

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062425AR\
 Data File : FD049504.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2025 07:57
 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

Integration File: autoint1.e
 Quant Time: Jun 24 23:51:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.734	2641843	20.719 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.599	1894708	21.339 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.68%
11) S ortho-Terphenyl (SURR)	11.644	3249113	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2567907	22.110 ug/ml
2) T Naphthalene (C11.7)	6.071	2866171	21.353 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	2879687	20.382 ug/ml
5) T Acenaphthylene (C15.06)	8.403	3101729	19.840 ug/ml
7) T Acenaphthene (C15.5)	8.699	3044870	20.323 ug/ml
8) T Flouorene (C16.55)	9.480	3190420	20.739 ug/ml
9) T Phenanthrene (C19.36)	10.878	3275385	20.553 ug/ml
10) T Anthracene (C19.43)	10.952	2658035	16.930 ug/ml
12) T Fluoranthene (C21.85)	12.691	3362460	21.235 ug/ml
13) T Pyrene (C20.8)	12.990	3386833	21.407 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3154937	21.378 ug/ml
15) T Chrysene (C27.41)	14.903	3212100	21.550 ug/ml
16) T benzo[b]fluoranthene ...	16.411	3066894	21.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	3018011	22.723 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2744302	20.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2567867	20.974 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2996989	23.402 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2693375	21.070 ug/ml

(f)=RT Delta > 1/2 Window

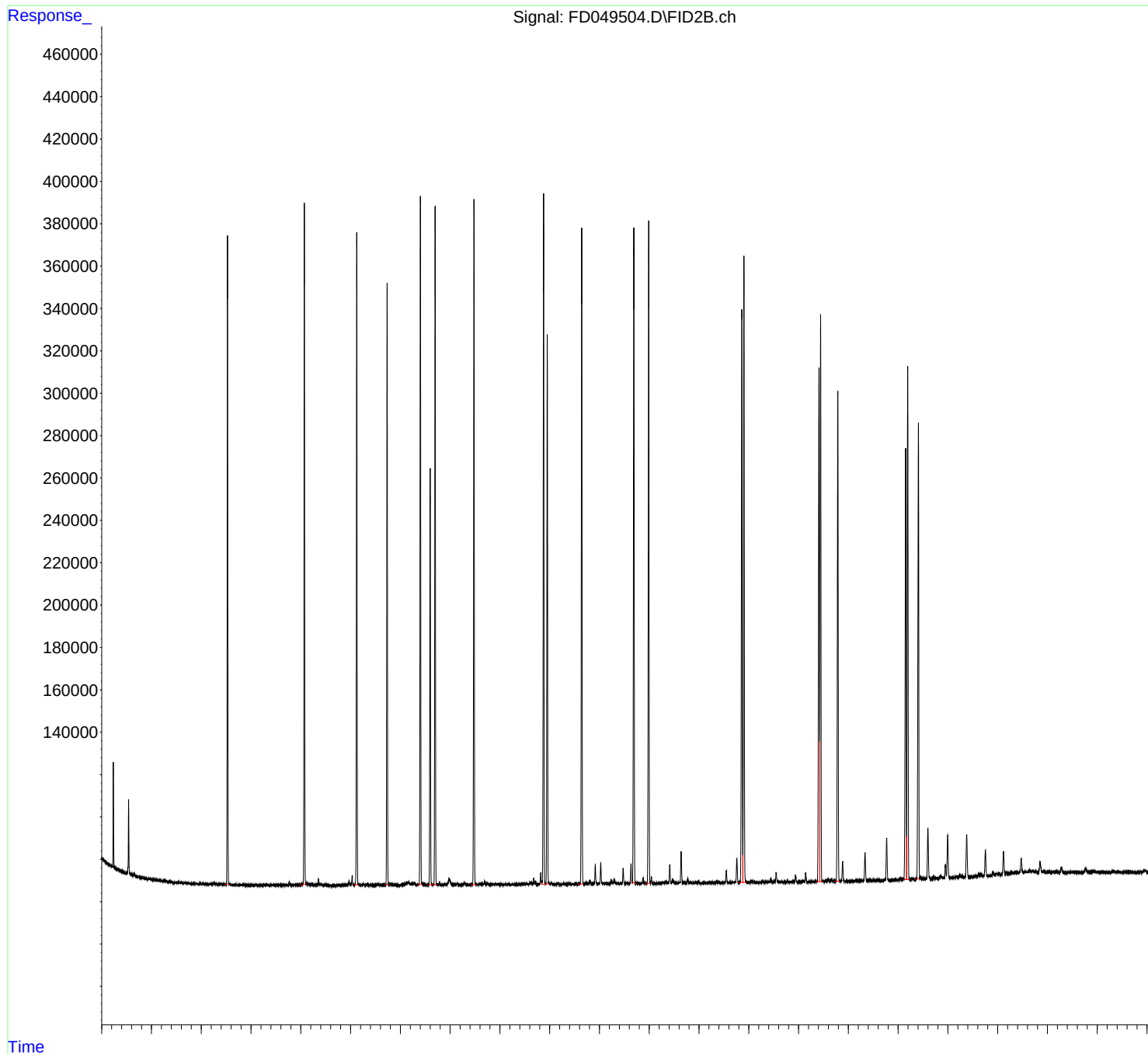
(m)=manual int.

