

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066875.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 01:05
 Operator : YP/AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:25:23 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...	12.958	3188452	28.515 ug/ml
Spiked Amount 50.000		Recovery =	57.03%
Target Compounds			
1) T n-Nonane (C9)	3.282	359460	2.533 ug/ml
2) T n-Decane (C10)	4.348	440441	2.979 ug/ml
4) T n-Dodecane (C12)	6.368	553280	3.691 ug/ml
6) T n-Tetradecane (C14)	8.162	531021	3.629 ug/ml
7) T n-Hexadecane (C16)	9.763	545003	3.641 ug/ml
8) T n-Octadecane (C18)	11.204	540384	3.641 ug/ml
10) T n-Eicosane (C20)	12.514	546148	3.918 ug/ml
11) T n-Heneicosane (C21)	13.126	534626	3.925 ug/ml
13) T n-Docosane (C22)	13.711	522141	3.887 ug/ml
14) T n-Tetracosane (C24)	14.813	499355	3.754 ug/ml
15) T n-Hexacosane (C26)	15.834	515748	3.964 ug/ml
16) T n-Octacosane (C28)	16.784	496366	3.935 ug/ml
17) T n-Tricontane (C30)	17.671	473482	3.682 ug/ml
18) T n-Dotriacontane (C32)	18.502	483745	3.842 ug/ml
19) T n-Tetratriacontane (C34)	19.286	517440	4.183 ug/ml
20) T n-Hexatriacontane (C36)	20.026	442395	3.803 ug/ml
21) T n-Octatriacontane (C38)	20.754	418872	3.770 ug/ml
22) T n-Tetracontane (C40)	21.650	432677	3.980 ug/ml

(f)=RT Delta > 1/2 Window

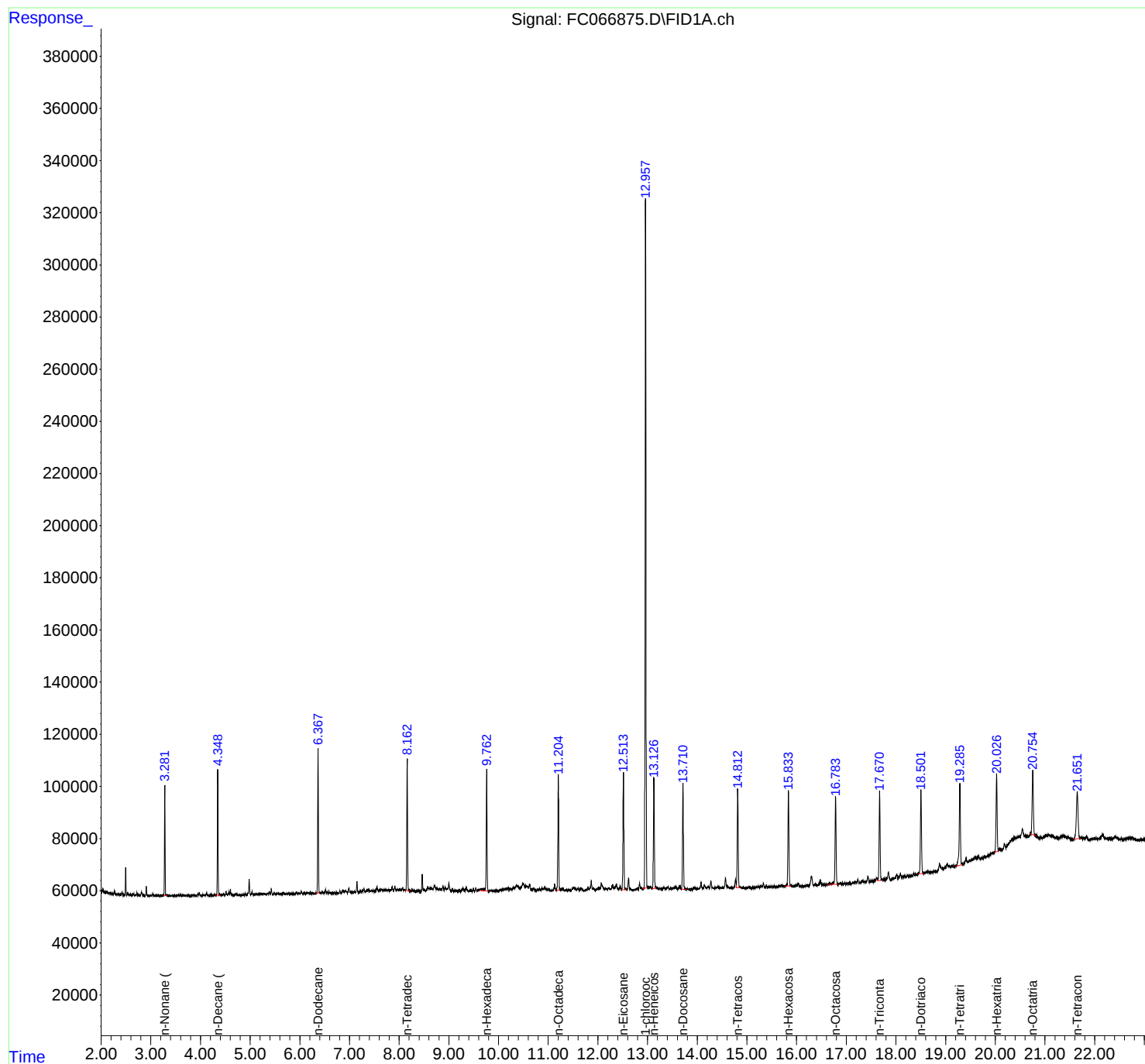
(m)=manual int.

