

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
 Data File : FC069617.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2025 12:21
 Operator : YP/AJ
 Sample : PB169161BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169161BSD

Integration File: autoint1.e
 Quant Time: Aug 11 01:15:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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...	13.103	5127570	47.032 ug/ml
Spiked Amount 50.000		Recovery =	94.06%
Target Compounds			
1) T n-Nonane (C9)	3.398	3275467	22.990 ug/ml
2) T n-Decane (C10)	4.471	4359437	29.986 ug/ml
4) T n-Dodecane (C12)	6.496	5251539	35.924 ug/ml
6) T n-Tetradecane (C14)	8.296	5734078	40.180 ug/ml
7) T n-Hexadecane (C16)	9.900	5940815	41.210 ug/ml
8) T n-Octadecane (C18)	11.344	6039681	42.710 ug/ml
10) T n-Eicosane (C20)	12.657	6467847	49.100 ug/ml
11) T n-Heneicosane (C21)	13.270	6186255	48.503 ug/ml
13) T n-Docosane (C22)	13.858	6134720	49.109 ug/ml
14) T n-Tetracosane (C24)	14.962	5972862	49.497 ug/ml
15) T n-Hexacosane (C26)	15.985	5730091	49.590 ug/ml
16) T n-Octacosane (C28)	16.936	5554492	49.554 ug/ml
17) T n-Tricontane (C30)	17.825	5562632	48.584 ug/ml
18) T n-Dotriacontane (C32)	18.658	5455005	49.108 ug/ml
19) T n-Tetratriacontane (C34)	19.444	5252194	51.581 ug/ml
20) T n-Hexatriacontane (C36)	20.185	4957667	55.601 ug/ml
21) T n-Octatriacontane (C38)	20.949	4781565	59.441 ug/ml
22) T n-Tetracontane (C40)	21.915	4647950	62.071 ug/ml

(f)=RT Delta > 1/2 Window

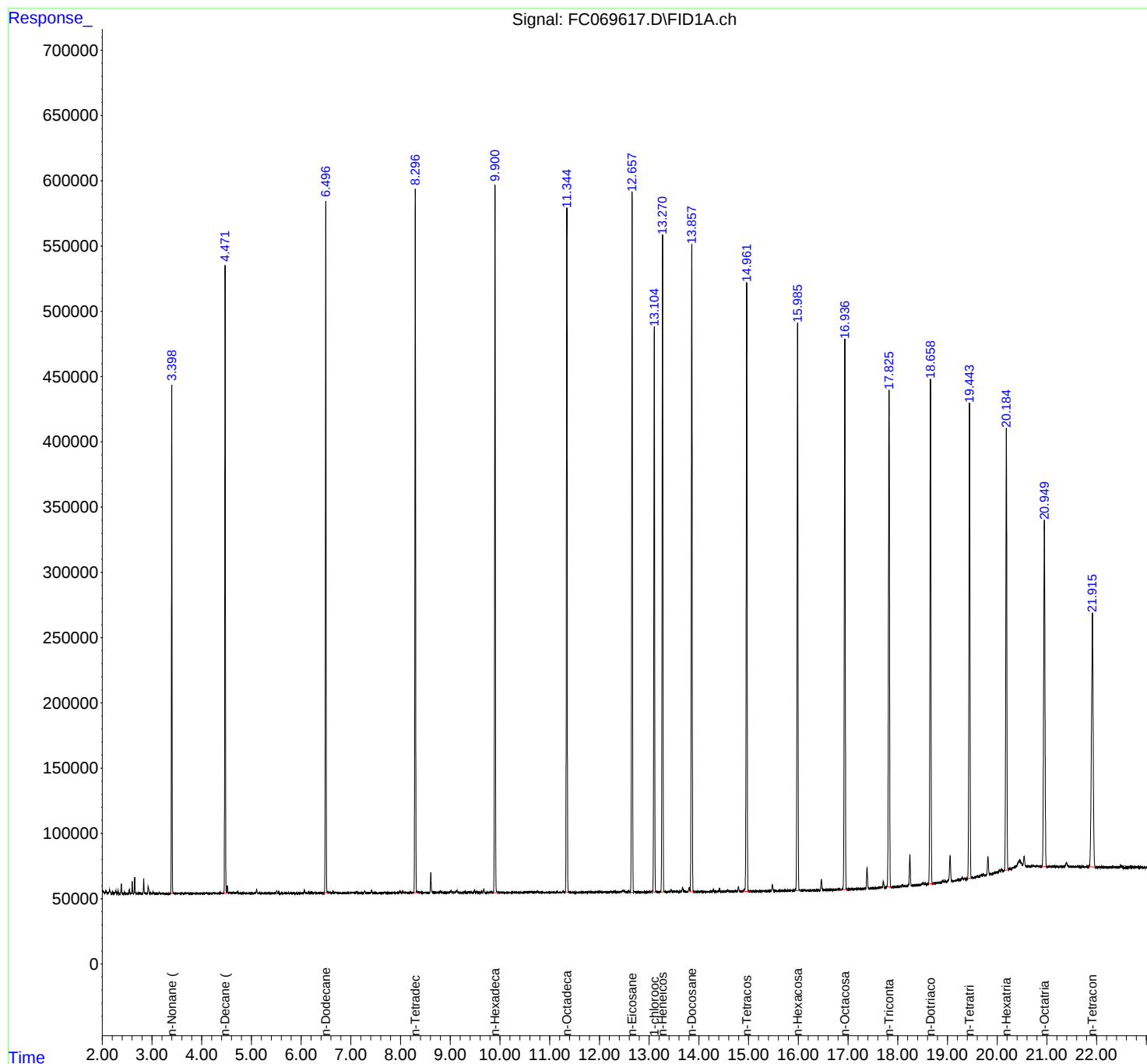
(m)=manual int.

