

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110325AR\
 Data File : FD049876.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2025 15:33
 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: Nov 04 02:38:00 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...	7.698	2473891	22.290 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
6) S 2-Fluorobiphenyl (SURR)	8.562	1718698	21.939 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.88%
11) S ortho-Terphenyl (SURR)	11.608	3112290	21.983 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2375019	21.640 ug/ml
2) T Naphthalene (C11.7)	6.034	2755284	22.174 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2883706	22.293 ug/ml
5) T Acenaphthylene (C15.06)	8.365	3030912	22.256 ug/ml
7) T Acenaphthene (C15.5)	8.661	3047577	22.356 ug/ml
8) T Flouorene (C16.55)	9.442	2988713	21.980 ug/ml
9) T Phenanthrene (C19.36)	10.840	2931720	21.201 ug/ml
10) T Anthracene (C19.43)	10.915	2647796	20.762 ug/ml
12) T Fluoranthene (C21.85)	12.654	2863152	20.588 ug/ml
13) T Pyrene (C20.8)	12.951	2843006	20.494 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2472696	19.556 ug/ml
15) T Chrysene (C27.41)	14.864	2586198	19.711 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2518319	19.551 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2369459	19.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2422506	19.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	2180530	18.947 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	2280147	17.609 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	2433680	19.347 ug/ml

(f)=RT Delta > 1/2 Window

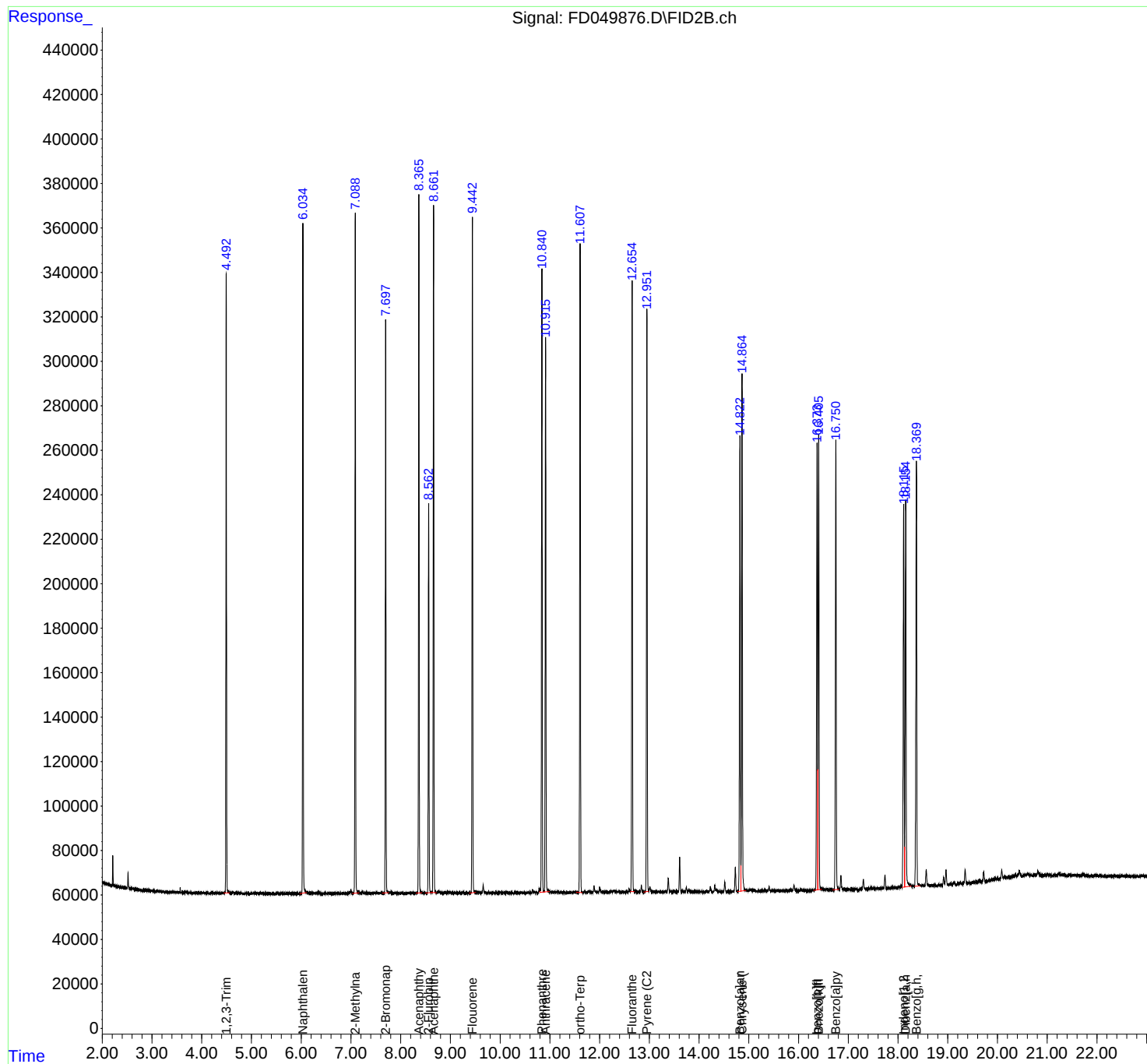
(m)=manual int.

