

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049765.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 09:09
 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: Sep 29 00:20:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	2318618	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
6) S 2-Fluorobiphenyl (SURR)	8.562	1672243	20.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.66%
11) S ortho-Terphenyl (SURR)	11.610	2989375	21.129 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2148971	19.943 ug/ml
2) T Naphthalene (C11.7)	6.032	2537225	20.402 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	2688970	20.632 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2842750	20.504 ug/ml
7) T Acenaphthene (C15.5)	8.661	2852514	20.577 ug/ml
8) T Flouorene (C16.55)	9.443	2888328	20.822 ug/ml
9) T Phenanthrene (C19.36)	10.841	2922353	20.978 ug/ml
10) T Anthracene (C19.43)	10.916	2689115	20.366 ug/ml
12) T Fluoranthene (C21.85)	12.656	2872920	21.333 ug/ml
13) T Pyrene (C20.8)	12.954	2843506	21.376 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2521711	21.087 ug/ml
15) T Chrysene (C27.41)	14.869	2569554	21.122 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2490579	20.778 ug/ml
17) T Bnezo[k]fluoranthene ...	16.410	2333879	20.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	2397086	20.427 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.121	2177463	20.015 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2365296	20.757 ug/ml
21) T Benzo[g,h,i]perylene ...	18.377	2337695	20.091 ug/ml

(f)=RT Delta > 1/2 Window

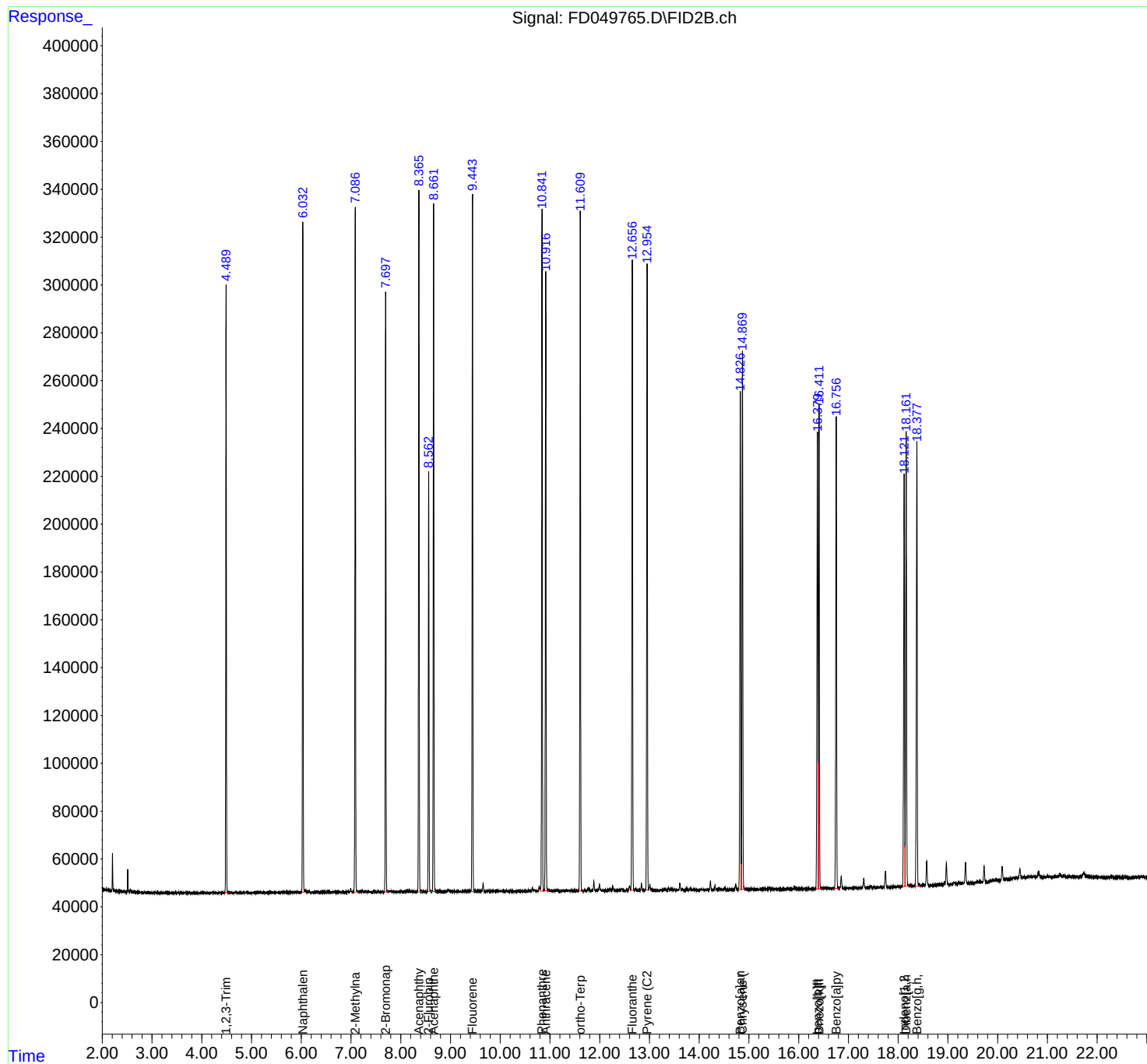
(m)=manual int.

