

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049107.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 19:26
 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: Feb 26 01:35:01 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

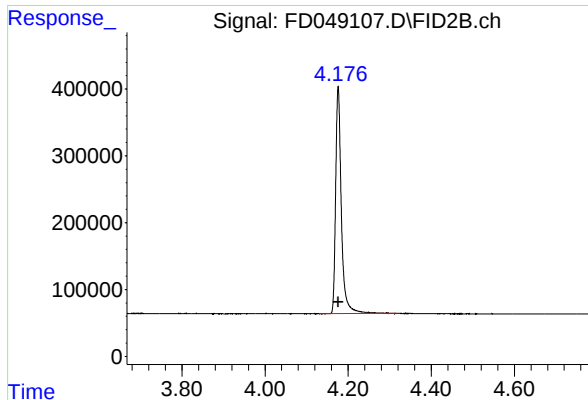
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	2935371	20.511 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.204	1811284	20.603 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.21%
11) S ortho-Terphenyl (SURR)	11.234	3352509	20.723 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3249287	20.403 ug/ml
2) T Naphthalene (C11.7)	5.694	3292526	20.735 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3215948	20.656 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3259752	20.047 ug/ml
7) T Acenaphthene (C15.5)	8.296	3377322	20.530 ug/ml
8) T Fluorene (C16.55)	9.077	3257010	20.660 ug/ml
9) T Phenanthrene (C19.36)	10.464	3134160	20.797 ug/ml
10) T Anthracene (C19.43)	10.542	2653727	17.571 ug/ml
12) T Fluoranthene (C21.85)	12.268	3232338	20.946 ug/ml
13) T Pyrene (C20.8)	12.560	3108118	20.175 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2715101	20.664 ug/ml
15) T Chrysene (C27.41)	14.471	3074258	19.014 ug/ml
16) T benzo[b]fluoranthene ...	15.977	2873581	20.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3358238	21.262 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2637215	19.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2032328	18.598 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	3362283	21.673 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	2610684	18.011 ug/ml

(f)=RT Delta > 1/2 Window

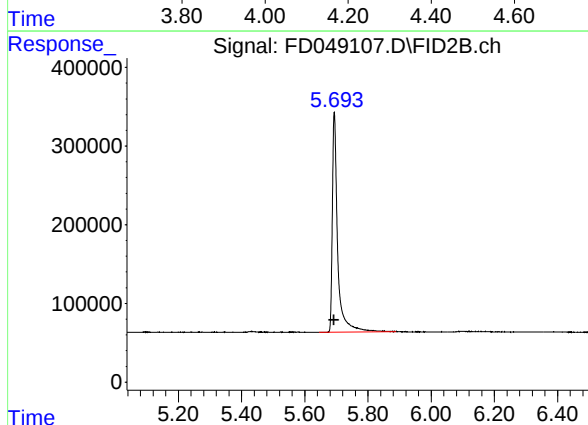
(m)=manual int.



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

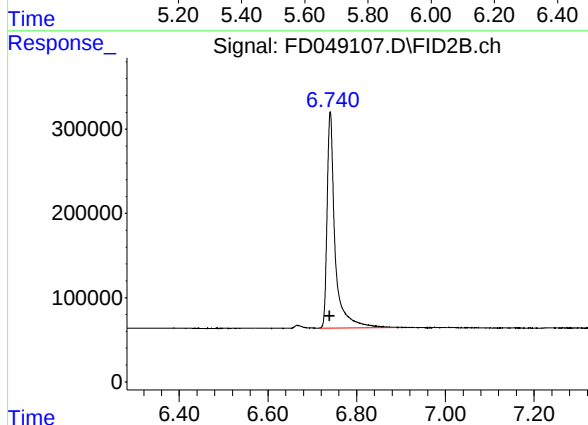
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3249287
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



