

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082825AR\
 Data File : FD049690.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:40
 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: Aug 29 02:25:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2453621	23.941 ug/ml
Spiked Amount 50.000		Recovery =	47.88%
6) S 2-Fluorobiphenyl (SURR)	8.578	1734485	23.745 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.49%
11) S ortho-Terphenyl (SURR)	11.623	2898731	22.333 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2366235	23.377 ug/ml
2) T Naphthalene (C11.7)	6.049	2668061	23.269 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	2699074	22.626 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2915120	23.189 ug/ml
7) T Acenaphthene (C15.5)	8.677	2854850	22.705 ug/ml
8) T Flouorene (C16.55)	9.458	2926586	23.115 ug/ml
9) T Phenanthrene (C19.36)	10.856	2858952	22.132 ug/ml
10) T Anthracene (C19.43)	10.930	2551713	20.713 ug/ml
12) T Fluoranthene (C21.85)	12.671	2766860	21.613 ug/ml
13) T Pyrene (C20.8)	12.967	2732865	21.524 ug/ml
14) T Benzo[a]anthracene (C...	14.839	2366856	20.511 ug/ml
15) T Chrysene (C27.41)	14.882	2384426	20.365 ug/ml
16) T benzo[b]fluoranthene ...	16.389	2336548	20.544 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	2315747	21.633 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	2206029	19.886 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.131	2094437	20.319 ug/ml
20) T Dibenz[a,h]anthracene...	18.172	2144342	19.673 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	2261337	20.694 ug/ml

(f)=RT Delta > 1/2 Window

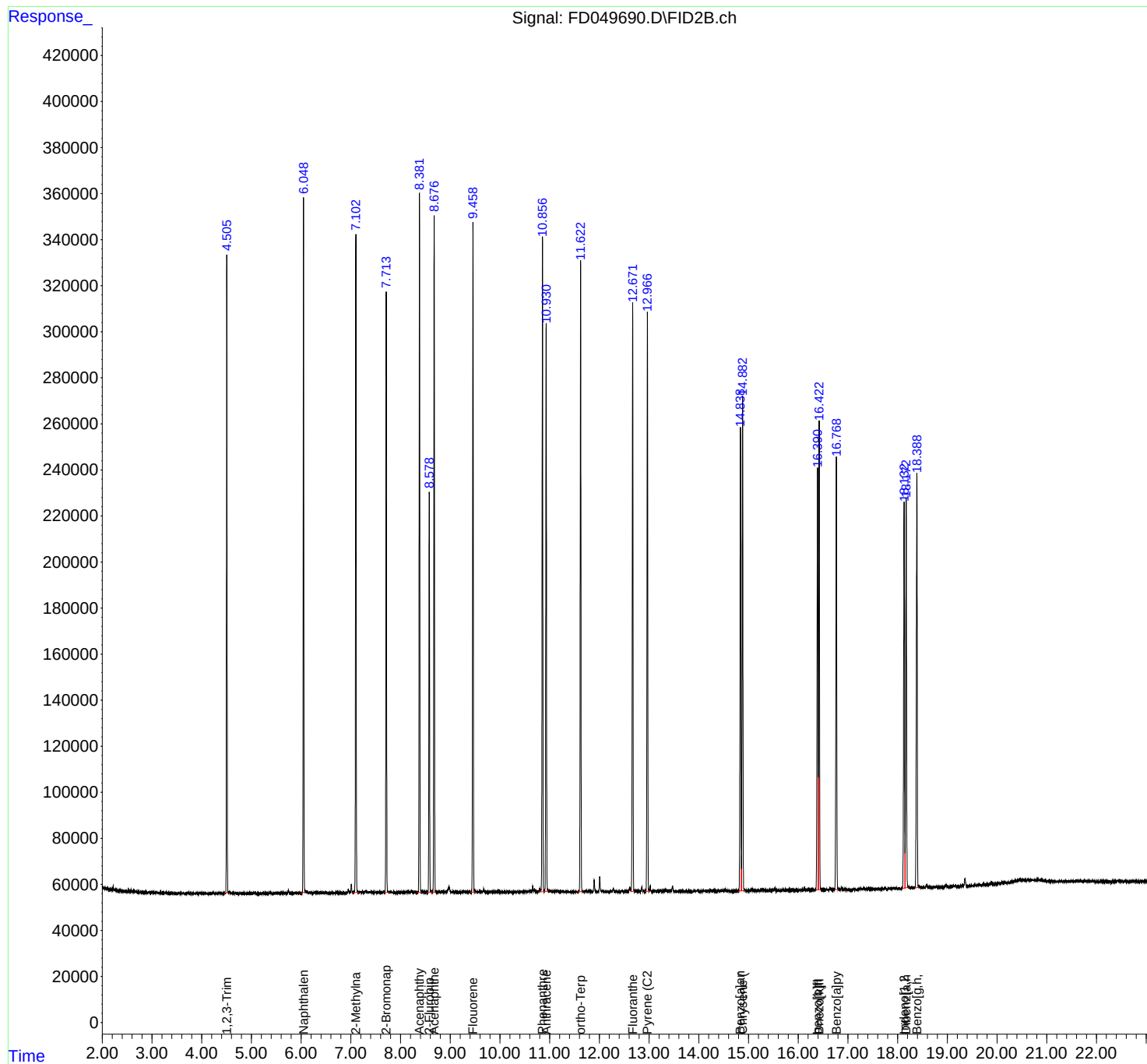
(m)=manual int.

