

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025AR\
 Data File : FF016756.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 13:13
 Operator : YP\AJ
 Sample : 20PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 23:08:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.003	2319461	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
6) S 2-Fluorobiphenyl (SURR)	8.879	1470357	20.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.23%
11) S ortho-Terphenyl (SURR)	11.946	2893318	19.702 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	2761259	20.977 ug/ml
2) T Naphthalene (C11.7)	6.271	2757576	20.845 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2745339	20.652 ug/ml
5) T Acenaphthylene (C15.06)	8.677	2728198	20.193 ug/ml
7) T Acenaphthene (C15.5)	8.977	2832599	20.607 ug/ml
8) T Flouorene (C16.55)	9.768	2683313	20.611 ug/ml
9) T Phenanthrene (C19.36)	11.176	2626501	19.863 ug/ml
10) T Anthracene (C19.43)	11.252	2545163	18.782 ug/ml
12) T Fluoranthene (C21.85)	13.001	2626958	19.142 ug/ml
13) T Pyrene (C20.8)	13.299	2629481	19.187 ug/ml
14) T Benzo[a]anthracene (C...	15.185	2227375	19.557 ug/ml
15) T Chrysene (C27.41)	15.227	2656716	18.826 ug/ml
16) T benzo[b]fluoranthene ...	16.748	2347218	21.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.780	2434877	19.934 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	2337724	21.300 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.508	2081180	24.185 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	2848190	21.627 ug/ml
21) T Benzo[g,h,i]perylene ...	18.763	2551375	24.076 ug/ml

(f)=RT Delta > 1/2 Window

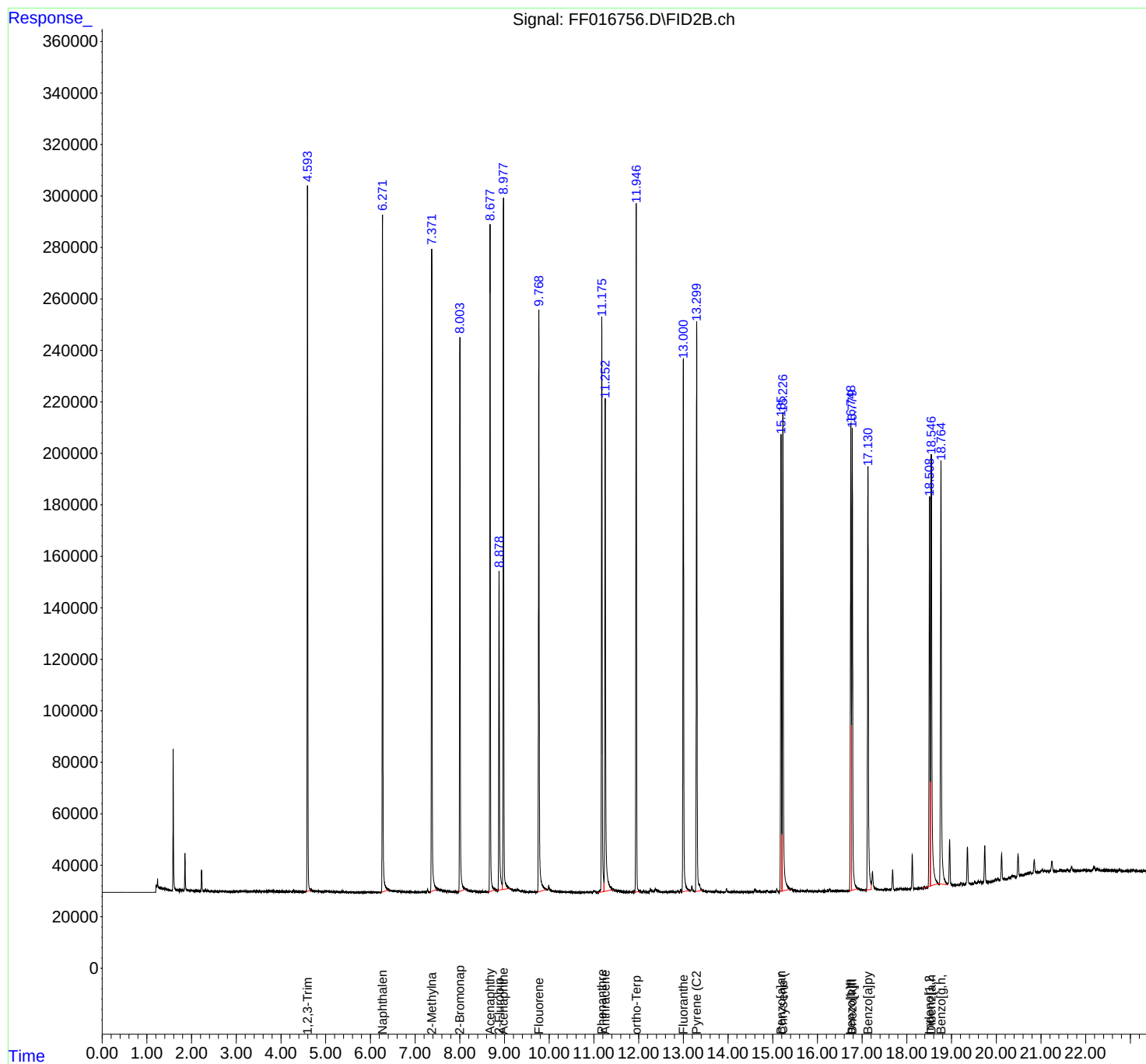
(m)=manual int.

