

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066954.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 19:34
 Operator : YP/AJ
 Sample : P3464-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TOPSOILMS

Integration File: autoint1.e
 Quant Time: Aug 08 02:12:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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			
12) S 1-chlorooctadecane (S...	12.953	3161153	28.271 ug/ml
Spiked Amount 50.000		Recovery =	56.54%
Target Compounds			
1) T n-Nonane (C9)	3.281	3020301	21.286 ug/ml
2) T n-Decane (C10)	4.348	3654473	24.721 ug/ml
4) T n-Dodecane (C12)	6.366	4300022	28.683 ug/ml
6) T n-Tetradecane (C14)	8.161	5175276	35.372 ug/ml
7) T n-Hexadecane (C16)	9.762	5592760	37.368 ug/ml
8) T n-Octadecane (C18)	11.203	5714132	38.506 ug/ml
10) T n-Eicosane (C20)	12.511	5684136	40.780 ug/ml
11) T n-Heneicosane (C21)	13.124	5466921	40.136 ug/ml
13) T n-Docosane (C22)	13.709	5371485	39.990 ug/ml
14) T n-Tetracosane (C24)	14.811	5295412	39.811 ug/ml
15) T n-Hexacosane (C26)	15.832	5144370	39.537 ug/ml
16) T n-Octacosane (C28)	16.781	5010938	39.721 ug/ml
17) T n-Tricontane (C30)	17.667	5002930	38.905 ug/ml
18) T n-Dotriacontane (C32)	18.500	4893357	38.869 ug/ml
19) T n-Tetratriacontane (C34)	19.283	4766317	38.527 ug/ml
20) T n-Hexatriacontane (C36)	20.022	4402007	37.842 ug/ml
21) T n-Octatriacontane (C38)	20.750	4255003	38.297 ug/ml
22) T n-Tetracontane (C40)	21.645	3880708	35.697 ug/ml

(f)=RT Delta > 1/2 Window

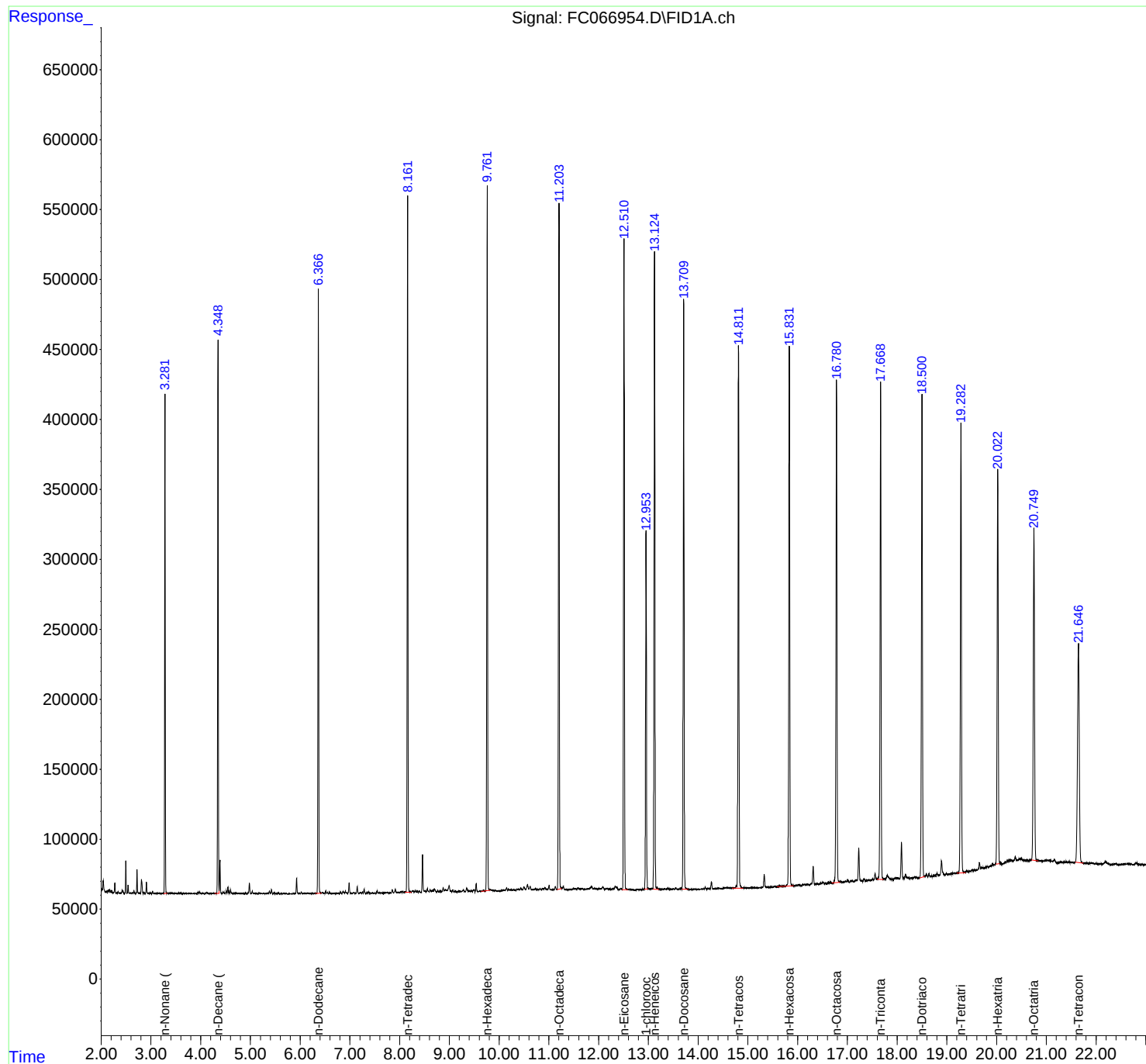
(m)=manual int.

