

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014266.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 11:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/23/2024
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e
 Quant Time: May 22 12:13:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 12:10:50 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...	7.901	1939543	17.942 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
6) S 2-Fluorobiphenyl (SURR)	8.773	1090551	17.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.98%
11) S ortho-Terphenyl (SURR)	11.834	2487553	17.654 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	2368337	17.600 ug/ml
2) T Naphthalene (C11.7)	6.179	2300884	17.834 ug/ml
3) T 2-Methylnaphthalene (...)	7.273	2086292	18.013 ug/ml
5) T Acenaphthylene (C15.06)	8.571	2311474	18.006 ug/ml
7) T Acenaphthene (C15.5)	8.870	2432838	17.824 ug/ml
8) T Flouorene (C16.55)	9.659	1862182	18.979 ug/ml
9) T Phenanthrene (C19.36)	11.062	1803080	17.770 ug/ml
10) T Anthracene (C19.43)	11.138	1659742	17.965 ug/ml
12) T Fluoranthene (C21.85)	12.881	2144285	18.107 ug/ml
13) T Pyrene (C20.8)	13.179	2189526	18.205 ug/ml
14) T Benzo[a]anthracene (C...	15.058	1042331	20.070 ug/ml
15) T Chrysene (C27.41)	15.100	1734350	20.202 ug/ml
16) T benzo[b]fluoranthene ...	16.616	1913219	19.240 ug/ml
17) T Bnezo[k]fluoranthene ...	16.646	2026587	18.750 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.995	1752049	19.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.367	1139659	16.473 ug/mlm
20) T Dibenz[a,h]anthracene...	18.413	1171509	19.265 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2135806	17.509 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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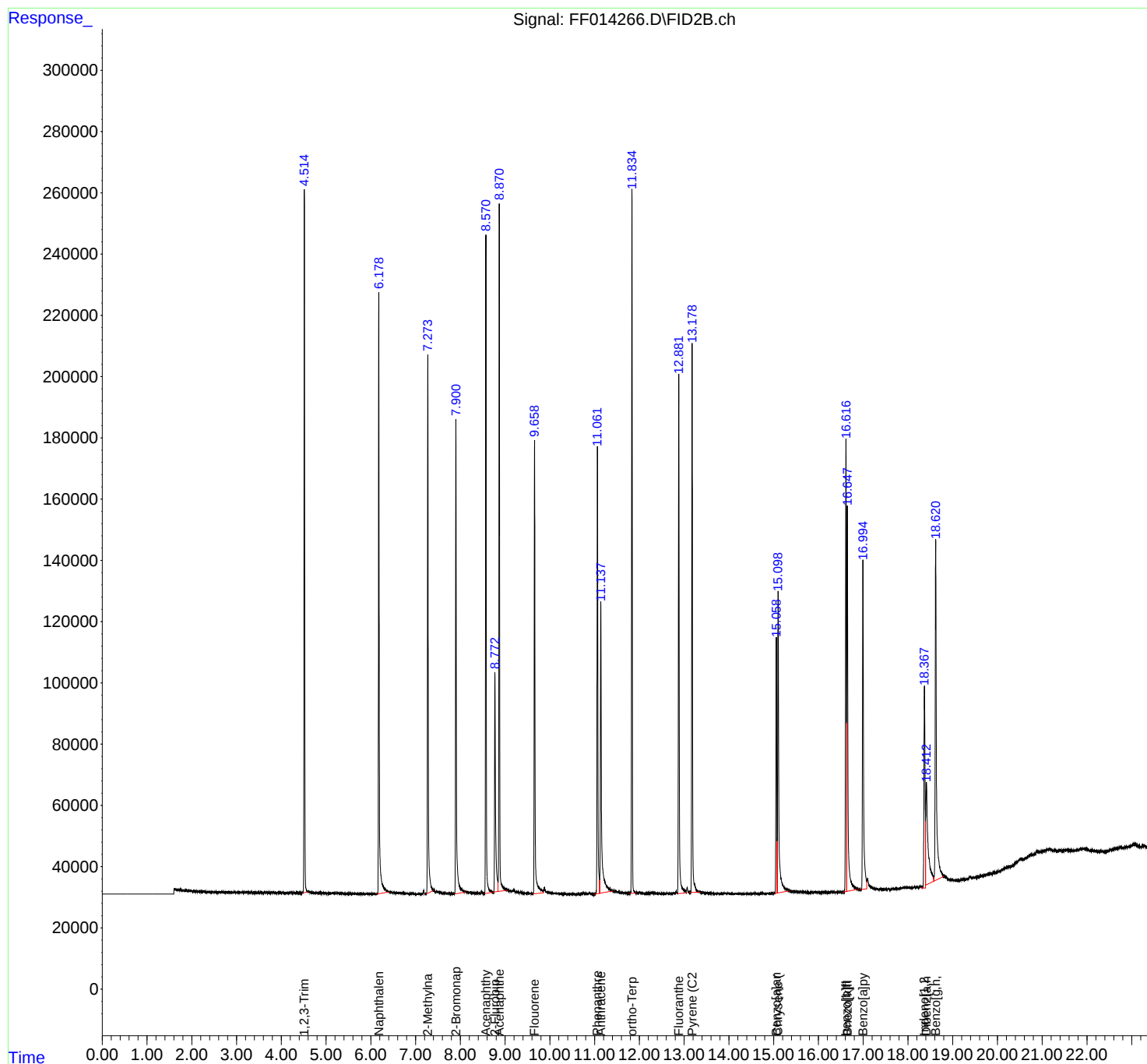
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20 PPM AROMATIC HC STD ICV

