

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043681.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 16:04
 Operator : YP\AJ
 Sample : 03849-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GROVE-SOIL-0731MS

Integration File: autoint1.e
 Quant Time: Aug 02 18:17:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.945	7206151	34.969 ug/ml
Spiked Amount 50.000		Recovery =	69.94%
12) S 1-chlorooctadecane (S...	13.384	5472437	35.069 ug/ml
Spiked Amount 50.000		Recovery =	70.14%
Target Compounds			
1) T n-Nonane (C9)	3.332	5409407	33.498 ug/ml
2) T n-Decane (C10)	4.584	6139903	37.253 ug/ml
3) T A~Naphthalene (C11.7)	6.281	7373359	40.497 ug/ml
4) T n-Dodecane (C12)	6.746	6980205	41.707 ug/ml
5) T A~2-methylnaphthalene...	7.377	7764344	43.613 ug/ml
6) T n-Tetradecane (C14)	8.576	7875896	46.746 ug/ml
7) T n-Hexadecane (C16)	10.184	8590509	48.699 ug/ml
8) T n-Octadecane (C18)	11.630	8898597	49.123 ug/ml
10) T n-Eicosane (C20)	12.942	9144324	51.672 ug/ml
11) T n-Heneicosane (C21)	13.554	9163425	51.753 ug/ml
13) T n-Docosane (C22)	14.141	8852402	50.469 ug/ml
14) T n-Tetracosane (C24)	15.245	7543408	42.933 ug/ml
15) T n-Hexacosane (C26)	16.270	8434128	48.799 ug/ml
16) T n-Octacosane (C28)	17.220	8351094	49.911 ug/ml
17) T n-Tricontane (C30)	18.111	7863077	47.474 ug/ml
18) T n-Dotriacontane (C32)	18.942	7464611	47.277 ug/ml
19) T n-Tetratriacontane (C34)	19.727	7399234	49.793 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6567189	46.983 ug/ml
21) T n-Octatriacontane (C38)	21.213	6321138	47.383 ug/ml
22) T n-Tetracontane (C40)	22.138	6446701	49.964 ug/ml

(f)=RT Delta > 1/2 Window

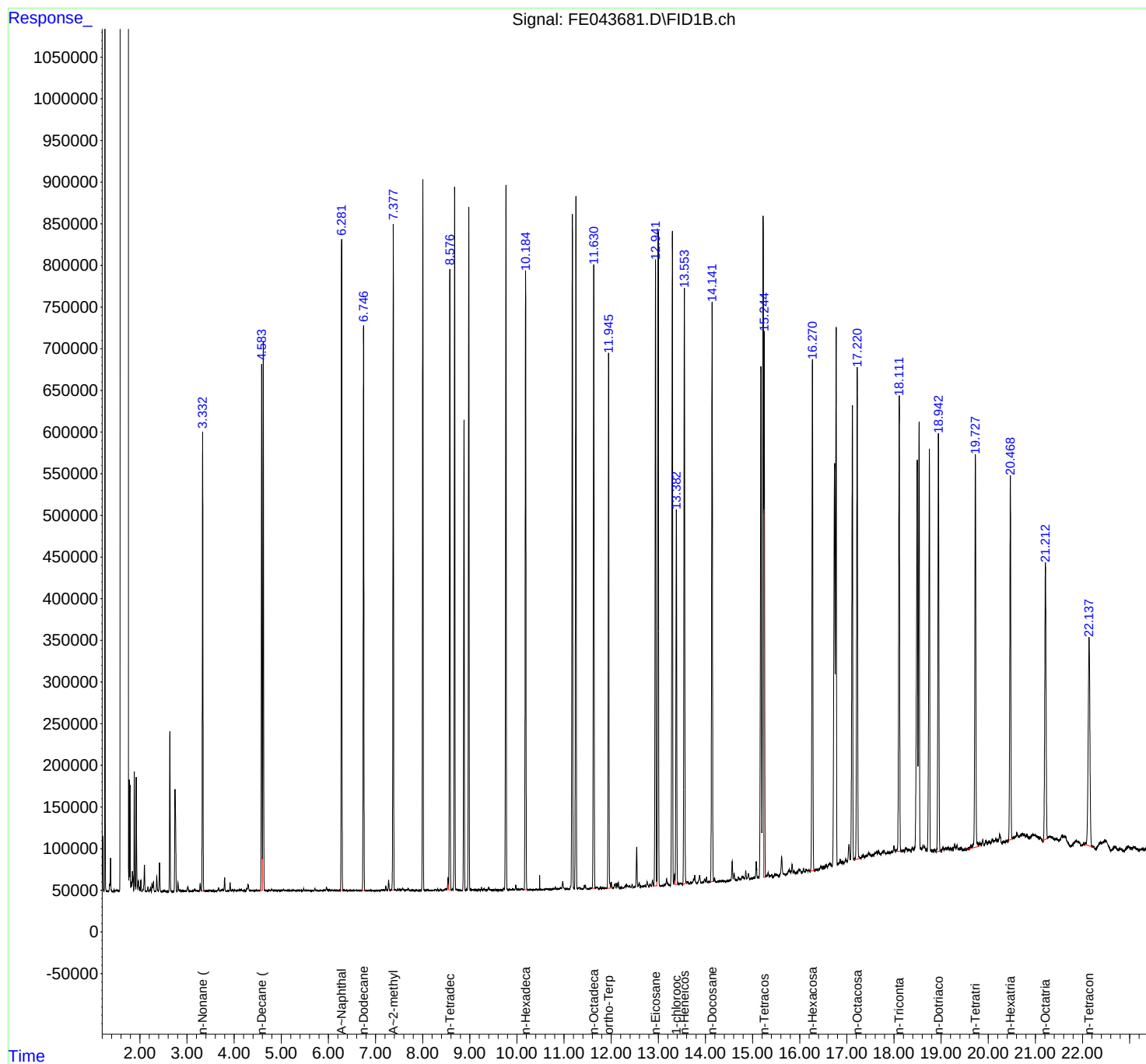
(m)=manual int.

