

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066862.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 09:37
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:22:11 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...	12.960	3342270	29.891 ug/ml
Spiked Amount 50.000		Recovery =	59.78%
Target Compounds			
1) T n-Nonane (C9)	3.284	184229	1.298 ug/ml
2) T n-Decane (C10)	4.350	222854	1.508 ug/ml
4) T n-Dodecane (C12)	6.368	349469	2.331 ug/ml
6) T n-Tetradecane (C14)	8.163	320903	2.193 ug/ml
7) T n-Hexadecane (C16)	9.763	281919	1.884 ug/ml
8) T n-Octadecane (C18)	11.205	284367	1.916 ug/ml
10) T n-Eicosane (C20)	12.514	291041	2.088 ug/ml
11) T n-Heneicosane (C21)	13.126	265574	1.950 ug/ml
13) T n-Docosane (C22)	13.711	279671	2.082 ug/ml
14) T n-Tetracosane (C24)	14.814	290110	2.181 ug/ml
15) T n-Hexacosane (C26)	15.834	273600	2.103 ug/ml
16) T n-Octacosane (C28)	16.784	266661	2.114 ug/ml
17) T n-Tricontane (C30)	17.671	277251	2.156 ug/ml
18) T n-Dotriacontane (C32)	18.503	287610	2.285 ug/ml
19) T n-Tetratriacontane (C34)	19.287	277047	2.239 ug/ml
20) T n-Hexatriacontane (C36)	20.026	256049	2.201 ug/ml
21) T n-Octatriacontane (C38)	20.753	235711	2.121 ug/ml
22) T n-Tetracontane (C40)	21.651	251345	2.312 ug/ml

(f)=RT Delta > 1/2 Window

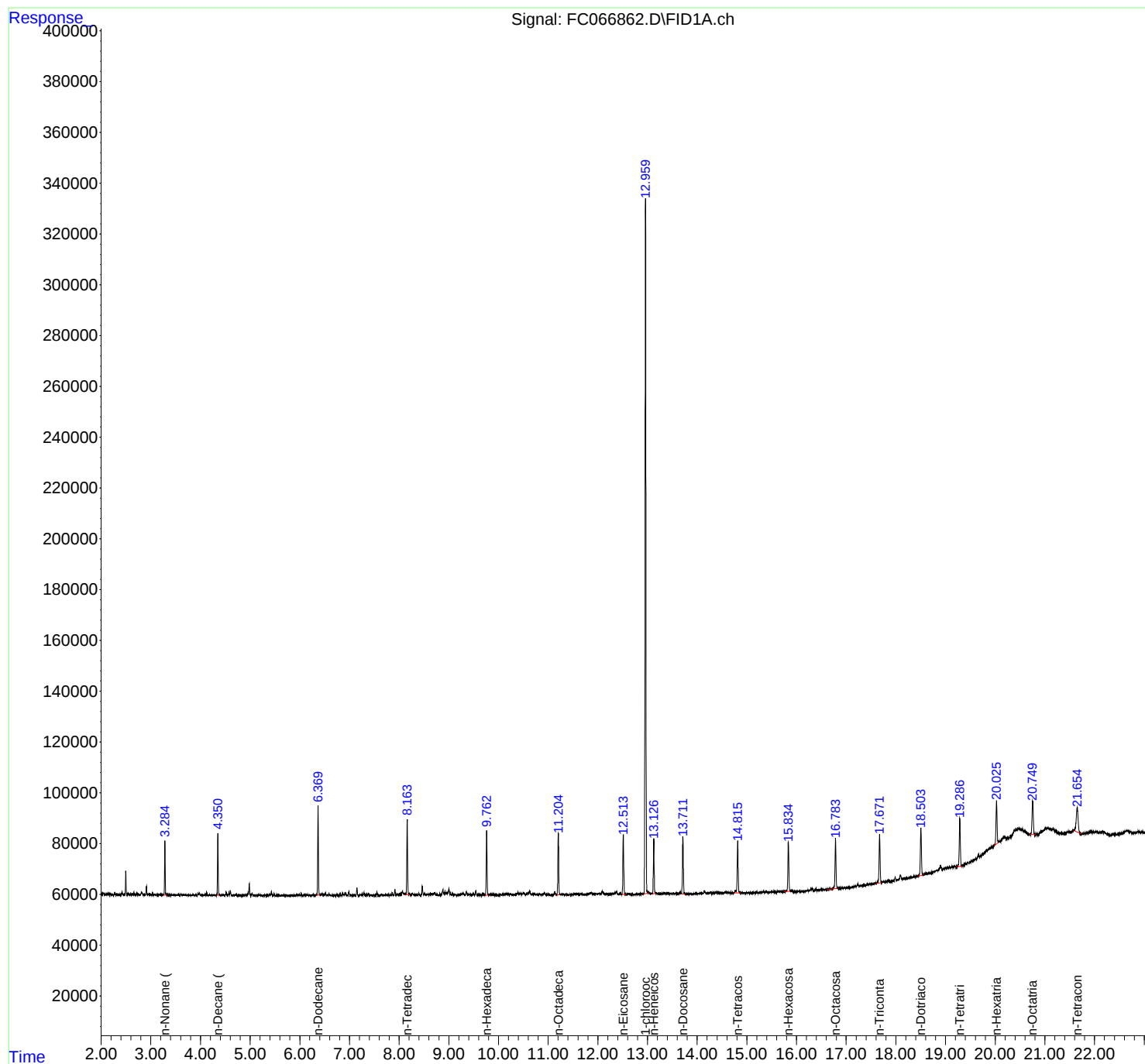
(m)=manual int.