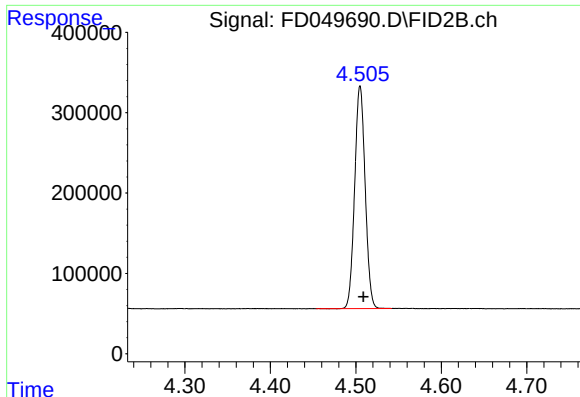
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

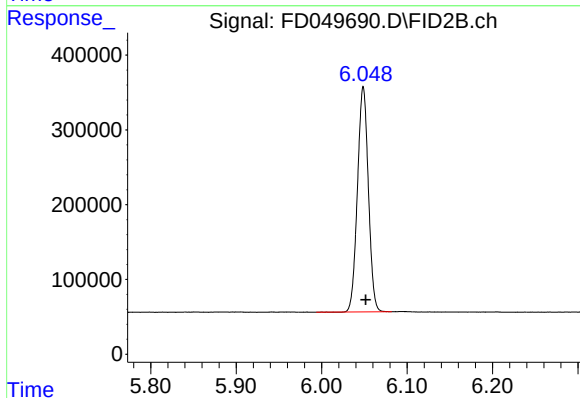




#1 1,2,3-Trimethylbenzene (C10.1)

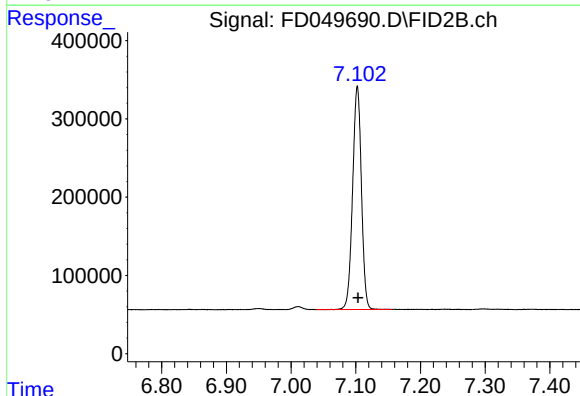
R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2366235
Conc: 23.38 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



