

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043682.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 16:35
 Operator : YP\AJ
 Sample : 03849-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GROVE-SOIL-0731MSD

Integration File: autoint1.e
 Quant Time: Aug 02 18:18:07 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	7194687	34.913 ug/ml
Spiked Amount 50.000		Recovery =	69.83%
12) S 1-chlorooctadecane (S...	13.384	5459995	34.989 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T n-Nonane (C9)	3.332	5432209	33.639 ug/ml
2) T n-Decane (C10)	4.584	6179581	37.494 ug/ml
3) T A~Naphthalene (C11.7)	6.281	7410736	40.702 ug/ml
4) T n-Dodecane (C12)	6.747	7020871	41.950 ug/ml
5) T A~2-methylnaphthalene...	7.377	7793929	43.779 ug/ml
6) T n-Tetradecane (C14)	8.577	7907048	46.931 ug/ml
7) T n-Hexadecane (C16)	10.184	8606625	48.790 ug/ml
8) T n-Octadecane (C18)	11.630	8893225	49.094 ug/ml
10) T n-Eicosane (C20)	12.942	9132430	51.605 ug/ml
11) T n-Heneicosane (C21)	13.555	9161927	51.744 ug/ml
13) T n-Docosane (C22)	14.142	8830867	50.347 ug/ml
14) T n-Tetracosane (C24)	15.246	7630847	43.431 ug/ml
15) T n-Hexacosane (C26)	16.272	8419428	48.714 ug/ml
16) T n-Octacosane (C28)	17.221	8366180	50.001 ug/ml
17) T n-Tricontane (C30)	18.111	7912117	47.770 ug/ml
18) T n-Dotriacontane (C32)	18.945	7520570	47.631 ug/ml
19) T n-Tetratriacontane (C34)	19.730	7229741	48.653 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6563276	46.955 ug/ml
21) T n-Octatriacontane (C38)	21.216	6353674	47.627 ug/ml
22) T n-Tetracontane (C40)	22.142	6288938	48.741 ug/ml

(f)=RT Delta > 1/2 Window

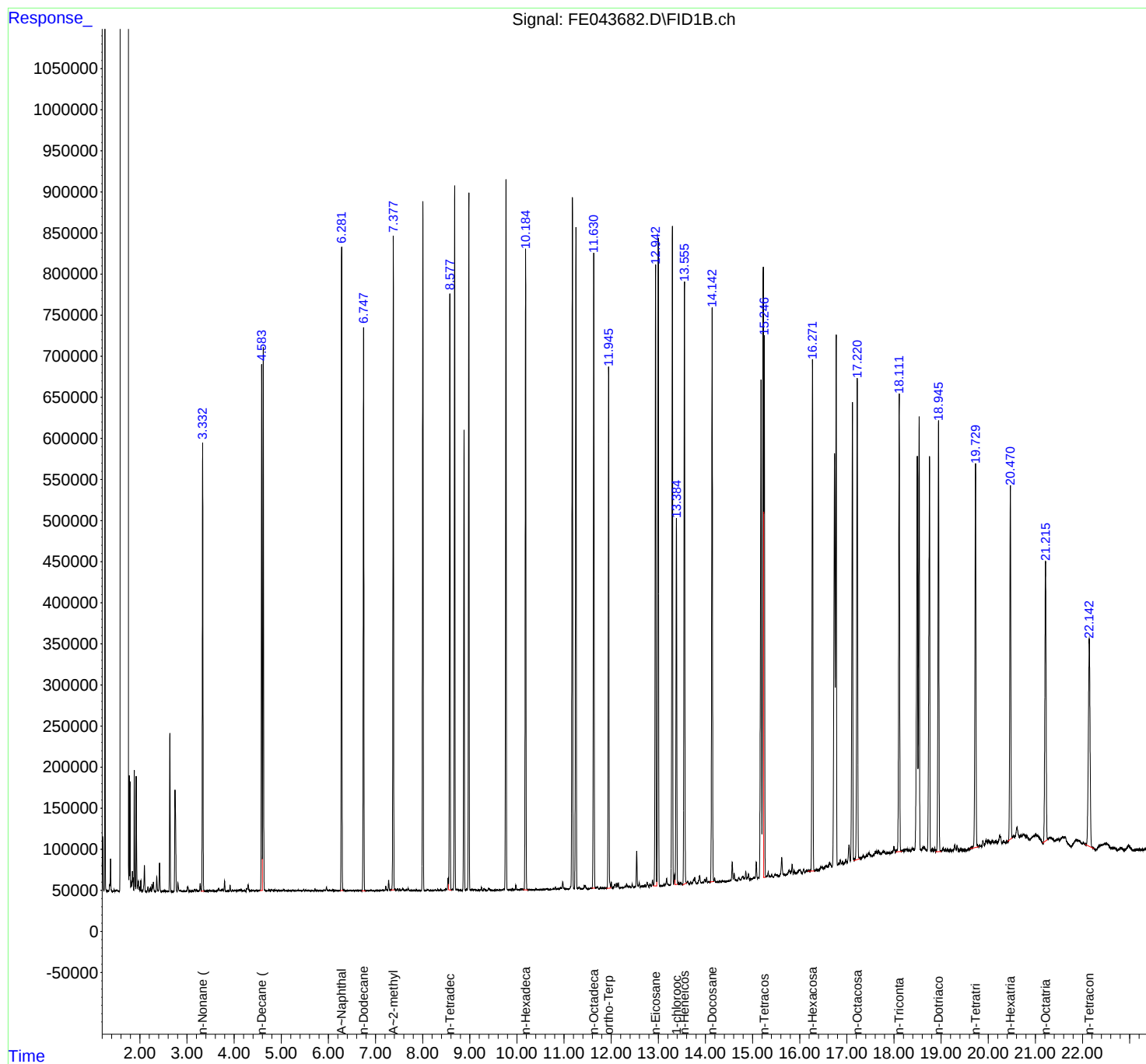
(m)=manual int.

