

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049302.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:55
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 01 13:28:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:28:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.739	554322	4.675 ug/ml
Spiked Amount 50.000		Recovery =	9.35%
6) S 2-Fluorobiphenyl (SURR)	8.604	355341	4.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.00%
11) S ortho-Terphenyl (SURR)	11.647	652174	4.725 ug/ml
Spiked Amount 50.000		Recovery =	9.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	592326	4.744 ug/ml
2) T Naphthalene (C11.7)	6.076	616885	4.666 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	597813	4.634 ug/ml
5) T Acenaphthylene (C15.06)	8.407	665513	4.714 ug/ml
7) T Acenaphthene (C15.5)	8.702	643365	4.696 ug/ml
8) T Fluorene (C16.55)	9.483	627418	4.609 ug/ml
9) T Phenanthrene (C19.36)	10.881	612980	4.547 ug/ml
10) T Anthracene (C19.43)	10.955	512014	4.329 ug/ml
12) T Fluoranthene (C21.85)	12.693	601392	4.463 ug/ml
13) T Pyrene (C20.8)	12.991	607748	4.493 ug/ml
14) T Benzo[a]anthracene (C...	14.861	498676	4.354 ug/ml
15) T Chrysene (C27.41)	14.903	519076	4.447 ug/ml
16) T benzo[b]fluoranthene ...	16.411	562724	4.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	555129	4.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	536028	4.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	501198	4.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	479962	4.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	553069	4.641 ug/ml

(f)=RT Delta > 1/2 Window

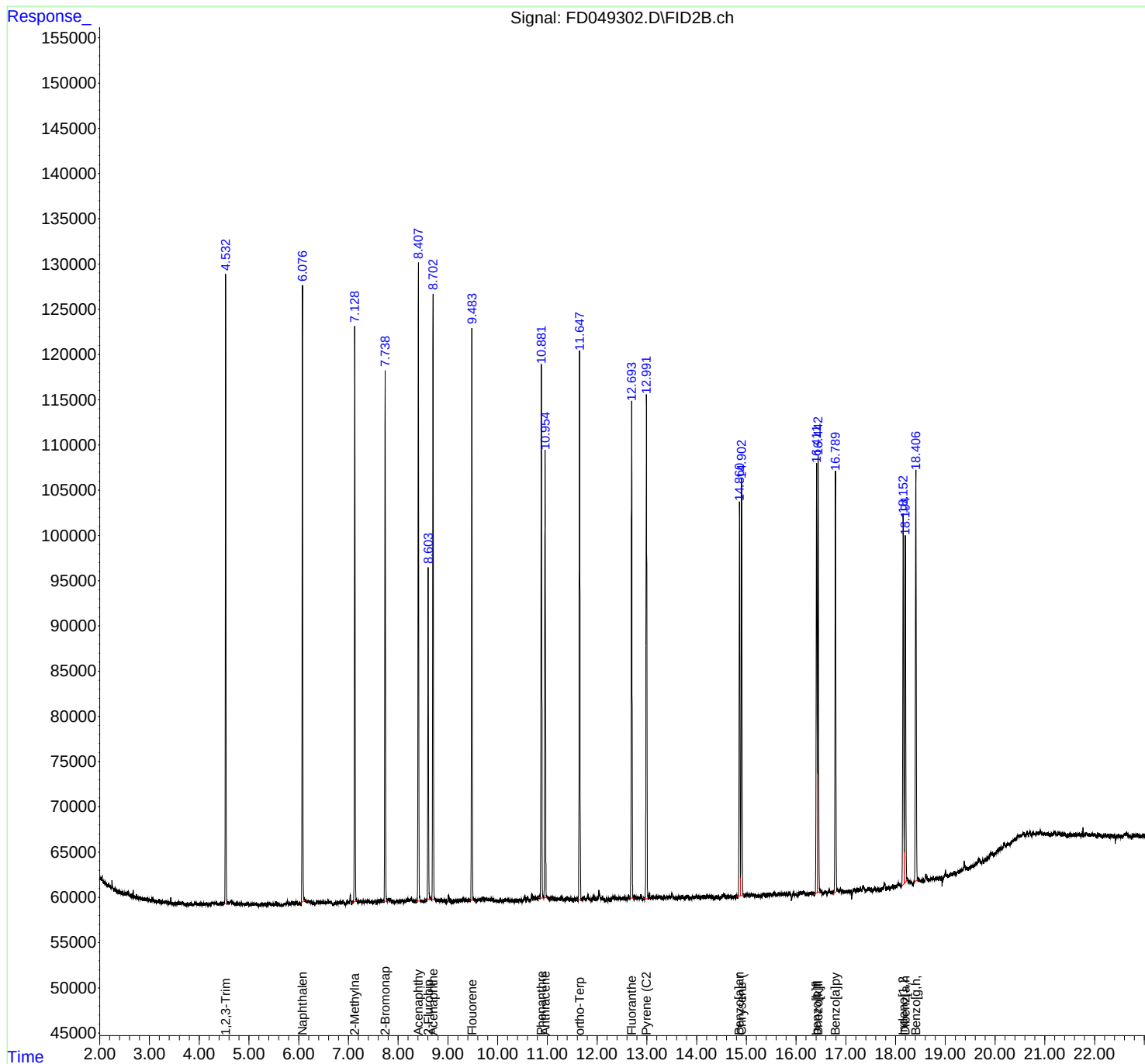
(m)=manual int.

