

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016458.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 18:52
 Operator : YP\AJ
 Sample : Q3178-01MSD
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EME-TS14-01MSD

Manual Integrations
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Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Sep 26 02:46:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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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 Jodhani

Compound	R.T.	Response	Conc Units
-----09/26/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.033	4565141	36.443 ug/ml
Spiked Amount 50.000		Recovery =	72.89%
6) S 2-Fluorobiphenyl (SURR)	8.910	2414768	28.632 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.26%
11) S ortho-Terphenyl (SURR)	11.976	3047902	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.627	4676030	33.172 ug/ml
2) T Naphthalene (C11.7)	6.304	5598223	38.428 ug/ml
3) T 2-Methylnaphthalene (...)	7.405	5401199	36.688 ug/ml
5) T Acenaphthylene (C15.06)	8.712	6633871	45.777 ug/ml
7) T Acenaphthene (C15.5)	9.012	6267346	43.699 ug/ml
8) T Flouorene (C16.55)	9.803	6989838	48.385 ug/ml
9) T Phenanthrene (C19.36)	11.213	6923773	47.470 ug/ml
10) T Anthracene (C19.43)	11.289	6795354	47.497 ug/ml
12) T Fluoranthene (C21.85)	13.039	6853238	46.924 ug/ml
13) T Pyrene (C20.8)	13.339	6809797	47.520 ug/ml
14) T Benzo[a]anthracene (C...	15.224	6447355	47.365 ug/ml
15) T Chrysene (C27.41)	15.270	7450793	52.232 ug/ml
16) T benzo[b]fluoranthene ...	16.788	6137185	46.706 ug/ml
17) T Bnezo[k]fluoranthene ...	16.823	5956226	47.321 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.170	5970455	46.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.549	6685888	58.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.588	5863433	44.913 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.808	5693581	46.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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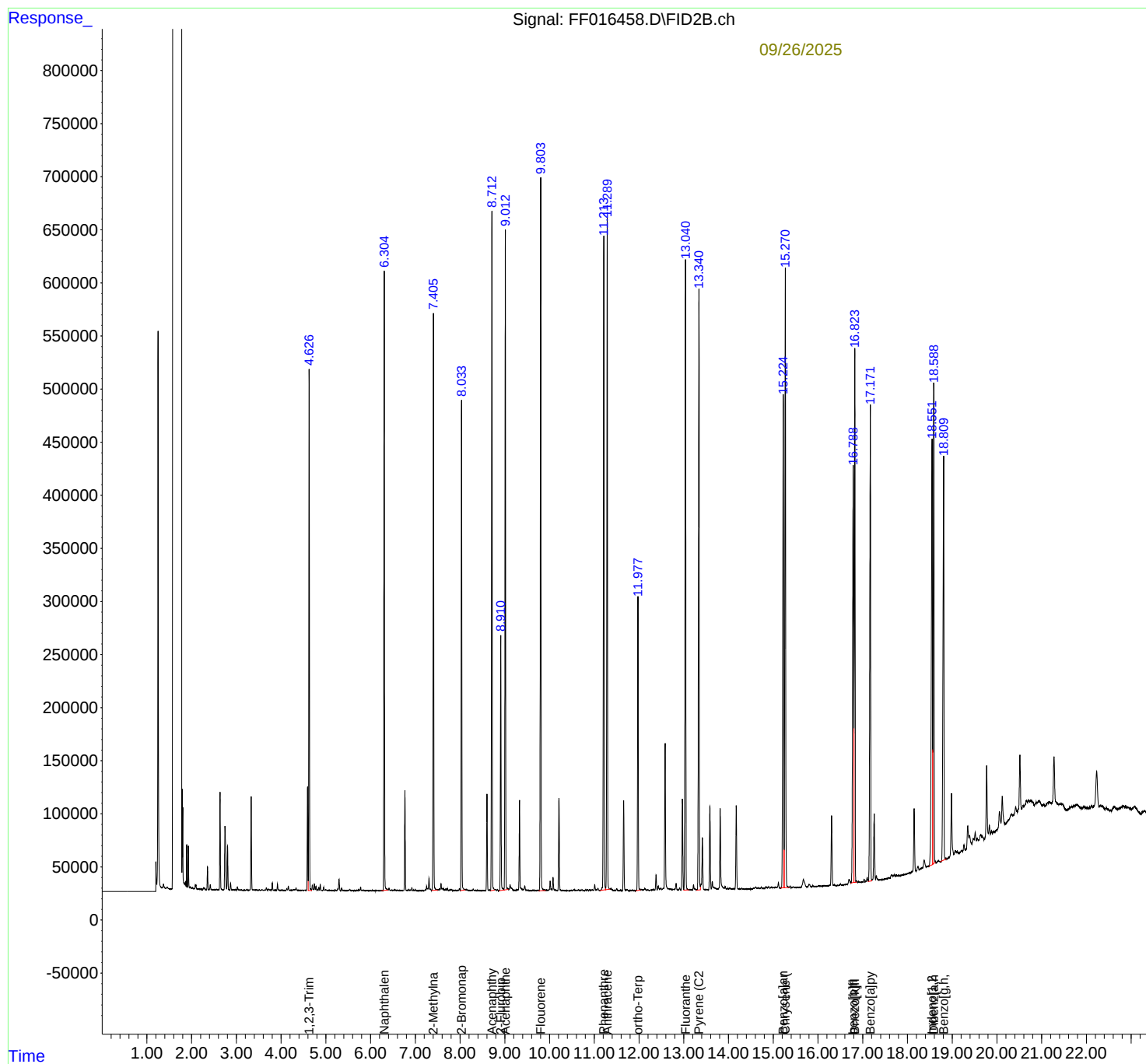
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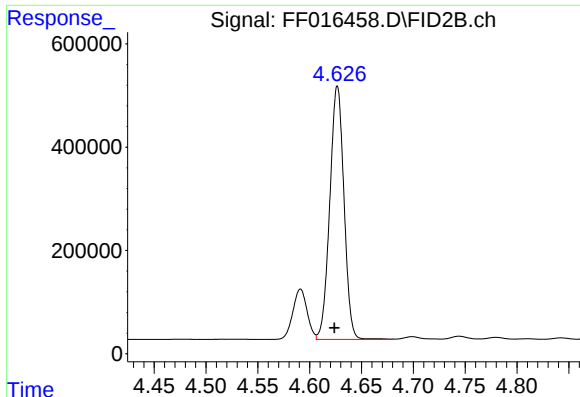
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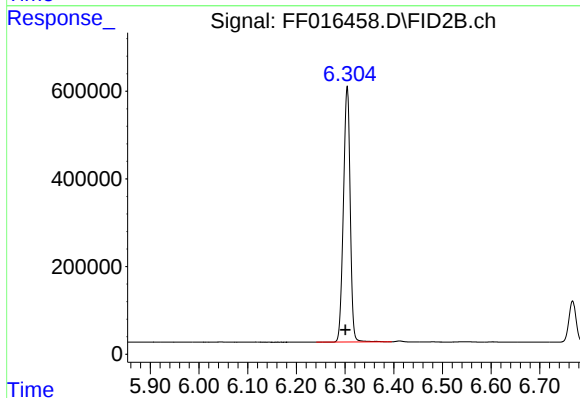
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.627 min
Delta R.T.: 0.003 min
Response: 4676030
Conc: 33.17 ug/ml

