

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049114.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 08:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 01:24:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.353	2835879	19.816 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
6) S 2-Fluorobiphenyl (SURR)	8.205	1696777	19.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.60%
11) S ortho-Terphenyl (SURR)	11.234	3254119	20.115 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3129961	19.654 ug/ml
2) T Naphthalene (C11.7)	5.694	3168728	19.956 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3132399	20.119 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3201654	19.690 ug/ml
7) T Acenaphthene (C15.5)	8.297	3303597	20.082 ug/ml
8) T Fluorene (C16.55)	9.077	3097250	19.646 ug/ml
9) T Phenanthrene (C19.36)	10.464	3016596	20.017 ug/ml
10) T Anthracene (C19.43)	10.542	2640174	17.481 ug/ml
12) T Fluoranthene (C21.85)	12.268	3082957	19.978 ug/ml
13) T Pyrene (C20.8)	12.561	3013498	19.561 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2576874	19.612 ug/ml
15) T Chrysene (C27.41)	14.471	3205576	19.826 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2751715	19.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3150651	19.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	2640040	19.450 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	1896060	17.351 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	3093462	19.940 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	2744613	18.935 ug/ml

(f)=RT Delta > 1/2 Window

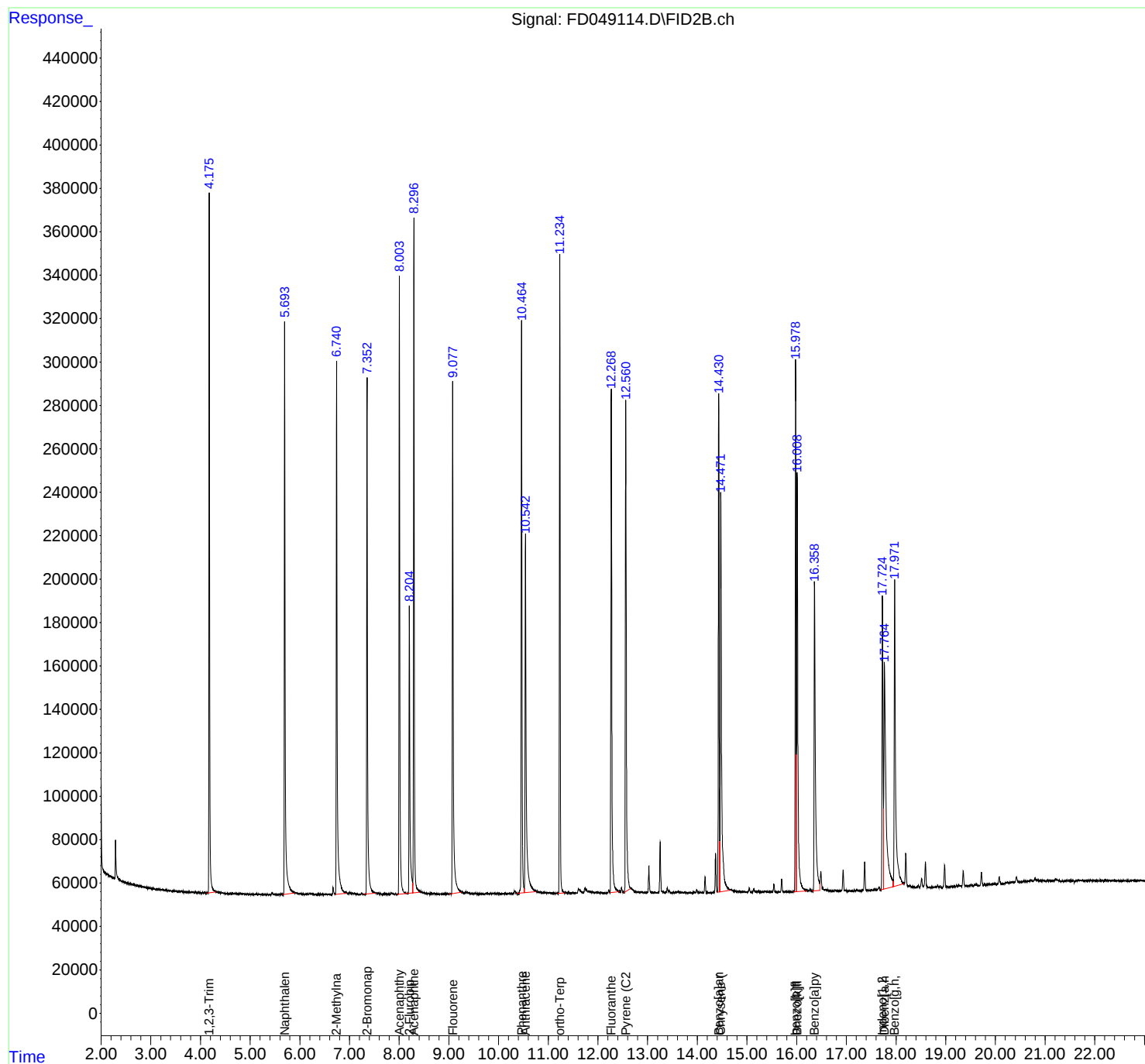
(m)=manual int.

