

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103125AR\
 Data File : FD049861.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2025 10:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File: autoint1.e
 Quant Time: Nov 01 05:24:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.700	1996563	17.989 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
6) S 2-Fluorobiphenyl (SURR)	8.564	1406805	17.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.92%
11) S ortho-Terphenyl (SURR)	11.610	2569258	18.147 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	1978384	18.026 ug/ml
2) T Naphthalene (C11.7)	6.035	2240523	18.031 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	2340305	18.092 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2459349	18.059 ug/ml
7) T Acenaphthene (C15.5)	8.663	2461639	18.058 ug/ml
8) T Flouorene (C16.55)	9.444	2442927	17.966 ug/ml
9) T Phenanthrene (C19.36)	10.842	2464182	17.820 ug/ml
10) T Anthracene (C19.43)	10.917	2306593	18.086 ug/ml
12) T Fluoranthene (C21.85)	12.656	2525138	18.157 ug/ml
13) T Pyrene (C20.8)	12.954	2501501	18.032 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2217209	17.535 ug/ml
15) T Chrysene (C27.41)	14.868	2319243	17.677 ug/ml
16) T benzo[b]fluoranthene ...	16.377	2274501	17.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2137211	17.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2182289	17.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.120	1921136	16.694 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	1906874	14.727 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.374	2189613	17.407 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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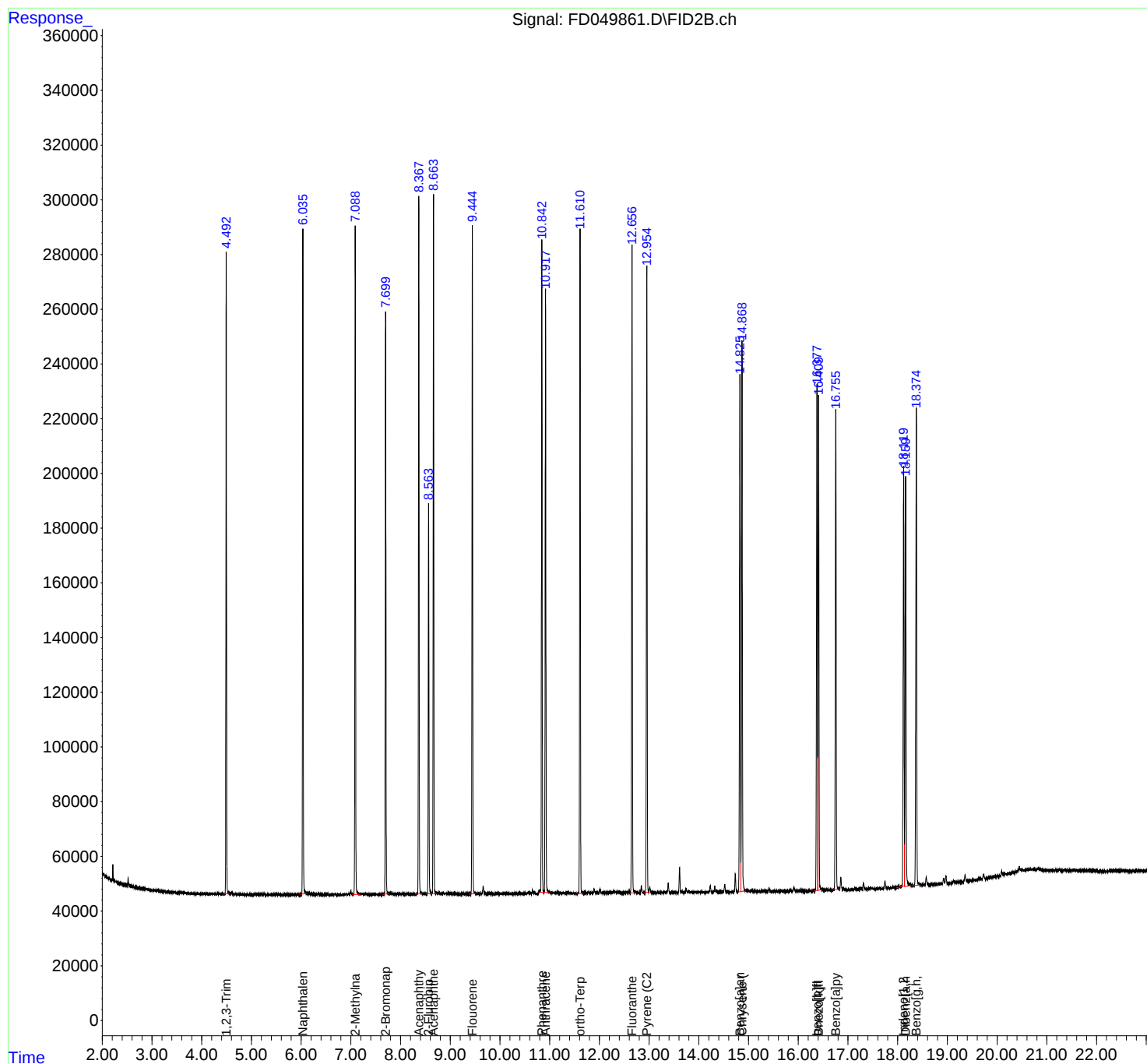
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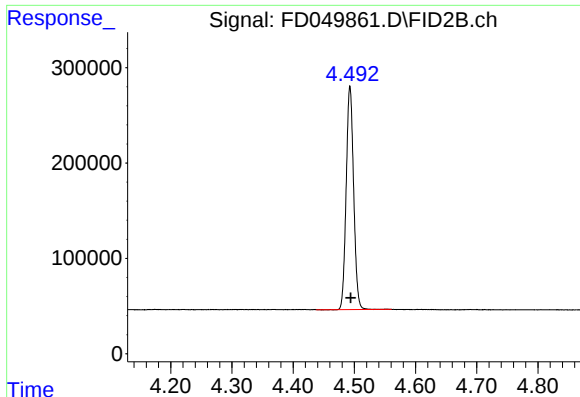
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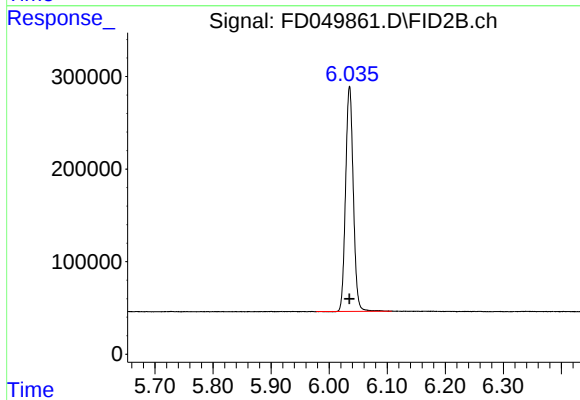
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 1978384
Conc: 18.03 ug/ml