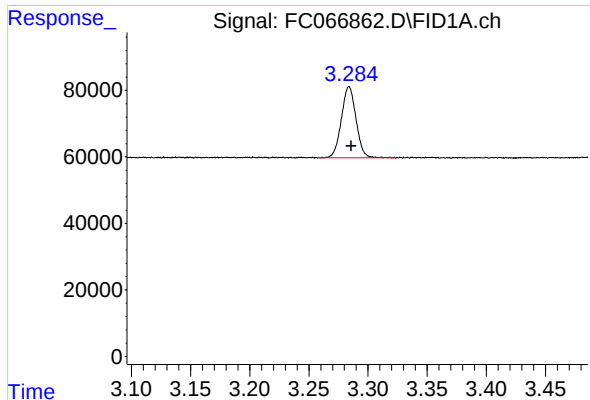
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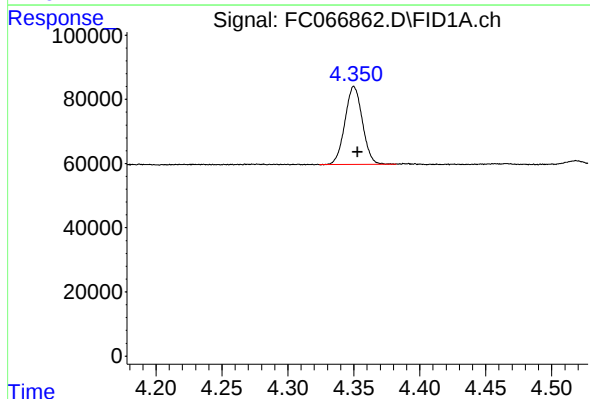




#1 n-Nonane (C9)

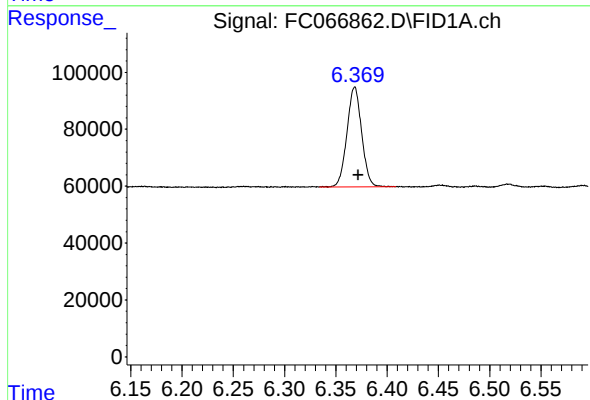
R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 184229
Conc: 1.30 ug/ml