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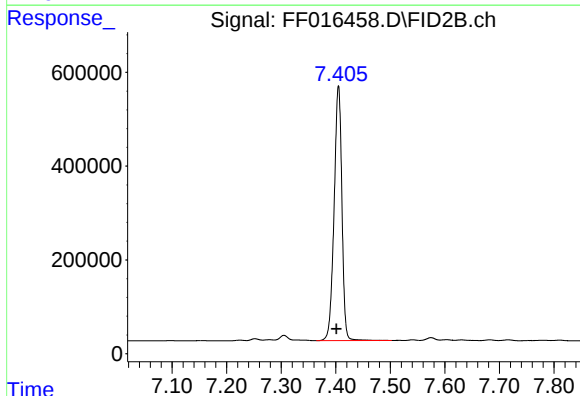


#2 Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.003 min
Response: 5598223
Conc: 38.43 ug/ml

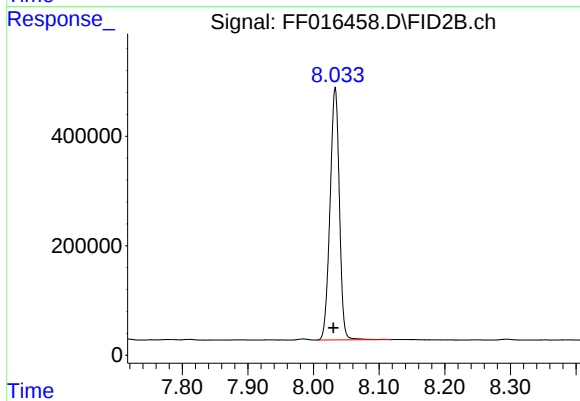
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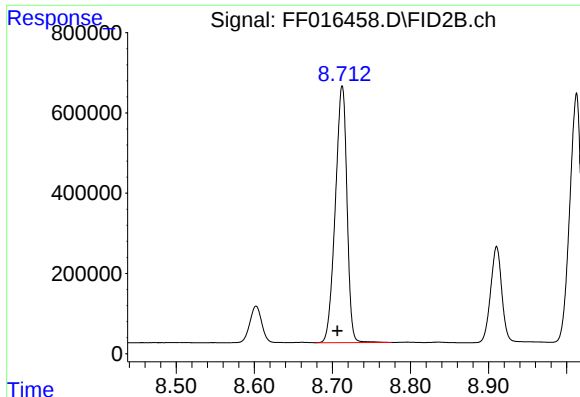
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.004 min
Response: 5401199
Conc: 36.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.033 min
Delta R.T.: 0.002 min
Response: 4565141
Conc: 36.44 ug/ml



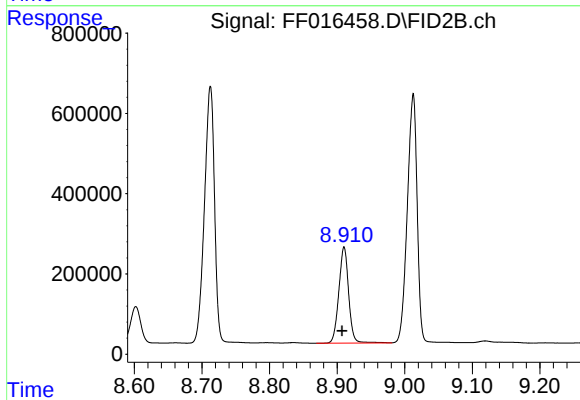
#5 Acenaphthylene (C15.06)

R.T.: 8.712 min
Delta R.T.: 0.006 min
Response: 6633871
Conc: 45.78 ug/ml

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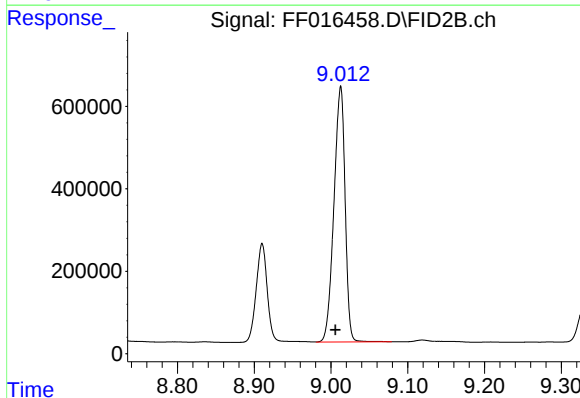


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.910 min
Delta R.T.: 0.003 min
Response: 2414768
Conc: 28.63 ug/ml