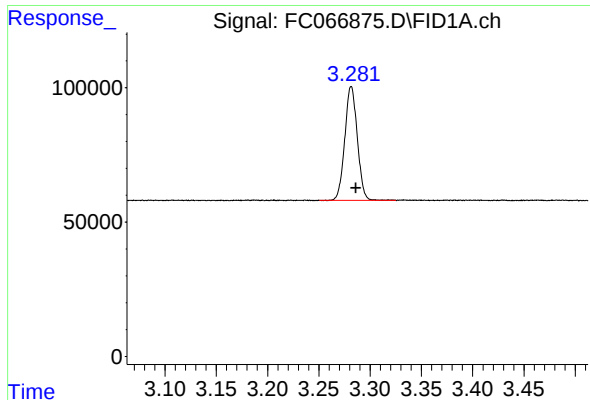
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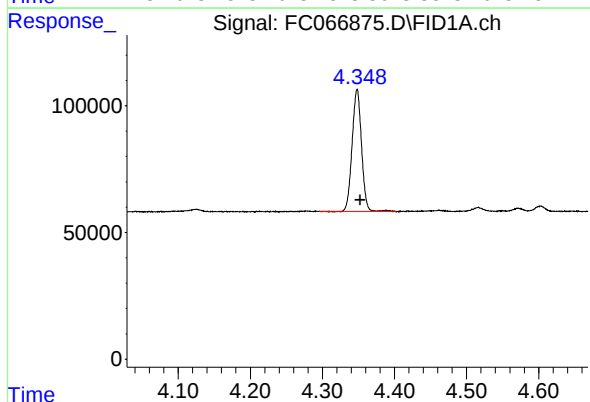




#1 n-Nonane (C9)

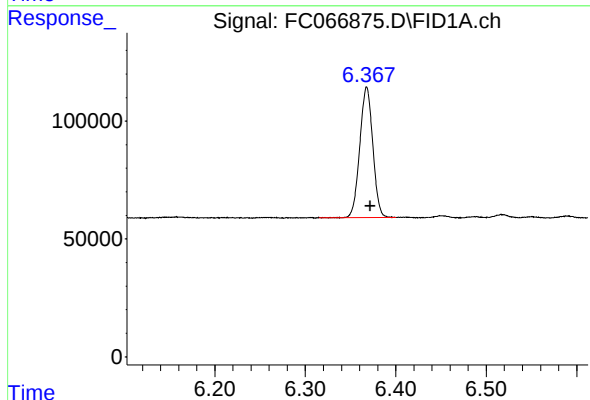
R.T.: 3.282 min
Delta R.T.: -0.004 min
Response: 359460
Conc: 2.53 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-WATER-02-QT3-2024