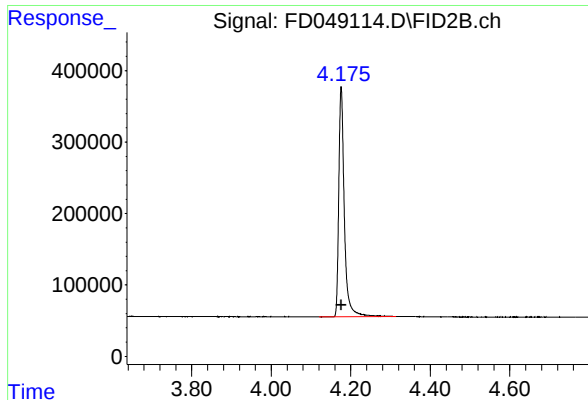
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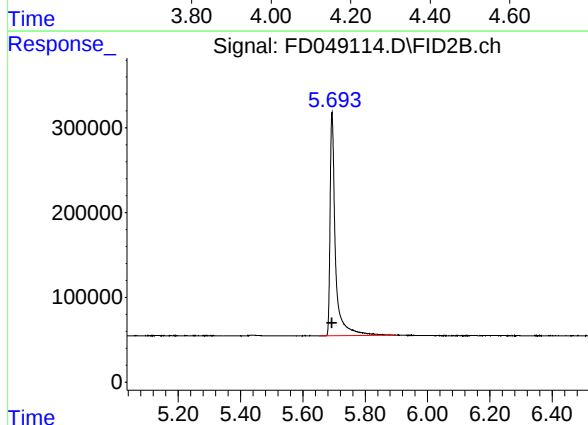




#1 1,2,3-Trimethylbenzene (C10.1)

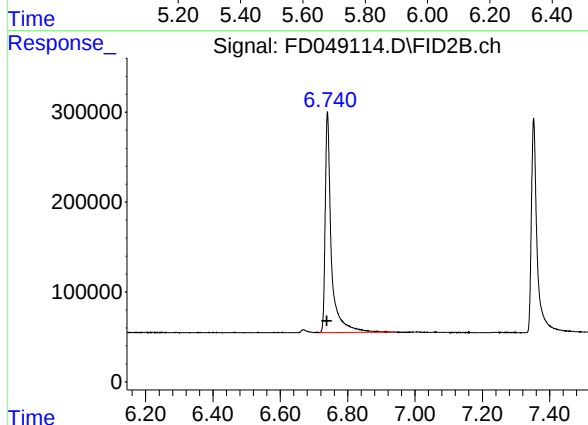
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3129961
Conc: 19.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



