

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068562.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 22:51
 Operator : YP/AJ
 Sample : PB167513BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167513BSD

Integration File: autoint1.e
 Quant Time: Apr 11 03:46:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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...	13.144	3378740	36.372 ug/ml
Spiked Amount 50.000		Recovery =	72.74%
Target Compounds			
1) T n-Nonane (C9)	3.445	2590000	24.591 ug/ml
2) T n-Decane (C10)	4.520	3152325	29.920 ug/ml
4) T n-Dodecane (C12)	6.544	3557036	33.824 ug/ml
6) T n-Tetradecane (C14)	8.342	3996243	38.872 ug/ml
7) T n-Hexadecane (C16)	9.945	4433156	43.530 ug/ml
8) T n-Octadecane (C18)	11.388	4682520	46.531 ug/ml
10) T n-Eicosane (C20)	12.699	4879459	49.608 ug/ml
11) T n-Heneicosane (C21)	13.311	4681403	48.036 ug/ml
13) T n-Docosane (C22)	13.898	4675280	48.401 ug/ml
14) T n-Tetracosane (C24)	15.002	4605982	48.390 ug/ml
15) T n-Hexacosane (C26)	16.023	4493132	48.104 ug/ml
16) T n-Octacosane (C28)	16.975	4481288	48.945 ug/ml
17) T n-Tricontane (C30)	17.864	4533322	49.312 ug/ml
18) T n-Dotriacontane (C32)	18.698	4498769	49.044 ug/ml
19) T n-Tetratriacontane (C34)	19.483	4437893	49.675 ug/ml
20) T n-Hexatriacontane (C36)	20.224	4269087	47.657 ug/ml
21) T n-Octatriacontane (C38)	20.999	4217418	47.702 ug/ml
22) T n-Tetracontane (C40)	21.975	4186737	47.412 ug/ml

(f)=RT Delta > 1/2 Window

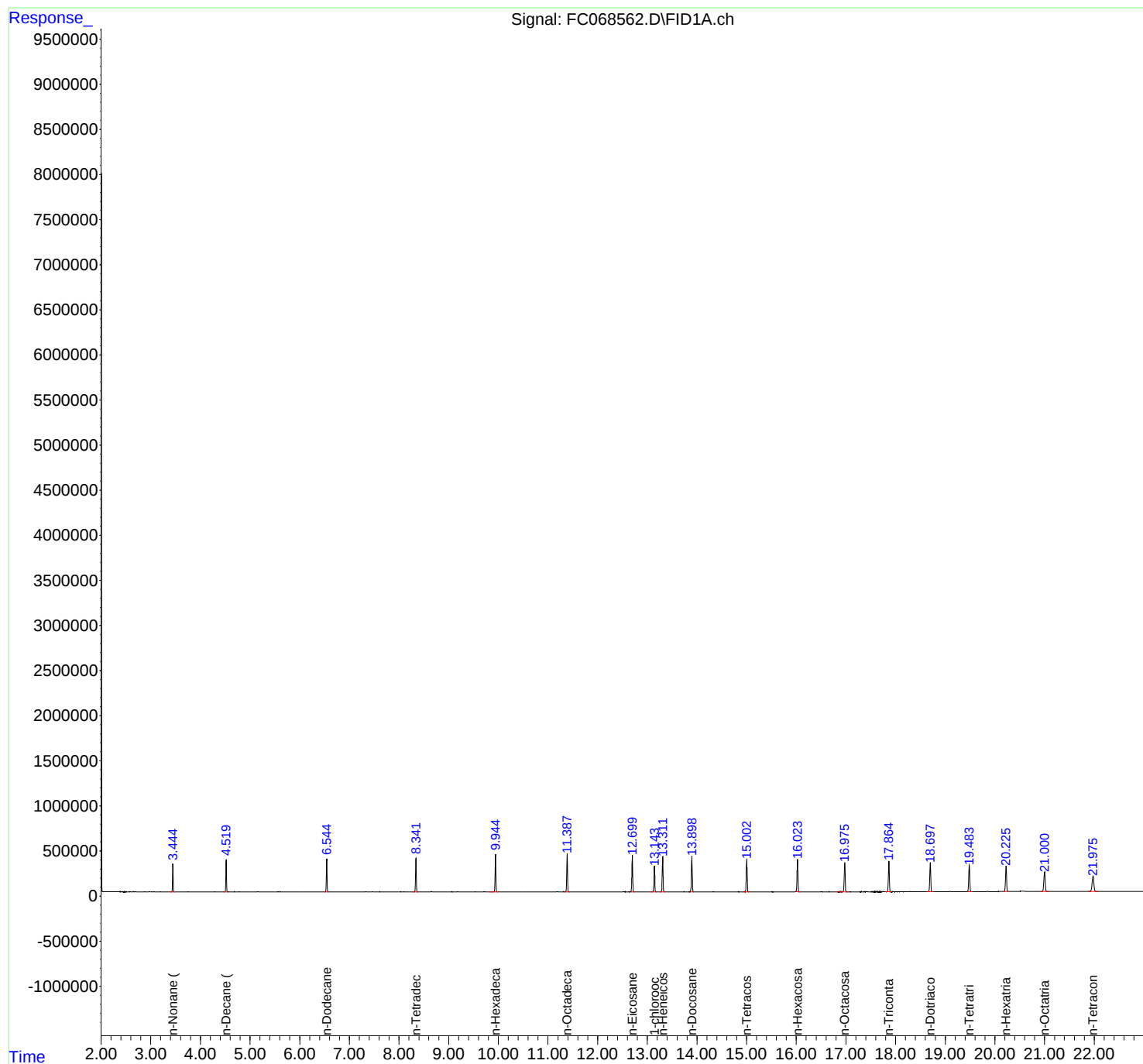
(m)=manual int.