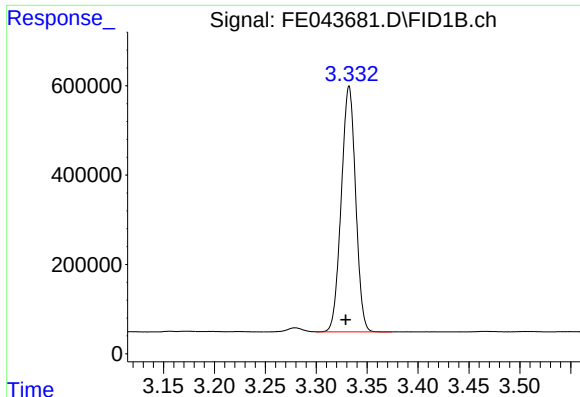
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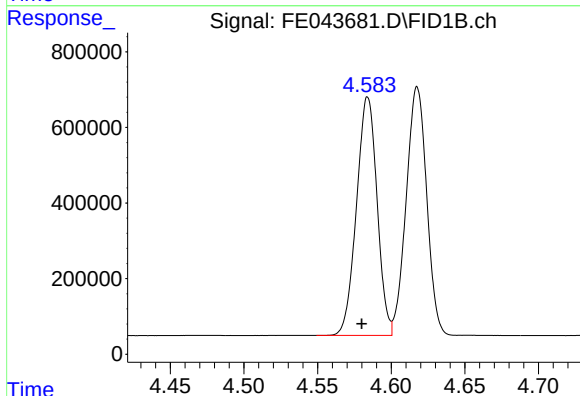




#1 n-Nonane (C9)

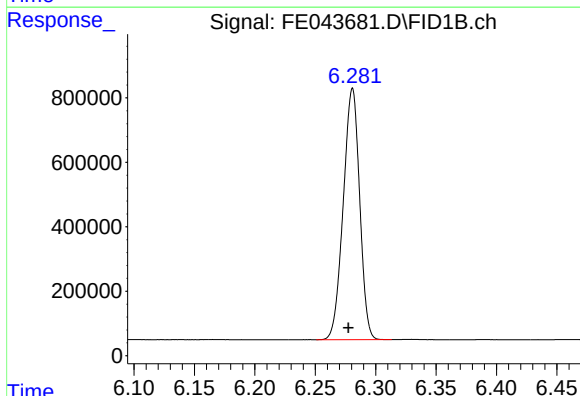
R.T.: 3.332 min
Delta R.T.: 0.003 min
Response: 5409407
Conc: 33.50 ug/ml

