

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049720.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 10:56
 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: Sep 05 06:21:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:18:55 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...	7.701	2254913	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.565	1622343	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.612	2865224	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2152601	20.000 ug/ml
2) T Naphthalene (C11.7)	6.035	2491010	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	2614218	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.369	2789202	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.665	2790447	20.000 ug/ml
8) T Flouorene (C16.55)	9.446	2804645	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.845	2839318	20.000 ug/ml
10) T Anthracene (C19.43)	10.919	2682635	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.659	2731115	20.000 ug/ml
13) T Pyrene (C20.8)	12.956	2698257	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2408933	20.000 ug/ml
15) T Chrysene (C27.41)	14.870	2440531	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.379	2415976	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2286971	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.758	2382359	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.122	2216312	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2352402	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.376	2383649	20.000 ug/ml

(f)=RT Delta > 1/2 Window

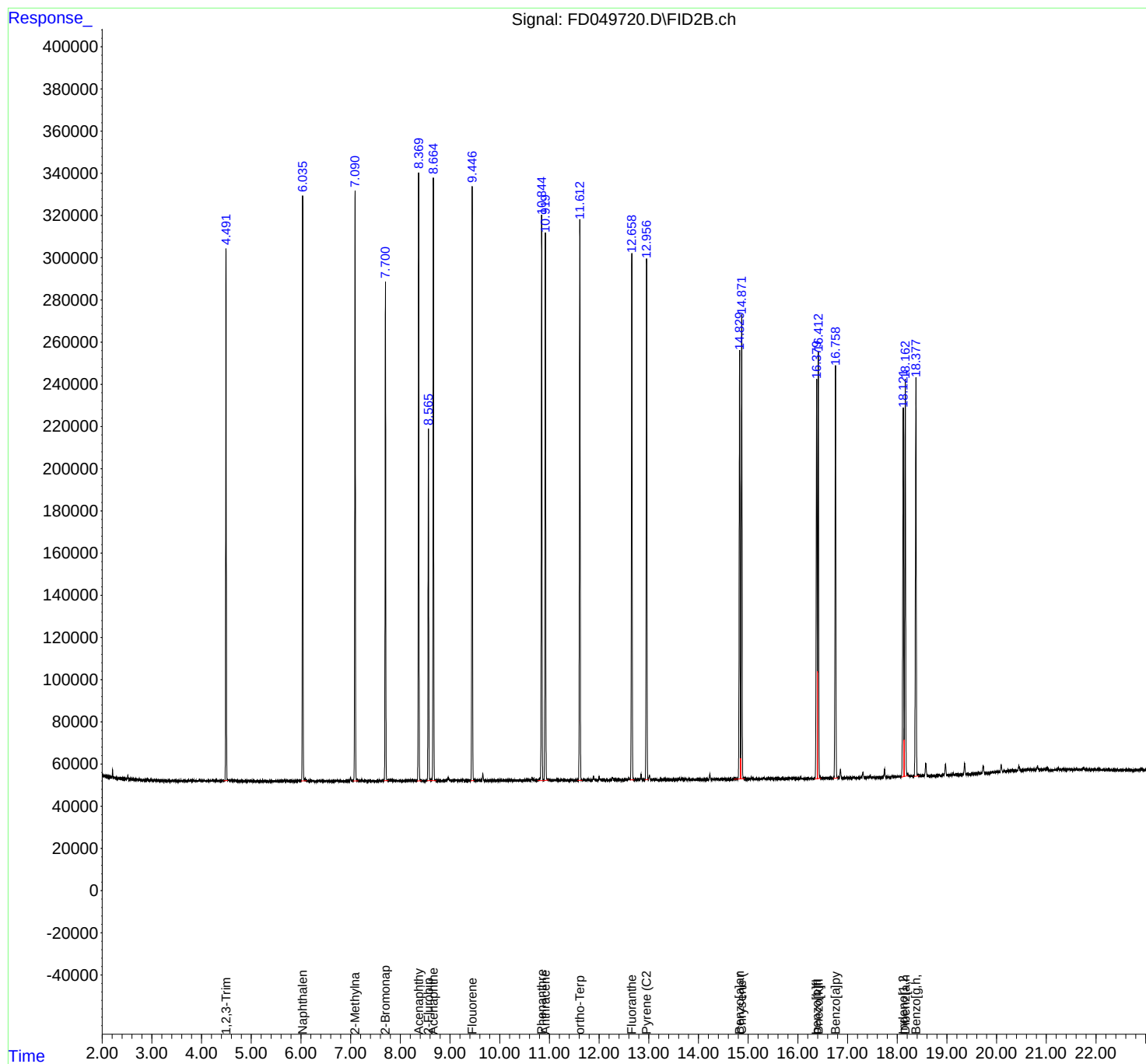
(m)=manual int.

