

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049836.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 14:25
 Operator : YP/AJ
 Sample : Q3301-01DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL

Integration File: autoint1.e
 Quant Time: Oct 09 06:29:27 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...	7.704	2870396	24.159 ug/ml
Spiked Amount 50.000		Recovery =	48.32%
6) S 2-Fluorobiphenyl (SURR)	8.566	2612244	30.768 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.54%
11) S ortho-Terphenyl (SURR)	11.613	3365253	22.543 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	149099	1.312 ug/ml
2) T Naphthalene (C11.7)	6.041	233555	1.770 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	2737145	19.782 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2921670	19.997 ug/ml
7) T Acenaphthene (C15.5)	8.654	1045403	7.179 ug/ml
8) T Flouorene (C16.55)	9.452	2474402	16.944 ug/ml
9) T Phenanthrene (C19.36)	10.842	1518472	10.388 ug/ml
10) T Anthracene (C19.43)	10.923	2187753	16.099 ug/ml
12) T Fluoranthene (C21.85)	12.657	1159190	8.137 ug/ml
13) T Pyrene (C20.8)	12.954	550723	3.918 ug/ml
15) T Chrysene (C27.41)	14.893	154819	1.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	115771	1.030 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	115771	0.947 ug/ml

(f)=RT Delta > 1/2 Window

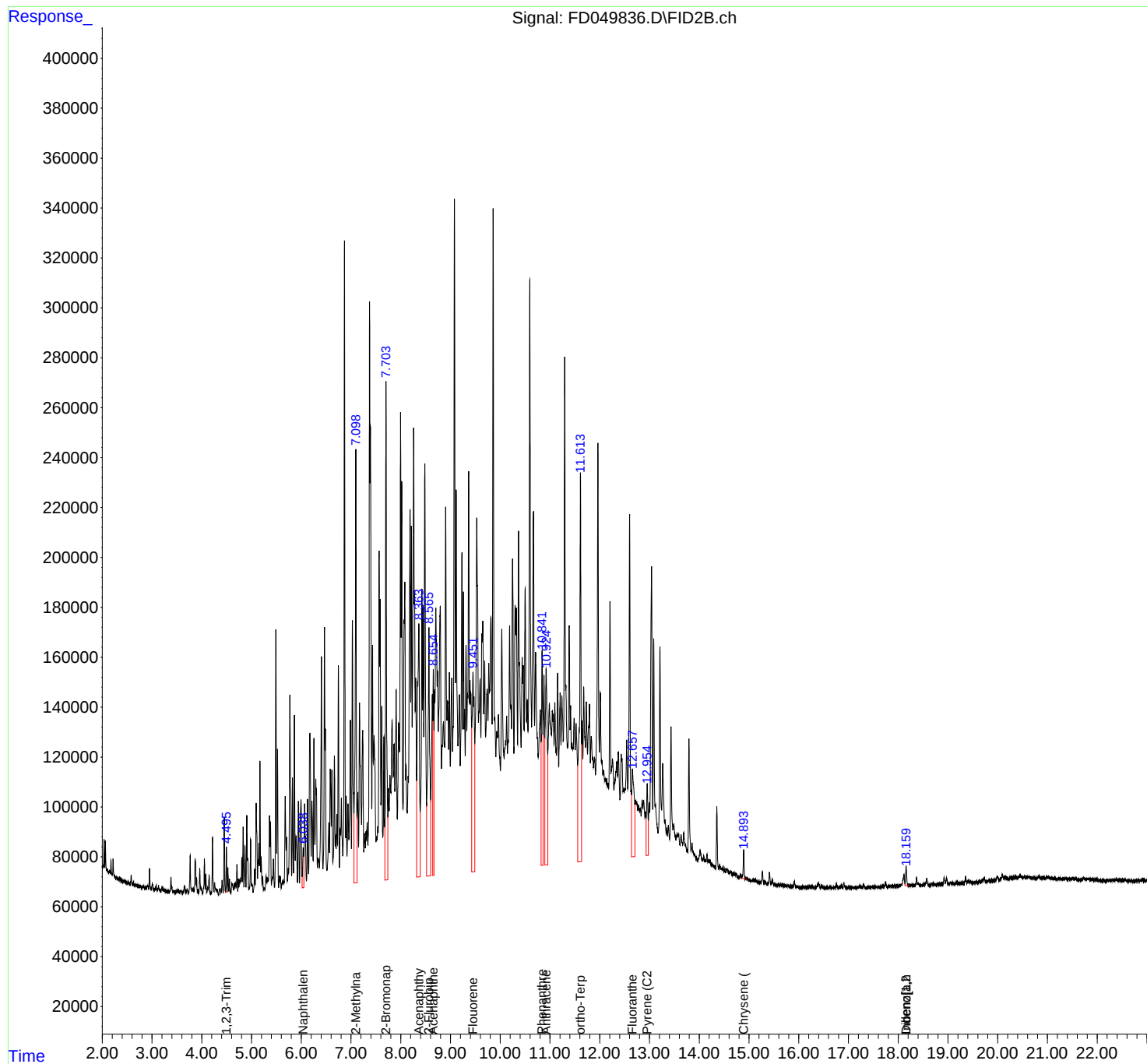
(m)=manual int.

