

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047298.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 09:54
 Operator : YP/AJ
 Sample : PB159207BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 02:18:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

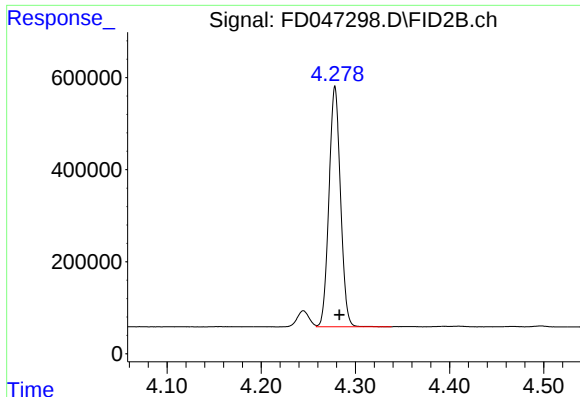
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.465	7120727	46.772 ug/ml
Spiked Amount 50.000		Recovery =	93.54%
6) S 2-Fluorobiphenyl (SURR)	8.319	4583466	45.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.69%
11) S ortho-Terphenyl (SURR)	11.356	6395360	36.261 ug/ml
Spiked Amount 50.000		Recovery =	72.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	4440710	28.169 ug/ml
2) T Naphthalene (C11.7)	5.804	5402304	32.505 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	5630173	33.385 ug/ml
5) T Acenaphthylene (C15.06)	8.122	5956824	38.702 ug/ml
7) T Acenaphthene (C15.5)	8.417	5933293	35.996 ug/ml
8) T Flouorene (C16.55)	9.196	6194226	39.069 ug/ml
9) T Phenanthrene (C19.36)	10.585	6390240	41.133 ug/ml
10) T Anthracene (C19.43)	10.660	6076758	41.208 ug/ml
12) T Fluoranthene (C21.85)	12.390	6693813	43.233 ug/ml
13) T Pyrene (C20.8)	12.684	6685312	44.442 ug/ml
14) T Benzo[a]anthracene (C...	14.549	6294364	46.825 ug/ml
15) T Chrysene (C27.41)	14.593	6358448	43.422 ug/ml
16) T benzo[b]fluoranthene ...	16.093	6082335	44.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	6124448	44.138 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	5817450	42.972 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	6053637	47.951 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	5816396	43.653 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	5602139	42.250 ug/ml

(f)=RT Delta > 1/2 Window

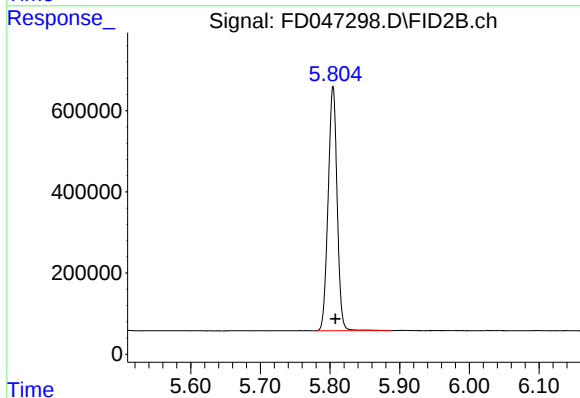
(m)=manual int.



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

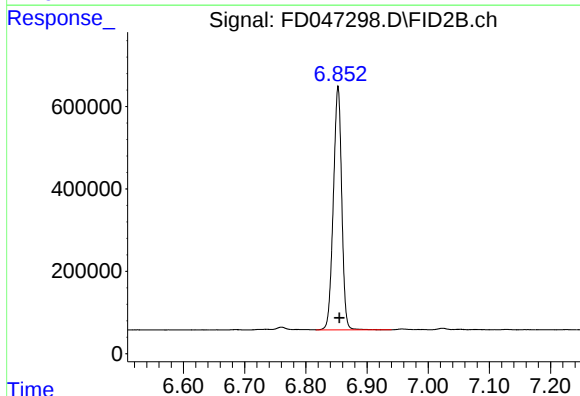
R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 4440710
Conc: 28.17 ug/ml

