

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016436.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 16:28
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 24 16:38:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.030	2211521	17.654 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
6) S 2-Fluorobiphenyl (SURR)	8.907	1500863	17.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.59%
11) S ortho-Terphenyl (SURR)	11.974	2682324	17.595 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.624	2465539	17.491 ug/ml
2) T Naphthalene (C11.7)	6.301	2552694	17.523 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	2602818	17.680 ug/ml
5) T Acenaphthylene (C15.06)	8.707	2564508	17.696 ug/ml
7) T Acenaphthene (C15.5)	9.007	2527766	17.625 ug/ml
8) T Flouorene (C16.55)	9.796	2582519	17.877 ug/ml
9) T Phenanthrene (C19.36)	11.205	2584516	17.719 ug/ml
10) T Anthracene (C19.43)	11.280	2510342	17.546 ug/ml
12) T Fluoranthene (C21.85)	13.029	2578506	17.655 ug/ml
13) T Pyrene (C20.8)	13.328	2529762	17.653 ug/ml
14) T Benzo[a]anthracene (C...	15.212	2418959	17.771 ug/ml
15) T Chrysene (C27.41)	15.255	2515757	17.636 ug/ml
16) T benzo[b]fluoranthene ...	16.775	2326602	17.706 ug/ml
17) T Bnezo[k]fluoranthene ...	16.806	2231035	17.725 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.155	2275638	17.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	1991060	17.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.569	2262342	17.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.786	2143636	17.408 ug/ml

(f)=RT Delta > 1/2 Window

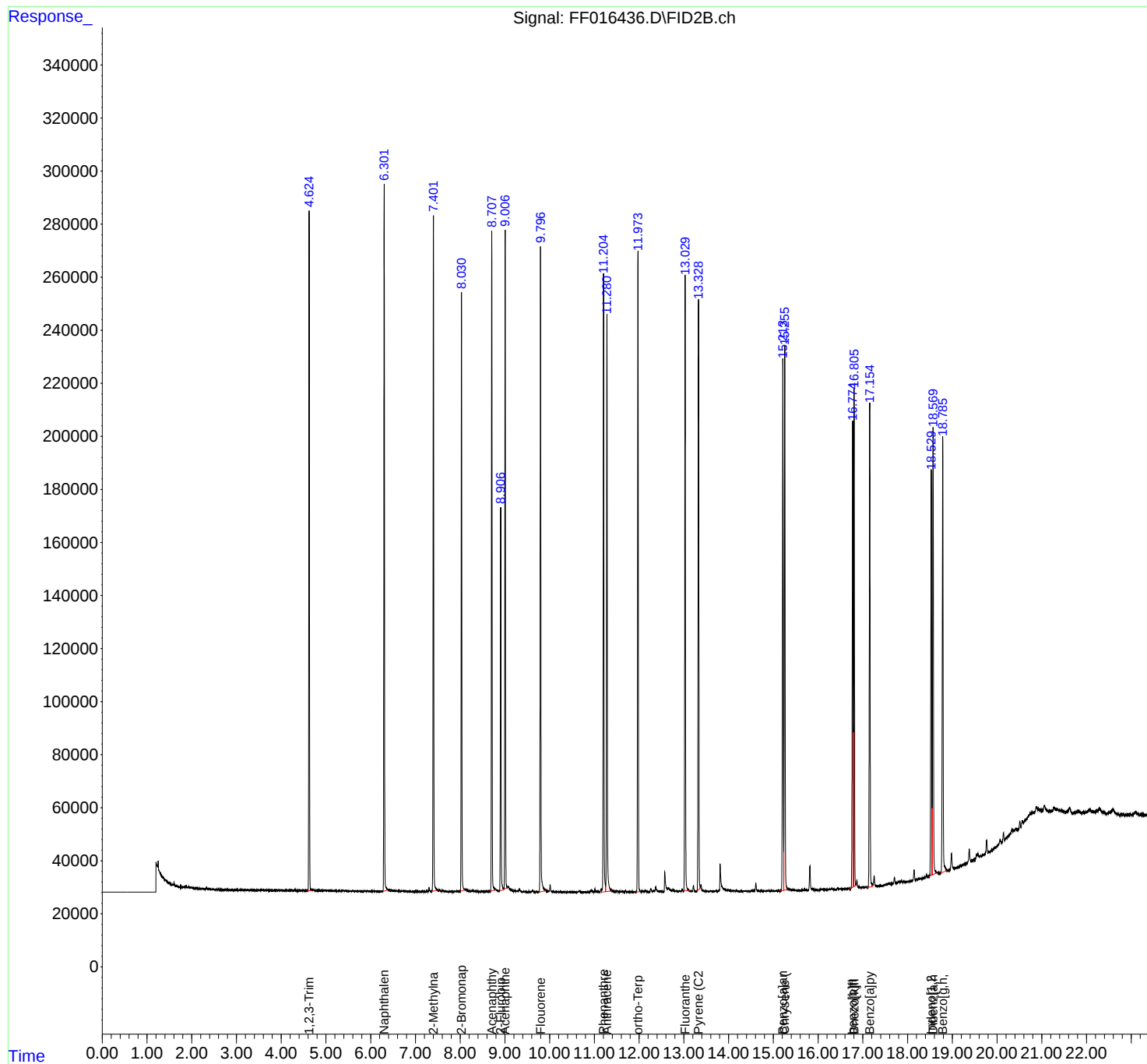
(m)=manual int.

