

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016521.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 17:19
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:07:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 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...	8.023	596835	5.519 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
6) S 2-Fluorobiphenyl (SURR)	8.900	365634	5.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.05%
11) S ortho-Terphenyl (SURR)	11.965	800920	5.965 ug/ml
Spiked Amount 50.000		Recovery =	11.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	698509	5.797 ug/ml
2) T Naphthalene (C11.7)	6.294	679938	5.445 ug/ml
3) T 2-Methylnaphthalene (...)	7.393	687877	5.411 ug/mlm
5) T Acenaphthylene (C15.06)	8.698	717426	5.646 ug/ml
7) T Acenaphthene (C15.5)	8.997	693143	5.474 ug/ml
8) T Flouorene (C16.55)	9.788	649309	5.133 ug/ml
9) T Phenanthrene (C19.36)	11.195	707197	5.530 ug/ml
10) T Anthracene (C19.43)	11.270	753581	5.975 ug/ml
12) T Fluoranthene (C21.85)	13.018	764132	5.886 ug/ml
13) T Pyrene (C20.8)	13.317	750698	5.972 ug/ml
14) T Benzo[a]anthracene (C...	15.201	655277	5.471 ug/ml
15) T Chrysene (C27.41)	15.242	802415	6.206 ug/ml
16) T benzo[b]fluoranthene ...	16.761	661712	5.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.791	721711	6.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.144	672226	5.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	545149	5.572 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	843182	6.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	639162	5.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FF016521.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 17:19
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 45 Sample Multiplier: 1

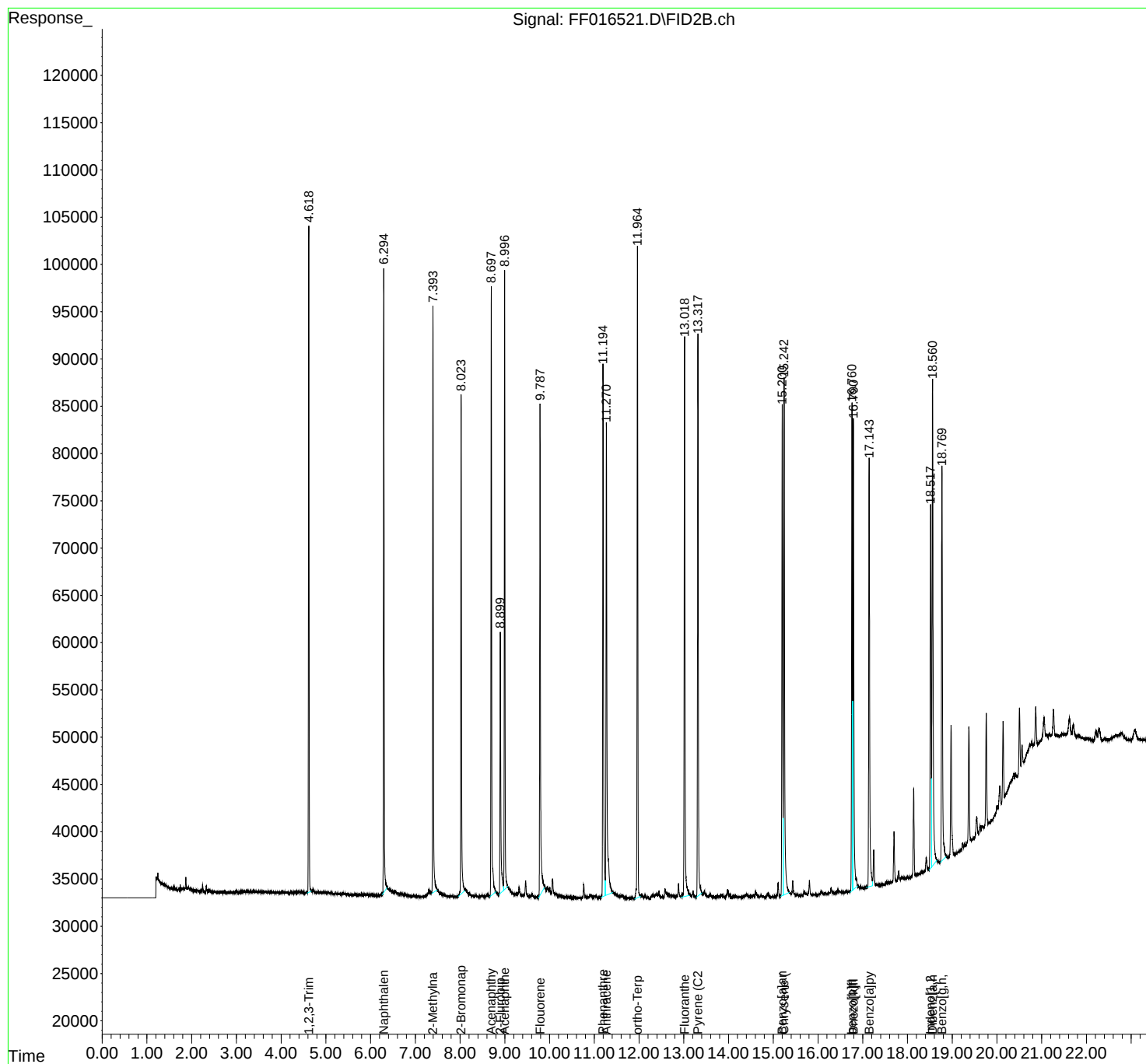
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

