

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066383.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 19:03
 Operator : YP/AJ
 Sample : PB160845BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160845BSD

Integration File: autoint1.e
 Quant Time: May 11 00:55:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.000	4047902	33.001 ug/ml
Spiked Amount 50.000		Recovery =	66.00%
Target Compounds			
1) T n-Nonane (C9)	3.315	3424843	22.677 ug/ml
2) T n-Decane (C10)	4.383	4617608	30.026 ug/ml
4) T n-Dodecane (C12)	6.405	5852123	38.079 ug/ml
6) T n-Tetradecane (C14)	8.202	6328770	41.819 ug/ml
7) T n-Hexadecane (C16)	9.804	6537053	42.752 ug/ml
8) T n-Octadecane (C18)	11.247	6725862	44.310 ug/ml
10) T n-Eicosane (C20)	12.557	6718072	46.700 ug/ml
11) T n-Heneicosane (C21)	13.170	6510989	46.320 ug/ml
13) T n-Docosane (C22)	13.757	6435720	45.967 ug/ml
14) T n-Tetracosane (C24)	14.861	6294408	44.711 ug/ml
15) T n-Hexacosane (C26)	15.882	6149389	44.957 ug/ml
16) T n-Octacosane (C28)	16.832	6043264	45.126 ug/ml
17) T n-Tricontane (C30)	17.719	6004342	44.555 ug/ml
18) T n-Dotriacontane (C32)	18.553	5841968	45.372 ug/ml
19) T n-Tetratriacontane (C34)	19.337	5724137	48.381 ug/ml
20) T n-Hexatriacontane (C36)	20.077	5683399	49.445 ug/ml
21) T n-Octatriacontane (C38)	20.813	5366939	49.862 ug/ml
22) T n-Tetracontane (C40)	21.724	5156095	48.083 ug/ml

(f)=RT Delta > 1/2 Window

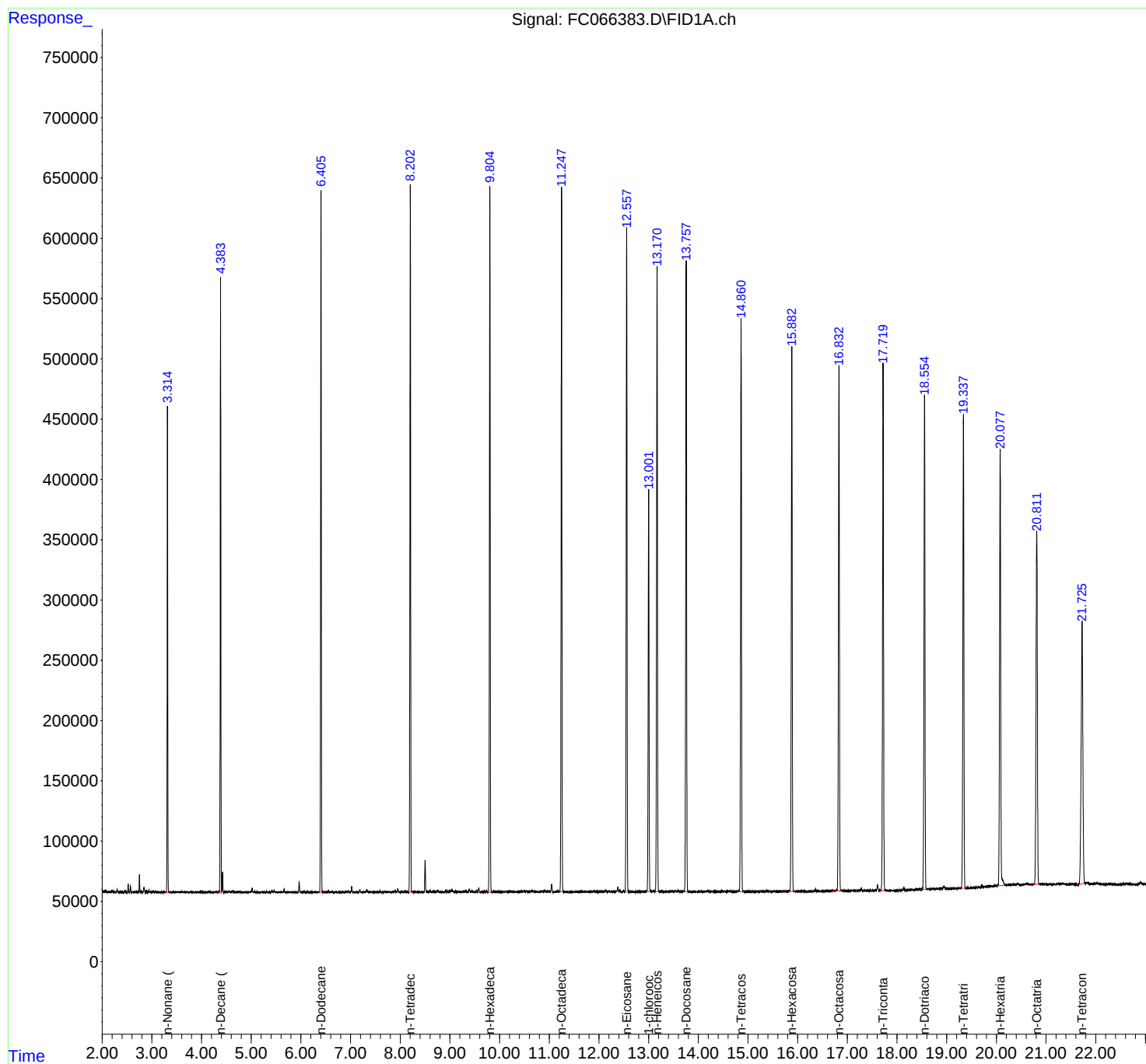
(m)=manual int.

