

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015634.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:14
 Operator : YP\AJ
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-101-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e
 Quant Time: Mar 11 03:24:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 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...	7.997	6376280	54.772 ug/ml
Spiked Amount 50.000		Recovery =	109.54%
6) S 2-Fluorobiphenyl (SURR)	8.875	3847204	54.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.02%
11) S ortho-Terphenyl (SURR)	11.934	4755517	32.328 ug/ml
Spiked Amount 50.000		Recovery =	64.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4287013	33.208 ug/ml
2) T Naphthalene (C11.7)	6.275	4728989	37.054 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	4613932	36.440 ug/ml
5) T Acenaphthylene (C15.06)	8.673	5488943	38.831 ug/ml
7) T Acenaphthene (C15.5)	8.971	5941626	41.717 ug/ml
8) T Flouorene (C16.55)	9.762	5982248	44.958 ug/ml
9) T Phenanthrene (C19.36)	11.170	6154497	47.314 ug/ml
10) T Anthracene (C19.43)	11.245	6129272	48.936 ug/ml
12) T Fluoranthene (C21.85)	12.994	6454604	45.706 ug/ml
13) T Pyrene (C20.8)	13.292	6386504	44.423 ug/ml
14) T Benzo[a]anthracene (C...	15.177	5803370	49.405 ug/ml
15) T Chrysene (C27.41)	15.219	6980582	46.736 ug/ml
16) T benzo[b]fluoranthene ...	16.740	5812993	44.633 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	6180819	41.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5381621	42.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.499	5193699	50.742 ug/mlm
20) T Dibenz[a,h]anthracene...	18.531	5339576	41.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	5437974	43.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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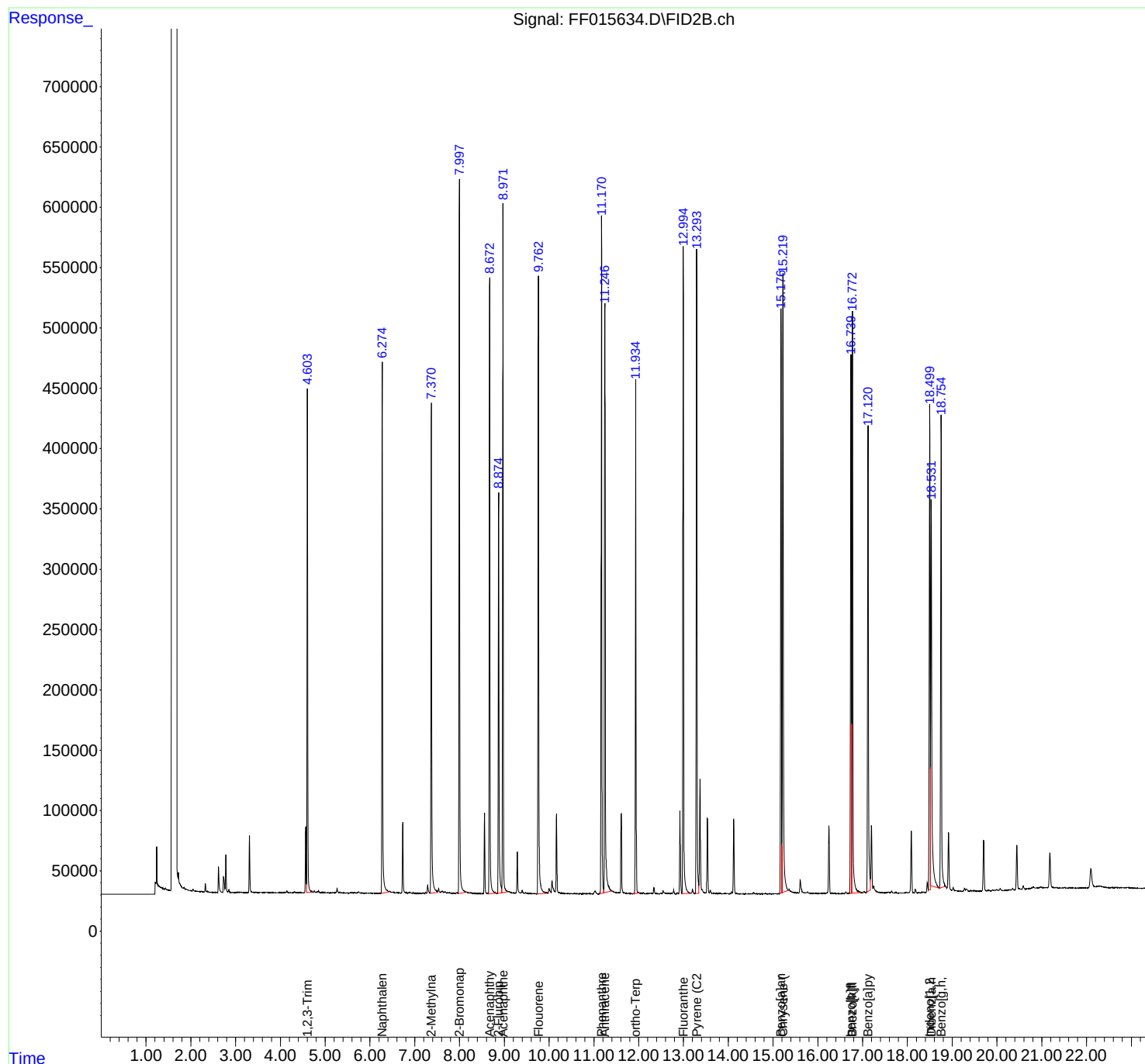
Response via : Initial Calibration