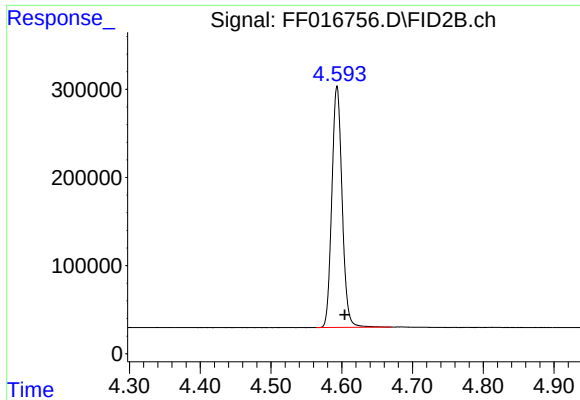
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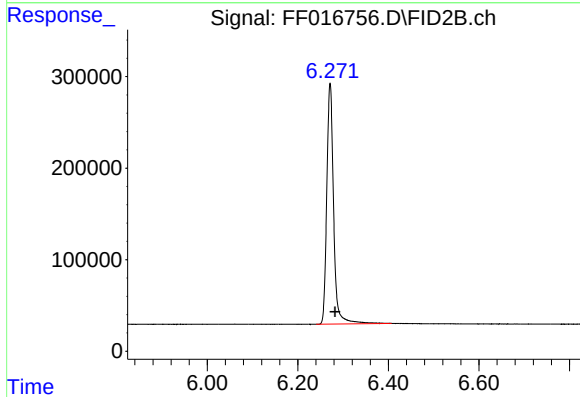




#1 1,2,3-Trimethylbenzene (C10.1)

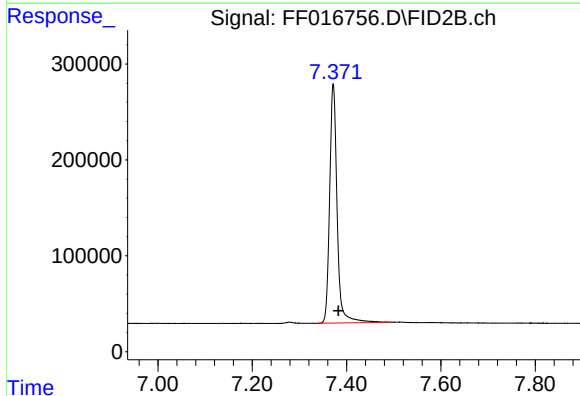
R.T.: 4.593 min
Delta R.T.: -0.011 min
Response: 2761259
Conc: 20.98 ug/ml

Instrument :
FID_E
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20 PPM AROMATIC HC STD