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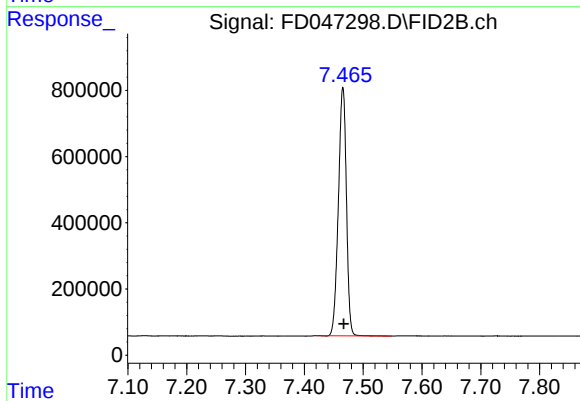
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 5402304
Conc: 32.51 ug/ml



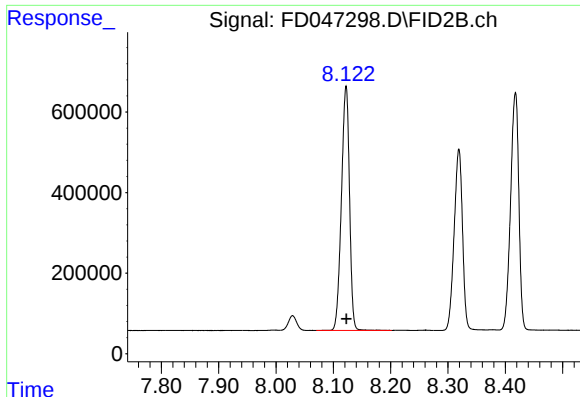
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 5630173
Conc: 33.39 ug/ml



#4 2-Bromonaphthalene (SURR)

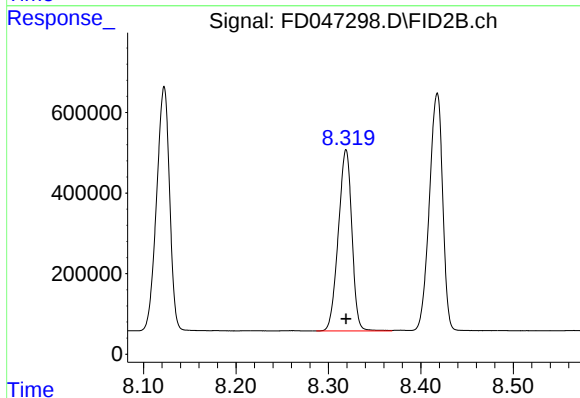
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 7120727
Conc: 46.77 ug/ml



#5 Acenaphthylene (C15.06)

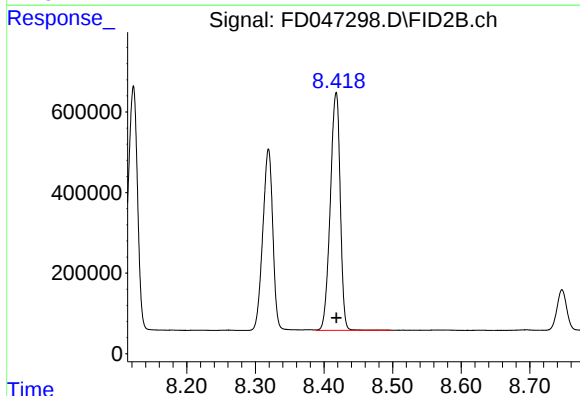
R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 5956824
Conc: 38.70 ug/ml

Instrument :
FID_D
ClientSampleId :



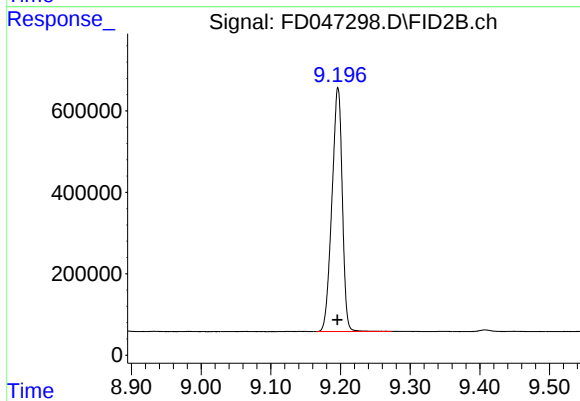
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 4583466
Conc: 45.35 ug/ml