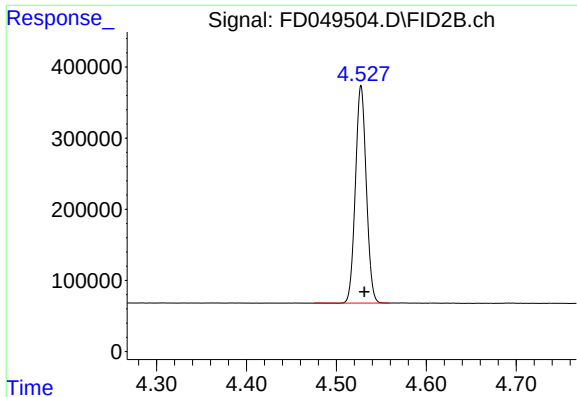
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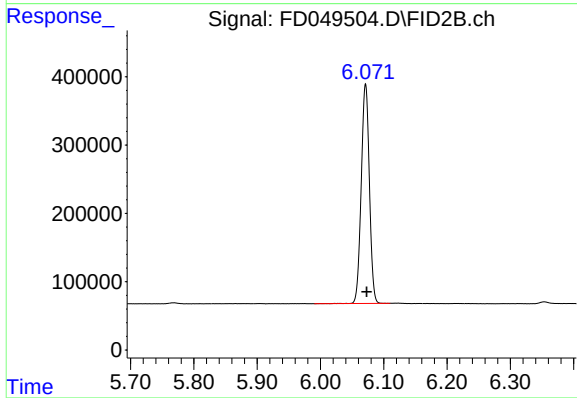




#1 1,2,3-Trimethylbenzene (C10.1)

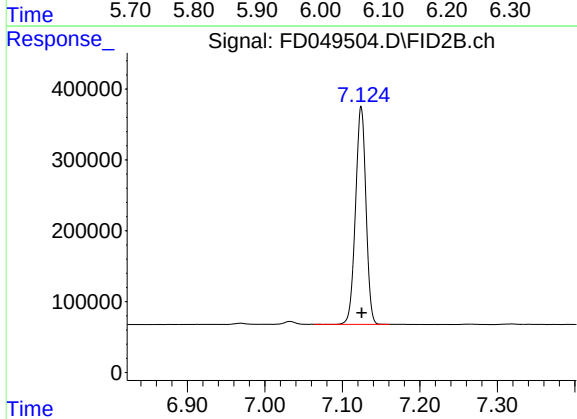
R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 2567907
Conc: 22.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