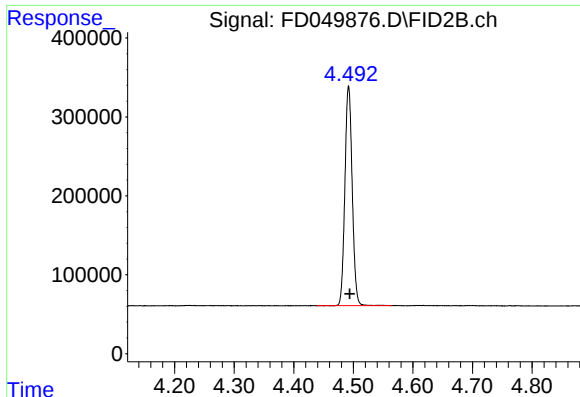
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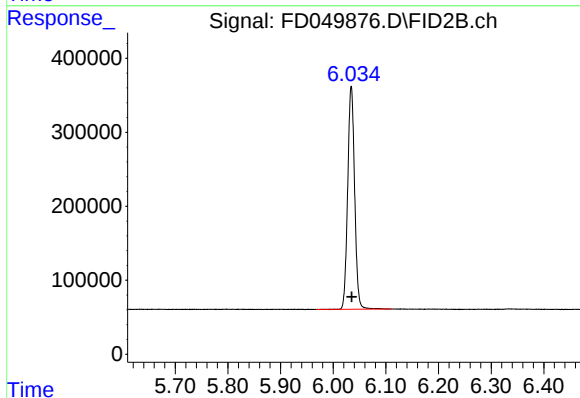




#1 1,2,3-Trimethylbenzene (C10.1)

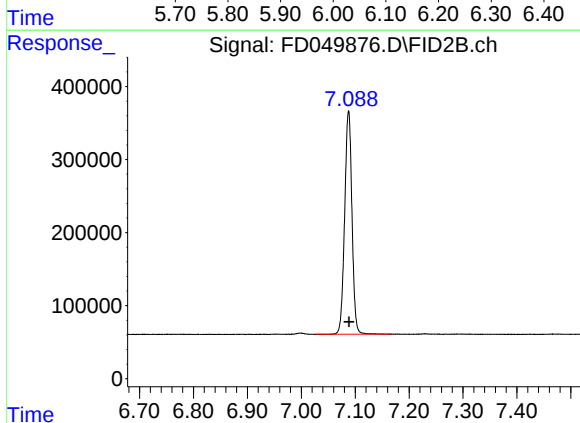
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 2375019
Conc: 21.64 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



