

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069673.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 13:36
 Operator : YP/AJ
 Sample : PB169262BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169262BSD

Integration File: autoint1.e
 Quant Time: Aug 18 01:19:30 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...	13.099	5111557	46.885 ug/ml
Spiked Amount 50.000		Recovery =	93.77%
Target Compounds			
1) T n-Nonane (C9)	3.393	3351842	23.526 ug/ml
2) T n-Decane (C10)	4.466	4468640	30.737 ug/ml
4) T n-Dodecane (C12)	6.492	5382743	36.822 ug/ml
6) T n-Tetradecane (C14)	8.292	5924585	41.515 ug/ml
7) T n-Hexadecane (C16)	9.896	6125779	42.493 ug/ml
8) T n-Octadecane (C18)	11.340	6162721	43.580 ug/ml
10) T n-Eicosane (C20)	12.653	6565111	49.838 ug/ml
11) T n-Heneicosane (C21)	13.266	6247172	48.981 ug/ml
13) T n-Docosane (C22)	13.854	6170997	49.399 ug/ml
14) T n-Tetracosane (C24)	14.958	5975359	49.518 ug/ml
15) T n-Hexacosane (C26)	15.980	5733808	49.622 ug/ml
16) T n-Octacosane (C28)	16.931	5586147	49.837 ug/ml
17) T n-Tricontane (C30)	17.822	5657527	49.412 ug/ml
18) T n-Dotriacontane (C32)	18.654	5629361	50.678 ug/ml
19) T n-Tetratriacontane (C34)	19.439	5430614	53.333 ug/ml
20) T n-Hexatriacontane (C36)	20.181	5099230	57.189 ug/ml
21) T n-Octatriacontane (C38)	20.944	4913390	61.080 ug/ml
22) T n-Tetracontane (C40)	21.906	4733277	63.210 ug/ml

(f)=RT Delta > 1/2 Window

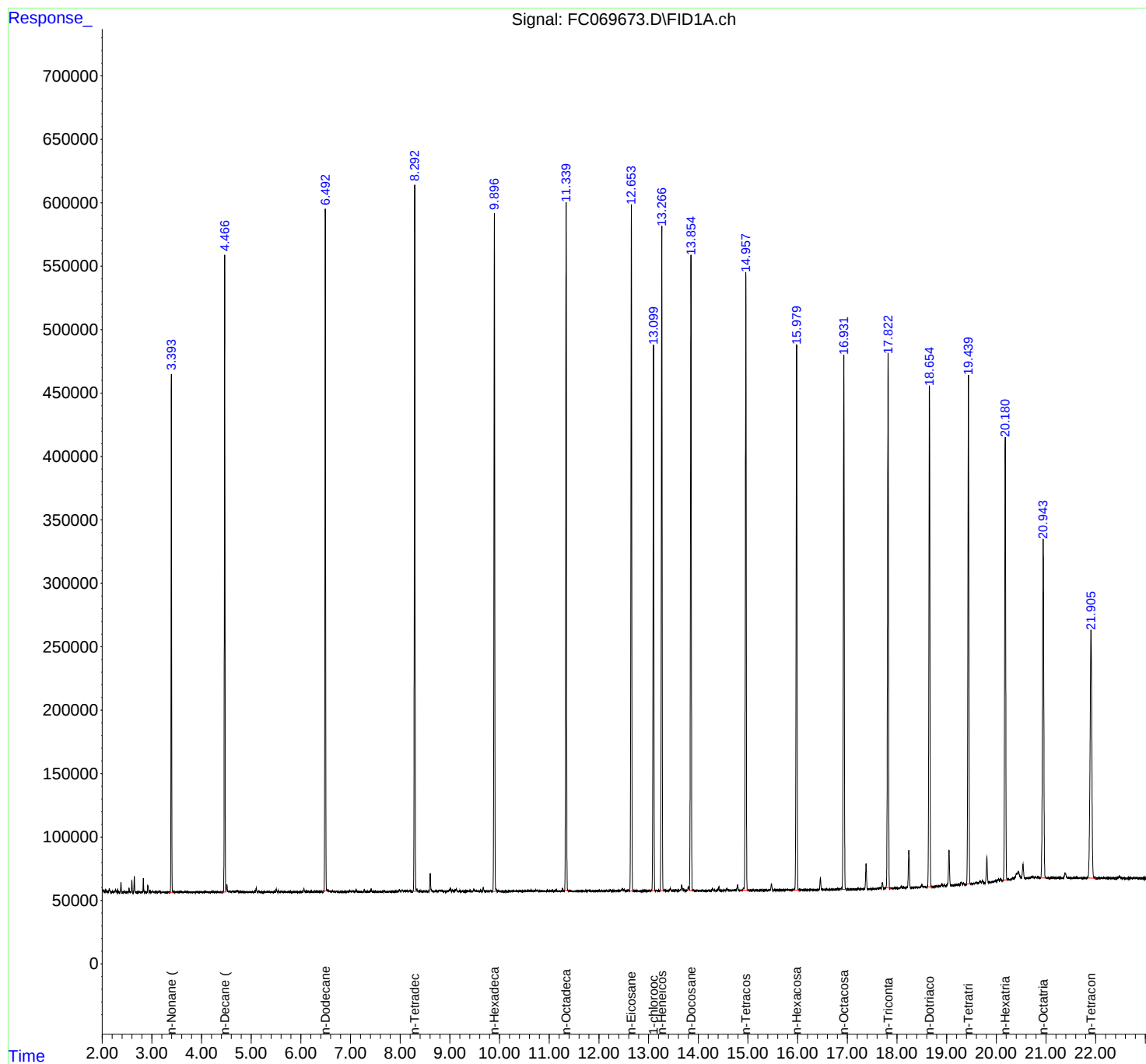
(m)=manual int.

