

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049217.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 20:13
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 03 03:44:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 03:39:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

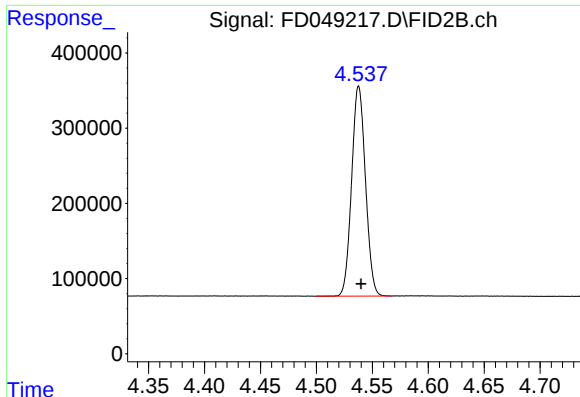
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.747	2516016	21.536 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
6) S 2-Fluorobiphenyl (SURR)	8.613	1751267	21.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.06%
11) S ortho-Terphenyl (SURR)	11.655	3187462	21.556 ug/ml
Spiked Amount 50.000		Recovery =	43.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2406236	21.461 ug/ml
2) T Naphthalene (C11.7)	6.083	2703500	21.606 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	2657227	21.536 ug/ml
5) T Acenaphthylene (C15.06)	8.416	3022900	21.309 ug/ml
7) T Acenaphthene (C15.5)	8.711	2931433	21.655 ug/ml
8) T Flouorene (C16.55)	9.492	2918848	21.996 ug/ml
9) T Phenanthrene (C19.36)	10.890	3051087	21.715 ug/ml
10) T Anthracene (C19.43)	10.965	2678973	22.166 ug/ml
12) T Fluoranthene (C21.85)	12.703	3157175	21.470 ug/ml
13) T Pyrene (C20.8)	13.002	3185773	21.477 ug/ml
14) T Benzo[a]anthracene (C...	14.870	2480235	22.398 ug/ml
15) T Chrysene (C27.41)	14.913	2590327	22.022 ug/ml
16) T benzo[b]fluoranthene ...	16.419	2608292	21.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	2501833	21.834 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.798	2348473	21.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2070327	21.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	1823497	23.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2337301	20.918 ug/ml

(f)=RT Delta > 1/2 Window

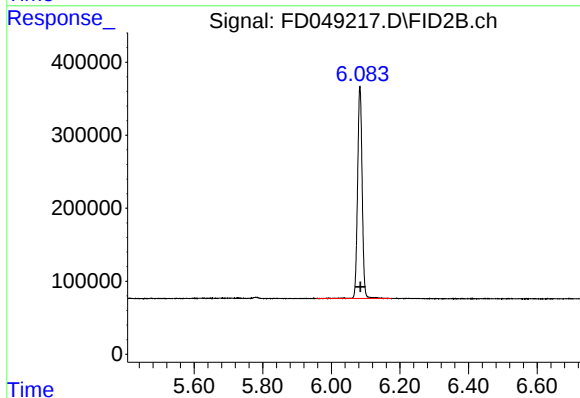
(m)=manual int.



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

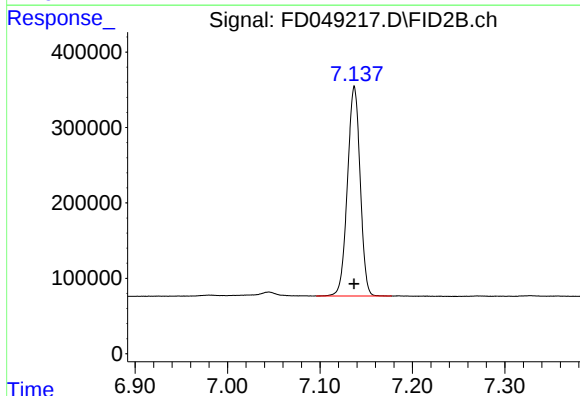
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 2406236
Conc: 21.46 ug/ml