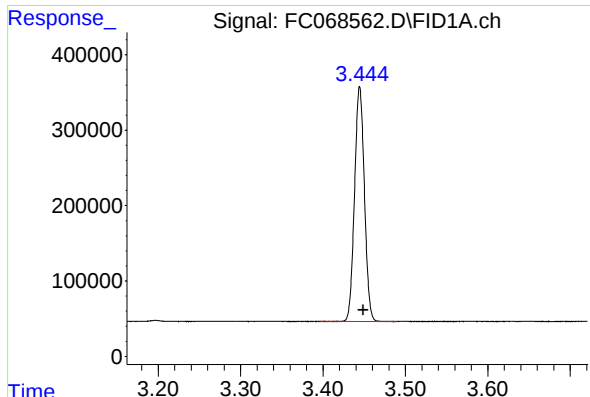
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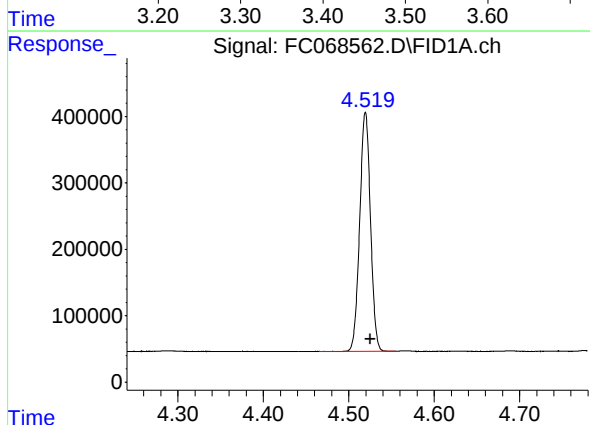




#1 n-Nonane (C9)

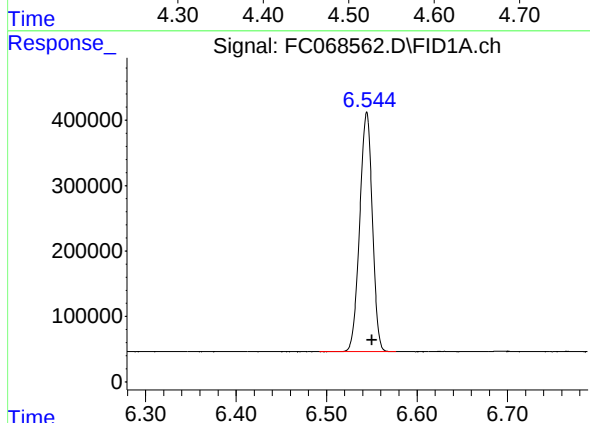
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2590000
Conc: 24.59 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167513BSD