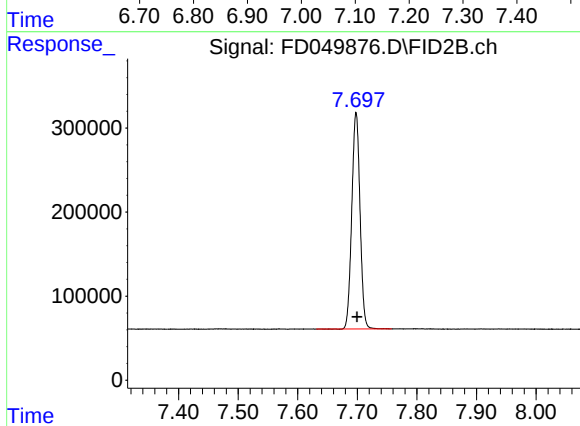
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 2755284
Conc: 22.17 ug/ml



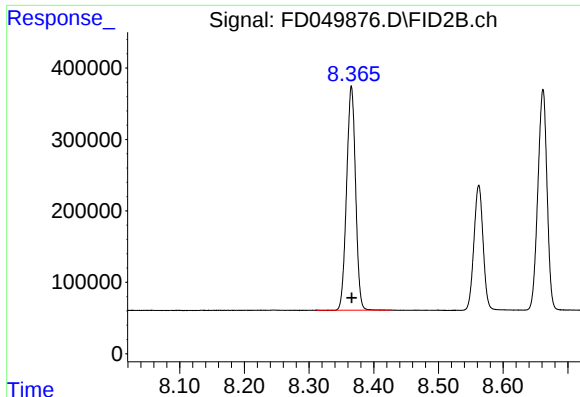
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2883706
Conc: 22.29 ug/ml



#4 2-Bromonaphthalene (SURR)

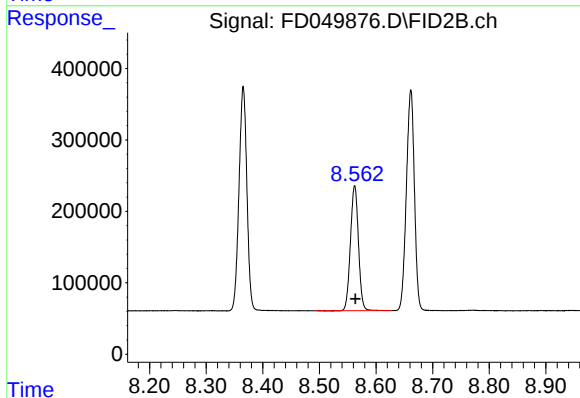
R.T.: 7.698 min
Delta R.T.: -0.001 min
Response: 2473891
Conc: 22.29 ug/ml



#5 Acenaphthylene (C15.06)

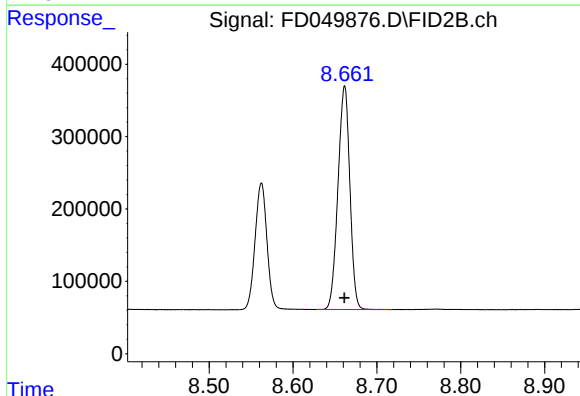
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 3030912
Conc: 22.26 ug/ml

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20 PPM AROMATIC HC STD



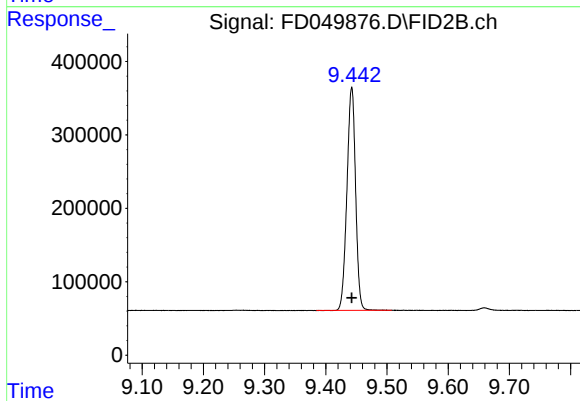
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.001 min
Response: 1718698
Conc: 21.94 ug/ml



