

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101323AL\
 Data File : FC064825.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2023 04:41
 Operator : YP/AJ
 Sample : 04816-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-5MSD

Integration File: autoint1.e
 Quant Time: Oct 14 06:35:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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			
12) S 1-chlorooctadecane (S...	12.952	6690775	44.622 ug/ml
Spiked Amount 50.000		Recovery =	89.24%
Target Compounds			
1) T n-Nonane (C9)	3.318	5567085	30.310 ug/ml
2) T n-Decane (C10)	4.379	6675001	36.490 ug/ml
4) T n-Dodecane (C12)	6.389	7685830	41.234 ug/ml
6) T n-Tetradecane (C14)	8.177	8421119	46.889 ug/ml
7) T n-Hexadecane (C16)	9.772	9323438	52.414 ug/ml
8) T n-Octadecane (C18)	11.207	9882832	55.075 ug/ml
10) T n-Eicosane (C20)	12.512	10027023	58.232 ug/ml
11) T n-Heneicosane (C21)	13.121	9666207	57.076 ug/ml
13) T n-Docosane (C22)	13.703	9531707	57.849 ug/ml
14) T n-Tetracosane (C24)	14.803	9279822	58.304 ug/ml
15) T n-Hexacosane (C26)	15.818	8916272	58.206 ug/ml
16) T n-Octacosane (C28)	16.764	8598888	58.351 ug/ml
17) T n-Tricontane (C30)	17.647	8348804	57.062 ug/ml
18) T n-Dotriacontane (C32)	18.476	8021378	55.552 ug/ml
19) T n-Tetratriacontane (C34)	19.255	7791842	55.378 ug/ml
20) T n-Hexatriacontane (C36)	19.991	7364636	53.231 ug/ml
21) T n-Octatriacontane (C38)	20.713	7187341	54.259 ug/ml
22) T n-Tetracontane (C40)	21.597	6868421	54.882 ug/ml

(f)=RT Delta > 1/2 Window

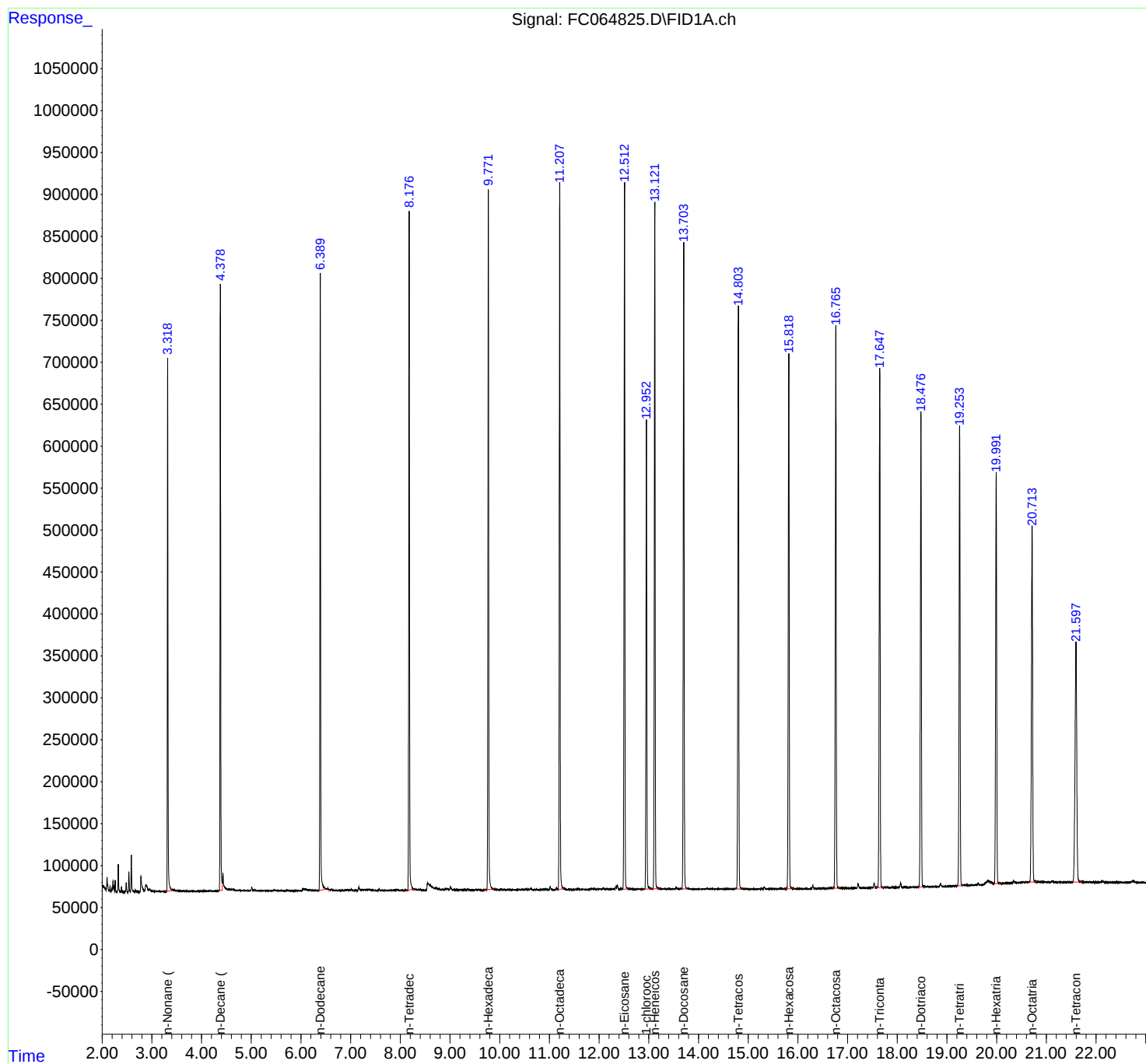
(m)=manual int.