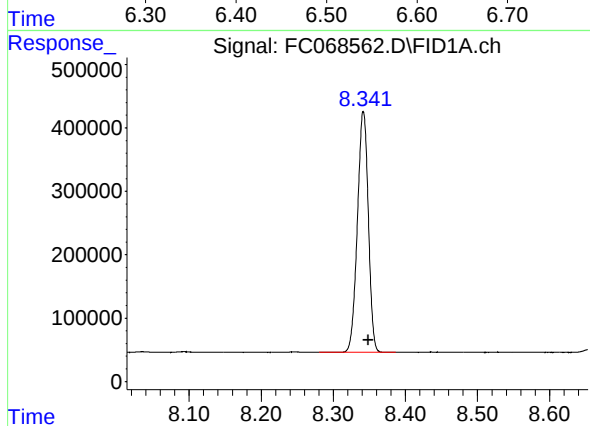
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.006 min
Response: 3152325
Conc: 29.92 ug/ml



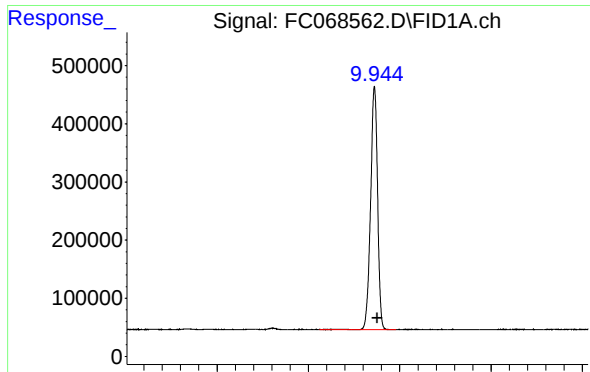
#4 n-Dodecane (C12)

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 3557036
Conc: 33.82 ug/ml



#6 n-Tetradecane (C14)

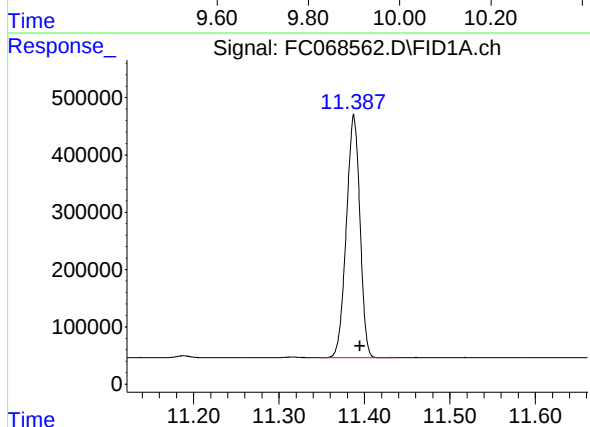
R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 3996243
Conc: 38.87 ug/ml



#7 n-Hexadecane (C16)

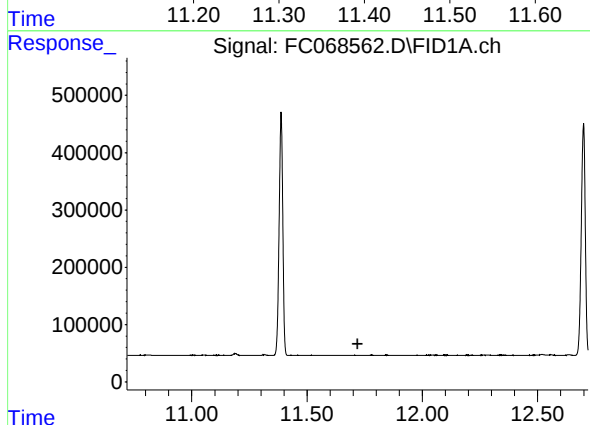
R.T.: 9.945 min
Delta R.T.: -0.006 min
Response: 4433156
Conc: 43.53 ug/ml