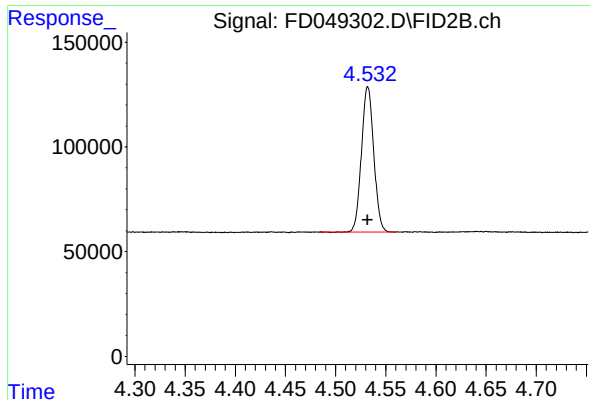
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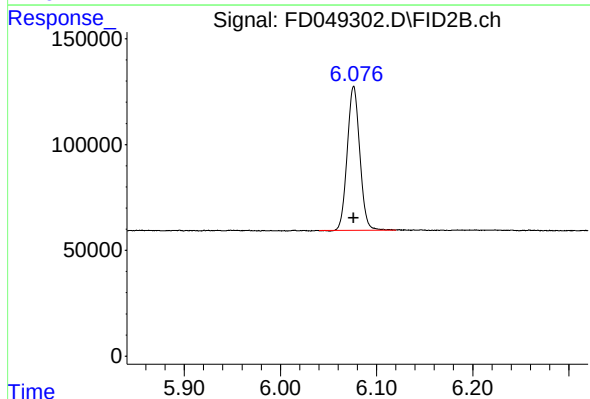




#1 1,2,3-Trimethylbenzene (C10.1)

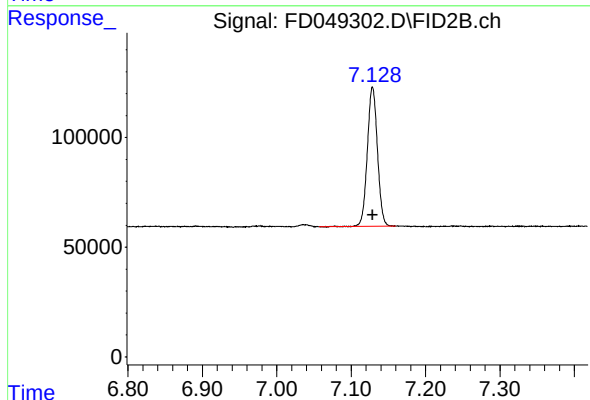
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 592326
Conc: 4.74 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



