

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039740.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 6:16
 Operator : AJ\MA
 Sample : M4927-14
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 06:43:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.740	5324206	47.588 ug/ml
Spiked Amount 50.000		Recovery =	95.18%
6) S 2-Fluorobiphenyl (SURR)	8.609	3549853	47.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.67%
11) S ortho-Terphenyl (SURR)	11.653	5373433	43.447 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593f	24210	0.195 ug/ml
2) T Naphthalene (C11.7)	6.083	36702	0.287 ug/ml
3) T 2-Methylnaphthalene (...)	7.120	9691	0.075 ug/ml
7) T Acenaphthene (C15.5)	8.749	9947	0.078 ug/ml
9) T Phenanthrene (C19.36)	10.864	52971	0.442 ug/ml
12) T Fluoranthene (C21.85)	12.722	116393	0.976 ug/ml
13) T Pyrene (C20.8)	13.032	782112	6.879 ug/ml
14) T Benzo[a]anthracene (C...	14.918	122705	1.255 ug/ml
15) T Chrysene (C27.41)	14.918	122705	1.078 ug/ml
16) T benzo[b]fluoranthene ...	16.425	100134	1.018 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.889	136078	1.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.193	184299	1.977 ug/ml
20) T Dibenz[a,h]anthracene...	18.193f	184299	1.799 ug/ml

(f)=RT Delta > 1/2 Window

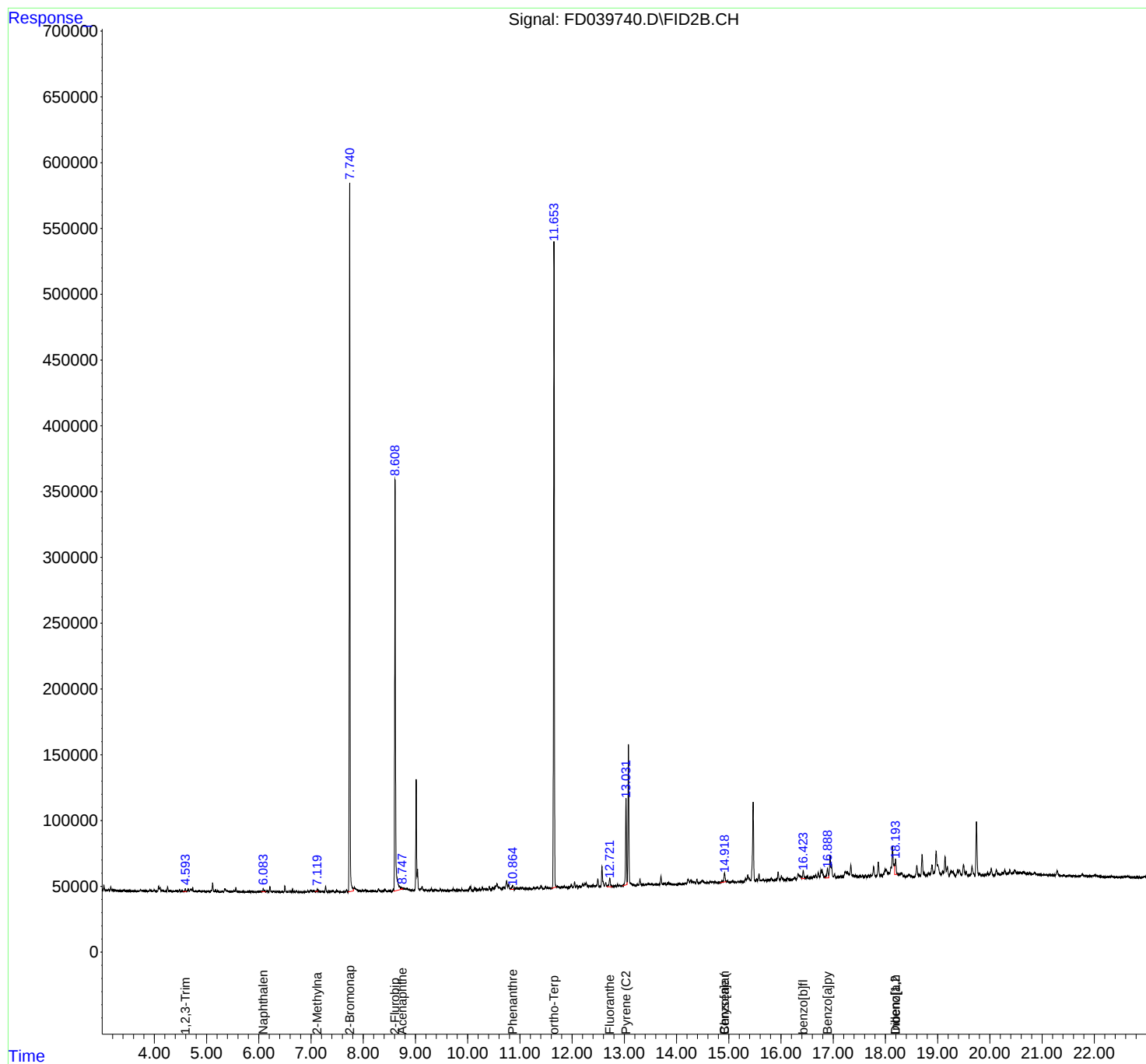
(m)=manual int.