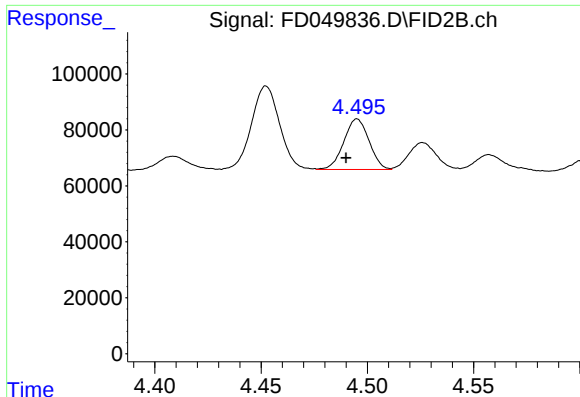
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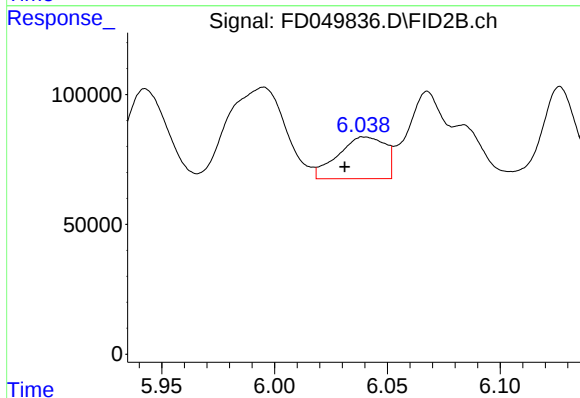




#1 1,2,3-Trimethylbenzene (C10.1)

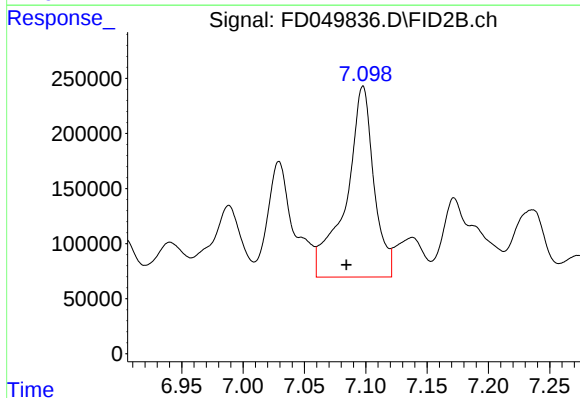
R.T.: 4.495 min
Delta R.T.: 0.005 min
Response: 149099
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL



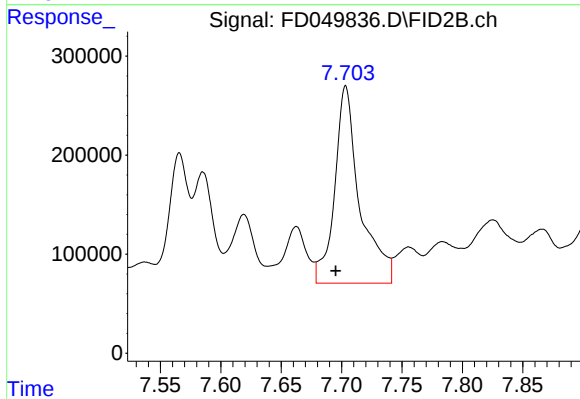
#2 Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: 0.010 min
Response: 233555
Conc: 1.77 ug/ml



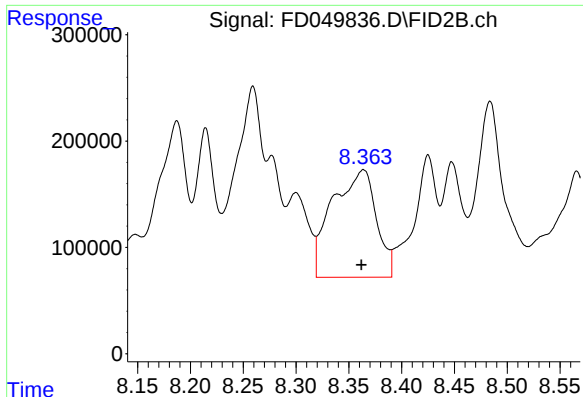
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.013 min
Response: 2737145
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

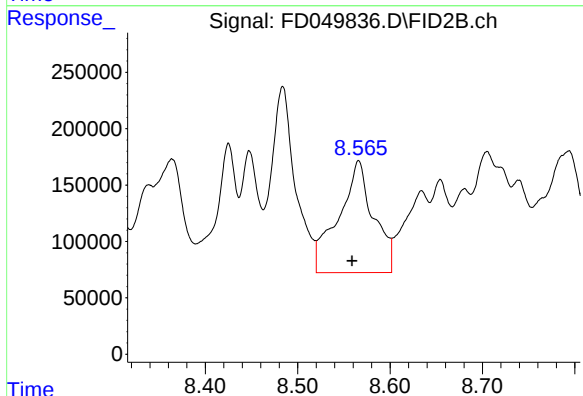
R.T.: 7.704 min
Delta R.T.: 0.008 min
Response: 2870396
Conc: 24.16 ug/ml



#5 Acenaphthylene (C15.06)

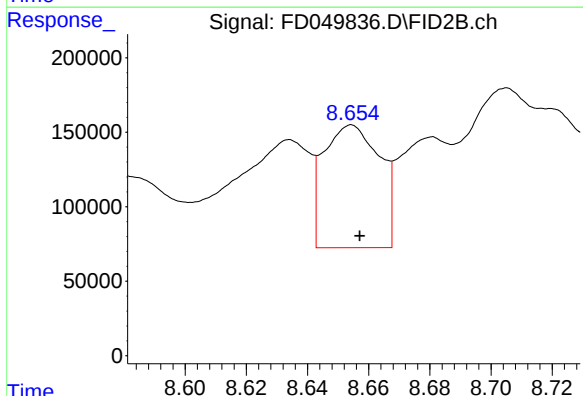
R.T.: 8.363 min
Delta R.T.: 0.002 min
Response: 2921670
Conc: 20.00 ug/ml

Instrument :
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SOIL



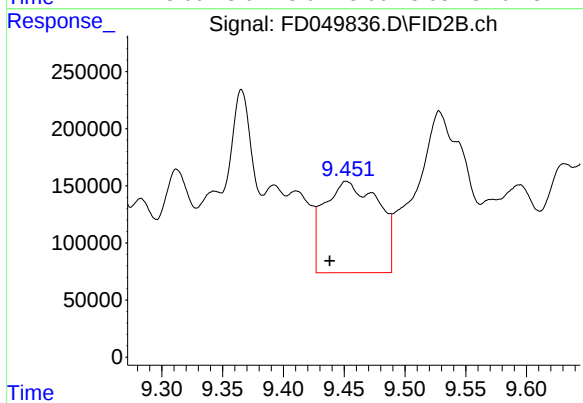
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.566 min
Delta R.T.: 0.007 min
Response: 2612244
Conc: 30.77 ug/ml