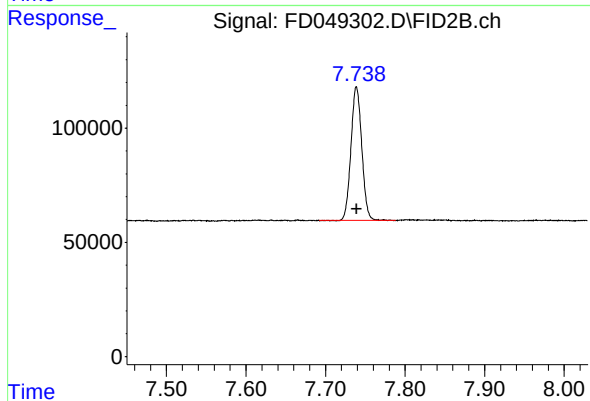
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 616885
Conc: 4.67 ug/ml



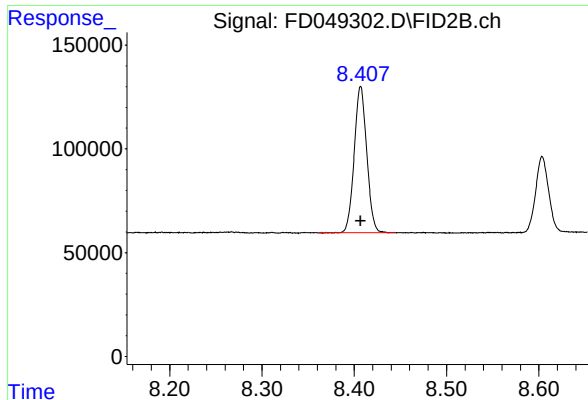
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 597813
Conc: 4.63 ug/ml



#4 2-Bromonaphthalene (SURR)

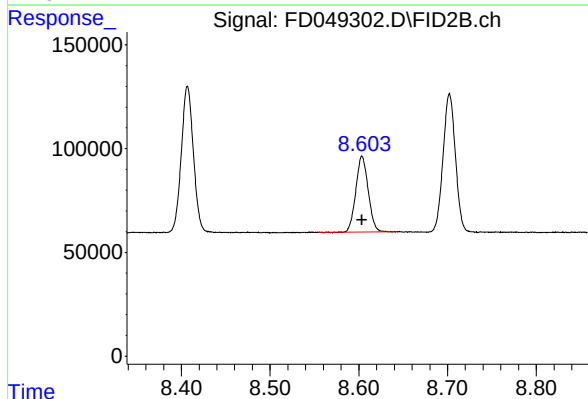
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 554322
Conc: 4.68 ug/ml



#5 Acenaphthylene (C15.06)

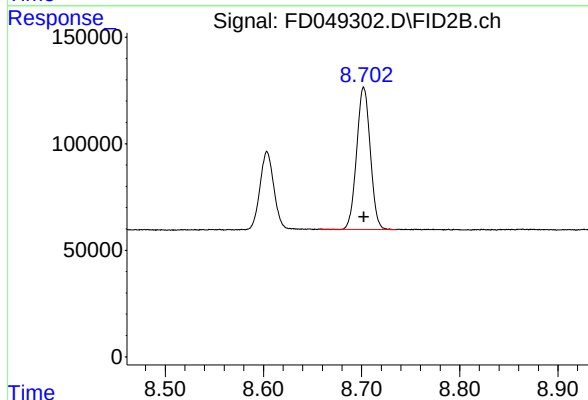
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 665513
Conc: 4.71 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



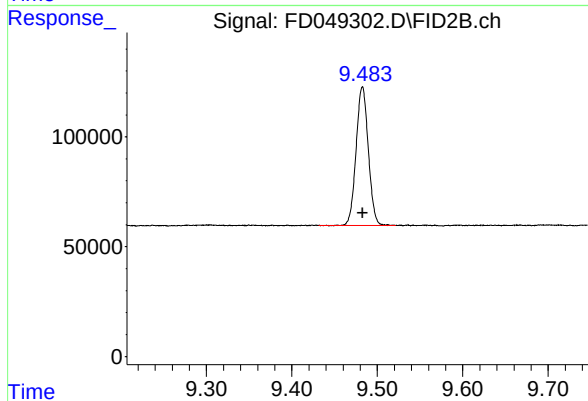
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 355341
Conc: 4.50 ug/ml



