

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049271.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 16:01
 Operator : YP/AJ
 Sample : PB167513BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 01:03:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

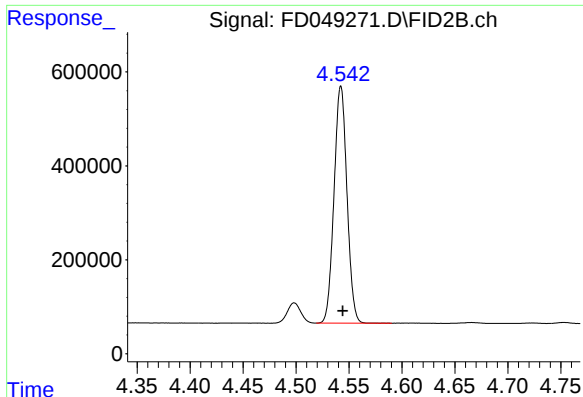
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.750	6686285	45.137 ug/ml
Spiked Amount 50.000		Recovery =	90.27%
6) S 2-Fluorobiphenyl (SURR)	8.617	4699720	46.074 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.15%
11) S ortho-Terphenyl (SURR)	11.657	6796630	38.577 ug/ml
Spiked Amount 50.000		Recovery =	77.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	4288364	28.618 ug/ml
2) T Naphthalene (C11.7)	6.086	5013350	30.619 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	4859873	30.045 ug/ml
5) T Acenaphthylene (C15.06)	8.419	5905050	33.430 ug/ml
7) T Acenaphthene (C15.5)	8.716	6283963	36.474 ug/ml
8) T Flouorene (C16.55)	9.496	6570594	37.680 ug/ml
9) T Phenanthrene (C19.36)	10.895	7099181	41.367 ug/ml
10) T Anthracene (C19.43)	10.971	7063026	44.960 ug/ml
12) T Fluoranthene (C21.85)	12.709	7454671	44.103 ug/ml
13) T Pyrene (C20.8)	13.008	7492447	44.673 ug/ml
14) T Benzo[a]anthracene (C...	14.877	6956927	48.398 ug/ml
15) T Chrysene (C27.41)	14.922	7407680	51.337 ug/ml
16) T benzo[b]fluoranthene ...	16.428	6715936	48.274 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	6664102	48.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.810	6444018	49.556 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.175	6738227	54.660 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	6260702	49.513 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	6330050	48.488 ug/ml

(f)=RT Delta > 1/2 Window

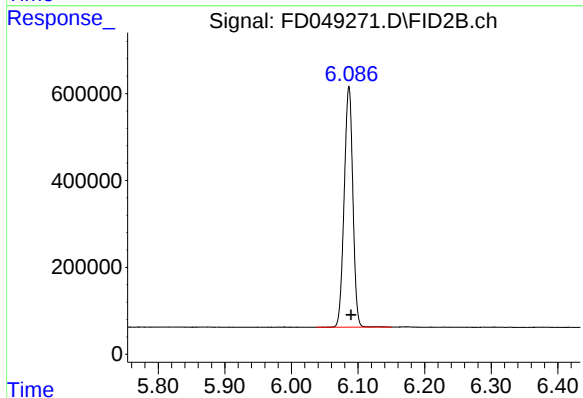
(m)=manual int.



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

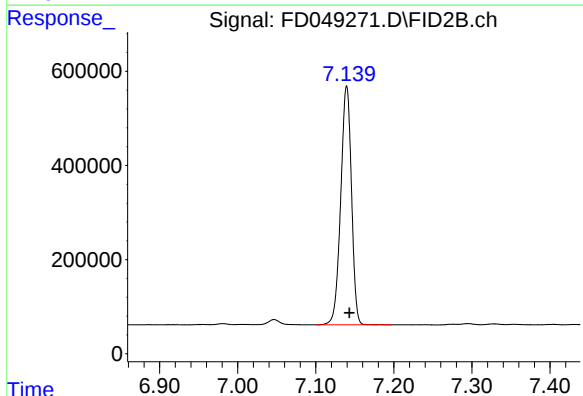
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 4288364
Conc: 28.62 ug/ml

