

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
 Data File : FD049380.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2025 19:36
 Operator : YP/AJ
 Sample : Q2102-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LAW-25-0078

Integration File: autoint1.e
 Quant Time: May 23 04:33:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

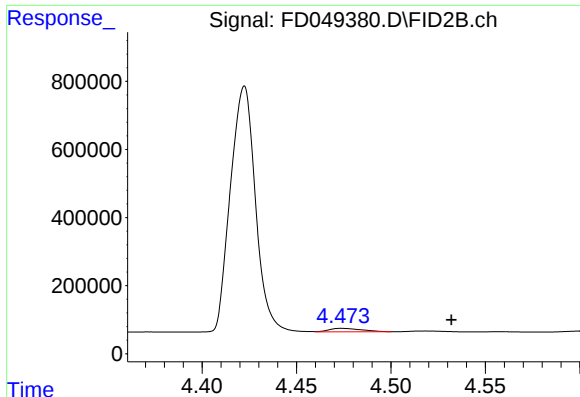
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.739	6867634	57.920 ug/ml
Spiked Amount 50.000		Recovery =	115.84%
6) S 2-Fluorobiphenyl (SURR)	8.604	3009870	38.113 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.23%
11) S ortho-Terphenyl (SURR)	11.654	8677066	62.868 ug/ml
Spiked Amount 50.000		Recovery =	125.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474f	118182	0.947 ug/ml
5) T Acenaphthylene (C15.06)	8.364	108951	0.772 ug/ml
7) T Acenaphthene (C15.5)	8.726	136060	0.993 ug/ml
8) T Flouorene (C16.55)	9.485	99962	0.734 ug/ml
9) T Phenanthrene (C19.36)	10.878	925271	6.863 ug/ml
10) T Anthracene (C19.43)	10.958	769305	6.505 ug/ml
12) T Fluoranthene (C21.85)	12.635f	167337	1.242 ug/ml
13) T Pyrene (C20.8)	12.987	250376	1.851 ug/ml
16) T benzo[b]fluoranthene ...	16.407	5638390	46.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2792613	23.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.804	6604152	57.435 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.130	338213	3.082 ug/ml
20) T Dibenz[a,h]anthracene...	18.130f	338213	3.202 ug/ml

(f)=RT Delta > 1/2 Window

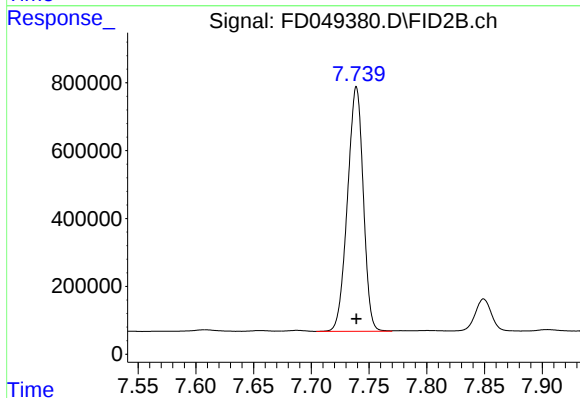
(m)=manual int.



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

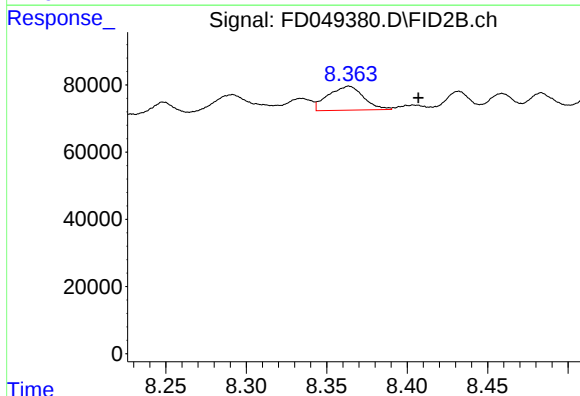
R.T.: 4.474 min
Delta R.T.: -0.058 min
Response: 118182
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078