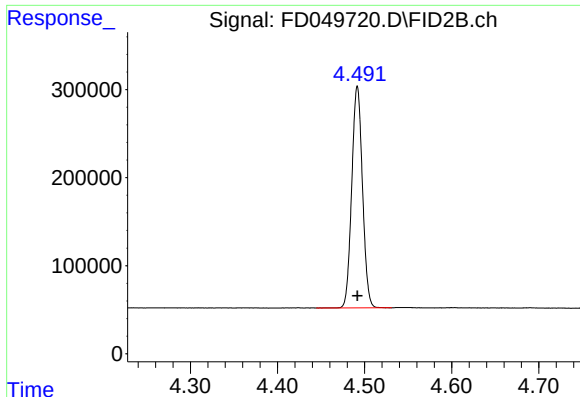
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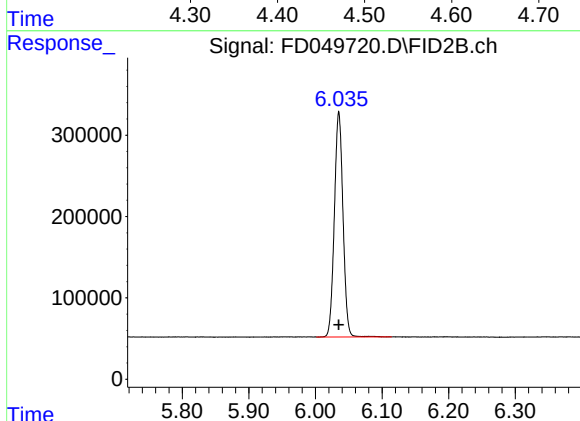




#1 1,2,3-Trimethylbenzene (C10.1)

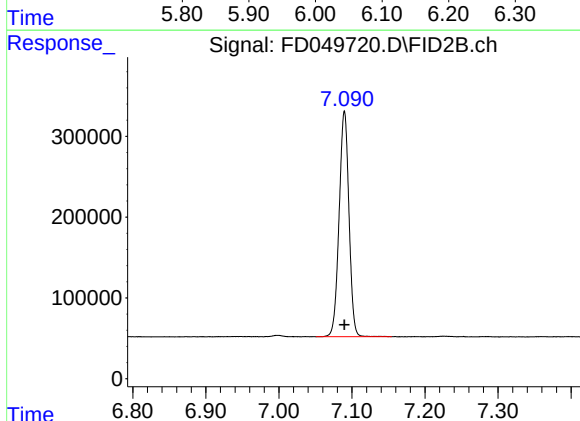
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 2152601
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



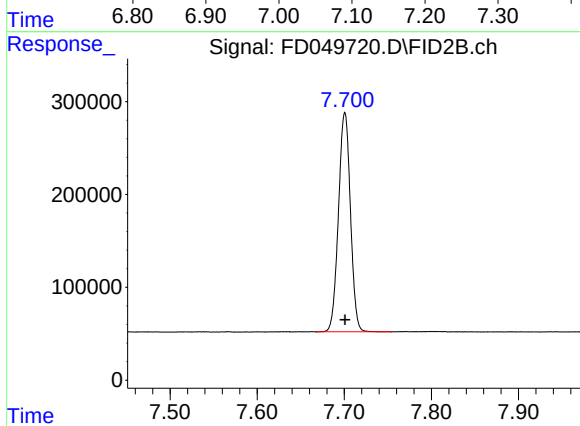
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2491010
Conc: 20.00 ug/ml



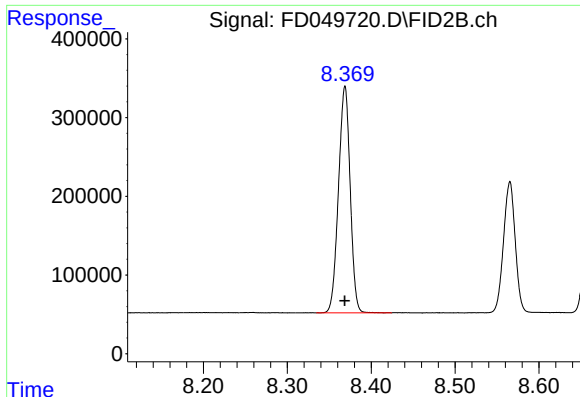
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 2614218
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