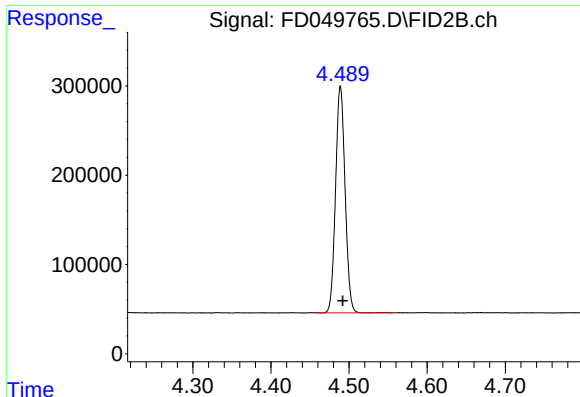
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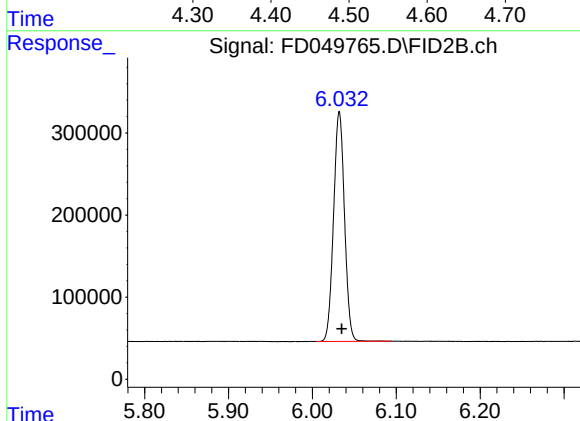




#1 1,2,3-Trimethylbenzene (C10.1)

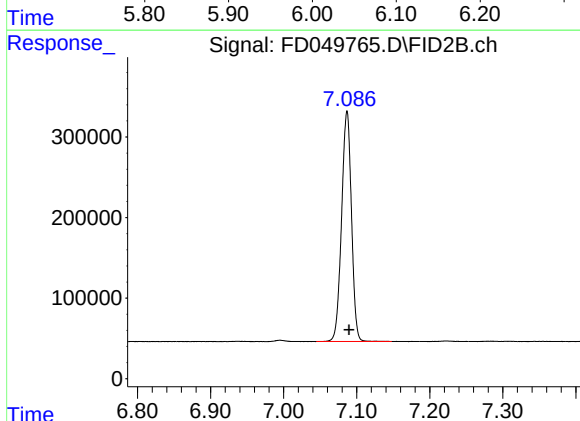
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 2148971
Conc: 19.94 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