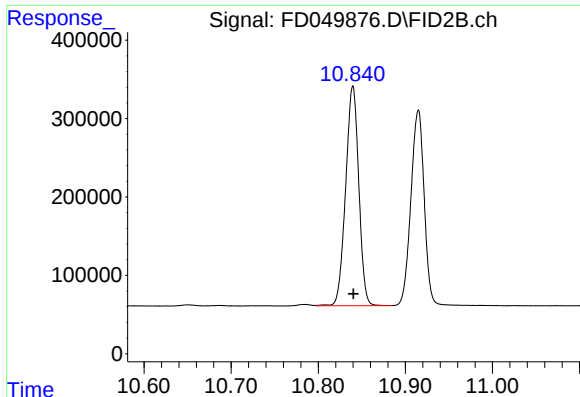
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 3047577
Conc: 22.36 ug/ml



#8 Fluorene (C16.55)

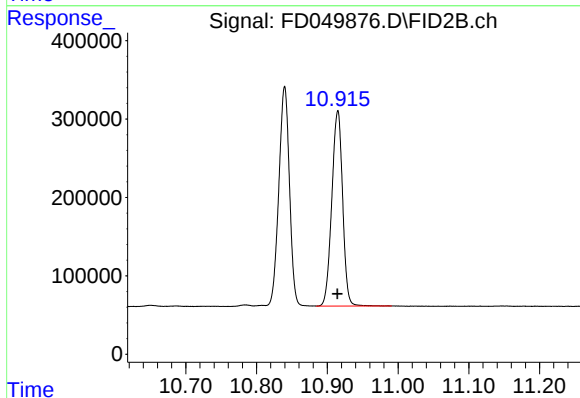
R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 2988713
Conc: 21.98 ug/ml



#9 Phenanthrene (C19.36)

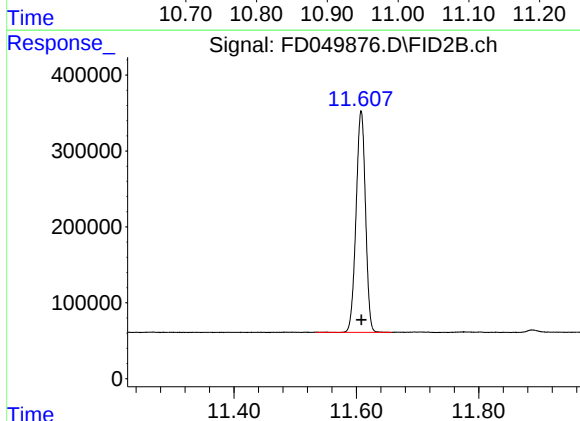
R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 2931720
Conc: 21.20 ug/ml

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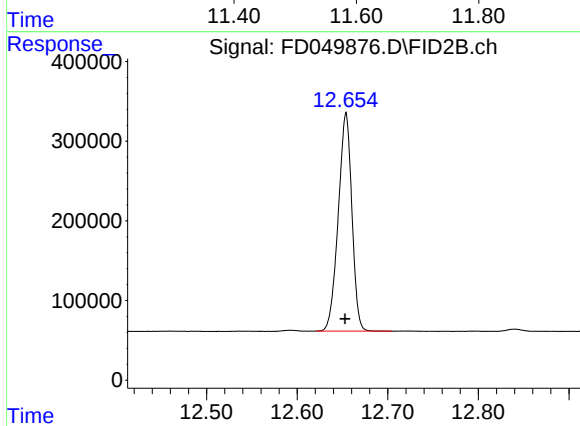
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 2647796
Conc: 20.76 ug/ml