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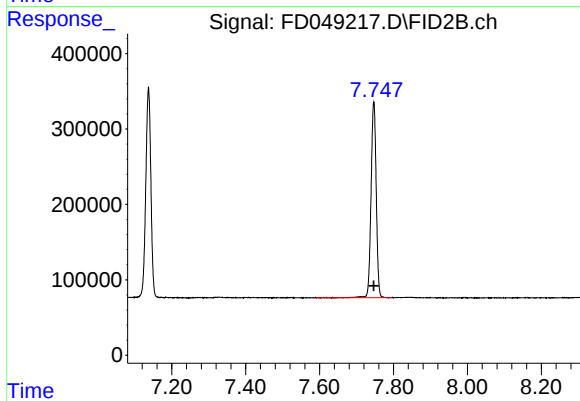
#2 Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 2703500
Conc: 21.61 ug/ml



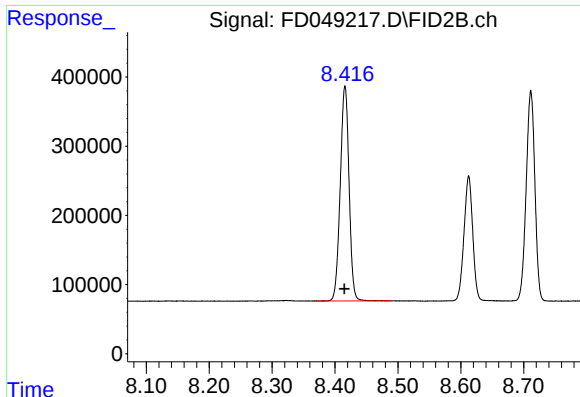
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 2657227
Conc: 21.54 ug/ml



#4 2-Bromonaphthalene (SURR)

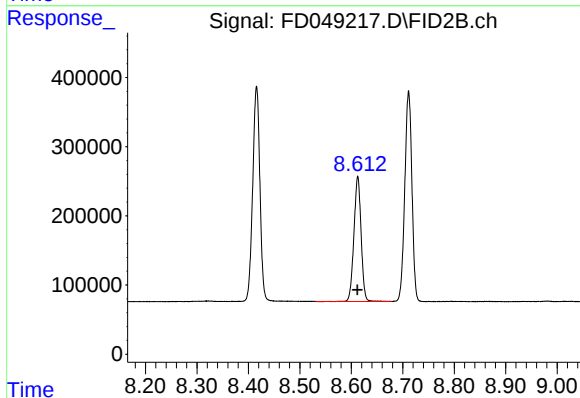
R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 2516016
Conc: 21.54 ug/ml



#5 Acenaphthylene (C15.06)

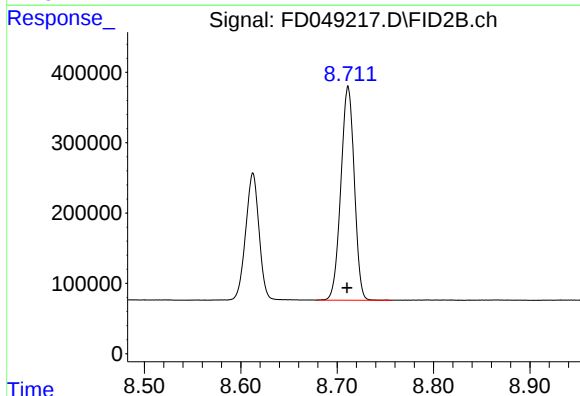
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 3022900
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



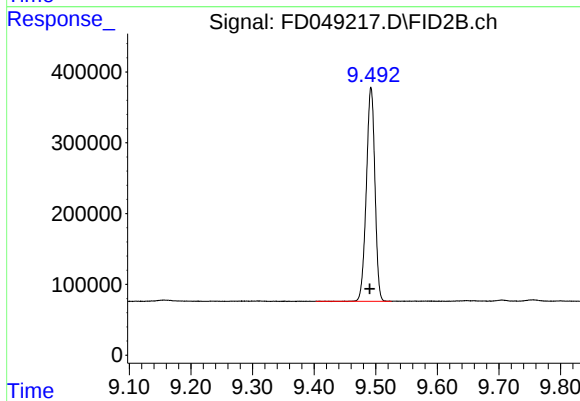
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 1751267
Conc: 21.53 ug/ml