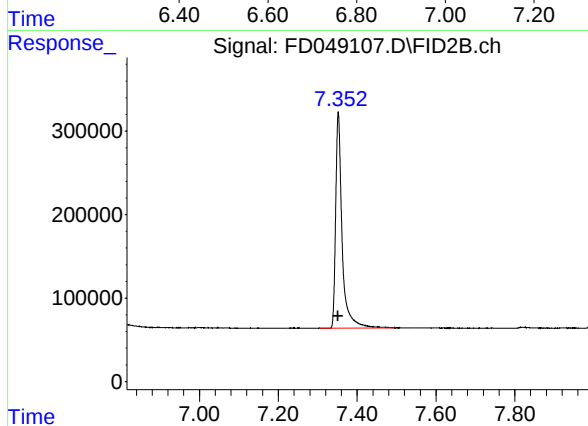
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3292526
Conc: 20.74 ug/ml



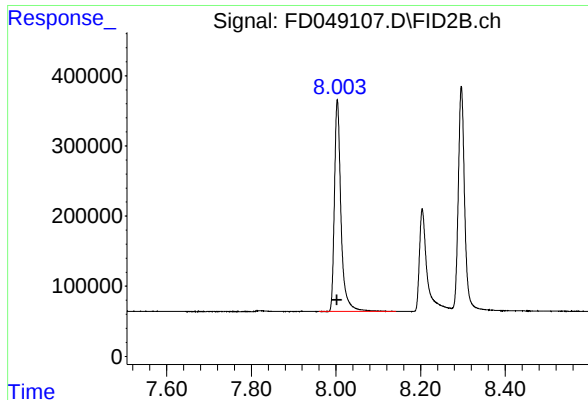
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3215948
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

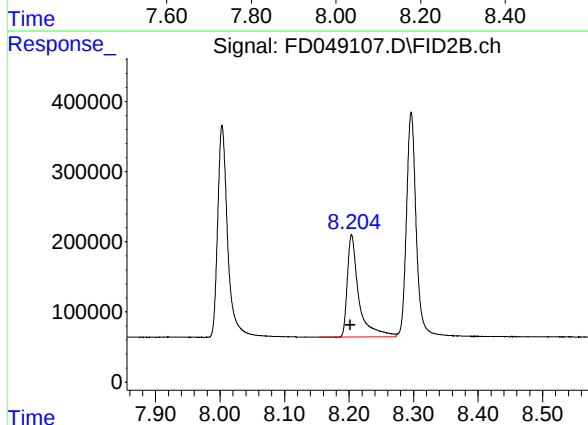
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 2935371
Conc: 20.51 ug/ml



#5 Acenaphthylene (C15.06)

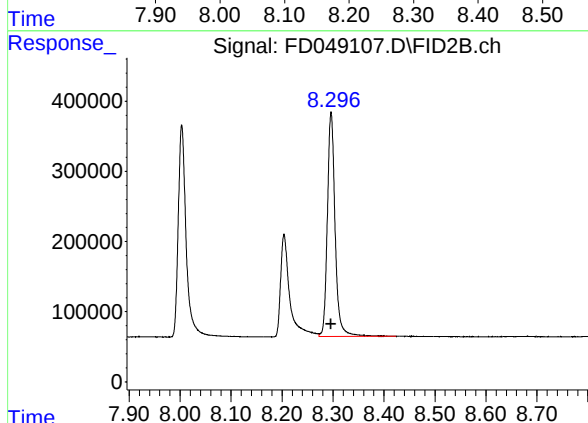
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3259752
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



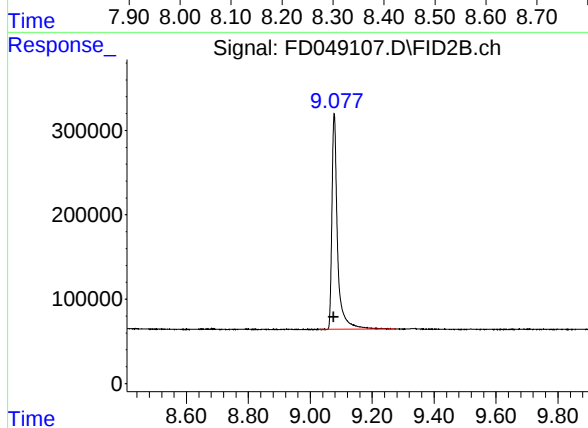
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: 0.002 min
Response: 1811284
Conc: 20.60 ug/ml