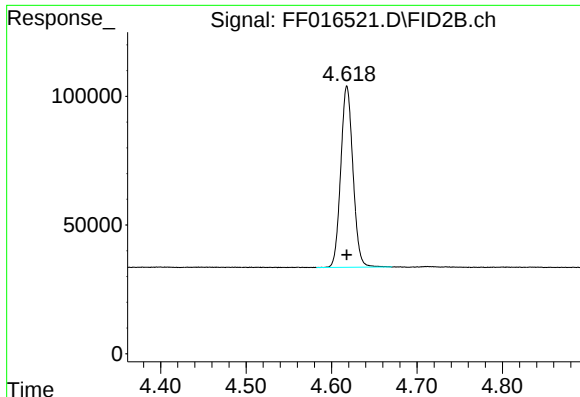
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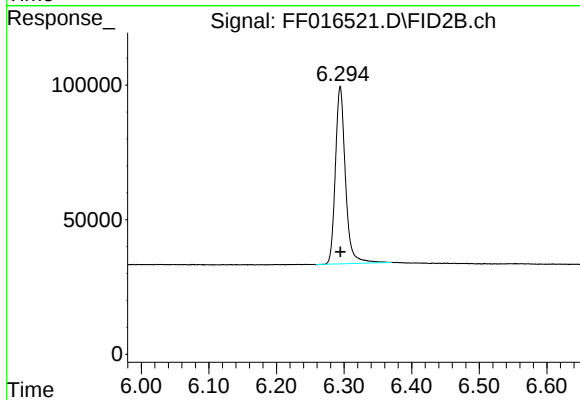
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 698509
Conc: 5.80 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

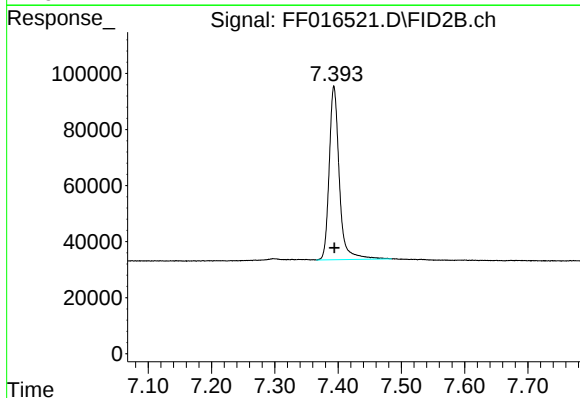
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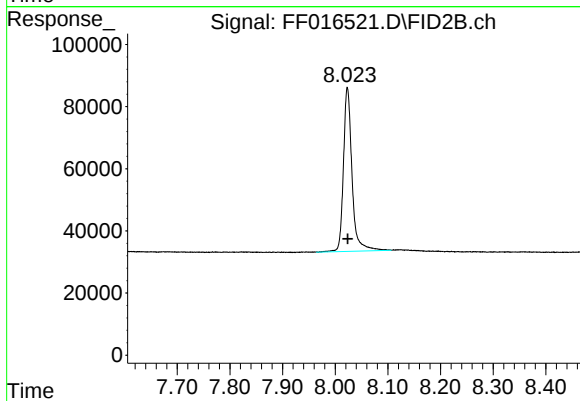
#2 Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 679938
Conc: 5.45 ug/ml