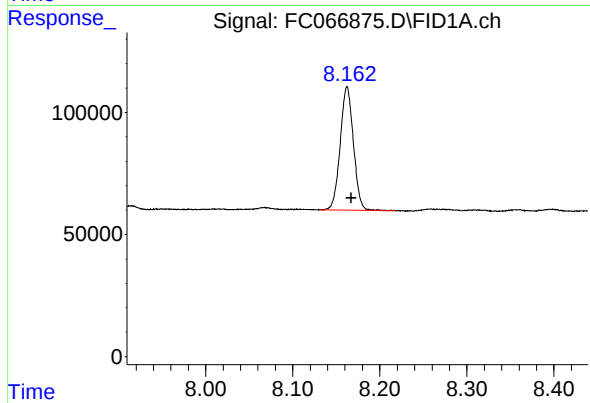
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 440441
Conc: 2.98 ug/ml



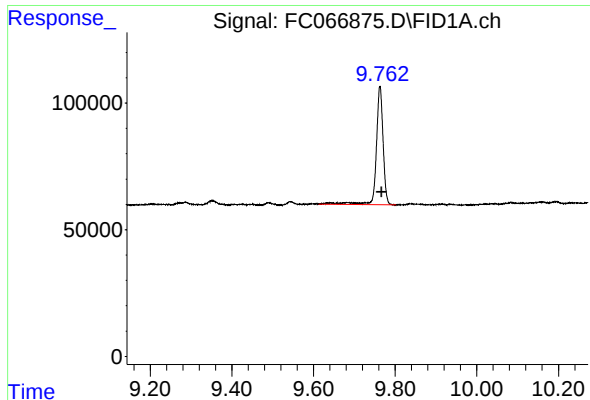
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 553280
Conc: 3.69 ug/ml



#6 n-Tetradecane (C14)

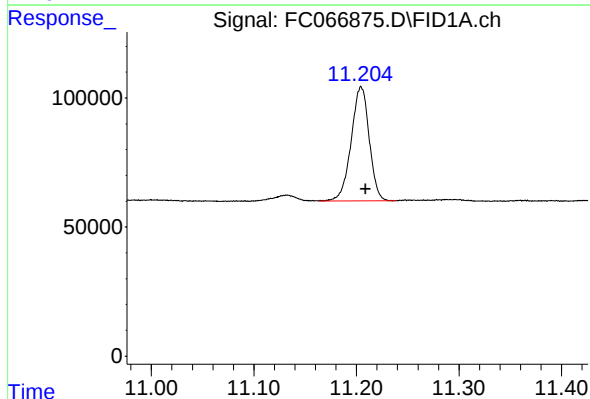
R.T.: 8.162 min
Delta R.T.: -0.005 min
Response: 531021
Conc: 3.63 ug/ml



#7 n-Hexadecane (C16)

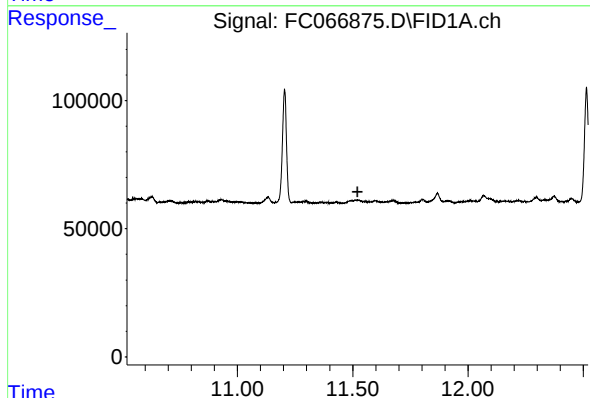
R.T.: 9.763 min
Delta R.T.: -0.005 min
Response: 545003
Conc: 3.64 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-WATER-02-QT3-2024



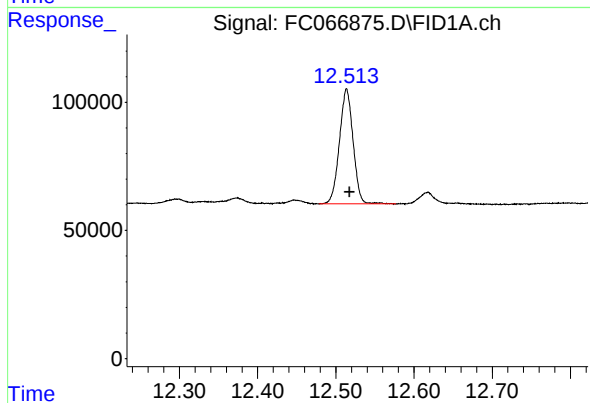
#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 540384
Conc: 3.64 ug/ml



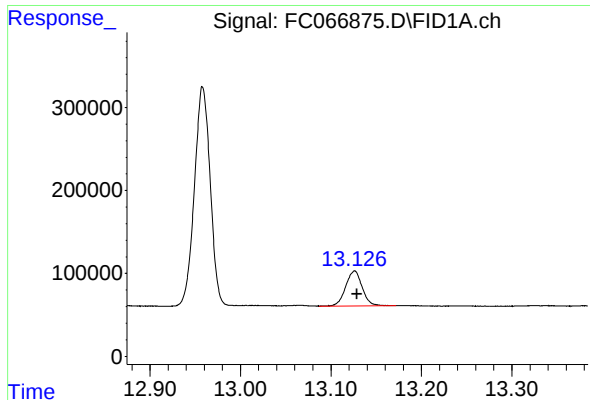
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

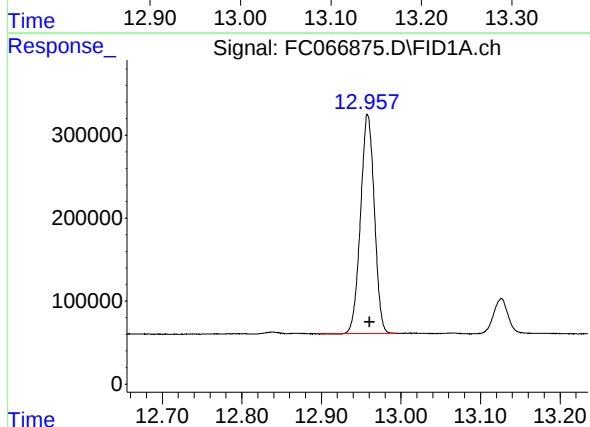
R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 546148
Conc: 3.92 ug/ml



#11 n-Heneicosane (C21)

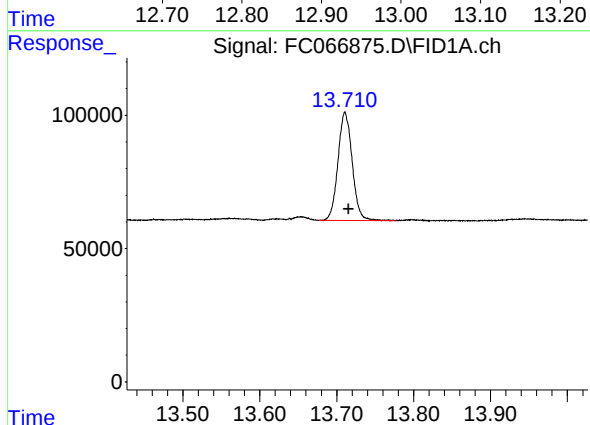
R.T.: 13.126 min
Delta R.T.: -0.003 min
Response: 534626
Conc: 3.93 ug/ml

Instrument :
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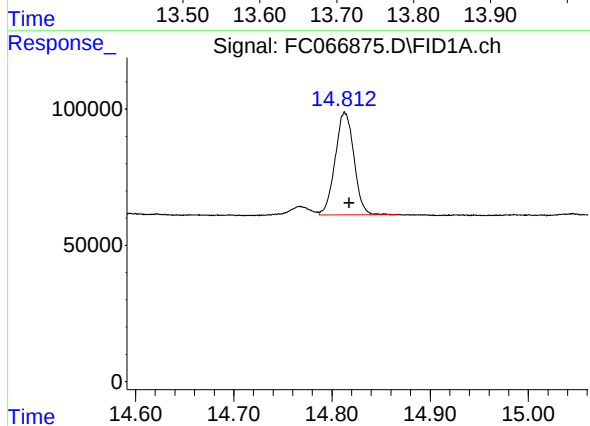
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 3188452
Conc: 28.52 ug/ml



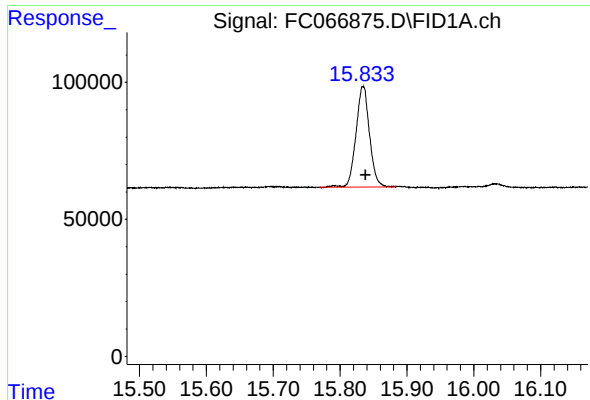
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.004 min
Response: 522141
Conc: 3.89 ug/ml



#14 n-Tetracosane (C24)

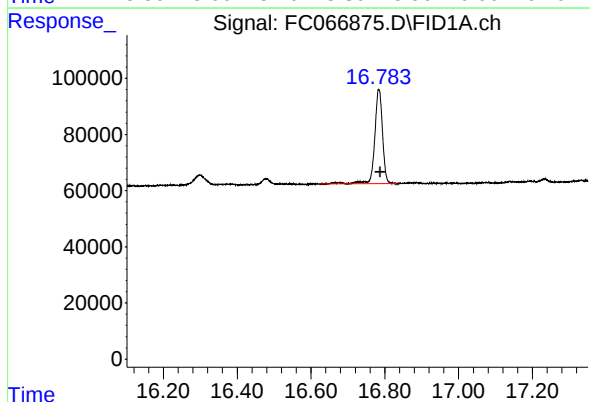
R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 499355
Conc: 3.75 ug/ml



#15 n-Hexacosane (C26)

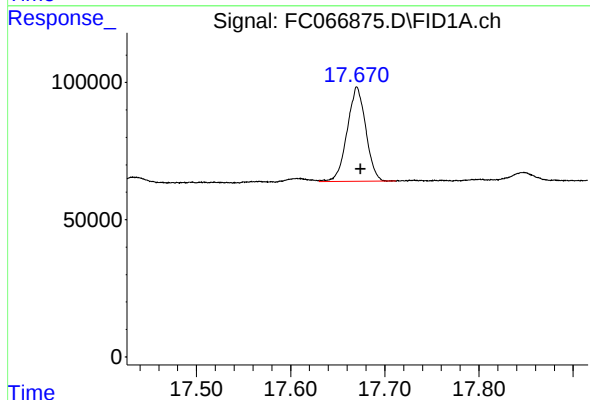
R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 515748
Conc: 3.96 ug/ml

Instrument :
FID_C
ClientSampleId :
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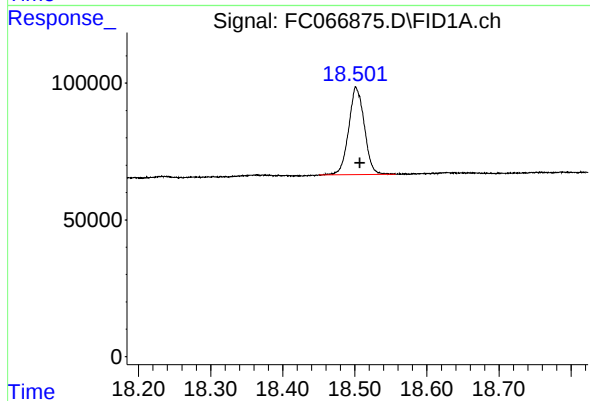
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.003 min
Response: 496366
Conc: 3.93 ug/ml



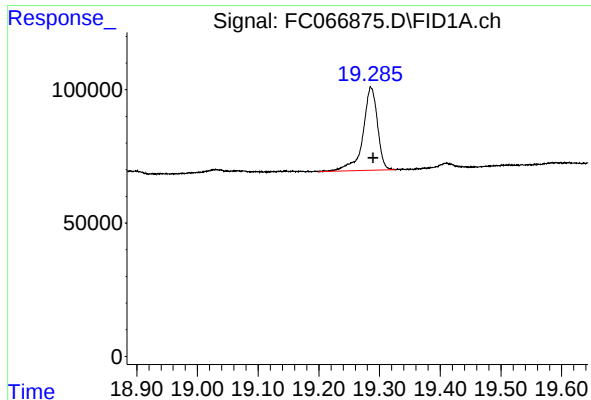
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.004 min
Response: 473482
Conc: 3.68 ug/ml



#18 n-Dotriacontane (C32)

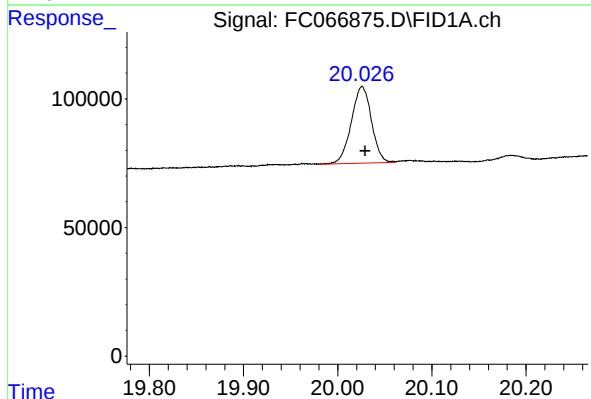
R.T.: 18.502 min
Delta R.T.: -0.005 min
Response: 483745
Conc: 3.84 ug/ml



#19 n-Tetratriacontane (C34)

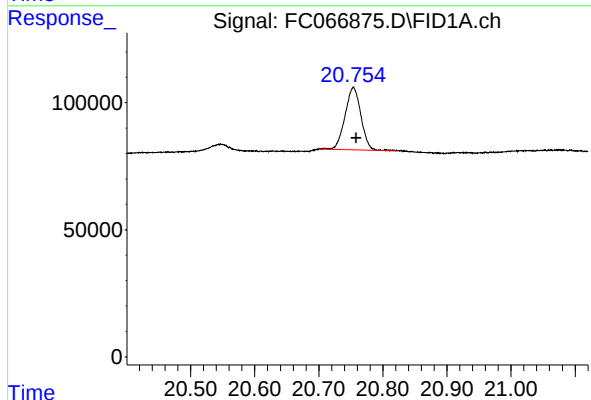
R.T.: 19.286 min
Delta R.T.: -0.004 min
Response: 517440
Conc: 4.18 ug/ml

Instrument :
FID_C
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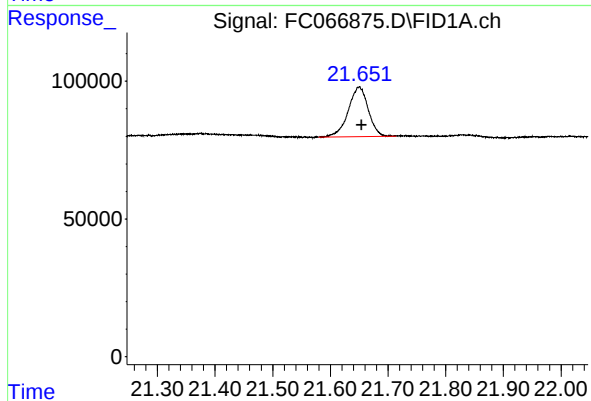
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 442395
Conc: 3.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.004 min
Response: 418872
Conc: 3.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.004 min
Response: 432677
Conc: 3.98 ug/ml