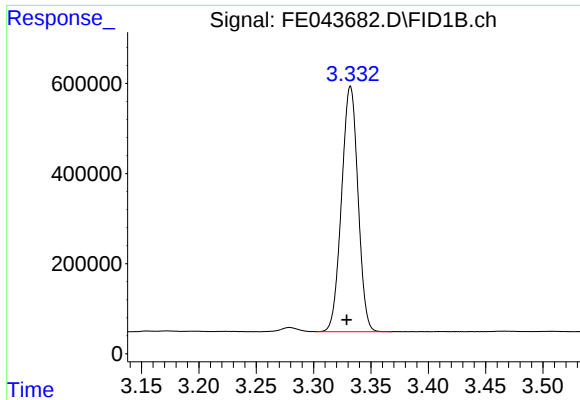
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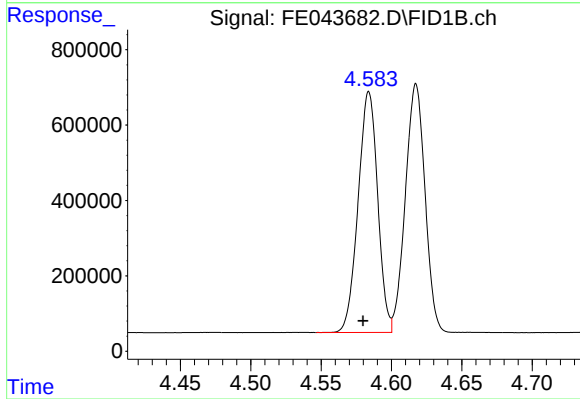




#1 n-Nonane (C9)

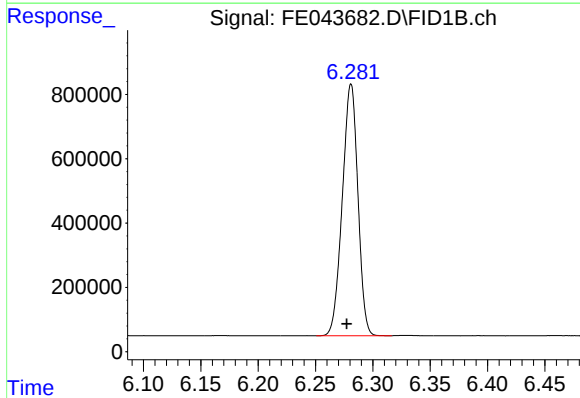
R.T.: 3.332 min
Delta R.T.: 0.003 min
Response: 5432209
Conc: 33.64 ug/ml

Instrument :
FID_E
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GROVE-SOIL-0731MSD