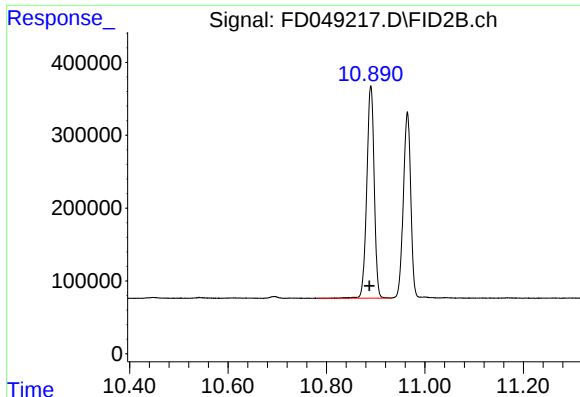
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: 0.001 min
Response: 2931433
Conc: 21.66 ug/ml



#8 Flouorene (C16.55)

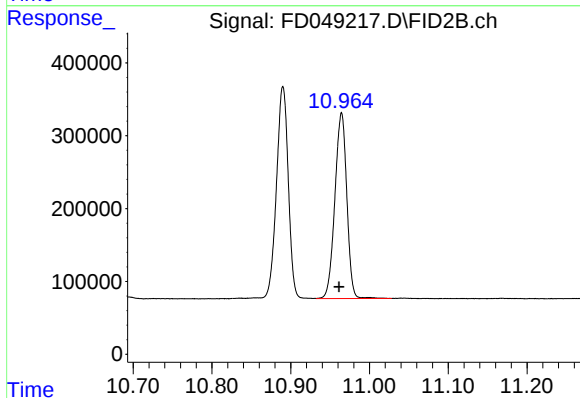
R.T.: 9.492 min
Delta R.T.: 0.002 min
Response: 2918848
Conc: 22.00 ug/ml



#9 Phenanthrene (C19.36)

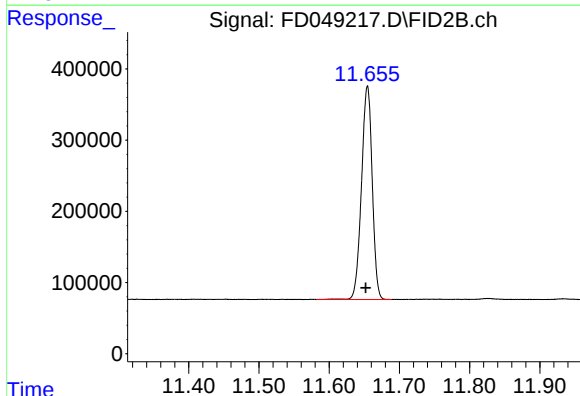
R.T.: 10.890 min
Delta R.T.: 0.003 min
Response: 3051087
Conc: 21.72 ug/ml

Instrument :
FID_D
ClientSampleId :



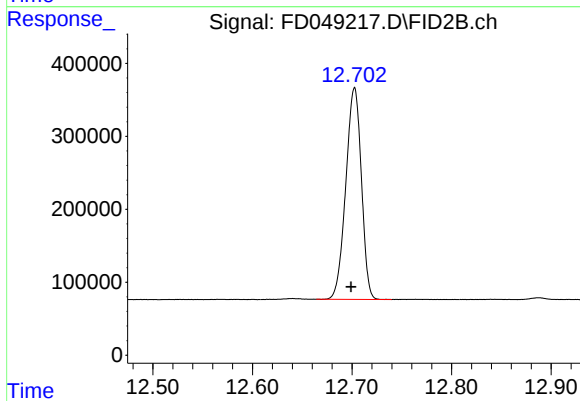
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: 0.003 min
Response: 2678973
Conc: 22.17 ug/ml



