

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092225AR\
 Data File : FF016422.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 15:41
 Operator : YP\AJ
 Sample : PB169763BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB169763BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/23/2025

Supervised By :mohammad ahmed 09/24/2025

Integration File: autoint1.e

Quant Time: Sep 23 01:26:03 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M

Quant Title : GC Extractables

QLast Update : Fri Aug 29 09:10:12 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...	8.034	5935498	49.650 ug/ml
Spiked Amount 50.000		Recovery =	99.30%
6) S 2-Fluorobiphenyl (SURR)	8.912	4061825	49.049 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.10%
11) S ortho-Terphenyl (SURR)	11.980	6193041	42.702 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	5001060	38.592 ug/ml
2) T Naphthalene (C11.7)	6.304	5890843	43.061 ug/ml
3) T 2-Methylnaphthalene (...)	7.405	5998440	42.891 ug/ml
5) T Acenaphthylene (C15.06)	8.713	7149255	50.921 ug/ml
7) T Acenaphthene (C15.5)	9.014	7311956	52.169 ug/ml
8) T Flouorene (C16.55)	9.805	7789156	55.744 ug/ml
9) T Phenanthrene (C19.36)	11.215	8043458	57.045 ug/ml
10) T Anthracene (C19.43)	11.291	7966835	57.619 ug/ml
12) T Fluoranthene (C21.85)	13.041	8021657	56.866 ug/ml
13) T Pyrene (C20.8)	13.341	8012908	57.254 ug/ml
14) T Benzo[a]anthracene (C...	15.226	7631465	57.704 ug/ml
15) T Chrysene (C27.41)	15.273	8705726	63.867 ug/ml
16) T benzo[b]fluoranthene ...	16.790	7369607	56.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.828	7360853	58.839 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.174	7180526	56.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.555	7952758	69.616 ug/ml
20) T Dibenz[a,h]anthracene...	18.592	7044696	56.123 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.814	7152066	57.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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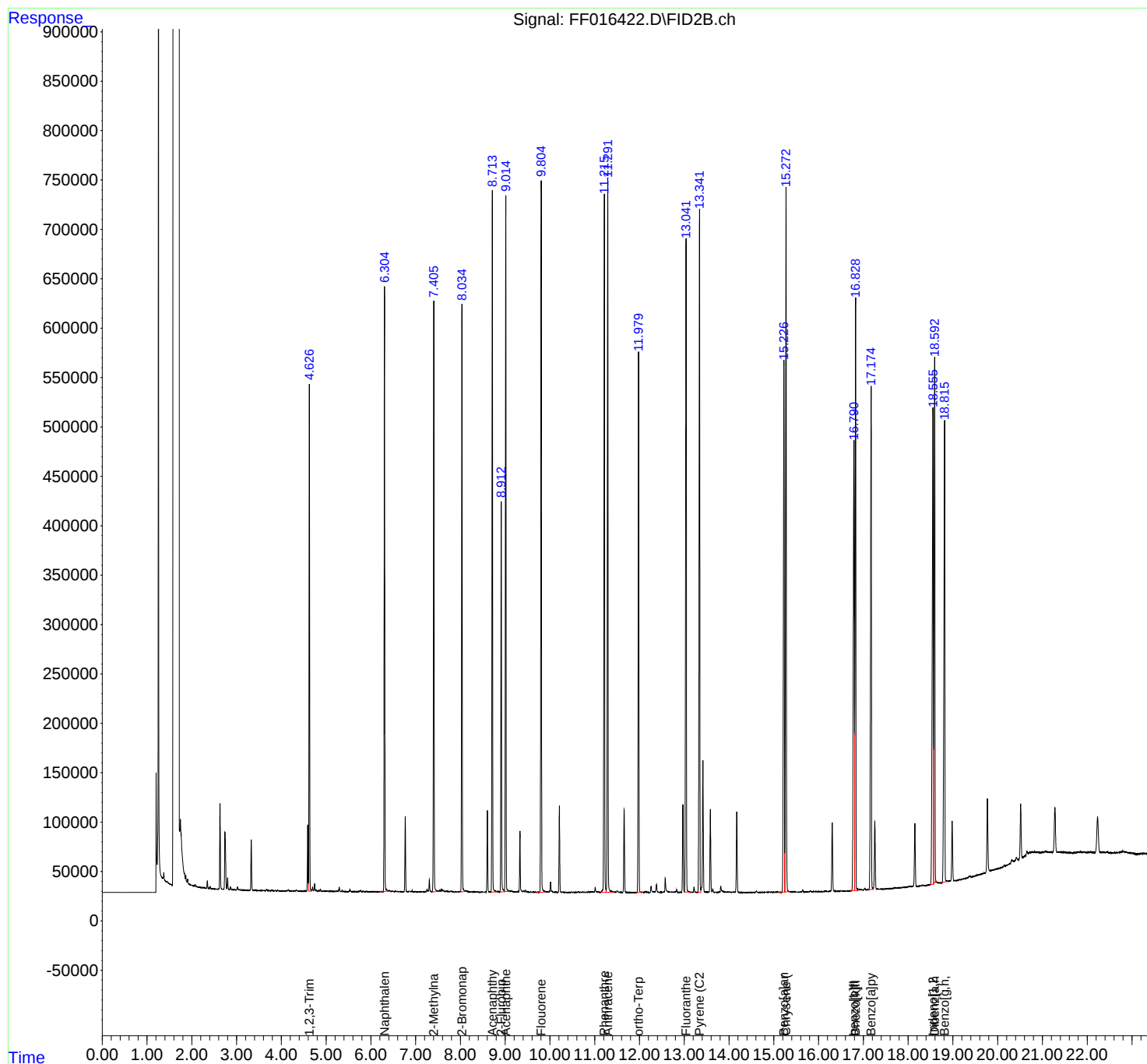
Instrument :
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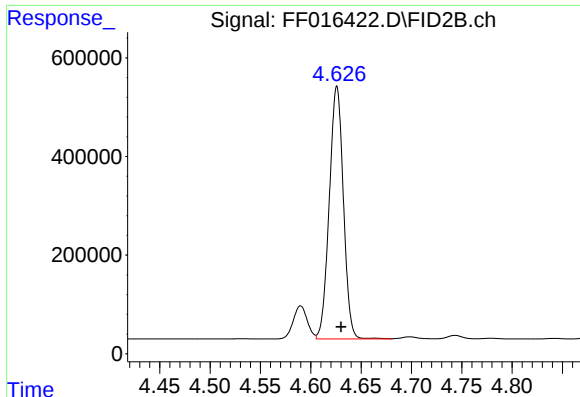
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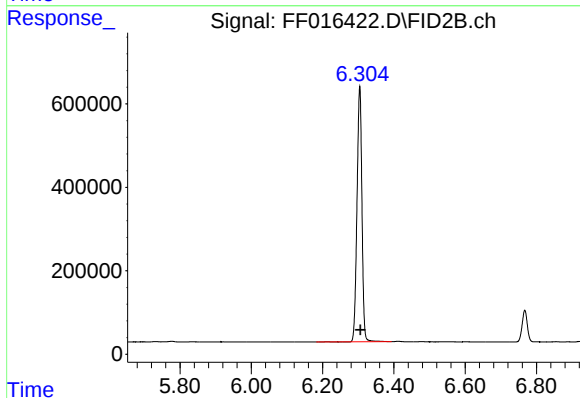
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 5001060
Conc: 38.59 ug/ml