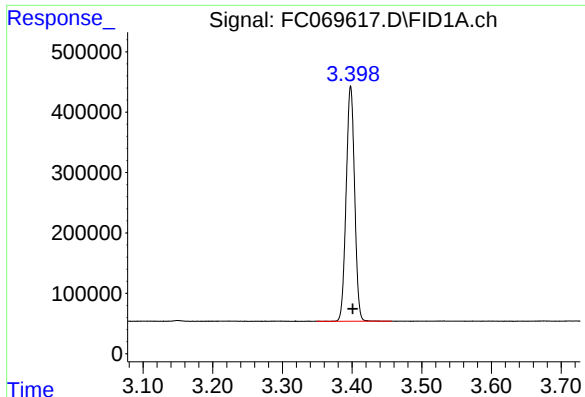
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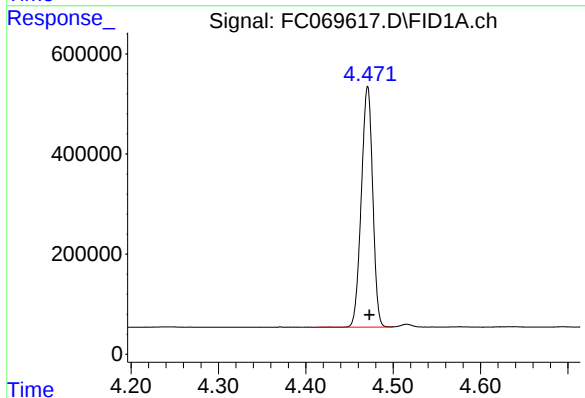




#1 n-Nonane (C9)