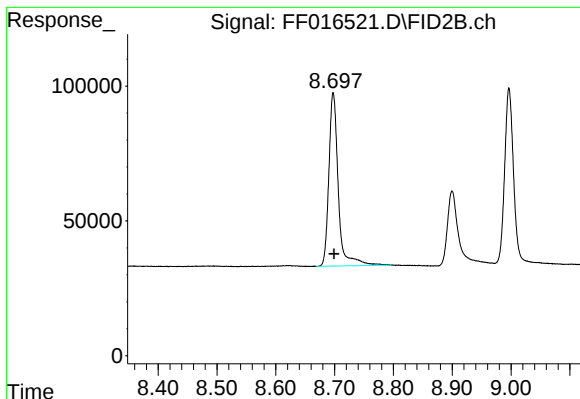
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 687877
Conc: 5.41 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 596835
Conc: 5.52 ug/ml



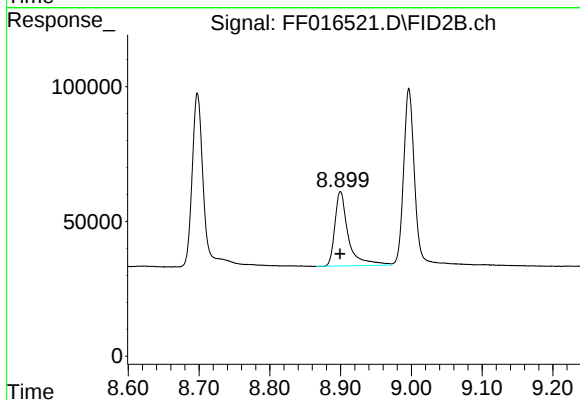
#5 Acenaphthylene (C15.06)

R.T.: 8.698 min
Delta R.T.: -0.001 min
Response: 717426
Conc: 5.65 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

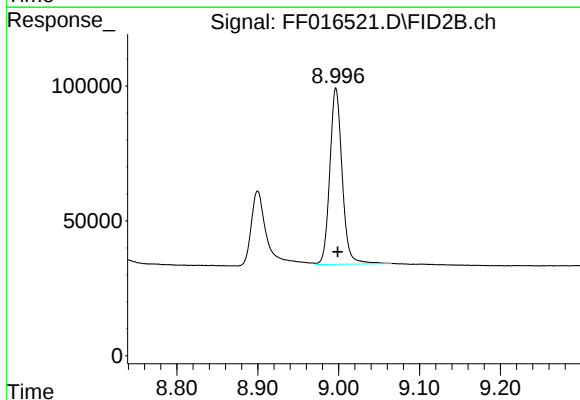
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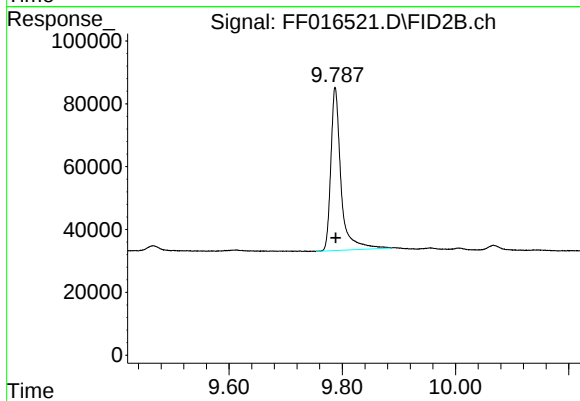
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.900 min
Delta R.T.: 0.000 min
Response: 365634
Conc: 5.03 ug/ml