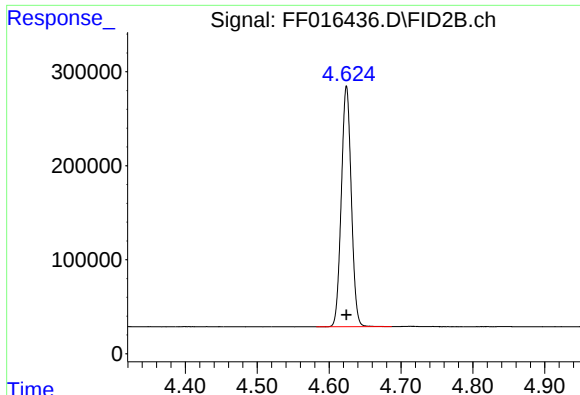
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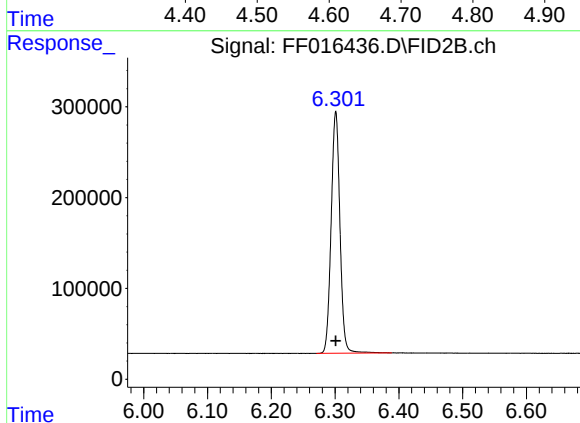




#1 1,2,3-Trimethylbenzene (C10.1)

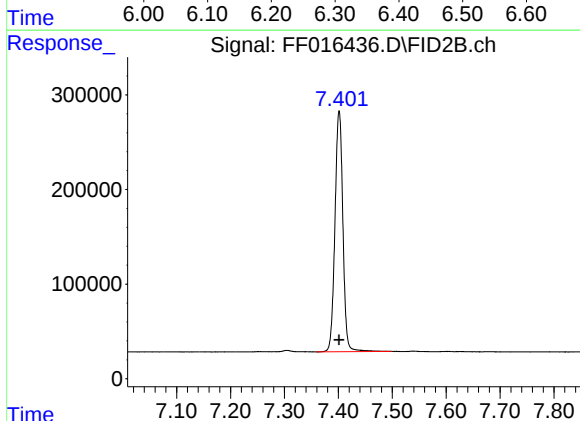
R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 2465539
Conc: 17.49 ug/ml

