc: 20.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.630 min
Delta R.T.: -0.010 min
Response: 2667518
Conc: 20.57 ug/ml



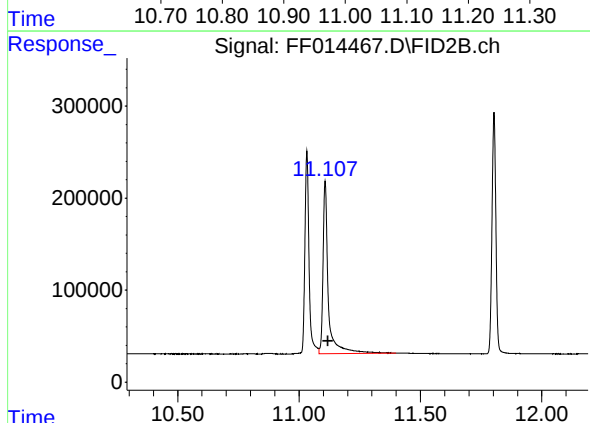
#9 Phenanthrene (C19.36)

R.T.: 11.032 min
Delta R.T.: -0.009 min
Response: 2619869
Conc: 20.56 ug/ml

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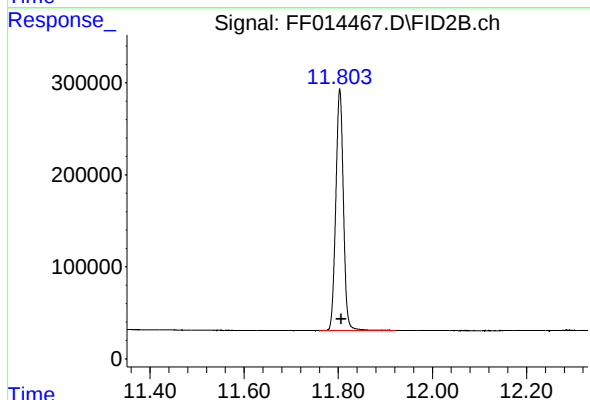
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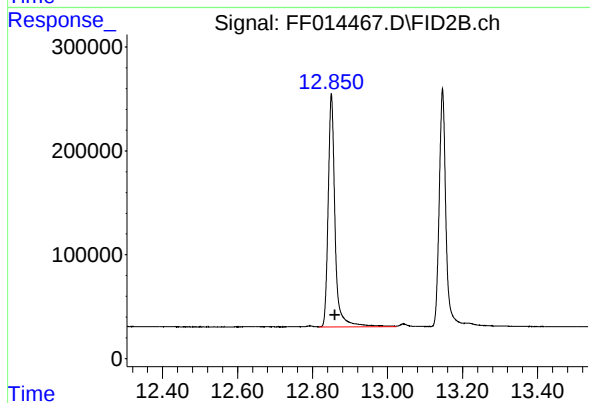
#10 Anthracene (C19.43)

R.T.: 11.108 min
Delta R.T.: -0.012 min
Response: 2864338
Conc: 21.47 ug/ml



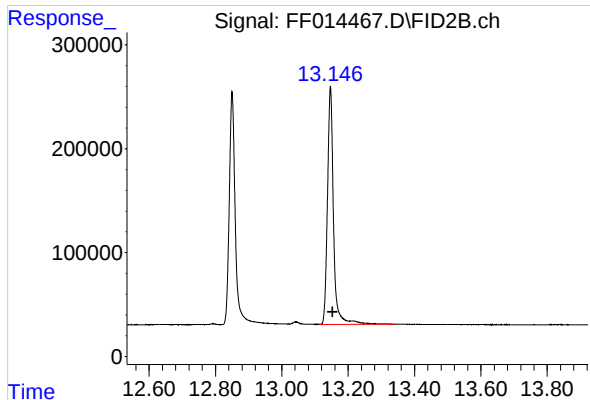
#11 ortho-Terphenyl (SURR)

