

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049833.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 12:16
 Operator : YP/AJ
 Sample : Q3301-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOILD

Integration File: autoint1.e
 Quant Time: Oct 09 06:28:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.712	15970213	134.413 ug/ml
Spiked Amount 50.000		Recovery =	268.83%
6) S 2-Fluorobiphenyl (SURR)	8.579	15051664	177.286 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	354.57%#
11) S ortho-Terphenyl (SURR)	11.626	19374729	129.784 ug/ml
Spiked Amount 50.000		Recovery =	259.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	902401	7.941 ug/ml
2) T Naphthalene (C11.7)	6.042	1564135	11.855 ug/ml
3) T 2-Methylnaphthalene (...)	7.106	15294441	110.539 ug/ml
5) T Acenaphthylene (C15.06)	8.373	16254995	111.257 ug/ml
7) T Acenaphthene (C15.5)	8.665	6173333	42.396 ug/ml
8) T Fluorene (C16.55)	9.462	14559126	99.695 ug/ml
9) T Phenanthrene (C19.36)	10.818	10805858	73.921 ug/ml
10) T Anthracene (C19.43)	10.893	8048835	59.229 ug/ml
12) T Fluoranthene (C21.85)	12.668	8211782	57.641 ug/ml
13) T Pyrene (C20.8)	12.963	4376660	31.134 ug/ml
15) T Chrysene (C27.41)	14.895	1382782	10.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	176125	1.566 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	176125	1.441 ug/ml

(f)=RT Delta > 1/2 Window

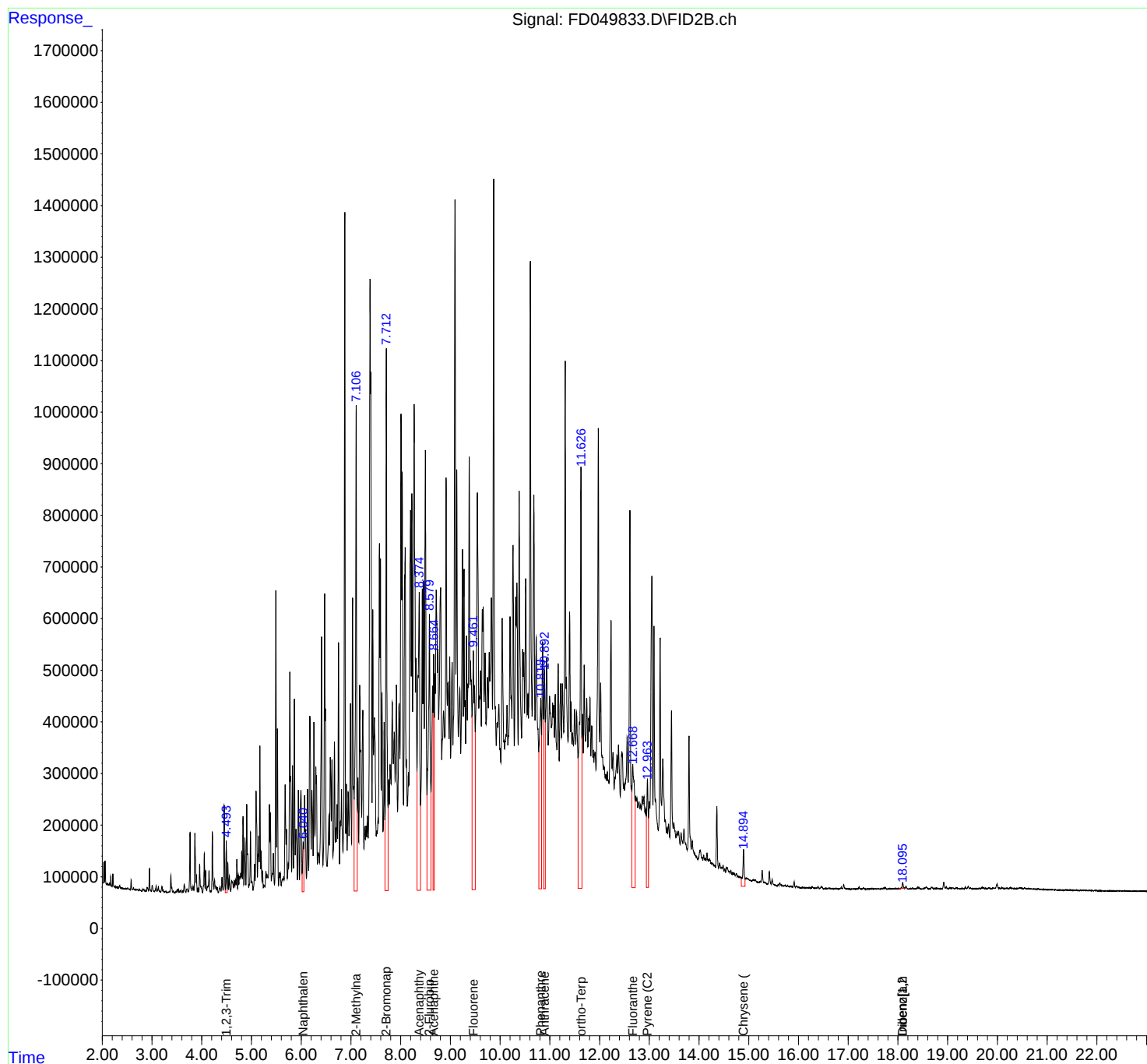
(m)=manual int.

