

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049322.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 14:20
 Operator : YP/AJ
 Sample : Q1872-16
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 09:18:27 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...	7.741	7238638	61.049 ug/ml
Spiked Amount 50.000		Recovery =	122.10%
6) S 2-Fluorobiphenyl (SURR)	8.607	3697872	46.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.65%
11) S ortho-Terphenyl (SURR)	11.652	7303683	52.917 ug/ml
Spiked Amount 50.000		Recovery =	105.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	274884	2.202 ug/ml
2) T Naphthalene (C11.7)	6.075	8791	0.066 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	1052281	8.157 ug/ml
5) T Acenaphthylene (C15.06)	8.403	461202	3.267 ug/ml
7) T Acenaphthene (C15.5)	8.690	207941	1.518 ug/ml
8) T Flouorene (C16.55)	9.486	350726	2.577 ug/ml
9) T Phenanthrene (C19.36)	10.876	228973	1.698 ug/ml
10) T Anthracene (C19.43)	10.957	264741	2.238 ug/ml
12) T Fluoranthene (C21.85)	12.695	354167	2.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	712244	6.490 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	234743	2.223 ug/ml

(f)=RT Delta > 1/2 Window

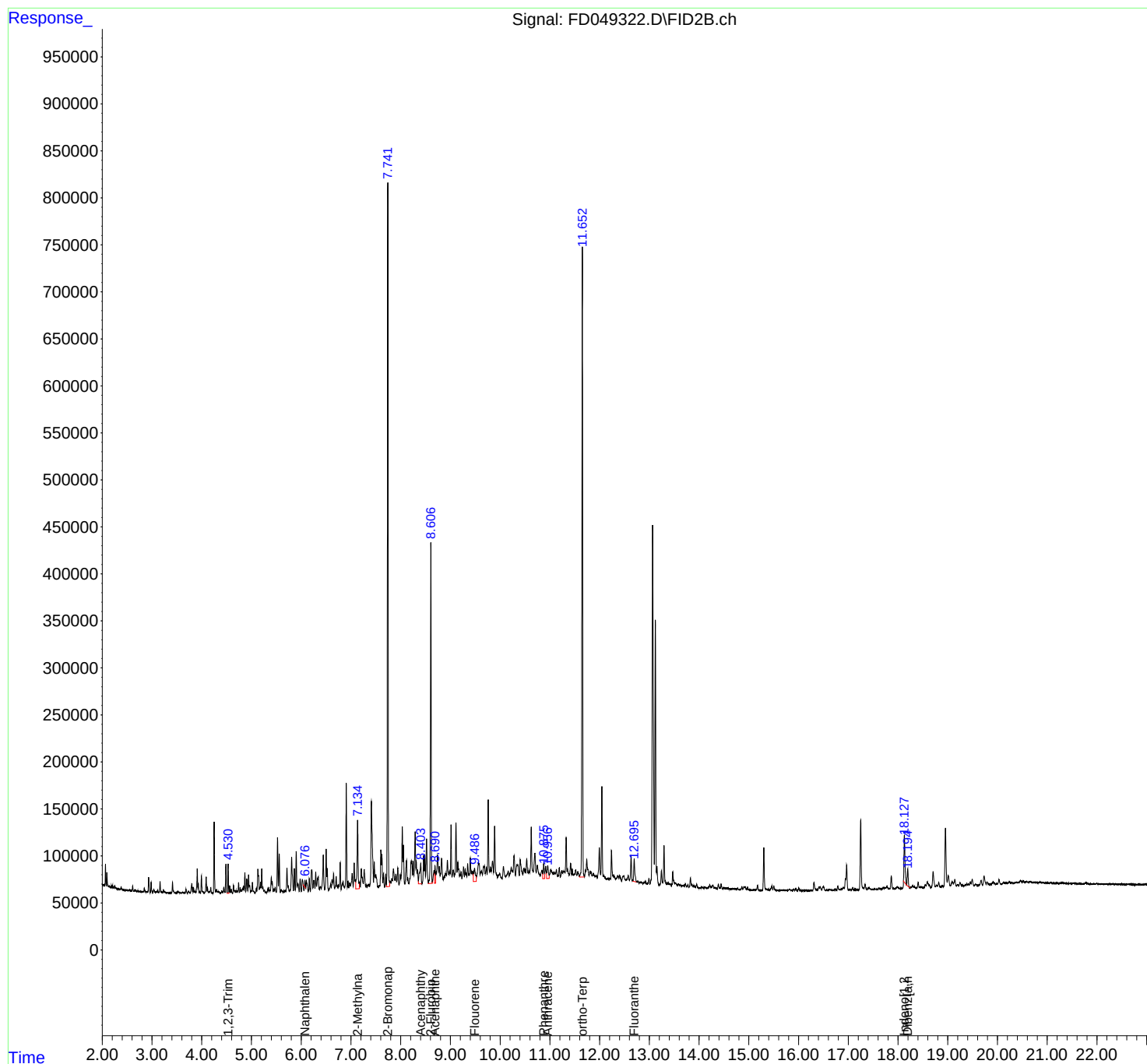
(m)=manual int.