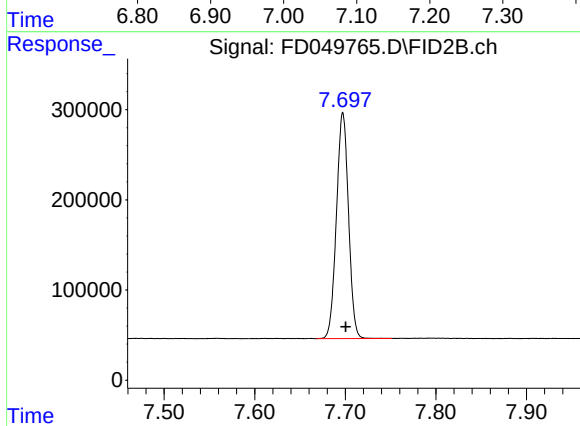
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 2537225
Conc: 20.40 ug/ml



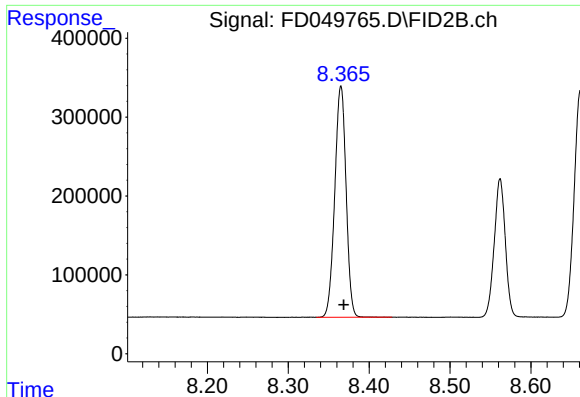
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 2688970
Conc: 20.63 ug/ml



#4 2-Bromonaphthalene (SURR)

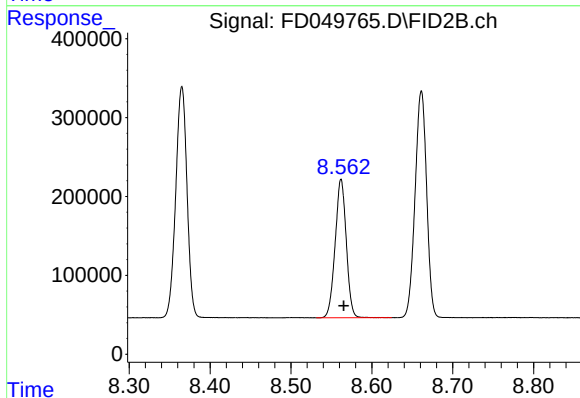
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 2318618
Conc: 20.62 ug/ml



#5 Acenaphthylene (C15.06)

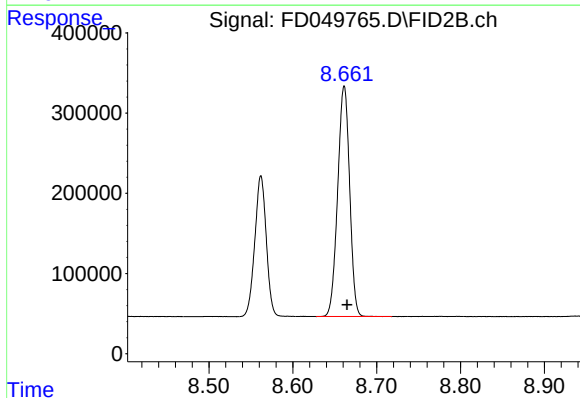
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 2842750
Conc: 20.50 ug/ml

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20 PPM AROMATIC HC STD



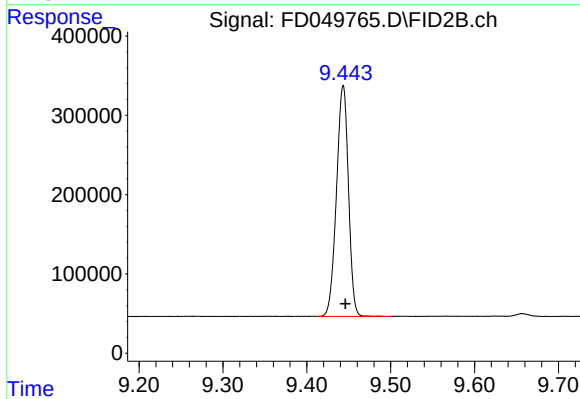
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 1672243
Conc: 20.83 ug/ml