Instrument :
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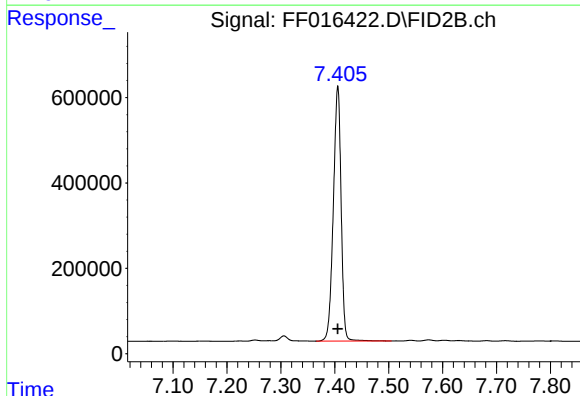
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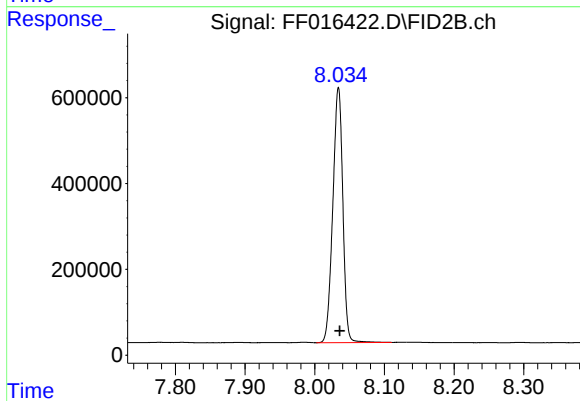
#2 Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 5890843
Conc: 43.06 ug/ml