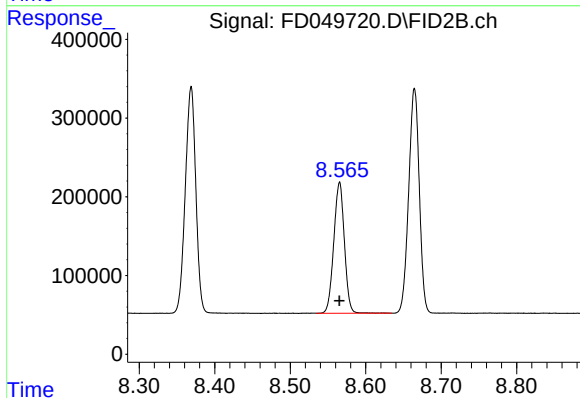
R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 2254913
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

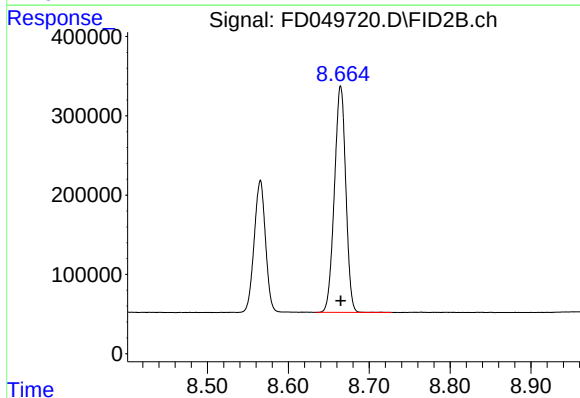
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 2789202
Conc: 20.00 ug/ml

Instrument :
FID_D
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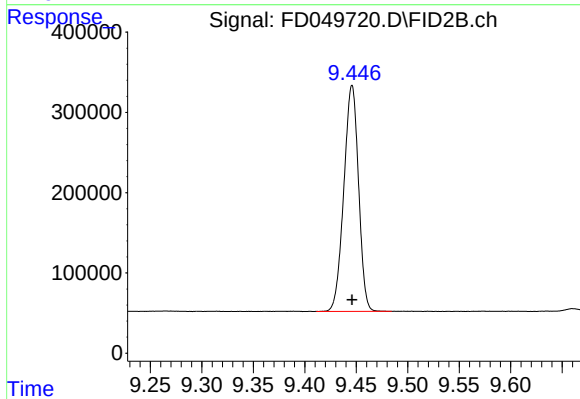
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 1622343
Conc: 20.00 ug/ml



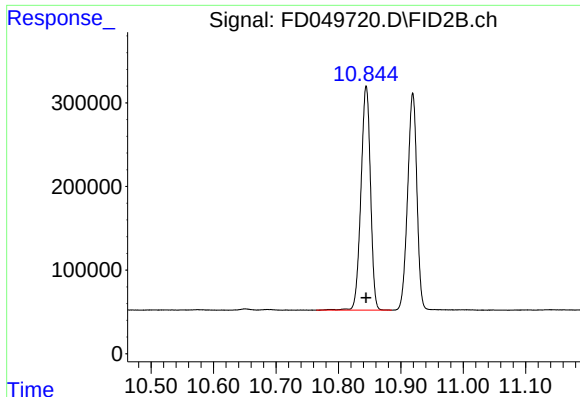
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 2790447
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

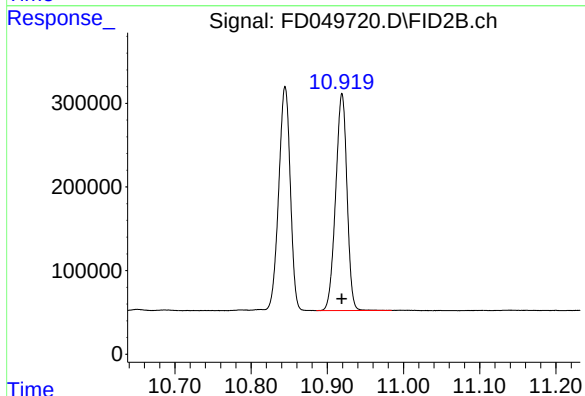
R.T.: 9.446 min
Delta R.T.: 0.000 min
Response: 2804645
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

