

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054671.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 17:19
 Operator : YP\AJ
 Sample : Q2475-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-PILE-E2

Integration File: autoint1.e
 Quant Time: Jul 03 05:09:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.077	4503674	27.733 ug/ml
Spiked Amount 50.000		Recovery =	55.47%
12) S 1-chlorooctadecane (S...	13.513	3565867	28.235 ug/ml
Spiked Amount 50.000		Recovery =	56.47%
Target Compounds			
10) T n-Eicosane (C20)	13.054	37812	0.263 ug/ml
11) T n-Heneicosane (C21)	13.630	55326	0.387 ug/ml
13) T n-Docosane (C22)	14.263	40378	0.283 ug/ml
14) T n-Tetracosane (C24)	15.355	705639	4.854 ug/ml
15) T n-Hexacosane (C26)	16.340	36526	0.252 ug/ml
17) T n-Tricontane (C30)	18.237	155149	0.985 ug/ml
18) T n-Dotriacontane (C32)	19.070	133039	0.822 ug/ml
19) T n-Tetratriacontane (C34)	19.853	108292	0.711 ug/ml
20) T n-Hexatriacontane (C36)	20.596	154738	1.151 ug/ml
21) T n-Octatriacontane (C38)	21.374	59078	0.504 ug/ml
22) T n-Tetracontane (C40)	22.368	36992	0.341 ug/ml

(f)=RT Delta > 1/2 Window

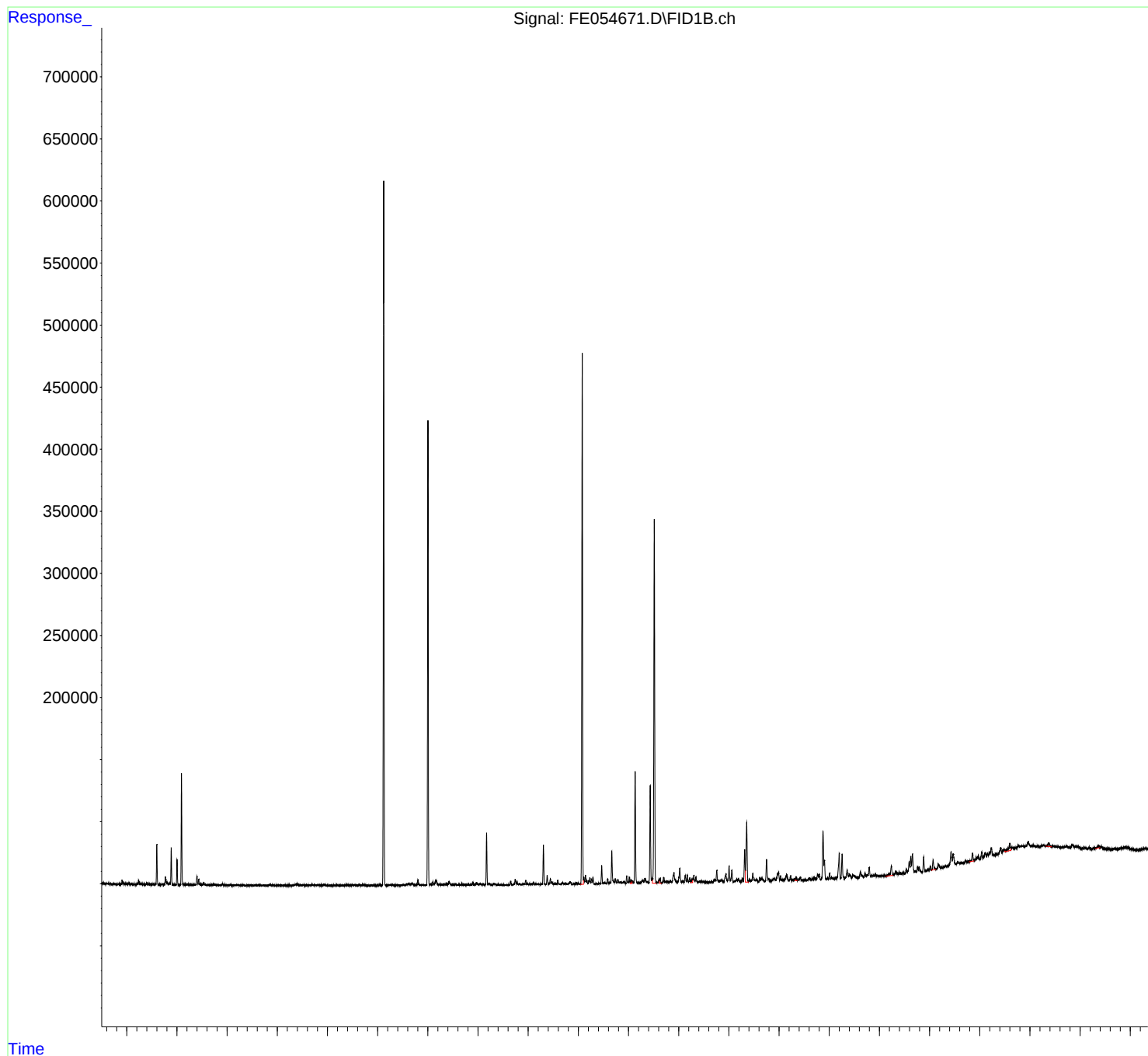
(m)=manual int.

