

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
 Data File : FD049589.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2025 15:10
 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: sample.E
 Quant Time: Jul 24 03:48:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.732	2470600	18.883 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
6) S 2-Fluorobiphenyl (SURR)	8.597	1760033	18.994 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.99%
11) S ortho-Terphenyl (SURR)	11.641	3035971	18.516 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2424623	18.768 ug/ml
2) T Naphthalene (C11.7)	6.070	2683525	18.335 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	2694869	17.745 ug/ml
5) T Acenaphthylene (C15.06)	8.401	2925467	18.430 ug/ml
7) T Acenaphthene (C15.5)	8.697	2875075	18.159 ug/ml
8) T Flouorene (C16.55)	9.477	2984233	18.681 ug/ml
9) T Phenanthrene (C19.36)	10.875	3040991	18.565 ug/ml
10) T Anthracene (C19.43)	10.949	2637976	16.561 ug/ml
12) T Fluoranthene (C21.85)	12.688	3084742	18.978 ug/ml
13) T Pyrene (C20.8)	12.986	3100243	19.103 ug/ml
14) T Benzo[a]anthracene (C...	14.856	2829422	19.320 ug/ml
15) T Chrysene (C27.41)	14.898	2854842	19.183 ug/ml
16) T benzo[b]fluoranthene ...	16.406	2745206	19.375 ug/ml
17) T Bnezo[k]fluoranthene ...	16.439	2729134	20.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	2552939	18.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.149	2408630	19.231 ug/ml
20) T Dibenz[a,h]anthracene...	18.189	2611793	19.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	2559134	19.337 ug/ml

(f)=RT Delta > 1/2 Window

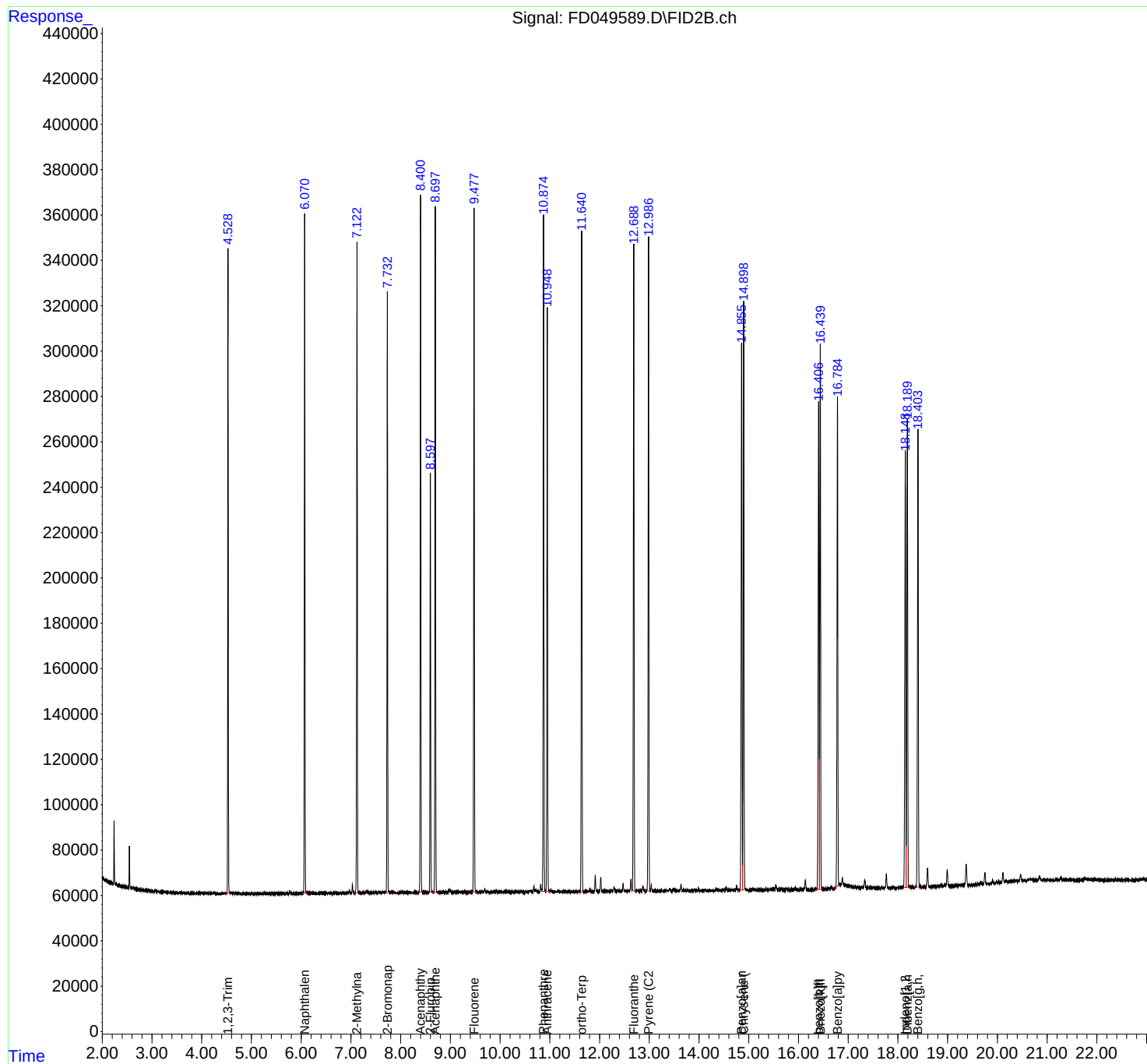
(m)=manual int.