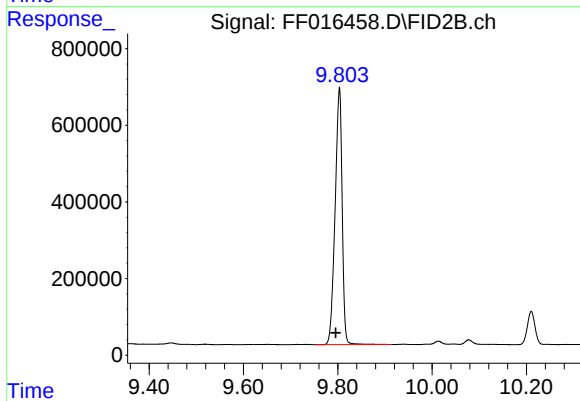
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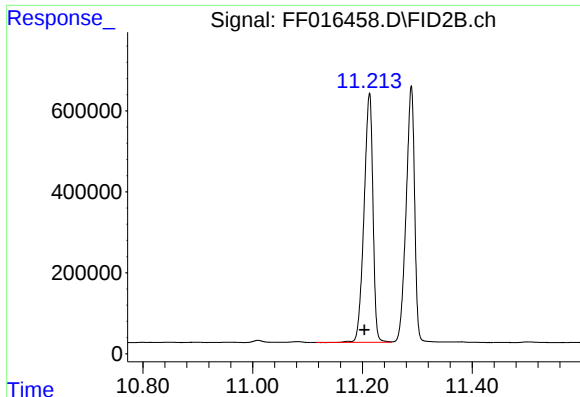
#7 Acenaphthene (C15.5)

R.T.: 9.012 min
Delta R.T.: 0.006 min
Response: 6267346
Conc: 43.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.803 min
Delta R.T.: 0.007 min
Response: 6989838
Conc: 48.39 ug/ml



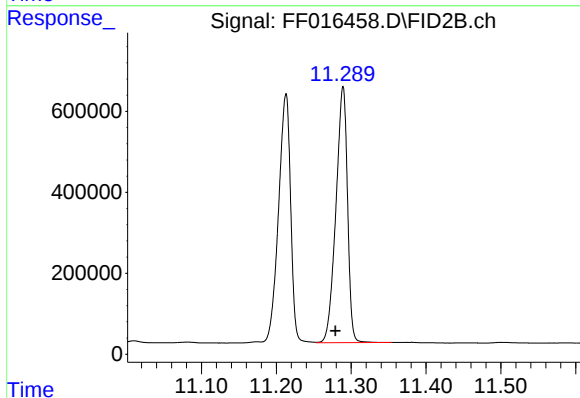
#9 Phenanthrene (C19.36)

R.T.: 11.213 min
Delta R.T.: 0.009 min
Response: 6923773
Conc: 47.47 ug/ml

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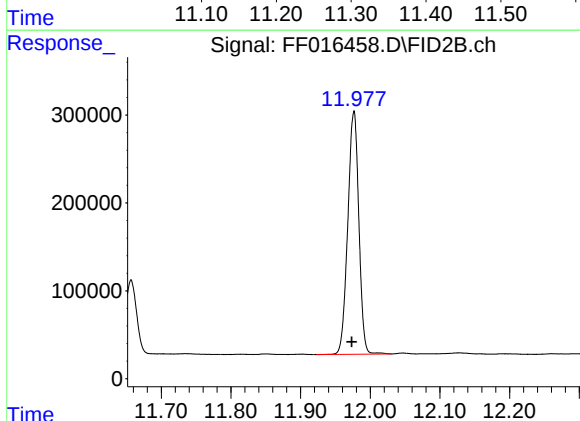


#10 Anthracene (C19.43)

R.T.: 11.289 min
Delta R.T.: 0.010 min
Response: 6795354
Conc: 47.50 ug/ml

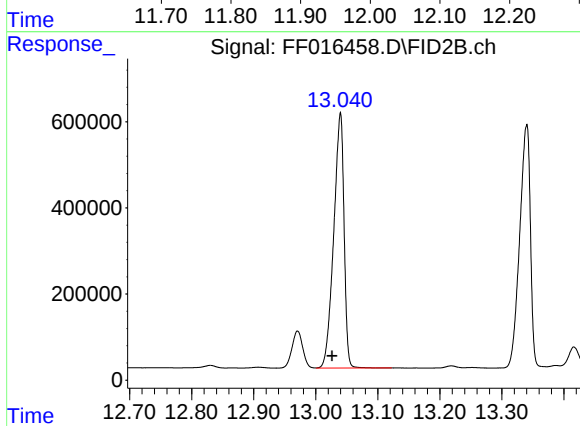
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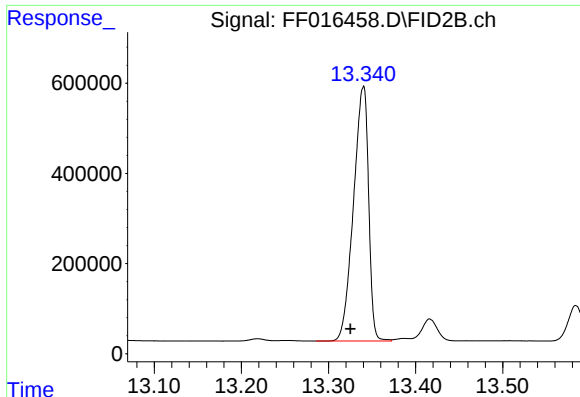
#11 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.003 min
Response: 3047902
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.039 min
Delta R.T.: 0.013 min
Response: 6853238
Conc: 46.92 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.339 min
Delta R.T.: 0.014 min
Response: 6809797
Conc: 47.52 ug/ml