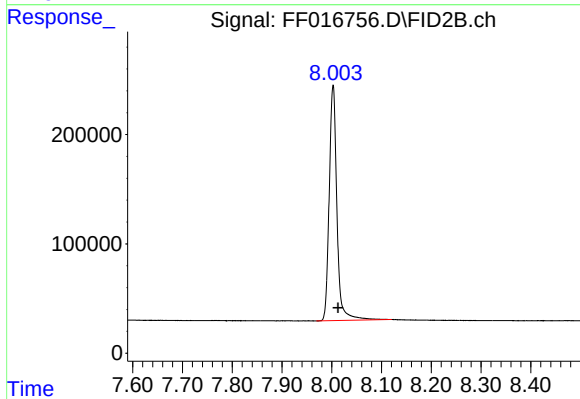
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.011 min
Response: 2757576
Conc: 20.84 ug/ml



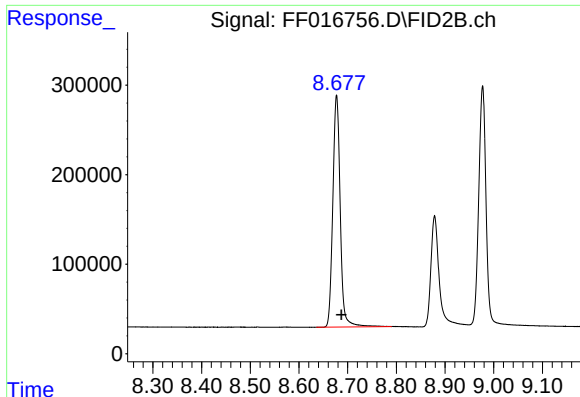
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.011 min
Response: 2745339
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

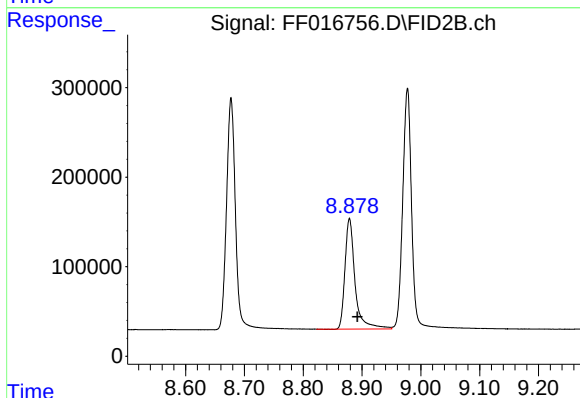
R.T.: 8.003 min
Delta R.T.: -0.010 min
Response: 2319461
Conc: 20.47 ug/ml



#5 Acenaphthylene (C15.06)

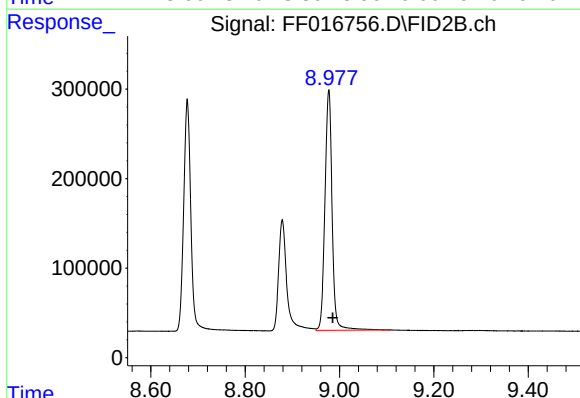
R.T.: 8.677 min
Delta R.T.: -0.010 min
Response: 2728198
Conc: 20.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



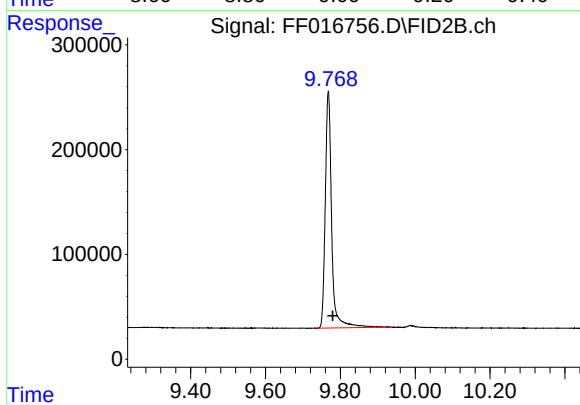
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: -0.014 min
Response: 1470357
Conc: 20.62 ug/ml