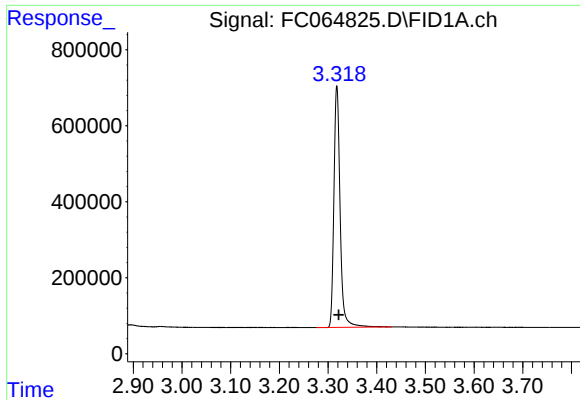
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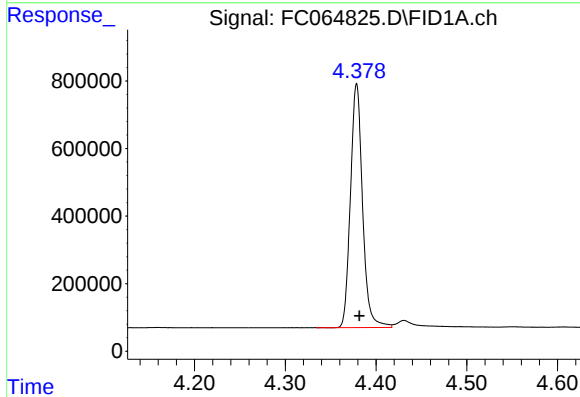




#1 n-Nonane (C9)