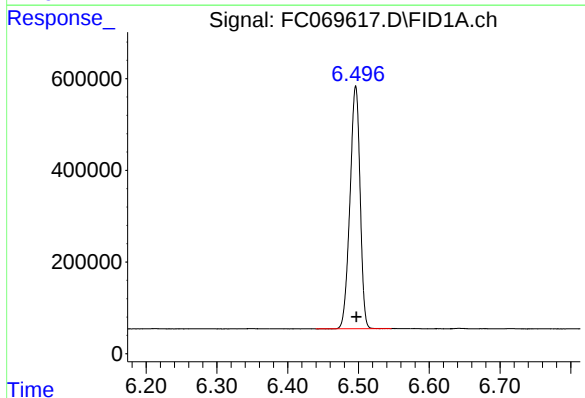
R.T.: 3.398 min
Delta R.T.: -0.003 min
Response: 3275467
Conc: 22.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169161BSD



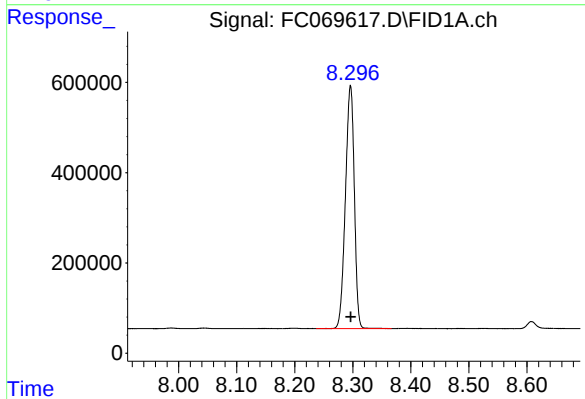
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 4359437
Conc: 29.99 ug/ml



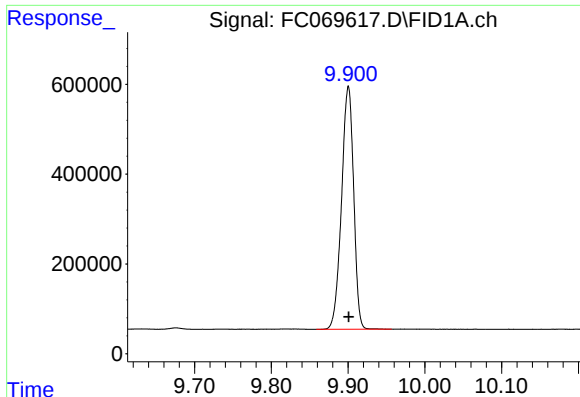
#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: -0.001 min
Response: 5251539
Conc: 35.92 ug/ml



#6 n-Tetradecane (C14)

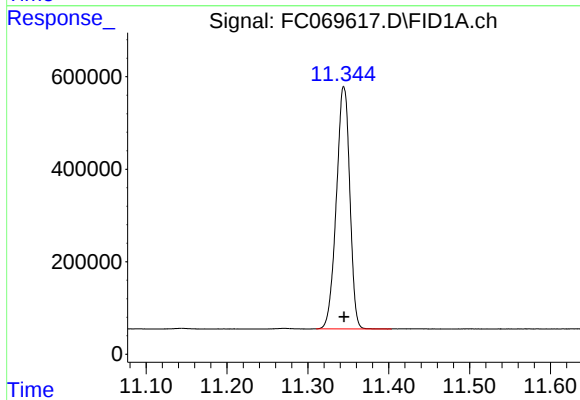
R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 5734078
Conc: 40.18 ug/ml



#7 n-Hexadecane (C16)

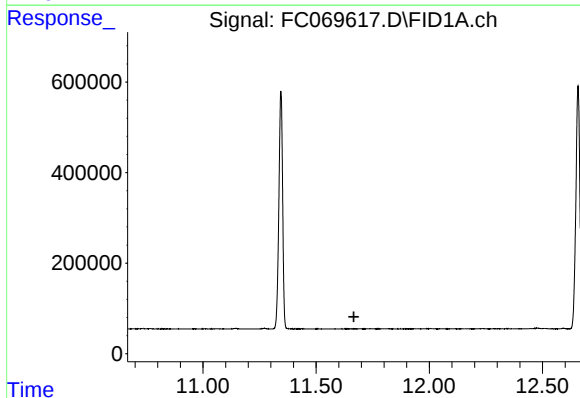
R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 5940815
Conc: 41.21 ug/ml