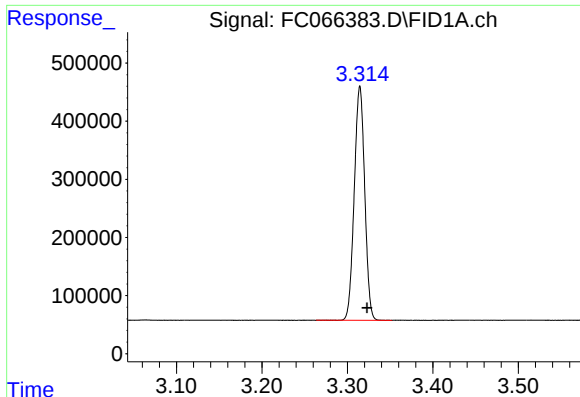
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
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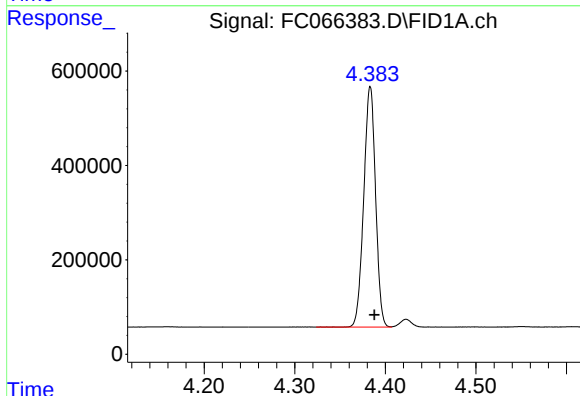




#1 n-Nonane (C9)