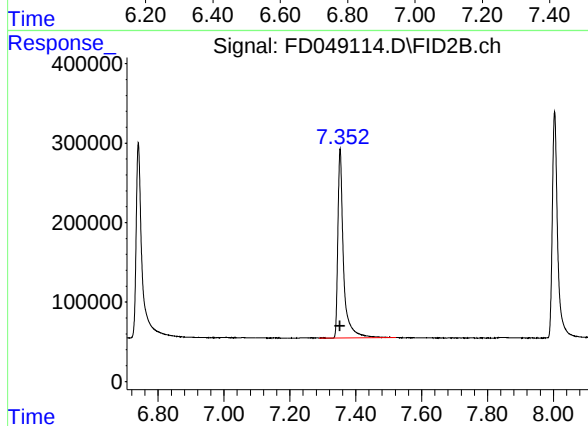
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3168728
Conc: 19.96 ug/ml



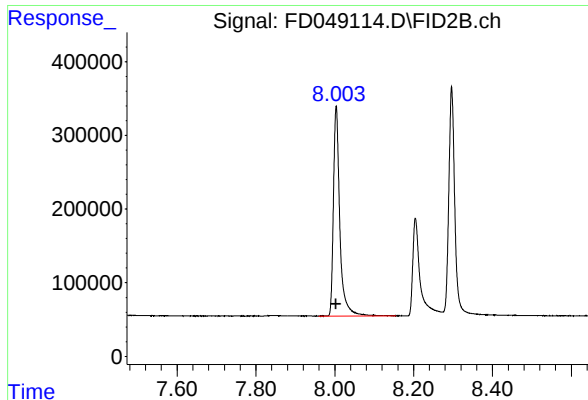
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 3132399
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

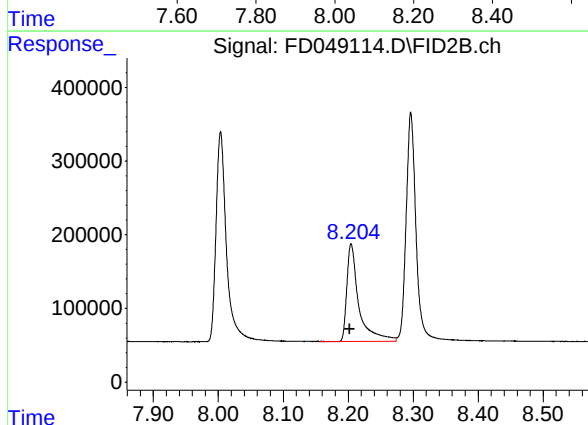
R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 2835879
Conc: 19.82 ug/ml



#5 Acenaphthylene (C15.06)

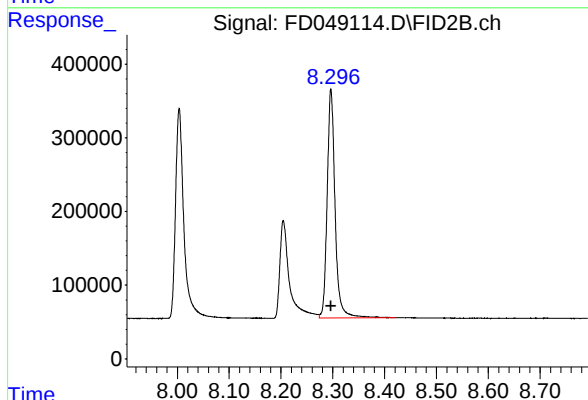
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 3201654
Conc: 19.69 ug/ml

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20 PPM AROMATIC HC STD



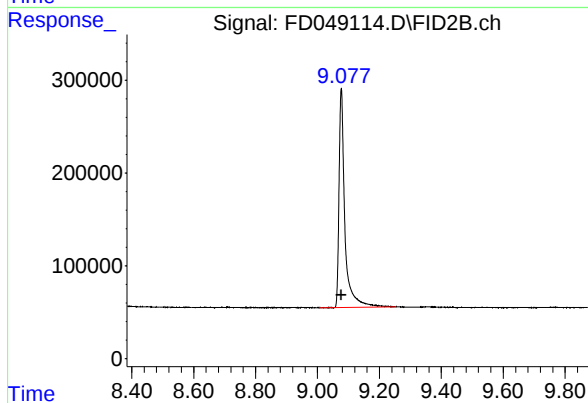
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.002 min
Response: 1696777
Conc: 19.30 ug/ml