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20 PPM AROMATIC HC STD ICV



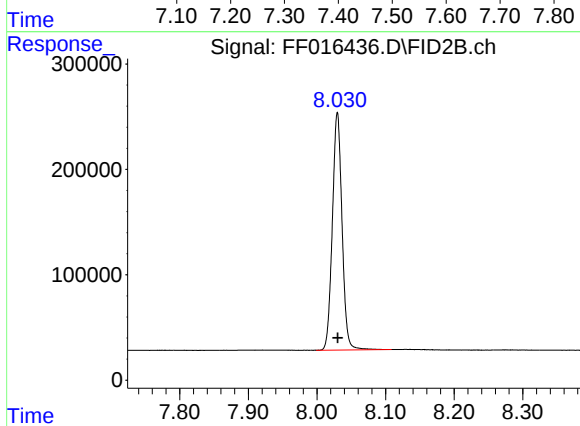
#2 Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 2552694
Conc: 17.52 ug/ml



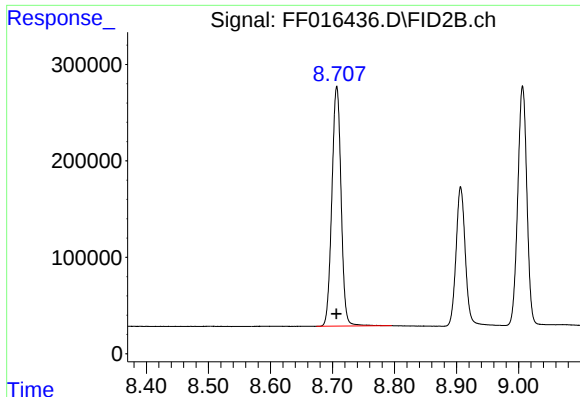
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2602818
Conc: 17.68 ug/ml



#4 2-Bromonaphthalene (SURR)

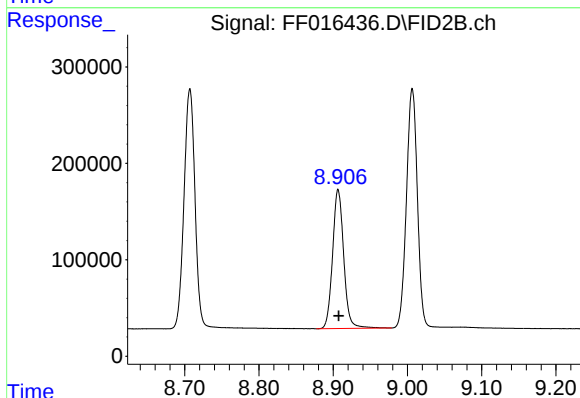
R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 2211521
Conc: 17.65 ug/ml



#5 Acenaphthylene (C15.06)

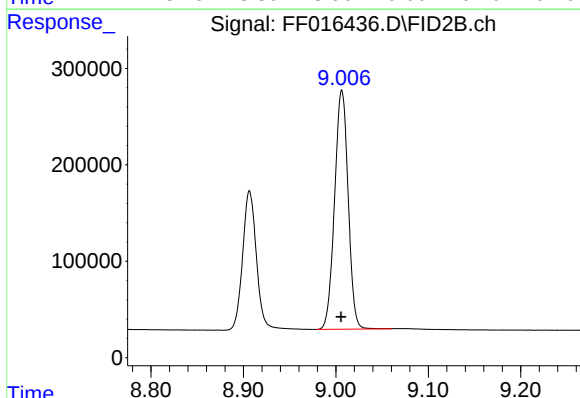
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 2564508
Conc: 17.70 ug/ml

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20 PPM AROMATIC HC STD ICV



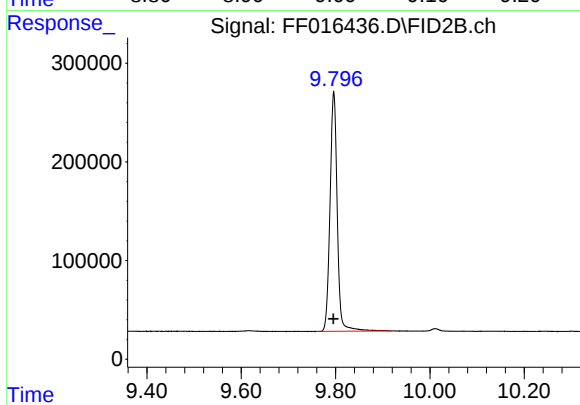
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 1500863
Conc: 17.80 ug/ml