Instrument :

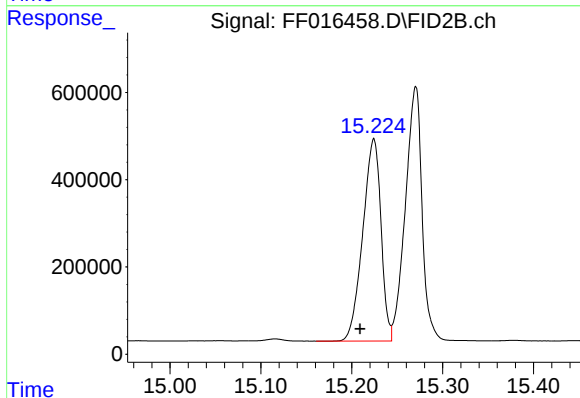
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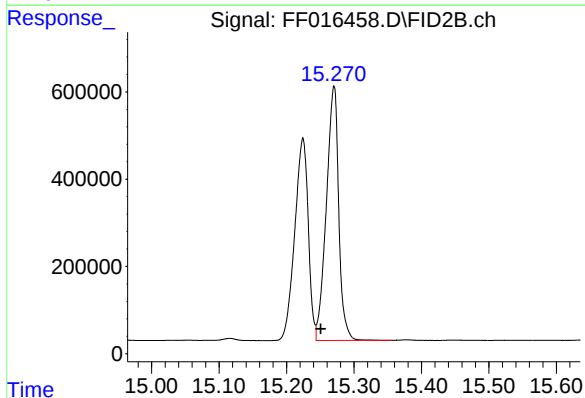


#14 Benzo[a]anthracene (C26.37)

R.T.: 15.224 min
Delta R.T.: 0.015 min
Response: 6447355
Conc: 47.36 ug/ml

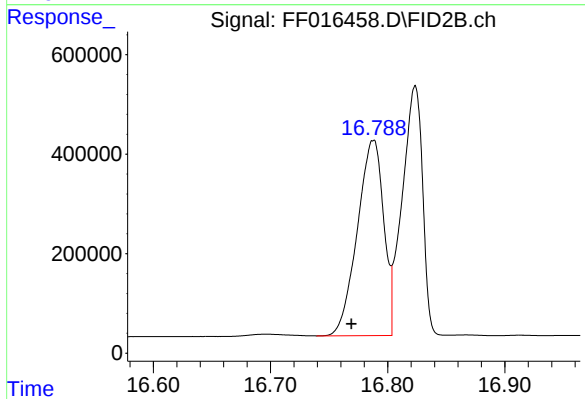
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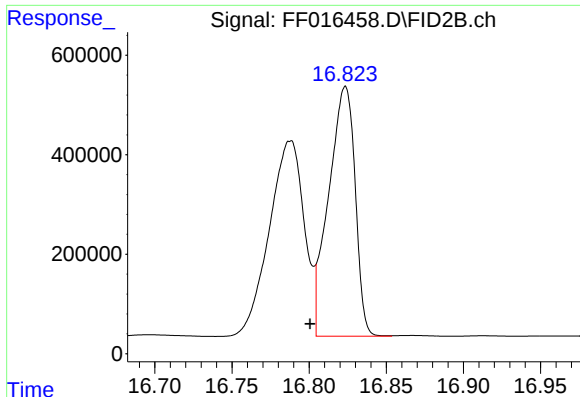
#15 Chrysene (C27.41)