Instrument :
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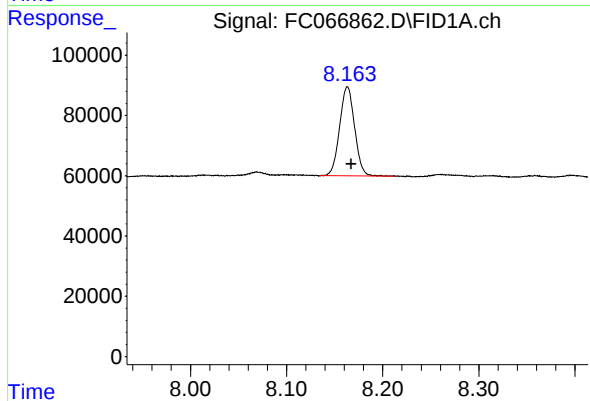
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 222854
Conc: 1.51 ug/ml



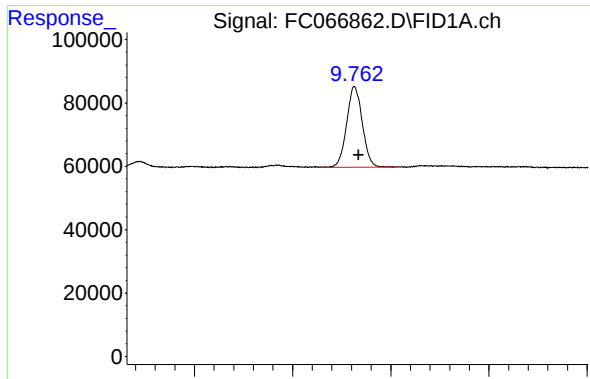
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 349469
Conc: 2.33 ug/ml



#6 n-Tetradecane (C14)

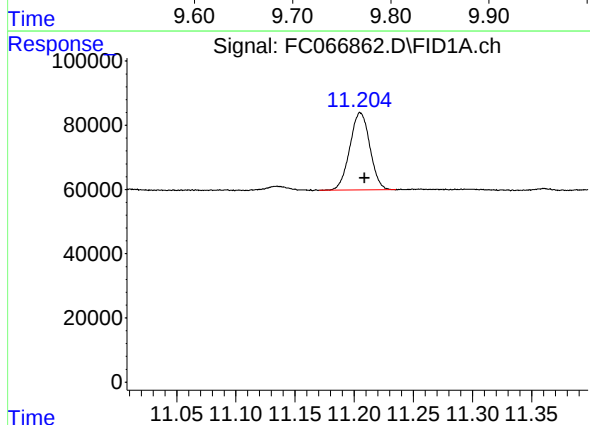
R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 320903
Conc: 2.19 ug/ml



#7 n-Hexadecane (C16)

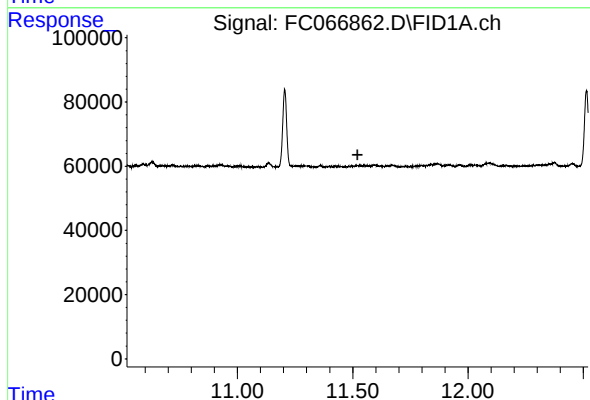
R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 281919
Conc: 1.88 ug/ml

