

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049832.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 11:33
 Operator : YP/AJ
 Sample : Q3301-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL

Integration File: autoint1.e
 Quant Time: Oct 09 06:27:48 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	15955315	134.287 ug/ml
Spiked Amount 50.000		Recovery =	268.57%
6) S 2-Fluorobiphenyl (SURR)	8.579	14811371	174.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	348.91%#
11) S ortho-Terphenyl (SURR)	11.626	18500210	123.926 ug/ml
Spiked Amount 50.000		Recovery =	247.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	897787	7.900 ug/ml
2) T Naphthalene (C11.7)	6.042	1388783	10.526 ug/ml
3) T 2-Methylnaphthalene (...)	7.106	15321349	110.734 ug/ml
5) T Acenaphthylene (C15.06)	8.373	16119014	110.326 ug/ml
7) T Acenaphthene (C15.5)	8.665	6081958	41.769 ug/ml
8) T Flouorene (C16.55)	9.463	14336317	98.169 ug/ml
9) T Phenanthrene (C19.36)	10.819	10342301	70.750 ug/ml
10) T Anthracene (C19.43)	10.892	7335229	53.978 ug/ml
12) T Fluoranthene (C21.85)	12.667	7478100	52.491 ug/ml
13) T Pyrene (C20.8)	12.964	3882828	27.621 ug/ml
15) T Chrysene (C27.41)	14.895	680378	5.296 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	181130	1.611 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	181130	1.482 ug/ml

(f)=RT Delta > 1/2 Window

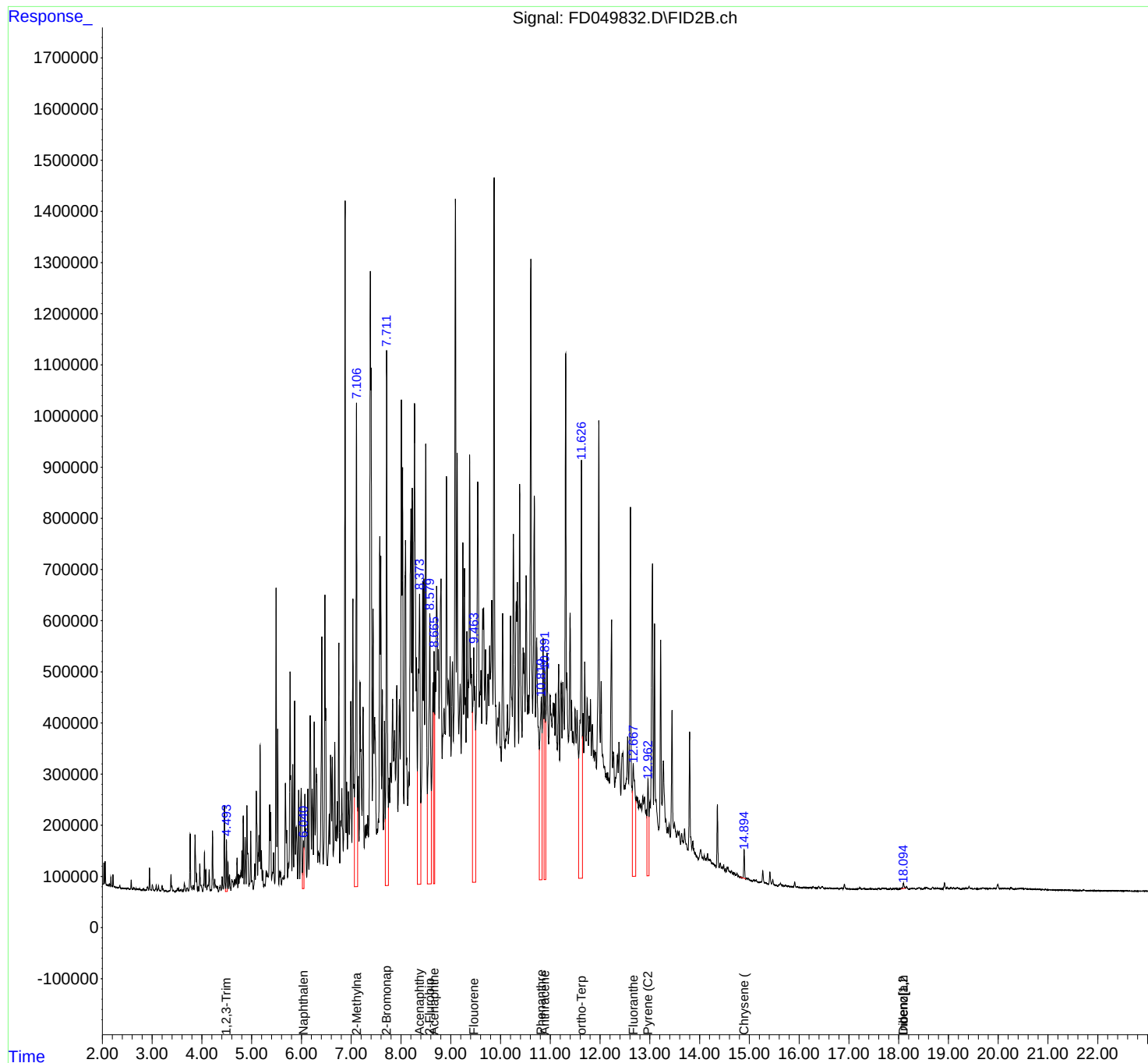
(m)=manual int.