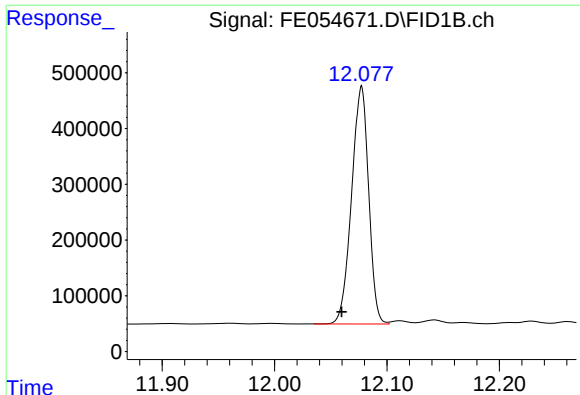
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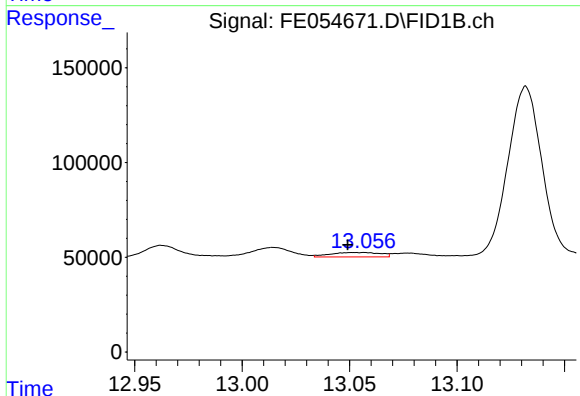




#9 ortho-Terphenyl (SURR)

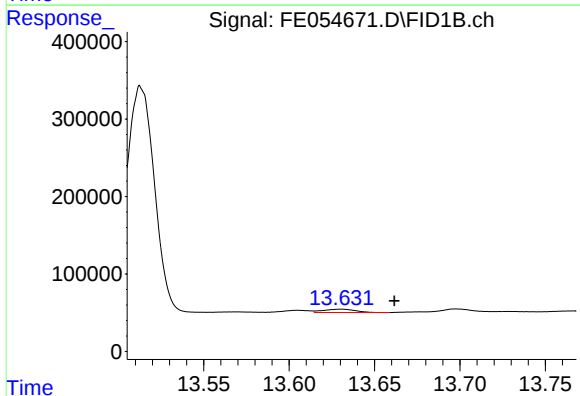
R.T.: 12.077 min
Delta R.T.: 0.017 min
Response: 4503674
Conc: 27.73 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE-E2



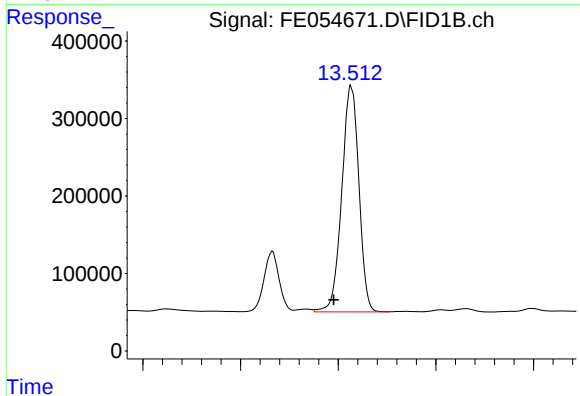
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: 0.005 min
Response: 37812
Conc: 0.26 ug/ml