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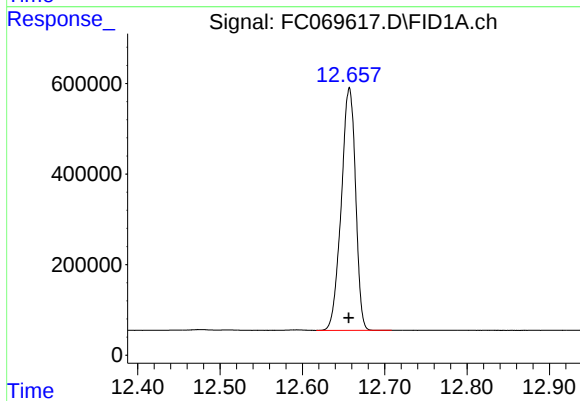
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 6039681
Conc: 42.71 ug/ml



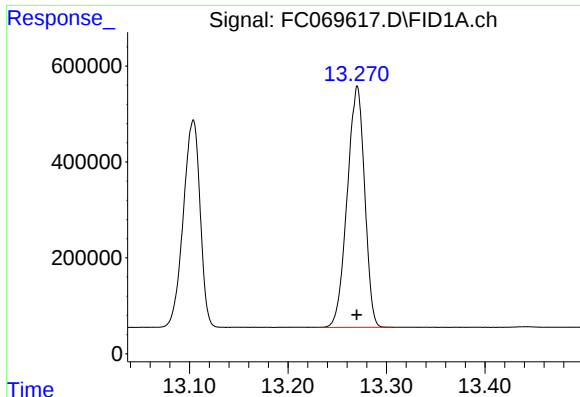
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

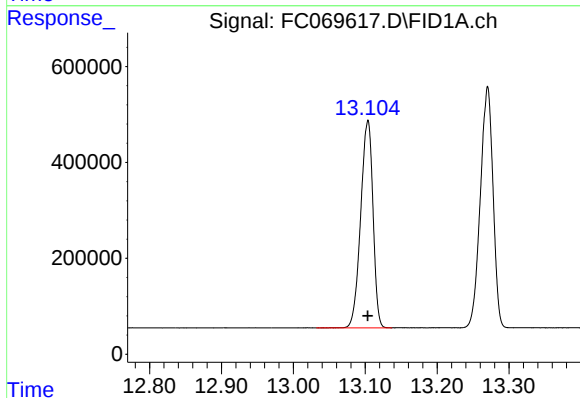
R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 6467847
Conc: 49.10 ug/ml



#11 n-Heneicosane (C21)

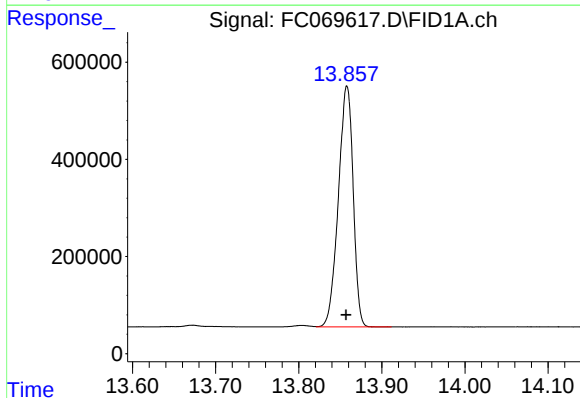
R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 6186255
Conc: 48.50 ug/ml