Instrument :
FID_D
ClientSampleId :



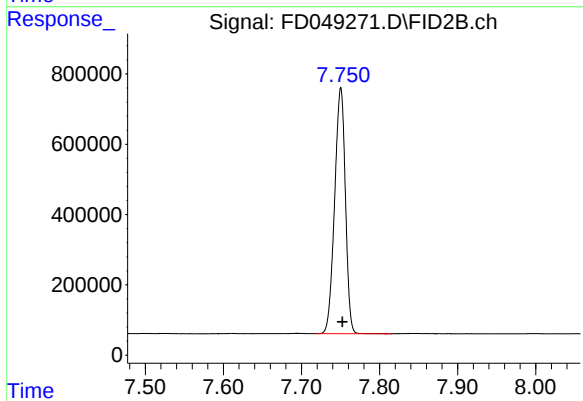
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 5013350
Conc: 30.62 ug/ml



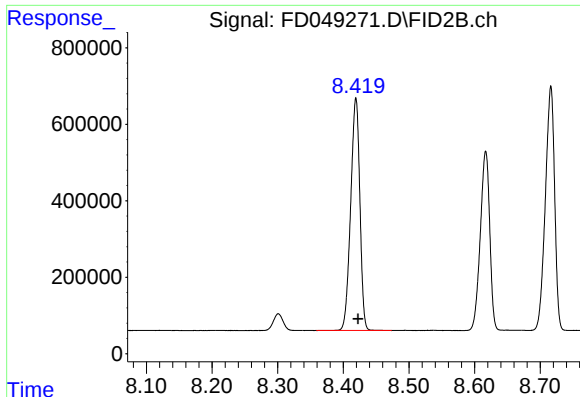
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.004 min
Response: 4859873
Conc: 30.05 ug/ml



#4 2-Bromonaphthalene (SURR)

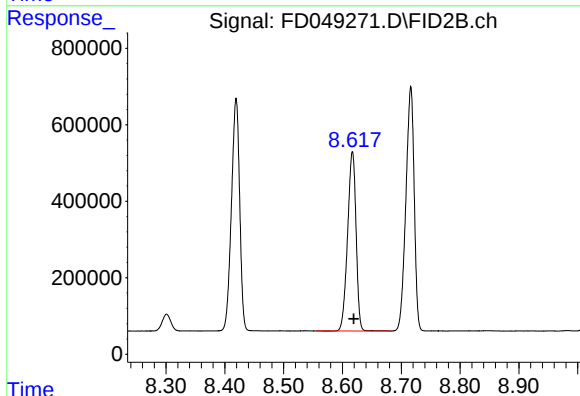
R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 6686285
Conc: 45.14 ug/ml



#5 Acenaphthylene (C15.06)

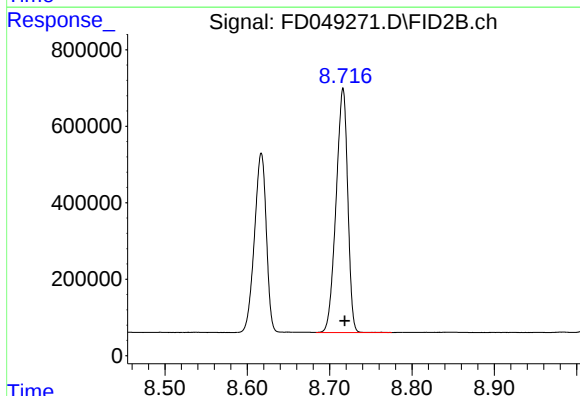
R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 5905050
Conc: 33.43 ug/ml

Instrument :
FID_D
ClientSampleId :



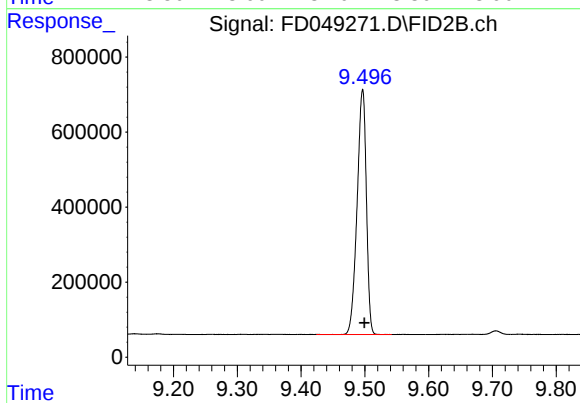
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 4699720
Conc: 46.07 ug/ml