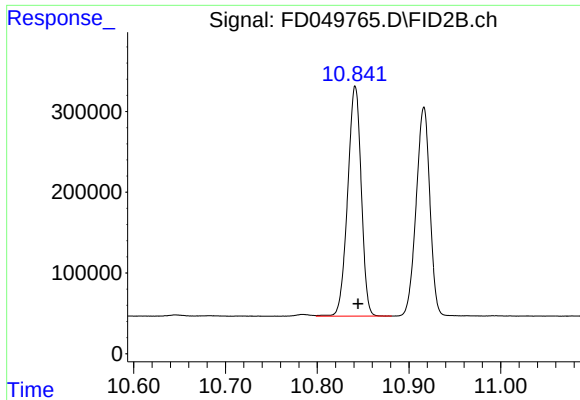
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 2852514
Conc: 20.58 ug/ml



#8 Fluorene (C16.55)

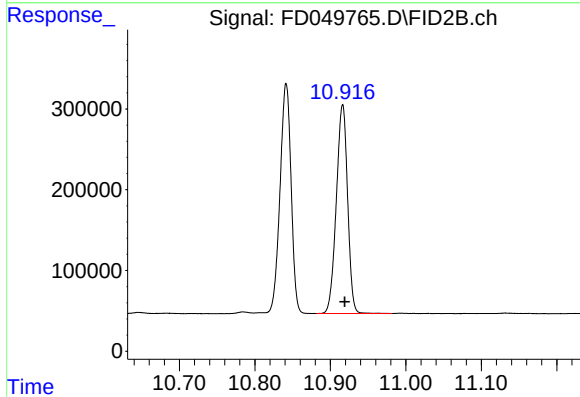
R.T.: 9.443 min
Delta R.T.: -0.003 min
Response: 2888328
Conc: 20.82 ug/ml



#9 Phenanthrene (C19.36)

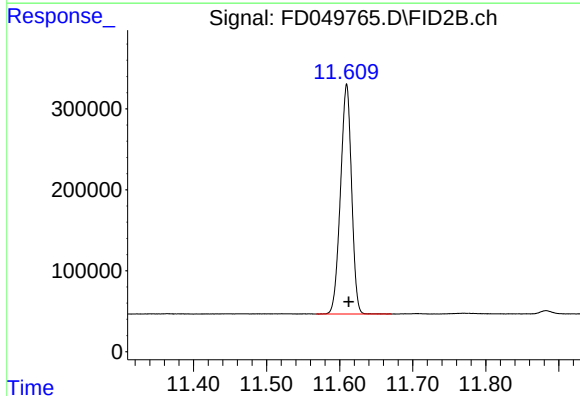
R.T.: 10.841 min
Delta R.T.: -0.003 min
Response: 2922353
Conc: 20.98 ug/ml

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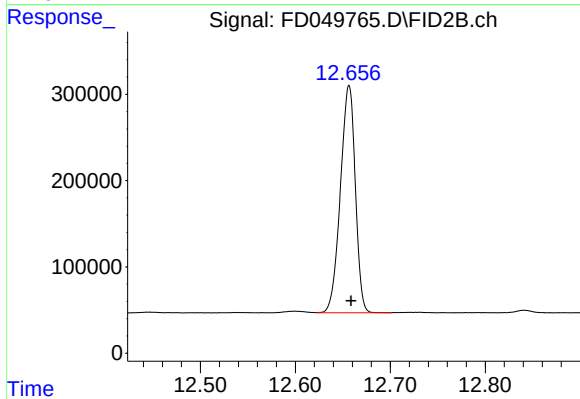
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: -0.003 min
Response: 2689115
Conc: 20.37 ug/ml