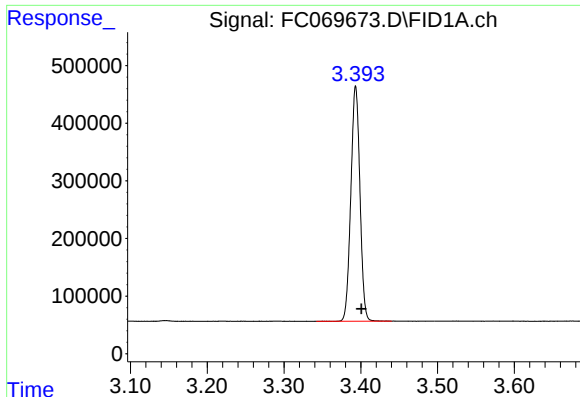
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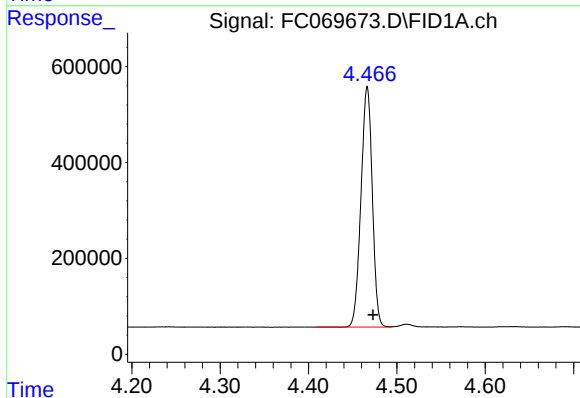




#1 n-Nonane (C9)

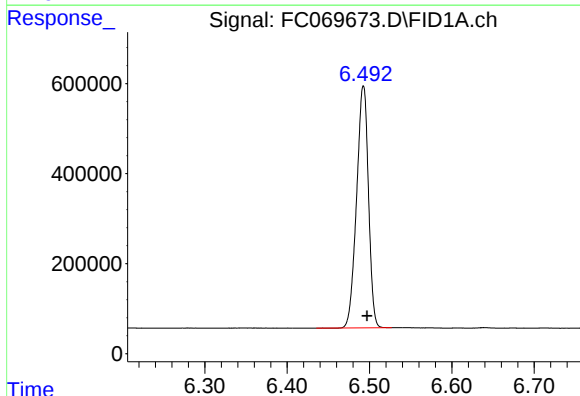
R.T.: 3.393 min
Delta R.T.: -0.008 min
Response: 3351842
Conc: 23.53 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169262BSD