Instrument :
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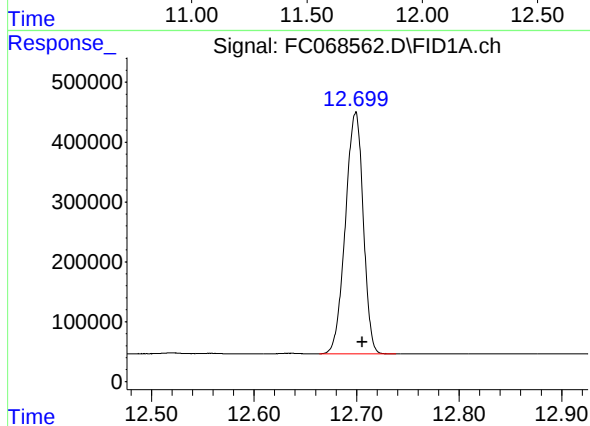
#8 n-Octadecane (C18)

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 4682520
Conc: 46.53 ug/ml



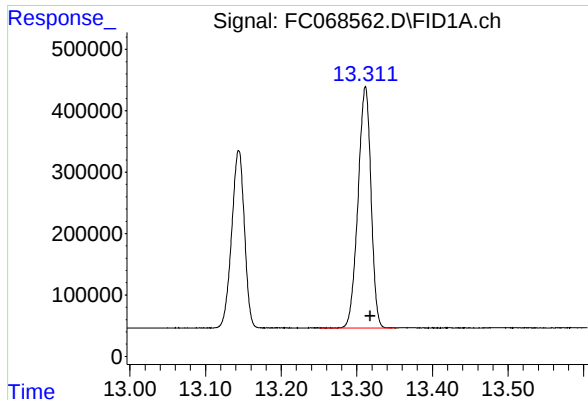
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.719 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

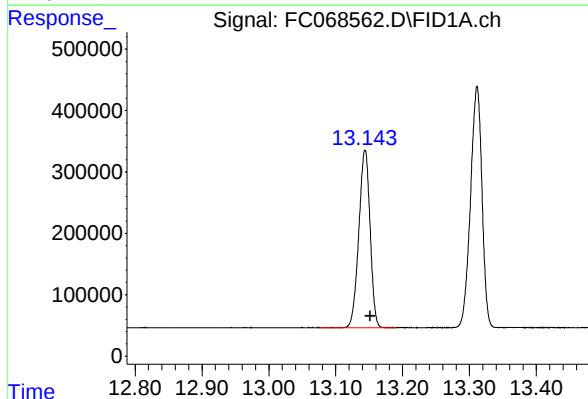
R.T.: 12.699 min
Delta R.T.: -0.007 min
Response: 4879459
Conc: 49.61 ug/ml



#11 n-Heneicosane (C21)

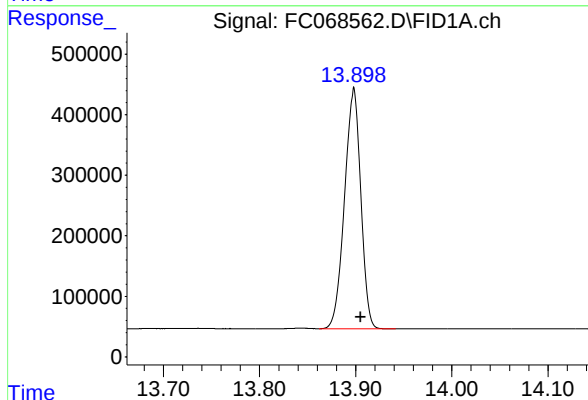
R.T.: 13.311 min
Delta R.T.: -0.007 min
Response: 4681403
Conc: 48.04 ug/ml