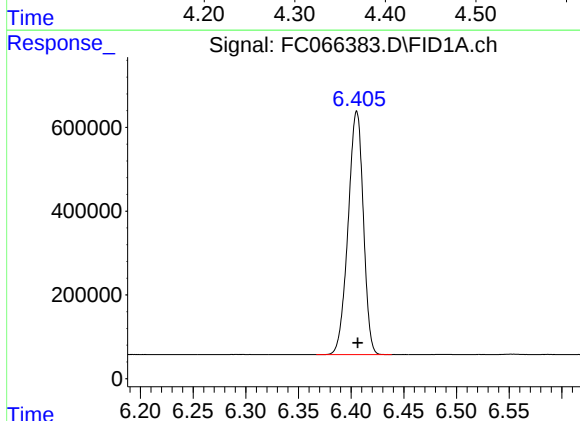
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3424843
Conc: 22.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160845BSD



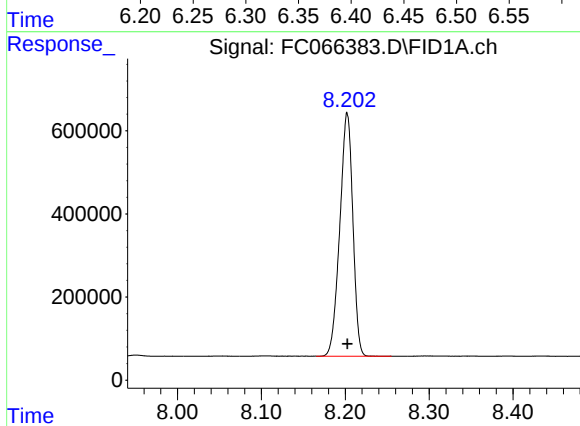
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 4617608
Conc: 30.03 ug/ml



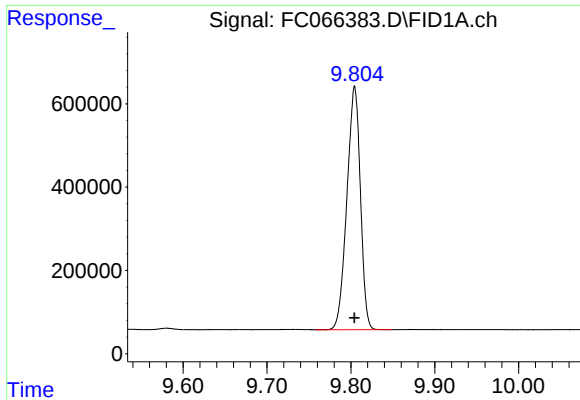
#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 5852123
Conc: 38.08 ug/ml



#6 n-Tetradecane (C14)

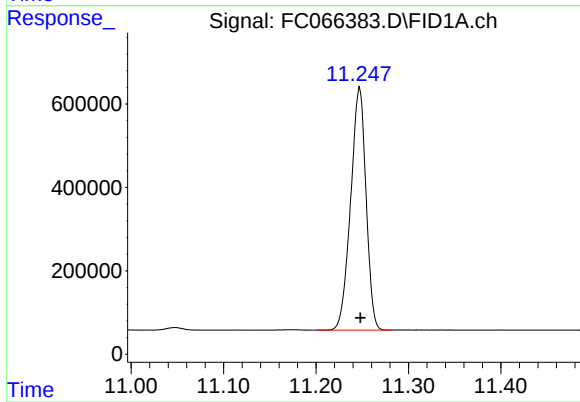
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 6328770
Conc: 41.82 ug/ml



#7 n-Hexadecane (C16)

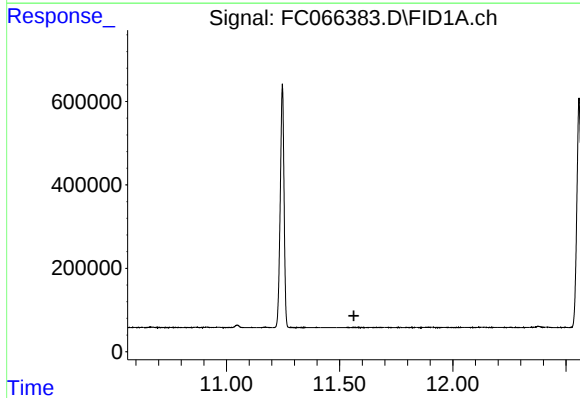
R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 6537053
Conc: 42.75 ug/ml