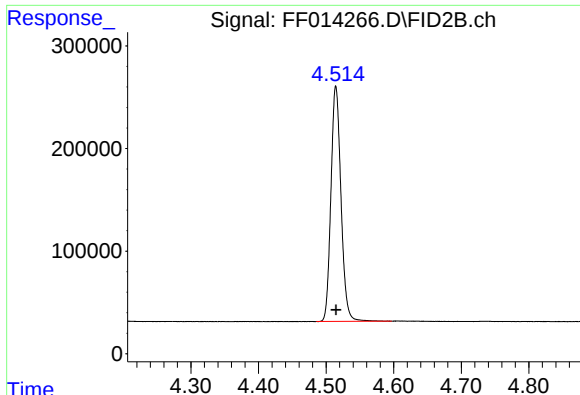
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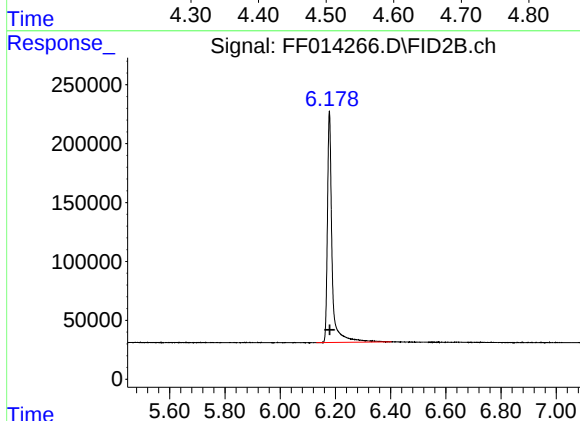
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 2368337
Conc: 17.60 ug/ml