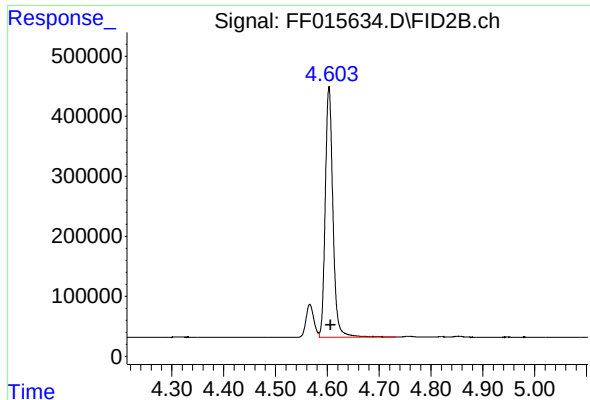
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 4287013
Conc: 33.21 ug/ml

Instrument :

FID_F

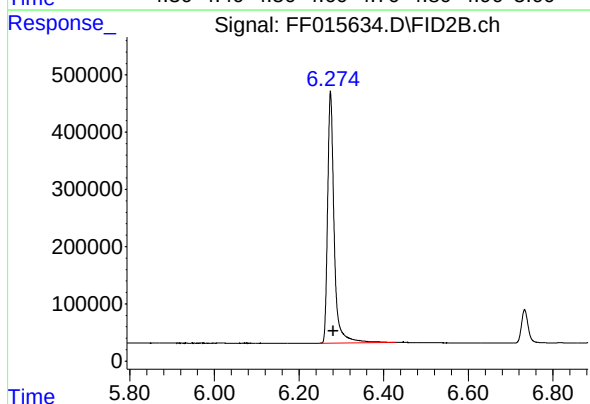
ClientSampleId :

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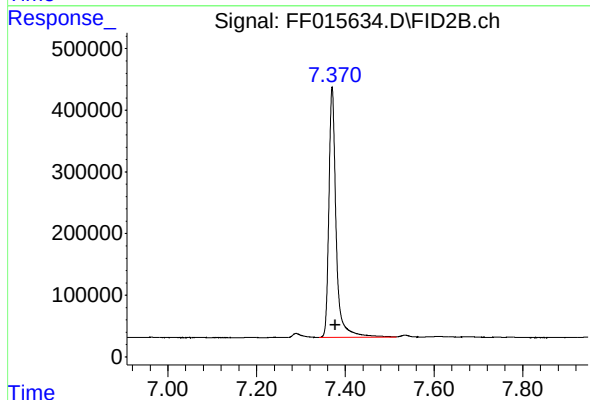
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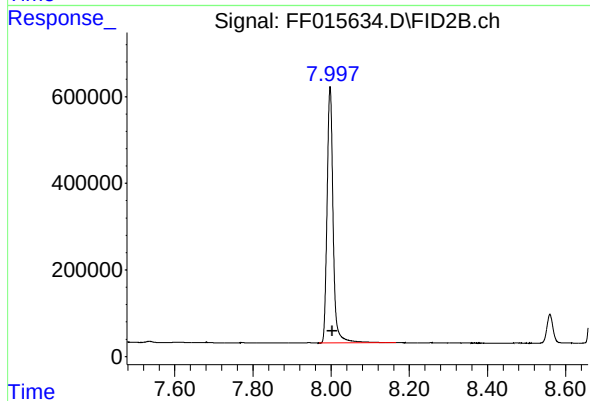
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 4728989
Conc: 37.05 ug/ml