Instrument :
FID_E
ClientSampleId :
GROVE-SOIL-0731MS



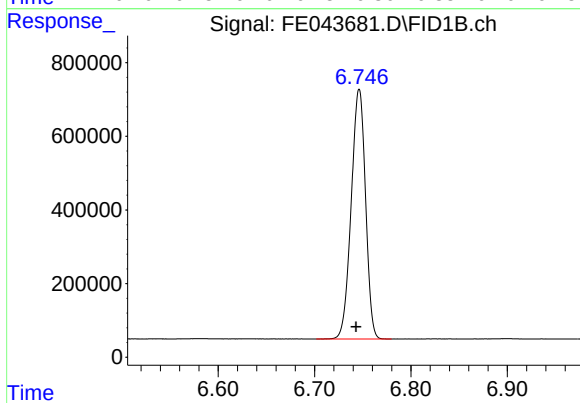
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 6139903
Conc: 37.25 ug/ml



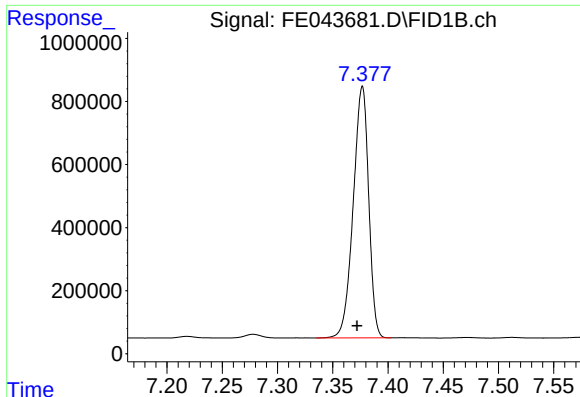
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 7373359
Conc: 40.50 ug/ml



#4 n-Dodecane (C12)

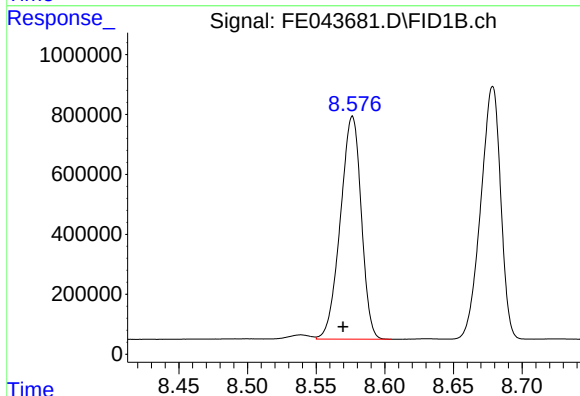
R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 6980205
Conc: 41.71 ug/ml



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

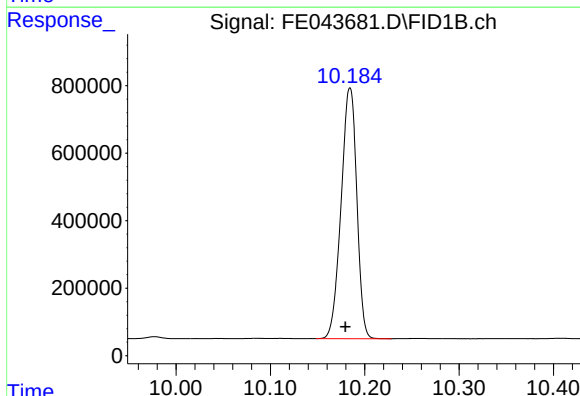
R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 7764344
Conc: 43.61 ug/ml

Instrument :
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GROVE-SOIL-0731MS



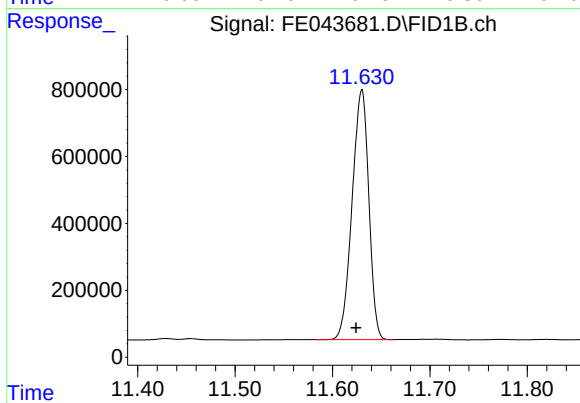
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.007 min
Response: 7875896
Conc: 46.75 ug/ml



