

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
 Data File : FE056144.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2025 10:12
 Operator : YP\AJ
 Sample : Q3256-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-PILE-1-WC

Integration File: autoint1.e
 Quant Time: Oct 03 00:54:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.071	4635285	24.701 ug/ml
Spiked Amount 50.000		Recovery =	49.40%
12) S 1-chlorooctadecane (S...	13.507	4469824	32.027 ug/ml
Spiked Amount 50.000		Recovery =	64.05%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.390	400825	2.510 ug/ml
5) T A~2-methylnaphthalene...	7.489	734220	4.721 ug/ml
6) T n-Tetradecane (C14)	8.639	405231	2.741 ug/ml
7) T n-Hexadecane (C16)	10.316	252351	1.588 ug/ml
8) T n-Octadecane (C18)	11.734	108943	0.643 ug/ml
10) T n-Eicosane (C20)	13.051	858044	5.176 ug/ml
11) T n-Heneicosane (C21)	13.708	418928	2.578 ug/ml
13) T n-Docosane (C22)	14.258	256749	1.607 ug/ml
14) T n-Tetracosane (C24)	15.362	1888178	12.391 ug/ml
16) T n-Octacosane (C28)	17.369	297722	2.137 ug/ml
17) T n-Tricontane (C30)	18.229	413113	2.788 ug/ml
18) T n-Dotriacontane (C32)	19.061	153112	1.026 ug/ml
19) T n-Tetratriacontane (C34)	19.848	156255	1.105 ug/ml

(f)=RT Delta > 1/2 Window

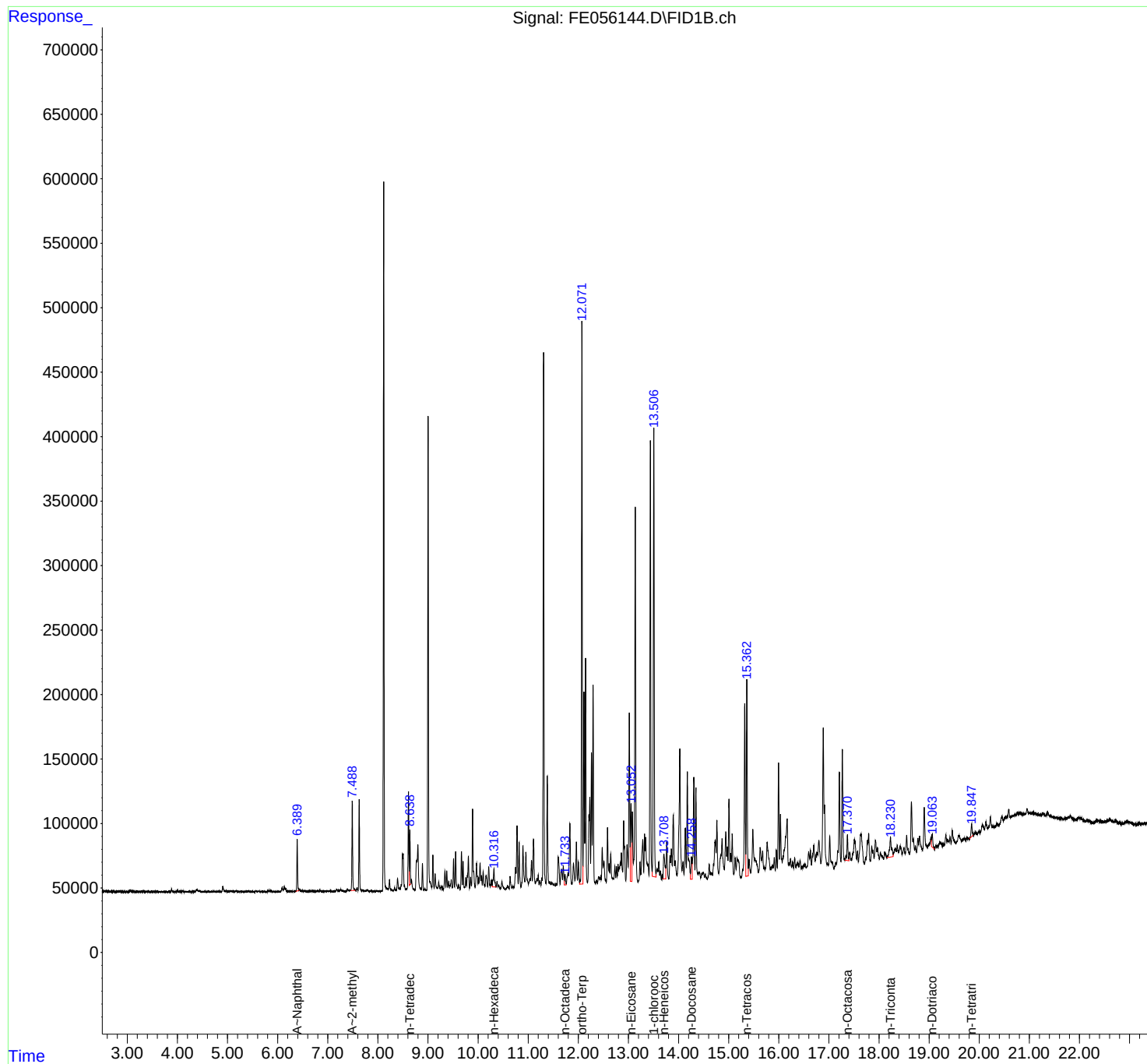
(m)=manual int.