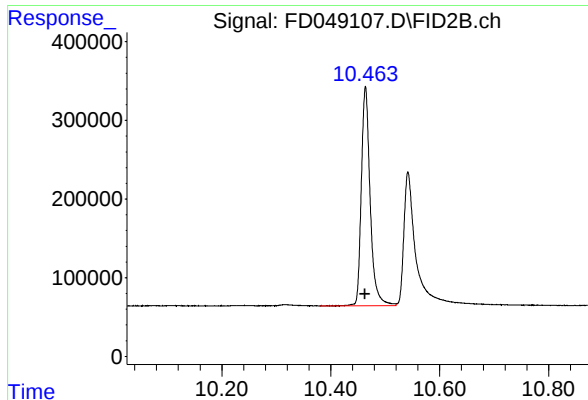
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3377322
Conc: 20.53 ug/ml



#8 Flouorene (C16.55)

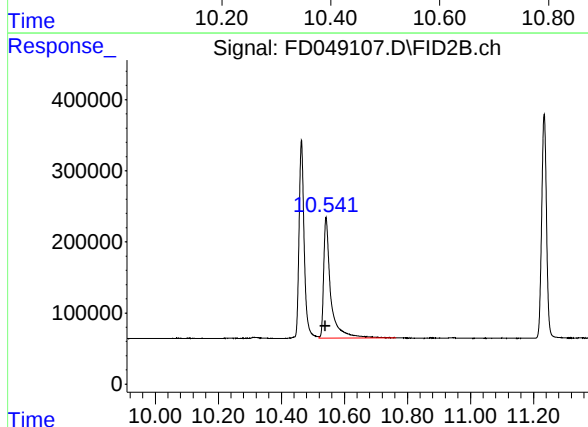
R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 3257010
Conc: 20.66 ug/ml



#9 Phenanthrene (C19.36)

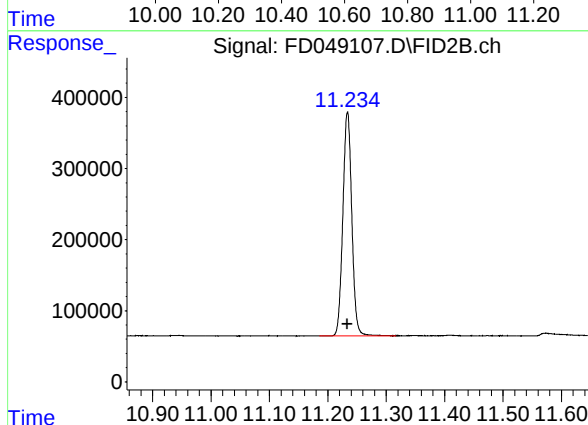
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3134160
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



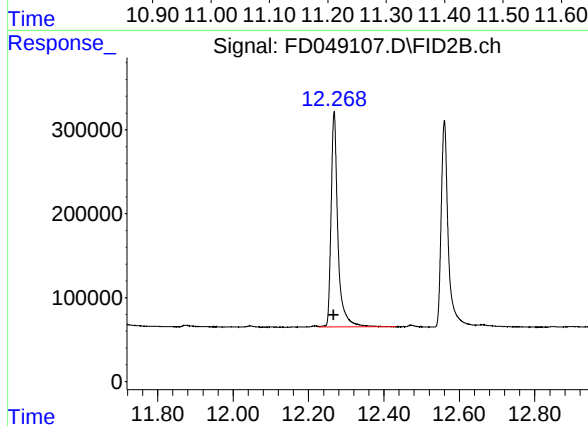
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 2653727
Conc: 17.57 ug/ml