Instrument :
FID_C
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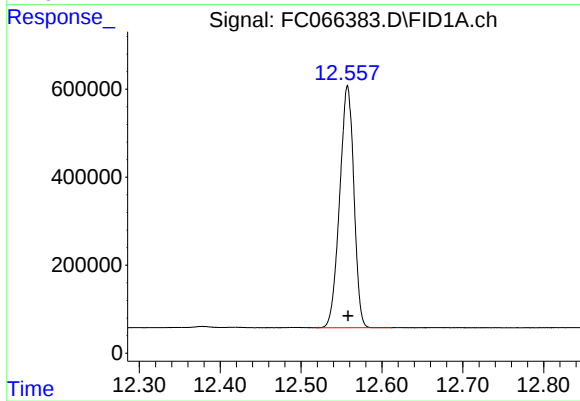
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 6725862
Conc: 44.31 ug/ml



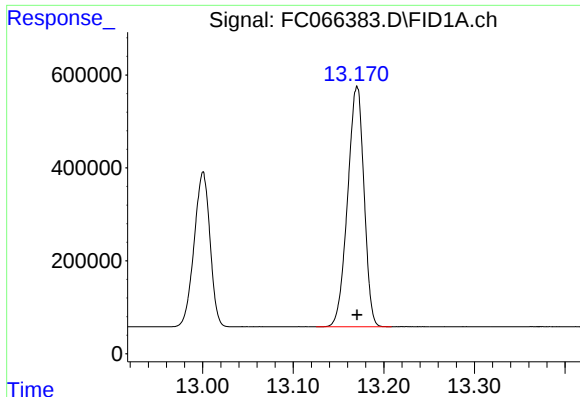
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

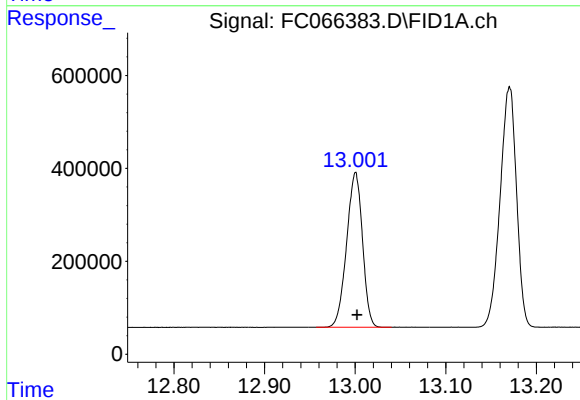
R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 6718072
Conc: 46.70 ug/ml



#11 n-Heneicosane (C21)

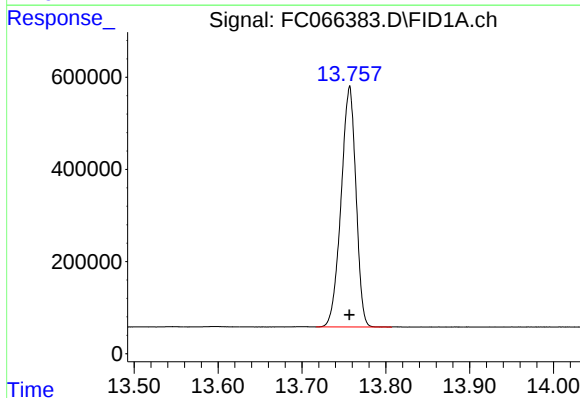
R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 6510989
Conc: 46.32 ug/ml