Instrument :
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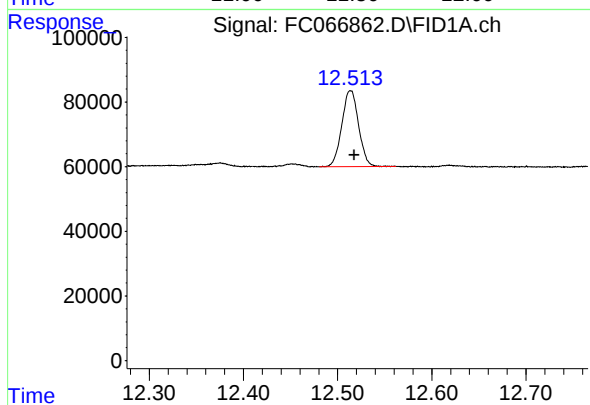
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 284367
Conc: 1.92 ug/ml



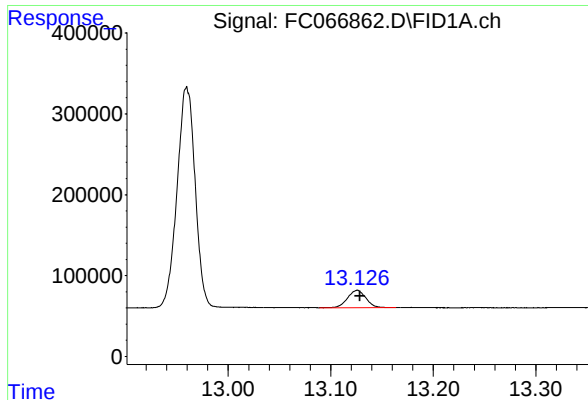
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

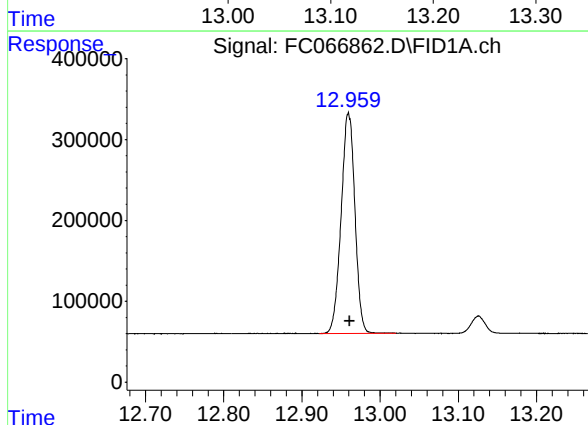
R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 291041
Conc: 2.09 ug/ml



#11 n-Heneicosane (C21)

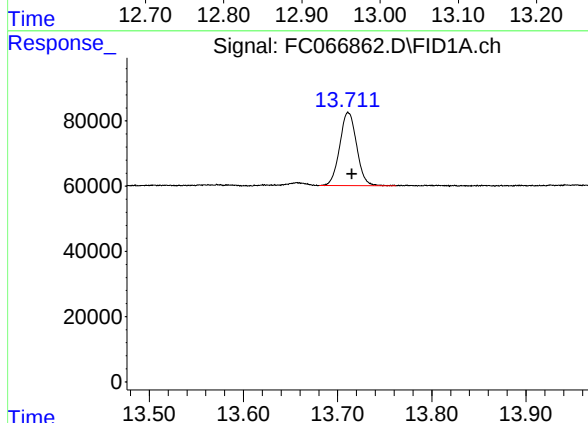
R.T.: 13.126 min
Delta R.T.: -0.003 min
Response: 265574
Conc: 1.95 ug/ml

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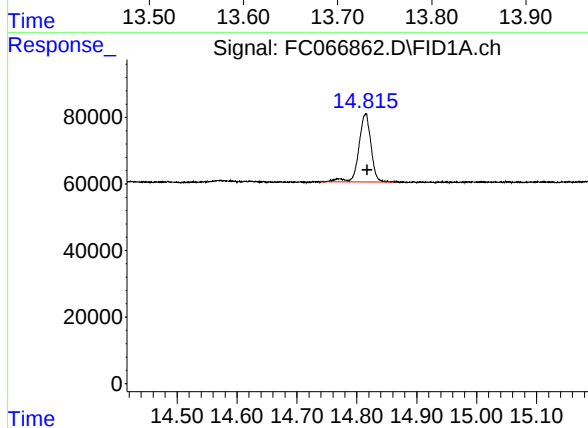
#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 3342270
Conc: 29.89 ug/ml