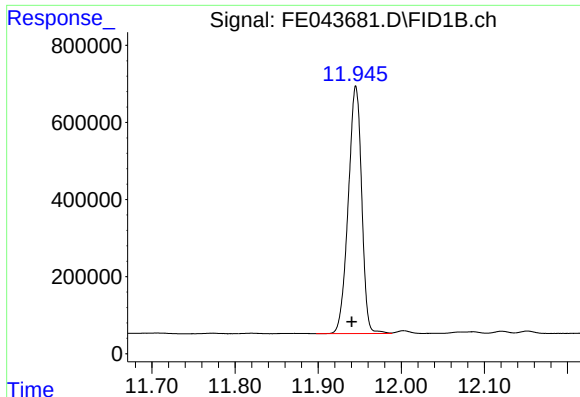
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.005 min
Response: 8590509
Conc: 48.70 ug/ml



#8 n-Octadecane (C18)

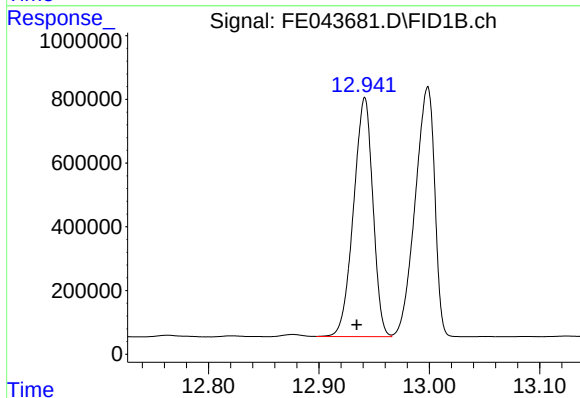
R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 8898597
Conc: 49.12 ug/ml



#9 ortho-Terphenyl (SURR)

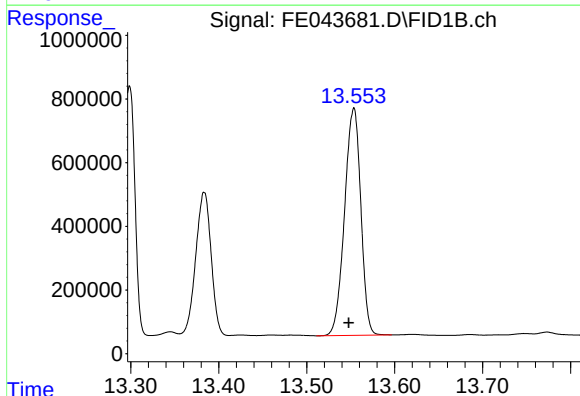
R.T.: 11.945 min
Delta R.T.: 0.005 min
Response: 7206151
Conc: 34.97 ug/ml

Instrument :
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ClientSampleId :
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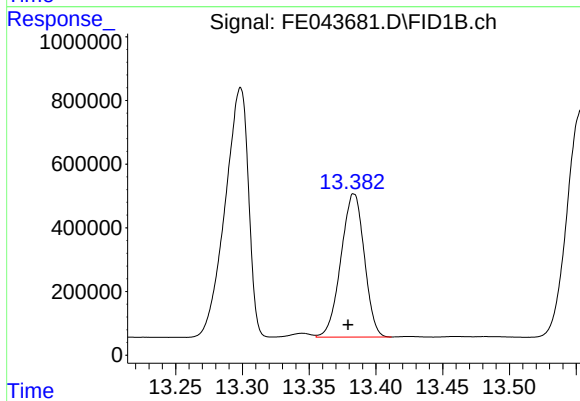
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 9144324
Conc: 51.67 ug/ml



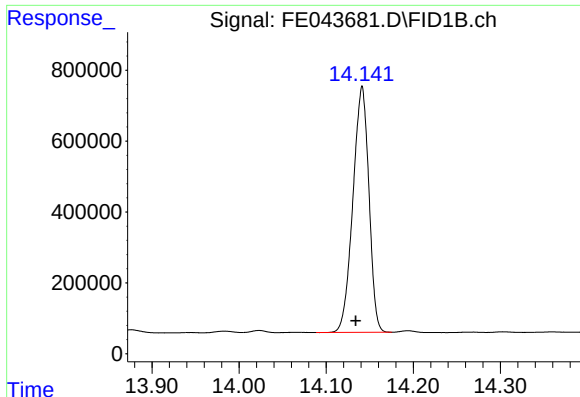
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 9163425
Conc: 51.75 ug/ml