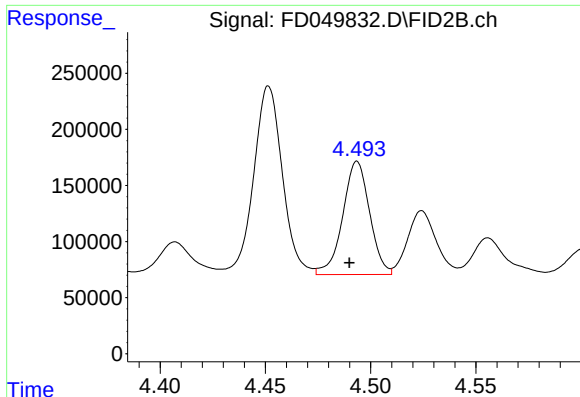
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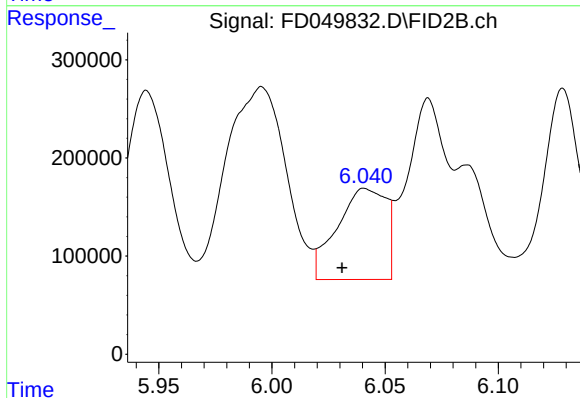




#1 1,2,3-Trimethylbenzene (C10.1)

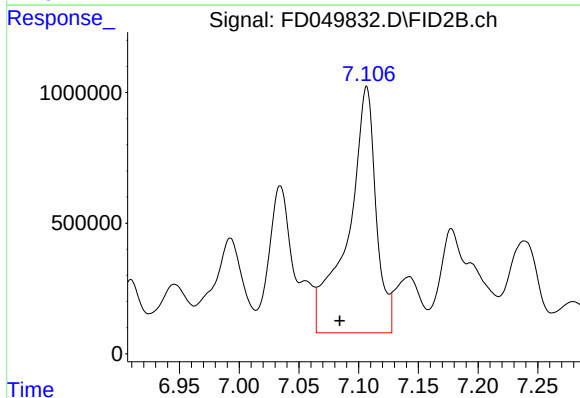
R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 897787
Conc: 7.90 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL



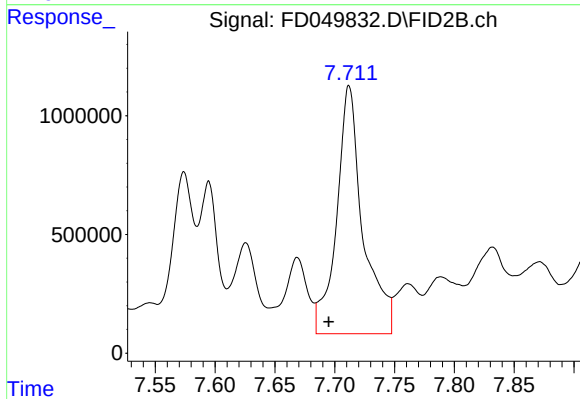
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.011 min
Response: 1388783
Conc: 10.53 ug/ml



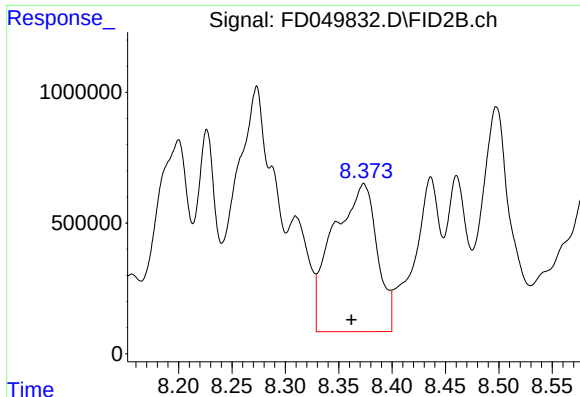
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.022 min
Response: 15321349
Conc: 110.73 ug/ml



#4 2-Bromonaphthalene (SURR)

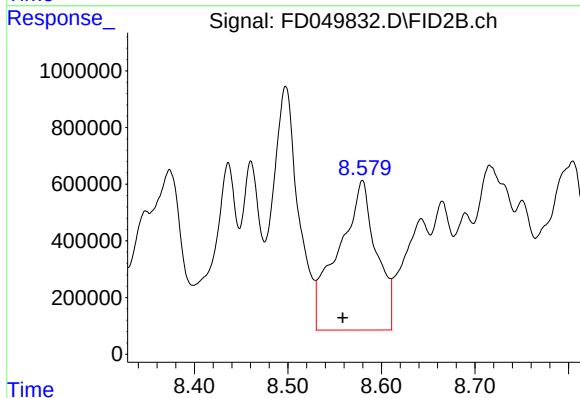
R.T.: 7.712 min
Delta R.T.: 0.017 min
Response: 15955315
Conc: 134.29 ug/ml



#5 Acenaphthylene (C15.06)

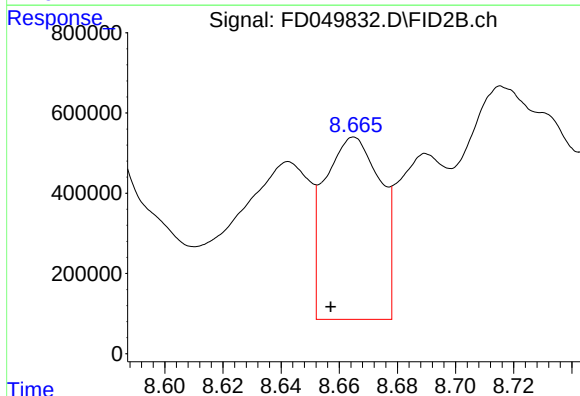
R.T.: 8.373 min
Delta R.T.: 0.011 min
Response: 16119014
Conc: 110.33 ug/ml