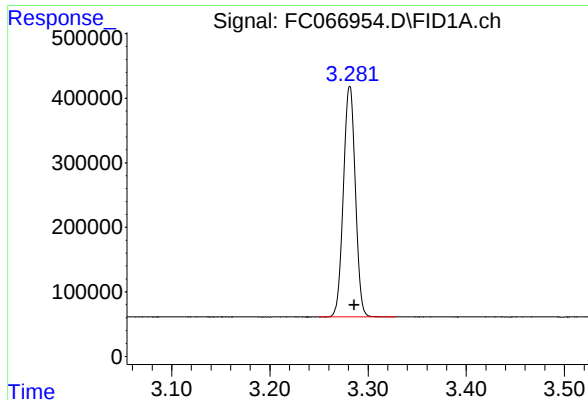
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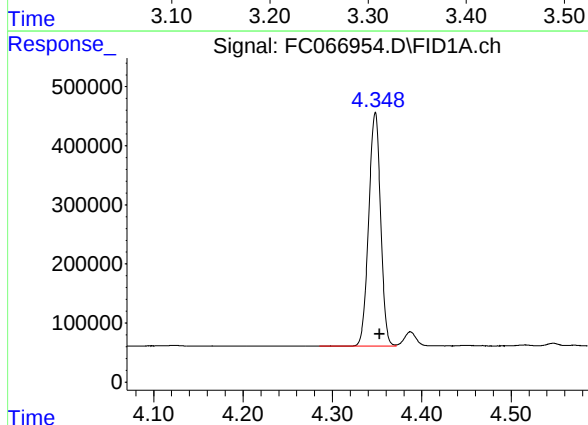




#1 n-Nonane (C9)

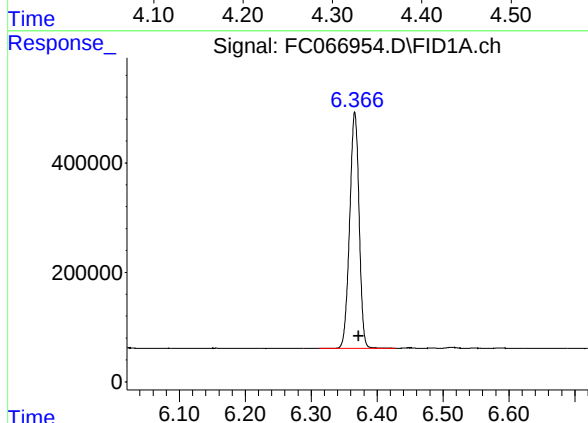
R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 3020301
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMS



