

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049607.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 12:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 11 12:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 12:28:11 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...	7.715	2055465	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.579	1459830	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.625	2595234	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	2030793	20.000 ug/ml
2) T Naphthalene (C11.7)	6.051	2292688	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	2388988	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.383	2515082	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.679	2511355	20.000 ug/ml
8) T Flouorene (C16.55)	9.460	2532761	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.858	2579454	20.000 ug/ml
10) T Anthracene (C19.43)	10.933	2472061	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.672	2566419	20.000 ug/ml
13) T Pyrene (C20.8)	12.969	2549759	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2315935	20.000 ug/ml
15) T Chrysene (C27.41)	14.883	2351504	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2279925	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2150720	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2229041	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2061894	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2181315	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2199279	20.000 ug/ml

(f)=RT Delta > 1/2 Window

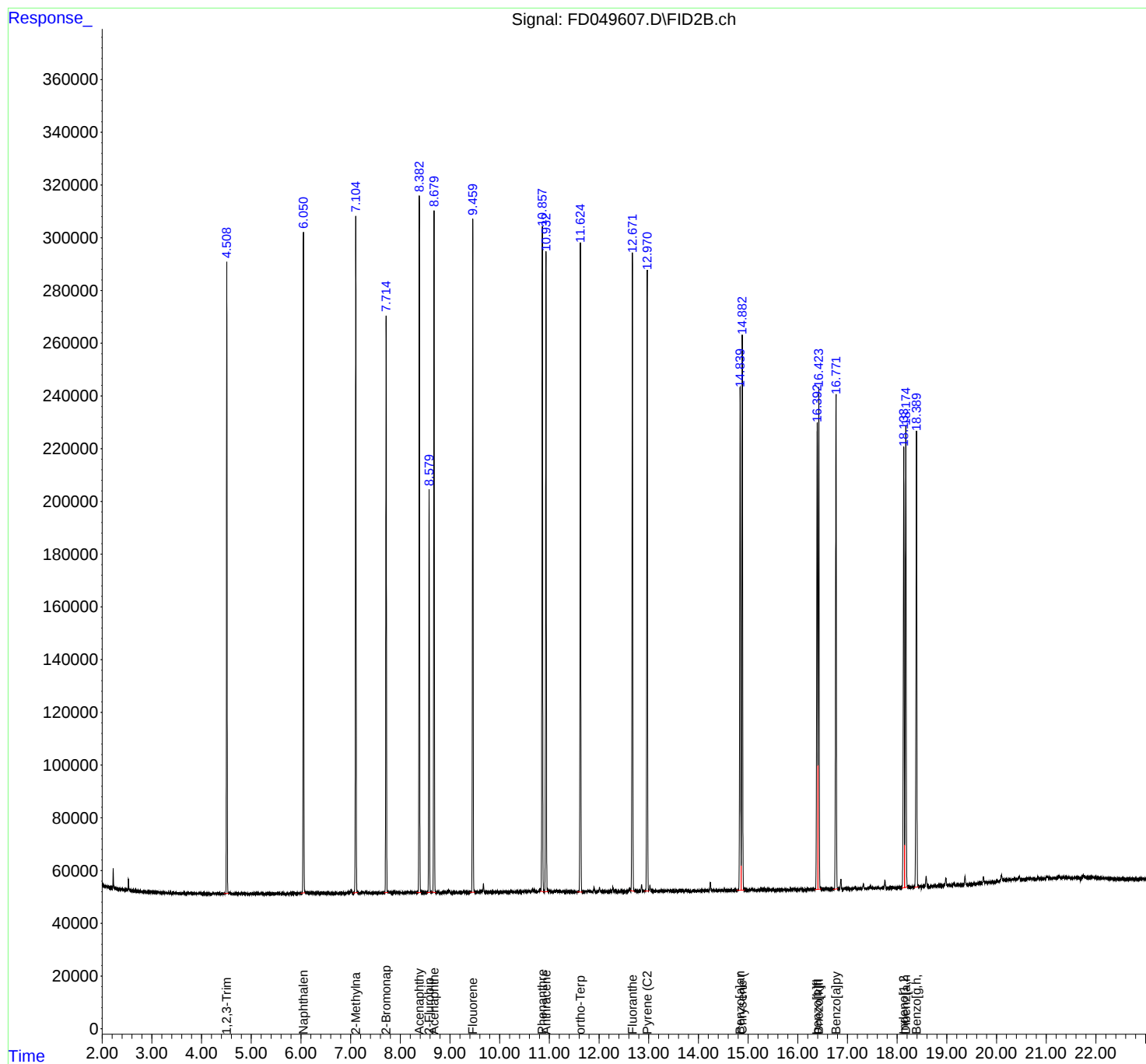
(m)=manual int.