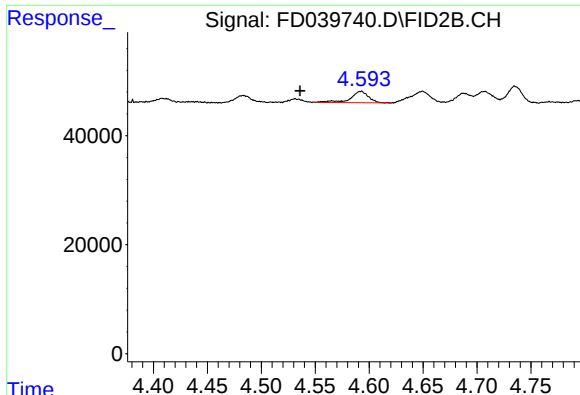
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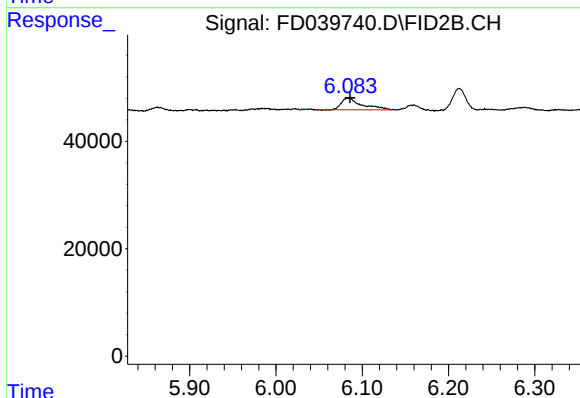




#1 1,2,3-Trimethylbenzene (C10.1)

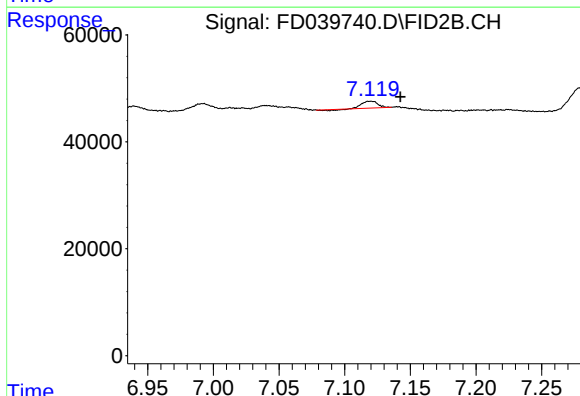
R.T.: 4.593 min
Delta R.T.: 0.057 min
Response: 24210
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