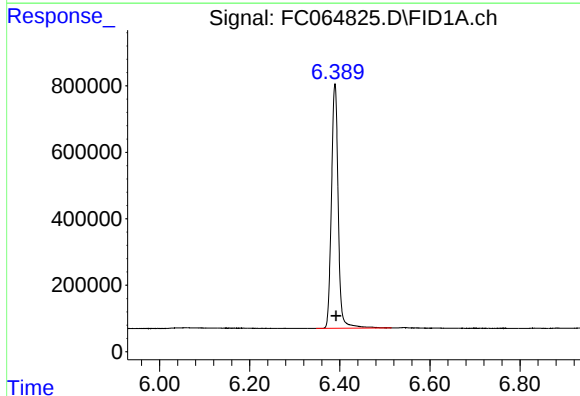
R.T.: 3.318 min
Delta R.T.: -0.004 min
Response: 5567085
Conc: 30.31 ug/ml

Instrument :
FID_C
ClientSampleId :
T-5MSD



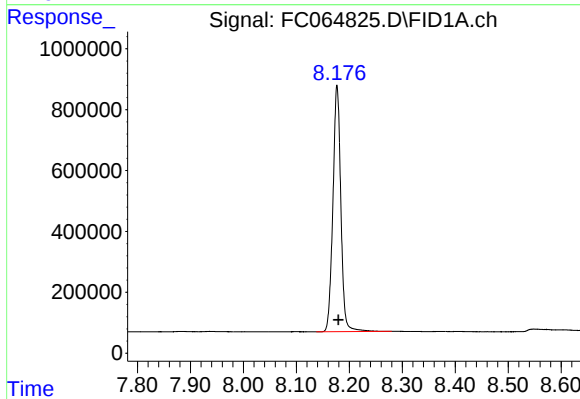
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 6675001
Conc: 36.49 ug/ml



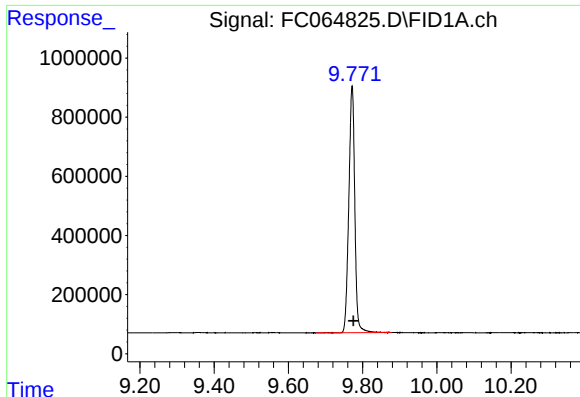
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 7685830
Conc: 41.23 ug/ml



#6 n-Tetradecane (C14)

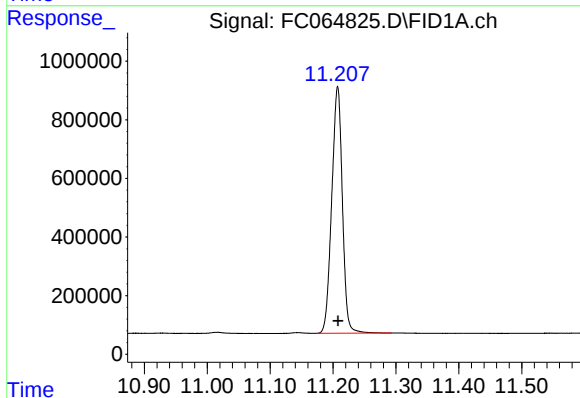
R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 8421119
Conc: 46.89 ug/ml



#7 n-Hexadecane (C16)

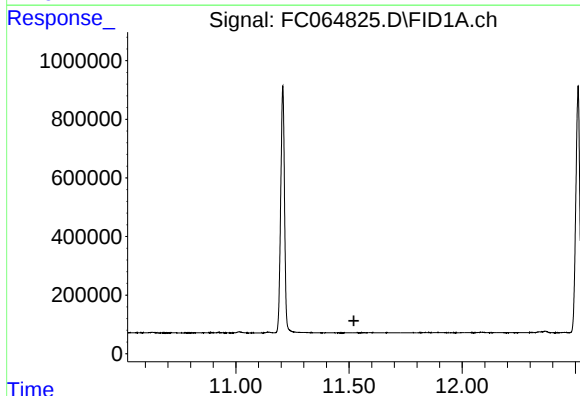
R.T.: 9.772 min
Delta R.T.: -0.003 min
Response: 9323438
Conc: 52.41 ug/ml