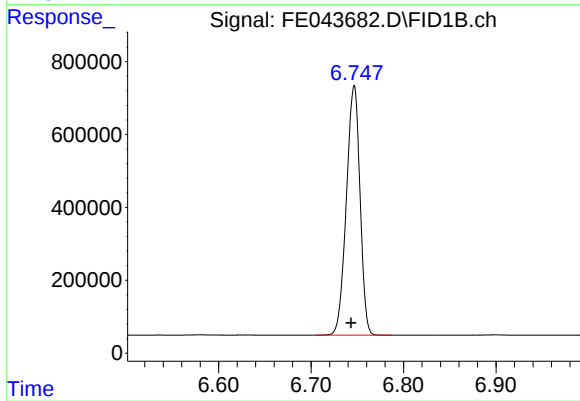
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 6179581
Conc: 37.49 ug/ml



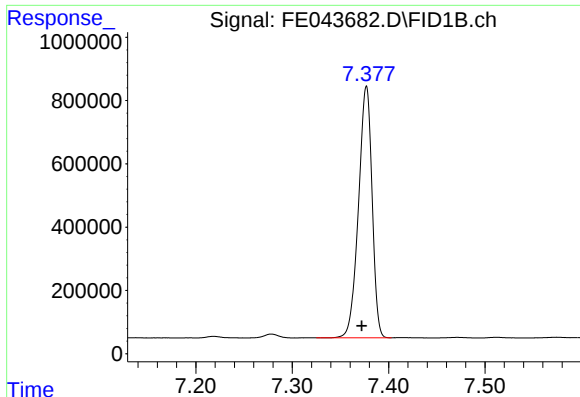
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 7410736
Conc: 40.70 ug/ml



#4 n-Dodecane (C12)

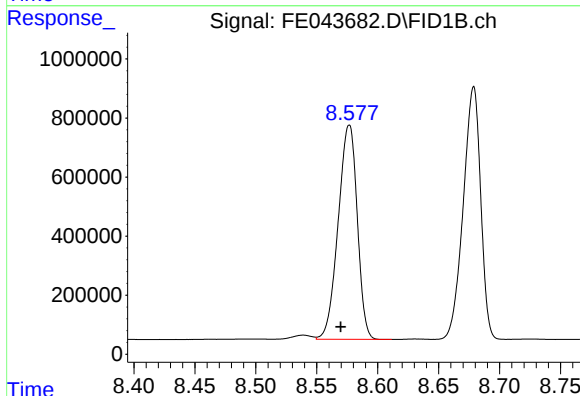
R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 7020871
Conc: 41.95 ug/ml



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

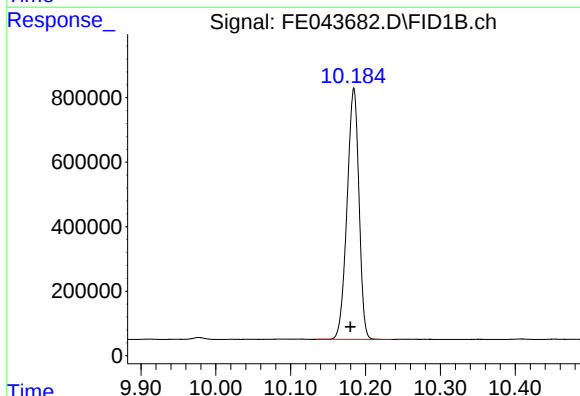
R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 7793929
Conc: 43.78 ug/ml

Instrument :
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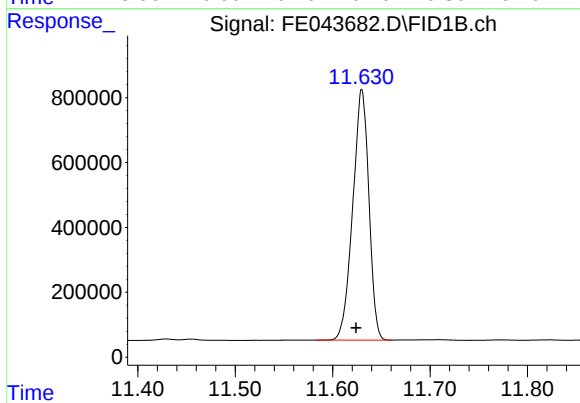
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 7907048
Conc: 46.93 ug/ml