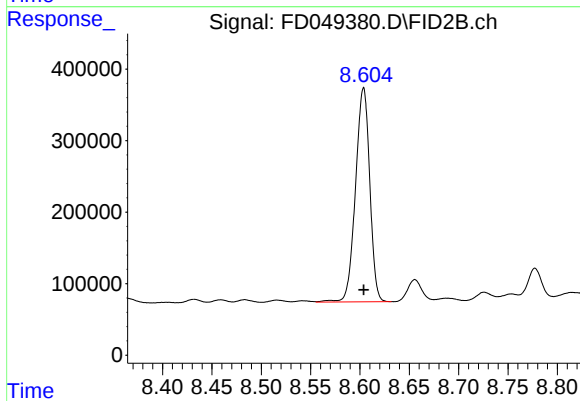
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 6867634
Conc: 57.92 ug/ml



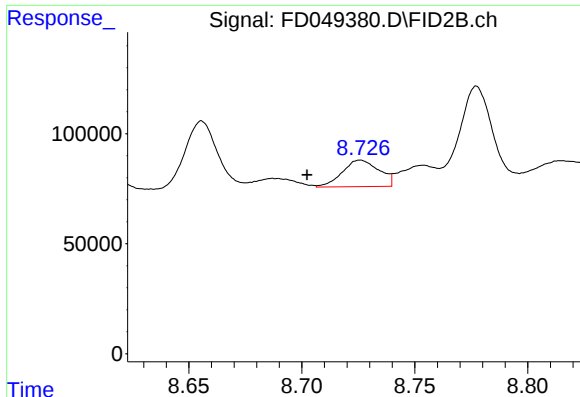
#5 Acenaphthylene (C15.06)

R.T.: 8.364 min
Delta R.T.: -0.043 min
Response: 108951
Conc: 0.77 ug/ml



#6 2-Fluorobiphenyl (SURR)

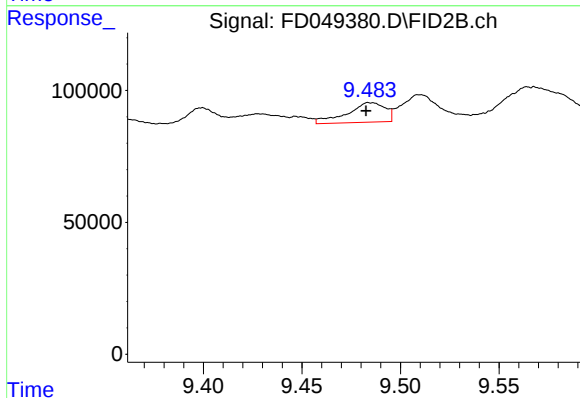
R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 3009870
Conc: 38.11 ug/ml



#7 Acenaphthene (C15.5)

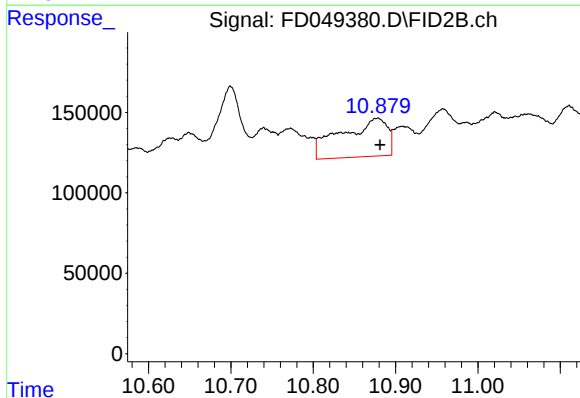
R.T.: 8.726 min
Delta R.T.: 0.024 min
Response: 136060
Conc: 0.99 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078