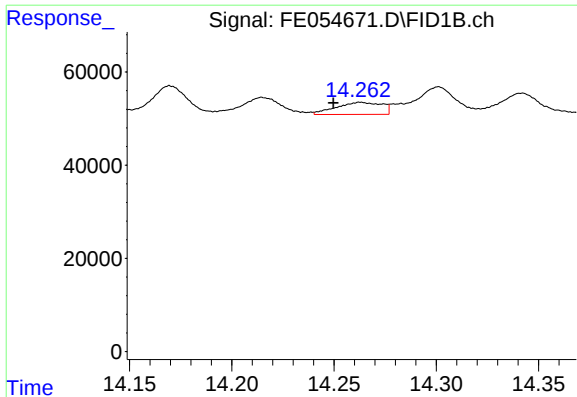
#11 n-Heneicosane (C21)

R.T.: 13.630 min
Delta R.T.: -0.032 min
Response: 55326
Conc: 0.39 ug/ml



#12 1-chlorooctadecane (SURR)

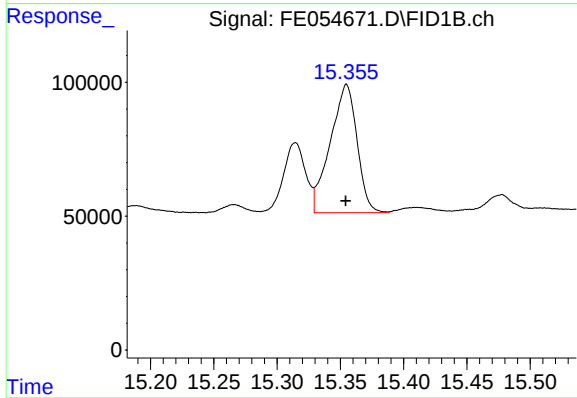
R.T.: 13.513 min
Delta R.T.: 0.018 min
Response: 3565867
Conc: 28.23 ug/ml



#13 n-Docosane (C22)

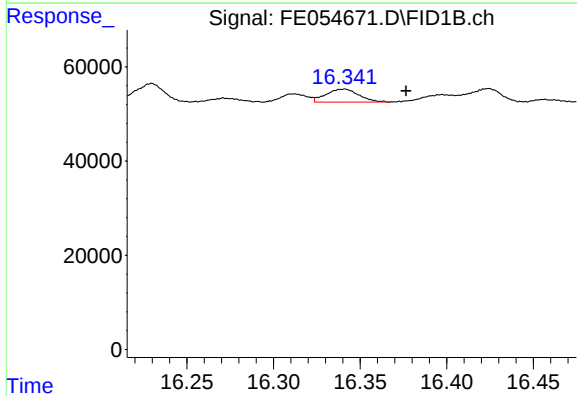
R.T.: 14.263 min
Delta R.T.: 0.014 min
Response: 40378
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE-E2



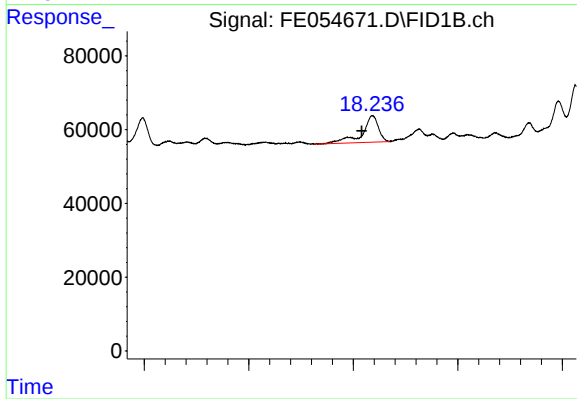
#14 n-Tetracosane (C24)