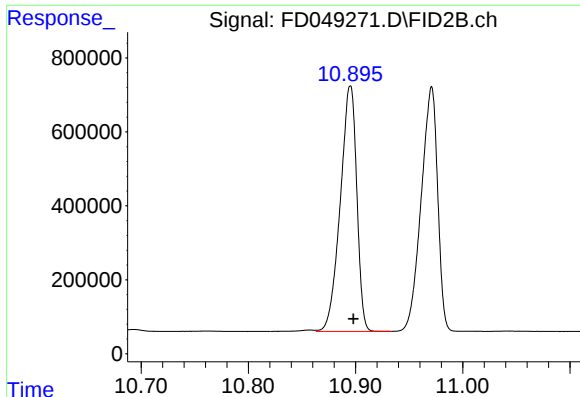
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 6283963
Conc: 36.47 ug/ml



#8 Fluorene (C16.55)

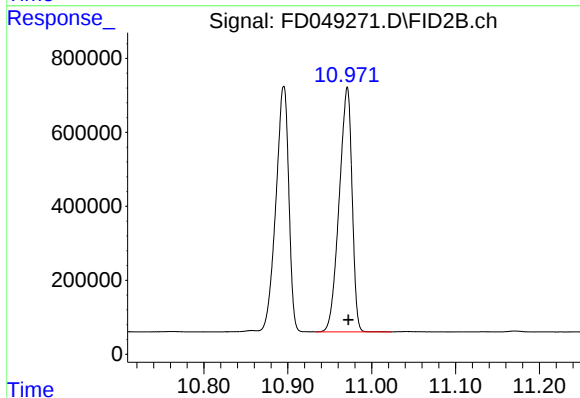
R.T.: 9.496 min
Delta R.T.: -0.003 min
Response: 6570594
Conc: 37.68 ug/ml



#9 Phenanthrene (C19.36)

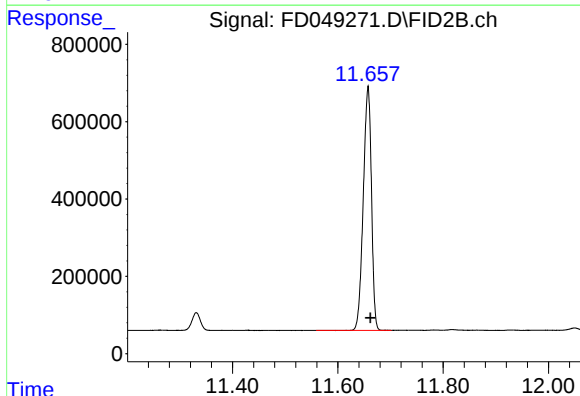
R.T.: 10.895 min
Delta R.T.: -0.003 min
Response: 7099181
Conc: 41.37 ug/ml

Instrument :
FID_D
ClientSampleId :



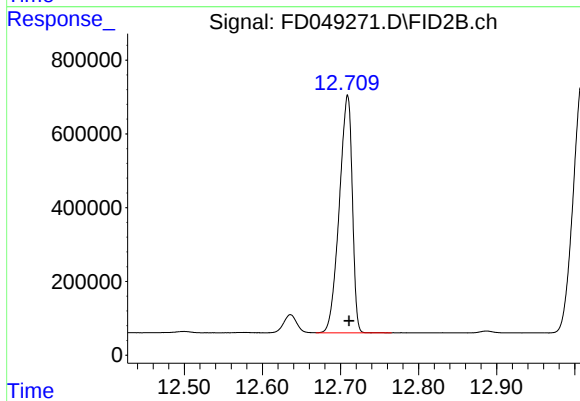
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.001 min
Response: 7063026
Conc: 44.96 ug/ml