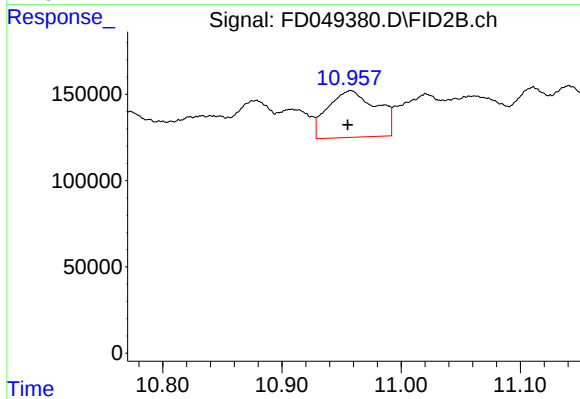
#8 Flouorene (C16.55)

R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 99962
Conc: 0.73 ug/ml



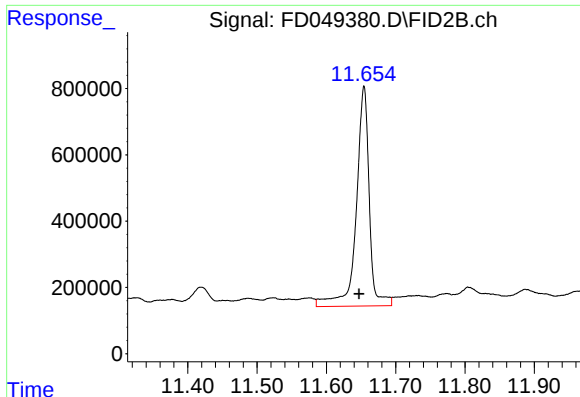
#9 Phenanthrene (C19.36)

R.T.: 10.878 min
Delta R.T.: -0.003 min
Response: 925271
Conc: 6.86 ug/ml



#10 Anthracene (C19.43)

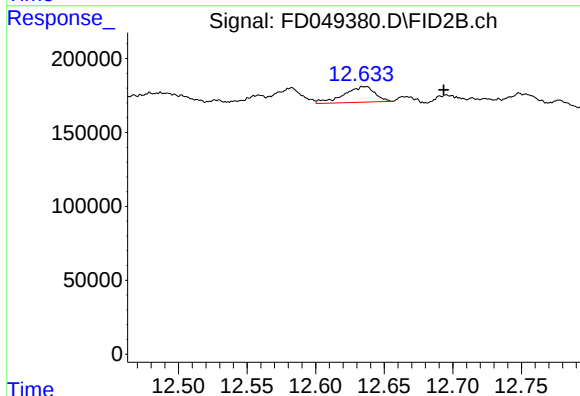
R.T.: 10.958 min
Delta R.T.: 0.002 min
Response: 769305
Conc: 6.50 ug/ml



#11 ortho-Terphenyl (SURR)

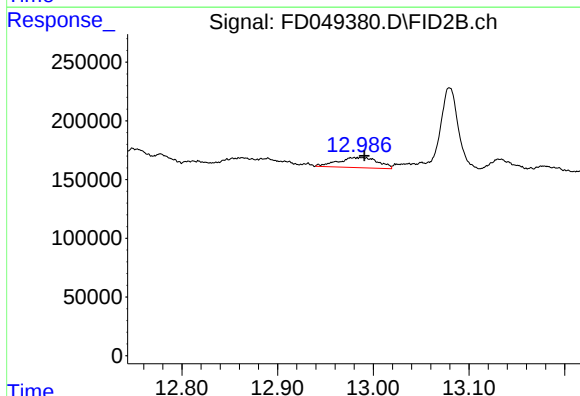
R.T.: 11.654 min
Delta R.T.: 0.007 min
Response: 8677066
Conc: 62.87 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078



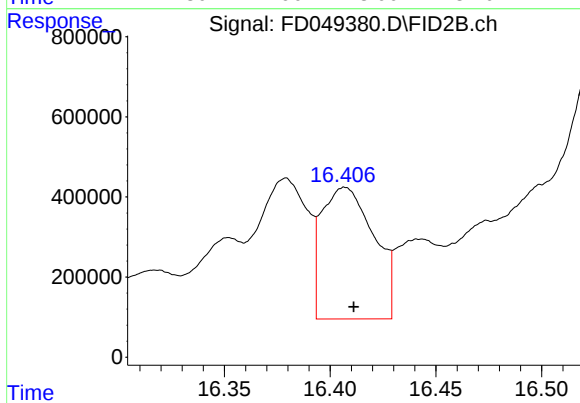
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.058 min
Response: 167337
Conc: 1.24 ug/ml