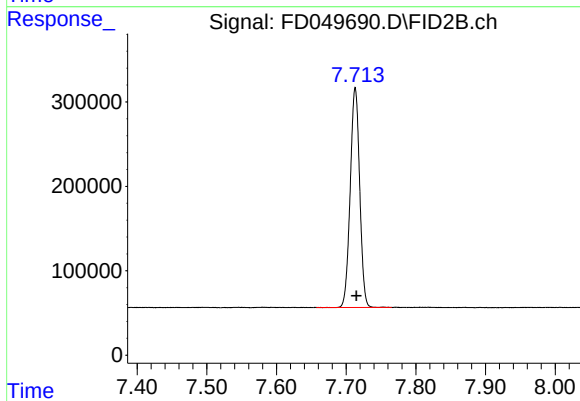
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2668061
Conc: 23.27 ug/ml



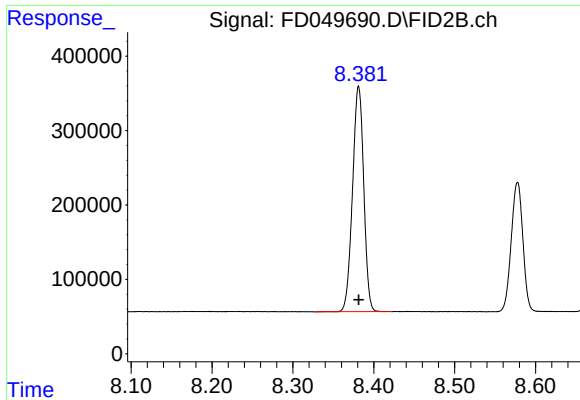
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 2699074
Conc: 22.63 ug/ml



#4 2-Bromonaphthalene (SURR)

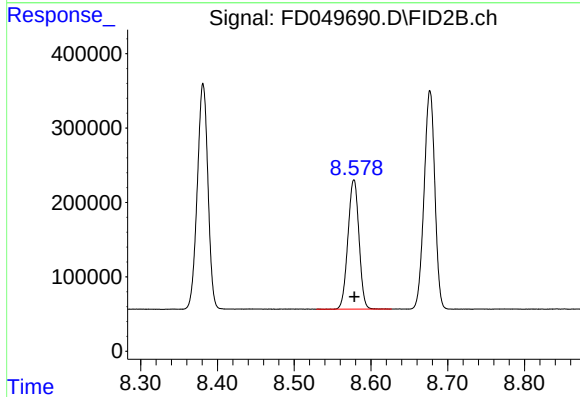
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2453621
Conc: 23.94 ug/ml



#5 Acenaphthylene (C15.06)

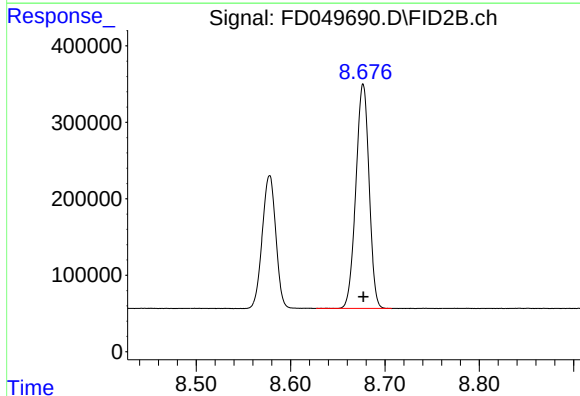
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2915120
Conc: 23.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



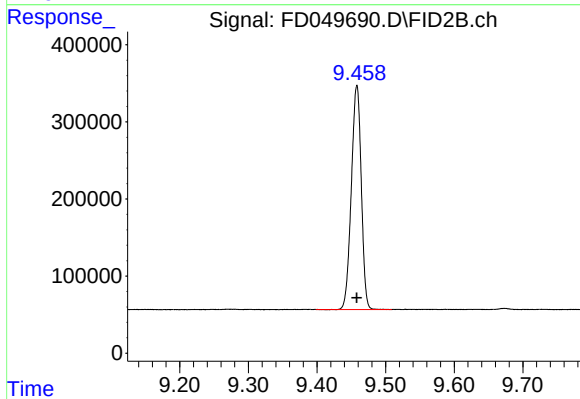
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1734485
Conc: 23.75 ug/ml