R.T.: 15.355 min
Delta R.T.: 0.000 min
Response: 705639
Conc: 4.85 ug/ml



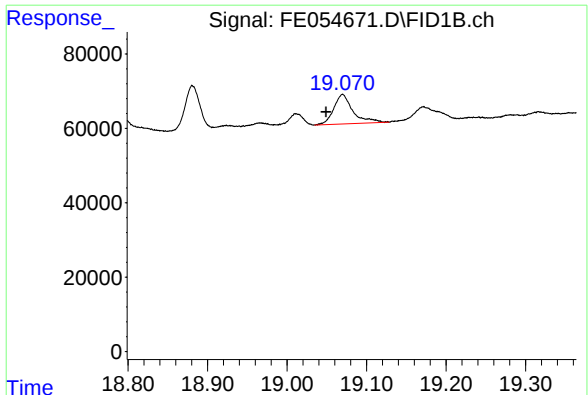
#15 n-Hexacosane (C26)

R.T.: 16.340 min
Delta R.T.: -0.036 min
Response: 36526
Conc: 0.25 ug/ml



#17 n-Tricontane (C30)

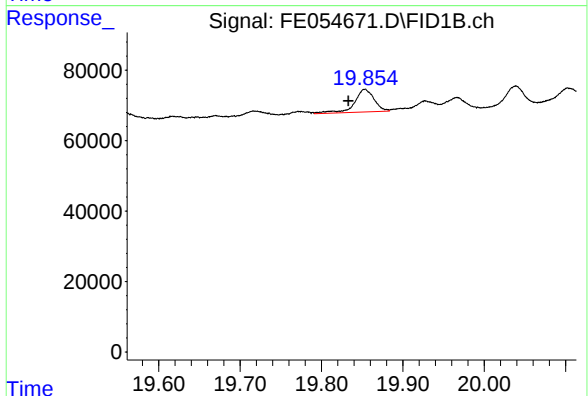
R.T.: 18.237 min
Delta R.T.: 0.021 min
Response: 155149
Conc: 0.98 ug/ml



#18 n-Dotriacontane (C32)

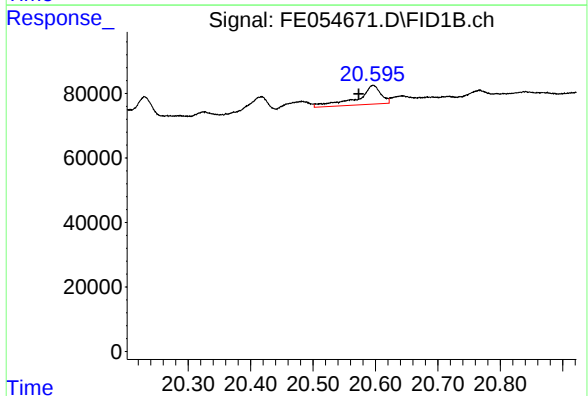
R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 133039
Conc: 0.82 ug/ml

Instrument :
FID_E
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SOIL-PILE-E2



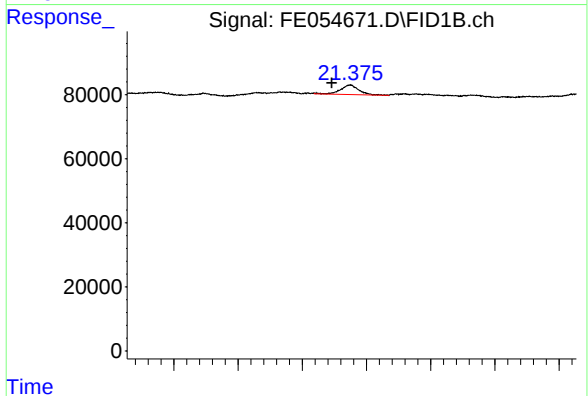
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 108292
Conc: 0.71 ug/ml



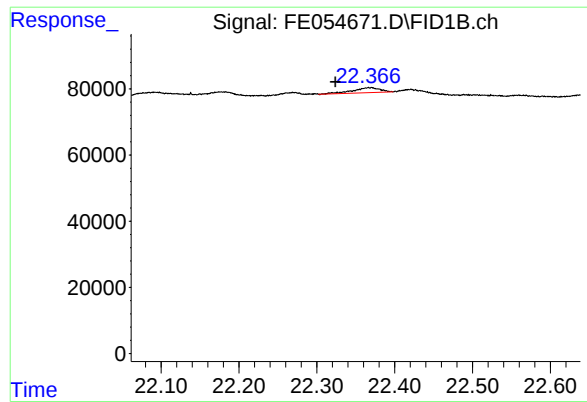
#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: 0.023 min
Response: 154738
Conc: 1.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.028 min
Response: 59078
Conc: 0.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.044 min
Response: 36992
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE-E2