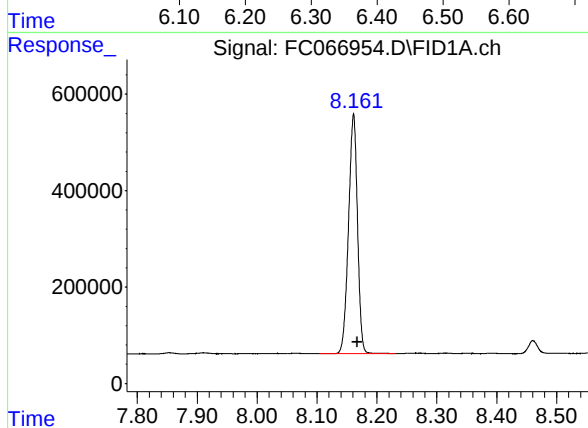
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 3654473
Conc: 24.72 ug/ml



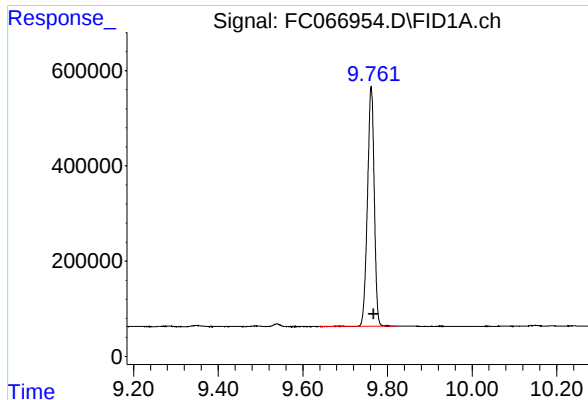
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 4300022
Conc: 28.68 ug/ml



#6 n-Tetradecane (C14)

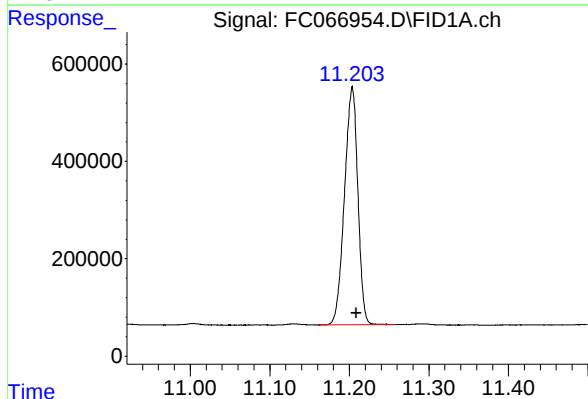
R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 5175276
Conc: 35.37 ug/ml



#7 n-Hexadecane (C16)

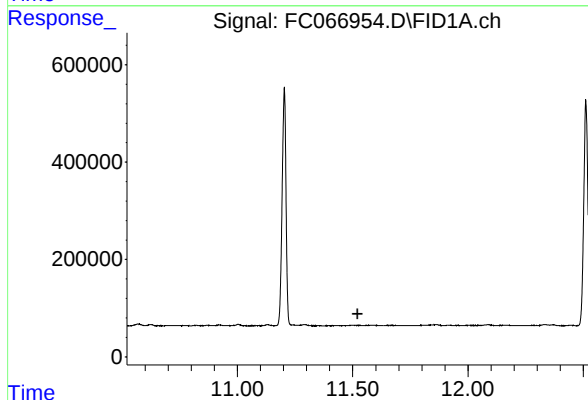
R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 5592760
Conc: 37.37 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMS



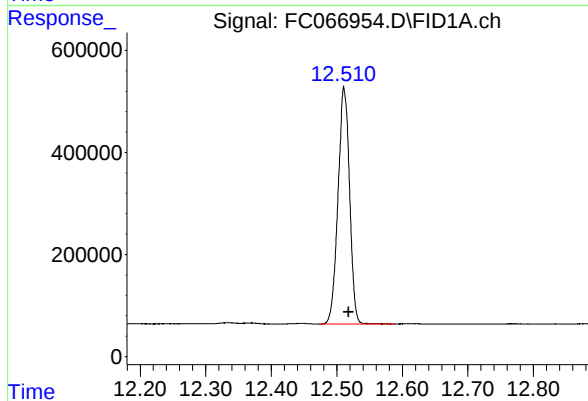
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 5714132
Conc: 38.51 ug/ml



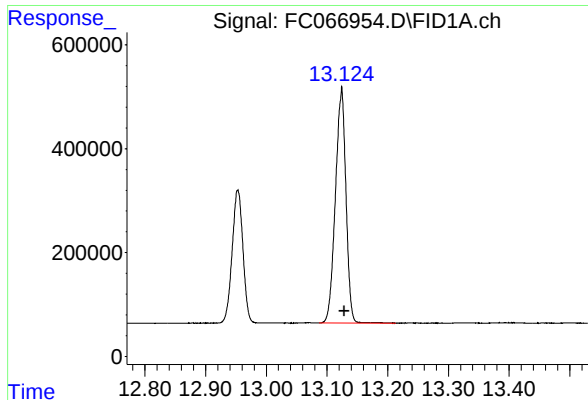
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

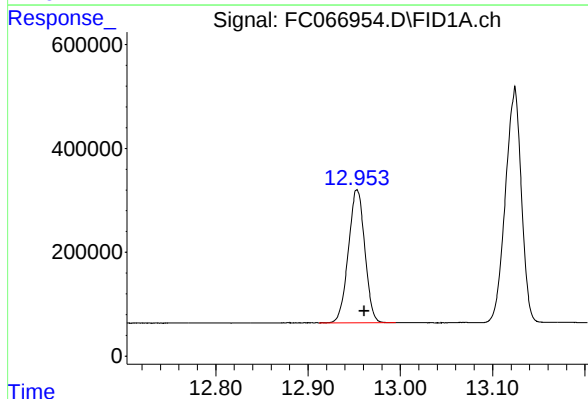
R.T.: 12.511 min
Delta R.T.: -0.006 min
Response: 5684136
Conc: 40.78 ug/ml



#11 n-Heneicosane (C21)

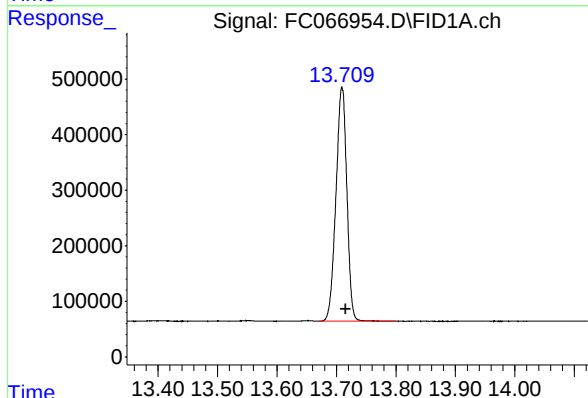
R.T.: 13.124 min
Delta R.T.: -0.005 min
Response: 5466921
Conc: 40.14 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMS



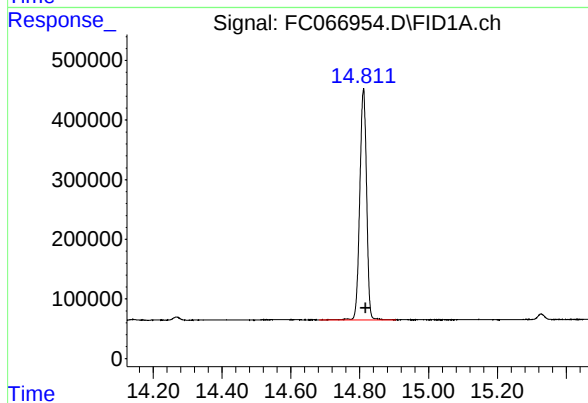
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: -0.008 min
Response: 3161153
Conc: 28.27 ug/ml