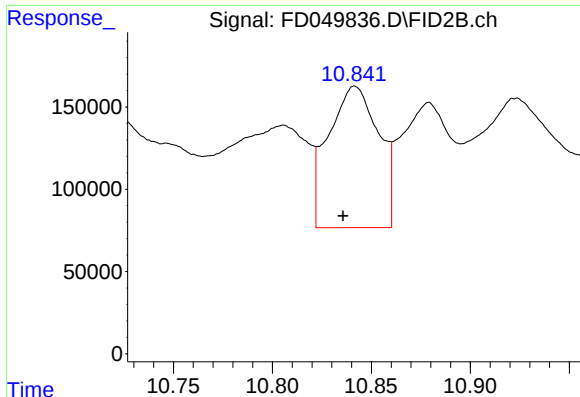
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 1045403
Conc: 7.18 ug/ml



#8 Fluorene (C16.55)

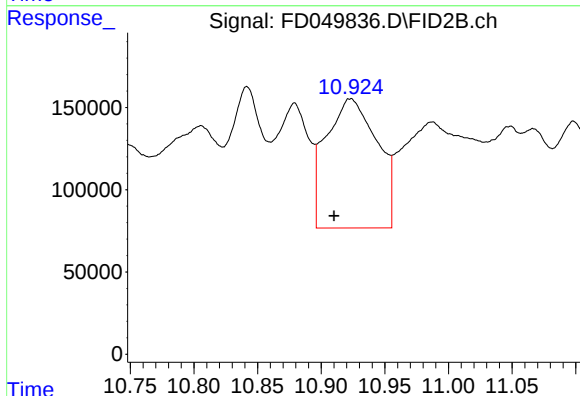
R.T.: 9.452 min
Delta R.T.: 0.014 min
Response: 2474402
Conc: 16.94 ug/ml



#9 Phenanthrene (C19.36)

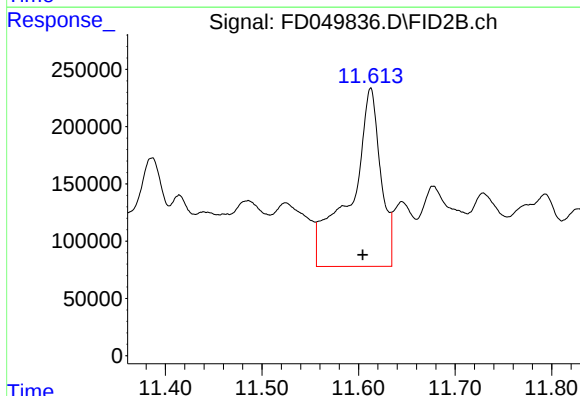
R.T.: 10.842 min
Delta R.T.: 0.006 min
Response: 1518472
Conc: 10.39 ug/ml

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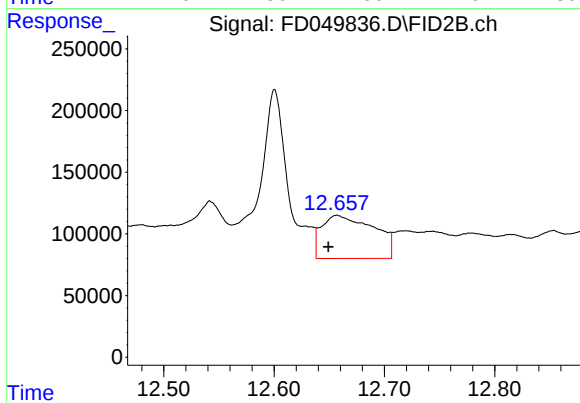
#10 Anthracene (C19.43)