Instrument :
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PB160845BSD



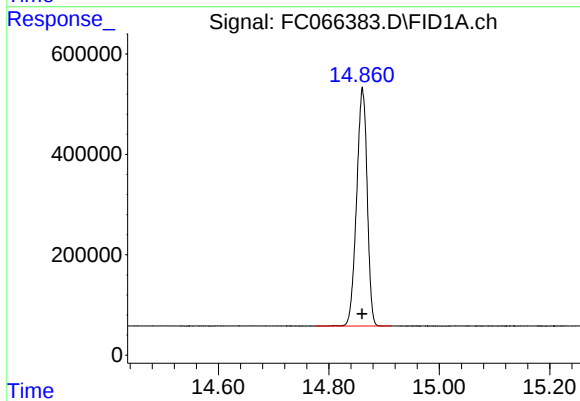
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 4047902
Conc: 33.00 ug/ml



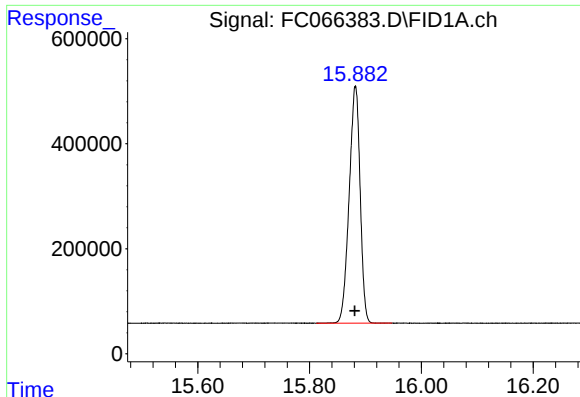
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 6435720
Conc: 45.97 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 6294408
Conc: 44.71 ug/ml



#15 n-Hexacosane (C26)

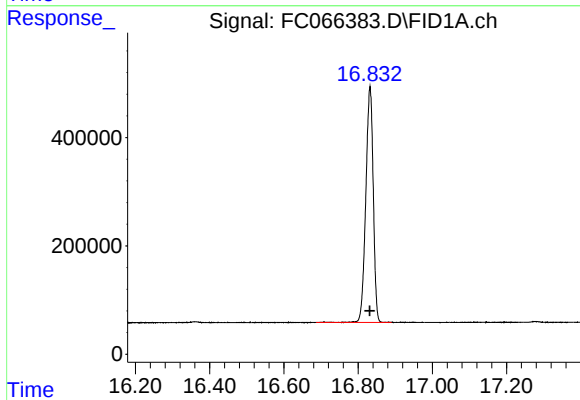
R.T.: 15.882 min
Delta R.T.: 0.000 min
Response: 6149389
Conc: 44.96 ug/ml

Instrument :

FID_C

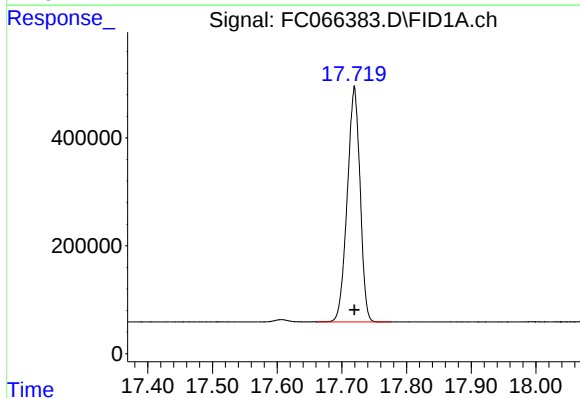
ClientSampleId :

PB160845BSD



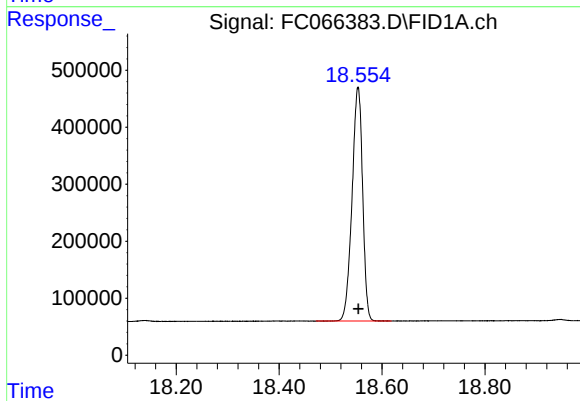
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 6043264
Conc: 45.13 ug/ml