Instrument :
FID_C
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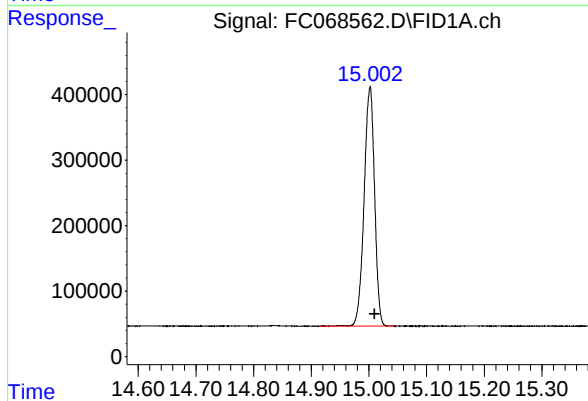
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 3378740
Conc: 36.37 ug/ml



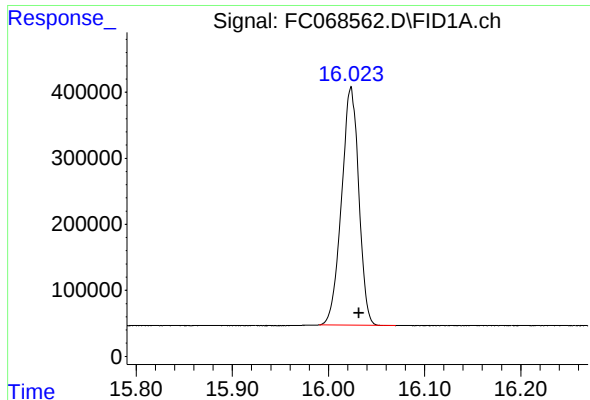
#13 n-Docosane (C22)

R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 4675280
Conc: 48.40 ug/ml



#14 n-Tetracosane (C24)

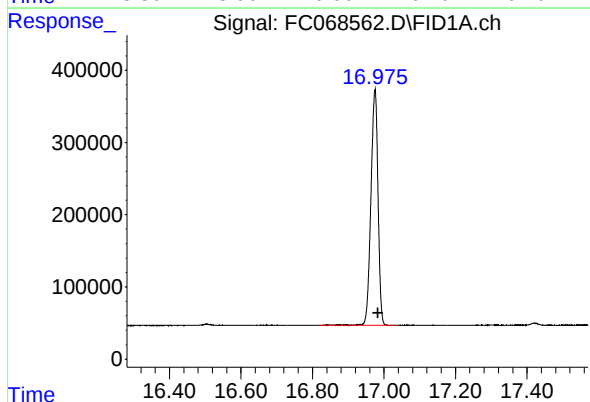
R.T.: 15.002 min
Delta R.T.: -0.008 min
Response: 4605982
Conc: 48.39 ug/ml



#15 n-Hexacosane (C26)

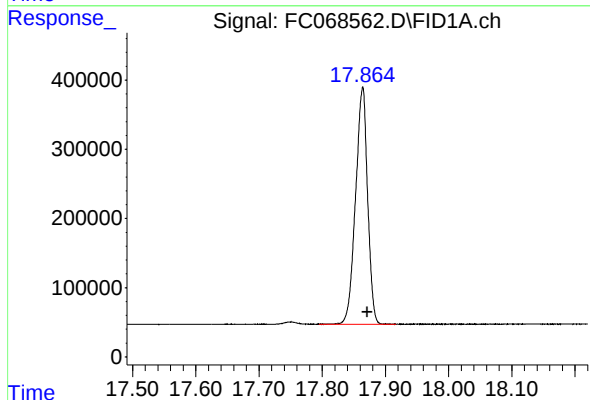
R.T.: 16.023 min
Delta R.T.: -0.008 min
Response: 4493132
Conc: 48.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167513BSD



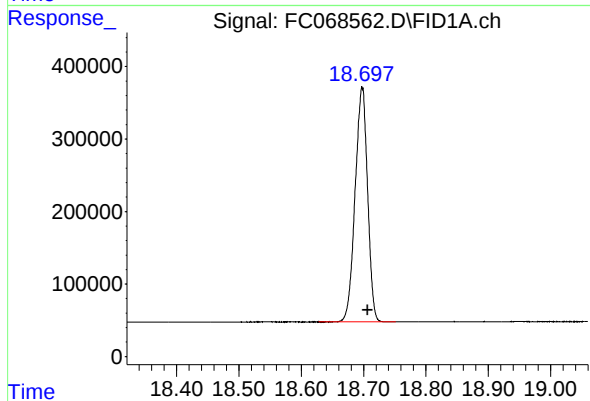
#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: -0.009 min
Response: 4481288
Conc: 48.95 ug/ml