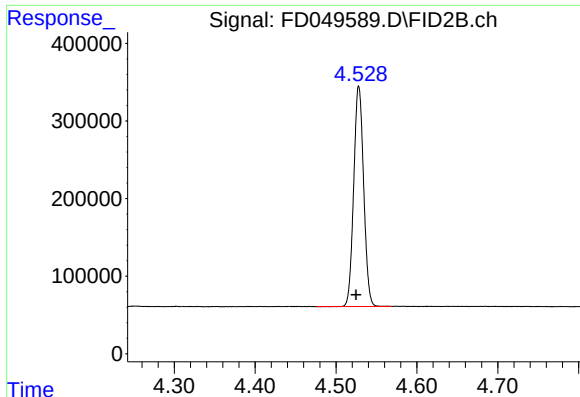
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
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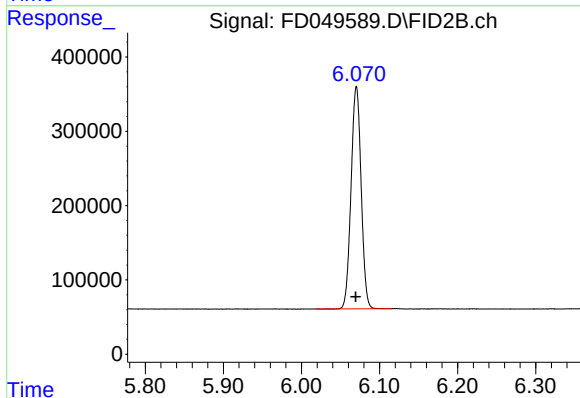




#1 1,2,3-Trimethylbenzene (C10.1)

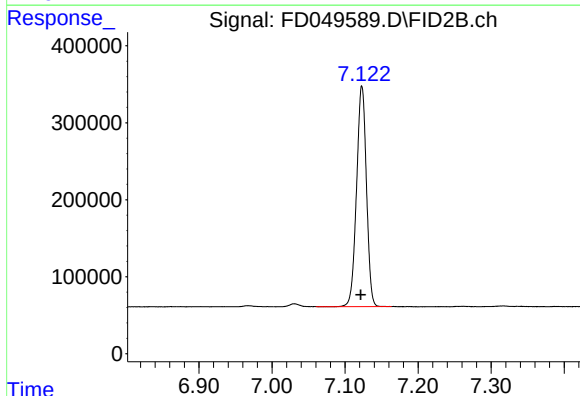
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 2424623
Conc: 18.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