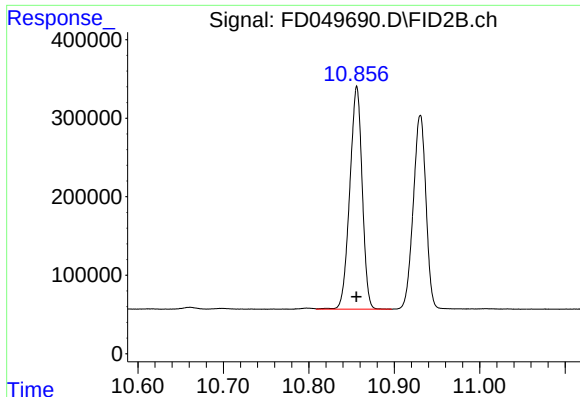
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2854850
Conc: 22.71 ug/ml



#8 Fluorene (C16.55)

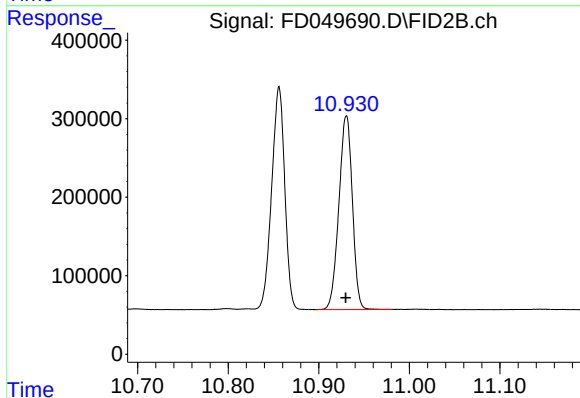
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 2926586
Conc: 23.12 ug/ml



#9 Phenanthrene (C19.36)

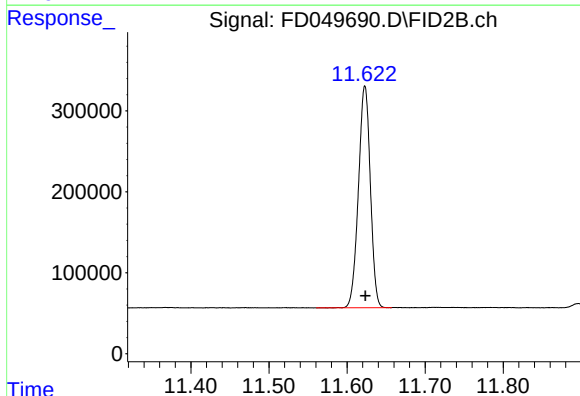
R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2858952
Conc: 22.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



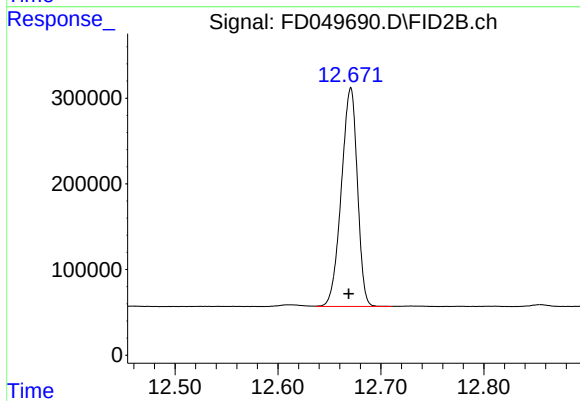
#10 Anthracene (C19.43)