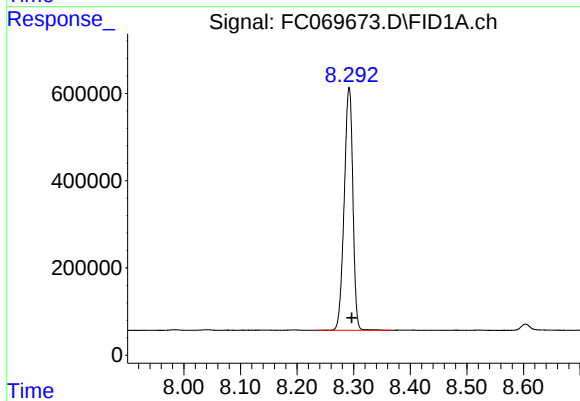
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 4468640
Conc: 30.74 ug/ml



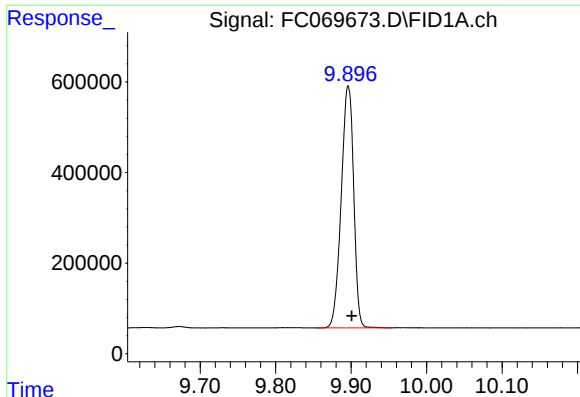
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.005 min
Response: 5382743
Conc: 36.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: -0.005 min
Response: 5924585
Conc: 41.51 ug/ml



#7 n-Hexadecane (C16)

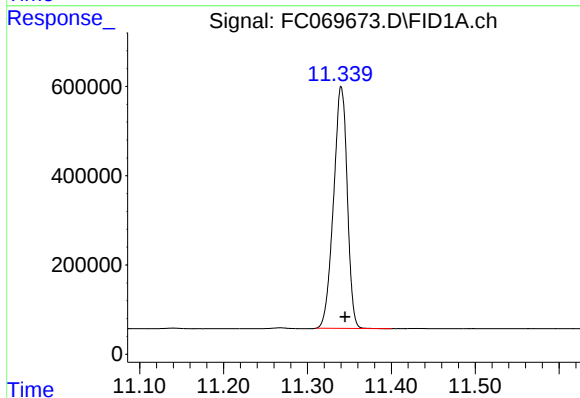
R.T.: 9.896 min
Delta R.T.: -0.005 min
Response: 6125779
Conc: 42.49 ug/ml

Instrument :

FID_C

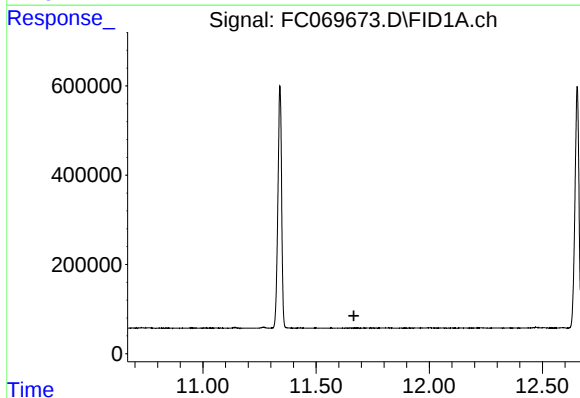
ClientSampleId :

PB169262BSD



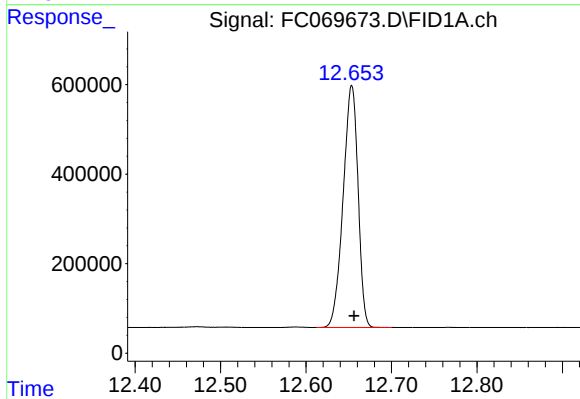
#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: -0.005 min
Response: 6162721
Conc: 43.58 ug/ml