R.T.: 15.270 min
Delta R.T.: 0.019 min
Response: 7450793
Conc: 52.23 ug/ml



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

R.T.: 16.788 min
Delta R.T.: 0.018 min
Response: 6137185
Conc: 46.71 ug/ml



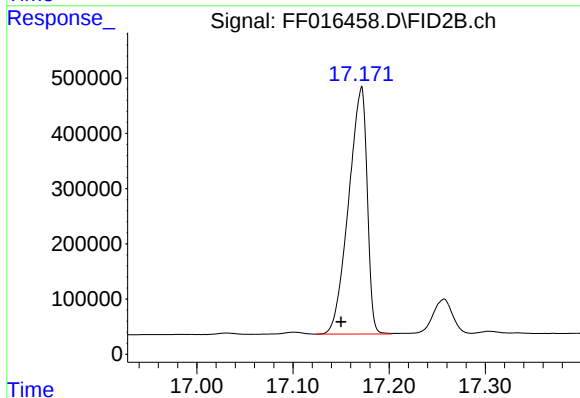
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.823 min
Delta R.T.: 0.023 min
Response: 5956226
Conc: 47.32 ug/ml

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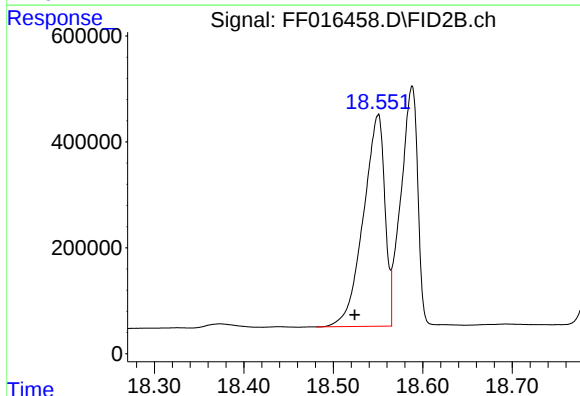


#18 Benzo[a]pyrene (C31.34)

R.T.: 17.170 min
Delta R.T.: 0.020 min
Response: 5970455
Conc: 46.76 ug/ml

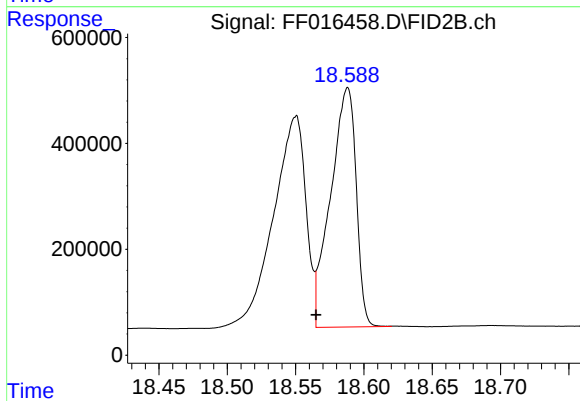
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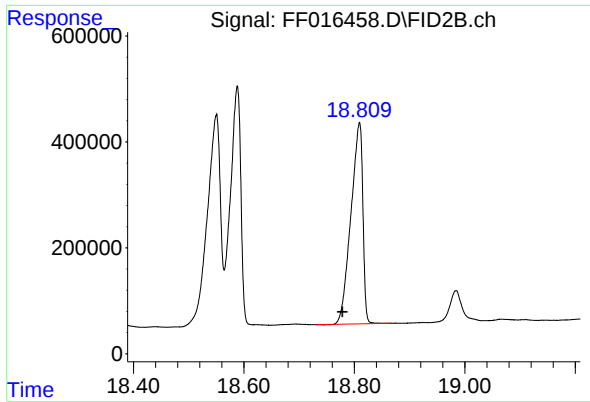
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.549 min
Delta R.T.: 0.025 min
Response: 6685888
Conc: 58.63 ug/ml



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

R.T.: 18.588 min
Delta R.T.: 0.023 min
Response: 5863433
Conc: 44.91 ug/ml m



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

R.T.: 18.808 min
Delta R.T.: 0.030 min
Response: 5693581
Conc: 46.24 ug/ml

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