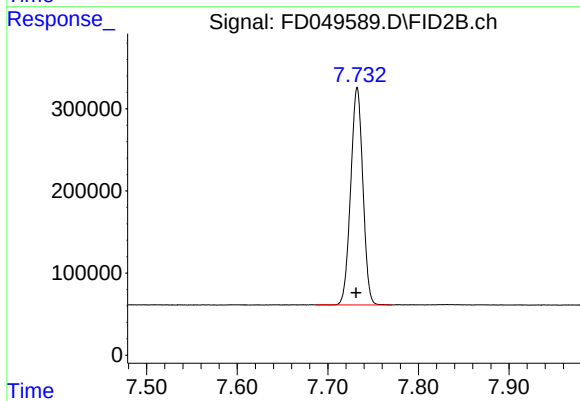
#2 Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 2683525
Conc: 18.34 ug/ml



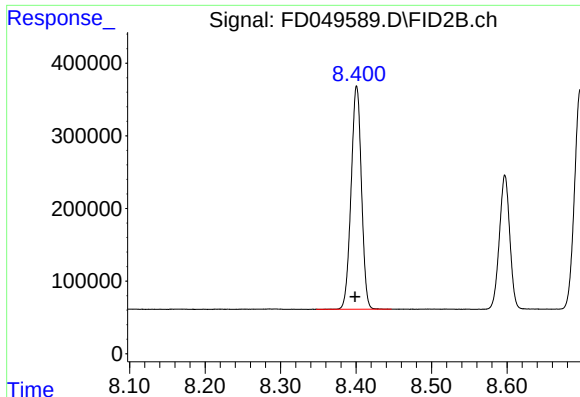
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.002 min
Response: 2694869
Conc: 17.75 ug/ml



#4 2-Bromonaphthalene (SURR)

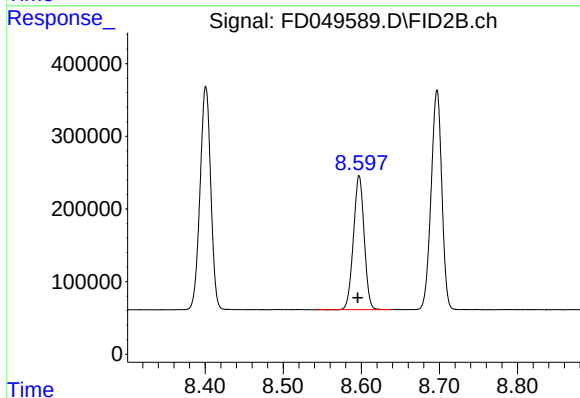
R.T.: 7.732 min
Delta R.T.: 0.001 min
Response: 2470600
Conc: 18.88 ug/ml



#5 Acenaphthylene (C15.06)

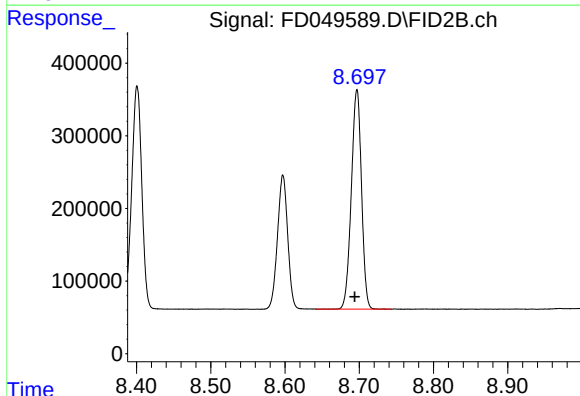
R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 2925467
Conc: 18.43 ug/ml

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20 PPM AROMATIC HC STD



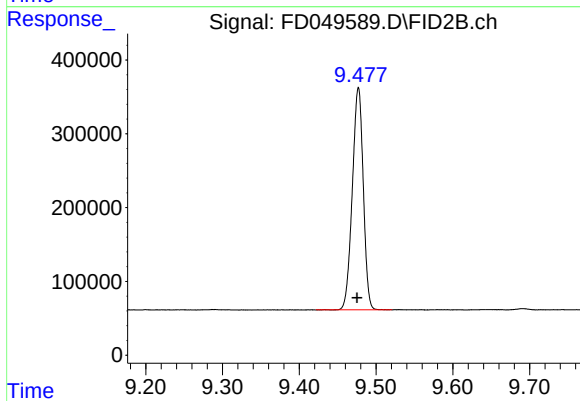
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: 0.002 min
Response: 1760033
Conc: 18.99 ug/ml