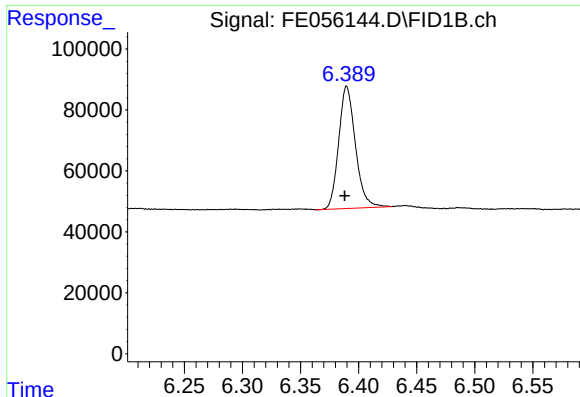
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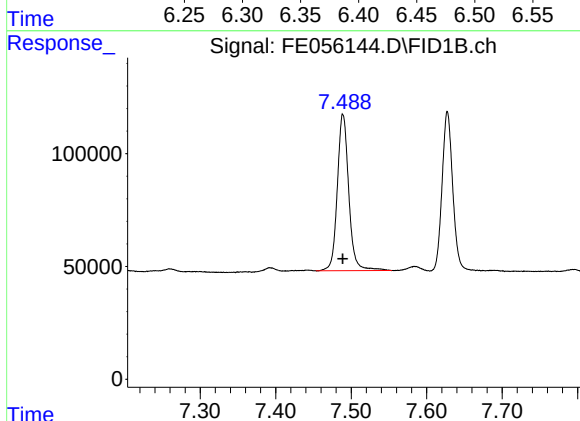




#3 A~Naphthalene (C11.7)

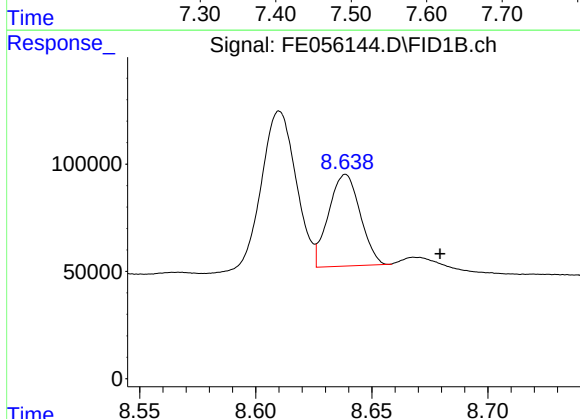
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 400825
Conc: 2.51 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE-1-WC



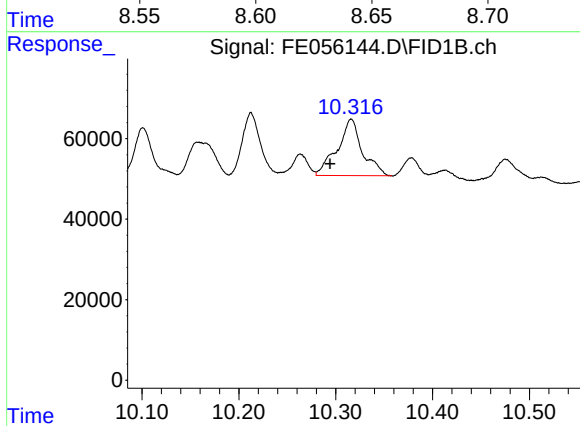
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 734220
Conc: 4.72 ug/ml



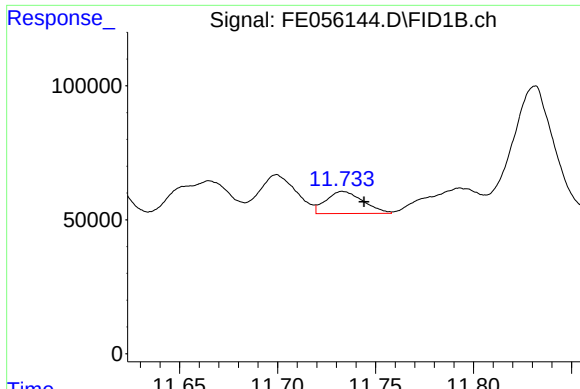
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: -0.041 min
Response: 405231
Conc: 2.74 ug/ml