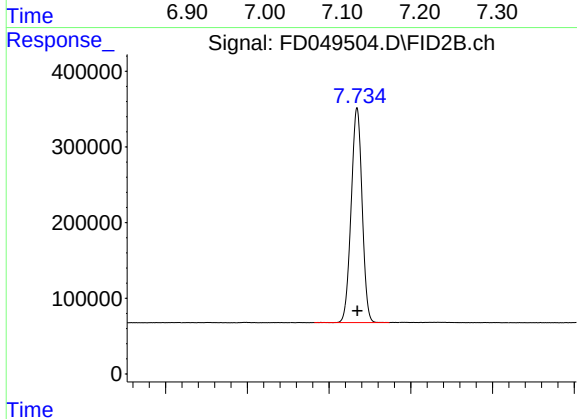
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 2866171
Conc: 21.35 ug/ml



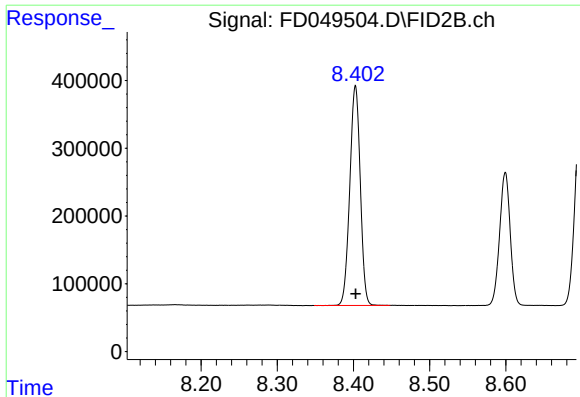
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2879687
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

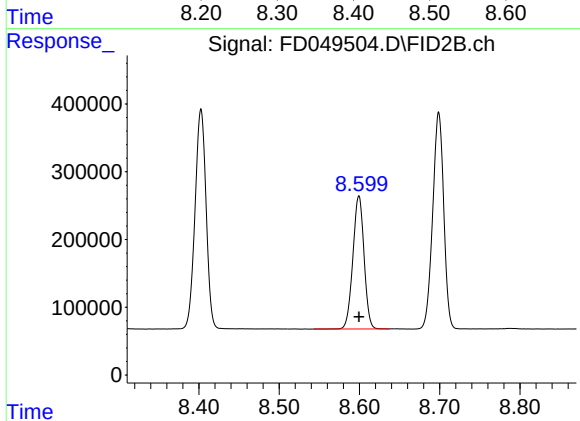
R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 2641843
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

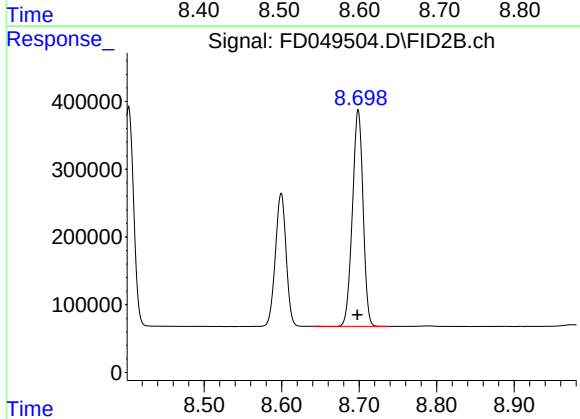
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 3101729
Conc: 19.84 ug/ml

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20 PPM AROMATIC HC STD



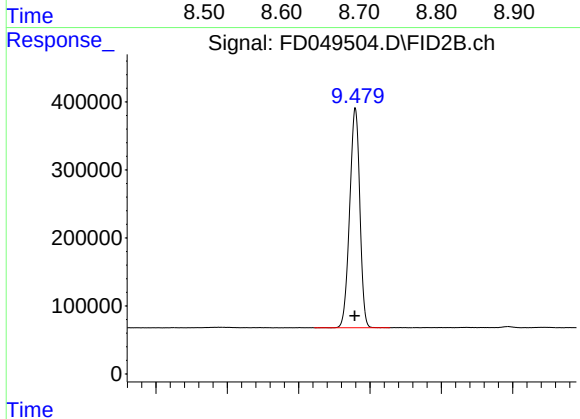
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 1894708
Conc: 21.34 ug/ml