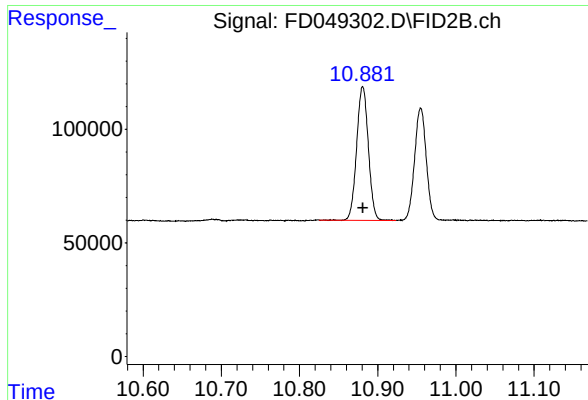
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 643365
Conc: 4.70 ug/ml



#8 Fluorene (C16.55)

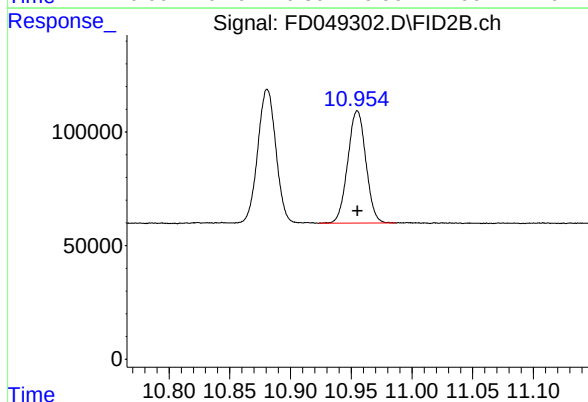
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 627418
Conc: 4.61 ug/ml



#9 Phenanthrene (C19.36)

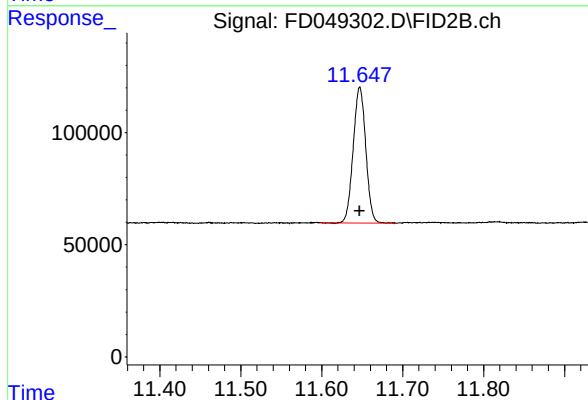
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 612980
Conc: 4.55 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



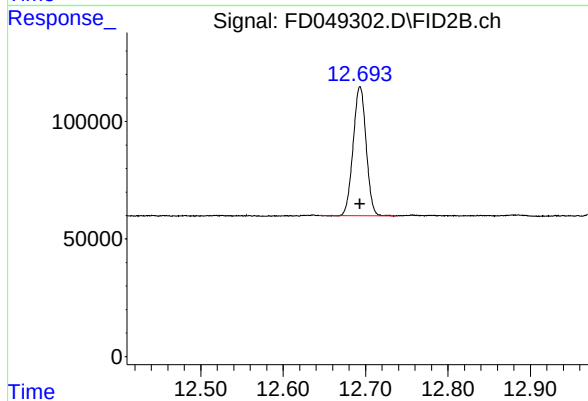
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 512014
Conc: 4.33 ug/ml