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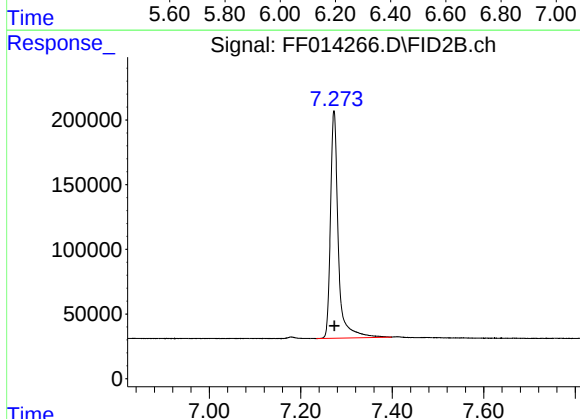
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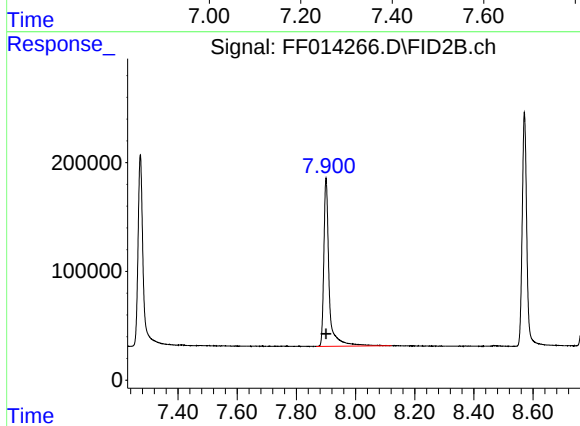
#2 Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 2300884
Conc: 17.83 ug/ml



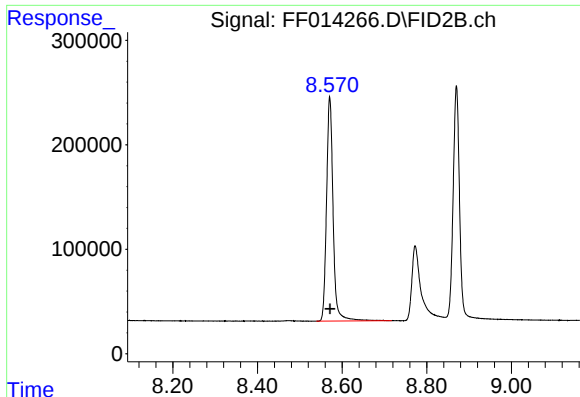
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 2086292
Conc: 18.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 1939543
Conc: 17.94 ug/ml



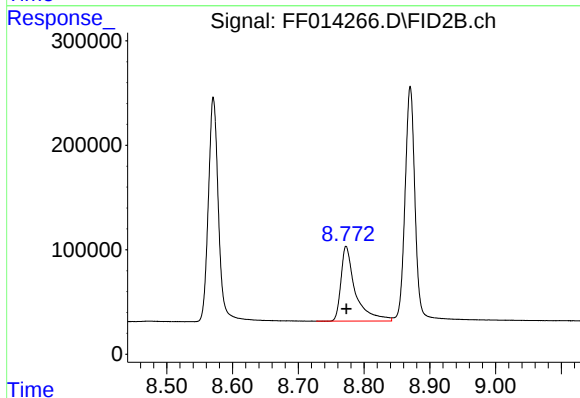
#5 Acenaphthylene (C15.06)

R.T.: 8.571 min
Delta R.T.: -0.001 min
Response: 2311474
Conc: 18.01 ug/ml

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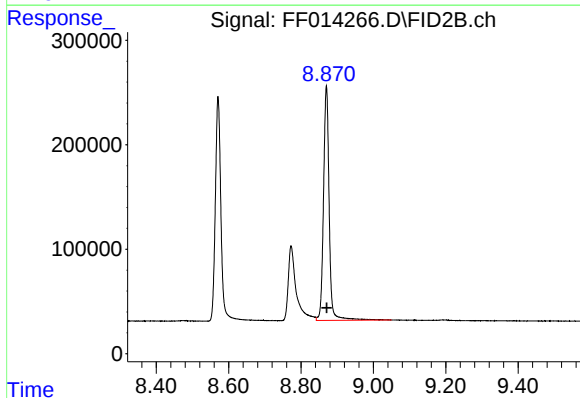
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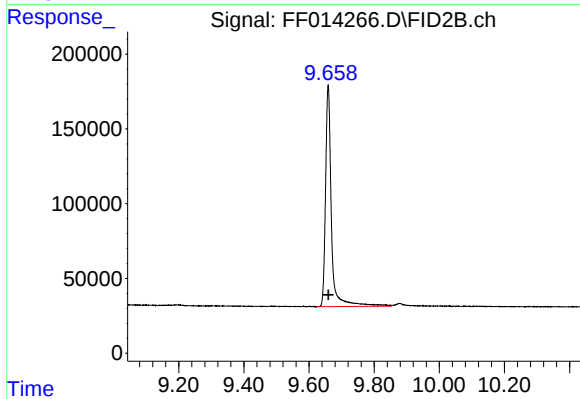
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 1090551
Conc: 17.99 ug/ml