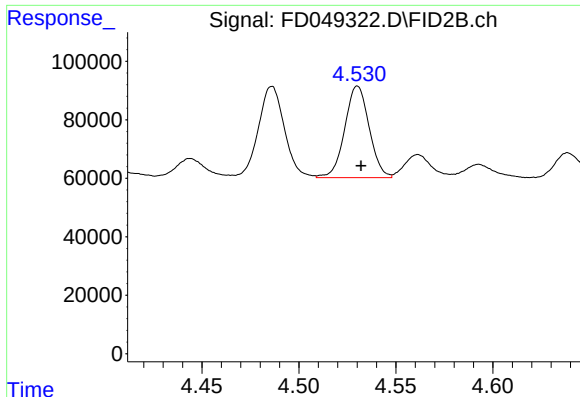
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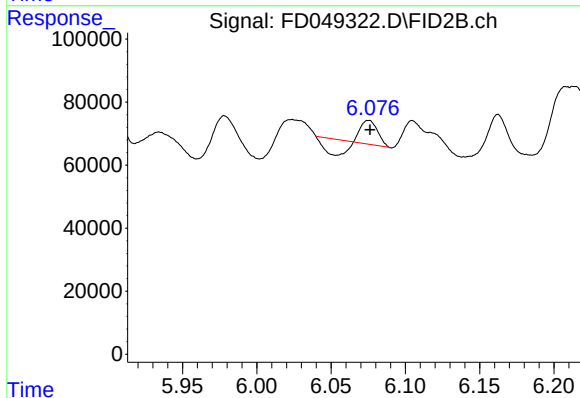




#1 1,2,3-Trimethylbenzene (C10.1)

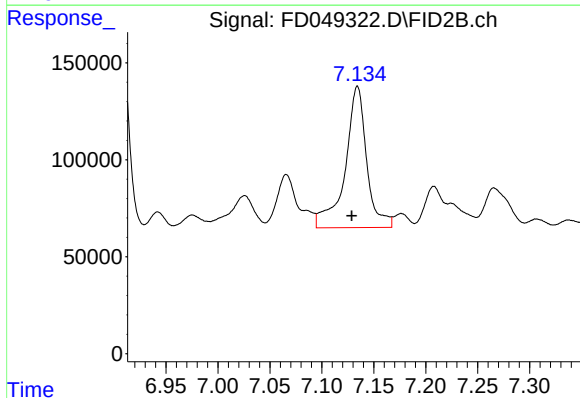
R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 274884
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



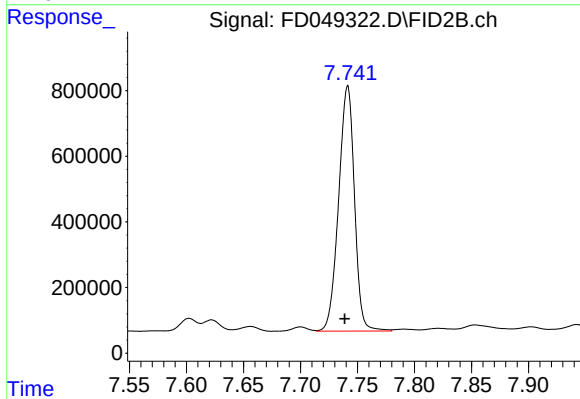
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 8791
Conc: 0.07 ug/ml



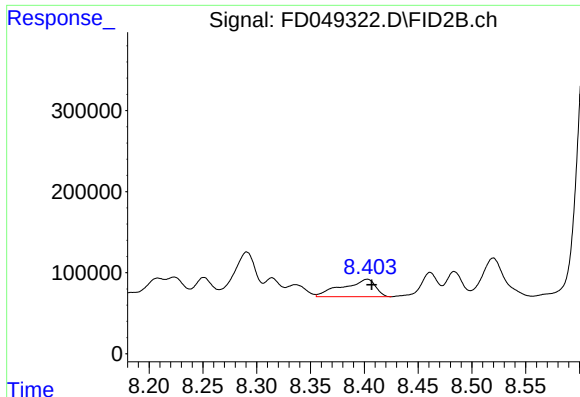
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.006 min
Response: 1052281
Conc: 8.16 ug/ml