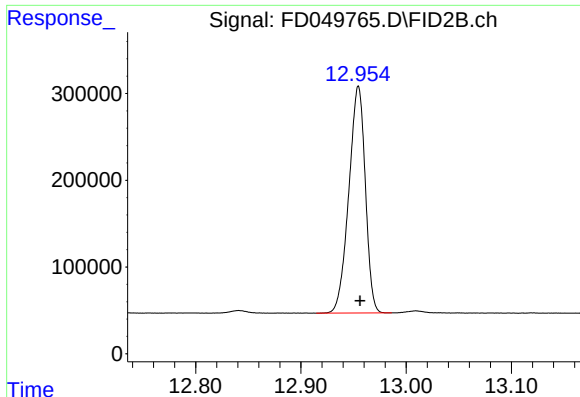
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.003 min
Response: 2989375
Conc: 21.13 ug/ml



#12 Fluoranthene (C21.85)

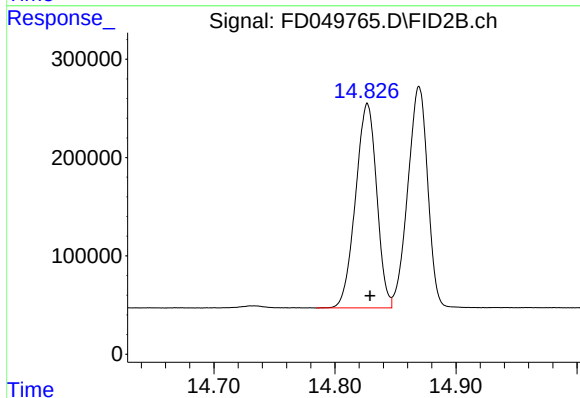
R.T.: 12.656 min
Delta R.T.: -0.002 min
Response: 2872920
Conc: 21.33 ug/ml



#13 Pyrene (C20.8)

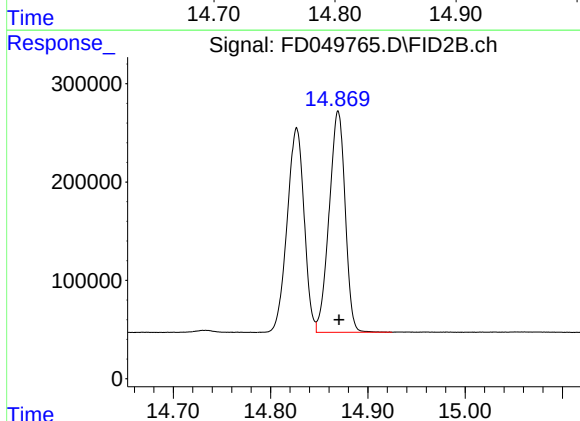
R.T.: 12.954 min
Delta R.T.: -0.002 min
Response: 2843506
Conc: 21.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



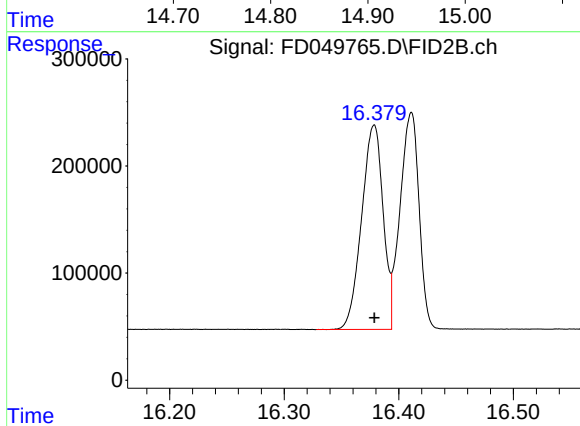
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: -0.002 min
Response: 2521711
Conc: 21.09 ug/ml



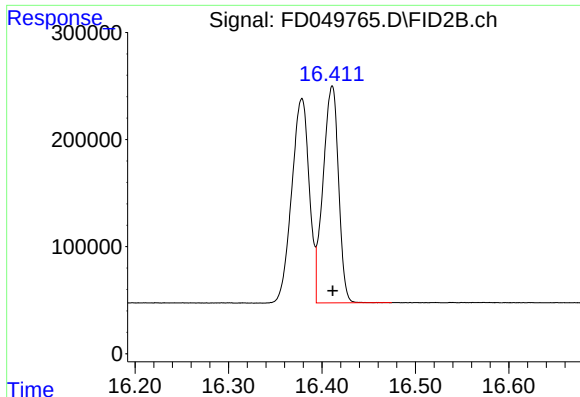
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: -0.001 min
Response: 2569554
Conc: 21.12 ug/ml