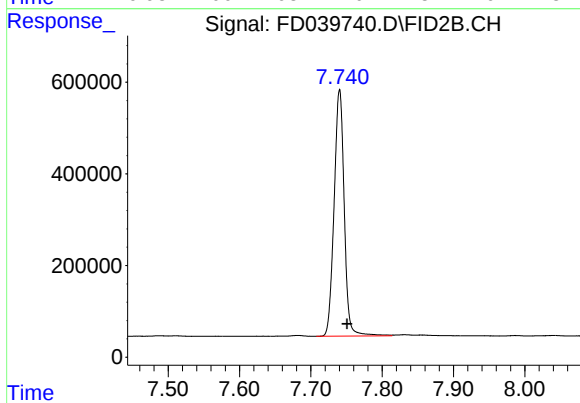
#2 Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 36702
Conc: 0.29 ug/ml



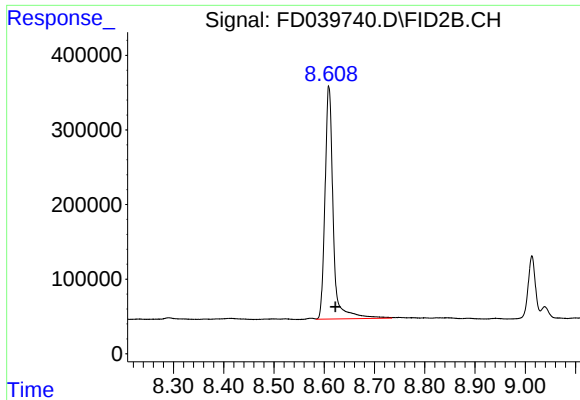
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.022 min
Response: 9691
Conc: 0.07 ug/ml



#4 2-Bromonaphthalene (SURR)

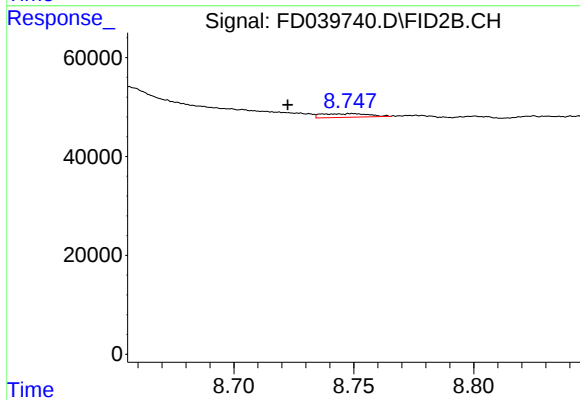
R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 5324206
Conc: 47.59 ug/ml



#6 2-Fluorobiphenyl (SURR)

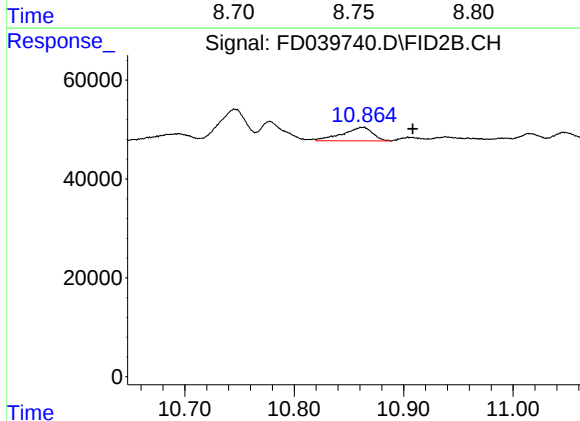
R.T.: 8.609 min
Delta R.T.: -0.013 min
Response: 3549853
Conc: 47.33 ug/ml

Instrument :
FID_D
ClientSampleId :



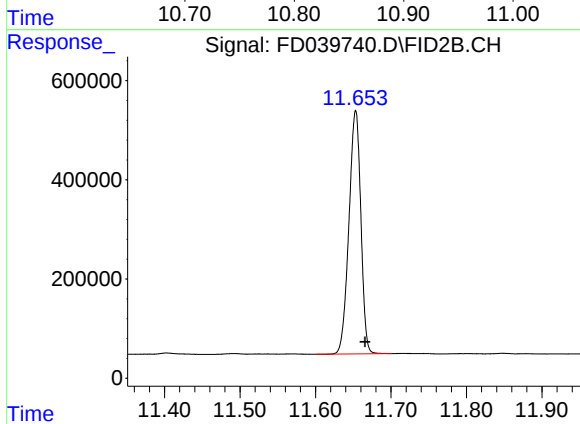
#7 Acenaphthene (C15.5)