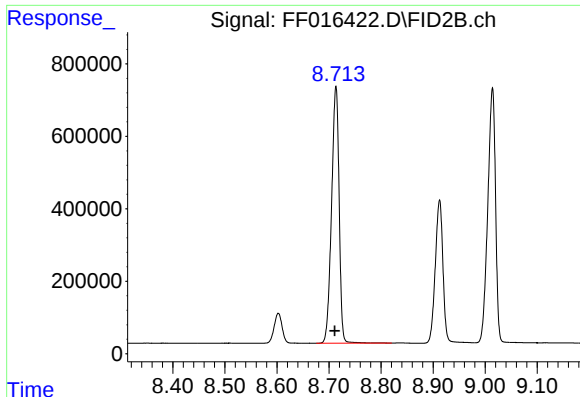
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 5998440
Conc: 42.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 5935498
Conc: 49.65 ug/ml



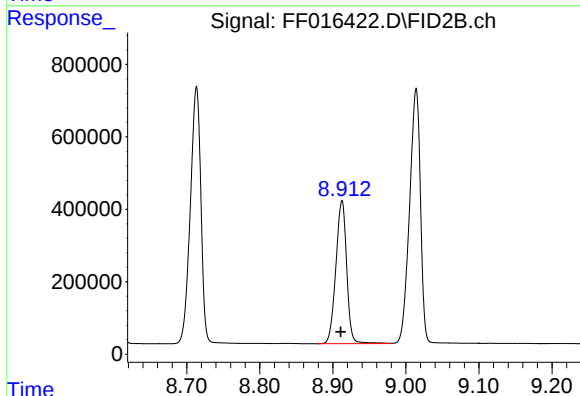
#5 Acenaphthylene (C15.06)

R.T.: 8.713 min
Delta R.T.: 0.002 min
Response: 7149255
Conc: 50.92 ug/ml

Instrument :
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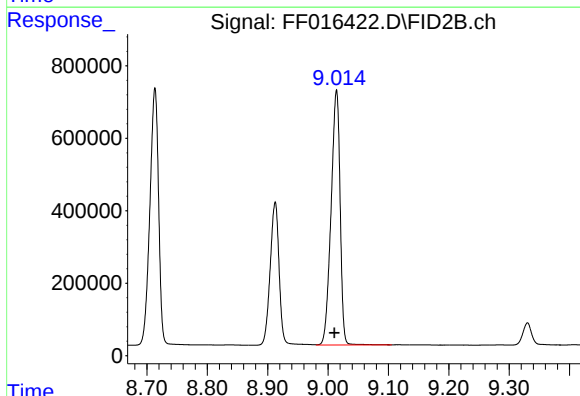
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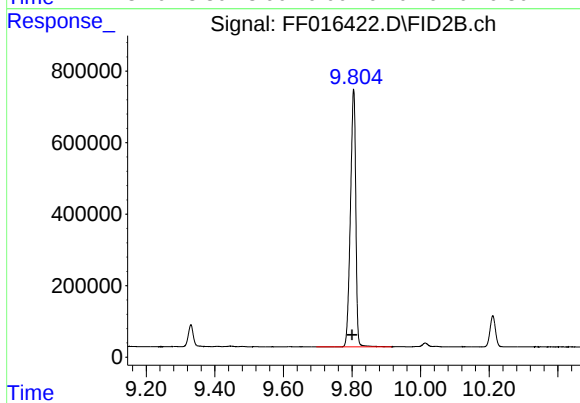
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.912 min
Delta R.T.: 0.002 min
Response: 4061825
Conc: 49.05 ug/ml