#12 1-chlorooctadecane (SURR)

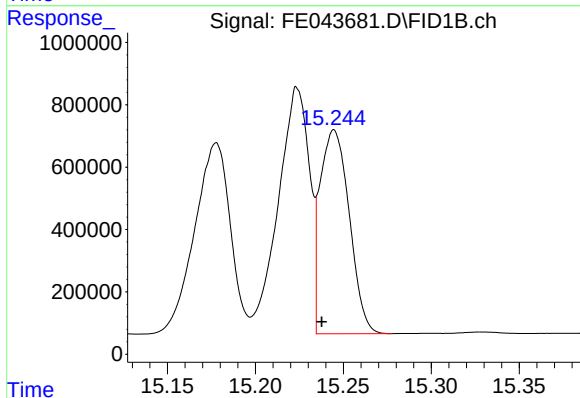
R.T.: 13.384 min
Delta R.T.: 0.004 min
Response: 5472437
Conc: 35.07 ug/ml



#13 n-Docosane (C22)

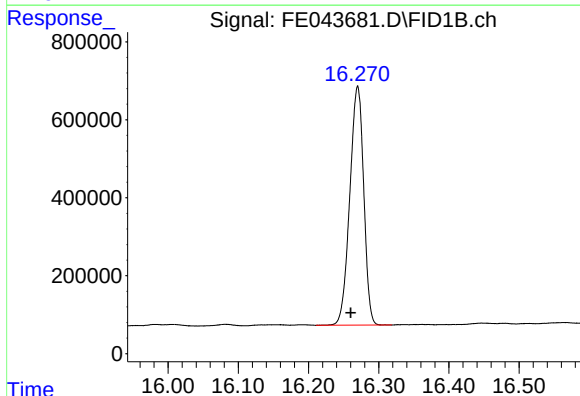
R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 8852402
Conc: 50.47 ug/ml

Instrument :
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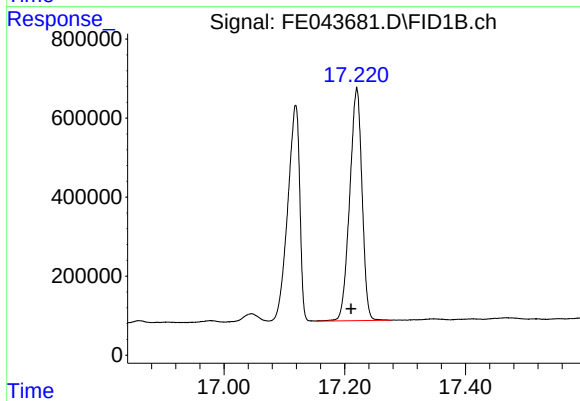
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.007 min
Response: 7543408
Conc: 42.93 ug/ml



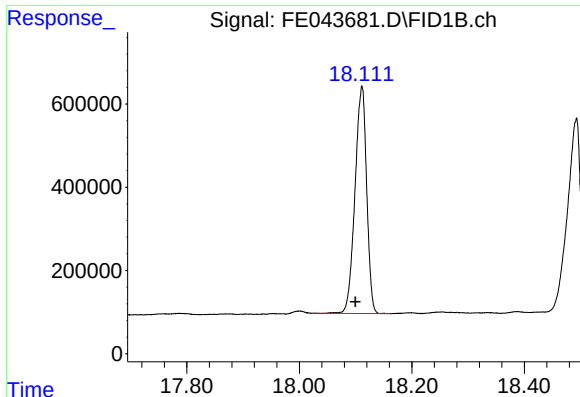
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.010 min
Response: 8434128
Conc: 48.80 ug/ml



#16 n-Octacosane (C28)