R.T.: 11.803 min
Delta R.T.: -0.003 min
Response: 2939522
Conc: 20.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.850 min
Delta R.T.: -0.010 min
Response: 2852134
Conc: 20.76 ug/ml



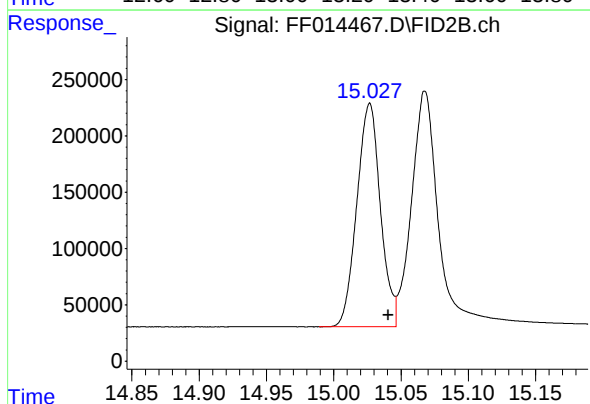
#13 Pyrene (C20.8)

R.T.: 13.147 min
Delta R.T.: -0.007 min
Response: 2888795
Conc: 20.86 ug/ml

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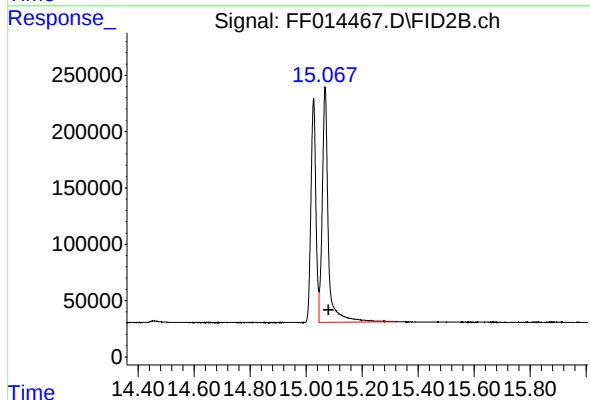
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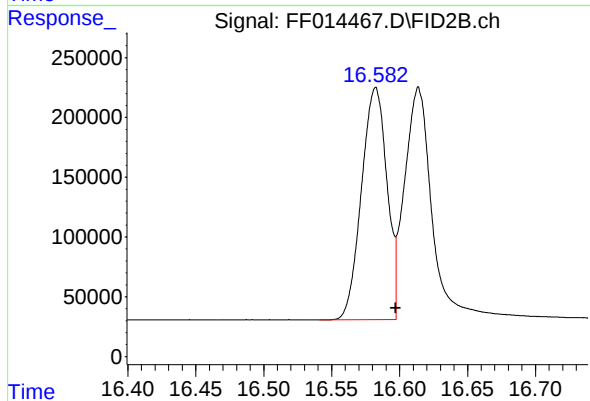
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.027 min
Delta R.T.: -0.014 min
Response: 2416236
Conc: 21.49 ug/ml



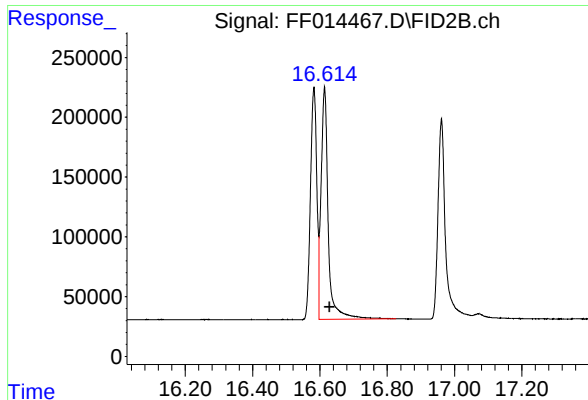
#15 Chrysene (C27.41)