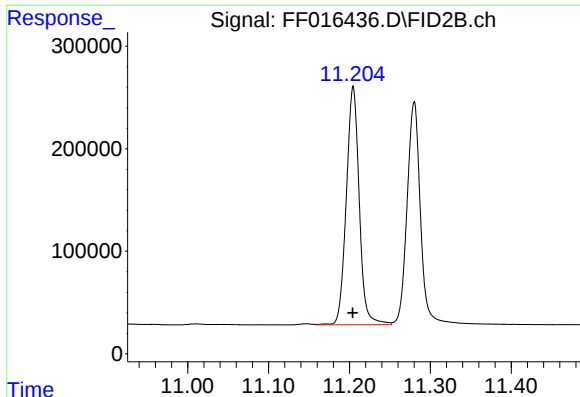
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 2527766
Conc: 17.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 2582519
Conc: 17.88 ug/ml



#9 Phenanthrene (C19.36)

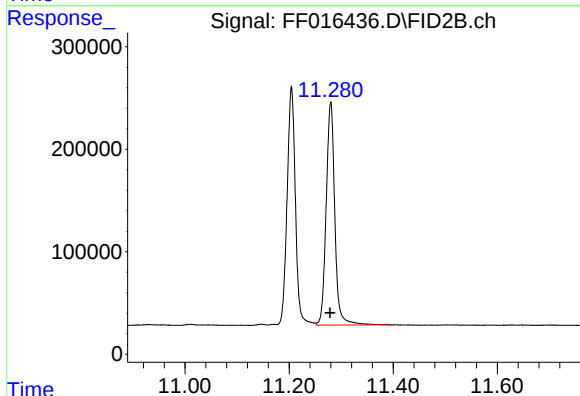
R.T.: 11.205 min
Delta R.T.: 0.000 min
Response: 2584516
Conc: 17.72 ug/ml

Instrument :

FID_F

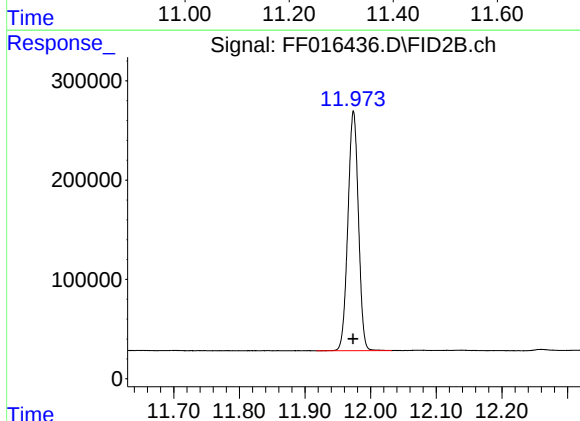
ClientSampleId :

20 PPM AROMATIC HC STD ICV



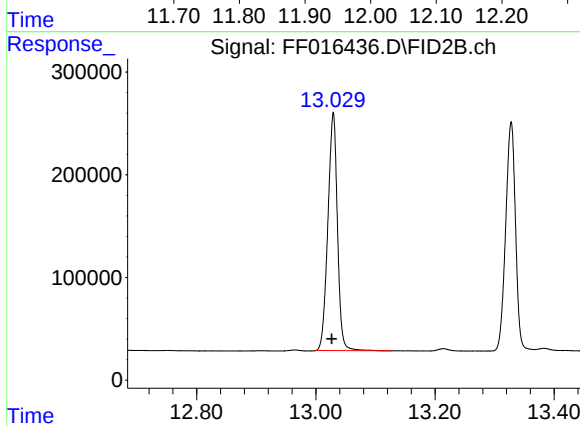
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.001 min
Response: 2510342
Conc: 17.55 ug/ml