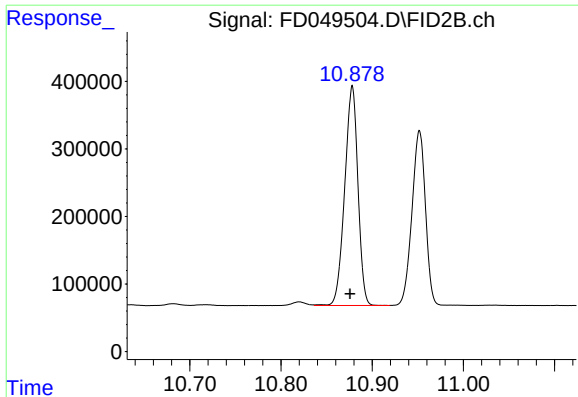
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 3044870
Conc: 20.32 ug/ml



#8 Fluorene (C16.55)

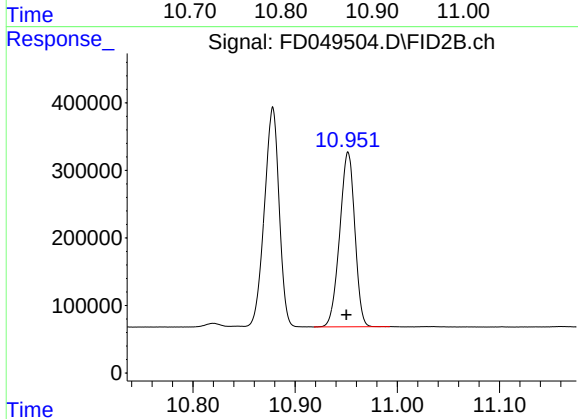
R.T.: 9.480 min
Delta R.T.: 0.001 min
Response: 3190420
Conc: 20.74 ug/ml



#9 Phenanthrene (C19.36)

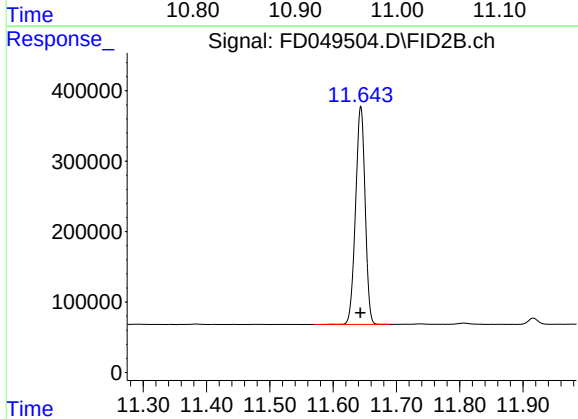
R.T.: 10.878 min
Delta R.T.: 0.003 min
Response: 3275385
Conc: 20.55 ug/ml

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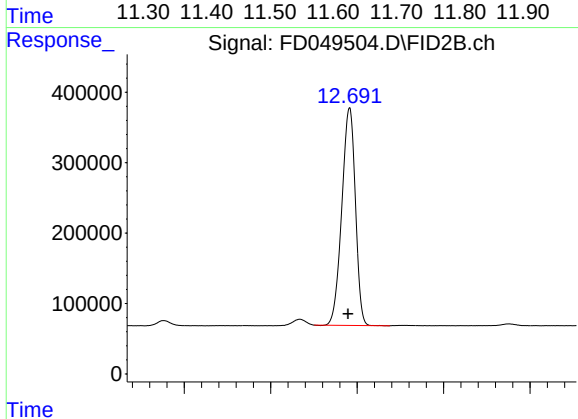
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: 0.002 min
Response: 2658035
Conc: 16.93 ug/ml