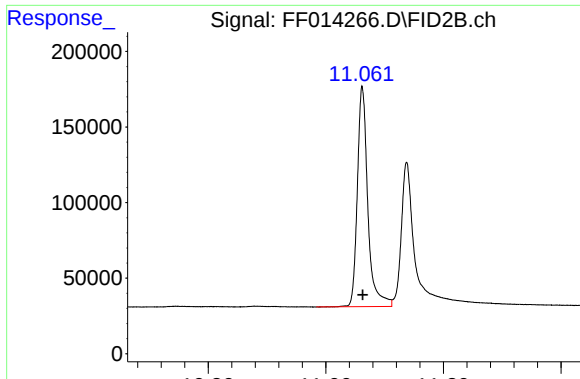
#7 Acenaphthene (C15.5)

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 2432838
Conc: 17.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.659 min
Delta R.T.: 0.000 min
Response: 1862182
Conc: 18.98 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 1803080
Conc: 17.77 ug/ml

Instrument :

FID_F

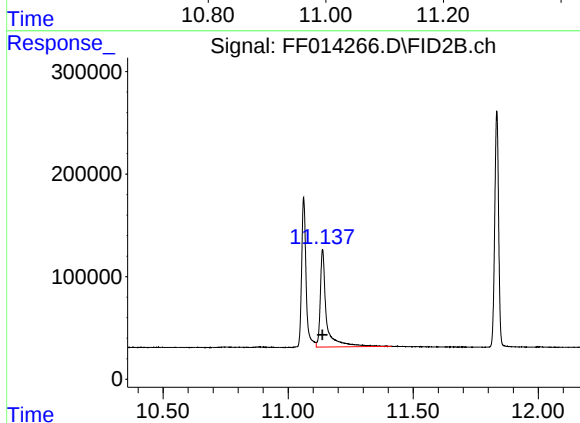
ClientSampleId :

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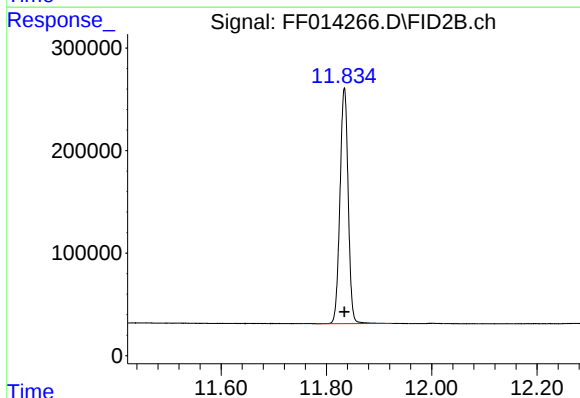
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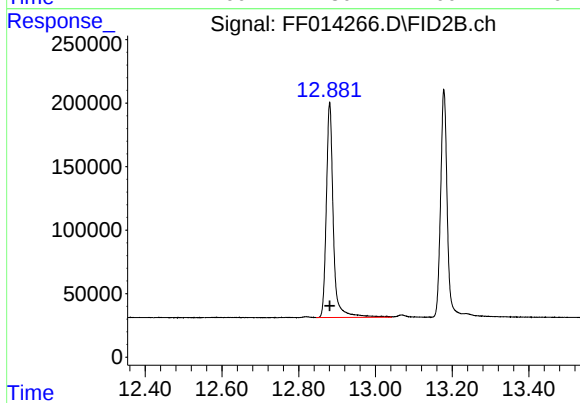
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 1659742
Conc: 17.97 ug/ml