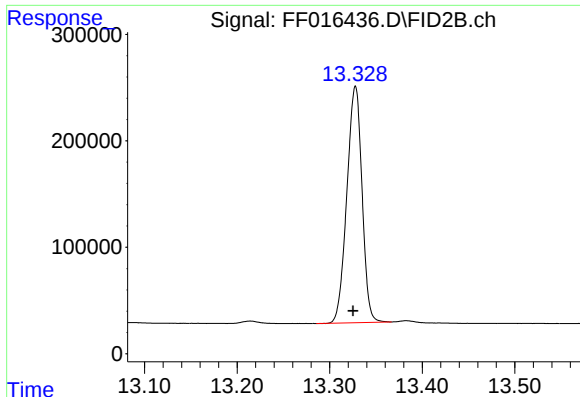
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 2682324
Conc: 17.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.029 min
Delta R.T.: 0.003 min
Response: 2578506
Conc: 17.66 ug/ml



#13 Pyrene (C20.8)

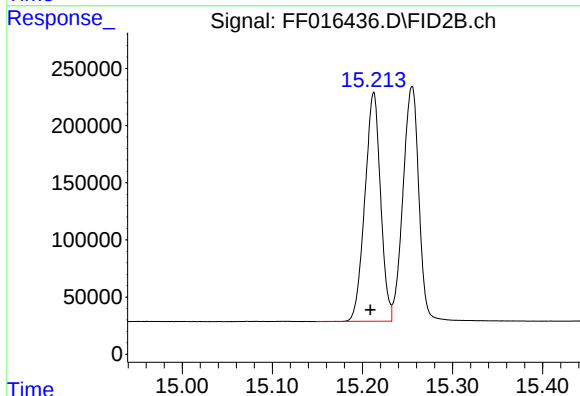
R.T.: 13.328 min
Delta R.T.: 0.002 min
Response: 2529762
Conc: 17.65 ug/ml

Instrument :

FID_F

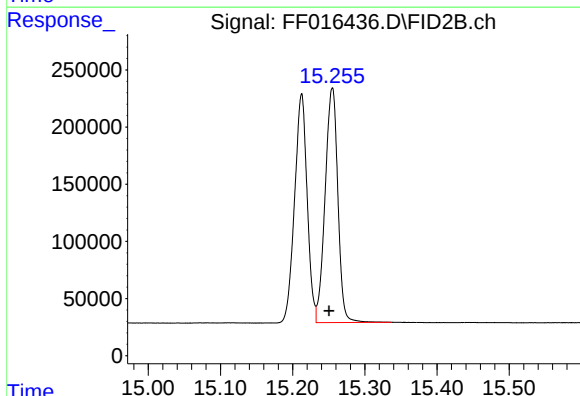
ClientSampleId :

20 PPM AROMATIC HC STD ICV



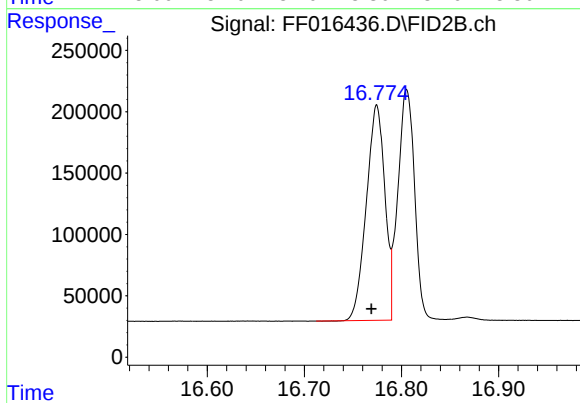
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 2418959
Conc: 17.77 ug/ml



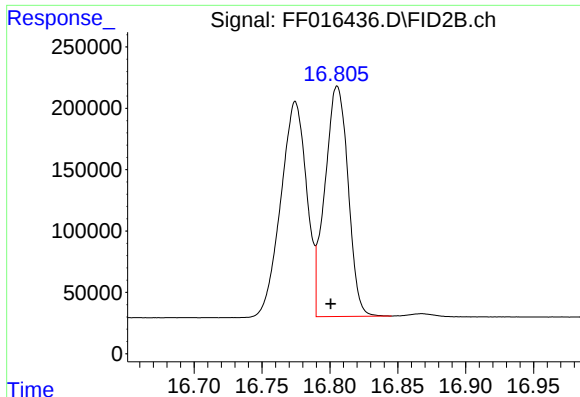
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.004 min
Response: 2515757
Conc: 17.64 ug/ml



