

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111825AR\
 Data File : FF016734.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2025 15:08
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Integration File: autoint1.e
 Quant Time: Nov 19 00:25:45 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...	7.998	2094557	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
6) S 2-Fluorobiphenyl (SURR)	8.875	1348664	18.910 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.82%
11) S ortho-Terphenyl (SURR)	11.943	2644198	18.006 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.587	2505048	19.030 ug/ml
2) T Naphthalene (C11.7)	6.266	2515279	19.013 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	2499317	18.801 ug/ml
5) T Acenaphthylene (C15.06)	8.674	2482500	18.375 ug/ml
7) T Acenaphthene (C15.5)	8.973	2585737	18.811 ug/ml
8) T Flouorene (C16.55)	9.764	2430516	18.669 ug/ml
9) T Phenanthrene (C19.36)	11.173	2420563	18.306 ug/ml
10) T Anthracene (C19.43)	11.248	2362194	17.432 ug/ml
12) T Fluoranthene (C21.85)	12.998	2405355	17.527 ug/ml
13) T Pyrene (C20.8)	13.297	2291932	16.724 ug/ml
14) T Benzo[a]anthracene (C...	15.185	2076903	18.236 ug/ml
15) T Chrysene (C27.41)	15.227	2452234	17.377 ug/ml
16) T benzo[b]fluoranthene ...	16.750	2192015	19.724 ug/ml
17) T Bnezo[k]fluoranthene ...	16.781	2259383	18.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.131	2226824	20.290 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.509	2042573	23.737 ug/mlm
20) T Dibenz[a,h]anthracene...	18.547	2576992	19.568 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	2447751	23.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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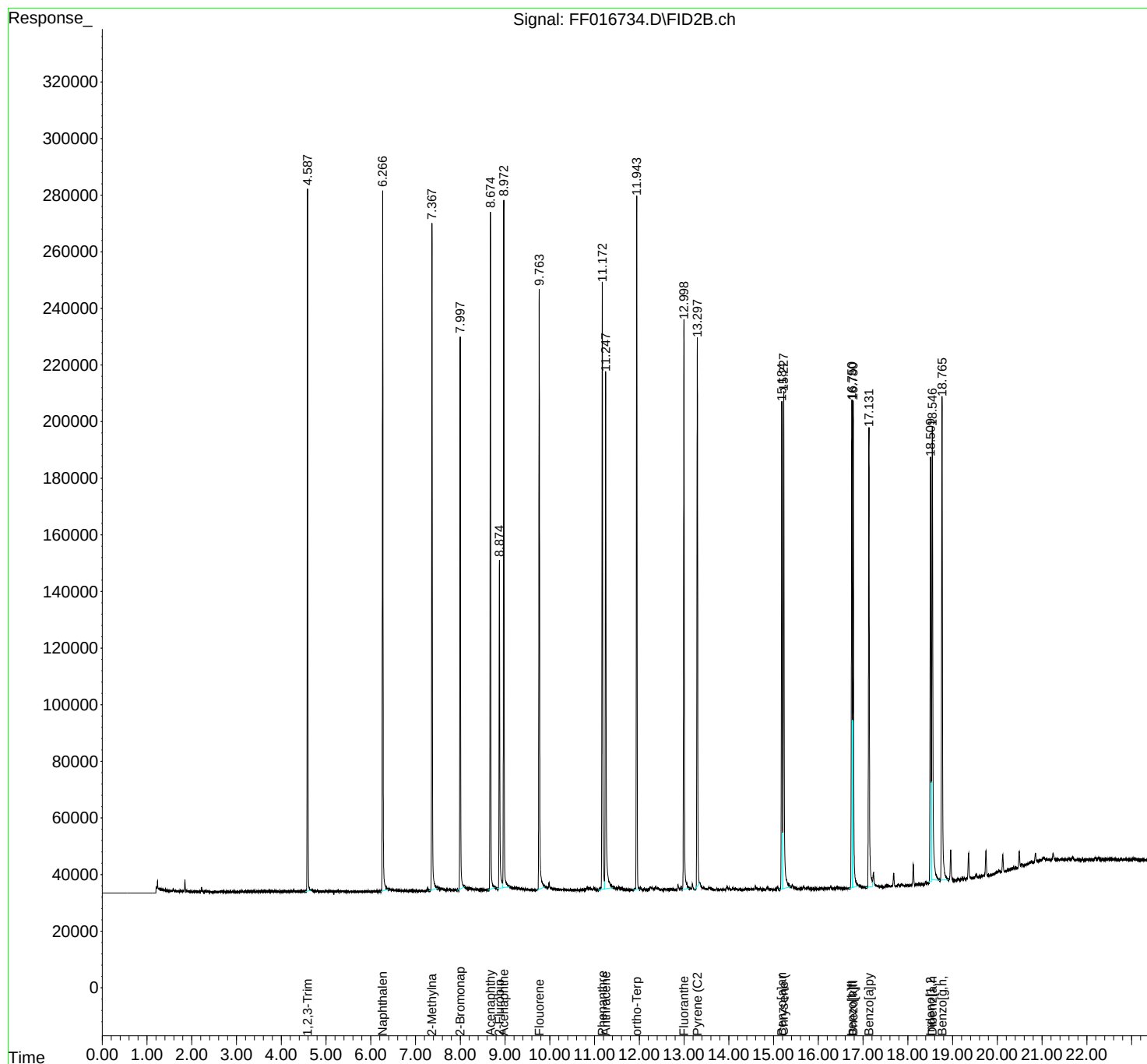
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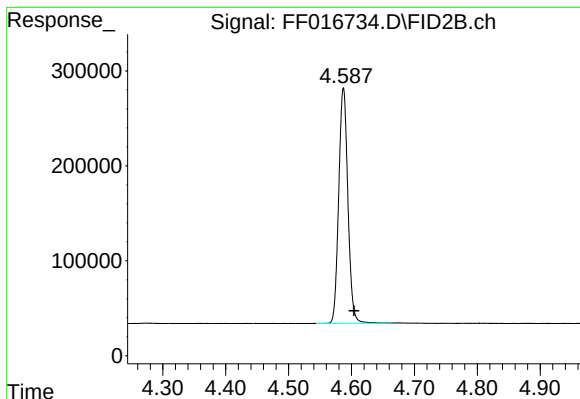
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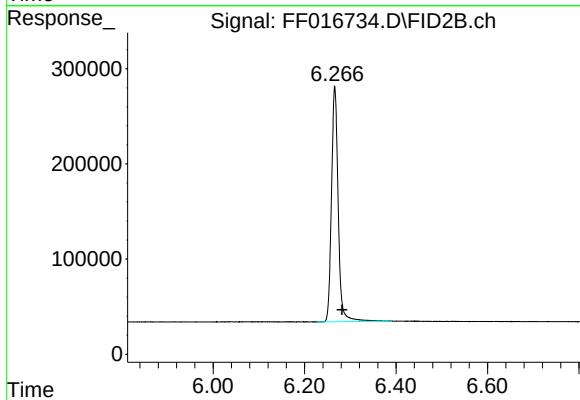
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.587 min
Delta R.T.: -0.017 min
Response: 2505048
Conc: 19.03 ug/ml