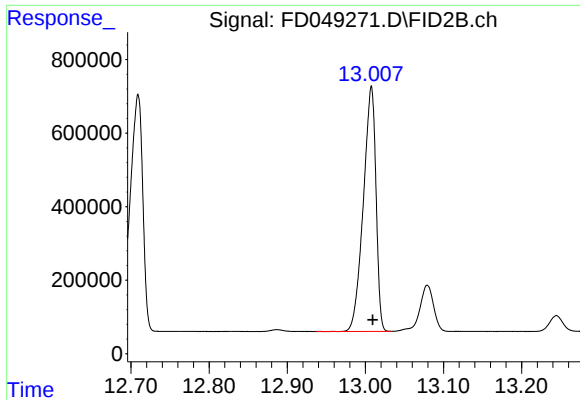
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 6796630
Conc: 38.58 ug/ml



#12 Fluoranthene (C21.85)

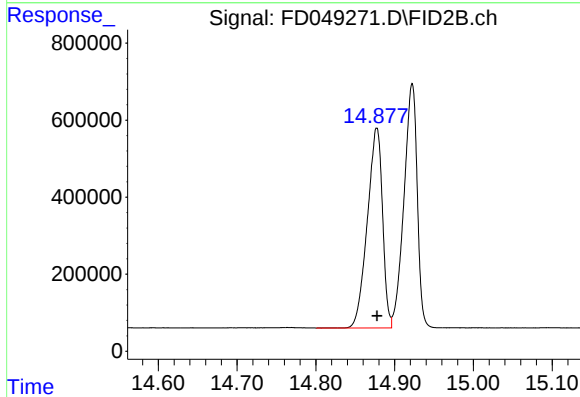
R.T.: 12.709 min
Delta R.T.: -0.002 min
Response: 7454671
Conc: 44.10 ug/ml



#13 Pyrene (C20.8)

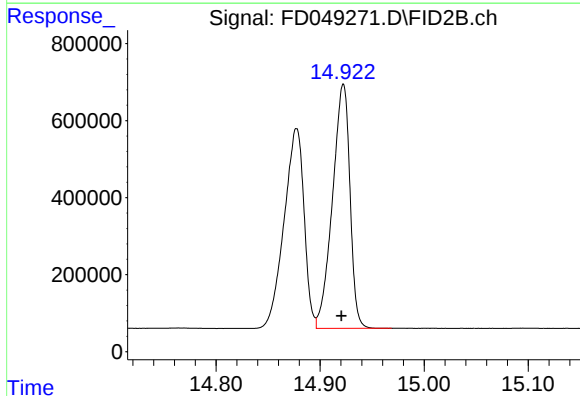
R.T.: 13.008 min
Delta R.T.: -0.002 min
Response: 7492447
Conc: 44.67 ug/ml

Instrument :
FID_D
ClientSampleId :



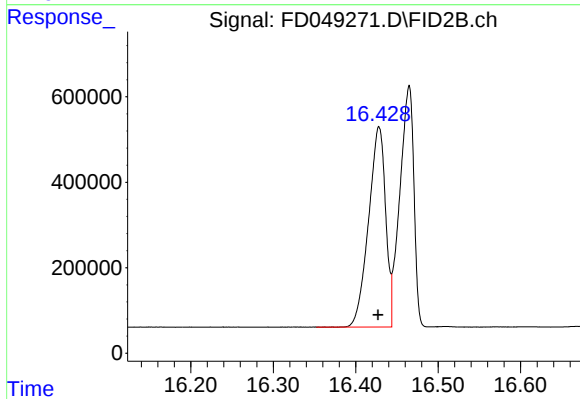
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: 0.000 min
Response: 6956927
Conc: 48.40 ug/ml



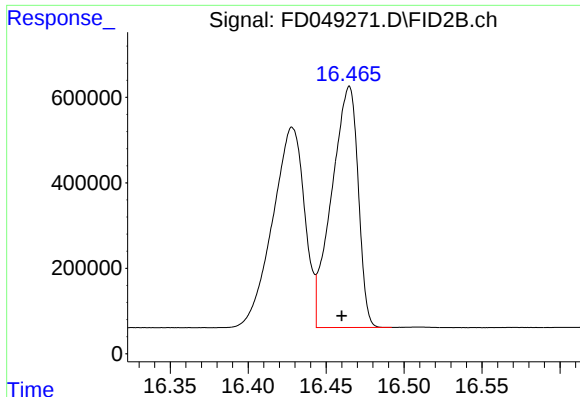
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: 0.002 min
Response: 7407680
Conc: 51.34 ug/ml