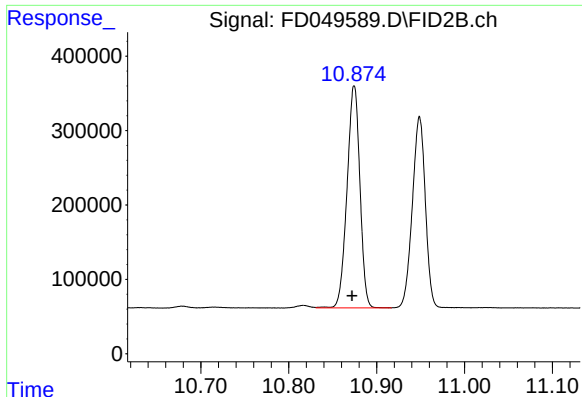
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2875075
Conc: 18.16 ug/ml



#8 Flouorene (C16.55)

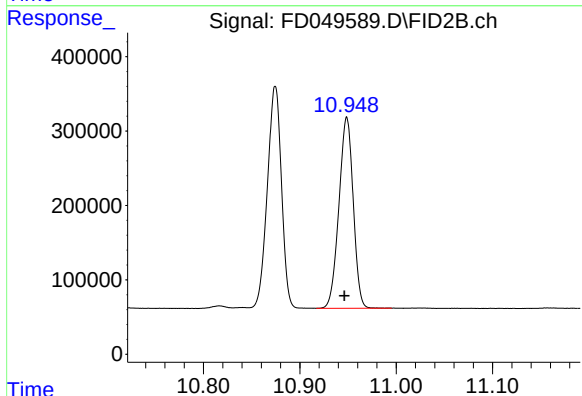
R.T.: 9.477 min
Delta R.T.: 0.002 min
Response: 2984233
Conc: 18.68 ug/ml



#9 Phenanthrene (C19.36)

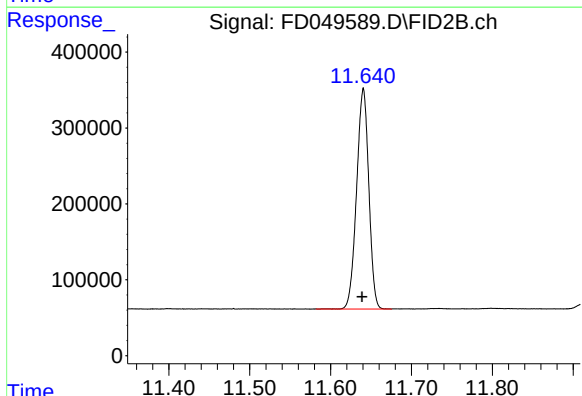
R.T.: 10.875 min
Delta R.T.: 0.002 min
Response: 3040991
Conc: 18.56 ug/ml

Instrument :
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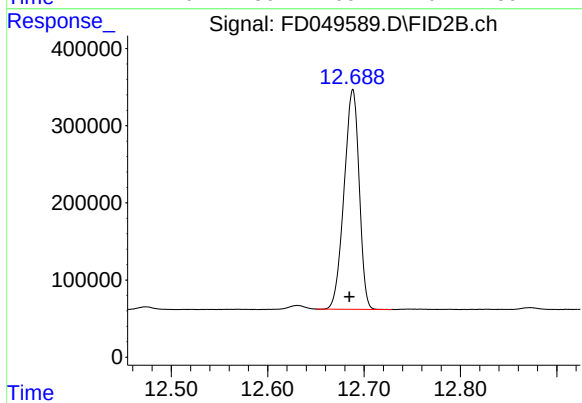
#10 Anthracene (C19.43)