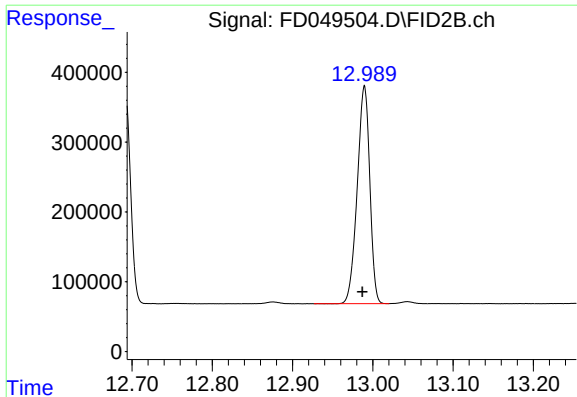
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3249113
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

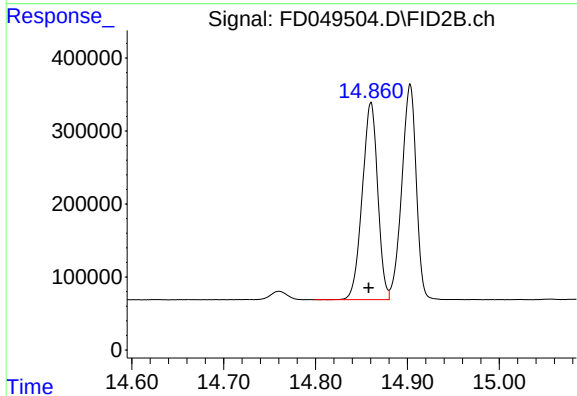
R.T.: 12.691 min
Delta R.T.: 0.002 min
Response: 3362460
Conc: 21.24 ug/ml



#13 Pyrene (C20.8)

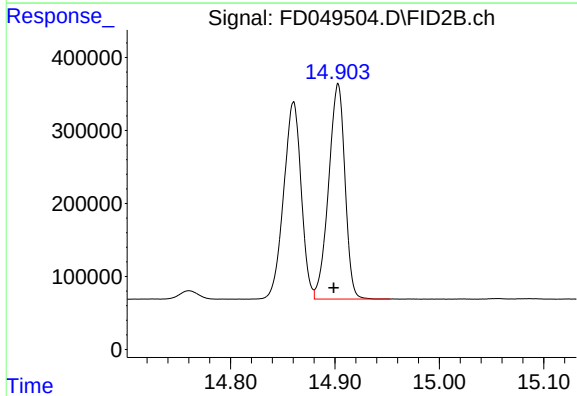
R.T.: 12.990 min
Delta R.T.: 0.003 min
Response: 3386833
Conc: 21.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



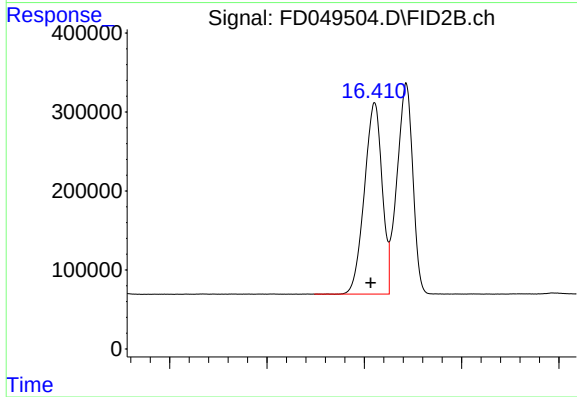
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: 0.002 min
Response: 3154937
Conc: 21.38 ug/ml



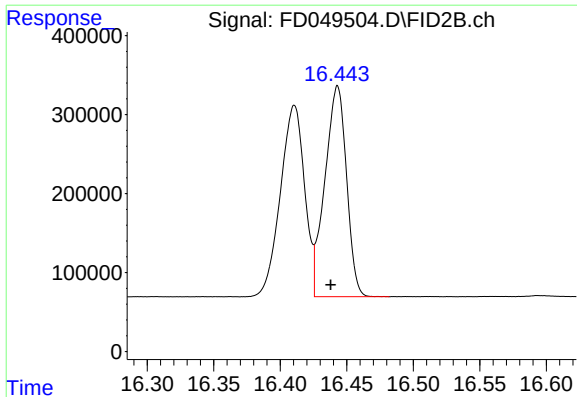
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.004 min
Response: 3212100
Conc: 21.55 ug/ml