Instrument :
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SOIL



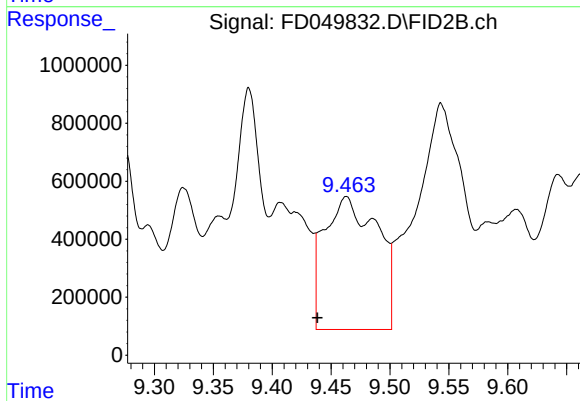
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.021 min
Response: 14811371
Conc: 174.46 ug/ml



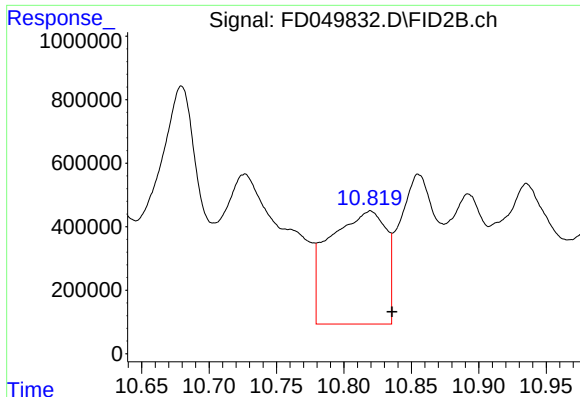
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.008 min
Response: 6081958
Conc: 41.77 ug/ml



#8 Fluorene (C16.55)

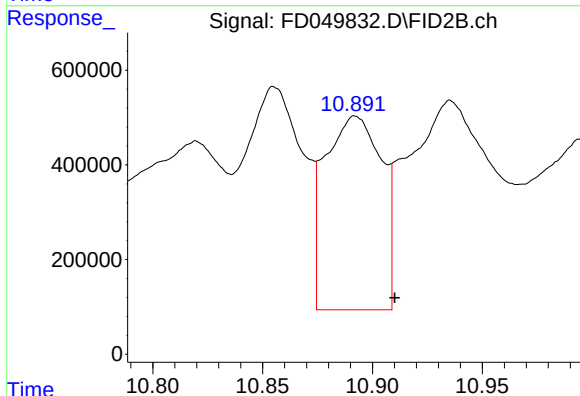
R.T.: 9.463 min
Delta R.T.: 0.025 min
Response: 14336317
Conc: 98.17 ug/ml



#9 Phenanthrene (C19.36)

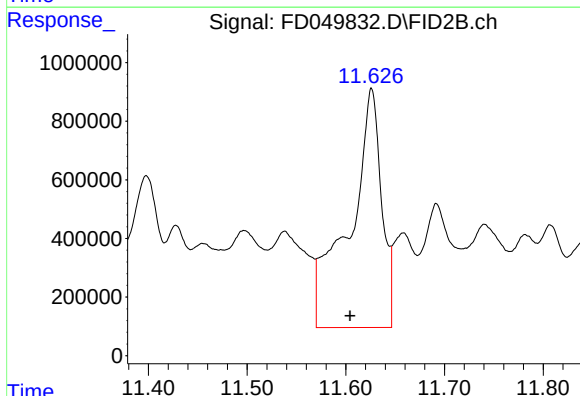
R.T.: 10.819 min
Delta R.T.: -0.016 min
Response: 10342301
Conc: 70.75 ug/ml

Instrument :
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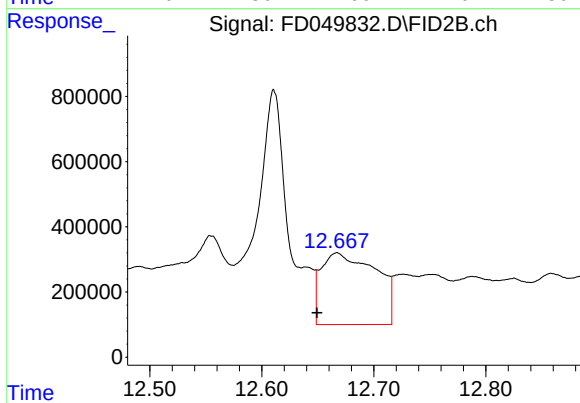
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.018 min
Response: 7335229
Conc: 53.98 ug/ml