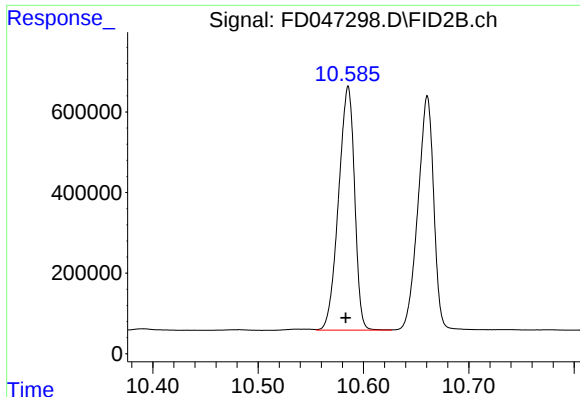
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 5933293
Conc: 36.00 ug/ml



#8 Flouorene (C16.55)

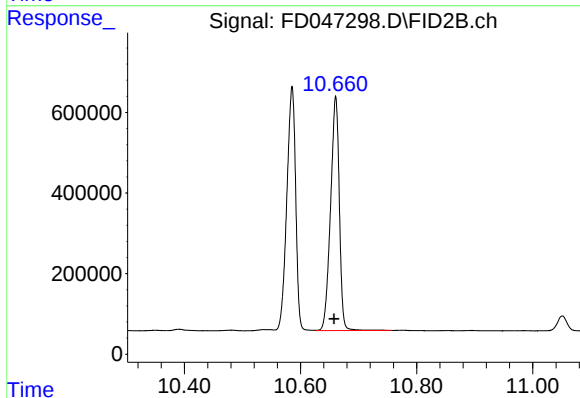
R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 6194226
Conc: 39.07 ug/ml



#9 Phenanthrene (C19.36)

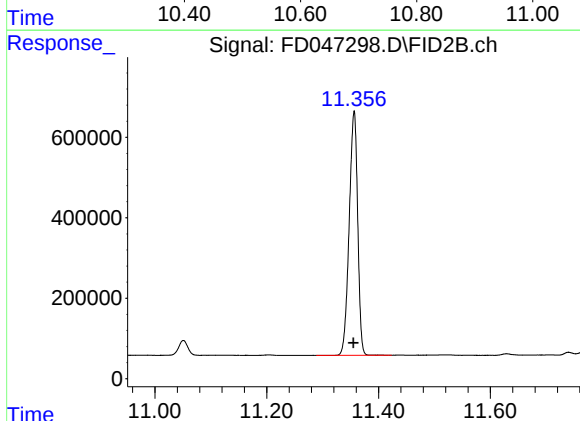
R.T.: 10.585 min
Delta R.T.: 0.002 min
Response: 6390240
Conc: 41.13 ug/ml

Instrument :
FID_D
ClientSampleId :



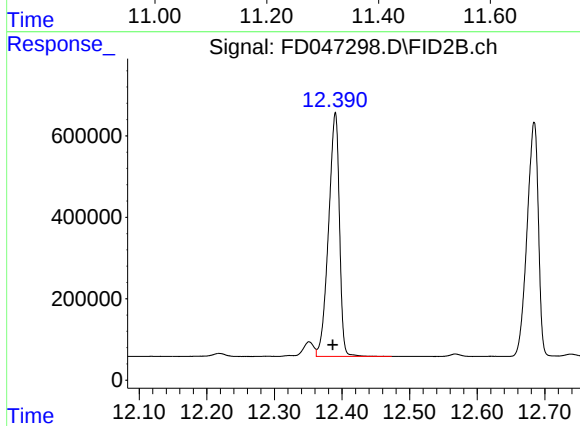
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.003 min
Response: 6076758
Conc: 41.21 ug/ml