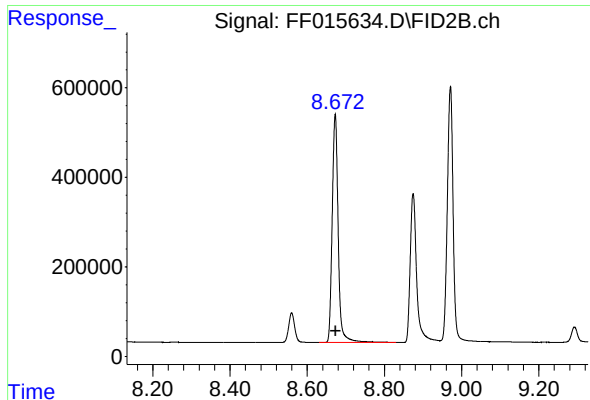
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 4613932
Conc: 36.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6376280
Conc: 54.77 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.673 min
Delta R.T.: -0.002 min
Response: 5488943
Conc: 38.83 ug/ml

Instrument :

FID_F

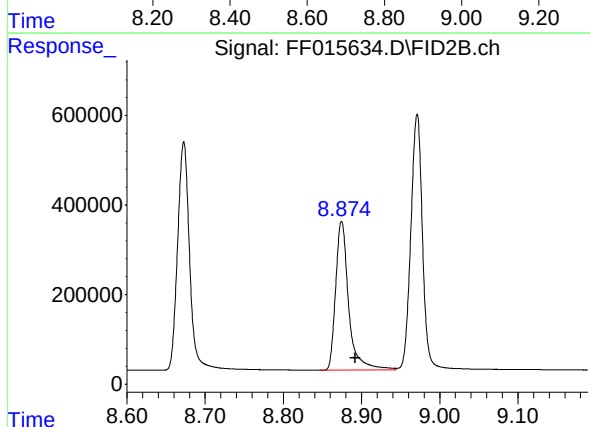
ClientSampleId :

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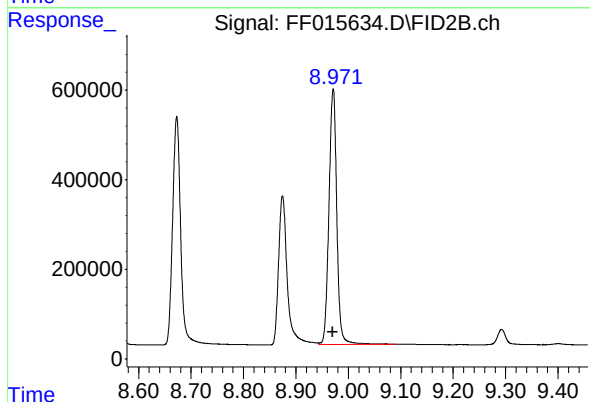
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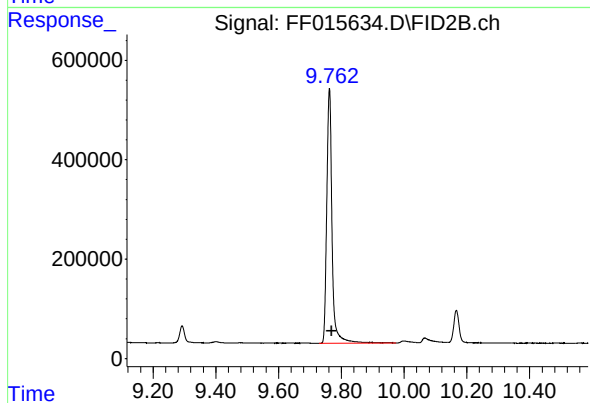
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3847204
Conc: 54.01 ug/ml