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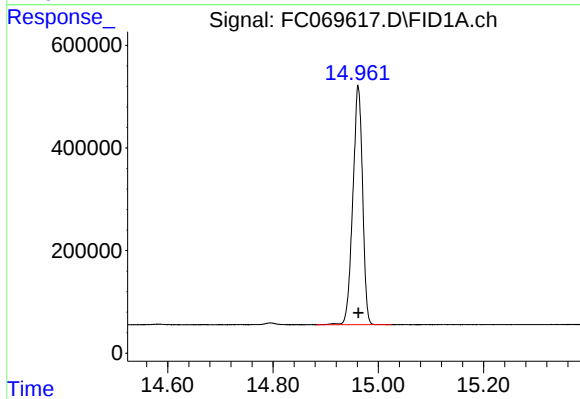
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 5127570
Conc: 47.03 ug/ml



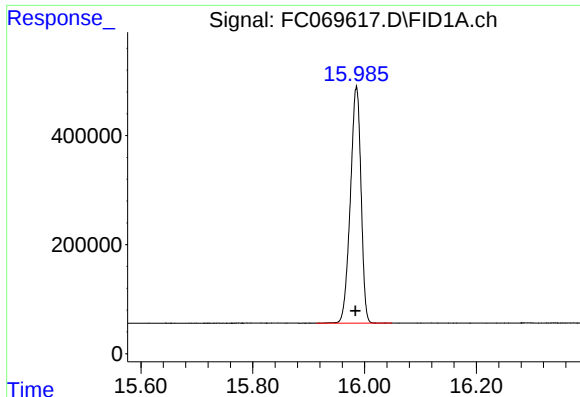
#13 n-Docosane (C22)

R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 6134720
Conc: 49.11 ug/ml



#14 n-Tetracosane (C24)

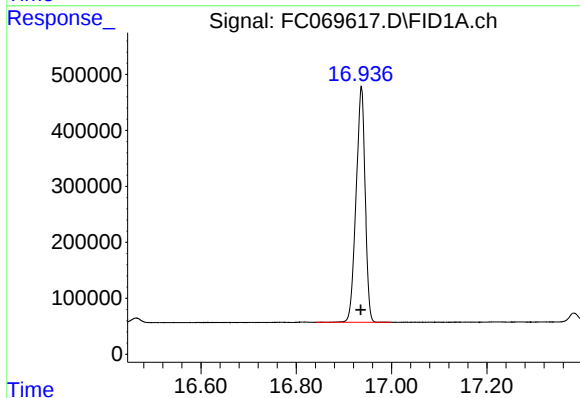
R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 5972862
Conc: 49.50 ug/ml



#15 n-Hexacosane (C26)

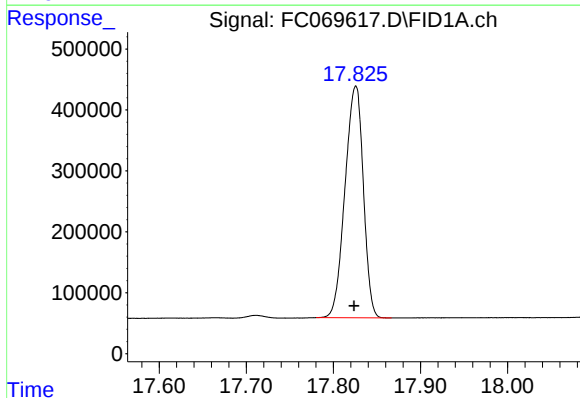
R.T.: 15.985 min
Delta R.T.: 0.002 min
Response: 5730091
Conc: 49.59 ug/ml

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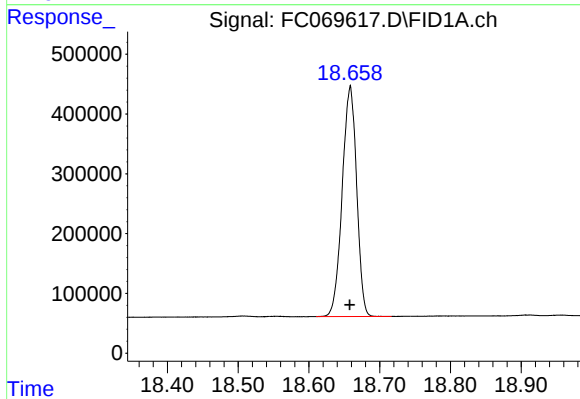
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: 0.001 min
Response: 5554492
Conc: 49.55 ug/ml