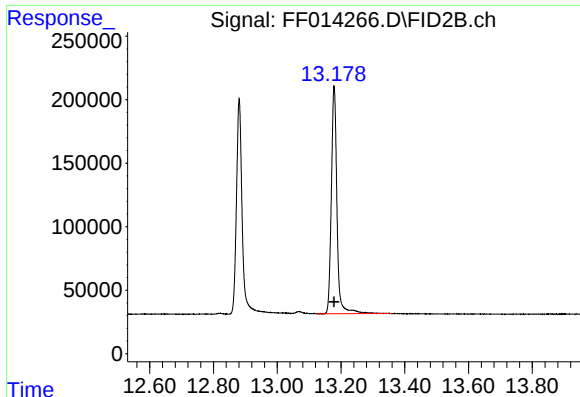
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 2487553
Conc: 17.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.881 min
Delta R.T.: 0.000 min
Response: 2144285
Conc: 18.11 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2189526
Conc: 18.21 ug/ml

Instrument :

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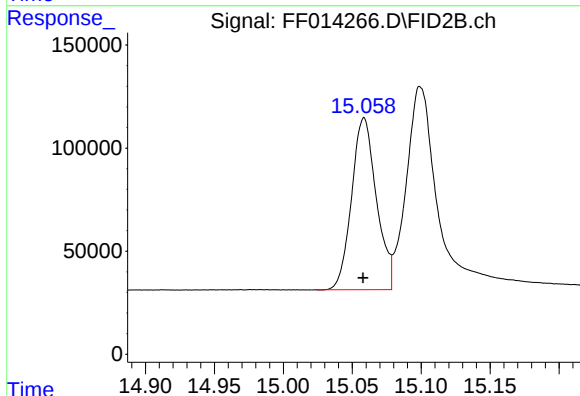
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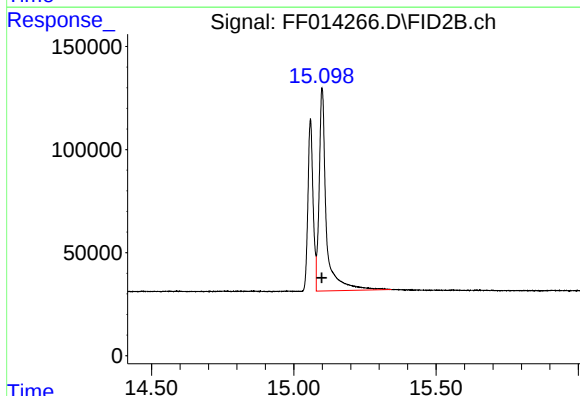
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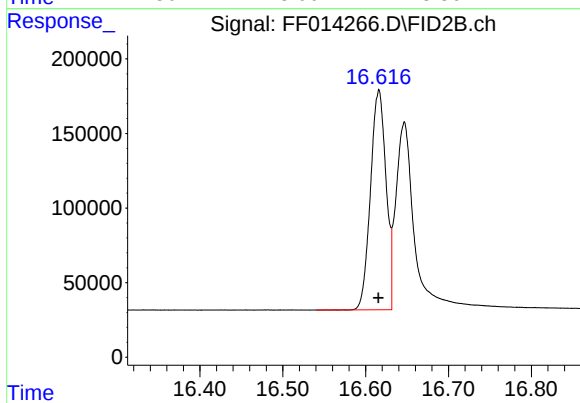
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.058 min
Delta R.T.: 0.000 min
Response: 1042331
Conc: 20.07 ug/ml



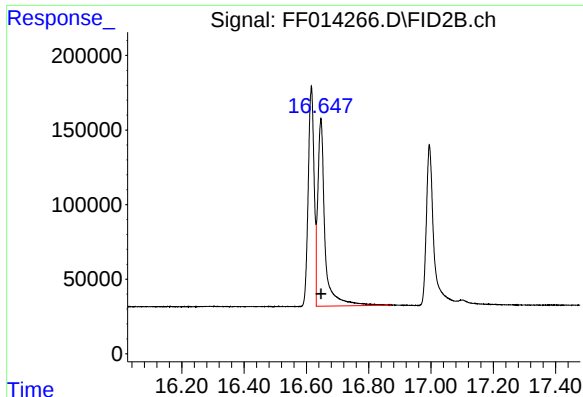
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: 0.000 min
Response: 1734350
Conc: 20.20 ug/ml