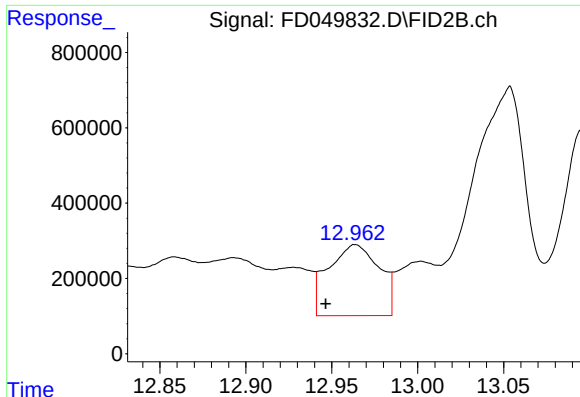
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.022 min
Response: 18500210
Conc: 123.93 ug/ml



#12 Fluoranthene (C21.85)

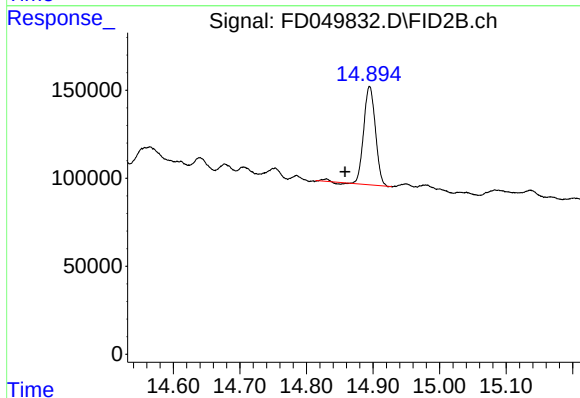
R.T.: 12.667 min
Delta R.T.: 0.018 min
Response: 7478100
Conc: 52.49 ug/ml



#13 Pyrene (C20.8)

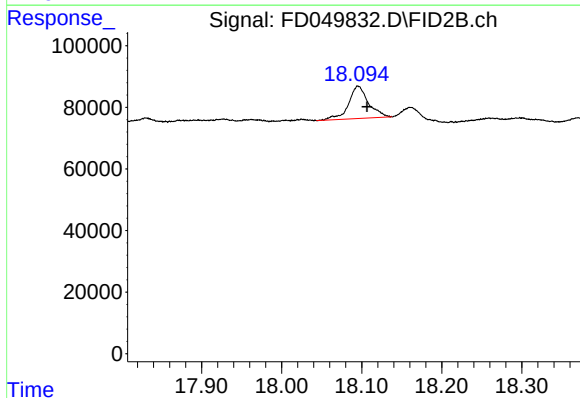
R.T.: 12.964 min
Delta R.T.: 0.017 min
Response: 3882828
Conc: 27.62 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL



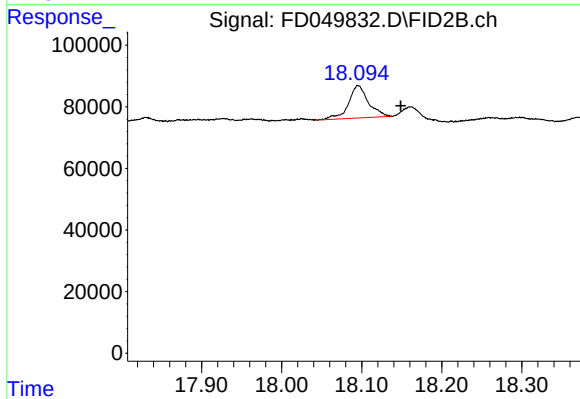
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.037 min
Response: 680378
Conc: 5.30 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.011 min
Response: 181130
Conc: 1.61 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.053 min
Response: 181130
Conc: 1.48 ug/ml