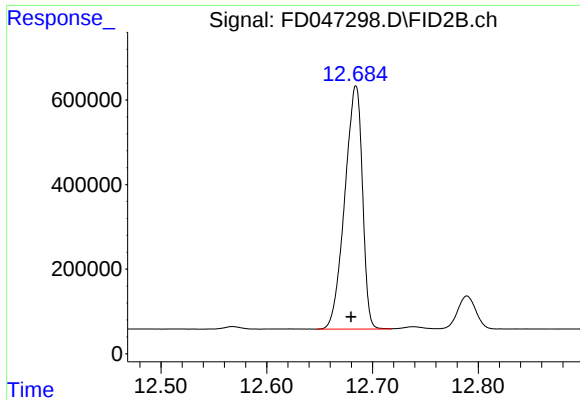
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6395360
Conc: 36.26 ug/ml



#12 Fluoranthene (C21.85)

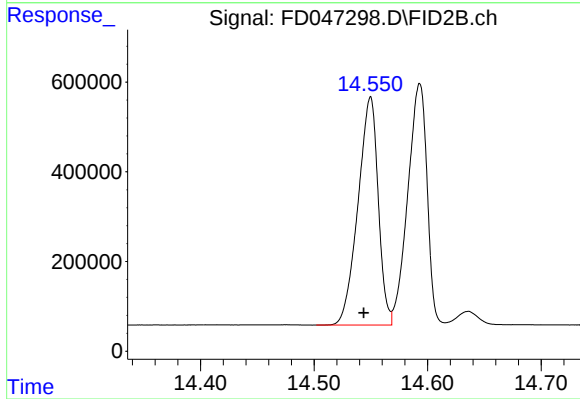
R.T.: 12.390 min
Delta R.T.: 0.003 min
Response: 6693813
Conc: 43.23 ug/ml



#13 Pyrene (C20.8)

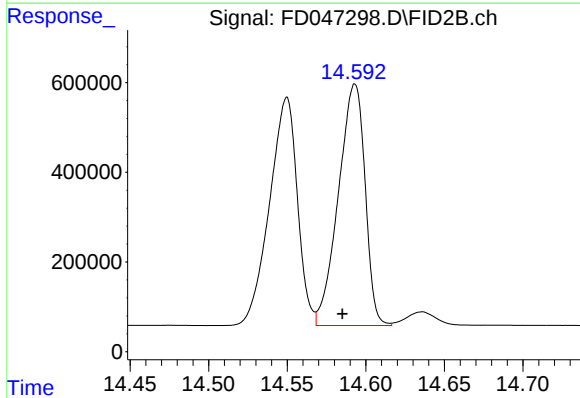
R.T.: 12.684 min
Delta R.T.: 0.004 min
Response: 6685312
Conc: 44.44 ug/ml

Instrument :
FID_D
ClientSampleId :



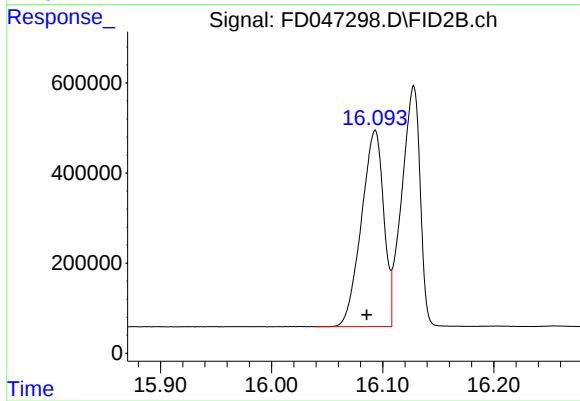
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.006 min
Response: 6294364
Conc: 46.82 ug/ml



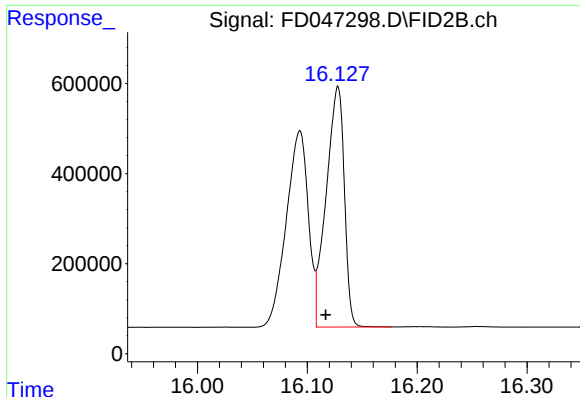
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.008 min
Response: 6358448
Conc: 43.42 ug/ml