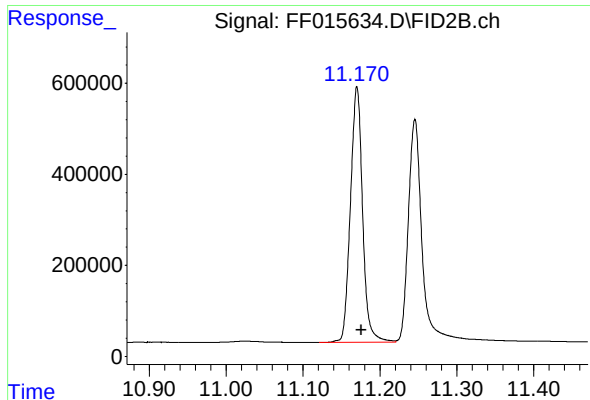
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.001 min
Response: 5941626
Conc: 41.72 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.762 min
Delta R.T.: -0.007 min
Response: 5982248
Conc: 44.96 ug/ml



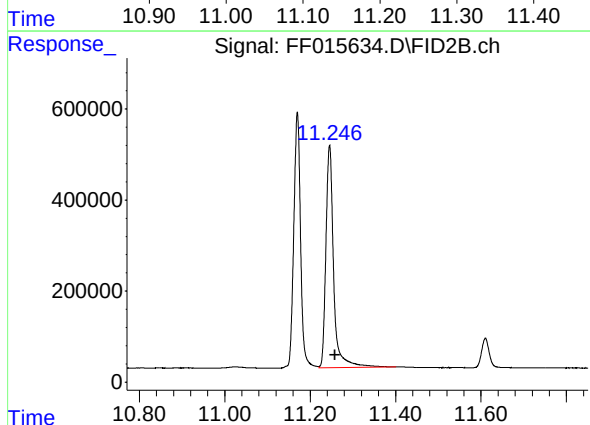
#9 Phenanthrene (C19.36)

R.T.: 11.170 min
Delta R.T.: -0.006 min
Response: 6154497
Conc: 47.31 ug/ml

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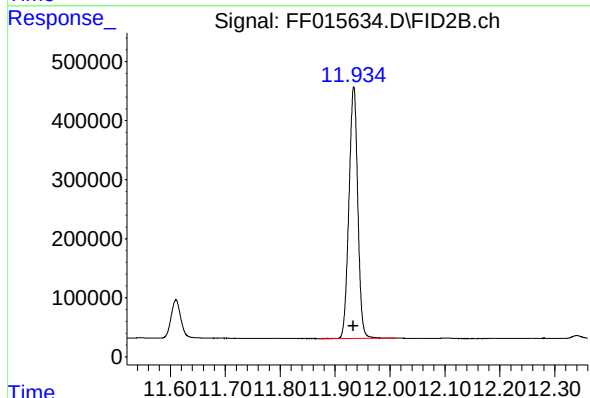
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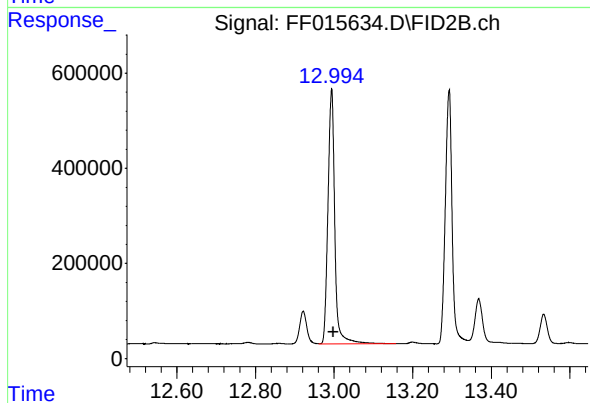
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: -0.013 min
Response: 6129272
Conc: 48.94 ug/ml