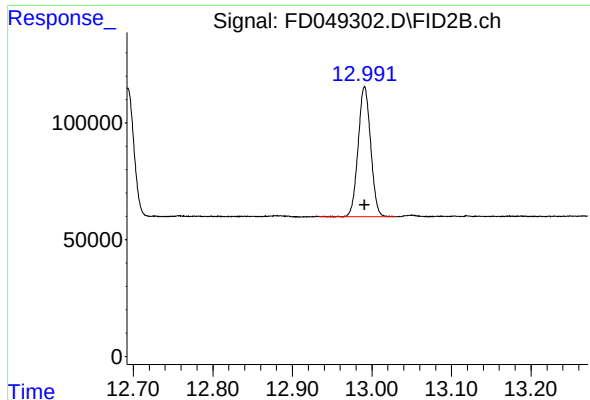
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 652174
Conc: 4.73 ug/ml



#12 Fluoranthene (C21.85)

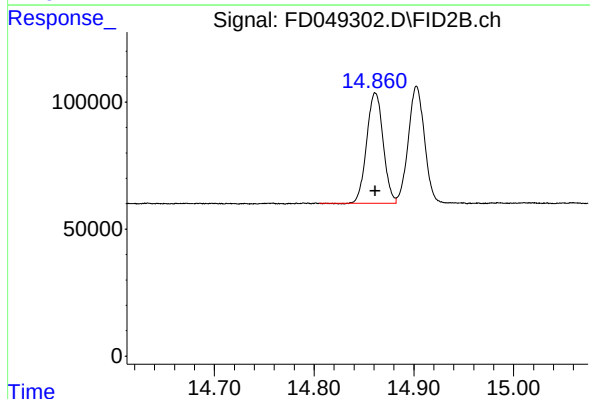
R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 601392
Conc: 4.46 ug/ml



#13 Pyrene (C20.8)

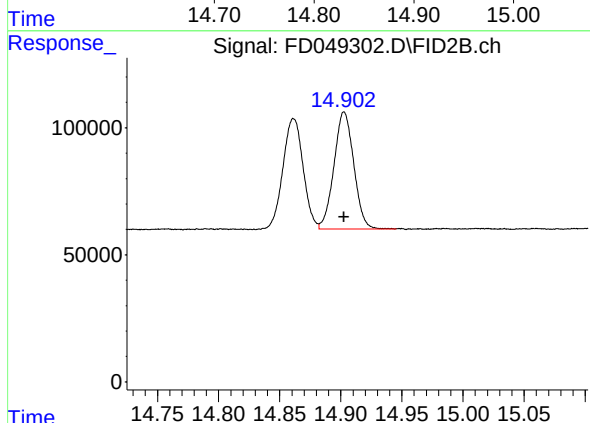
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 607748
Conc: 4.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



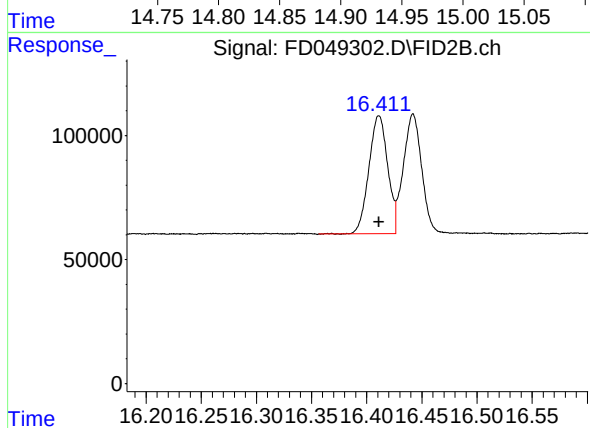
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 498676
Conc: 4.35 ug/ml



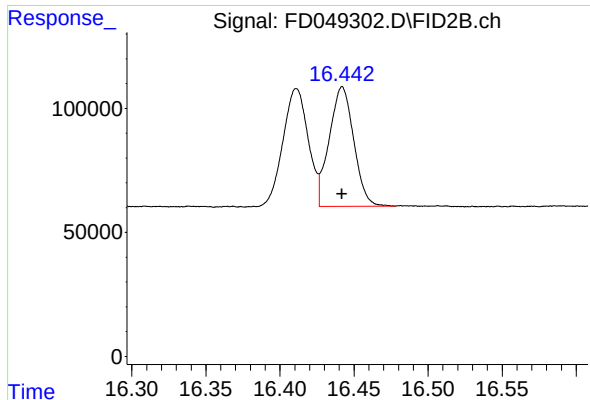
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.000 min
Response: 519076
Conc: 4.45 ug/ml