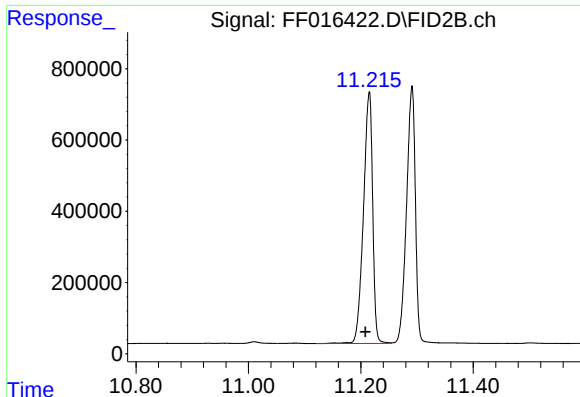
#7 Acenaphthene (C15.5)

R.T.: 9.014 min
Delta R.T.: 0.003 min
Response: 7311956
Conc: 52.17 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.805 min
Delta R.T.: 0.004 min
Response: 7789156
Conc: 55.74 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.215 min
Delta R.T.: 0.006 min
Response: 8043458
Conc: 57.04 ug/ml

Instrument :

FID_F

ClientSampleId :

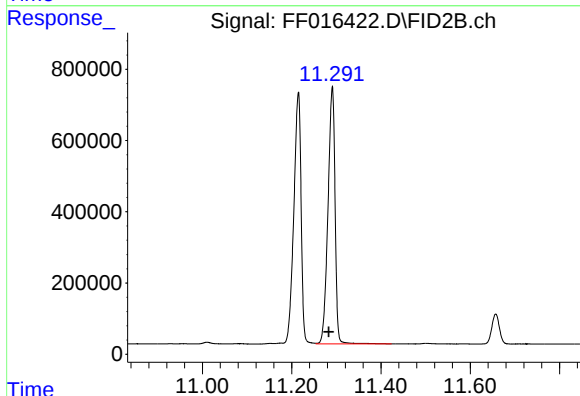
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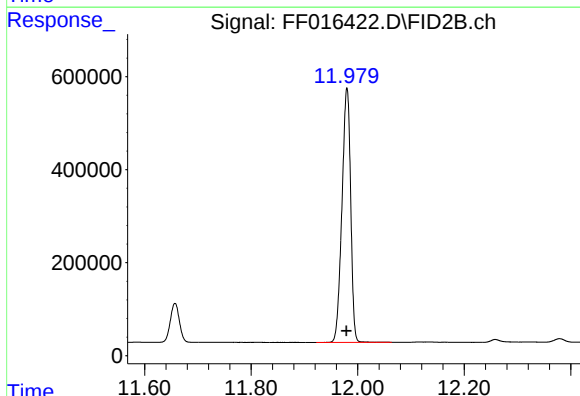
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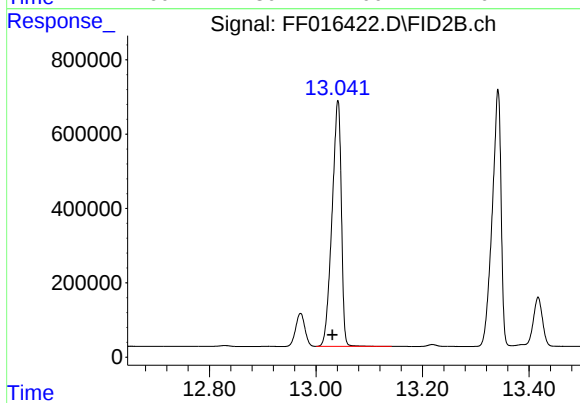
#10 Anthracene (C19.43)