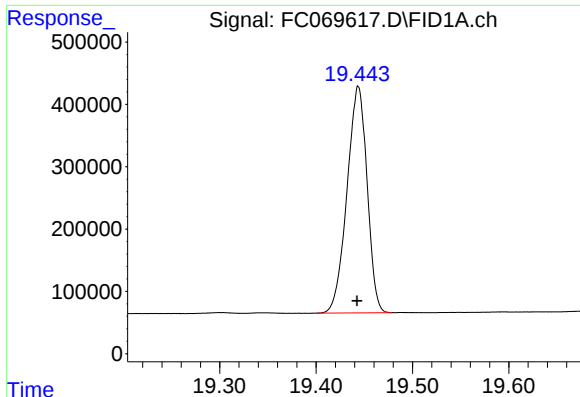
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: 0.002 min
Response: 5562632
Conc: 48.58 ug/ml



#18 n-Dotriacontane (C32)

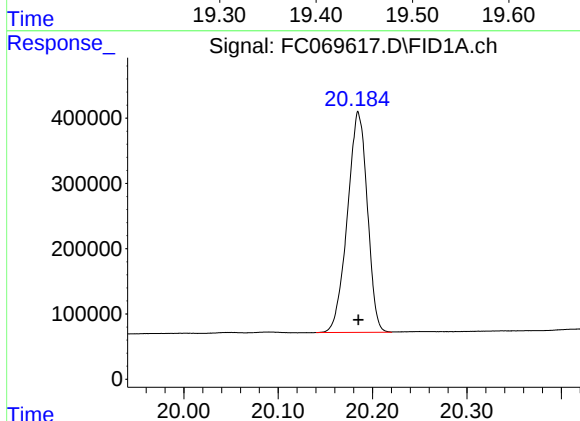
R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 5455005
Conc: 49.11 ug/ml



#19 n-Tetratriacontane (C34)

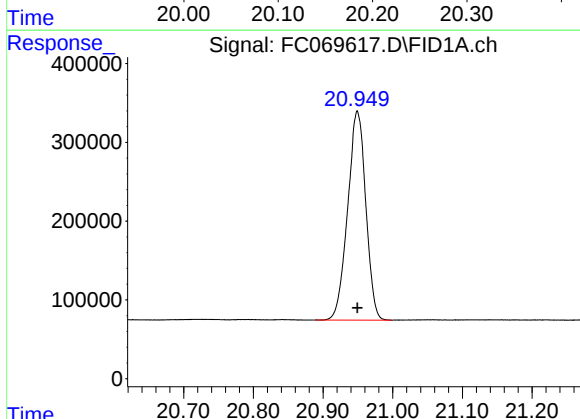
R.T.: 19.444 min
Delta R.T.: 0.001 min
Response: 5252194
Conc: 51.58 ug/ml

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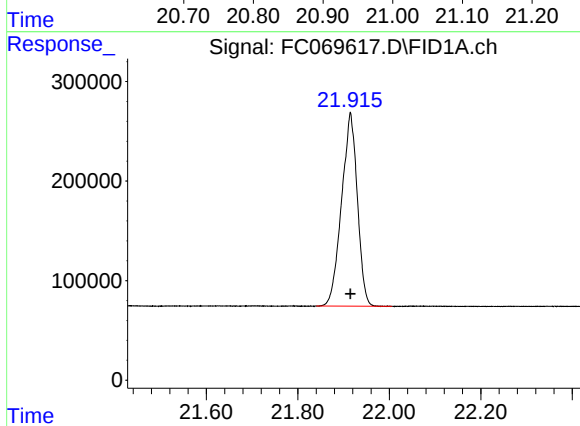
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 4957667
Conc: 55.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 4781565
Conc: 59.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 4647950
Conc: 62.07 ug/ml