#7 n-Hexadecane (C16)

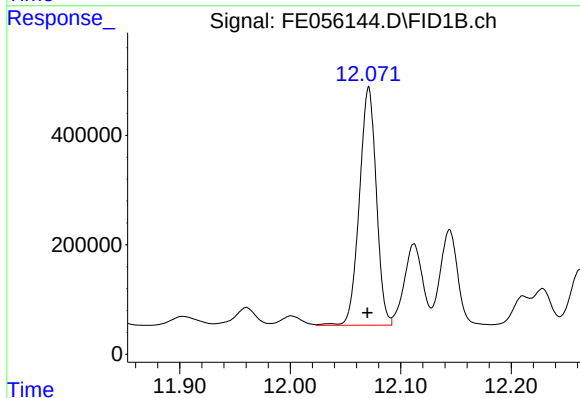
R.T.: 10.316 min
Delta R.T.: 0.022 min
Response: 252351
Conc: 1.59 ug/ml



#8 n-Octadecane (C18)

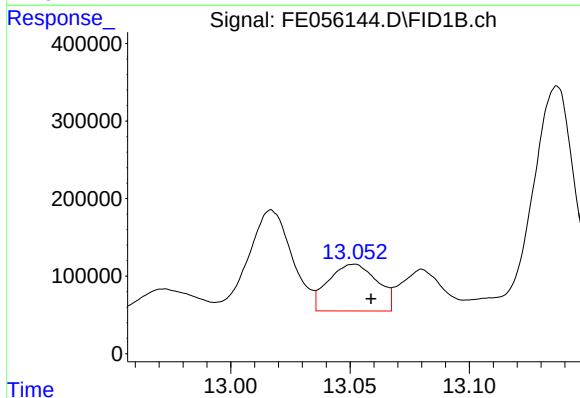
R.T.: 11.734 min
Delta R.T.: -0.010 min
Response: 108943
Conc: 0.64 ug/ml

Instrument :
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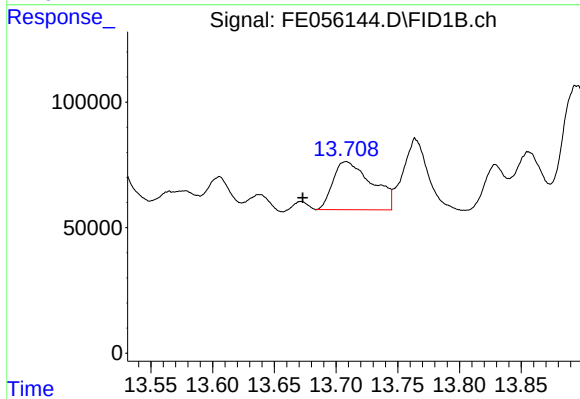
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: 0.001 min
Response: 4635285
Conc: 24.70 ug/ml



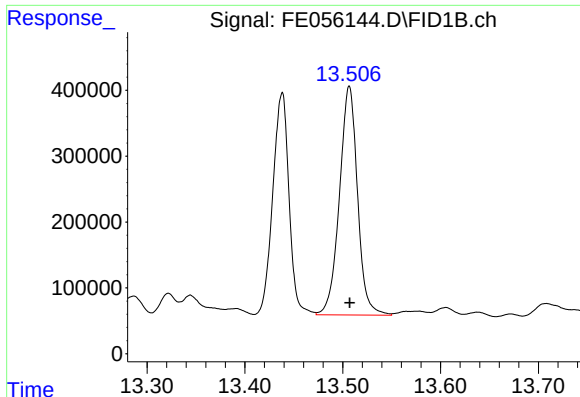
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: -0.007 min
Response: 858044
Conc: 5.18 ug/ml



#11 n-Heneicosane (C21)

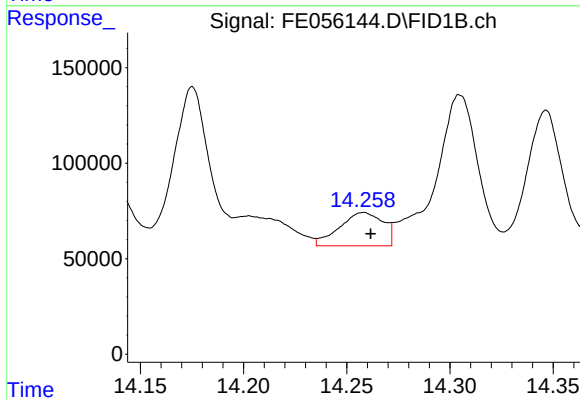
R.T.: 13.708 min
Delta R.T.: 0.035 min
Response: 418928
Conc: 2.58 ug/ml