R.T.: 10.923 min
Delta R.T.: 0.013 min
Response: 2187753
Conc: 16.10 ug/ml



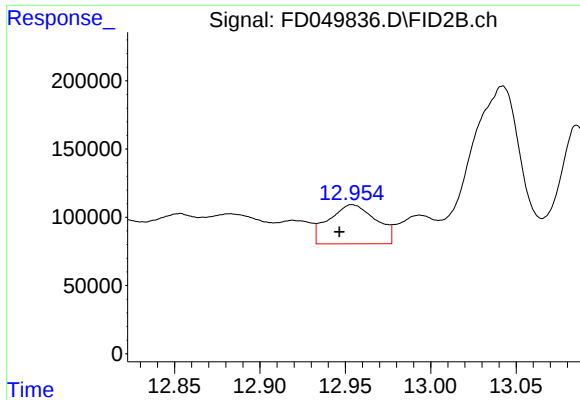
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.008 min
Response: 3365253
Conc: 22.54 ug/ml



#12 Fluoranthene (C21.85)

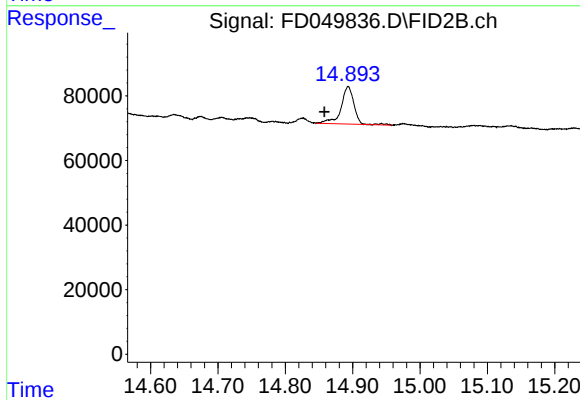
R.T.: 12.657 min
Delta R.T.: 0.008 min
Response: 1159190
Conc: 8.14 ug/ml



#13 Pyrene (C20.8)

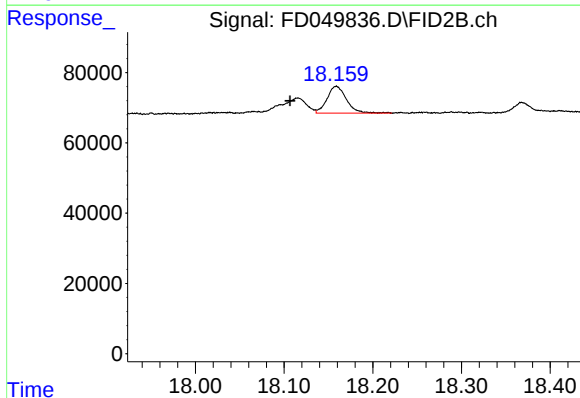
R.T.: 12.954 min
Delta R.T.: 0.008 min
Response: 550723
Conc: 3.92 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL



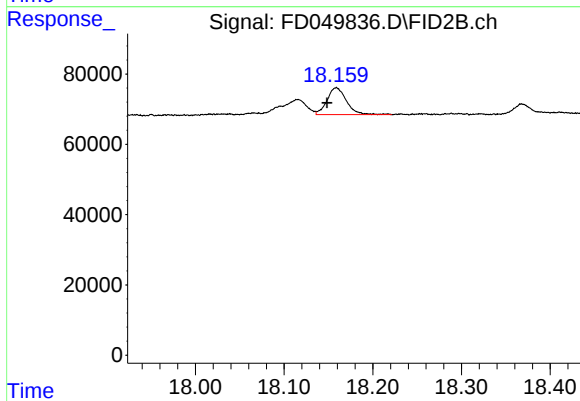
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: 0.035 min
Response: 154819
Conc: 1.21 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.052 min
Response: 115771
Conc: 1.03 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.010 min
Response: 115771
Conc: 0.95 ug/ml