R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 2551713
Conc: 20.71 ug/ml



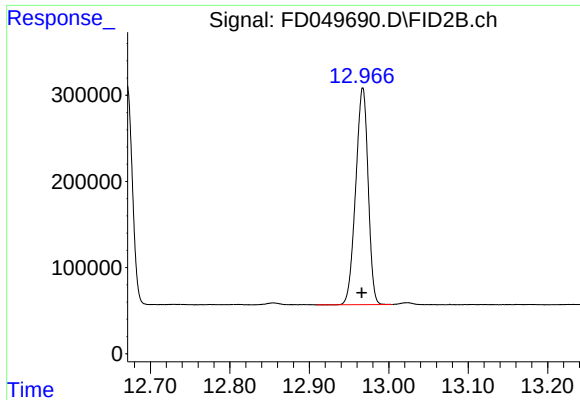
#11 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 2898731
Conc: 22.33 ug/ml



#12 Fluoranthene (C21.85)

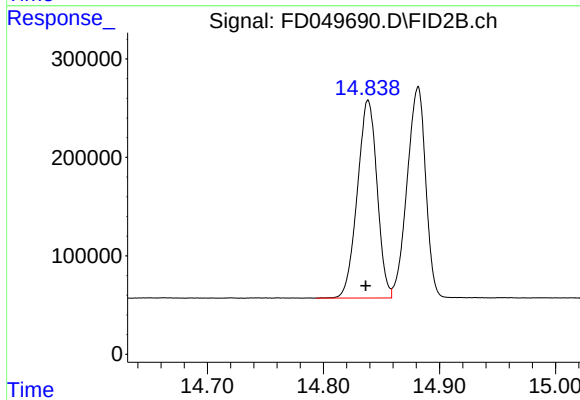
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2766860
Conc: 21.61 ug/ml



#13 Pyrene (C20.8)

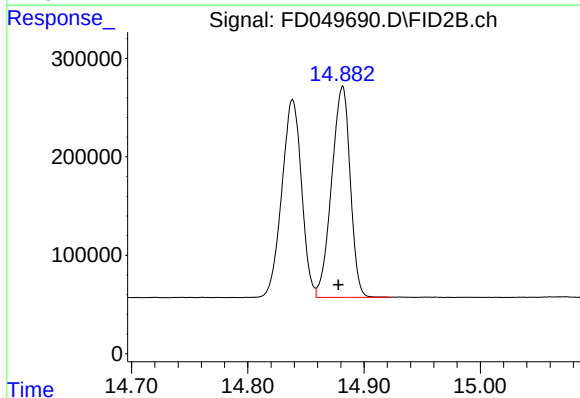
R.T.: 12.967 min
Delta R.T.: 0.001 min
Response: 2732865
Conc: 21.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



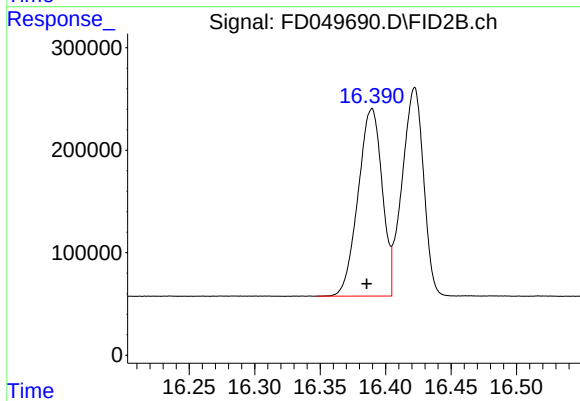
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.839 min
Delta R.T.: 0.002 min
Response: 2366856
Conc: 20.51 ug/ml



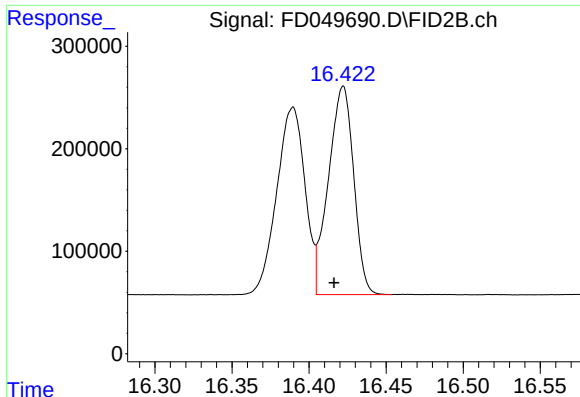
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.003 min
Response: 2384426
Conc: 20.37 ug/ml