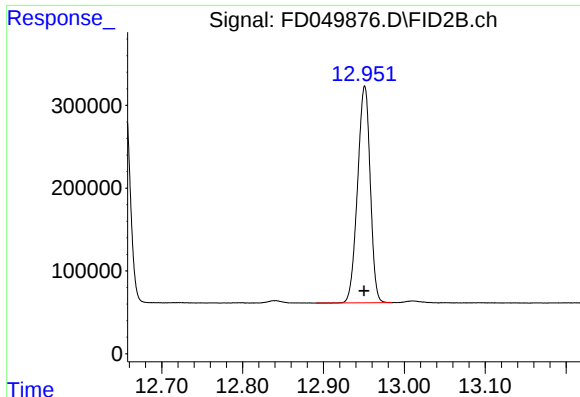
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 3112290
Conc: 21.98 ug/ml



#12 Fluoranthene (C21.85)

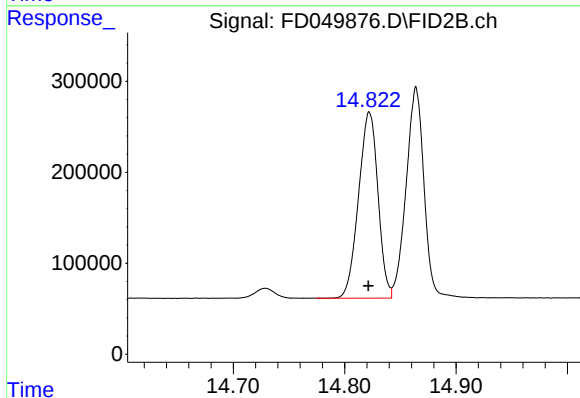
R.T.: 12.654 min
Delta R.T.: 0.000 min
Response: 2863152
Conc: 20.59 ug/ml



#13 Pyrene (C20.8)

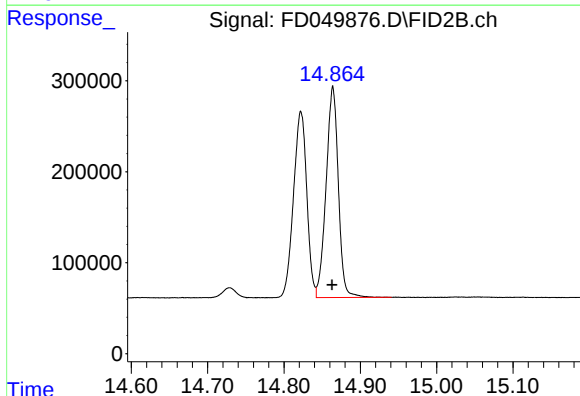
R.T.: 12.951 min
Delta R.T.: 0.000 min
Response: 2843006
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



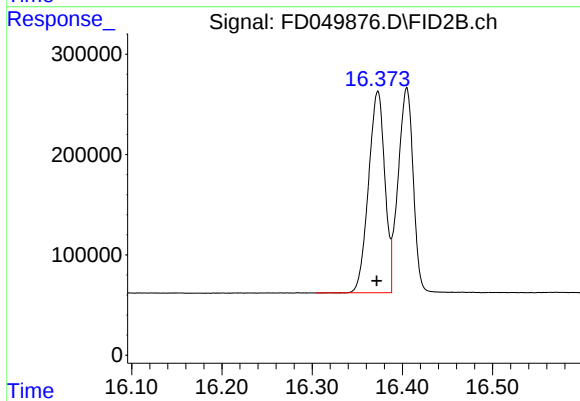
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2472696
Conc: 19.56 ug/ml



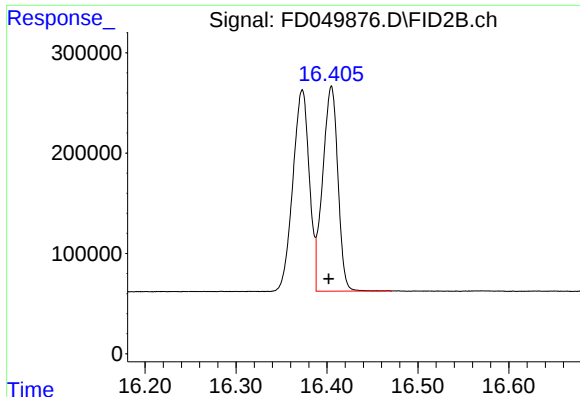
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: 0.001 min
Response: 2586198
Conc: 19.71 ug/ml