#4 2-Bromonaphthalene (SURR)

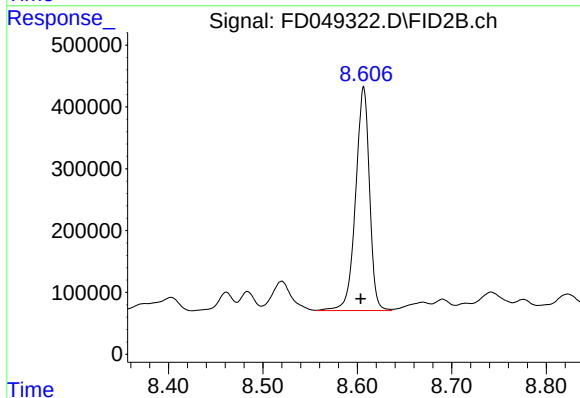
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 7238638
Conc: 61.05 ug/ml



#5 Acenaphthylene (C15.06)

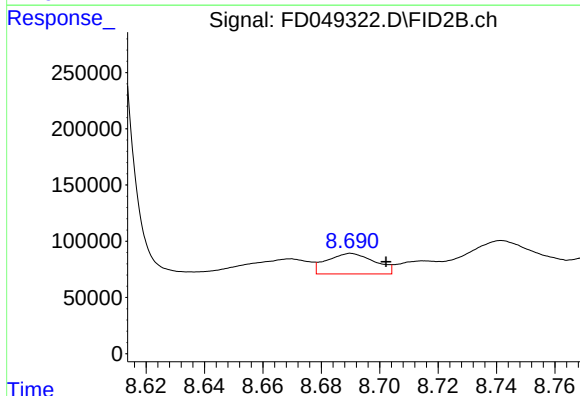
R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 461202
Conc: 3.27 ug/ml

Instrument :
FID_D
ClientSampleId :



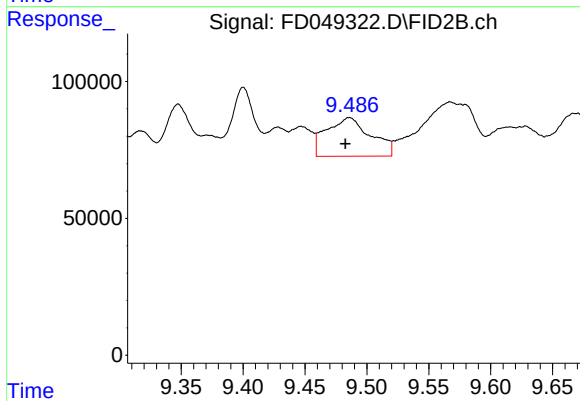
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.003 min
Response: 3697872
Conc: 46.82 ug/ml



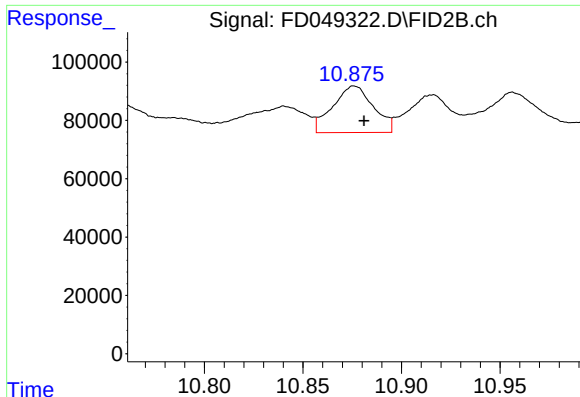
#7 Acenaphthene (C15.5)

R.T.: 8.690 min
Delta R.T.: -0.012 min
Response: 207941
Conc: 1.52 ug/ml



#8 Flouorene (C16.55)