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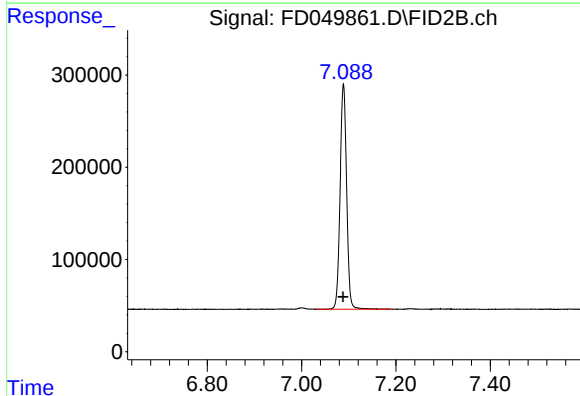
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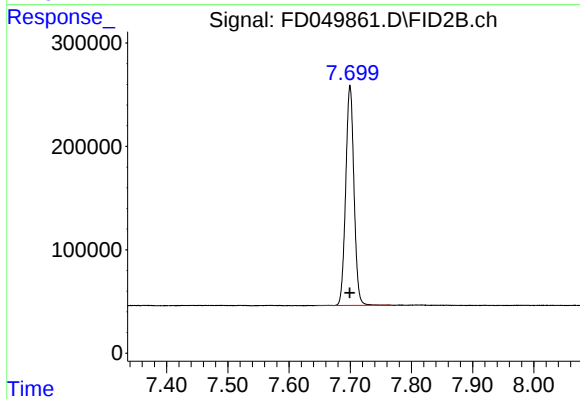
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2240523
Conc: 18.03 ug/ml