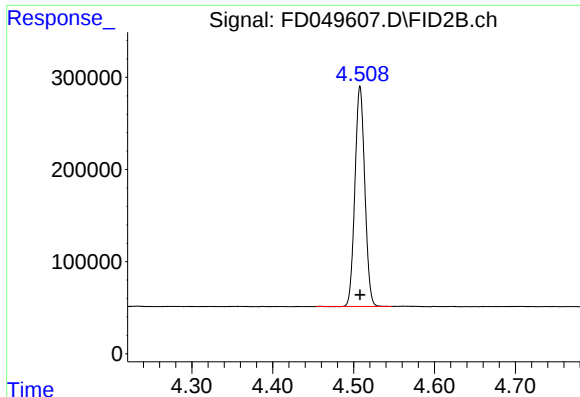
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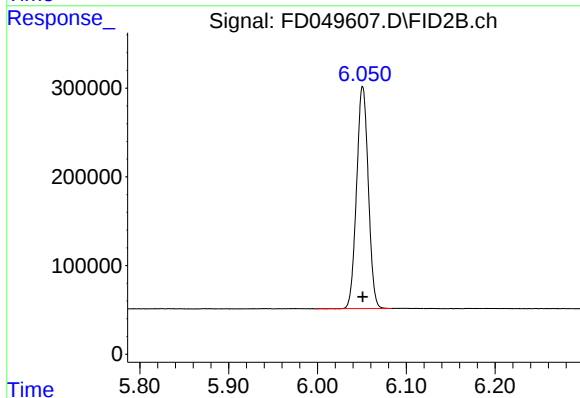




#1 1,2,3-Trimethylbenzene (C10.1)

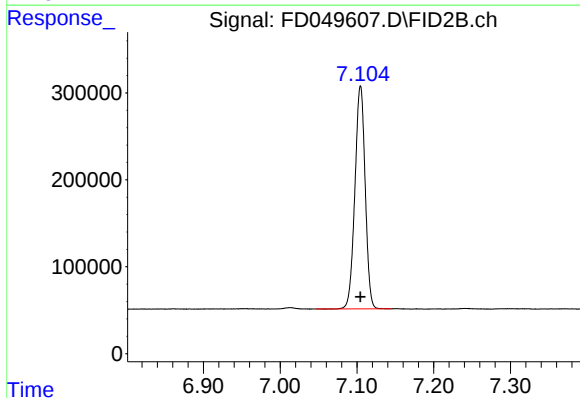
R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2030793
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



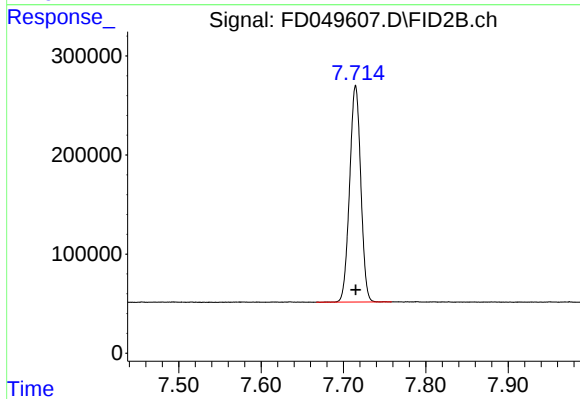
#2 Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 2292688
Conc: 20.00 ug/ml



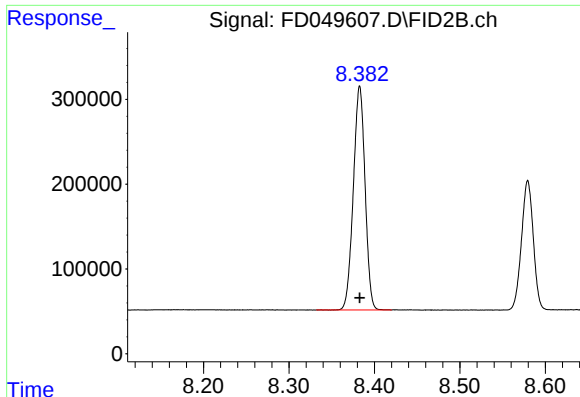
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 2388988
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