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

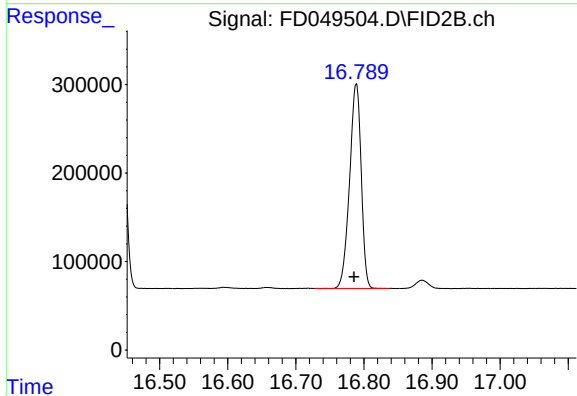
R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 3066894
Conc: 21.83 ug/ml



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

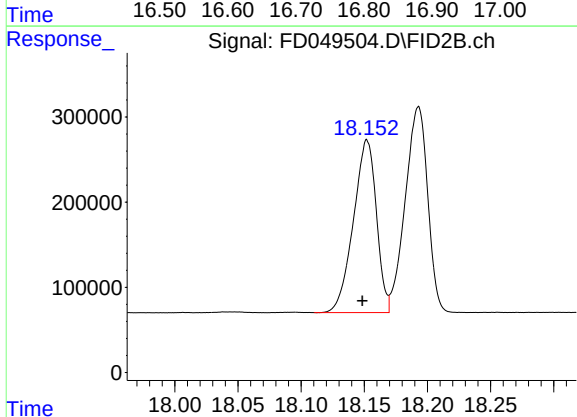
R.T.: 16.443 min
Delta R.T.: 0.005 min
Response: 3018011
Conc: 22.72 ug/ml

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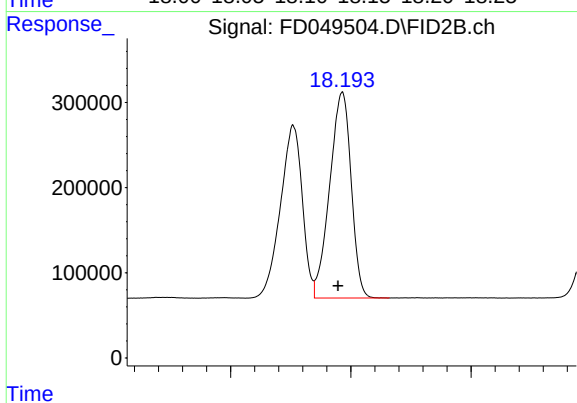
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: 0.003 min
Response: 2744302
Conc: 20.07 ug/ml



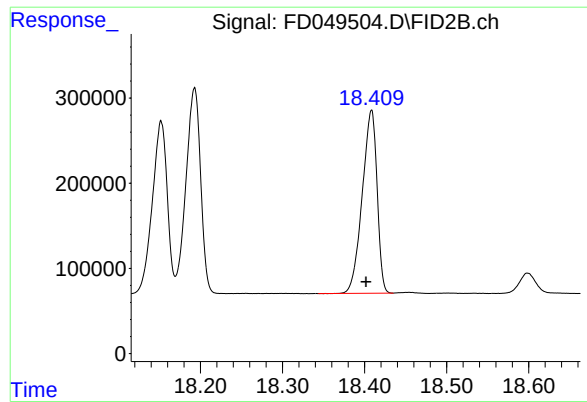
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.004 min
Response: 2567867
Conc: 20.97 ug/ml



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

R.T.: 18.193 min
Delta R.T.: 0.004 min
Response: 2996989
Conc: 23.40 ug/ml



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

R.T.: 18.408 min
Delta R.T.: 0.007 min
Response: 2693375
Conc: 21.07 ug/ml

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