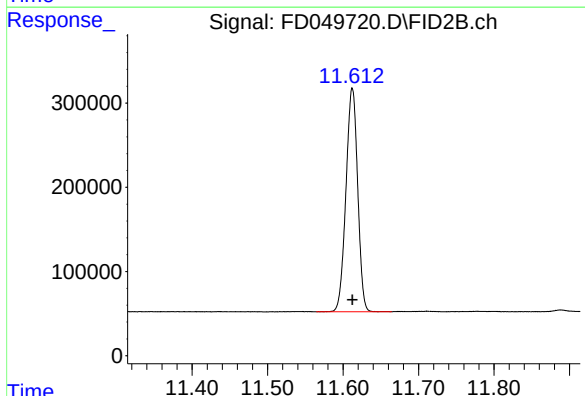
R.T.: 10.845 min
Delta R.T.: 0.000 min
Response: 2839318
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



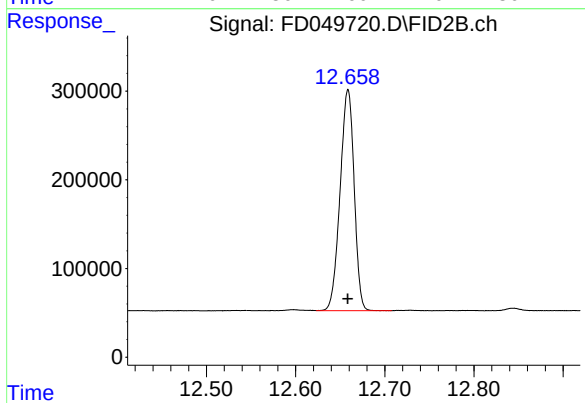
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.000 min
Response: 2682635
Conc: 20.00 ug/ml



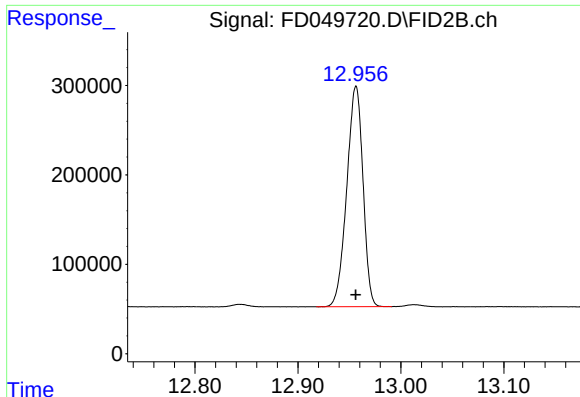
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2865224
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

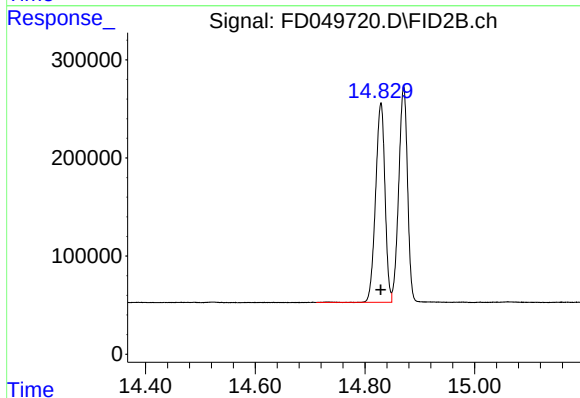
R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2731115
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

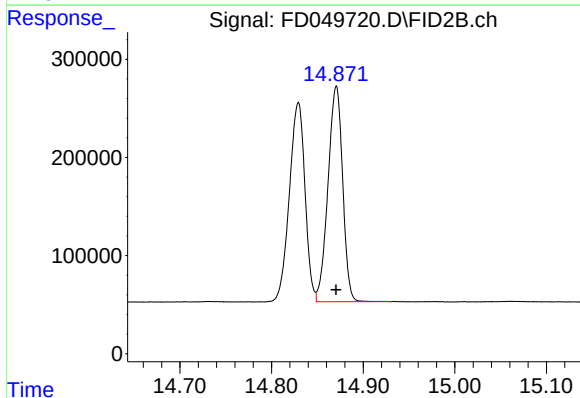
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 2698257
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



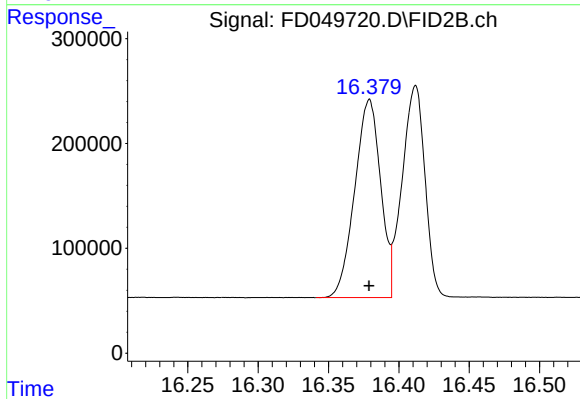
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.000 min
Response: 2408933
Conc: 20.00 ug/ml