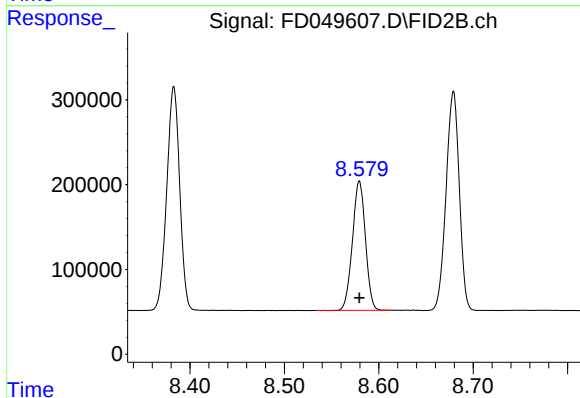
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 2055465
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

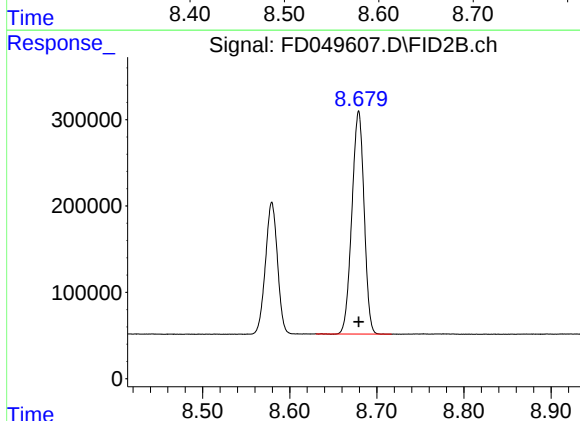
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 2515082
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



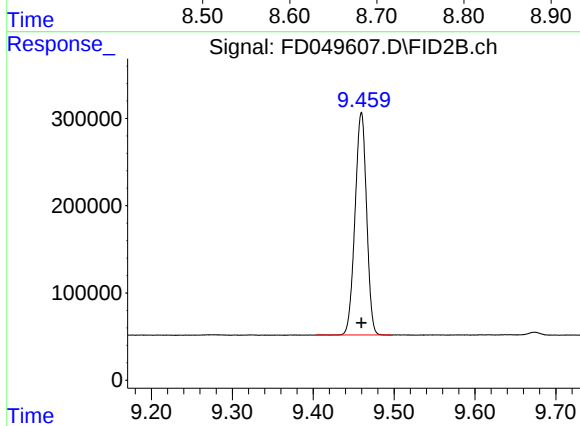
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1459830
Conc: 20.00 ug/ml



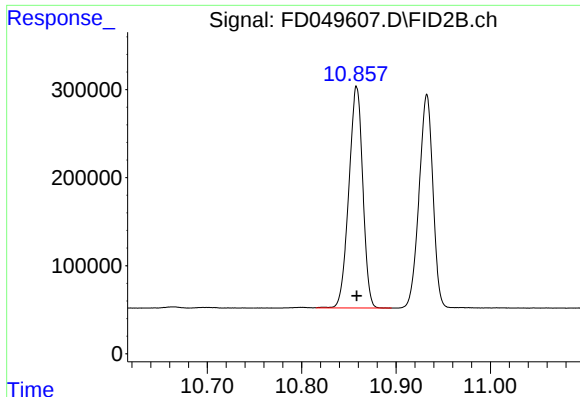
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 2511355
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

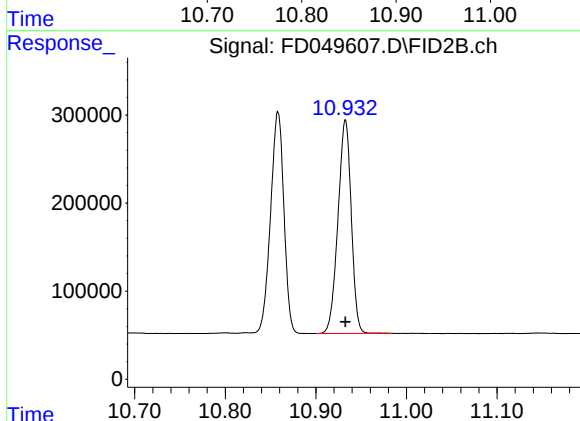
R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 2532761
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

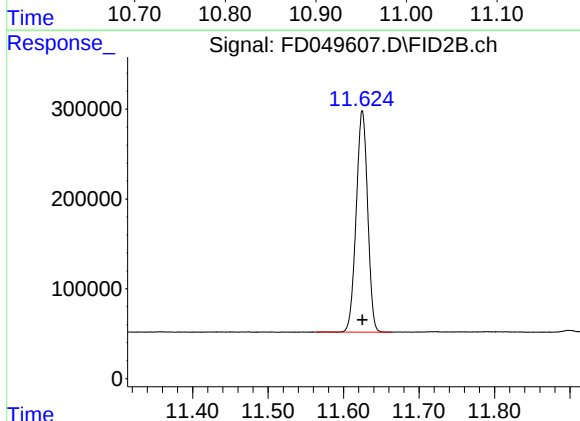
R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 2579454
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD3