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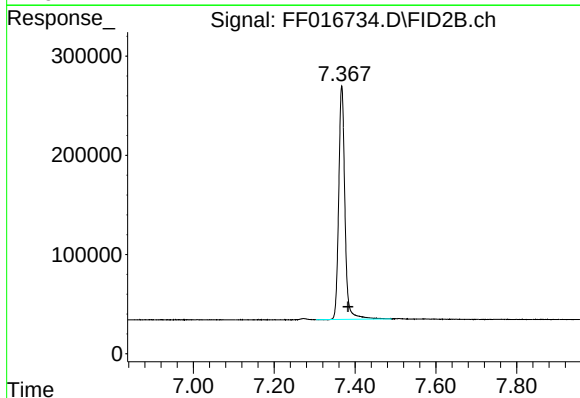
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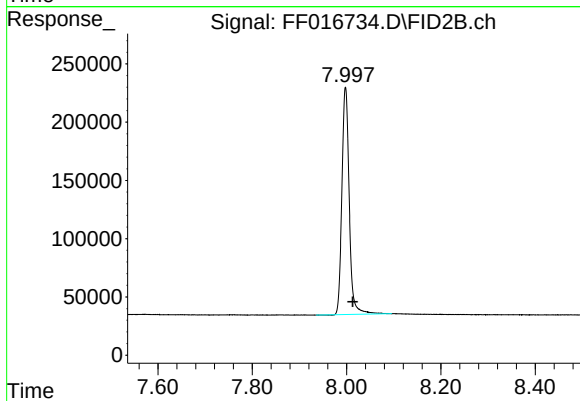
#2 Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.016 min
Response: 2515279
Conc: 19.01 ug/ml