Instrument :
FID_C
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T-5MSD



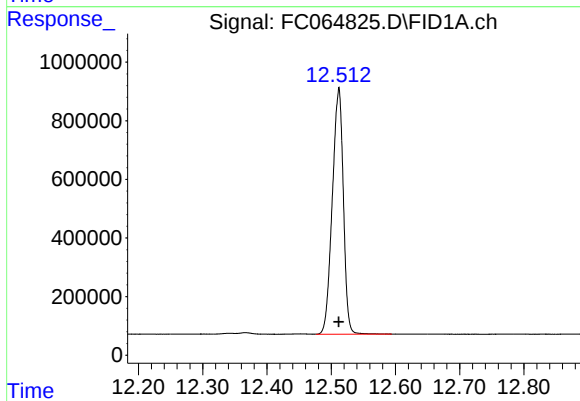
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 9882832
Conc: 55.07 ug/ml



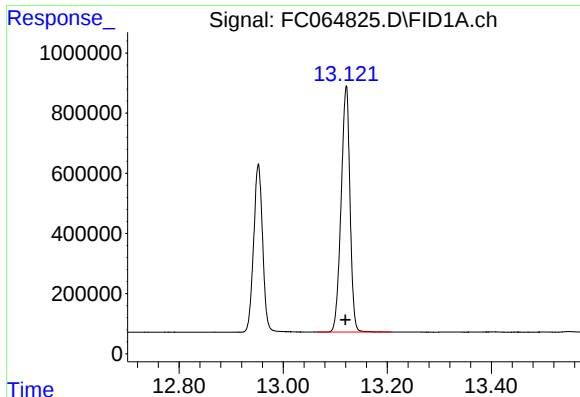
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

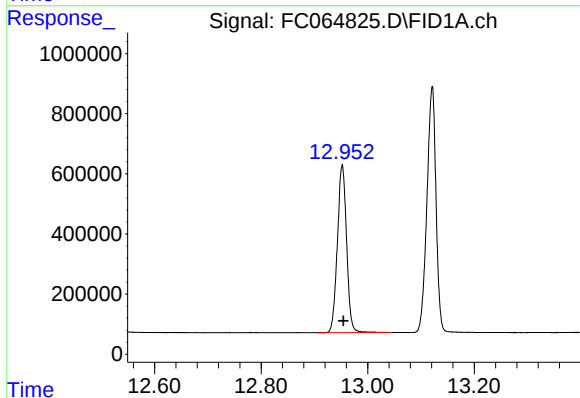
R.T.: 12.512 min
Delta R.T.: 0.000 min
Response: 10027023
Conc: 58.23 ug/ml



#11 n-Heneicosane (C21)

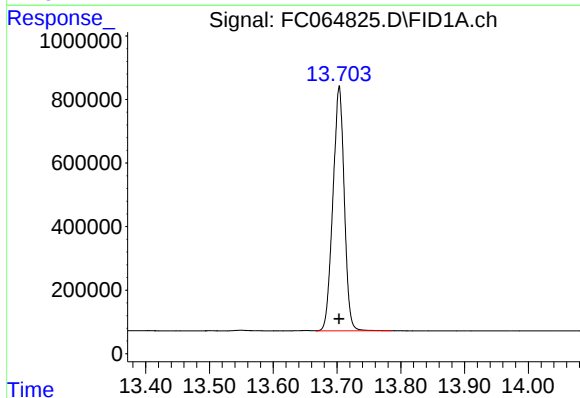
R.T.: 13.121 min
Delta R.T.: 0.002 min
Response: 9666207
Conc: 57.08 ug/ml