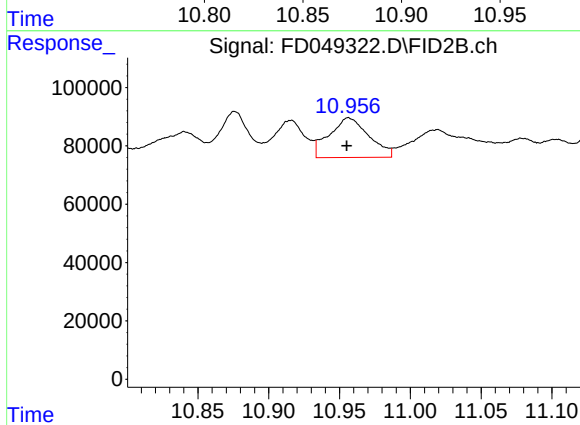
R.T.: 9.486 min
Delta R.T.: 0.003 min
Response: 350726
Conc: 2.58 ug/ml



#9 Phenanthrene (C19.36)

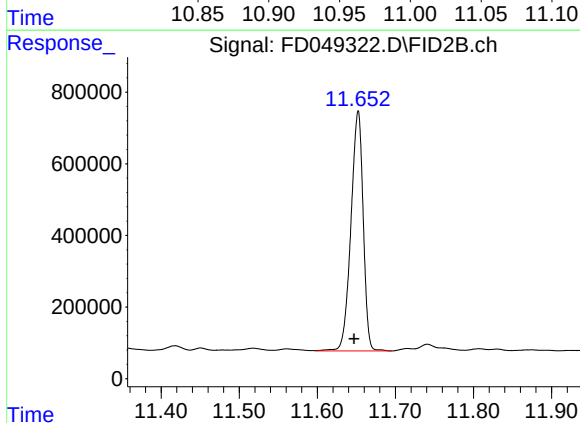
R.T.: 10.876 min
Delta R.T.: -0.005 min
Response: 228973
Conc: 1.70 ug/ml

Instrument :
FID_D
ClientSampleId :



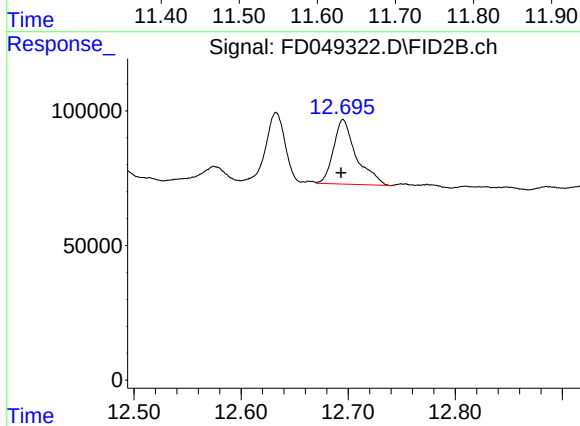
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 264741
Conc: 2.24 ug/ml



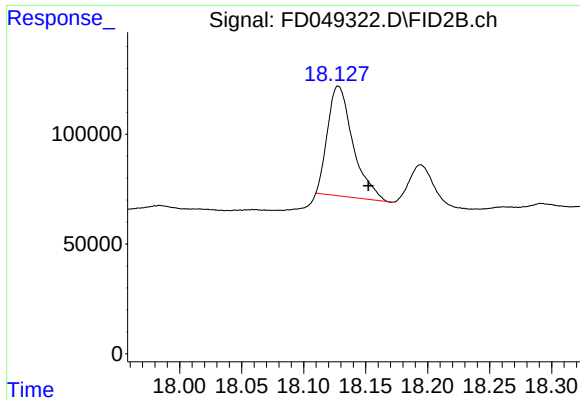
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.005 min
Response: 7303683
Conc: 52.92 ug/ml



#12 Fluoranthene (C21.85)

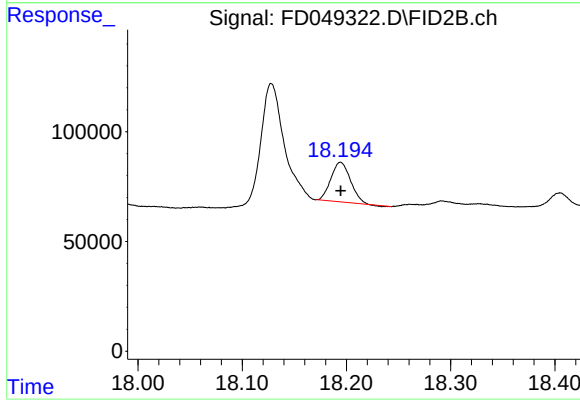
R.T.: 12.695 min
Delta R.T.: 0.002 min
Response: 354167
Conc: 2.63 ug/ml



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

R.T.: 18.128 min
Delta R.T.: -0.024 min
Response: 712244
Conc: 6.49 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.194 min
Delta R.T.: 0.000 min
Response: 234743
Conc: 2.22 ug/ml