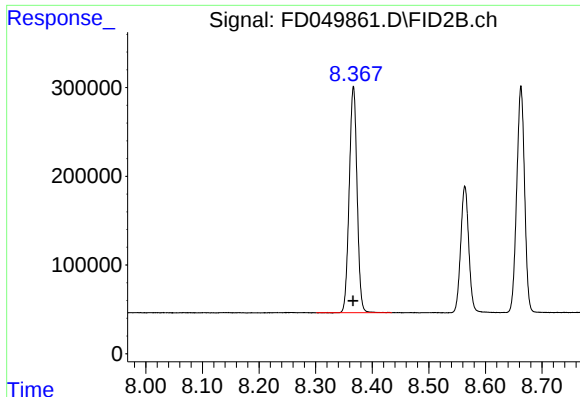
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 2340305
Conc: 18.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 1996563
Conc: 17.99 ug/ml



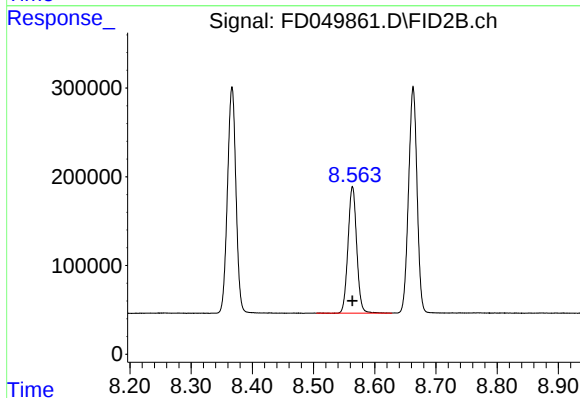
#5 Acenaphthylene (C15.06)

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 2459349
Conc: 18.06 ug/ml

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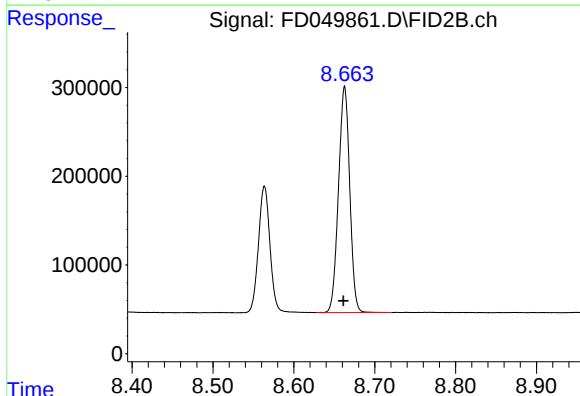
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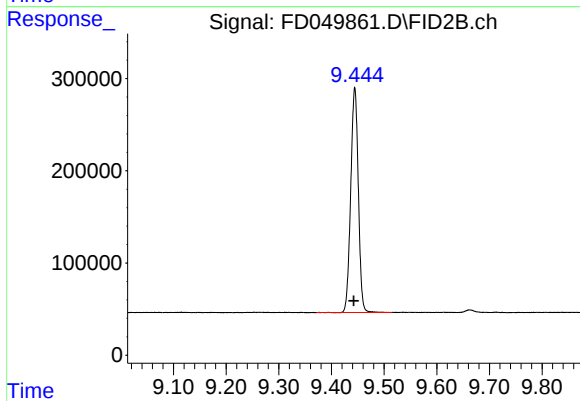
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 1406805
Conc: 17.96 ug/ml