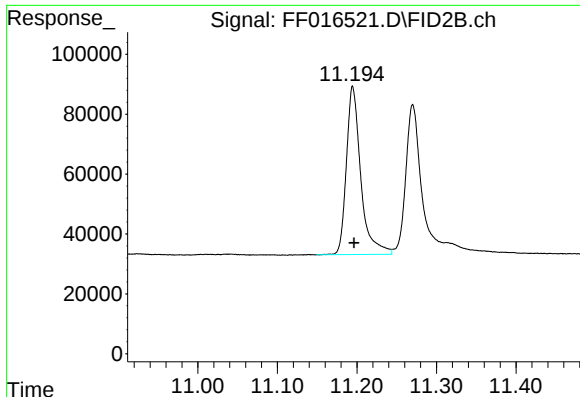
#7 Acenaphthene (C15.5)

R.T.: 8.997 min
Delta R.T.: -0.002 min
Response: 693143
Conc: 5.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 649309
Conc: 5.13 ug/ml



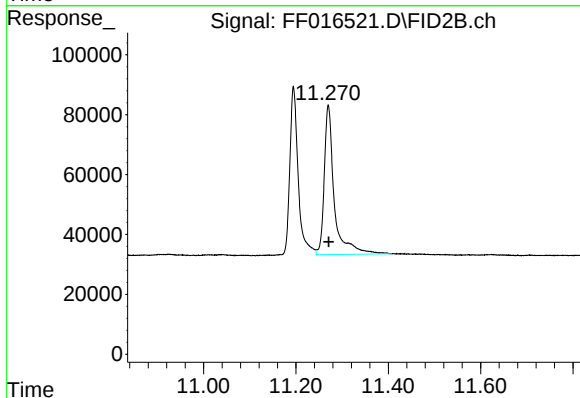
#9 Phenanthrene (C19.36)

R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 707197
Conc: 5.53 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

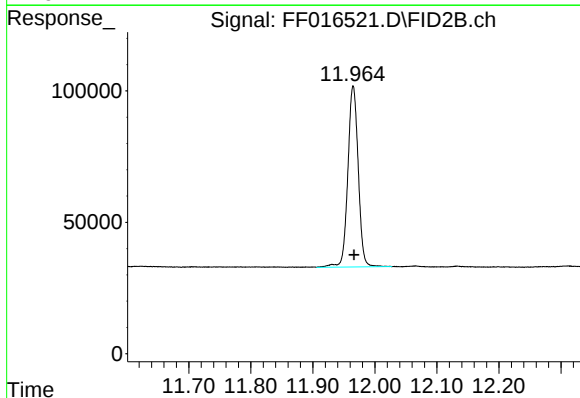
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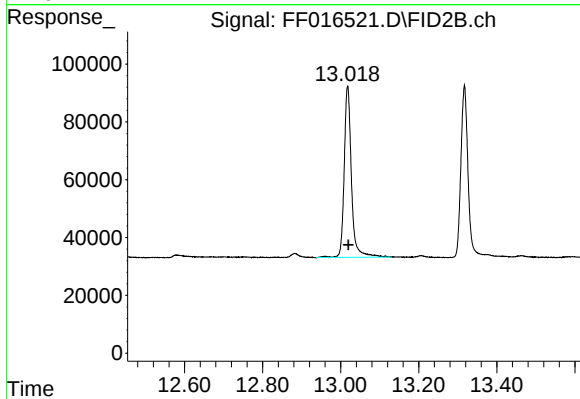
#10 Anthracene (C19.43)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 753581
Conc: 5.97 ug/ml



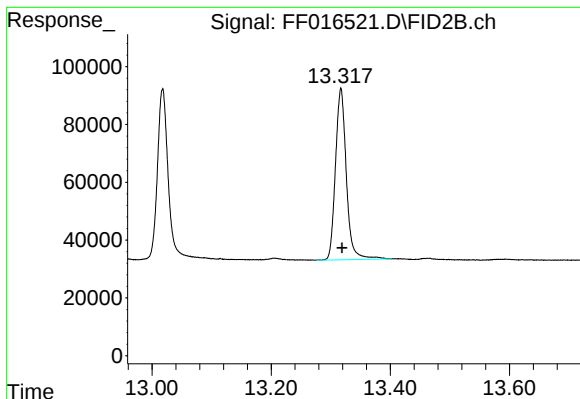
#11 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.001 min
Response: 800920
Conc: 5.97 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.018 min
Delta R.T.: -0.002 min
Response: 764132
Conc: 5.89 ug/ml