R.T.: 8.749 min
Delta R.T.: 0.026 min
Response: 9947
Conc: 0.08 ug/ml



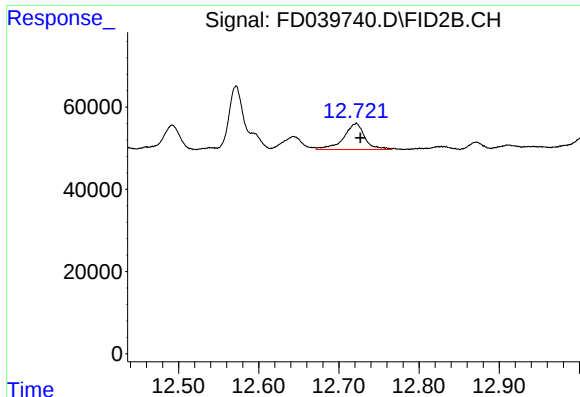
#9 Phenanthrene (C19.36)

R.T.: 10.864 min
Delta R.T.: -0.044 min
Response: 52971
Conc: 0.44 ug/ml



#11 ortho-Terphenyl (SURR)

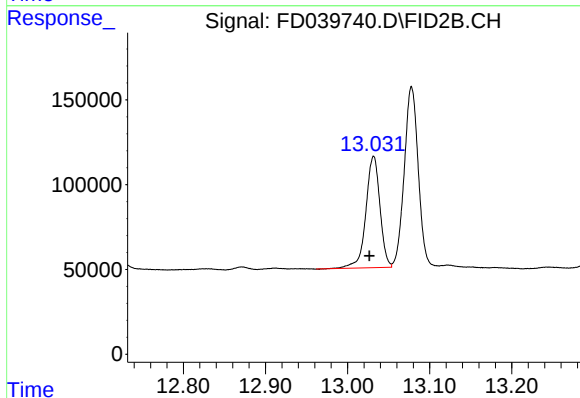
R.T.: 11.653 min
Delta R.T.: -0.012 min
Response: 5373433
Conc: 43.45 ug/ml



#12 Fluoranthene (C21.85)

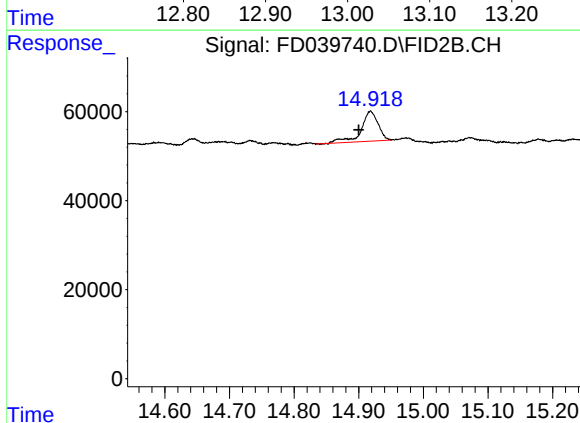
R.T.: 12.722 min
Delta R.T.: -0.005 min
Response: 116393
Conc: 0.98 ug/ml

Instrument :
FID_D
ClientSampleId :



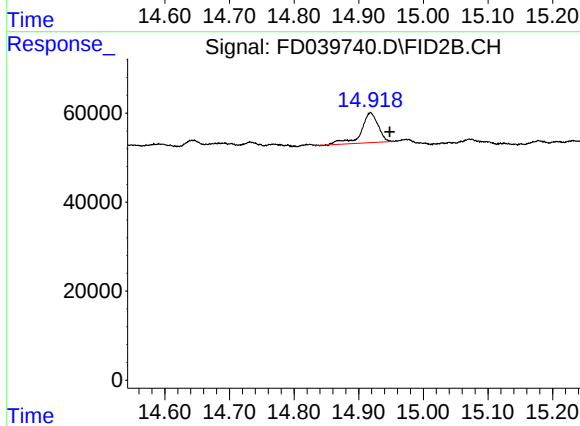
#13 Pyrene (C20.8)