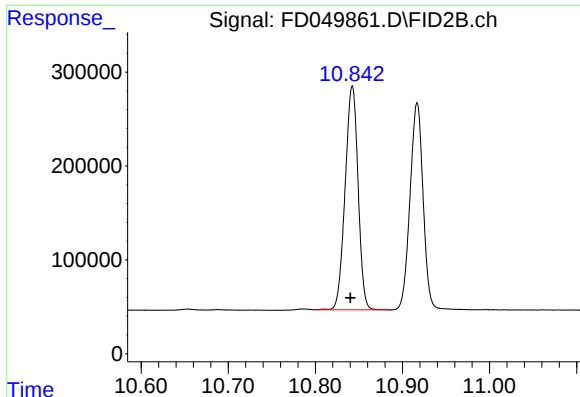
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 2461639
Conc: 18.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.444 min
Delta R.T.: 0.002 min
Response: 2442927
Conc: 17.97 ug/ml



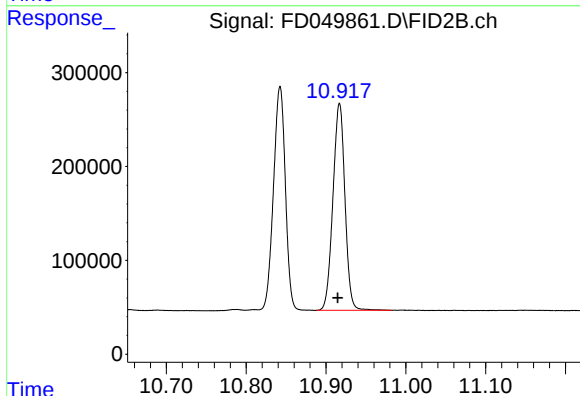
#9 Phenanthrene (C19.36)

R.T.: 10.842 min
Delta R.T.: 0.002 min
Response: 2464182
Conc: 17.82 ug/ml

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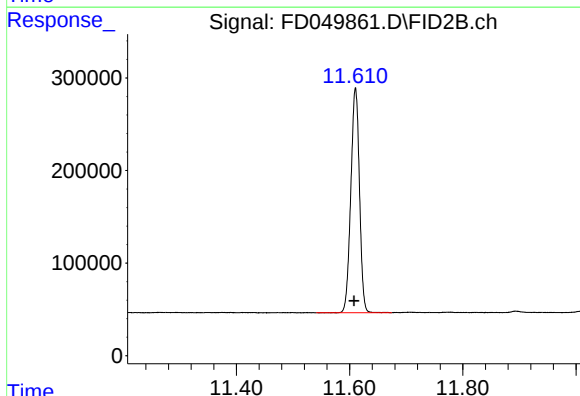
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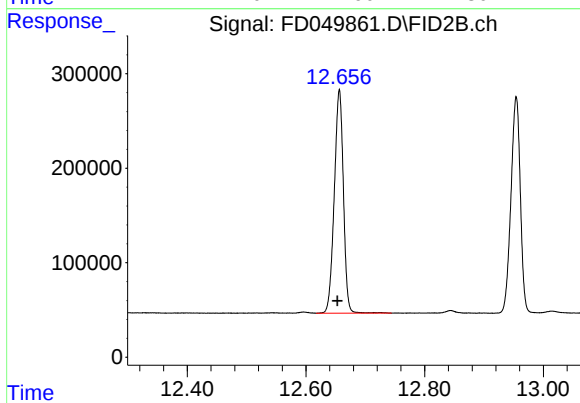
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 2306593
Conc: 18.09 ug/ml