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

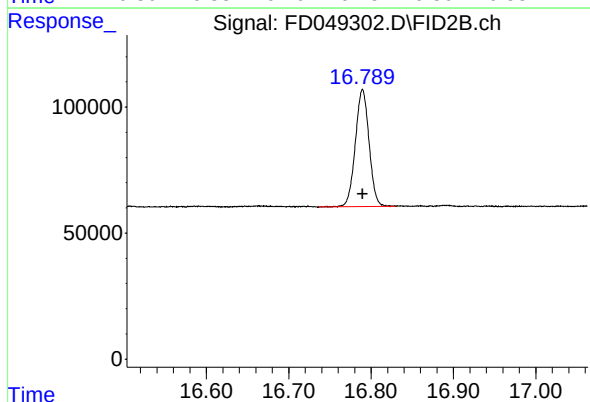
R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 562724
Conc: 4.64 ug/ml



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

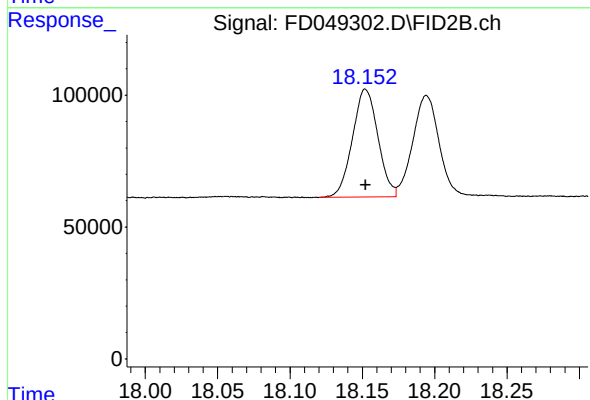
R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 555129
Conc: 4.65 ug/ml

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FID_D
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5 PPM AROMATIC HC STD5



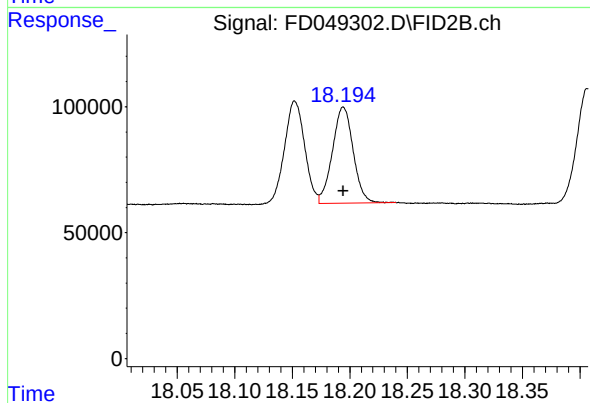
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: 0.000 min
Response: 536028
Conc: 4.66 ug/ml



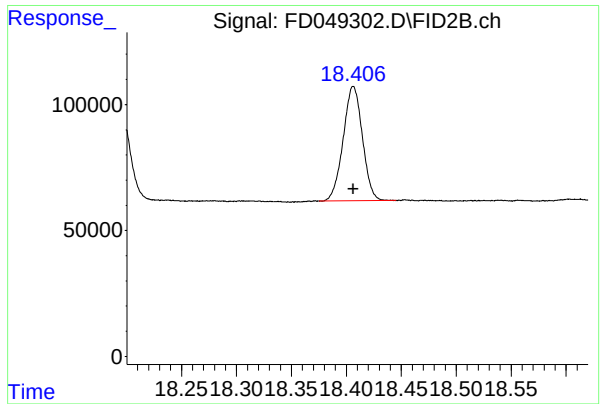
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.000 min
Response: 501198
Conc: 4.57 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.000 min
Response: 479962
Conc: 4.54 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.000 min
Response: 553069
Conc: 4.64 ug/ml

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5 PPM AROMATIC HC STD5