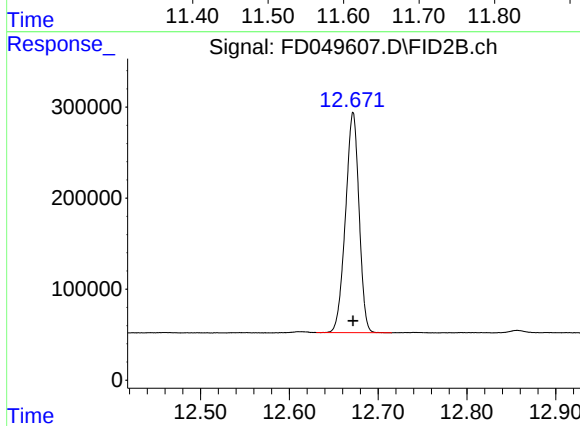
#10 Anthracene (C19.43)

R.T.: 10.933 min
Delta R.T.: 0.000 min
Response: 2472061
Conc: 20.00 ug/ml



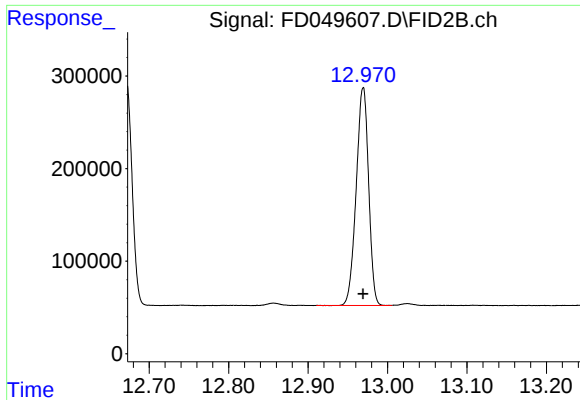
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2595234
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

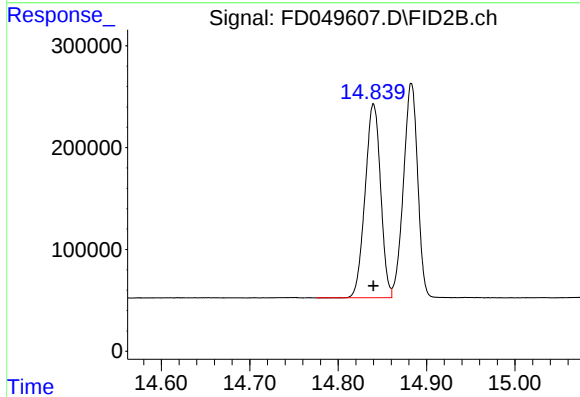
R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 2566419
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

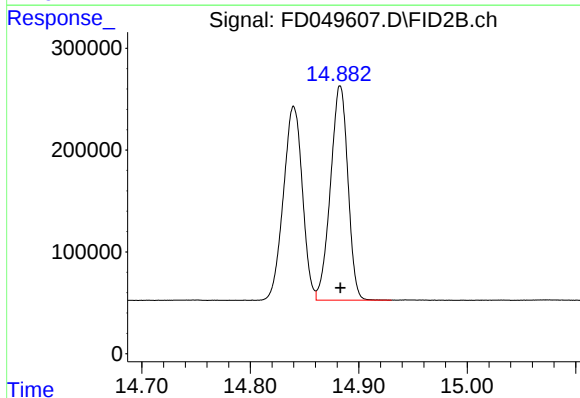
R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2549759
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



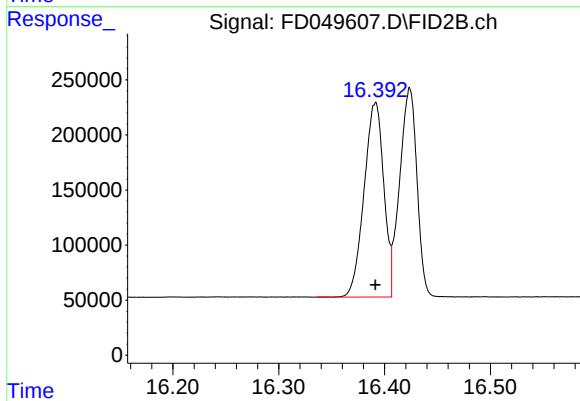
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.000 min
Response: 2315935
Conc: 20.00 ug/ml