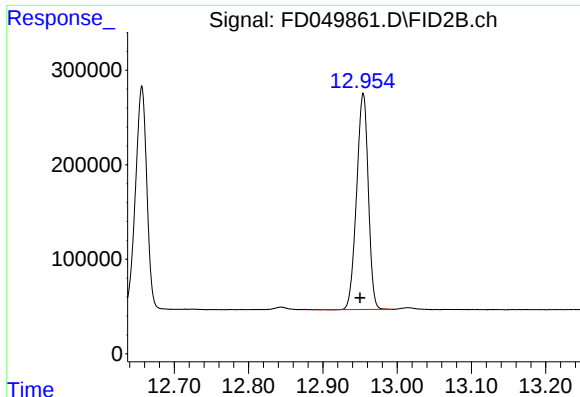
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 2569258
Conc: 18.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.656 min
Delta R.T.: 0.003 min
Response: 2525138
Conc: 18.16 ug/ml



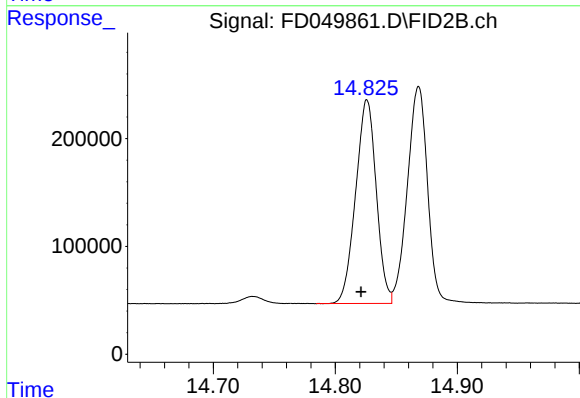
#13 Pyrene (C20.8)

R.T.: 12.954 min
Delta R.T.: 0.004 min
Response: 2501501
Conc: 18.03 ug/ml

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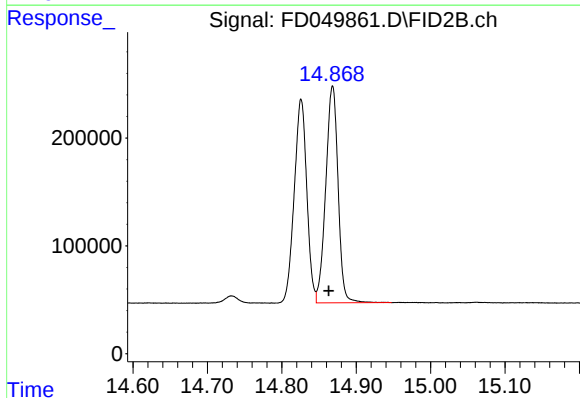
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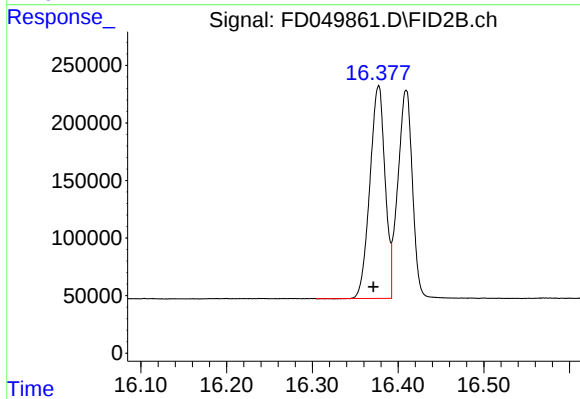
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.005 min
Response: 2217209
Conc: 17.54 ug/ml



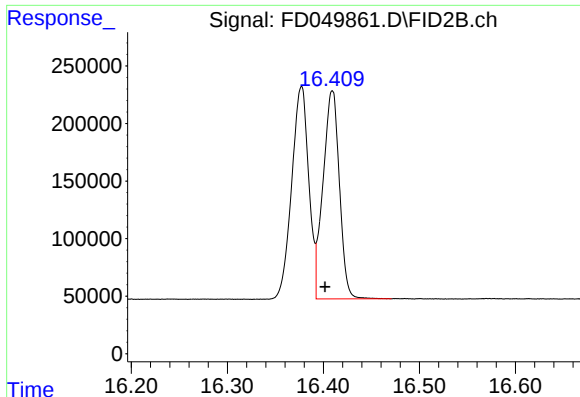
#15 Chrysene (C27.41)