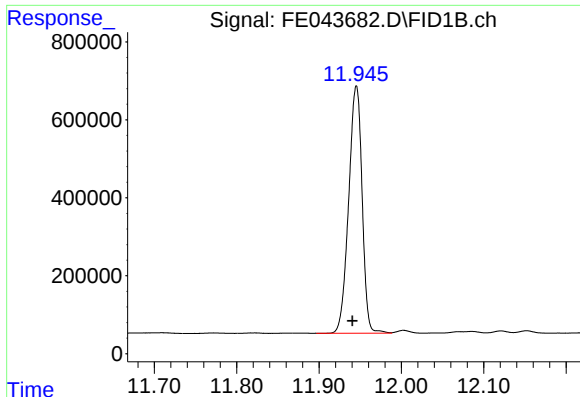
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.005 min
Response: 8606625
Conc: 48.79 ug/ml



#8 n-Octadecane (C18)

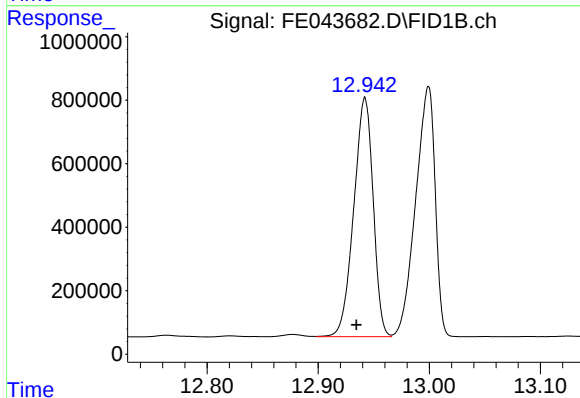
R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 8893225
Conc: 49.09 ug/ml



#9 ortho-Terphenyl (SURR)

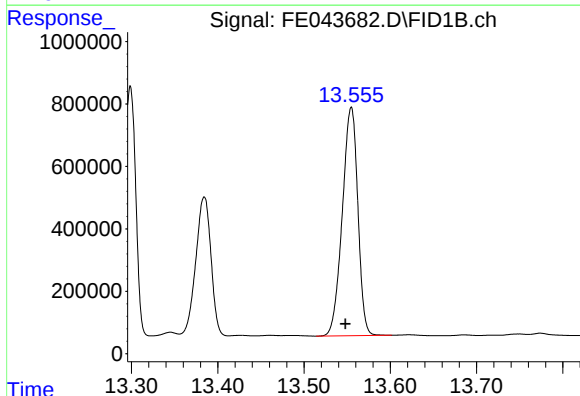
R.T.: 11.945 min
Delta R.T.: 0.005 min
Response: 7194687
Conc: 34.91 ug/ml

Instrument :
FID_E
ClientSampleId :
GROVE-SOIL-0731MSD



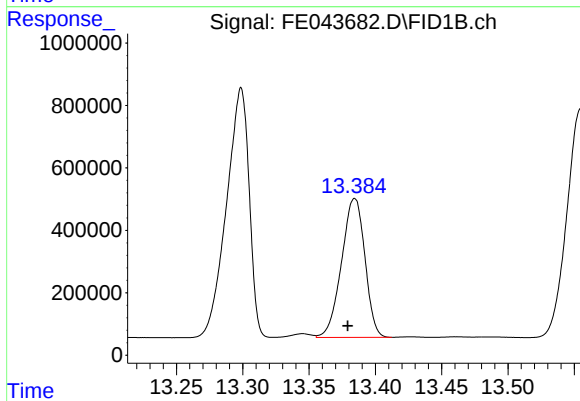
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 9132430
Conc: 51.61 ug/ml



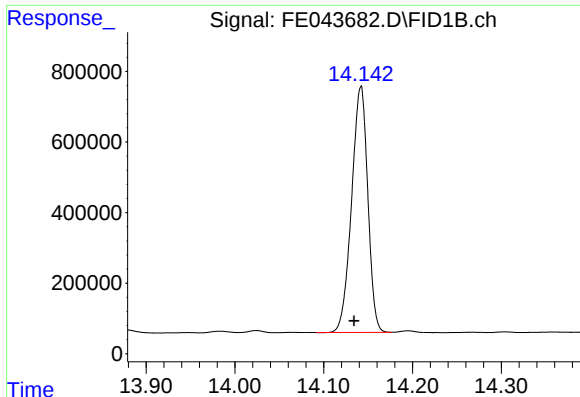
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.007 min
Response: 9161927
Conc: 51.74 ug/ml