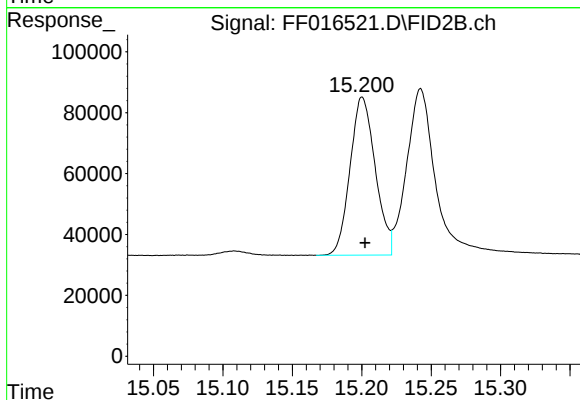
#13 Pyrene (C20.8)

R.T.: 13.317 min
Delta R.T.: -0.002 min
Response: 750698
Conc: 5.97 ug/ml

Instrument : FID_F
ClientSampleId : 5 PPM AROMATIC HC STD5

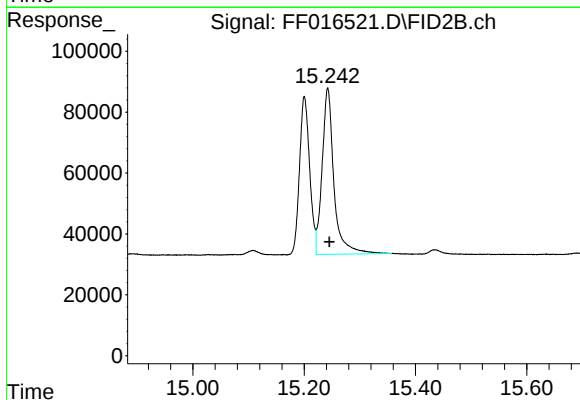
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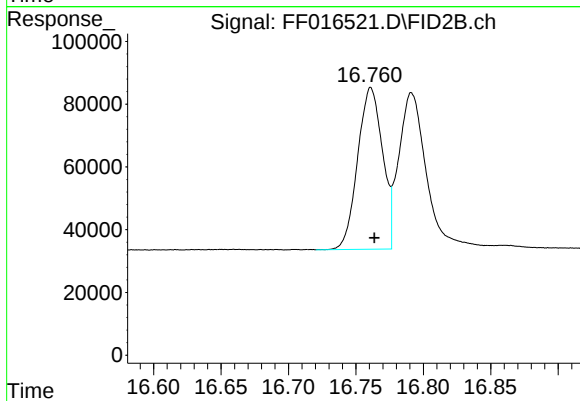
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.201 min
Delta R.T.: -0.002 min
Response: 655277
Conc: 5.47 ug/ml



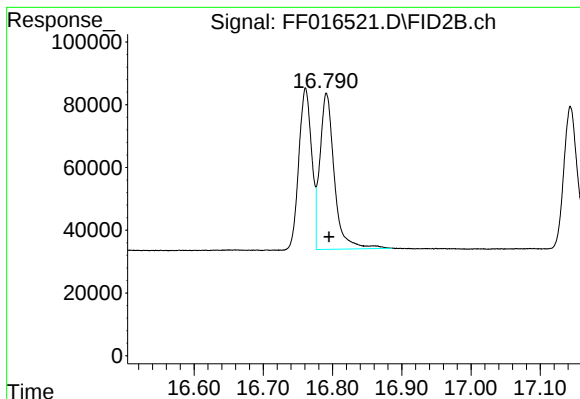
#15 Chrysene (C27.41)