Instrument :
FID_C
ClientSampleId :
T-5MSD



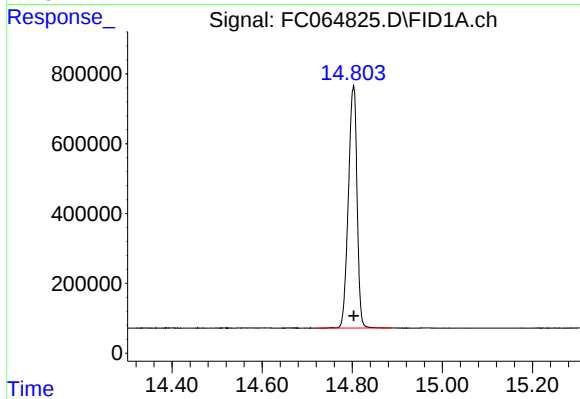
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.002 min
Response: 6690775
Conc: 44.62 ug/ml



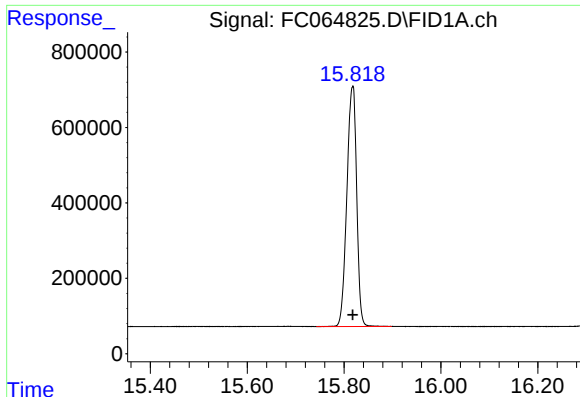
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 9531707
Conc: 57.85 ug/ml



#14 n-Tetracosane (C24)

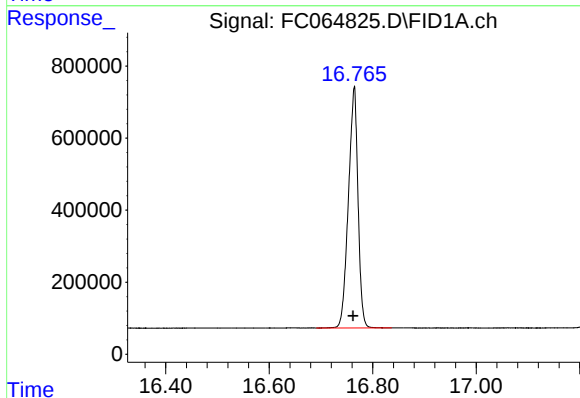
R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 9279822
Conc: 58.30 ug/ml



#15 n-Hexacosane (C26)

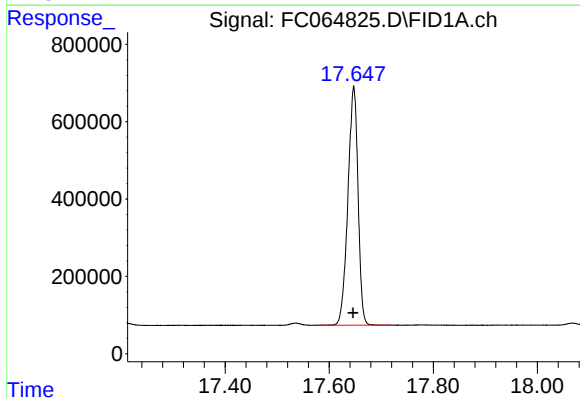
R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 8916272
Conc: 58.21 ug/ml

Instrument :
FID_C
ClientSampleId :
T-5MSD



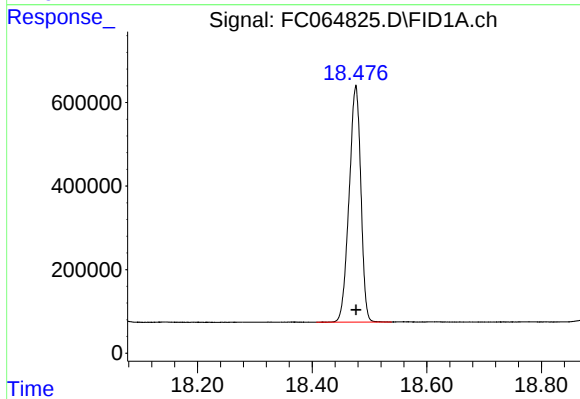
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 8598888
Conc: 58.35 ug/ml