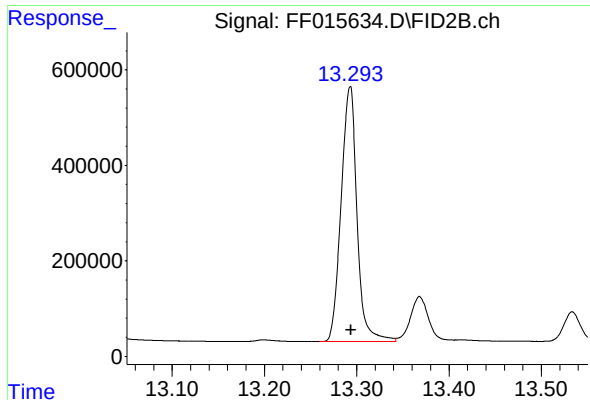
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 4755517
Conc: 32.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.994 min
Delta R.T.: -0.005 min
Response: 6454604
Conc: 45.71 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.292 min
Delta R.T.: -0.001 min
Response: 6386504
Conc: 44.42 ug/ml

Instrument :

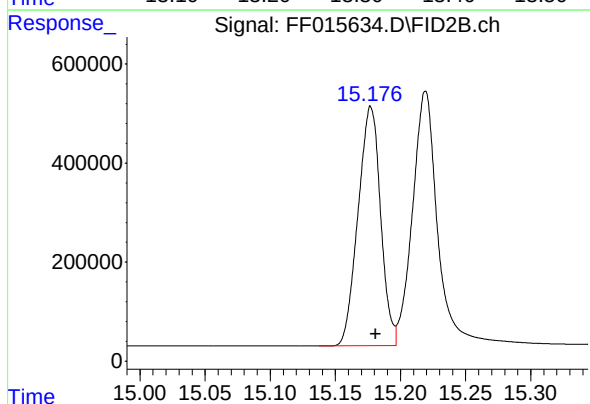
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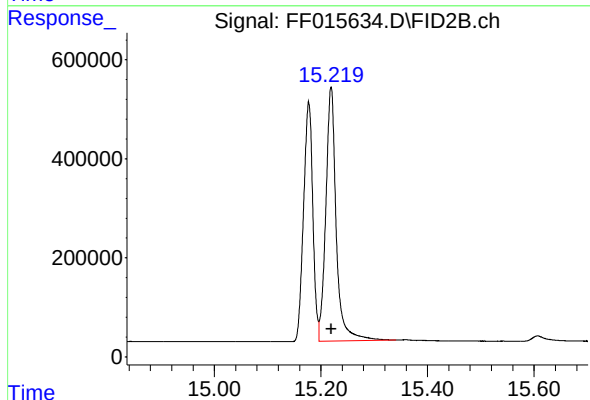
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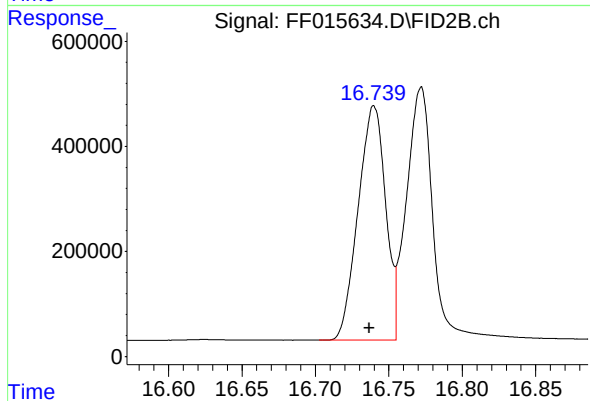
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.177 min
Delta R.T.: -0.004 min
Response: 5803370
Conc: 49.41 ug/ml



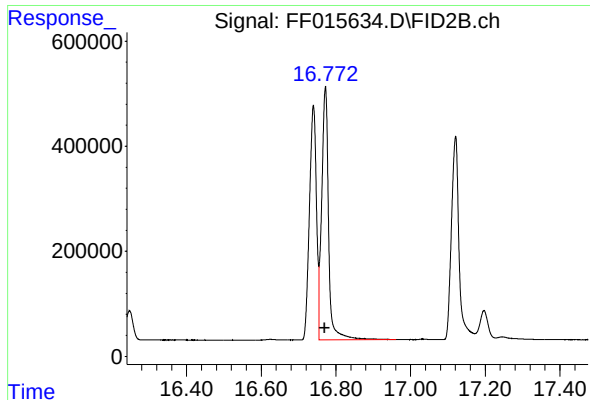
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 6980582
Conc: 46.74 ug/ml