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

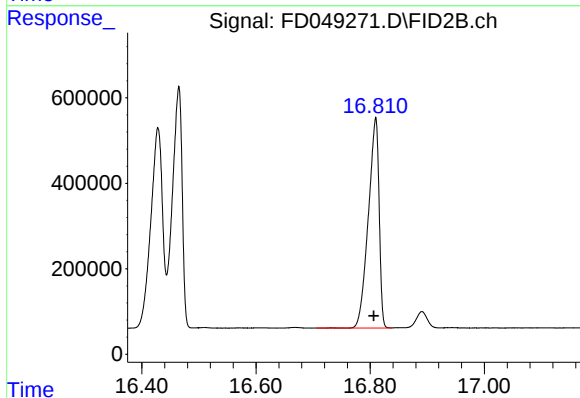
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 6715936
Conc: 48.27 ug/ml



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

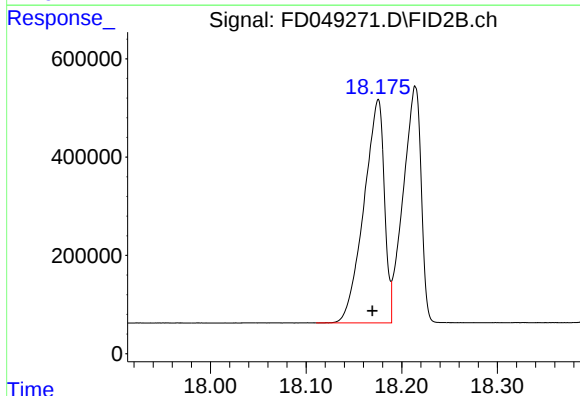
R.T.: 16.465 min
Delta R.T.: 0.005 min
Response: 6664102
Conc: 48.73 ug/ml

Instrument :
FID_D
ClientSampleId :



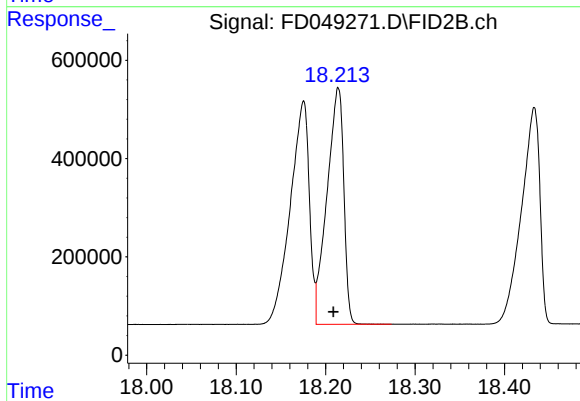
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min
Delta R.T.: 0.003 min
Response: 6444018
Conc: 49.56 ug/ml



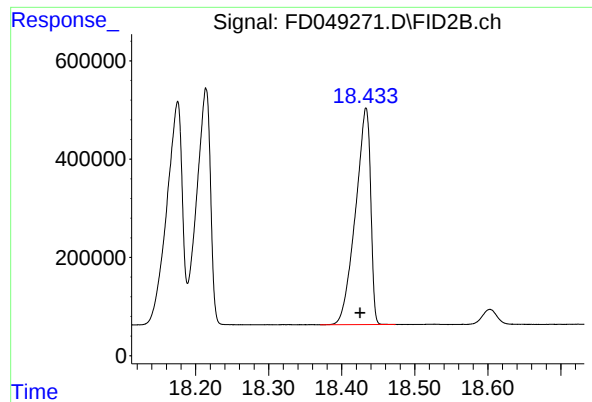
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 6738227
Conc: 54.66 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.006 min
Response: 6260702
Conc: 49.51 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.008 min
Response: 6330050
Conc: 48.49 ug/ml

Instrument :

FID_D

ClientSampleId :