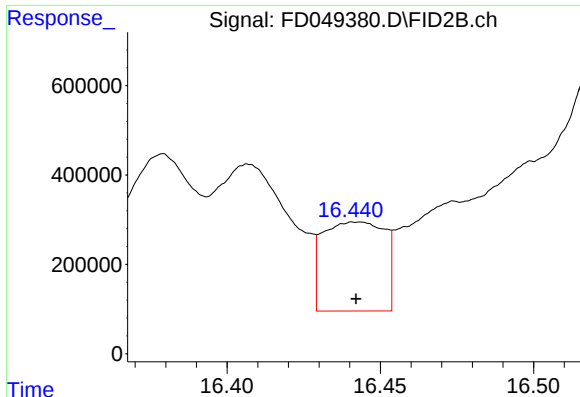
#13 Pyrene (C20.8)

R.T.: 12.987 min
Delta R.T.: -0.004 min
Response: 250376
Conc: 1.85 ug/ml



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

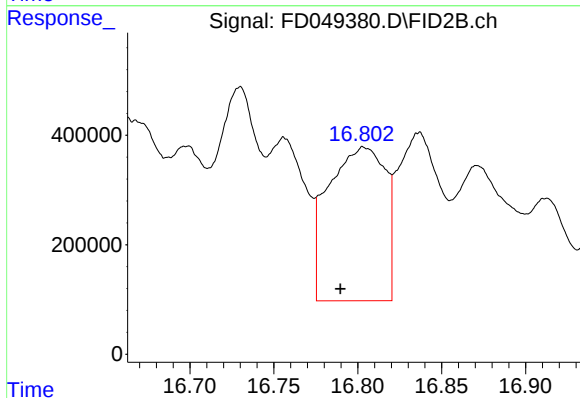
R.T.: 16.407 min
Delta R.T.: -0.004 min
Response: 5638390
Conc: 46.45 ug/ml



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

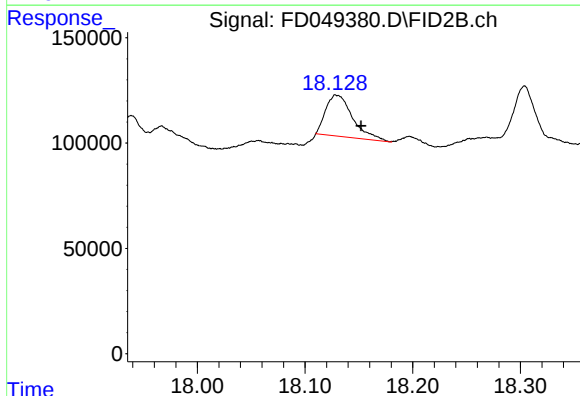
R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 2792613
Conc: 23.42 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078



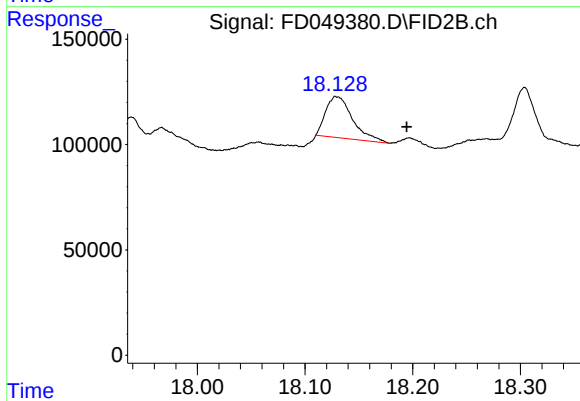
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.804 min
Delta R.T.: 0.014 min
Response: 6604152
Conc: 57.44 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.023 min
Response: 338213
Conc: 3.08 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.065 min
Response: 338213
Conc: 3.20 ug/ml