#12 1-chlorooctadecane (SURR)

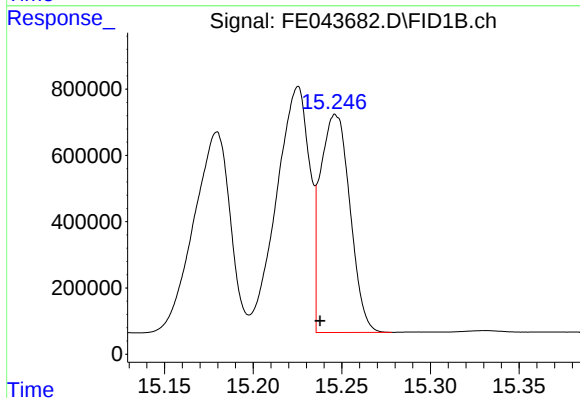
R.T.: 13.384 min
Delta R.T.: 0.005 min
Response: 5459995
Conc: 34.99 ug/ml



#13 n-Docosane (C22)

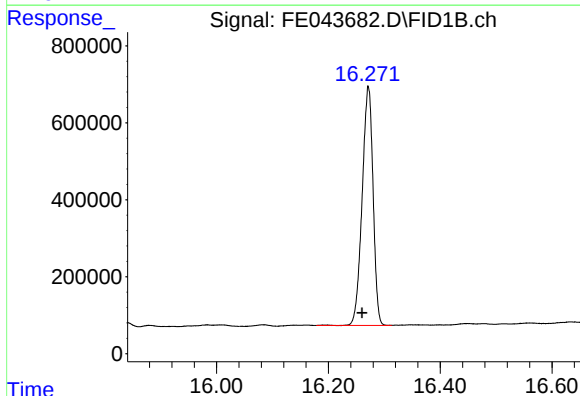
R.T.: 14.142 min
Delta R.T.: 0.008 min
Response: 8830867
Conc: 50.35 ug/ml

Instrument :
FID_E
ClientSampleId :
GROVE-SOIL-0731MSD



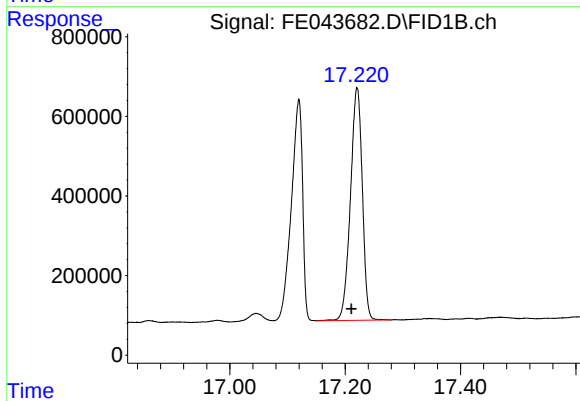
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.009 min
Response: 7630847
Conc: 43.43 ug/ml



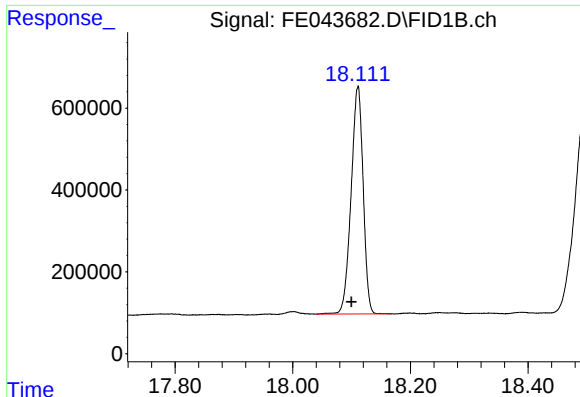
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.011 min
Response: 8419428
Conc: 48.71 ug/ml



#16 n-Octacosane (C28)