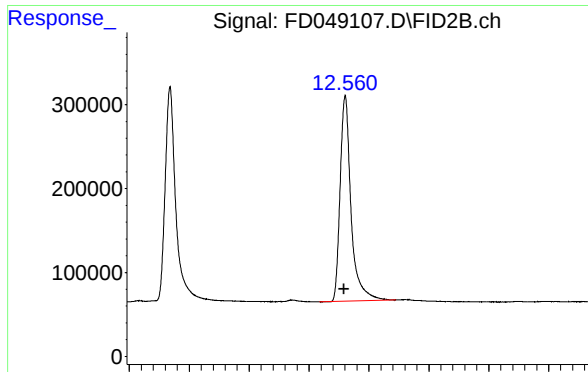
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3352509
Conc: 20.72 ug/ml



#12 Fluoranthene (C21.85)

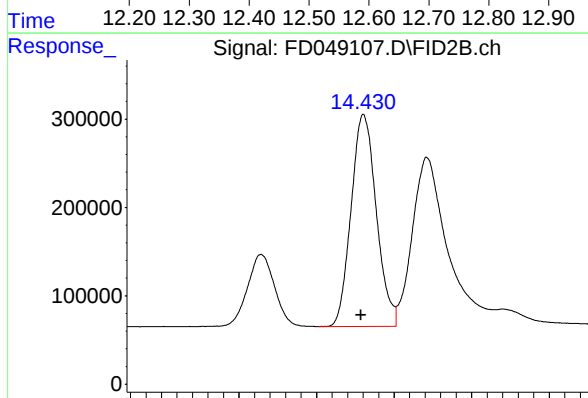
R.T.: 12.268 min
Delta R.T.: 0.001 min
Response: 3232338
Conc: 20.95 ug/ml



#13 Pyrene (C20.8)

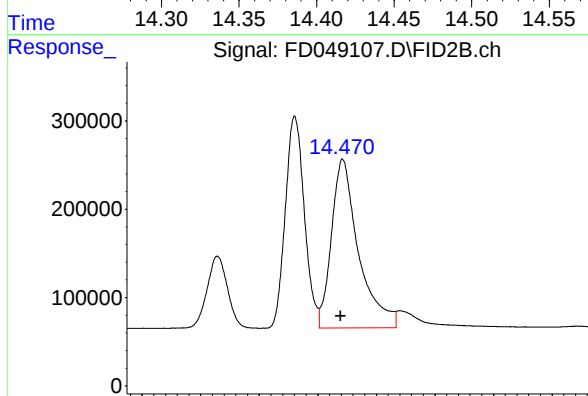
R.T.: 12.560 min
Delta R.T.: 0.002 min
Response: 3108118
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



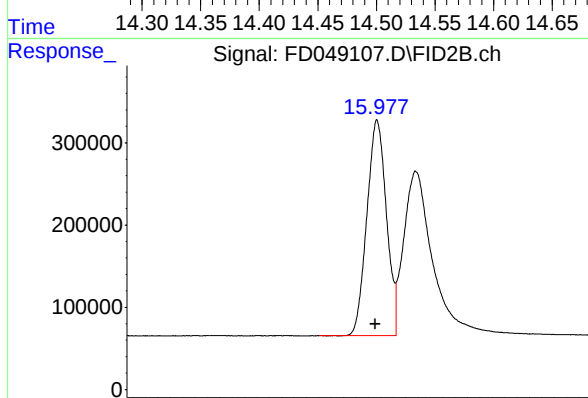
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: 0.002 min
Response: 2715101
Conc: 20.66 ug/ml



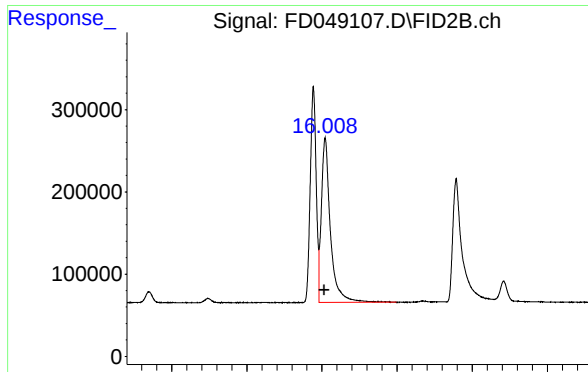
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 3074258
Conc: 19.01 ug/ml