R.T.: 11.291 min
Delta R.T.: 0.008 min
Response: 7966835
Conc: 57.62 ug/ml



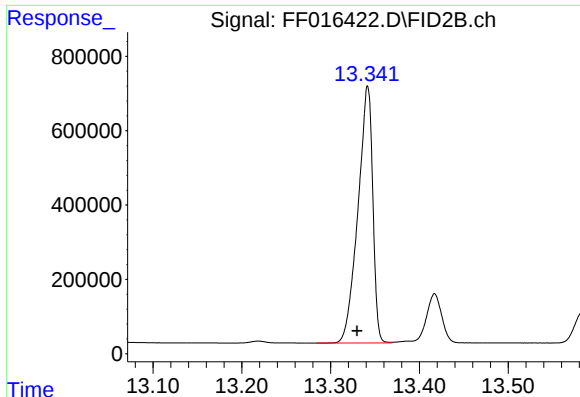
#11 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.001 min
Response: 6193041
Conc: 42.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.041 min
Delta R.T.: 0.010 min
Response: 8021657
Conc: 56.87 ug/ml



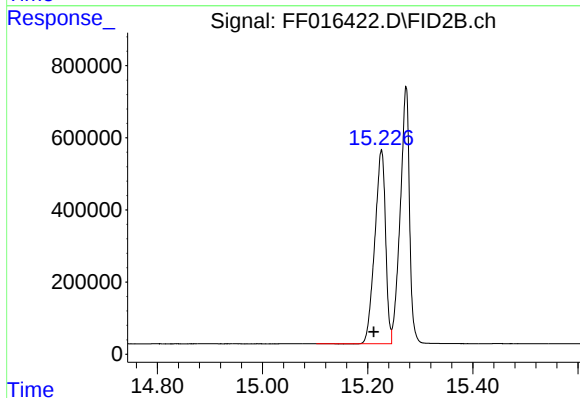
#13 Pyrene (C20.8)

R.T.: 13.341 min
Delta R.T.: 0.012 min
Response: 8012908
Conc: 57.25 ug/ml

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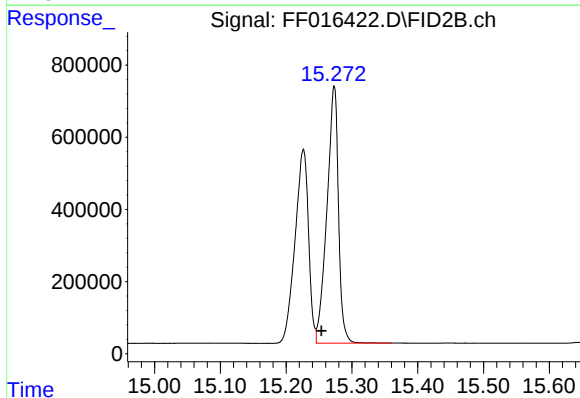
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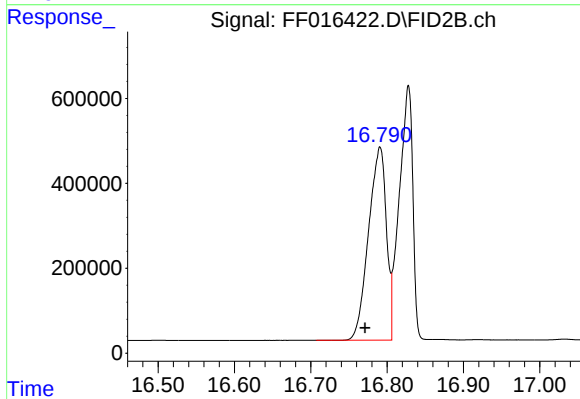
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.226 min
Delta R.T.: 0.014 min
Response: 7631465
Conc: 57.70 ug/ml



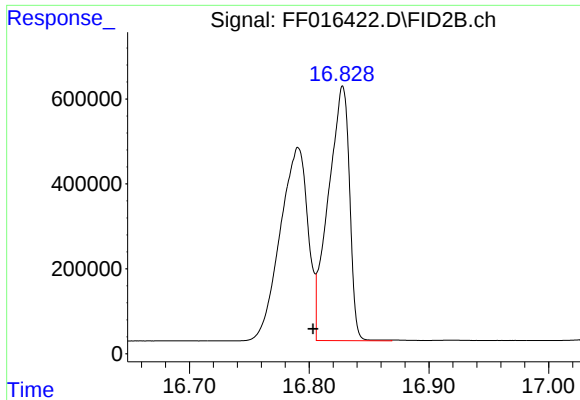
#15 Chrysene (C27.41)