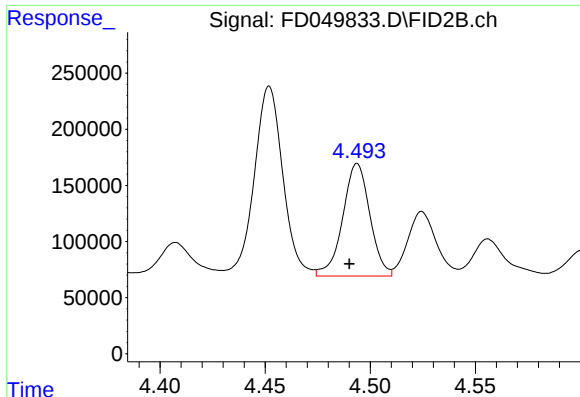
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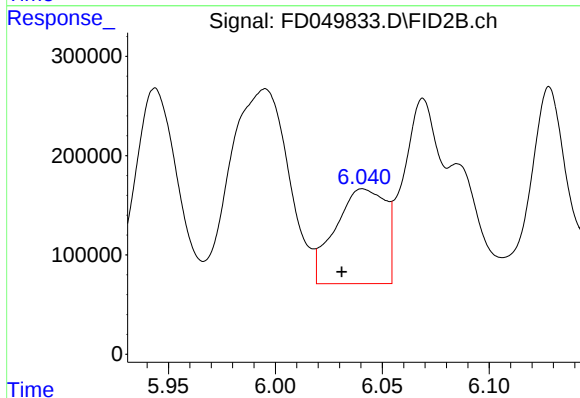




#1 1,2,3-Trimethylbenzene (C10.1)

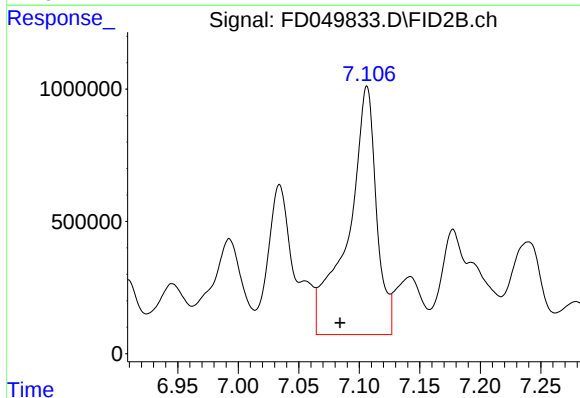
R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 902401
Conc: 7.94 ug/ml