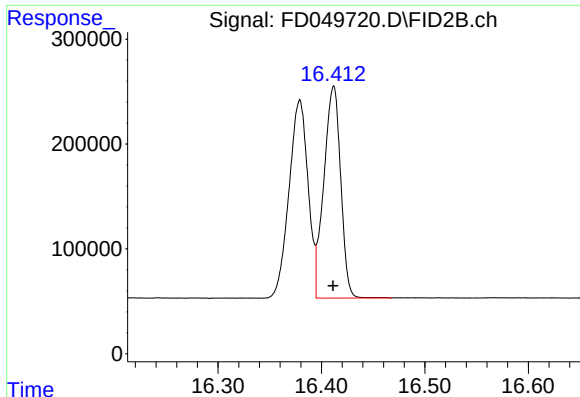
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 2440531
Conc: 20.00 ug/ml



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

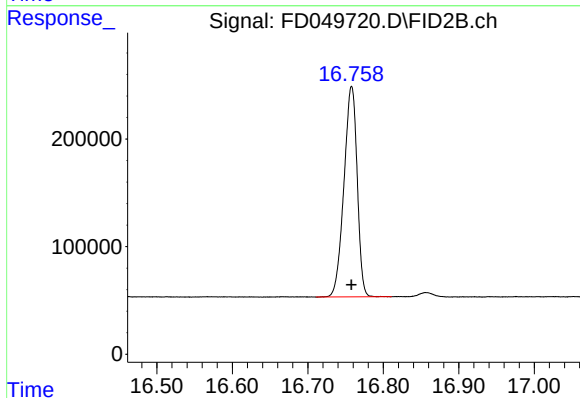
R.T.: 16.379 min
Delta R.T.: 0.000 min
Response: 2415976
Conc: 20.00 ug/ml



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

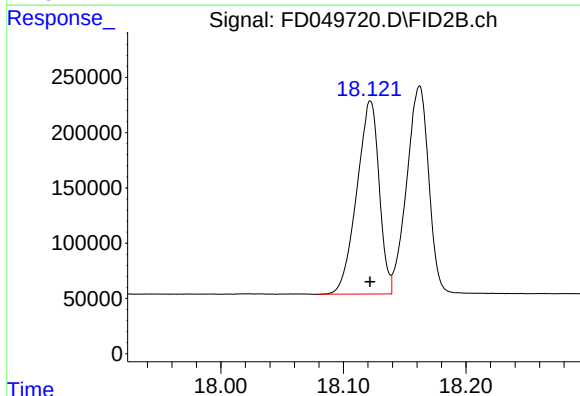
R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 2286971
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



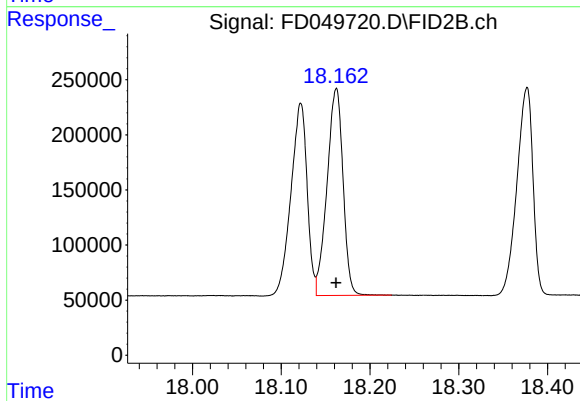
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2382359
Conc: 20.00 ug/ml



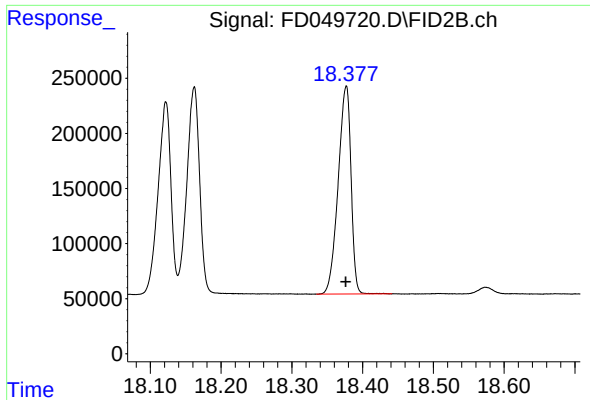
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 2216312
Conc: 20.00 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.000 min
Response: 2352402
Conc: 20.00 ug/ml



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

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 2383649
Conc: 20.00 ug/ml

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