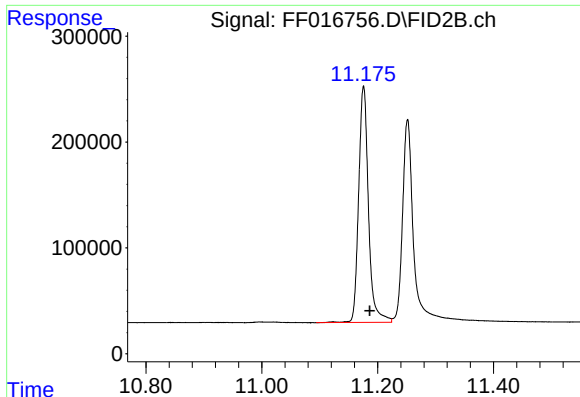
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: -0.009 min
Response: 2832599
Conc: 20.61 ug/ml



#8 Flouorene (C16.55)

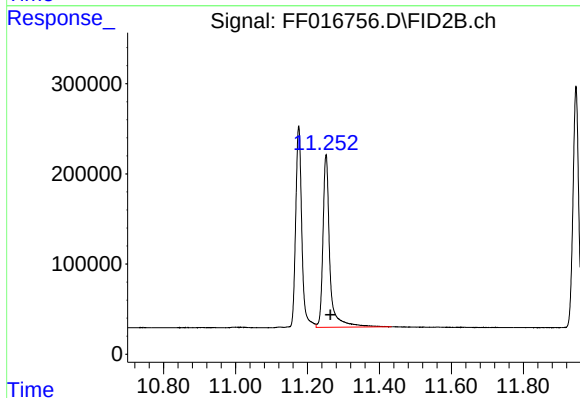
R.T.: 9.768 min
Delta R.T.: -0.011 min
Response: 2683313
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

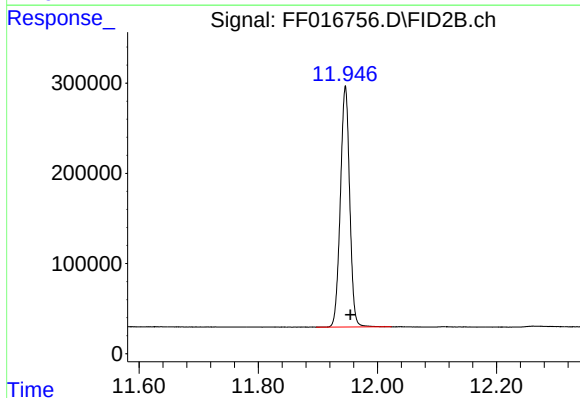
R.T.: 11.176 min
Delta R.T.: -0.011 min
Response: 2626501
Conc: 19.86 ug/ml

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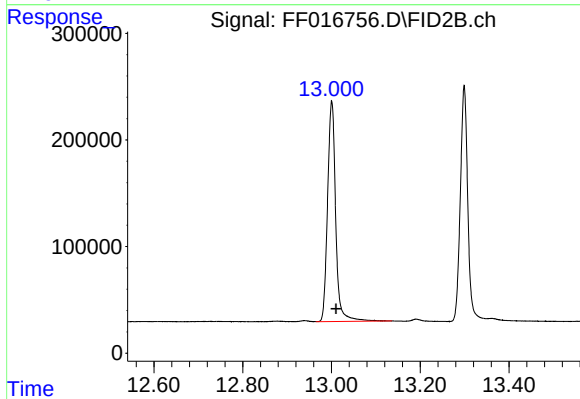
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: -0.012 min
Response: 2545163
Conc: 18.78 ug/ml