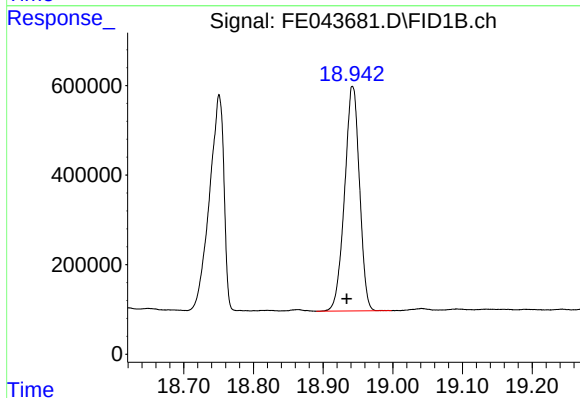
R.T.: 17.220 min
Delta R.T.: 0.009 min
Response: 8351094
Conc: 49.91 ug/ml



#17 n-Tricontane (C30)

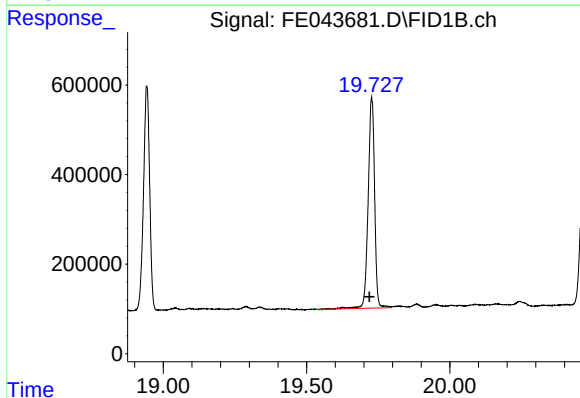
R.T.: 18.111 min
Delta R.T.: 0.012 min
Response: 7863077
Conc: 47.47 ug/ml

Instrument :
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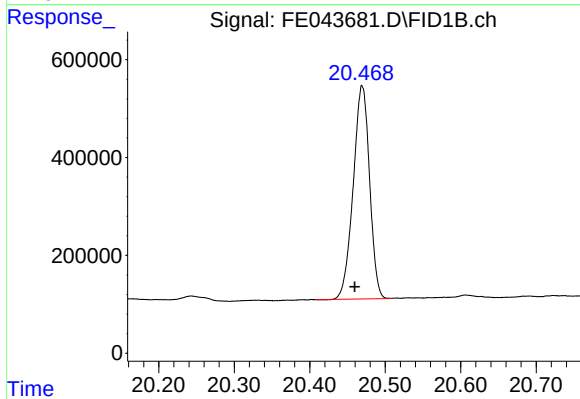
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.008 min
Response: 7464611
Conc: 47.28 ug/ml



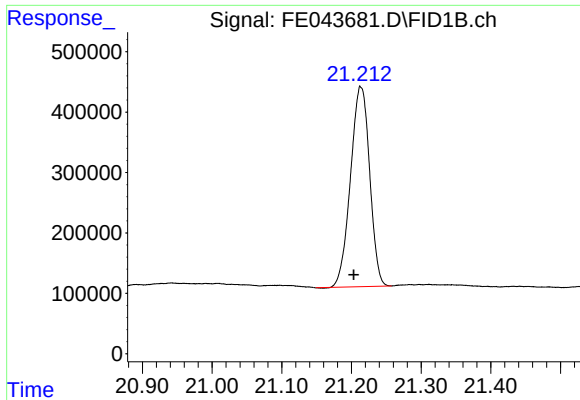
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 7399234
Conc: 49.79 ug/ml



#20 n-Hexatriacontane (C36)

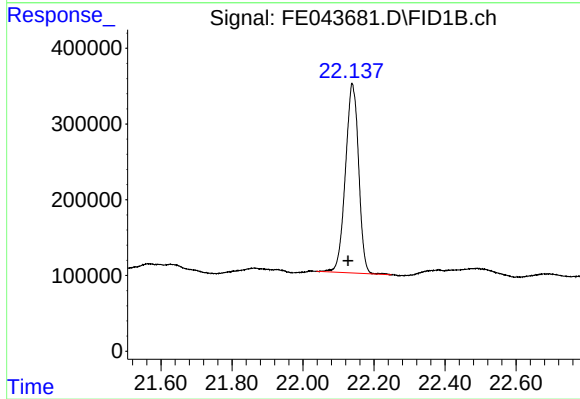
R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 6567189
Conc: 46.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.010 min
Response: 6321138
Conc: 47.38 ug/ml

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FID_E
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GROVE-SOIL-0731MS



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.012 min
Response: 6446701
Conc: 49.96 ug/ml