R.T.: 15.273 min
Delta R.T.: 0.019 min
Response: 8705726
Conc: 63.87 ug/ml



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

R.T.: 16.790 min
Delta R.T.: 0.019 min
Response: 7369607
Conc: 56.55 ug/ml



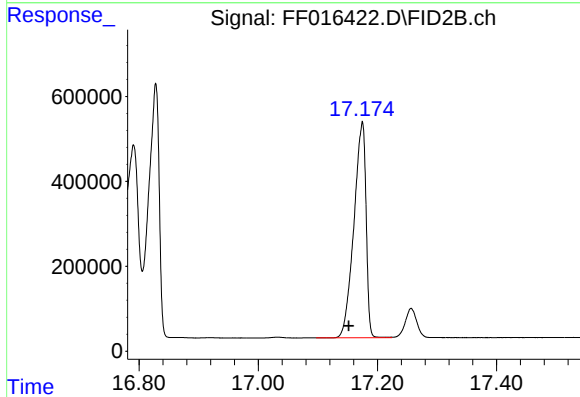
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.828 min
Delta R.T.: 0.024 min
Response: 7360853
Conc: 58.84 ug/ml

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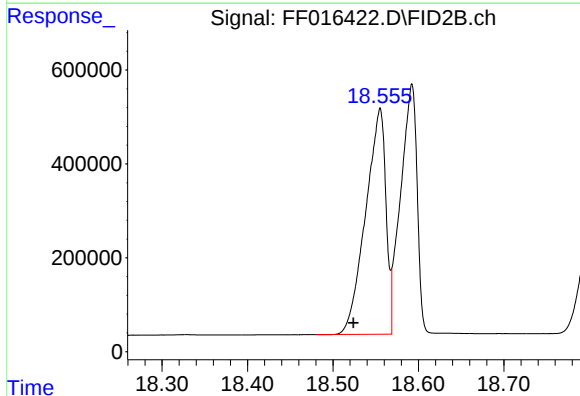
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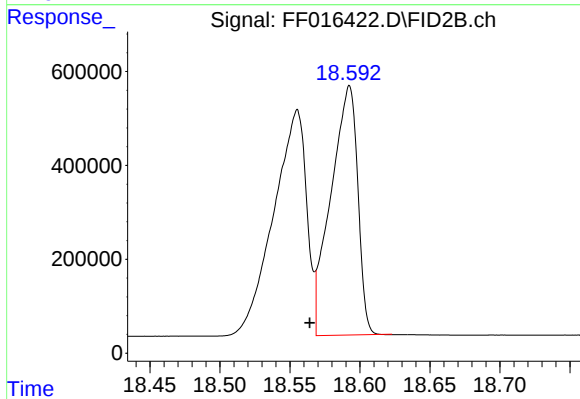
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.174 min
Delta R.T.: 0.022 min
Response: 7180526
Conc: 56.19 ug/ml



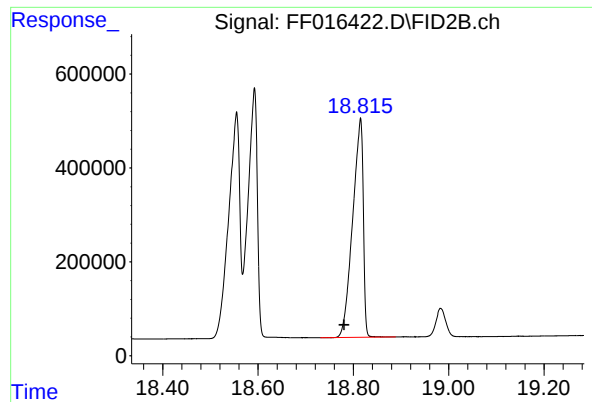
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.555 min
Delta R.T.: 0.030 min
Response: 7952758
Conc: 69.62 ug/ml



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

R.T.: 18.592 min
Delta R.T.: 0.028 min
Response: 7044696
Conc: 56.12 ug/ml m



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

R.T.: 18.814 min
Delta R.T.: 0.034 min
Response: 7152066
Conc: 58.00 ug/ml

Instrument :

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