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

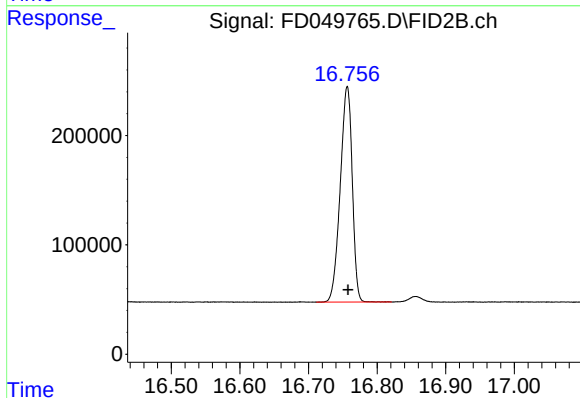
R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 2490579
Conc: 20.78 ug/ml



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

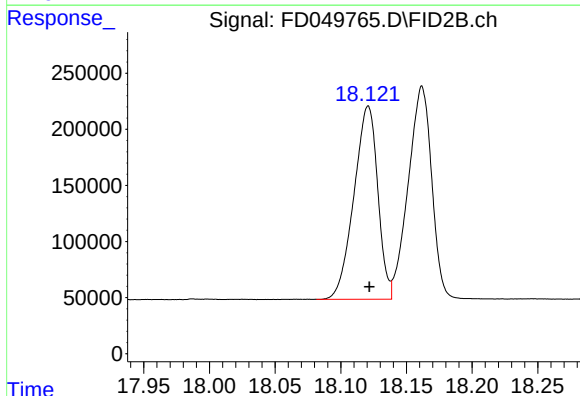
R.T.: 16.410 min
Delta R.T.: 0.000 min
Response: 2333879
Conc: 20.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



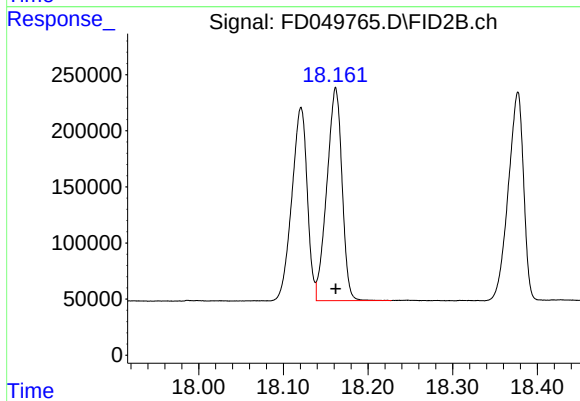
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: -0.001 min
Response: 2397086
Conc: 20.43 ug/ml



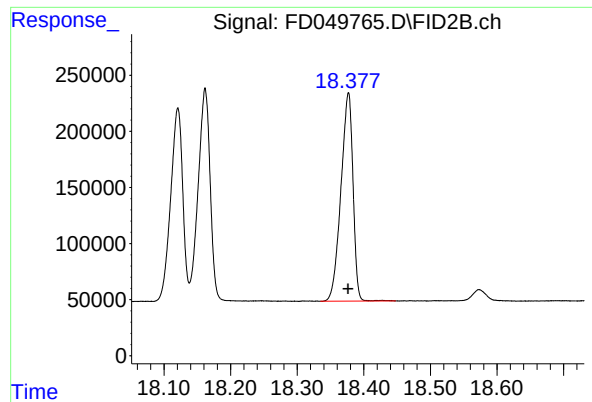
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.121 min
Delta R.T.: -0.001 min
Response: 2177463
Conc: 20.02 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.000 min
Response: 2365296
Conc: 20.76 ug/ml



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

R.T.: 18.377 min
Delta R.T.: 0.000 min
Response: 2337695
Conc: 20.09 ug/ml

Instrument :

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ClientSampleId :

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