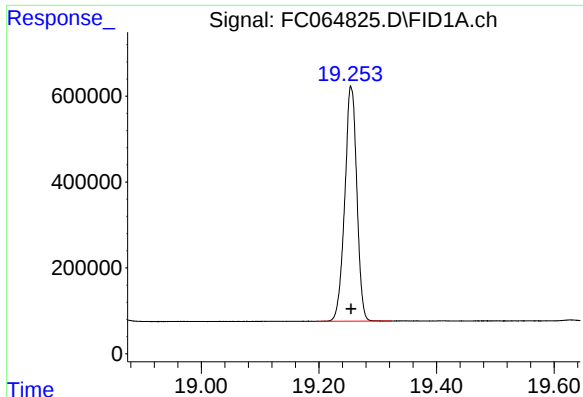
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 8348804
Conc: 57.06 ug/ml



#18 n-Dotriacontane (C32)

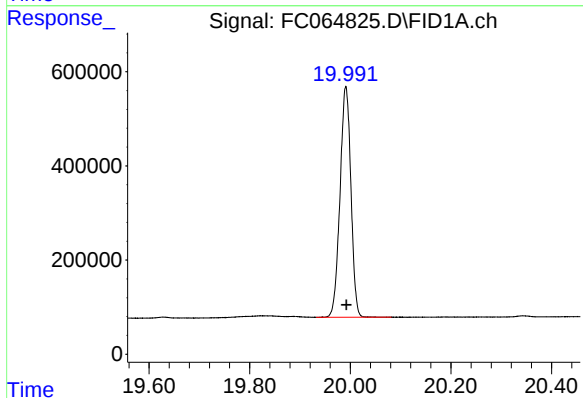
R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 8021378
Conc: 55.55 ug/ml



#19 n-Tetratriacontane (C34)

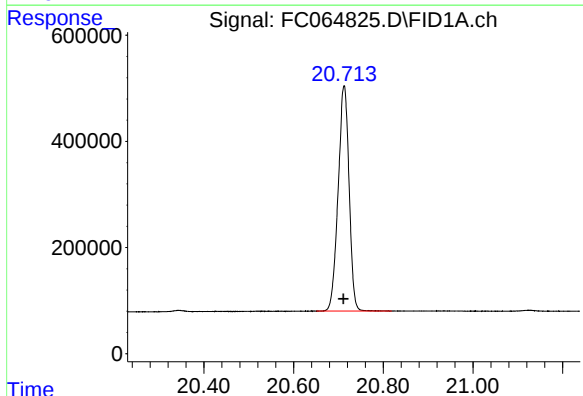
R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 7791842
Conc: 55.38 ug/ml

Instrument :
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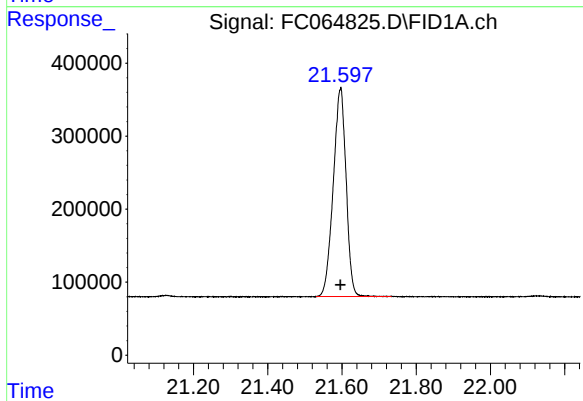
#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 7364636
Conc: 53.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.001 min
Response: 7187341
Conc: 54.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 6868421
Conc: 54.88 ug/ml