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

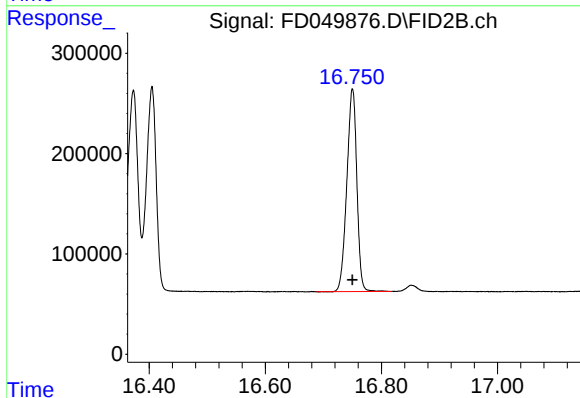
R.T.: 16.373 min
Delta R.T.: 0.001 min
Response: 2518319
Conc: 19.55 ug/ml



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

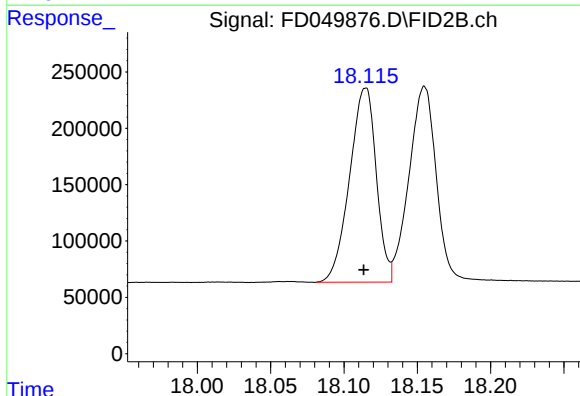
R.T.: 16.405 min
Delta R.T.: 0.003 min
Response: 2369459
Conc: 19.47 ug/ml

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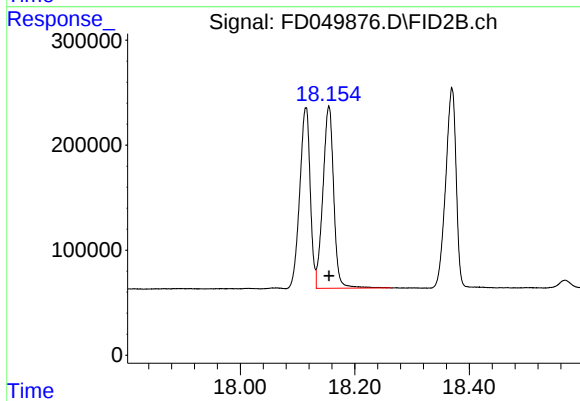
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.000 min
Response: 2422506
Conc: 19.34 ug/ml



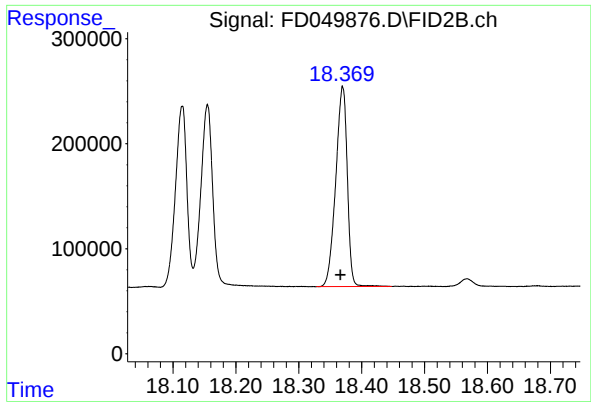
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.114 min
Delta R.T.: 0.000 min
Response: 2180530
Conc: 18.95 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 2280147
Conc: 17.61 ug/ml



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

R.T.: 18.370 min
Delta R.T.: 0.003 min
Response: 2433680
Conc: 19.35 ug/ml

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