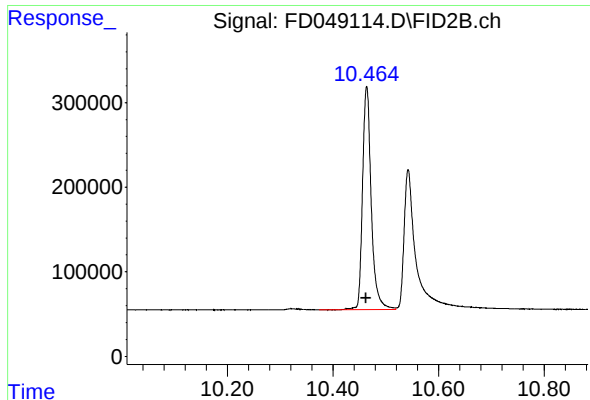
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 3303597
Conc: 20.08 ug/ml



#8 Flouorene (C16.55)

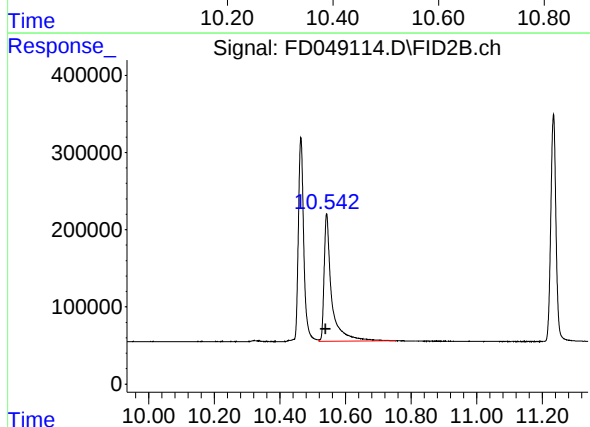
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 3097250
Conc: 19.65 ug/ml



#9 Phenanthrene (C19.36)

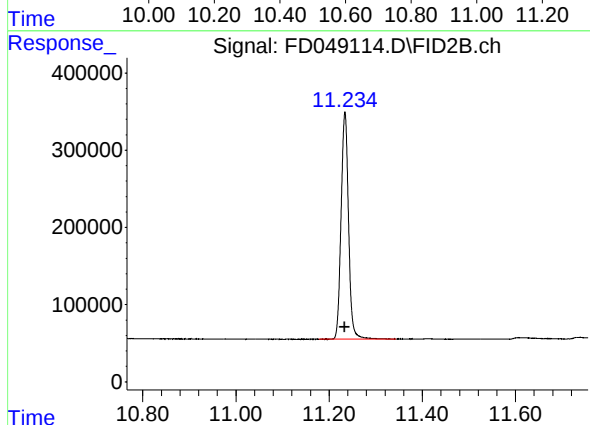
R.T.: 10.464 min
Delta R.T.: 0.001 min
Response: 3016596
Conc: 20.02 ug/ml

Instrument :
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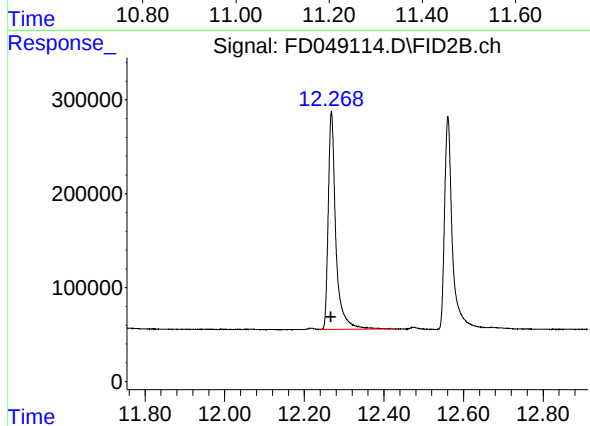
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.003 min
Response: 2640174
Conc: 17.48 ug/ml