Instrument :
FID_E
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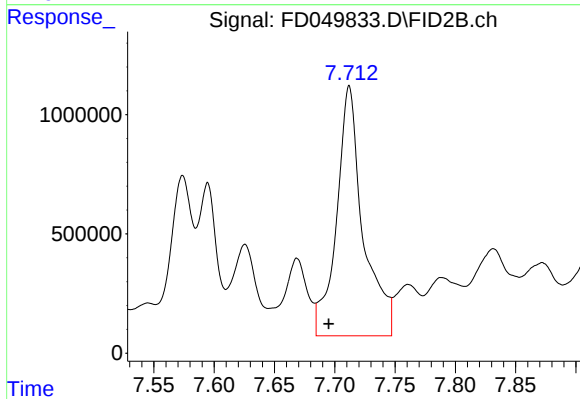
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.011 min
Response: 1564135
Conc: 11.86 ug/ml



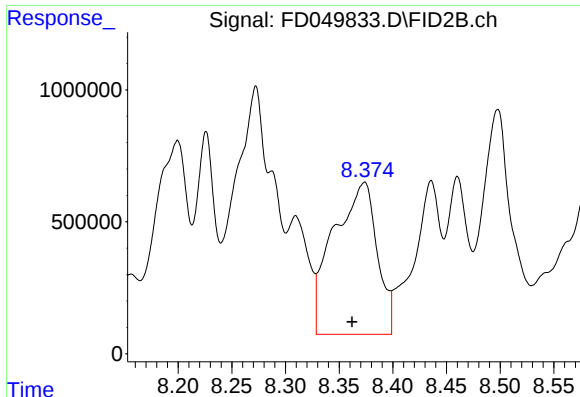
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.022 min
Response: 15294441
Conc: 110.54 ug/ml



#4 2-Bromonaphthalene (SURR)

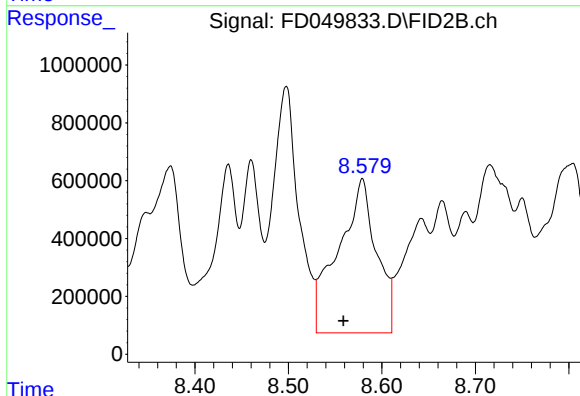
R.T.: 7.712 min
Delta R.T.: 0.017 min
Response: 15970213
Conc: 134.41 ug/ml



#5 Acenaphthylene (C15.06)

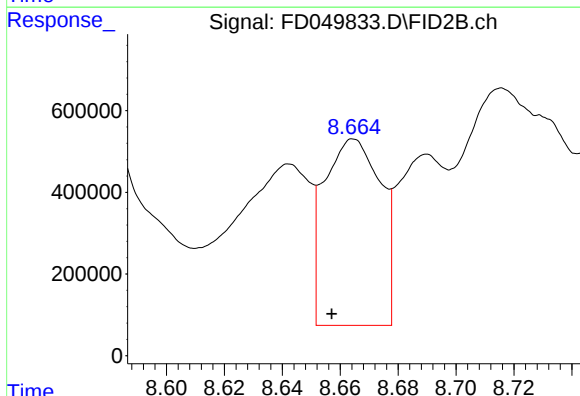
R.T.: 8.373 min
Delta R.T.: 0.011 min
Response: 16254995
Conc: 111.26 ug/ml