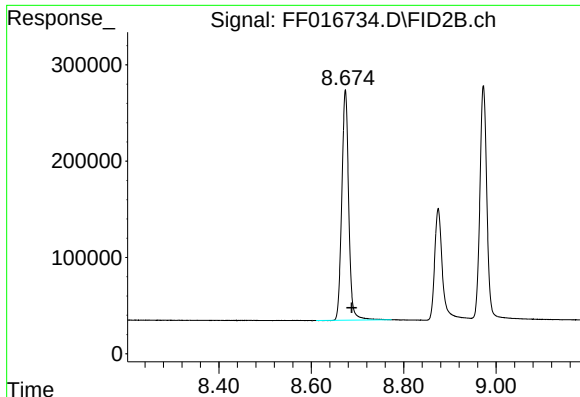
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.015 min
Response: 2499317
Conc: 18.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.998 min
Delta R.T.: -0.015 min
Response: 2094557
Conc: 18.48 ug/ml



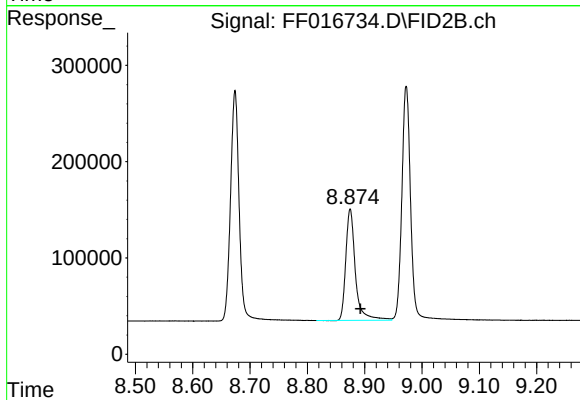
#5 Acenaphthylene (C15.06)

R.T.: 8.674 min
Delta R.T.: -0.014 min
Response: 2482500
Conc: 18.37 ug/ml

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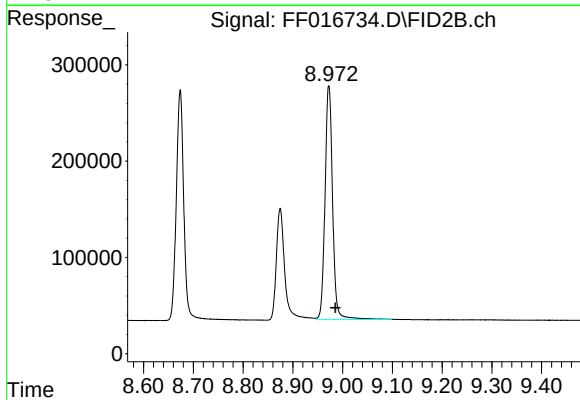
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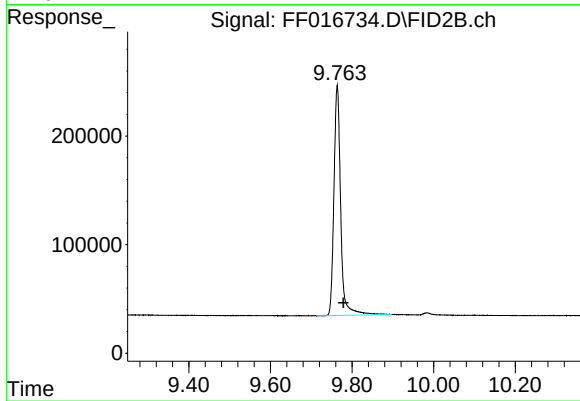
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.018 min
Response: 1348664
Conc: 18.91 ug/ml