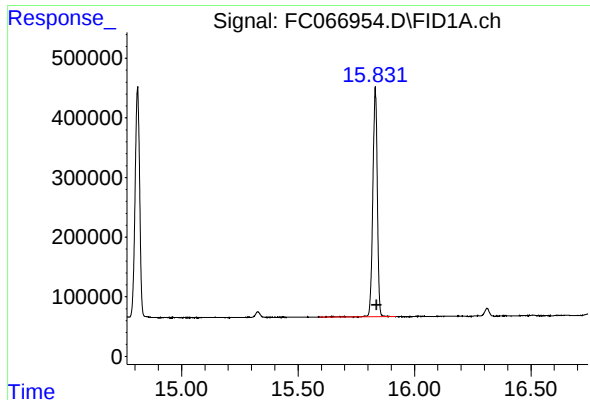
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 5371485
Conc: 39.99 ug/ml



#14 n-Tetracosane (C24)

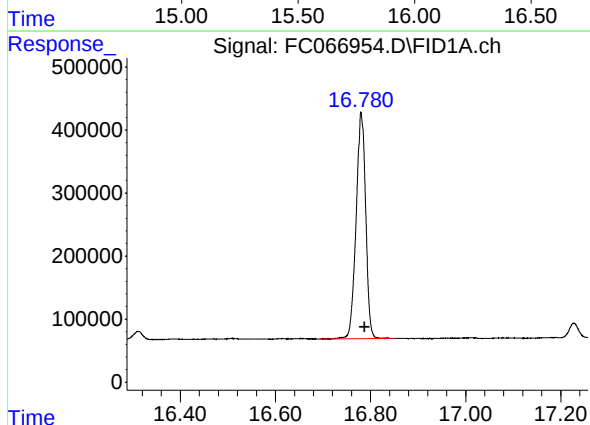
R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 5295412
Conc: 39.81 ug/ml



#15 n-Hexacosane (C26)

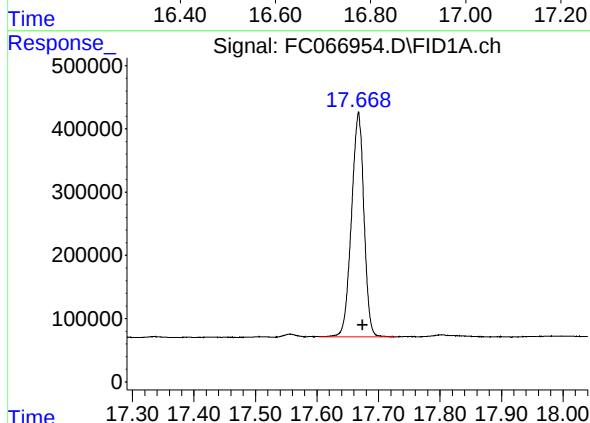
R.T.: 15.832 min
Delta R.T.: -0.007 min
Response: 5144370
Conc: 39.54 ug/ml

Instrument :
FID_C
ClientSampleId :
TOPSOILMS



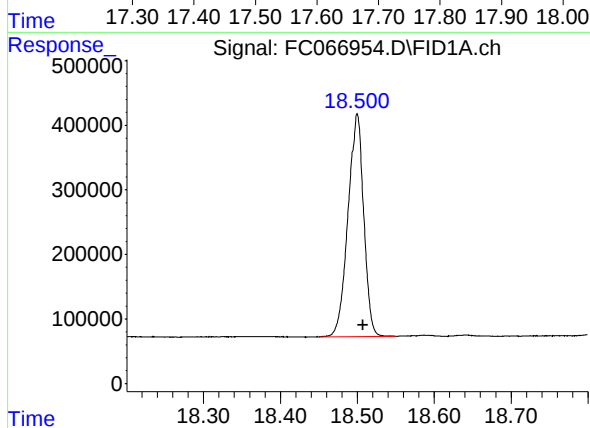
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 5010938
Conc: 39.72 ug/ml