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

R.T.: 16.740 min
Delta R.T.: 0.003 min
Response: 5812993
Conc: 44.63 ug/ml



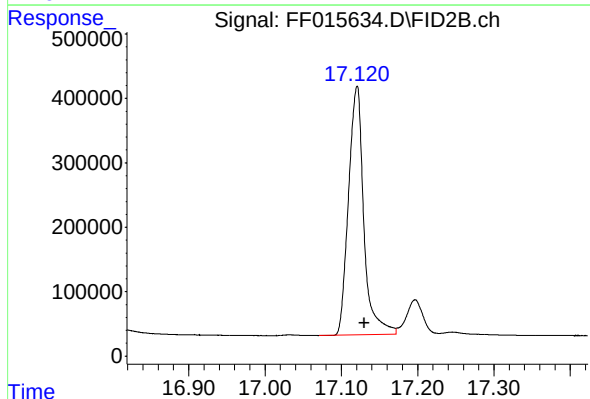
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.772 min
Delta R.T.: 0.002 min
Response: 6180819
Conc: 41.42 ug/ml

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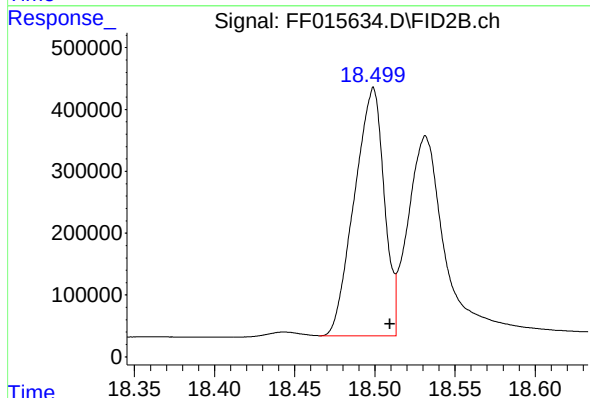
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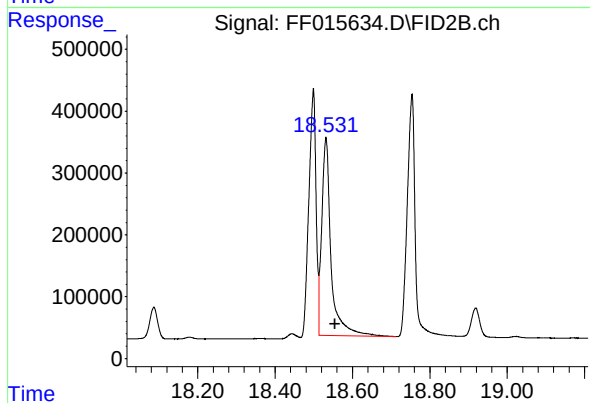
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.120 min
Delta R.T.: -0.010 min
Response: 5381621
Conc: 42.41 ug/ml



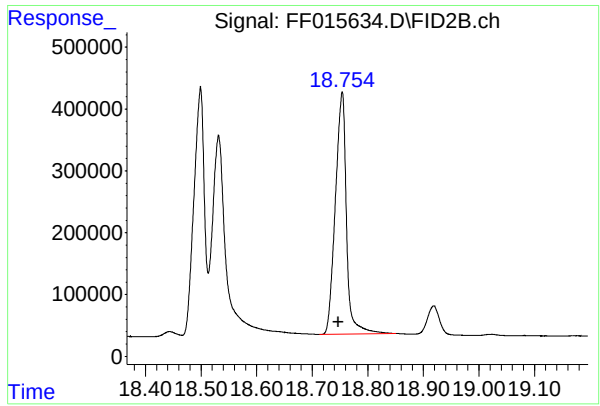
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.499 min
Delta R.T.: -0.011 min
Response: 5193699
Conc: 50.74 ug/ml m



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

R.T.: 18.531 min
Delta R.T.: -0.024 min
Response: 5339576
Conc: 41.30 ug/ml



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

R.T.: 18.753 min
Delta R.T.: 0.006 min
Response: 5437974
Conc: 43.70 ug/ml

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