#12 1-chlorooctadecane (SURR)

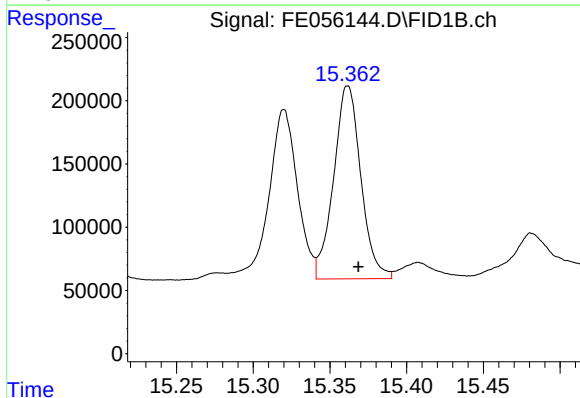
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 4469824
Conc: 32.03 ug/ml

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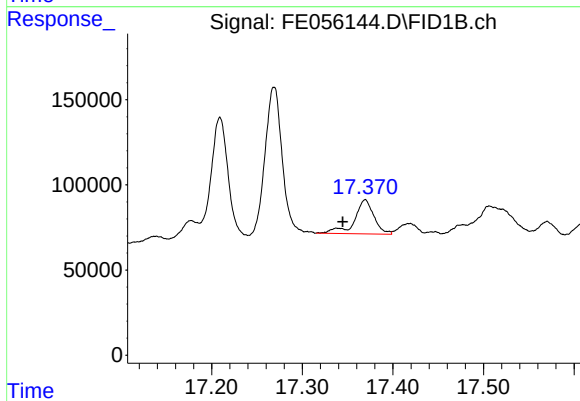
#13 n-Docosane (C22)

R.T.: 14.258 min
Delta R.T.: -0.003 min
Response: 256749
Conc: 1.61 ug/ml



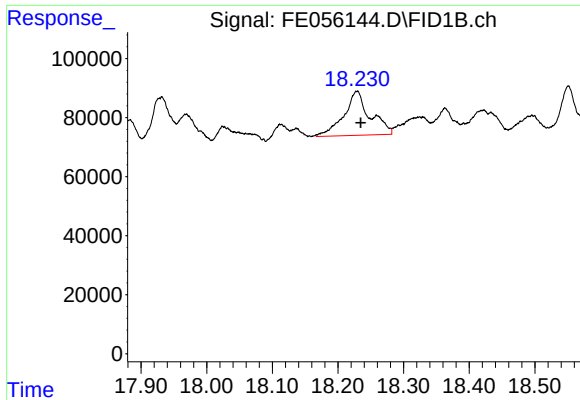
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: -0.007 min
Response: 1888178
Conc: 12.39 ug/ml



#16 n-Octacosane (C28)

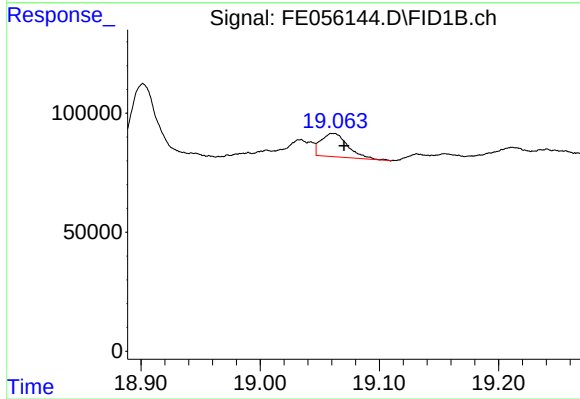
R.T.: 17.369 min
Delta R.T.: 0.025 min
Response: 297722
Conc: 2.14 ug/ml



#17 n-Tricontane (C30)

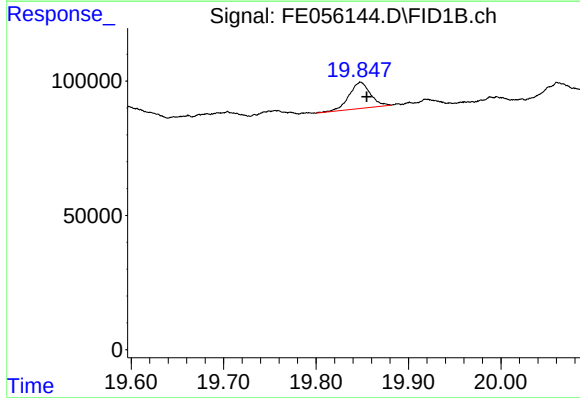
R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 413113
Conc: 2.79 ug/ml

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#18 n-Dotriacontane (C32)

R.T.: 19.061 min
Delta R.T.: -0.009 min
Response: 153112
Conc: 1.03 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 156255
Conc: 1.10 ug/ml