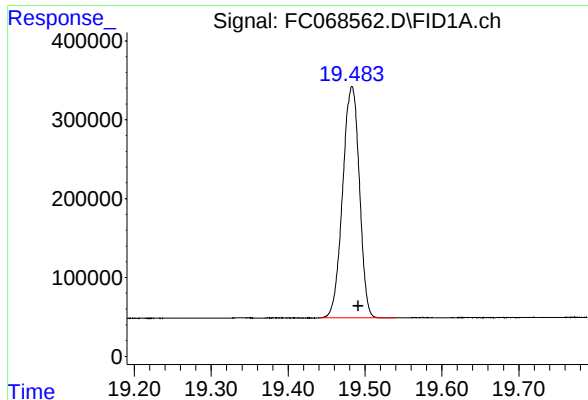
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: -0.008 min
Response: 4533322
Conc: 49.31 ug/ml



#18 n-Dotriacontane (C32)

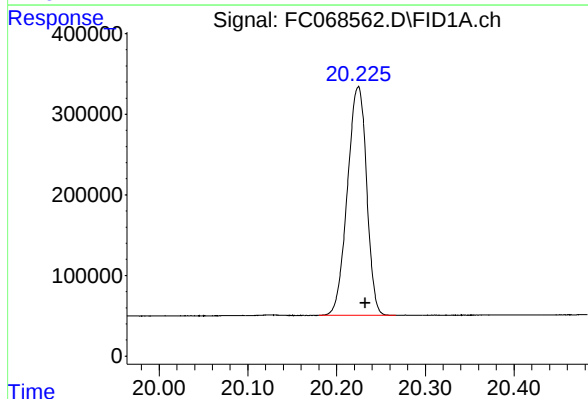
R.T.: 18.698 min
Delta R.T.: -0.009 min
Response: 4498769
Conc: 49.04 ug/ml



#19 n-Tetratriacontane (C34)

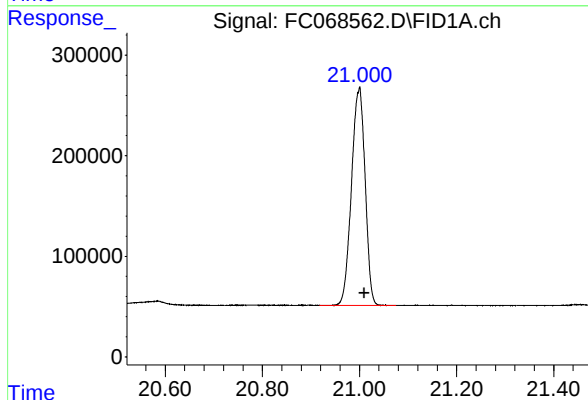
R.T.: 19.483 min
Delta R.T.: -0.009 min
Response: 4437893
Conc: 49.67 ug/ml

Instrument :
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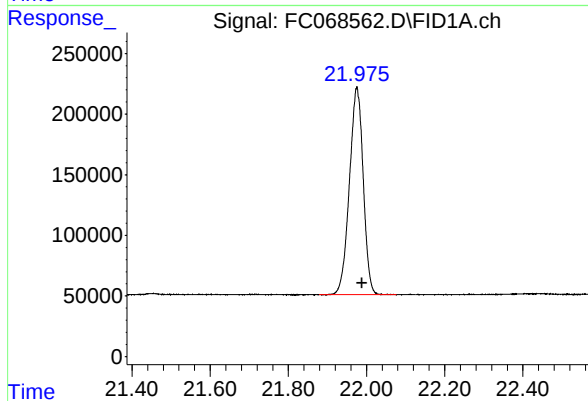
#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 4269087
Conc: 47.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.010 min
Response: 4217418
Conc: 47.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.013 min
Response: 4186737
Conc: 47.41 ug/ml