R.T.: 15.242 min
Delta R.T.: -0.003 min
Response: 802415
Conc: 6.21 ug/ml



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

R.T.: 16.761 min
Delta R.T.: -0.003 min
Response: 661712
Conc: 5.65 ug/ml



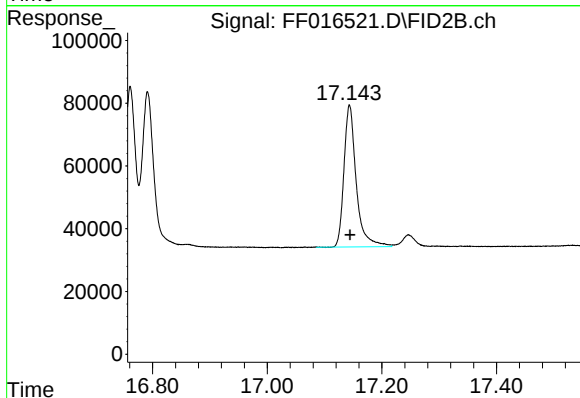
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.791 min
Delta R.T.: -0.004 min
Response: 721711
Conc: 6.20 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

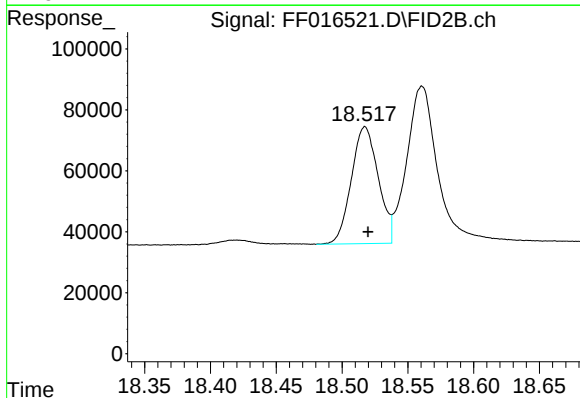
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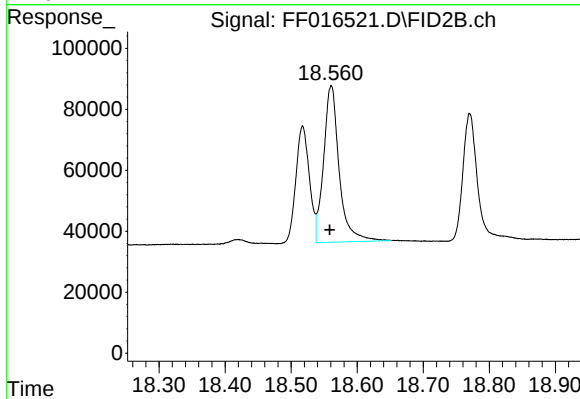
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.144 min
Delta R.T.: -0.001 min
Response: 672226
Conc: 5.86 ug/ml



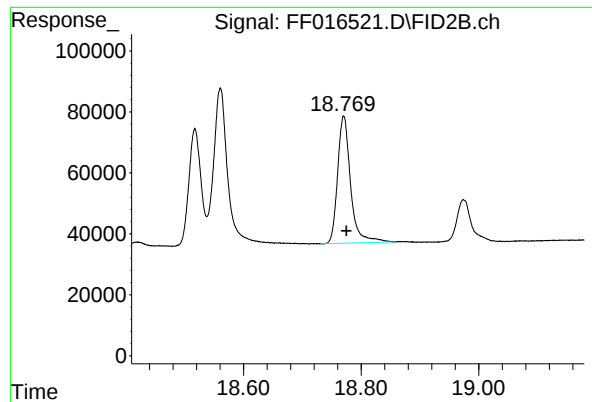
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.517 min
Delta R.T.: -0.002 min
Response: 545149
Conc: 5.57 ug/ml



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

R.T.: 18.561 min
Delta R.T.: 0.002 min
Response: 843182
Conc: 6.92 ug/ml



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

R.T.: 18.770 min
Delta R.T.: -0.005 min
Response: 639162
Conc: 5.93 ug/ml

Instrument :

FID_F

ClientSampleId :

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