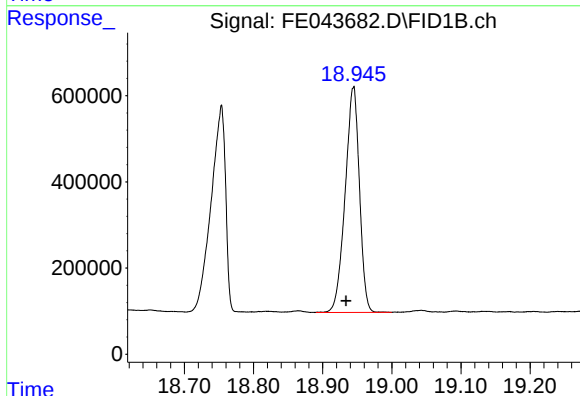
R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 8366180
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

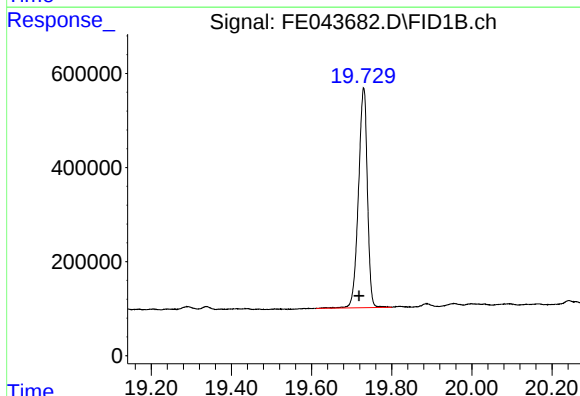
R.T.: 18.111 min
Delta R.T.: 0.011 min
Response: 7912117
Conc: 47.77 ug/ml

Instrument :
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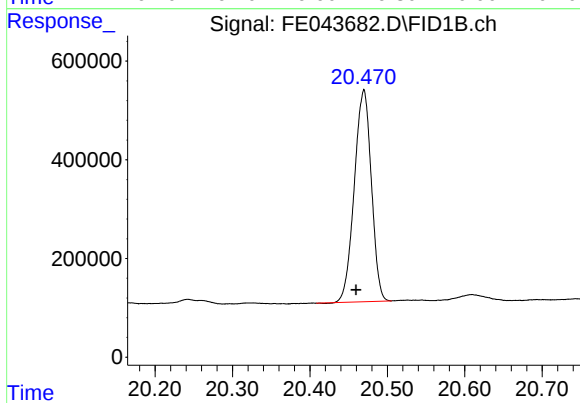
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.010 min
Response: 7520570
Conc: 47.63 ug/ml



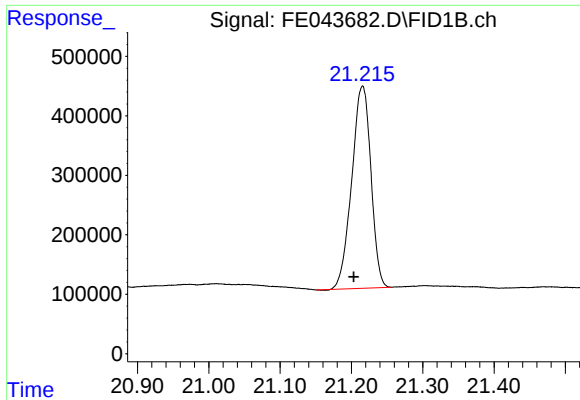
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.011 min
Response: 7229741
Conc: 48.65 ug/ml



#20 n-Hexatriacontane (C36)

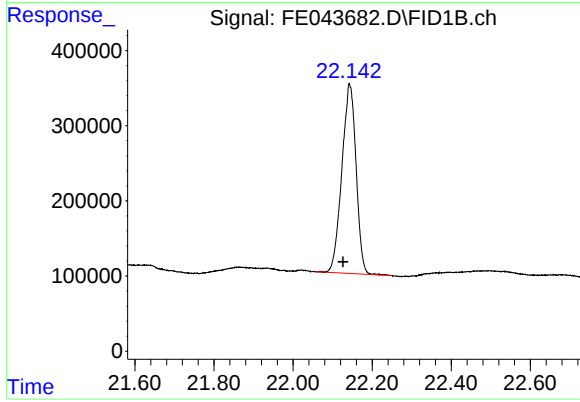
R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 6563276
Conc: 46.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.012 min
Response: 6353674
Conc: 47.63 ug/ml

Instrument :
FID_E
ClientSampleId :
GROVE-SOIL-0731MSD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.016 min
Response: 6288938
Conc: 48.74 ug/ml