R.T.: 13.032 min
Delta R.T.: 0.005 min
Response: 782112
Conc: 6.88 ug/ml



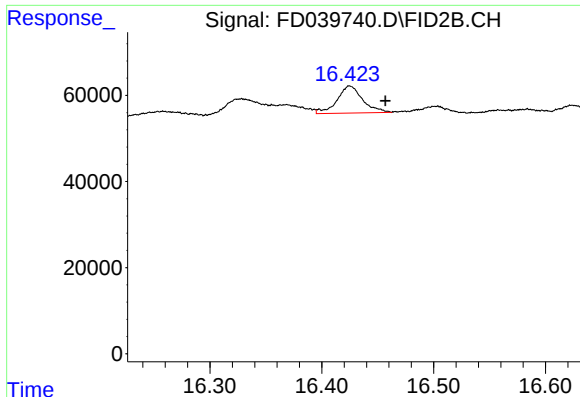
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.918 min
Delta R.T.: 0.018 min
Response: 122705
Conc: 1.26 ug/ml



#15 Chrysene (C27.41)

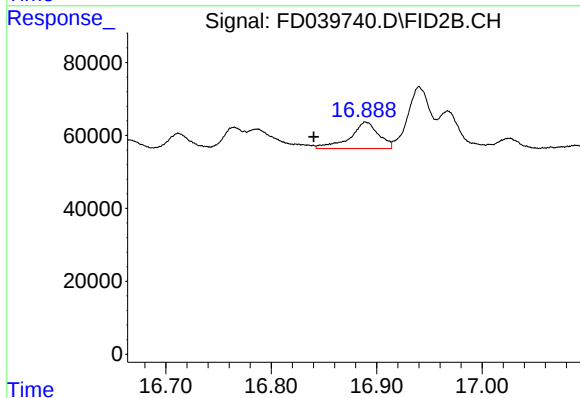
R.T.: 14.918 min
Delta R.T.: -0.030 min
Response: 122705
Conc: 1.08 ug/ml



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

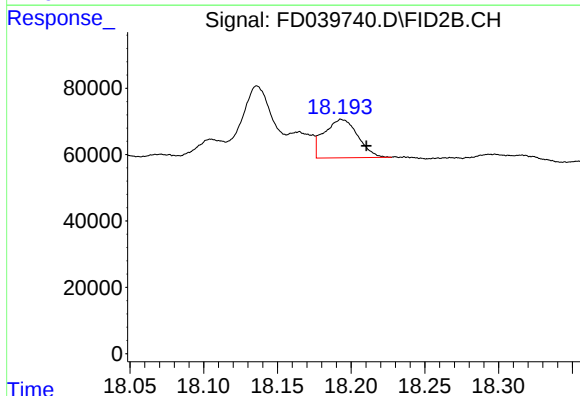
R.T.: 16.425 min
Delta R.T.: -0.032 min
Response: 100134
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



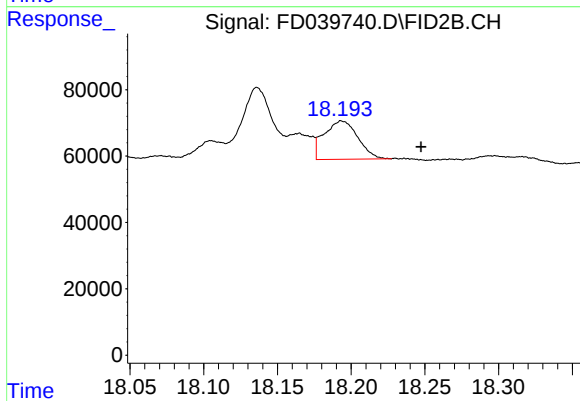
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.889 min
Delta R.T.: 0.049 min
Response: 136078
Conc: 1.41 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.017 min
Response: 184299
Conc: 1.98 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.054 min
Response: 184299
Conc: 1.80 ug/ml