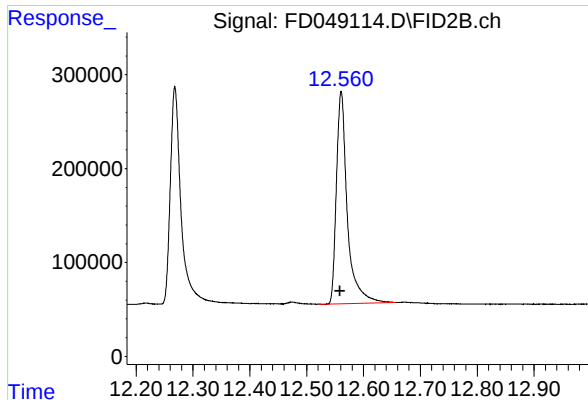
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3254119
Conc: 20.12 ug/ml



#12 Fluoranthene (C21.85)

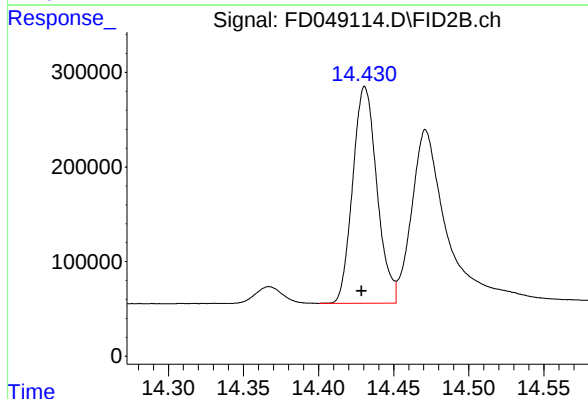
R.T.: 12.268 min
Delta R.T.: 0.001 min
Response: 3082957
Conc: 19.98 ug/ml



#13 Pyrene (C20.8)

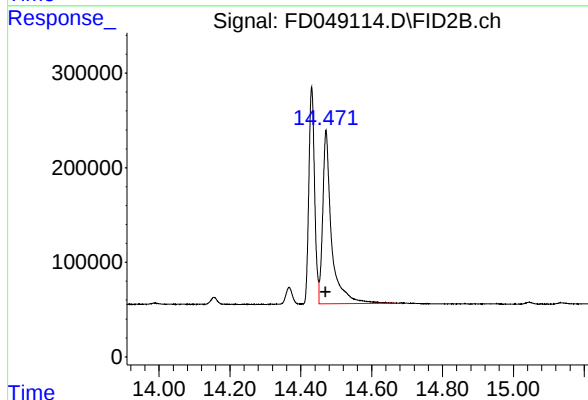
R.T.: 12.561 min
Delta R.T.: 0.002 min
Response: 3013498
Conc: 19.56 ug/ml

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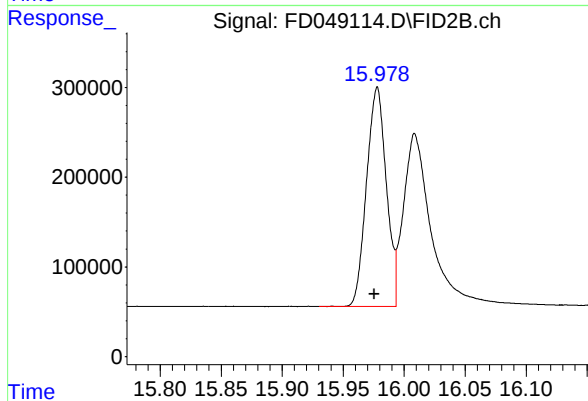
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.002 min
Response: 2576874
Conc: 19.61 ug/ml



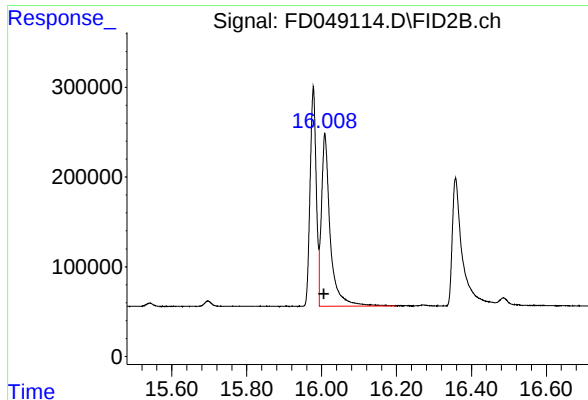
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 3205576
Conc: 19.83 ug/ml