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

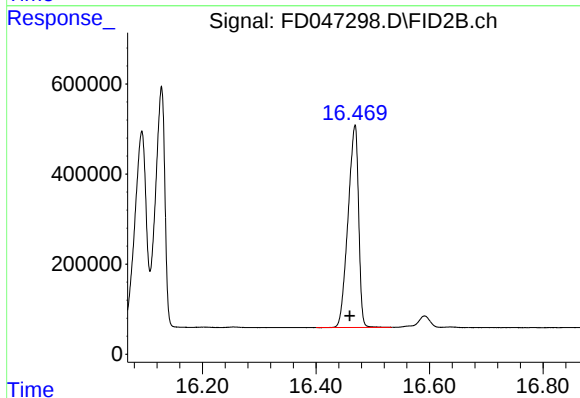
R.T.: 16.093 min
Delta R.T.: 0.007 min
Response: 6082335
Conc: 44.18 ug/ml



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

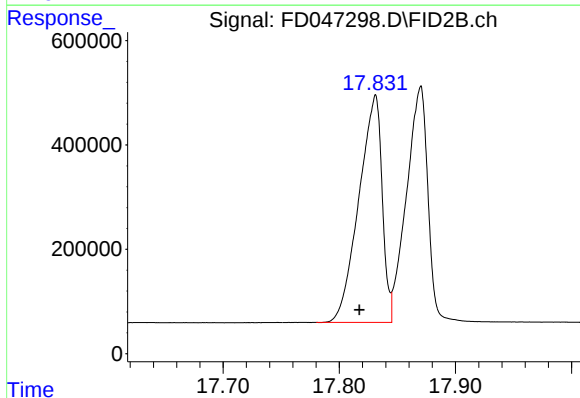
R.T.: 16.127 min
Delta R.T.: 0.011 min
Response: 6124448
Conc: 44.14 ug/ml

Instrument :
FID_D
ClientSampleId :



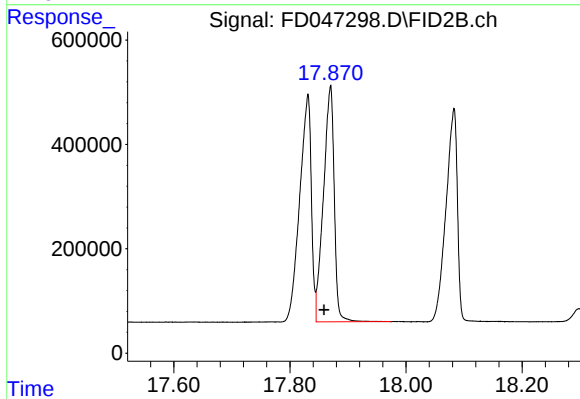
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.008 min
Response: 5817450
Conc: 42.97 ug/ml



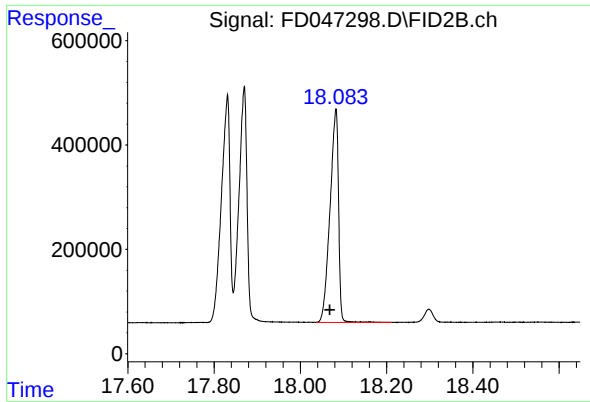
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.013 min
Response: 6053637
Conc: 47.95 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 5816396
Conc: 43.65 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.013 min
Response: 5602139
Conc: 42.25 ug/ml

Instrument :

FID_D

ClientSampleId :