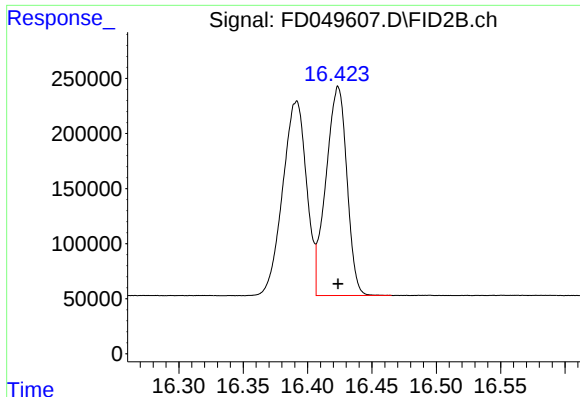
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.000 min
Response: 2351504
Conc: 20.00 ug/ml



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

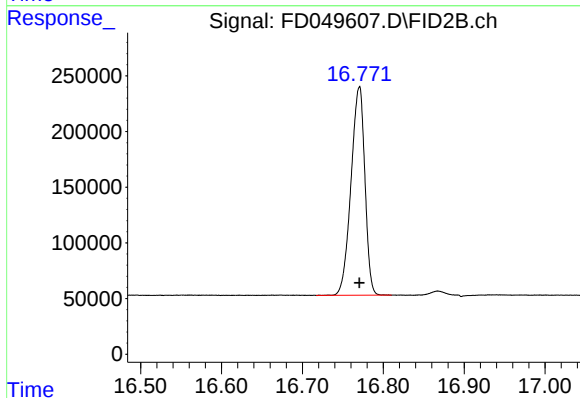
R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 2279925
Conc: 20.00 ug/ml



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

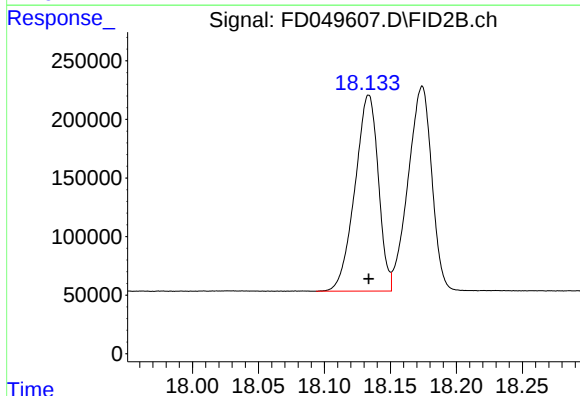
R.T.: 16.424 min
Delta R.T.: 0.000 min
Response: 2150720
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



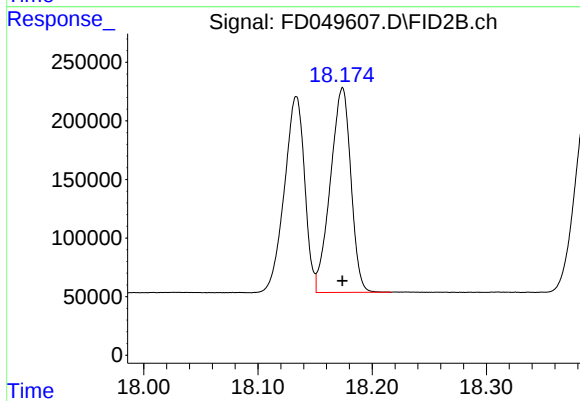
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 2229041
Conc: 20.00 ug/ml



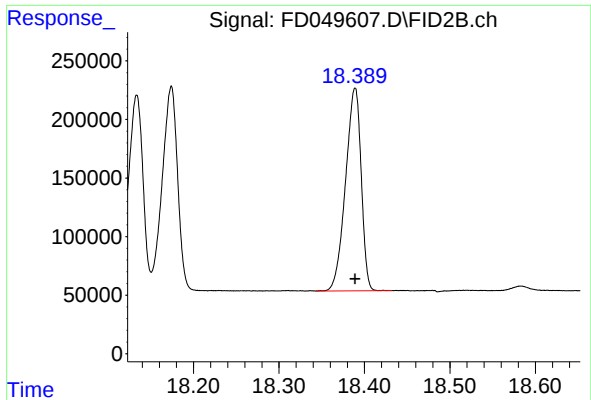
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 2061894
Conc: 20.00 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.000 min
Response: 2181315
Conc: 20.00 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.000 min
Response: 2199279
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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