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

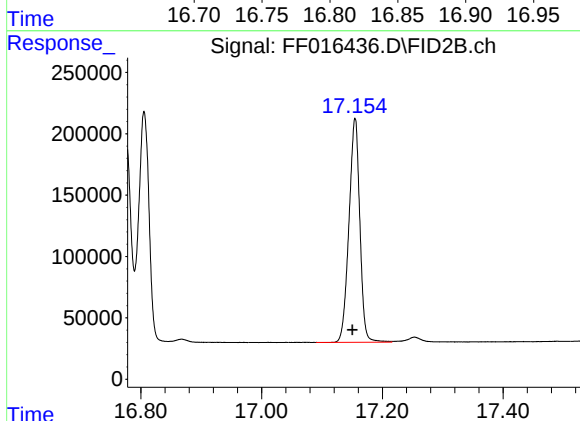
R.T.: 16.775 min
Delta R.T.: 0.005 min
Response: 2326602
Conc: 17.71 ug/ml



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

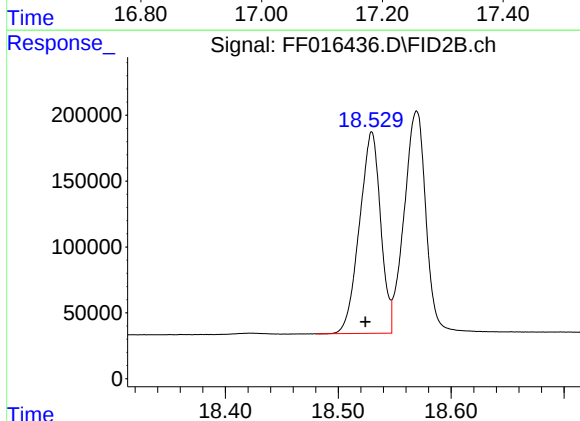
R.T.: 16.806 min
Delta R.T.: 0.005 min
Response: 2231035
Conc: 17.72 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



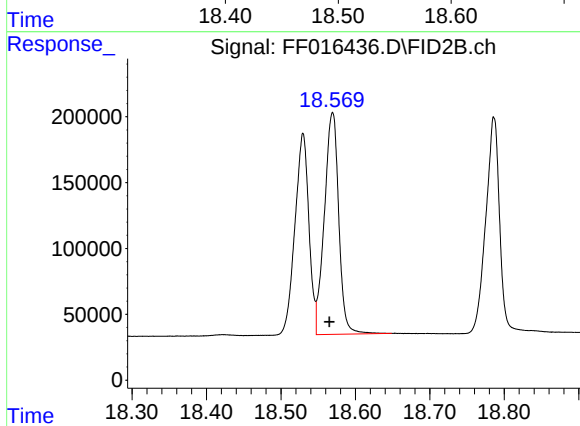
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.155 min
Delta R.T.: 0.005 min
Response: 2275638
Conc: 17.82 ug/ml



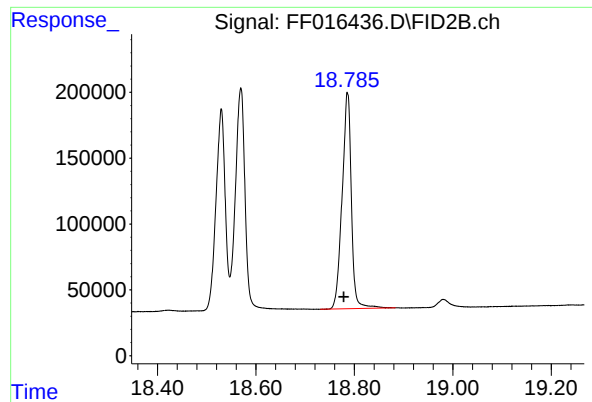
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.530 min
Delta R.T.: 0.005 min
Response: 1991060
Conc: 17.46 ug/ml



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

R.T.: 18.569 min
Delta R.T.: 0.004 min
Response: 2262342
Conc: 17.33 ug/ml



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

R.T.: 18.786 min
Delta R.T.: 0.008 min
Response: 2143636
Conc: 17.41 ug/ml

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