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

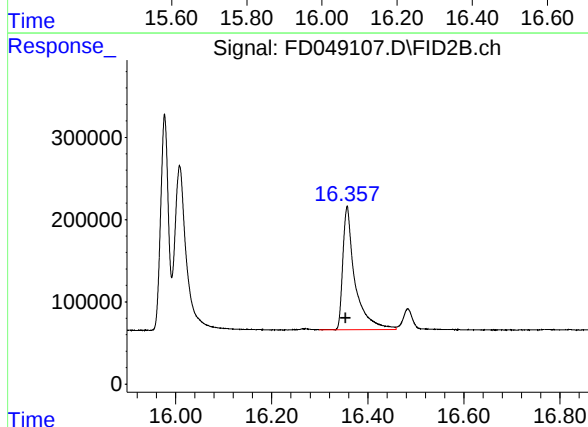
R.T.: 15.977 min
Delta R.T.: 0.002 min
Response: 2873581
Conc: 20.88 ug/ml



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

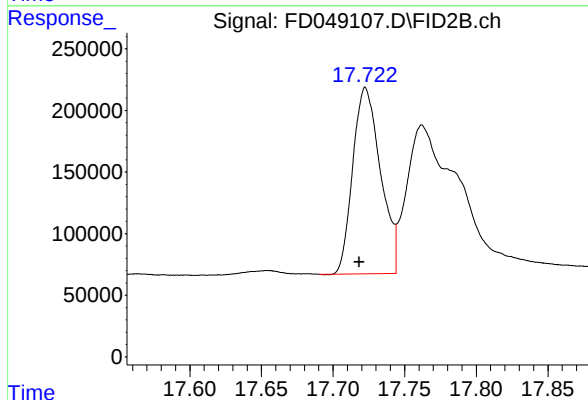
R.T.: 16.009 min
Delta R.T.: 0.002 min
Response: 3358238
Conc: 21.26 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



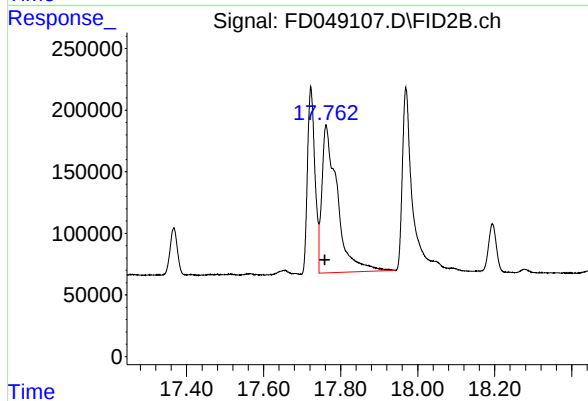
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.004 min
Response: 2637215
Conc: 19.43 ug/ml



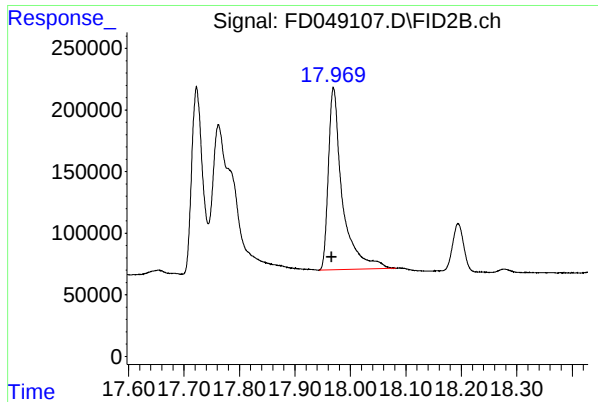
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: 0.004 min
Response: 2032328
Conc: 18.60 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.003 min
Response: 3362283
Conc: 21.67 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.004 min
Response: 2610684
Conc: 18.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD