

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066864.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 11:41
 Operator : YP/AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:22:43 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	4483652	40.099 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
Target Compounds			
1) T n-Nonane (C9)	3.286	443028	3.122 ug/ml
2) T n-Decane (C10)	4.351	585803	3.963 ug/ml
4) T n-Dodecane (C12)	6.368	847898	5.656 ug/ml
6) T n-Tetradecane (C14)	8.163	730875	4.995 ug/ml
7) T n-Hexadecane (C16)	9.763	755090	5.045 ug/ml
8) T n-Octadecane (C18)	11.205	788701	5.315 ug/ml
10) T n-Eicosane (C20)	12.514	819177	5.877 ug/ml
11) T n-Heneicosane (C21)	13.125	784500	5.760 ug/ml
13) T n-Docosane (C22)	13.711	798519	5.945 ug/ml
14) T n-Tetracosane (C24)	14.814	817904	6.149 ug/ml
15) T n-Hexacosane (C26)	15.834	793223	6.096 ug/ml
16) T n-Octacosane (C28)	16.784	815706	6.466 ug/ml
17) T n-Tricontane (C30)	17.670	845380	6.574 ug/ml
18) T n-Dotriacontane (C32)	18.503	831914	6.608 ug/ml
19) T n-Tetratriacontane (C34)	19.287	781236	6.315 ug/ml
20) T n-Hexatriacontane (C36)	20.026	691757	5.947 ug/ml
21) T n-Octatriacontane (C38)	20.755	616809	5.551 ug/ml
22) T n-Tetracontane (C40)	21.651	560012	5.151 ug/ml

(f)=RT Delta > 1/2 Window

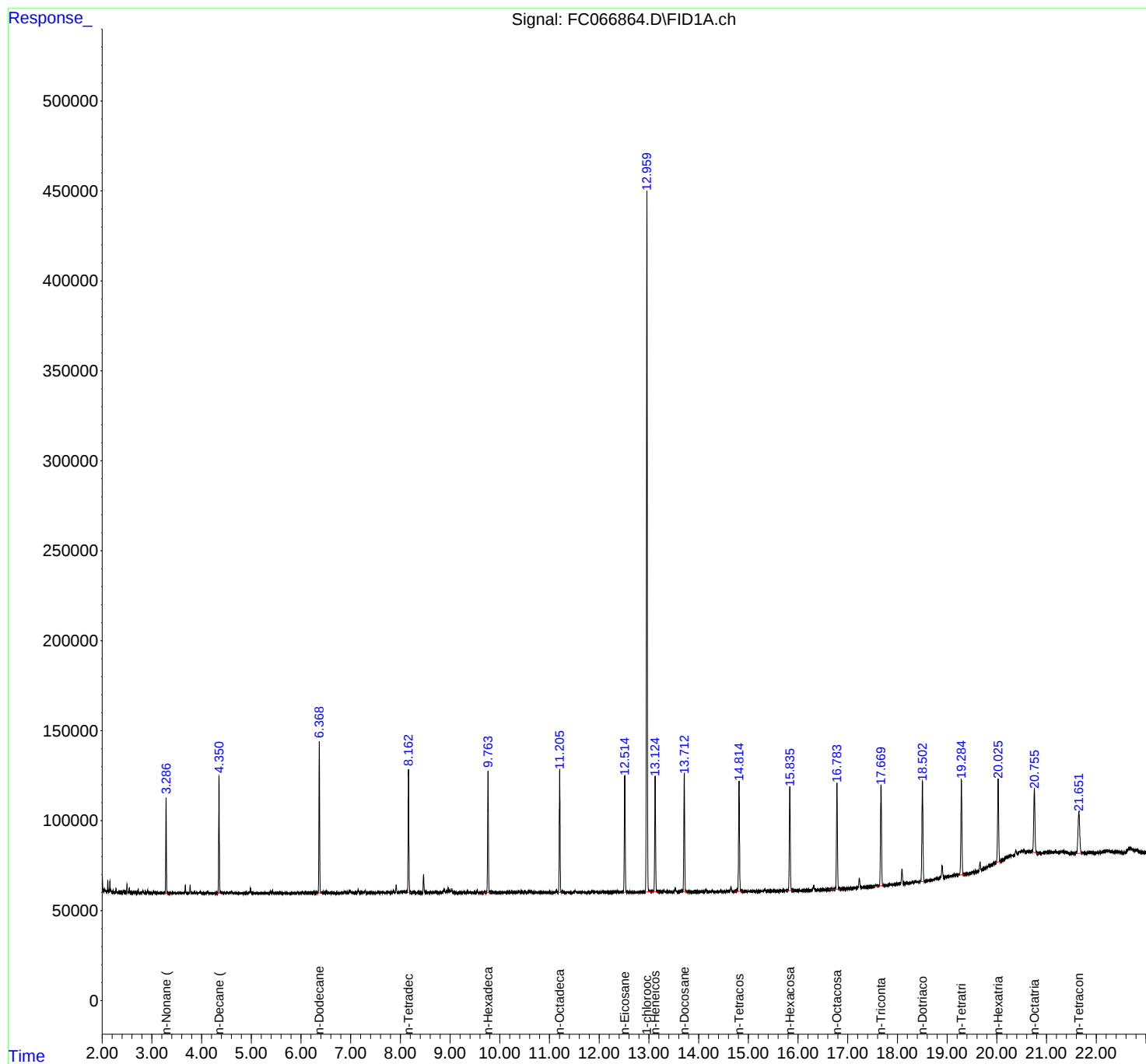
(m)=manual int.

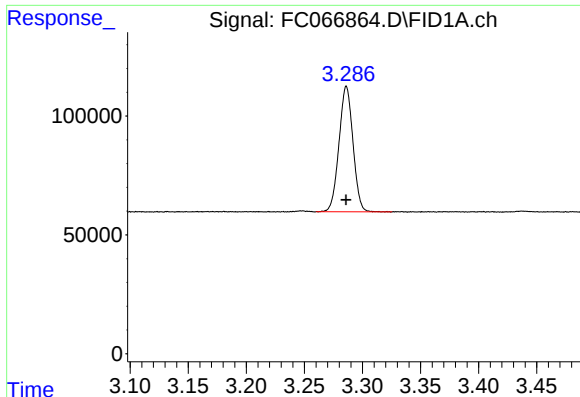
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
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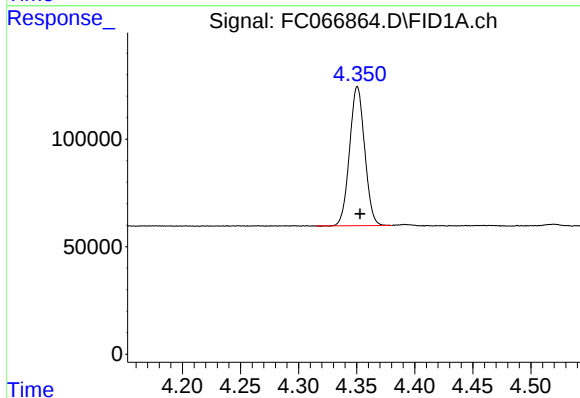




#1 n-Nonane (C9)

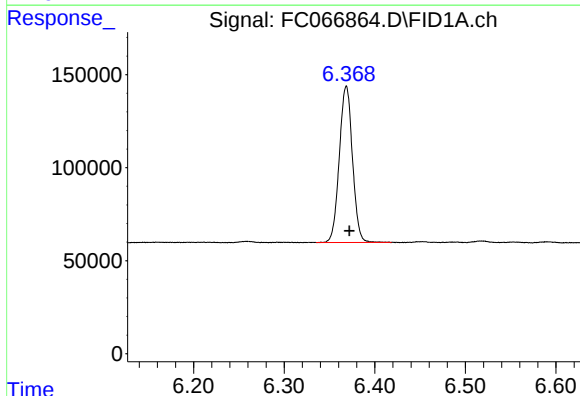
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 443028
Conc: 3.12 ug/ml

Instrument :
FID_C
ClientSampleId :



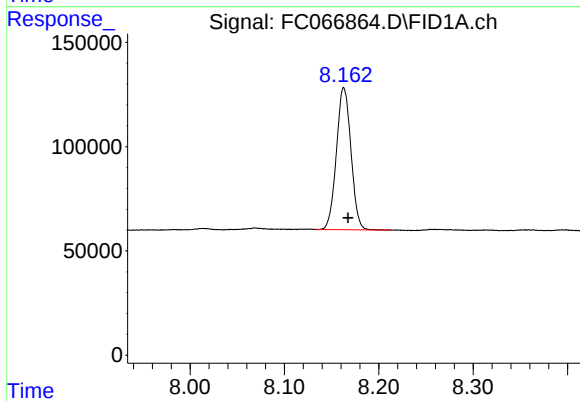
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 585803
Conc: 3.96 ug/ml



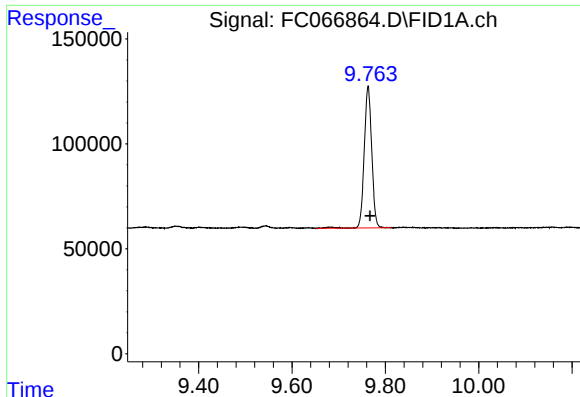
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 847898
Conc: 5.66 ug/ml



#6 n-Tetradecane (C14)

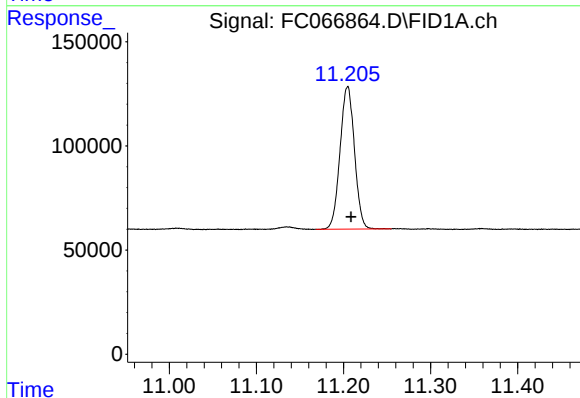
R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 730875
Conc: 5.00 ug/ml



#7 n-Hexadecane (C16)

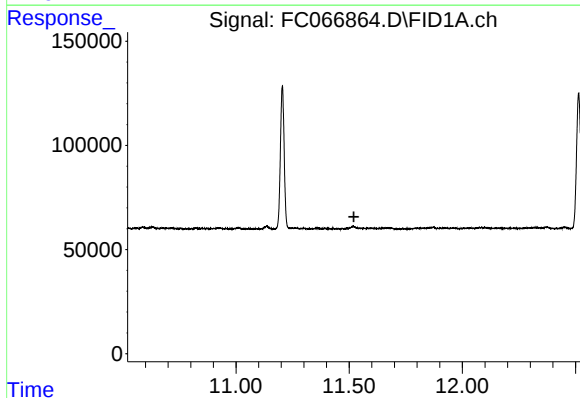
R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 755090
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :



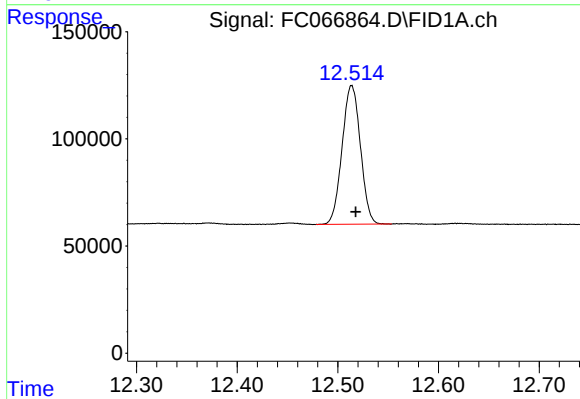
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 788701
Conc: 5.31 ug/ml



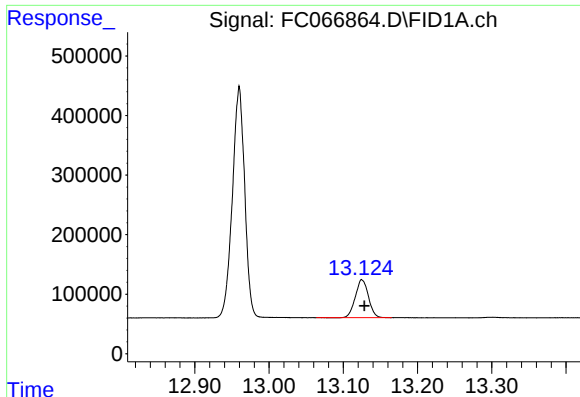
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

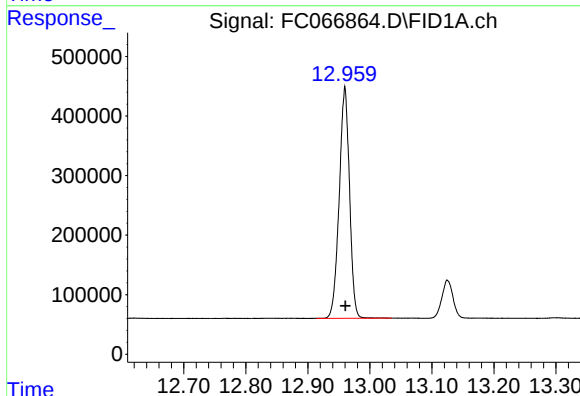
R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 819177
Conc: 5.88 ug/ml



#11 n-Heneicosane (C21)

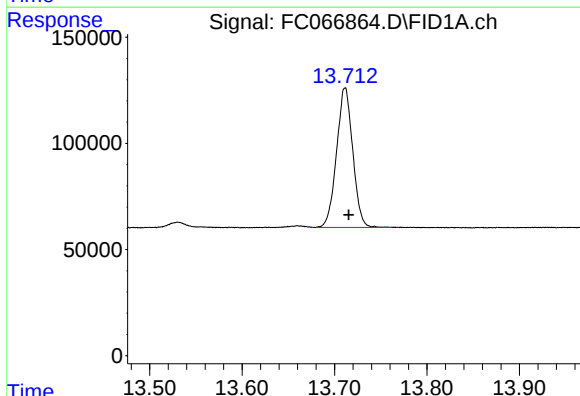
R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 784500
Conc: 5.76 ug/ml

Instrument :
FID_C
ClientSampleId :



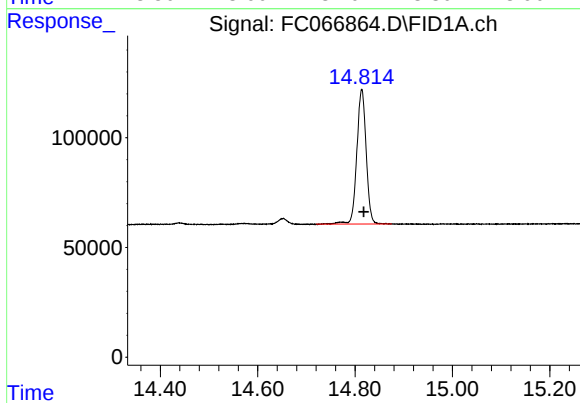
#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: -0.001 min
Response: 4483652
Conc: 40.10 ug/ml



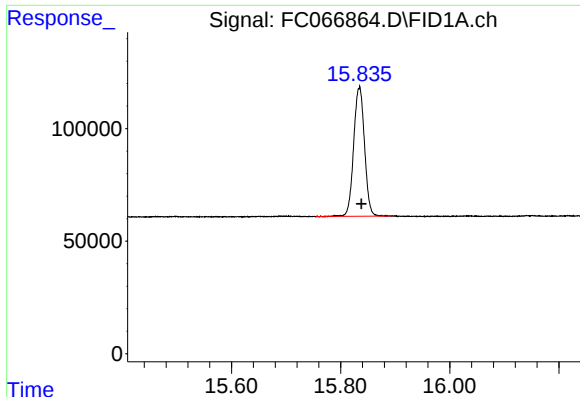
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.004 min
Response: 798519
Conc: 5.94 ug/ml



#14 n-Tetracosane (C24)

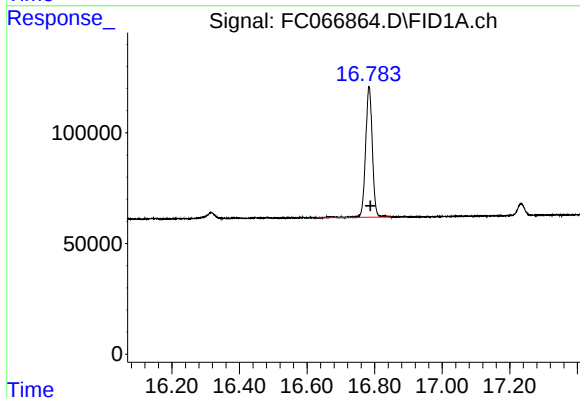
R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 817904
Conc: 6.15 ug/ml



#15 n-Hexacosane (C26)

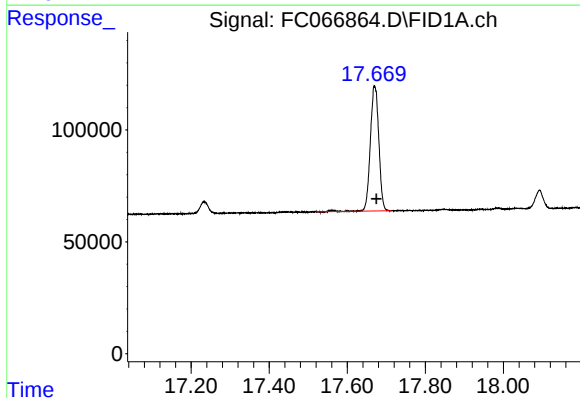
R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 793223
Conc: 6.10 ug/ml

Instrument :
FID_C
ClientSampleId :



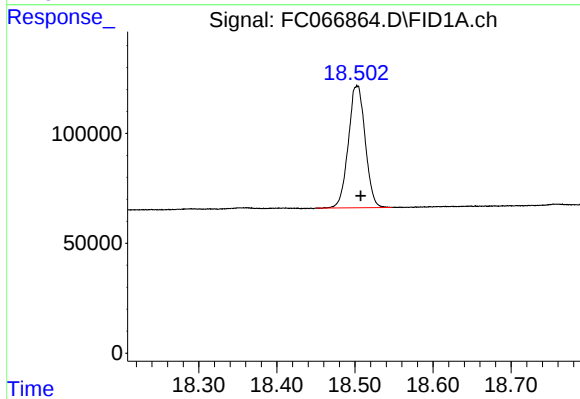
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 815706
Conc: 6.47 ug/ml



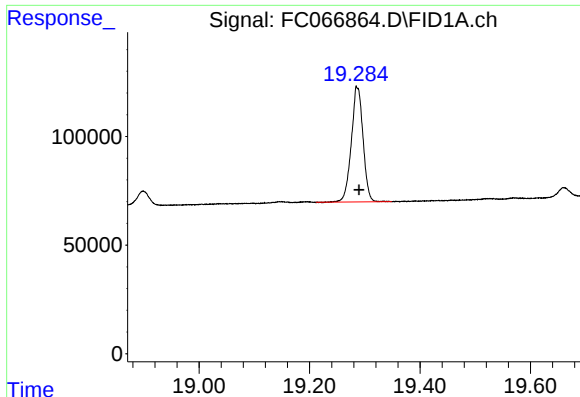
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.004 min
Response: 845380
Conc: 6.57 ug/ml



#18 n-Dotriacontane (C32)

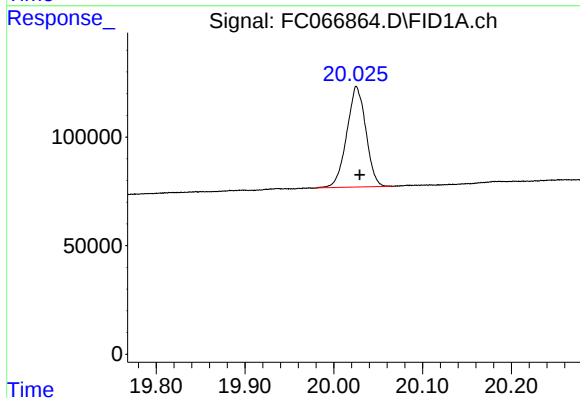
R.T.: 18.503 min
Delta R.T.: -0.005 min
Response: 831914
Conc: 6.61 ug/ml



#19 n-Tetratriacontane (C34)

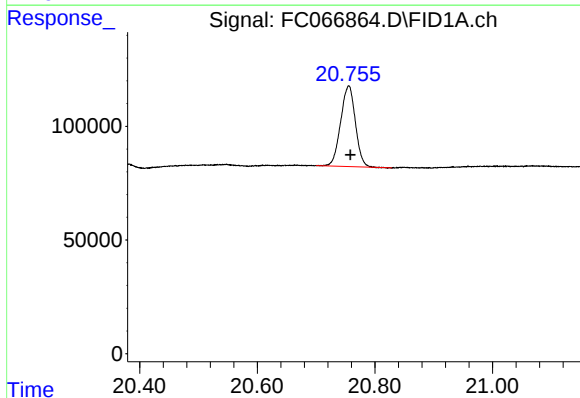
R.T.: 19.287 min
Delta R.T.: -0.003 min
Response: 781236
Conc: 6.31 ug/ml

Instrument :
FID_C
ClientSampleId :



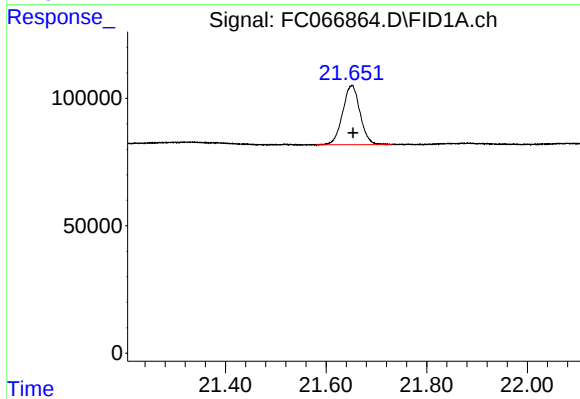
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 691757
Conc: 5.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.003 min
Response: 616809
Conc: 5.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: -0.003 min
Response: 560012
Conc: 5.15 ug/ml