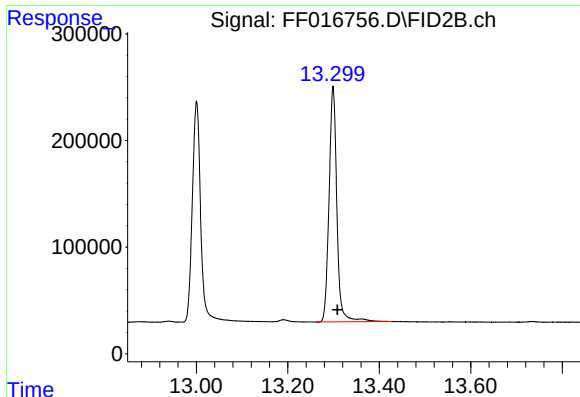
#11 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.009 min
Response: 2893318
Conc: 19.70 ug/ml



#12 Fluoranthene (C21.85)

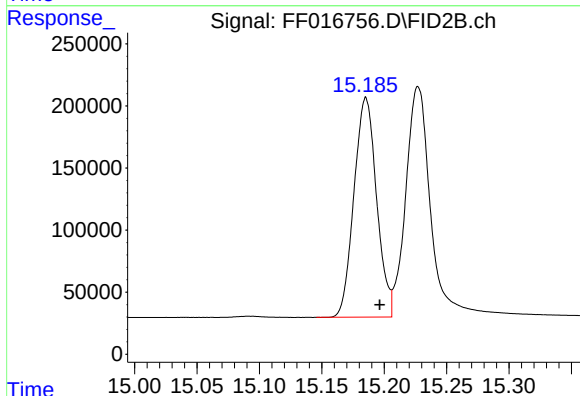
R.T.: 13.001 min
Delta R.T.: -0.010 min
Response: 2626958
Conc: 19.14 ug/ml



#13 Pyrene (C20.8)

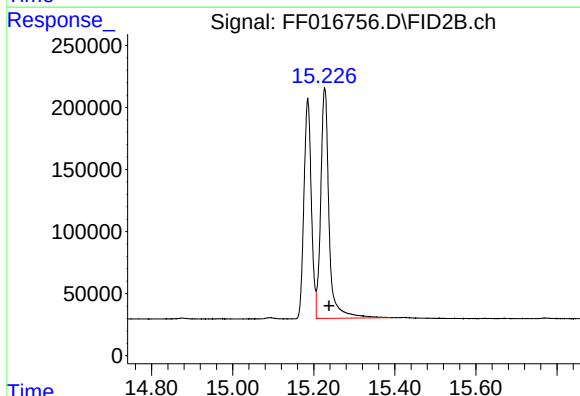
R.T.: 13.299 min
Delta R.T.: -0.010 min
Response: 2629481
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM AROMATIC HC STD



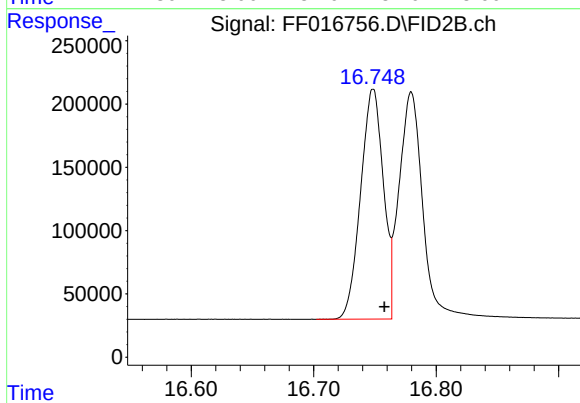
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.185 min
Delta R.T.: -0.011 min
Response: 2227375
Conc: 19.56 ug/ml



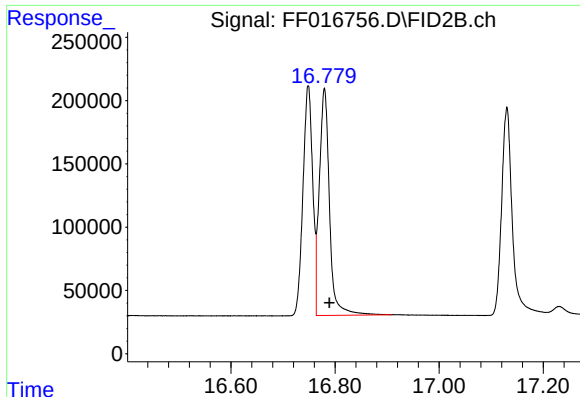
#15 Chrysene (C27.41)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 2656716
Conc: 18.83 ug/ml