Instrument :
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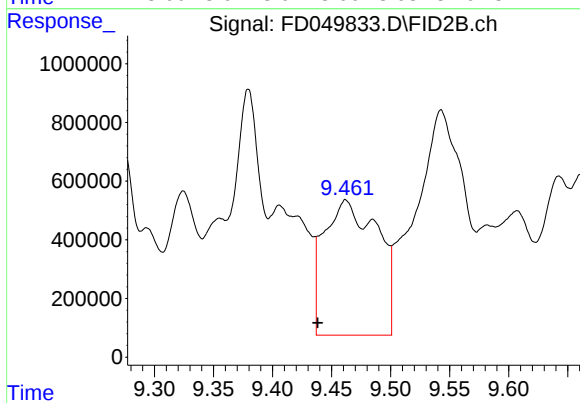
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.020 min
Response: 15051664
Conc: 177.29 ug/ml



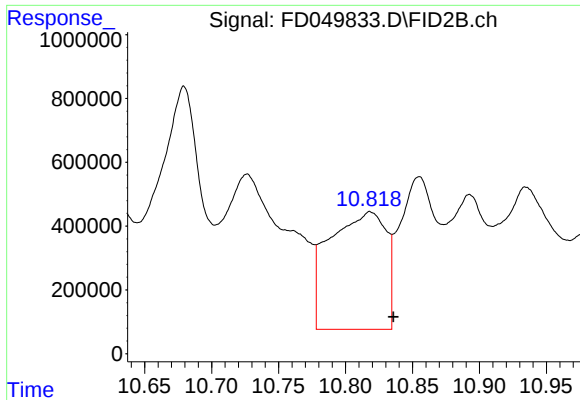
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 6173333
Conc: 42.40 ug/ml



#8 Flouorene (C16.55)

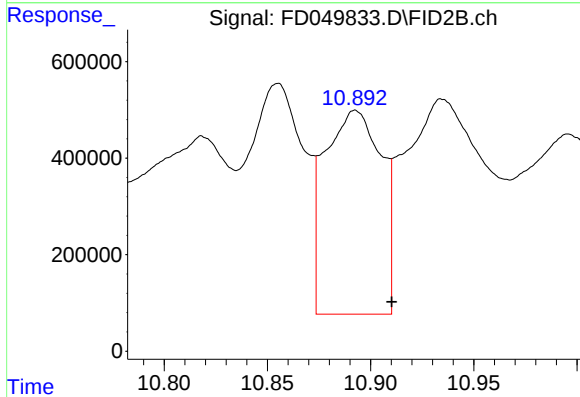
R.T.: 9.462 min
Delta R.T.: 0.024 min
Response: 14559126
Conc: 99.69 ug/ml



#9 Phenanthrene (C19.36)

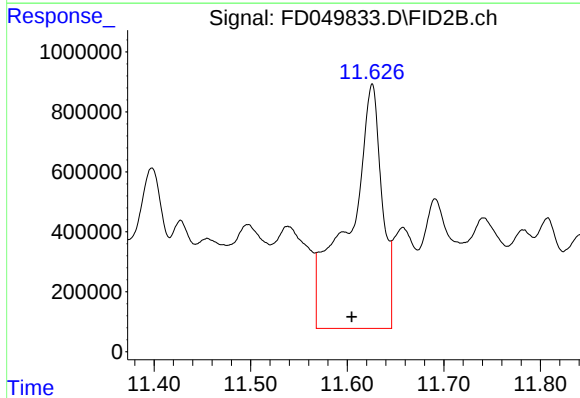
R.T.: 10.818 min
Delta R.T.: -0.017 min
Response: 10805858
Conc: 73.92 ug/ml

Instrument :
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SOILD



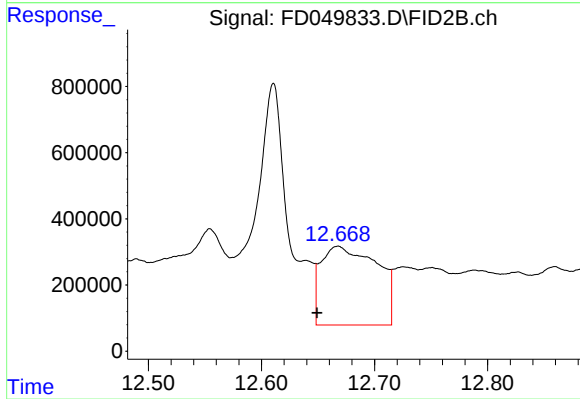
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.018 min
Response: 8048835
Conc: 59.23 ug/ml