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

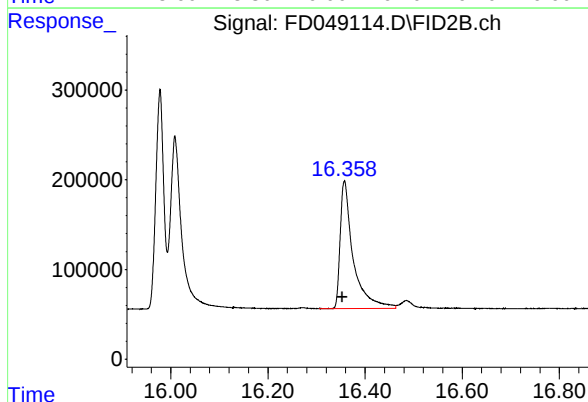
R.T.: 15.978 min
Delta R.T.: 0.002 min
Response: 2751715
Conc: 20.00 ug/ml



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

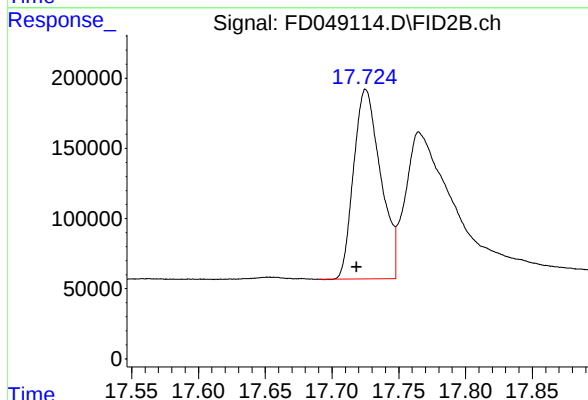
R.T.: 16.009 min
Delta R.T.: 0.003 min
Response: 3150651
Conc: 19.95 ug/ml

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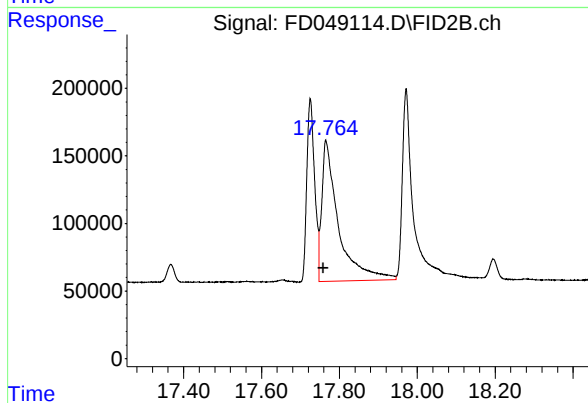
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: 0.004 min
Response: 2640040
Conc: 19.45 ug/ml



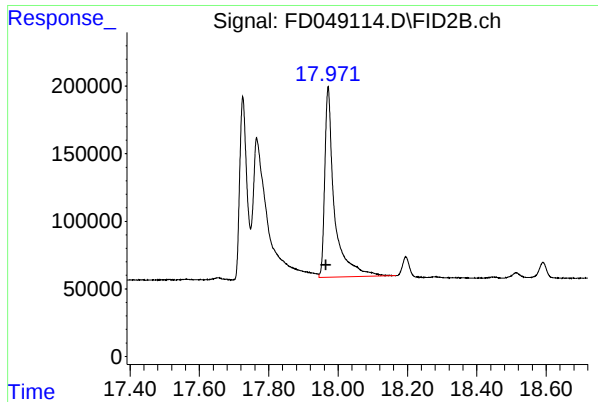
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.725 min
Delta R.T.: 0.007 min
Response: 1896060
Conc: 17.35 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.006 min
Response: 3093462
Conc: 19.94 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.006 min
Response: 2744613
Conc: 18.93 ug/ml

Instrument :

FID_D

ClientSampleId :

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