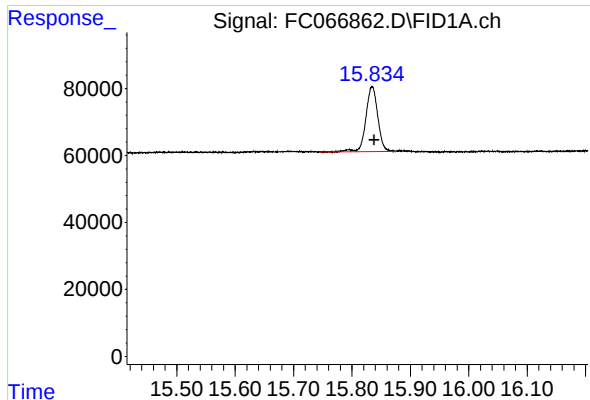
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.004 min
Response: 279671
Conc: 2.08 ug/ml



#14 n-Tetracosane (C24)

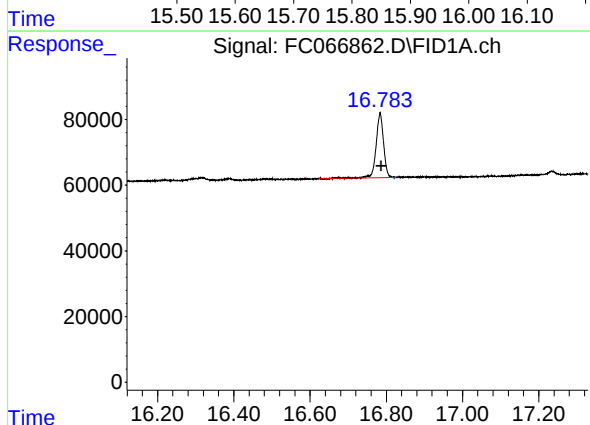
R.T.: 14.814 min
Delta R.T.: -0.003 min
Response: 290110
Conc: 2.18 ug/ml



#15 n-Hexacosane (C26)

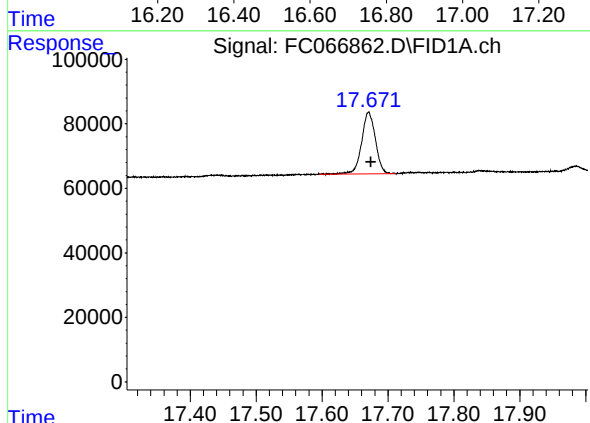
R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 273600
Conc: 2.10 ug/ml

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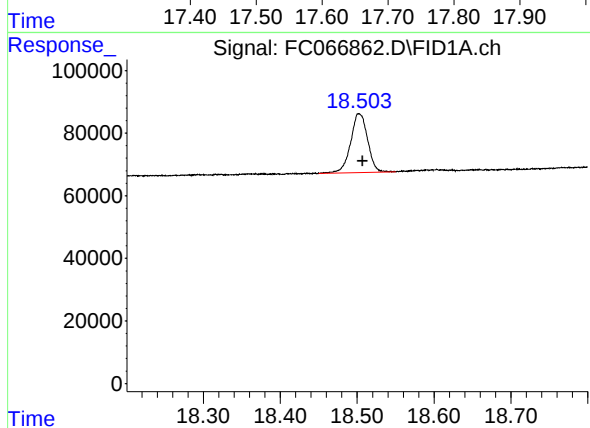
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 266661
Conc: 2.11 ug/ml