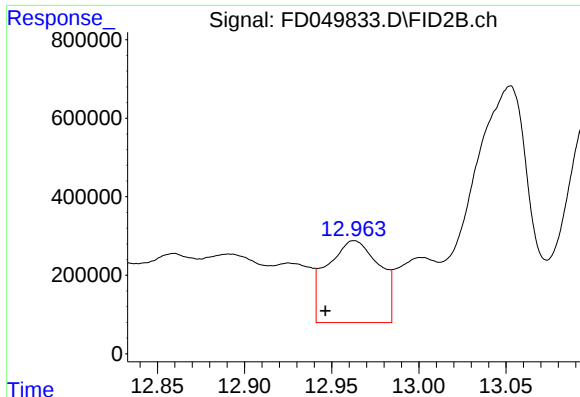
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.021 min
Response: 19374729
Conc: 129.78 ug/ml



#12 Fluoranthene (C21.85)

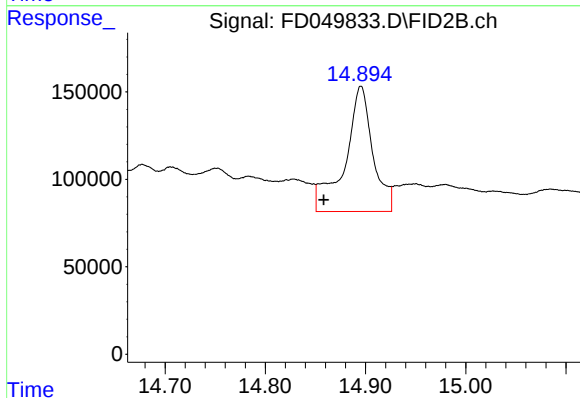
R.T.: 12.668 min
Delta R.T.: 0.018 min
Response: 8211782
Conc: 57.64 ug/ml



#13 Pyrene (C20.8)

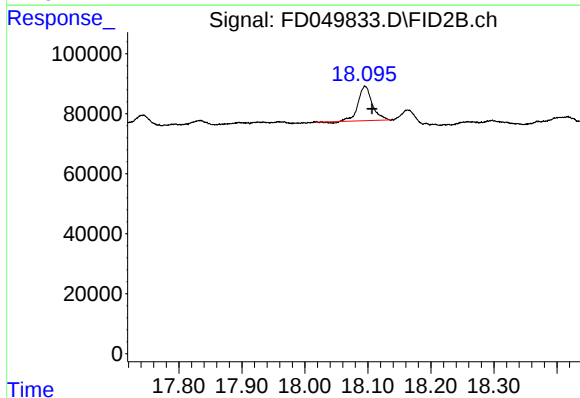
R.T.: 12.963 min
Delta R.T.: 0.017 min
Response: 4376660
Conc: 31.13 ug/ml

Instrument :
FID_E
ClientSampleId :
SOILD



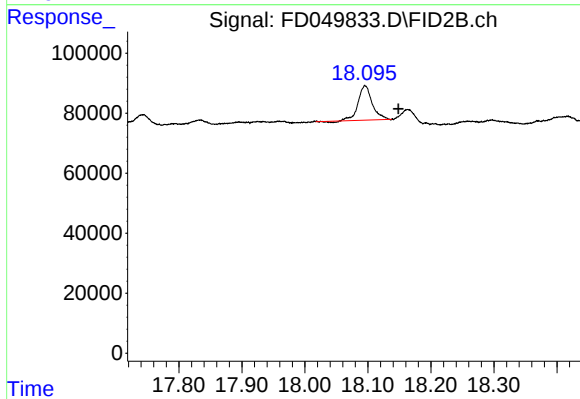
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.037 min
Response: 1382782
Conc: 10.76 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.011 min
Response: 176125
Conc: 1.57 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.053 min
Response: 176125
Conc: 1.44 ug/ml