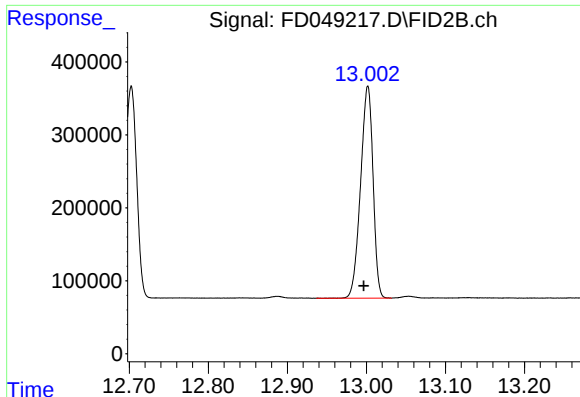
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.002 min
Response: 3187462
Conc: 21.56 ug/ml



#12 Fluoranthene (C21.85)

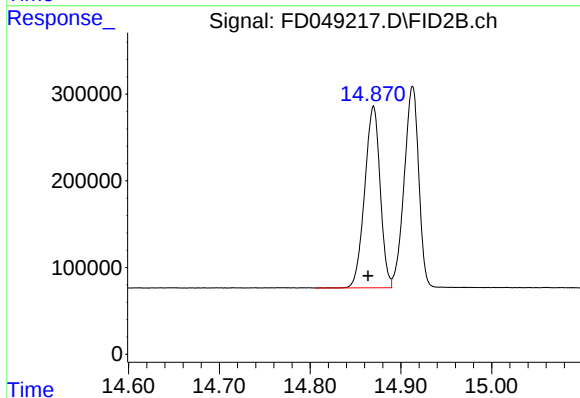
R.T.: 12.703 min
Delta R.T.: 0.004 min
Response: 3157175
Conc: 21.47 ug/ml



#13 Pyrene (C20.8)

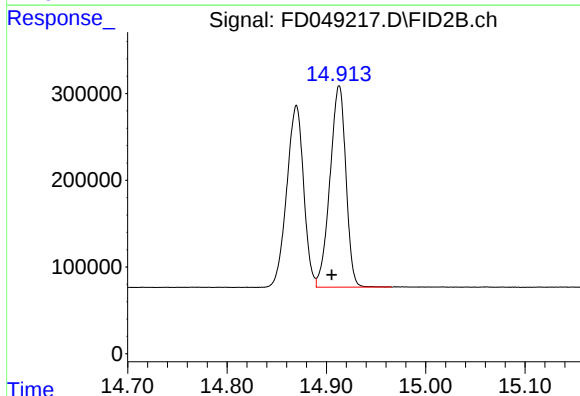
R.T.: 13.002 min
Delta R.T.: 0.005 min
Response: 3185773
Conc: 21.48 ug/ml

Instrument :
FID_D
ClientSampleId :



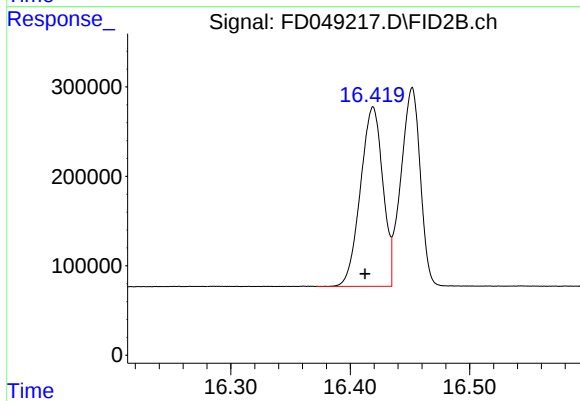
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.870 min
Delta R.T.: 0.006 min
Response: 2480235
Conc: 22.40 ug/ml



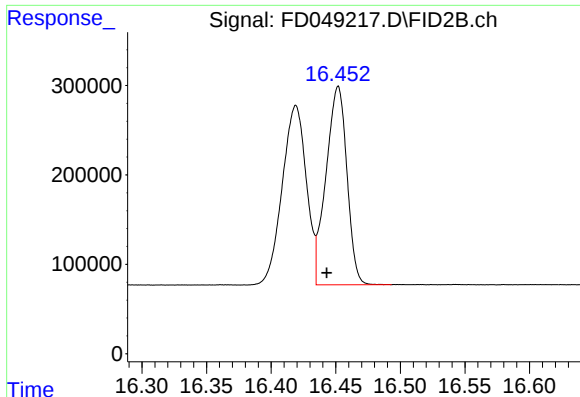
#15 Chrysene (C27.41)