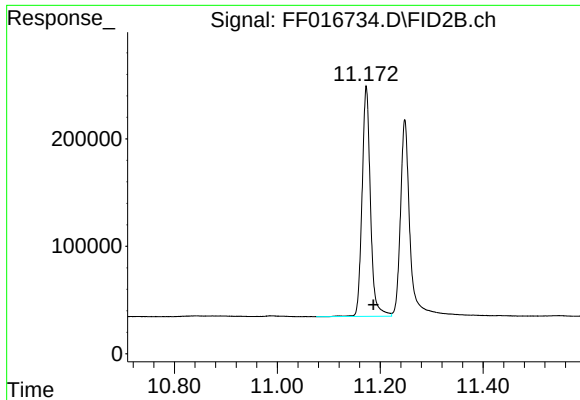
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.013 min
Response: 2585737
Conc: 18.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.764 min
Delta R.T.: -0.016 min
Response: 2430516
Conc: 18.67 ug/ml



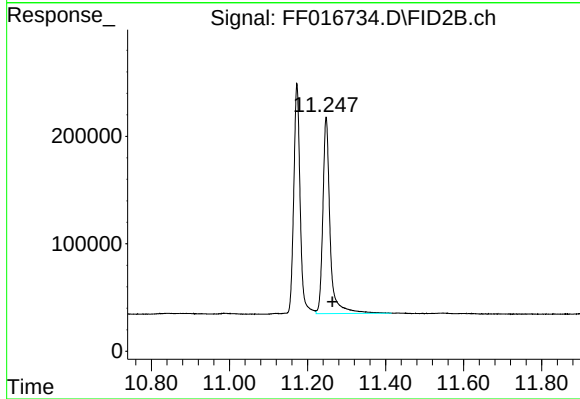
#9 Phenanthrene (C19.36)

R.T.: 11.173 min
Delta R.T.: -0.014 min
Response: 2420563
Conc: 18.31 ug/ml

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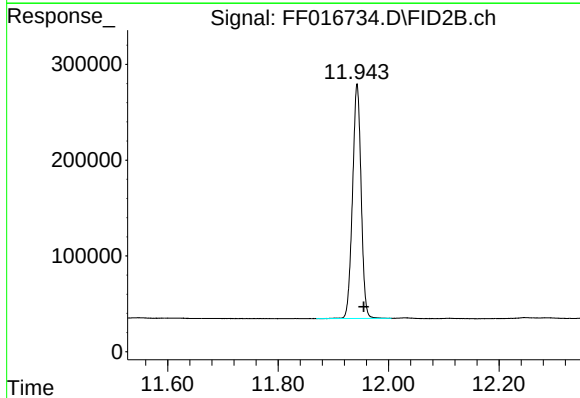
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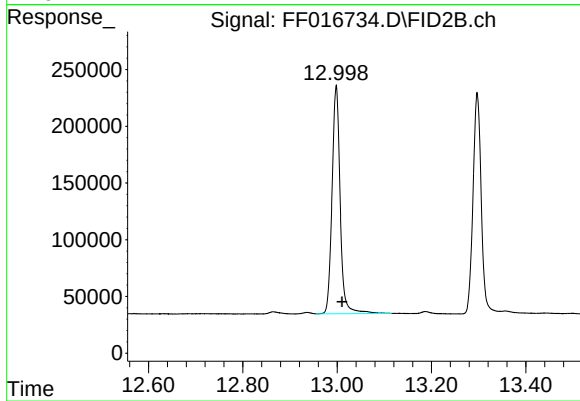
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: -0.016 min
Response: 2362194
Conc: 17.43 ug/ml



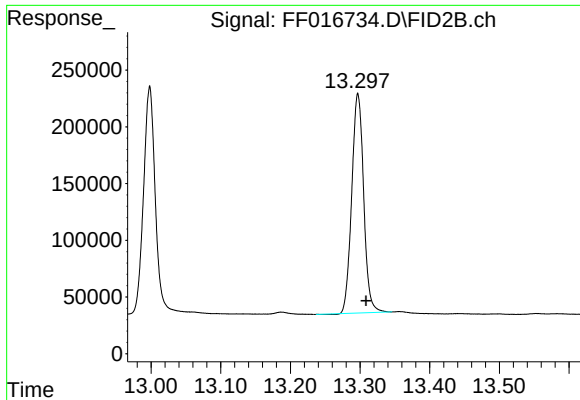
#11 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.012 min
Response: 2644198
Conc: 18.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.998 min
Delta R.T.: -0.012 min
Response: 2405355
Conc: 17.53 ug/ml



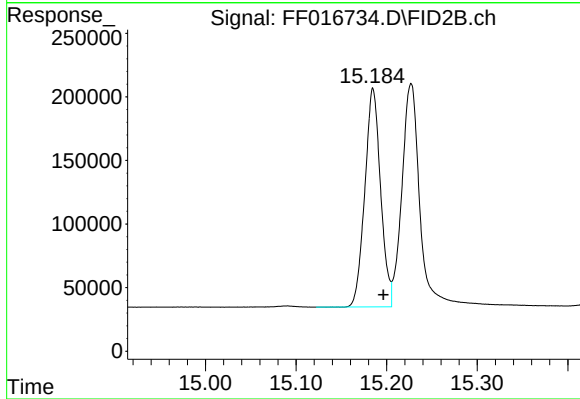
#13 Pyrene (C20.8)

R.T.: 13.297 min
Delta R.T.: -0.012 min
Response: 2291932
Conc: 16.72 ug/ml

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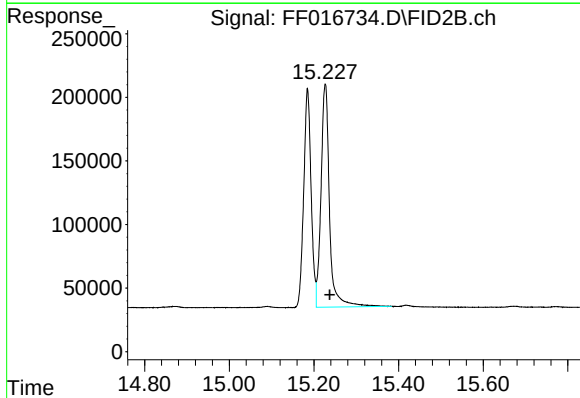
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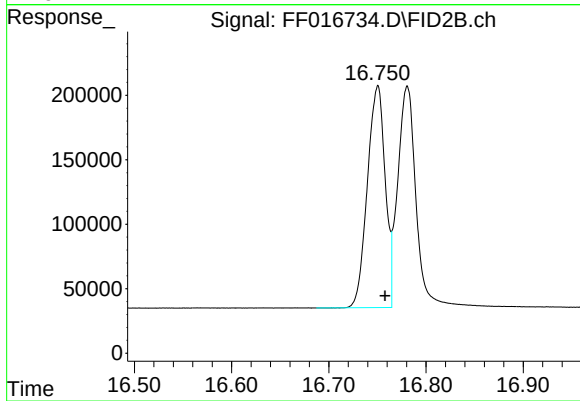
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.185 min
Delta R.T.: -0.011 min
Response: 2076903
Conc: 18.24 ug/ml



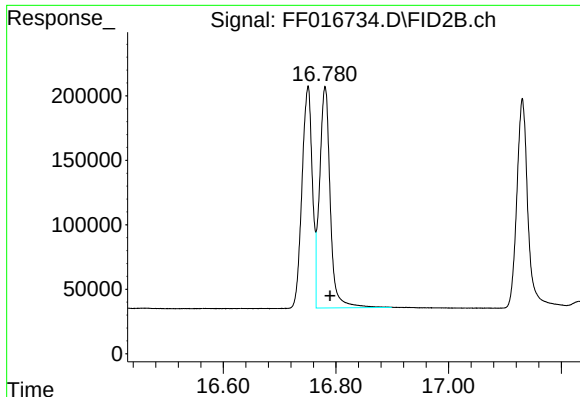
#15 Chrysene (C27.41)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 2452234
Conc: 17.38 ug/ml



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

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 2192015
Conc: 19.72 ug/ml



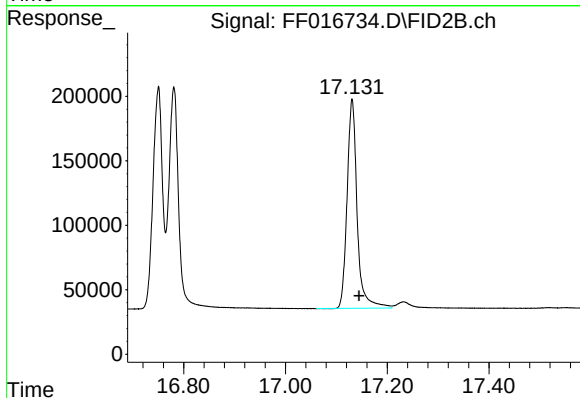
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.781 min
Delta R.T.: -0.009 min
Response: 2259383
Conc: 18.50 ug/ml

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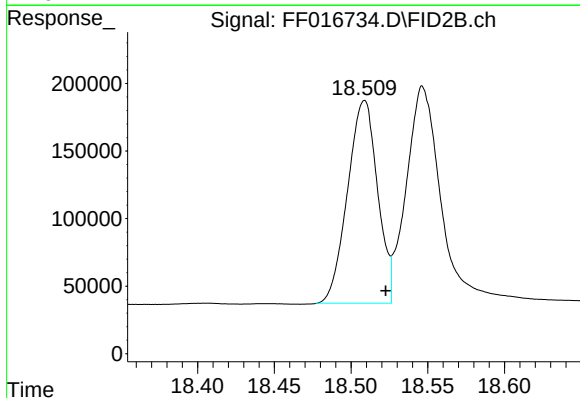
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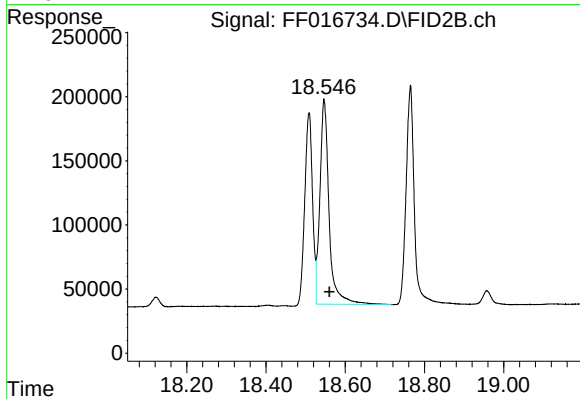
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.131 min
Delta R.T.: -0.014 min
Response: 2226824
Conc: 20.29 ug/ml



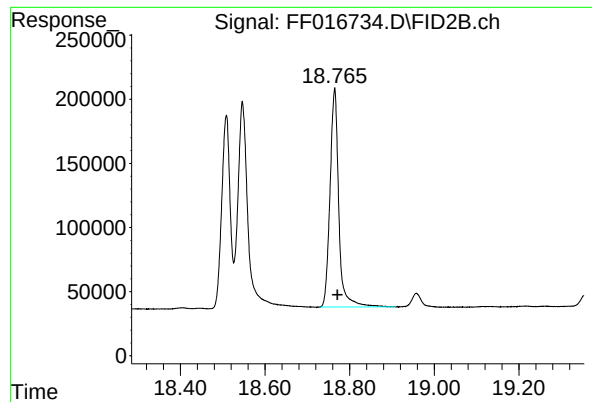
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.509 min
Delta R.T.: -0.014 min
Response: 2042573
Conc: 23.74 ug/ml m



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

R.T.: 18.547 min
Delta R.T.: -0.013 min
Response: 2576992
Conc: 19.57 ug/ml



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

R.T.: 18.764 min
Delta R.T.: -0.007 min
Response: 2447751
Conc: 23.10 ug/ml

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