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

R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 1913219
Conc: 19.24 ug/ml



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

R.T.: 16.646 min
Delta R.T.: 0.000 min
Response: 2026587
Conc: 18.75 ug/ml

Instrument :

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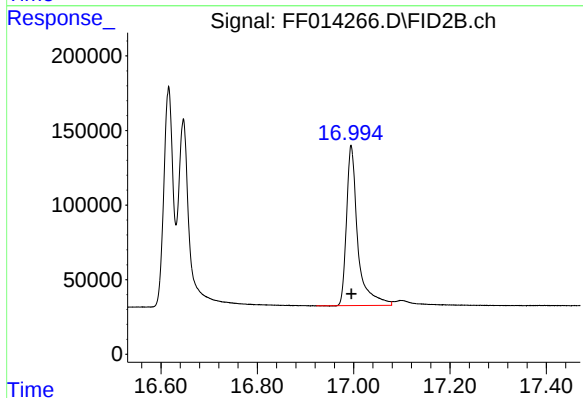
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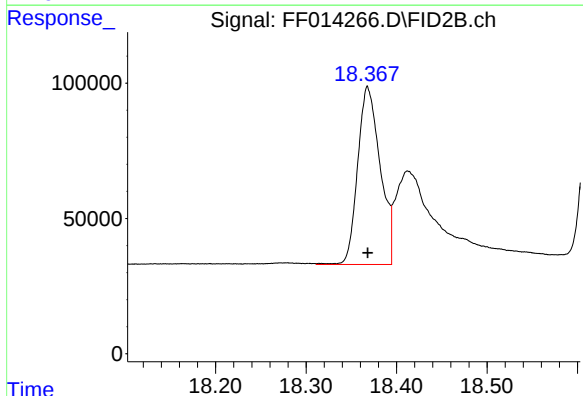
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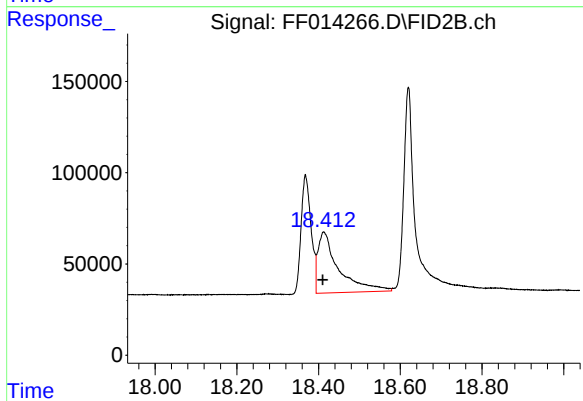
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.995 min
Delta R.T.: 0.000 min
Response: 1752049
Conc: 19.01 ug/ml



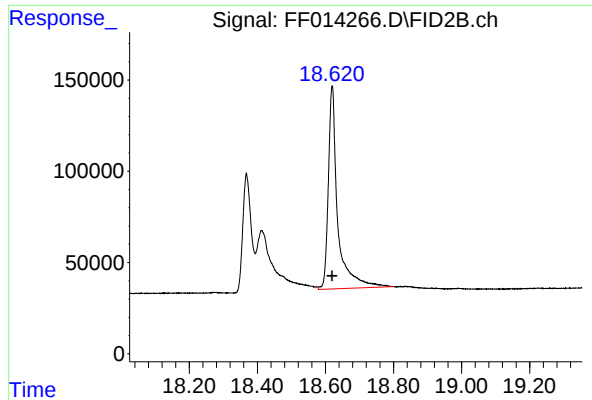
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.367 min
Delta R.T.: 0.000 min
Response: 1139659
Conc: 16.47 ug/ml m



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

R.T.: 18.413 min
Delta R.T.: 0.003 min
Response: 1171509
Conc: 19.26 ug/ml



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

R.T.: 18.620 min
Delta R.T.: 0.000 min
Response: 2135806
Conc: 17.51 ug/ml

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