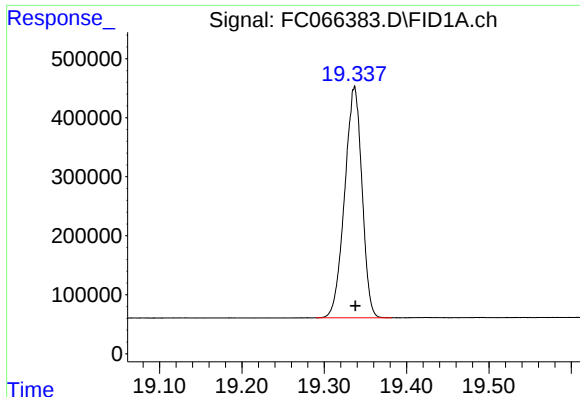
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 6004342
Conc: 44.55 ug/ml



#18 n-Dotriacontane (C32)

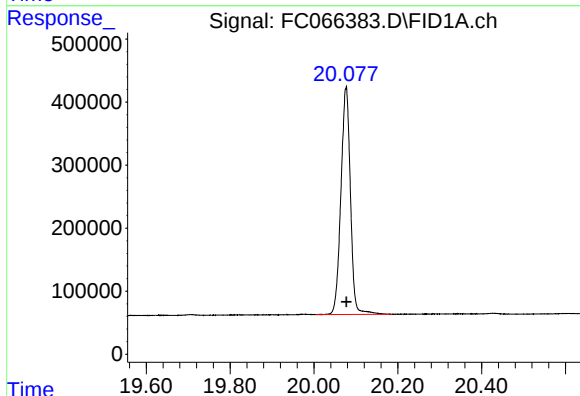
R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 5841968
Conc: 45.37 ug/ml



#19 n-Tetratriacontane (C34)

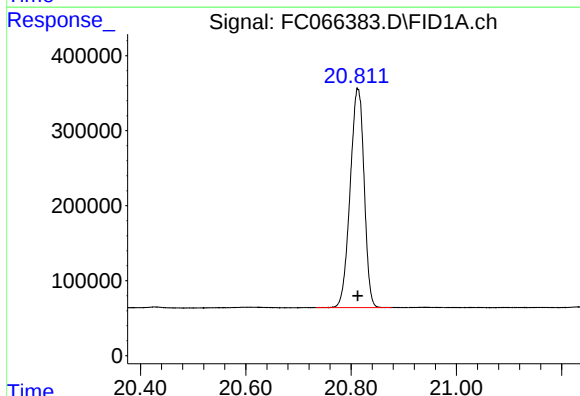
R.T.: 19.337 min
Delta R.T.: -0.001 min
Response: 5724137
Conc: 48.38 ug/ml

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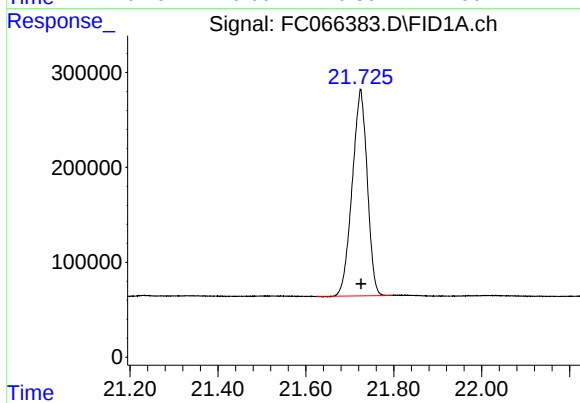
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.001 min
Response: 5683399
Conc: 49.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 5366939
Conc: 49.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: 0.000 min
Response: 5156095
Conc: 48.08 ug/ml