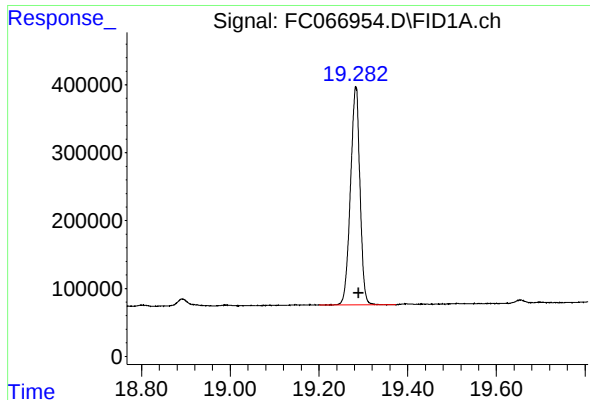
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.007 min
Response: 5002930
Conc: 38.90 ug/ml



#18 n-Dotriacontane (C32)

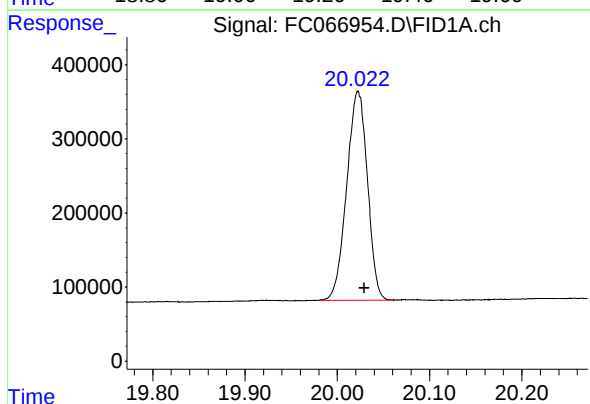
R.T.: 18.500 min
Delta R.T.: -0.007 min
Response: 4893357
Conc: 38.87 ug/ml



#19 n-Tetratriacontane (C34)

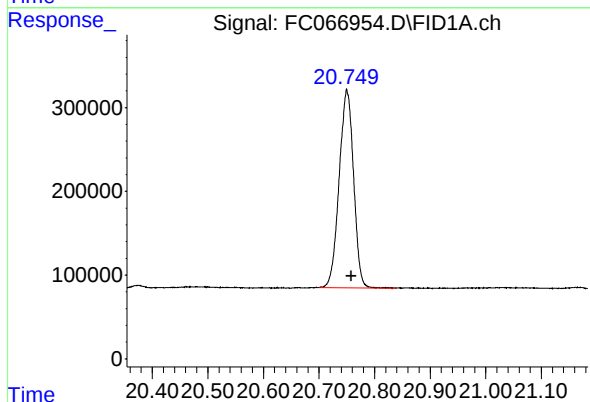
R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 4766317
Conc: 38.53 ug/ml

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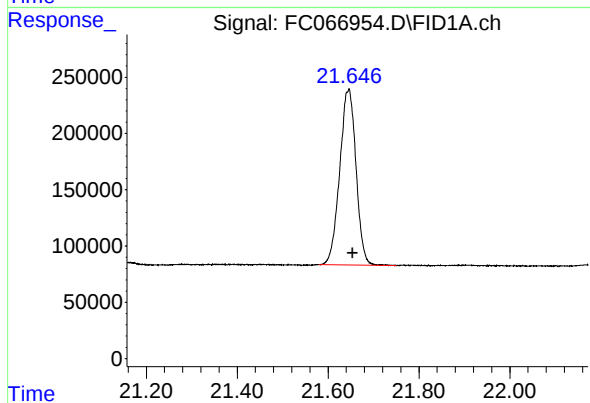
#20 n-Hexatriacontane (C36)

R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 4402007
Conc: 37.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.008 min
Response: 4255003
Conc: 38.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.009 min
Response: 3880708
Conc: 35.70 ug/ml