R.T.: 10.949 min
Delta R.T.: 0.003 min
Response: 2637976
Conc: 16.56 ug/ml



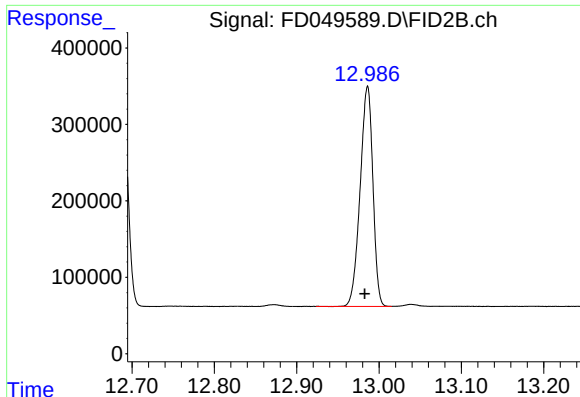
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: 0.002 min
Response: 3035971
Conc: 18.52 ug/ml



#12 Fluoranthene (C21.85)

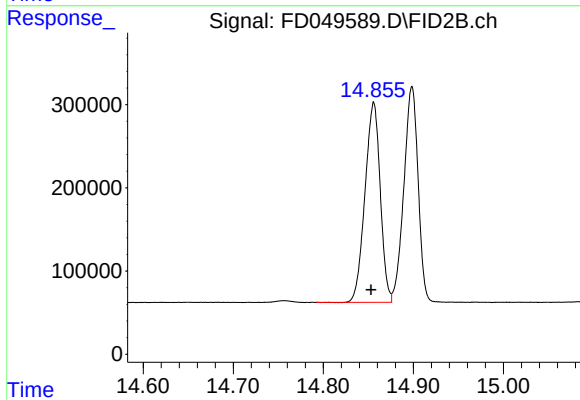
R.T.: 12.688 min
Delta R.T.: 0.004 min
Response: 3084742
Conc: 18.98 ug/ml



#13 Pyrene (C20.8)

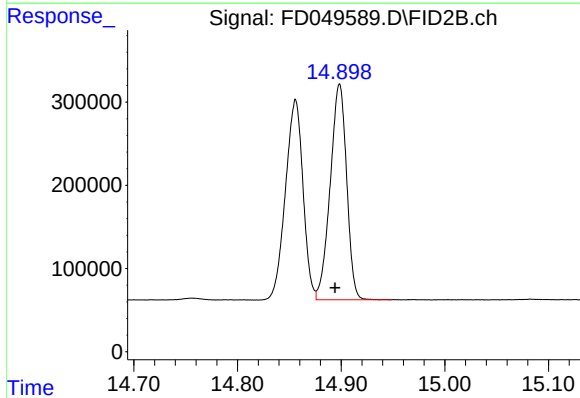
R.T.: 12.986 min
Delta R.T.: 0.004 min
Response: 3100243
Conc: 19.10 ug/ml

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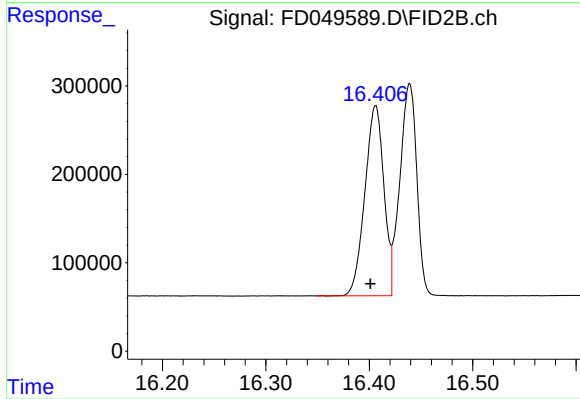
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.856 min
Delta R.T.: 0.003 min
Response: 2829422
Conc: 19.32 ug/ml



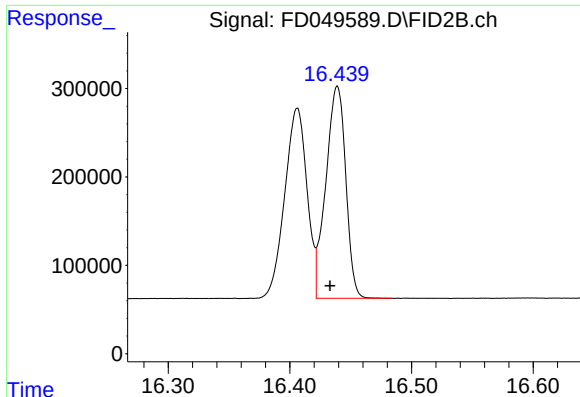
#15 Chrysene (C27.41)