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

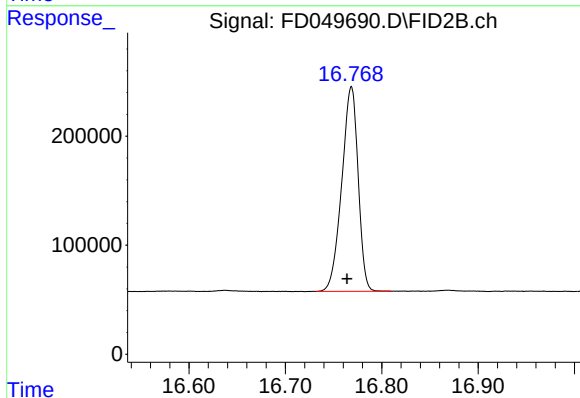
R.T.: 16.389 min
Delta R.T.: 0.004 min
Response: 2336548
Conc: 20.54 ug/ml



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

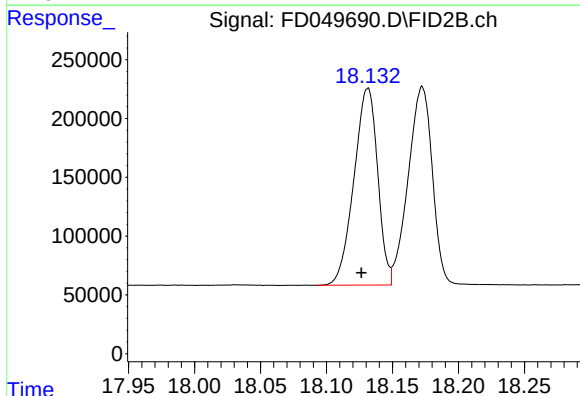
R.T.: 16.422 min
Delta R.T.: 0.006 min
Response: 2315747
Conc: 21.63 ug/ml

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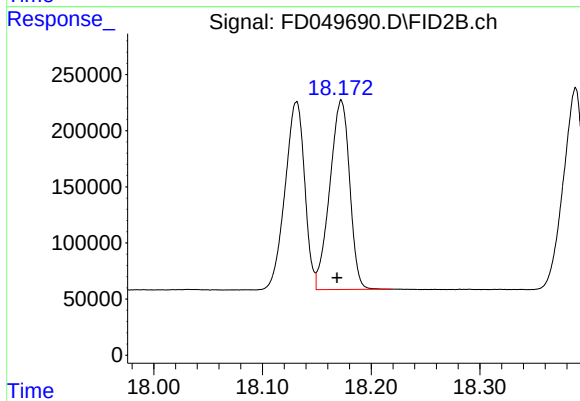
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.768 min
Delta R.T.: 0.004 min
Response: 2206029
Conc: 19.89 ug/ml



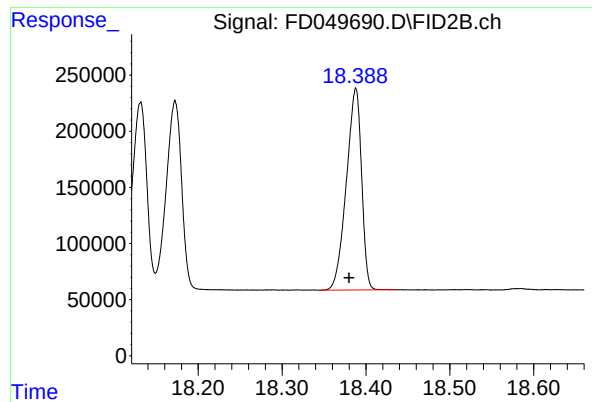
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.131 min
Delta R.T.: 0.005 min
Response: 2094437
Conc: 20.32 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 2144342
Conc: 19.67 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 2261337
Conc: 20.69 ug/ml

Instrument :

FID_D

ClientSampleId :

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