R.T.: 15.068 min
Delta R.T.: -0.013 min
Response: 3127454
Conc: 20.02 ug/ml



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

R.T.: 16.582 min
Delta R.T.: -0.015 min
Response: 2533501
Conc: 21.53 ug/ml



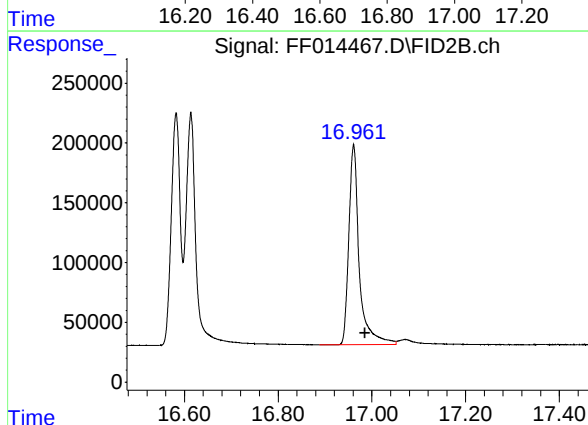
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.614 min
Delta R.T.: -0.016 min
Response: 2861266
Conc: 19.72 ug/ml

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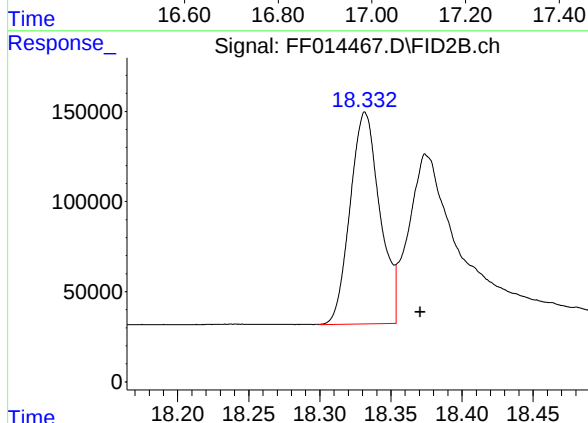
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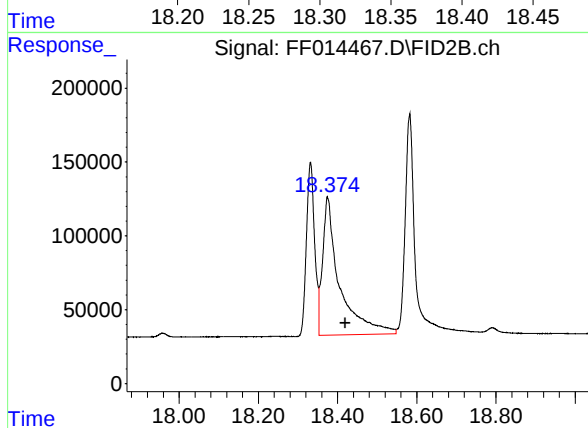
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.961 min
Delta R.T.: -0.024 min
Response: 2586145
Conc: 20.47 ug/ml



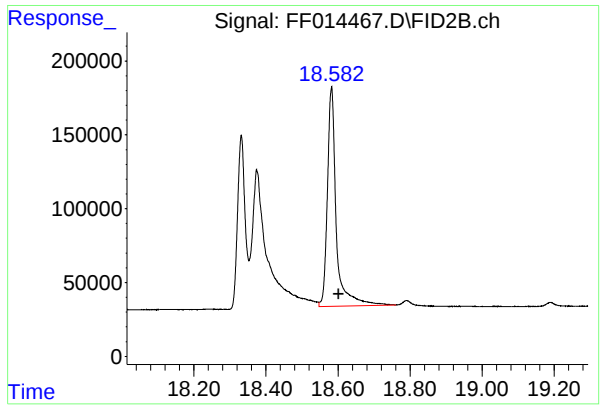
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.331 min
Delta R.T.: -0.039 min
Response: 1715008
Conc: 20.51 ug/ml m



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

R.T.: 18.375 min
Delta R.T.: -0.044 min
Response: 2790195
Conc: 20.19 ug/ml



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

R.T.: 18.582 min
Delta R.T.: -0.020 min
Response: 2531014
Conc: 20.63 ug/ml

Instrument :

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