R.T.: 14.898 min
Delta R.T.: 0.004 min
Response: 2854842
Conc: 19.18 ug/ml



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

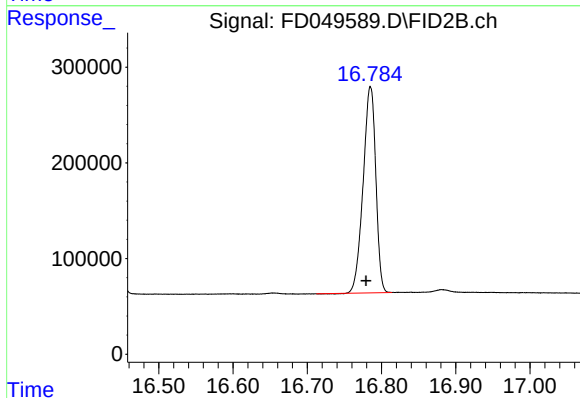
R.T.: 16.406 min
Delta R.T.: 0.005 min
Response: 2745206
Conc: 19.37 ug/ml



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

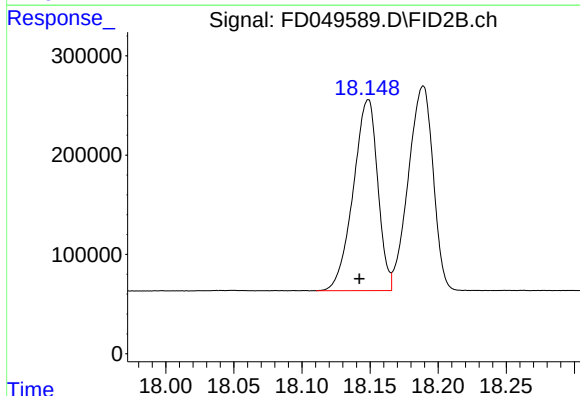
R.T.: 16.439 min
Delta R.T.: 0.006 min
Response: 2729134
Conc: 20.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



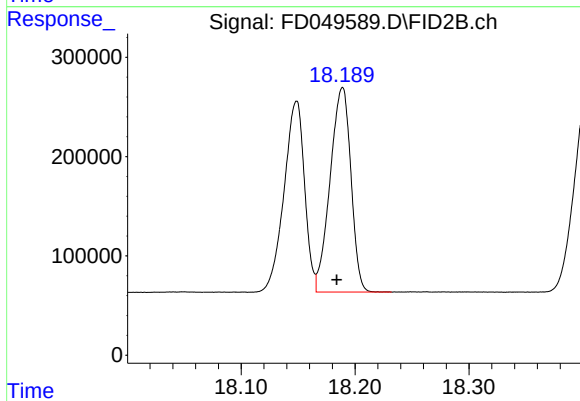
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.785 min
Delta R.T.: 0.006 min
Response: 2552939
Conc: 18.54 ug/ml



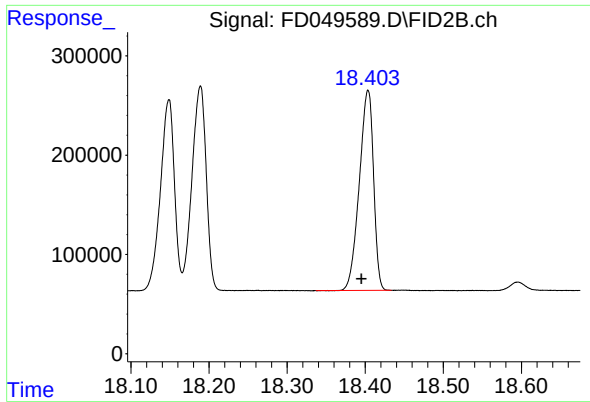
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.149 min
Delta R.T.: 0.006 min
Response: 2408630
Conc: 19.23 ug/ml



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

R.T.: 18.189 min
Delta R.T.: 0.005 min
Response: 2611793
Conc: 19.83 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.009 min
Response: 2559134
Conc: 19.34 ug/ml

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