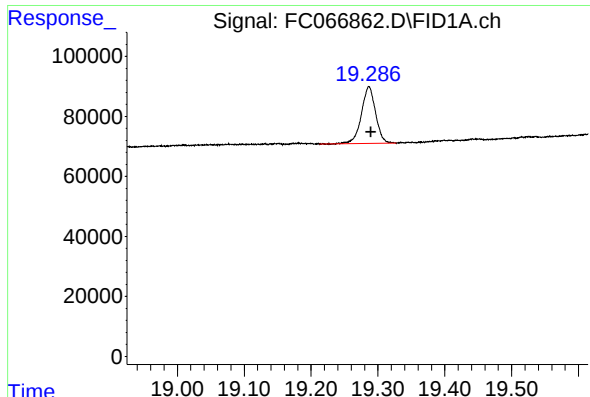
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.004 min
Response: 277251
Conc: 2.16 ug/ml



#18 n-Dotriacontane (C32)

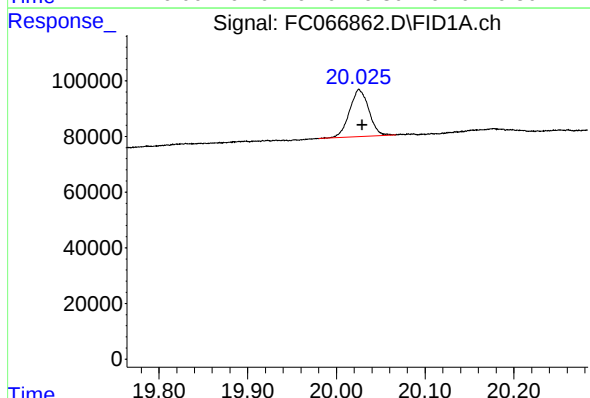
R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 287610
Conc: 2.28 ug/ml



#19 n-Tetratriacontane (C34)

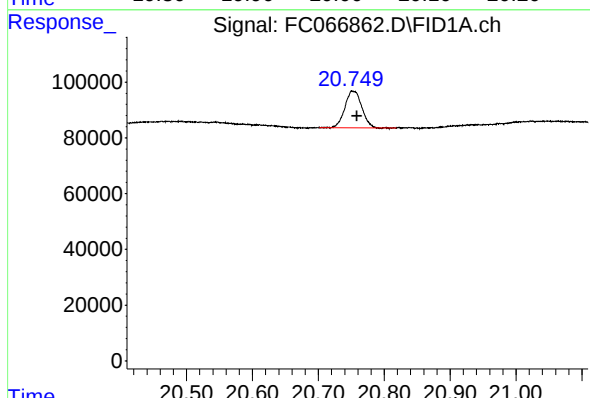
R.T.: 19.287 min
Delta R.T.: -0.003 min
Response: 277047
Conc: 2.24 ug/ml

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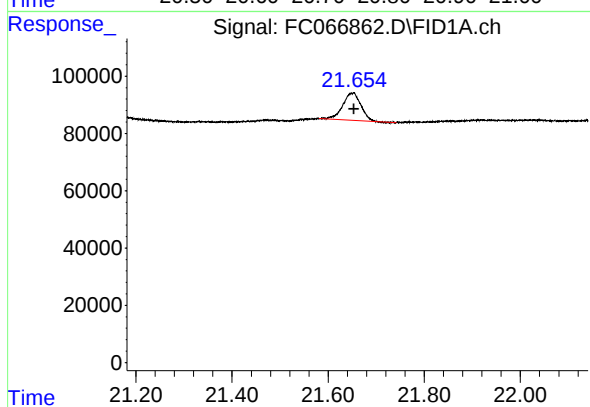
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 256049
Conc: 2.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.005 min
Response: 235711
Conc: 2.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: -0.004 min
Response: 251345
Conc: 2.31 ug/ml