R.T.: 14.868 min
Delta R.T.: 0.005 min
Response: 2319243
Conc: 17.68 ug/ml



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

R.T.: 16.377 min
Delta R.T.: 0.006 min
Response: 2274501
Conc: 17.66 ug/ml



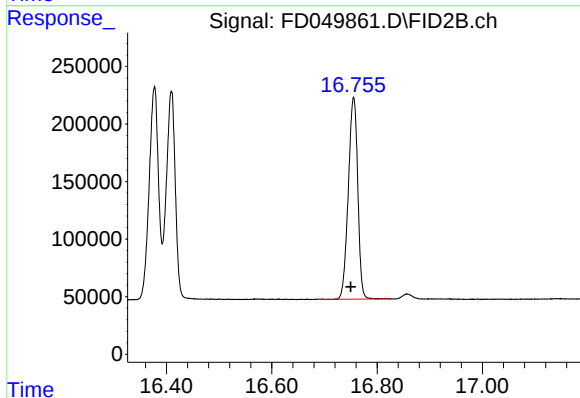
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.409 min
Delta R.T.: 0.007 min
Response: 2137211
Conc: 17.56 ug/ml

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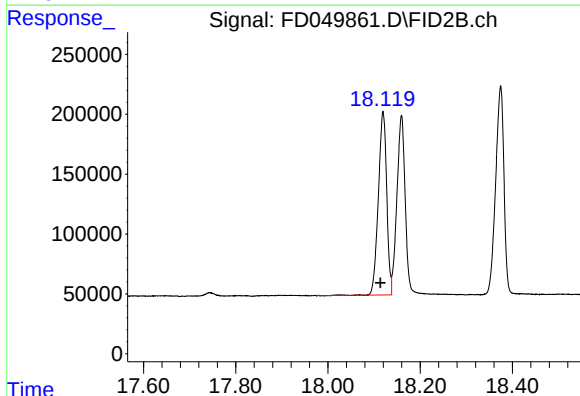
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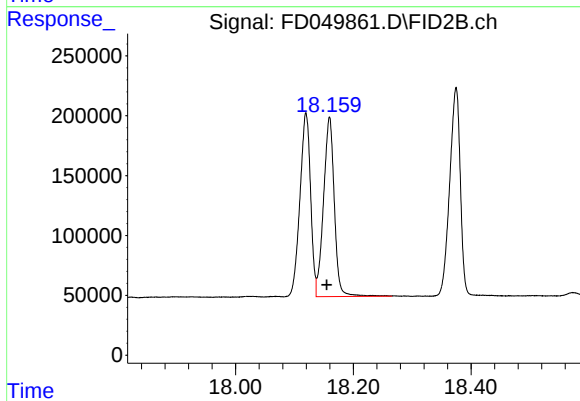
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.005 min
Response: 2182289
Conc: 17.43 ug/ml



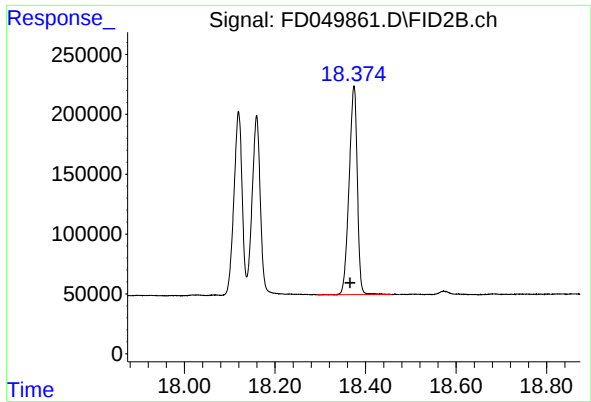
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.120 min
Delta R.T.: 0.006 min
Response: 1921136
Conc: 16.69 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.004 min
Response: 1906874
Conc: 14.73 ug/ml m



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

R.T.: 18.374 min
Delta R.T.: 0.008 min
Response: 2189613
Conc: 17.41 ug/ml

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