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

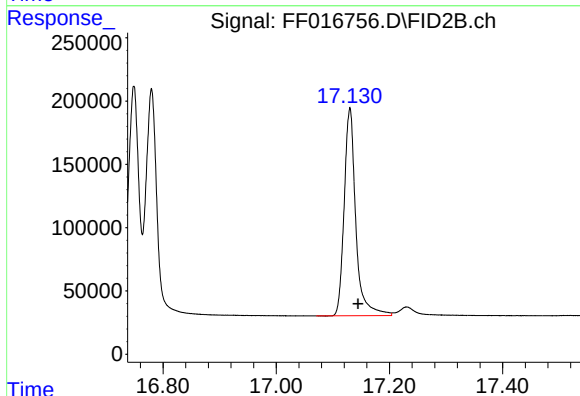
R.T.: 16.748 min
Delta R.T.: -0.009 min
Response: 2347218
Conc: 21.12 ug/ml



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

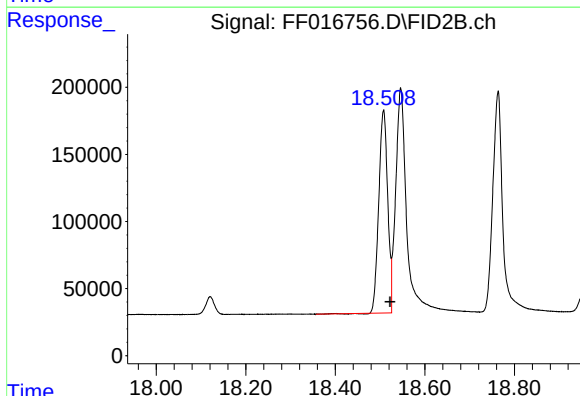
R.T.: 16.780 min
Delta R.T.: -0.010 min
Response: 2434877
Conc: 19.93 ug/ml

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20 PPM AROMATIC HC STD



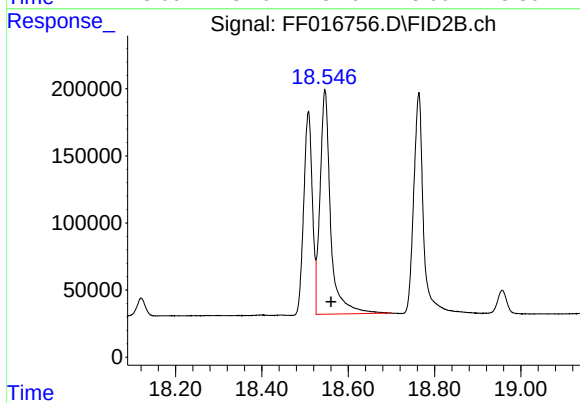
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.130 min
Delta R.T.: -0.015 min
Response: 2337724
Conc: 21.30 ug/ml



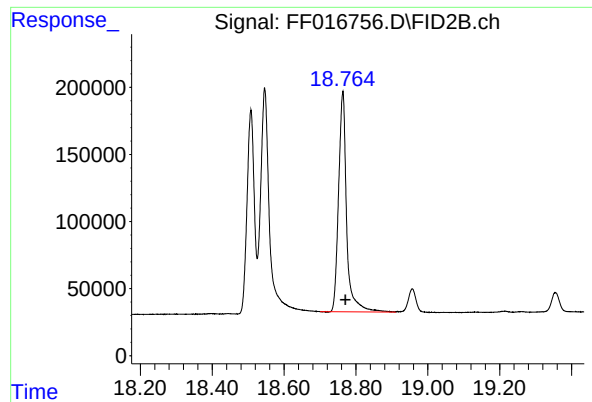
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.508 min
Delta R.T.: -0.015 min
Response: 2081180
Conc: 24.19 ug/ml



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

R.T.: 18.546 min
Delta R.T.: -0.014 min
Response: 2848190
Conc: 21.63 ug/ml



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

R.T.: 18.763 min
Delta R.T.: -0.008 min
Response: 2551375
Conc: 24.08 ug/ml

Instrument :

FID_E

ClientSampleId :

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