R.T.: 14.913 min
Delta R.T.: 0.008 min
Response: 2590327
Conc: 22.02 ug/ml



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

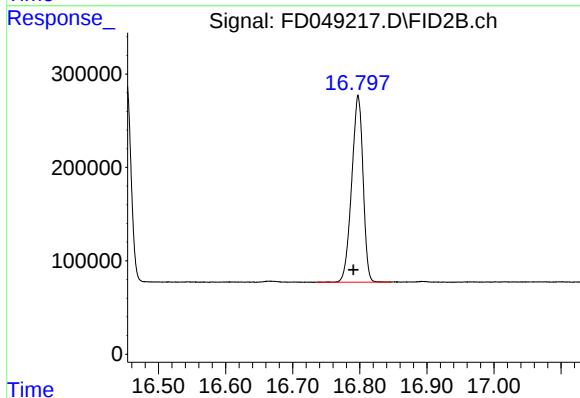
R.T.: 16.419 min
Delta R.T.: 0.007 min
Response: 2608292
Conc: 21.52 ug/ml



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

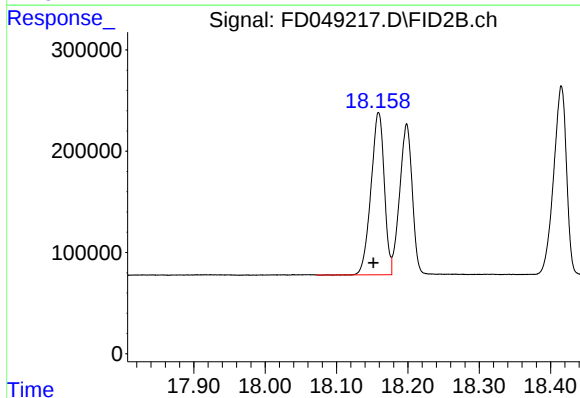
R.T.: 16.452 min
Delta R.T.: 0.009 min
Response: 2501833
Conc: 21.83 ug/ml

Instrument :
FID_D
ClientSampleId :



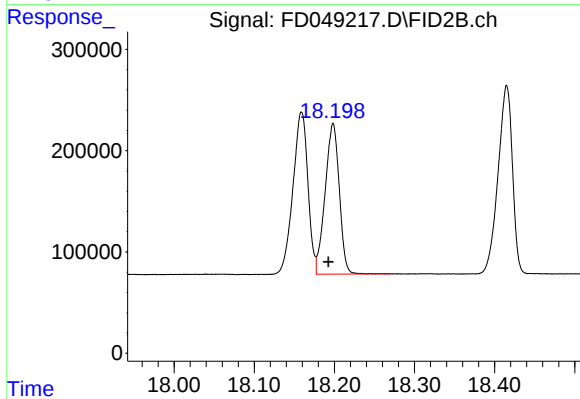
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.798 min
Delta R.T.: 0.007 min
Response: 2348473
Conc: 21.77 ug/ml



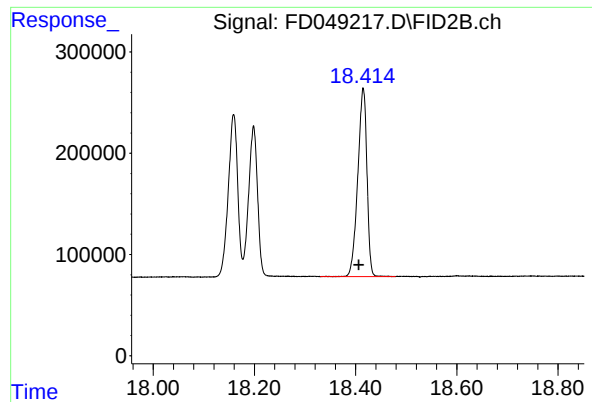
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2070327
Conc: 21.40 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.006 min
Response: 1823497
Conc: 23.15 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2337301
Conc: 20.92 ug/ml

Instrument :

FID_D

ClientSampleId :