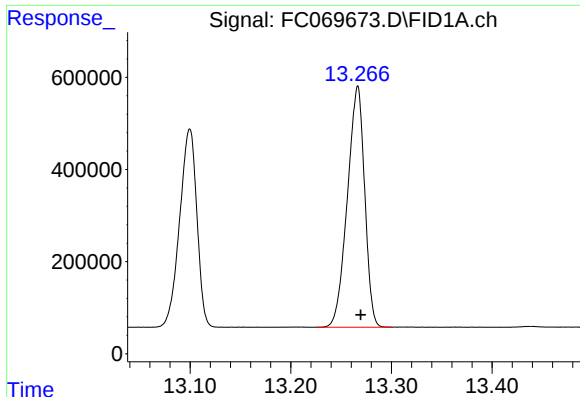
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

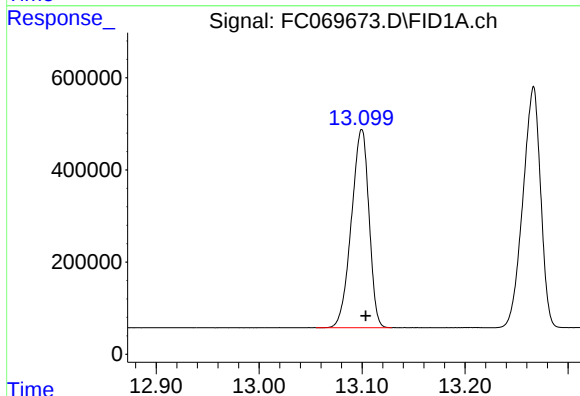
R.T.: 12.653 min
Delta R.T.: -0.003 min
Response: 6565111
Conc: 49.84 ug/ml



#11 n-Heneicosane (C21)

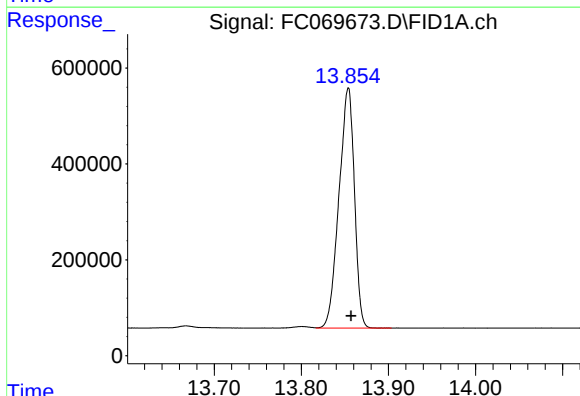
R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 6247172
Conc: 48.98 ug/ml

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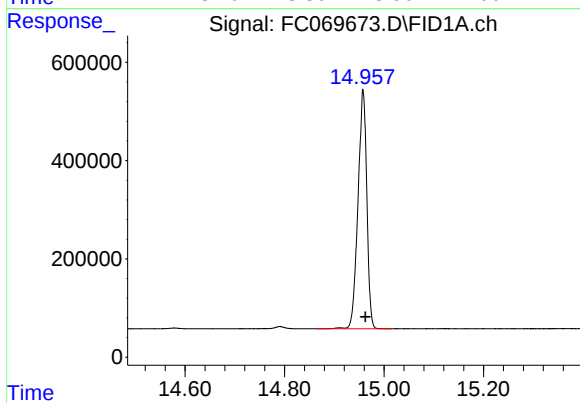
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 5111557
Conc: 46.88 ug/ml



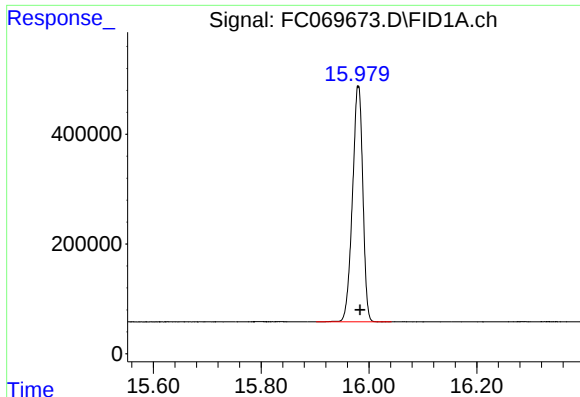
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 6170997
Conc: 49.40 ug/ml



#14 n-Tetracosane (C24)

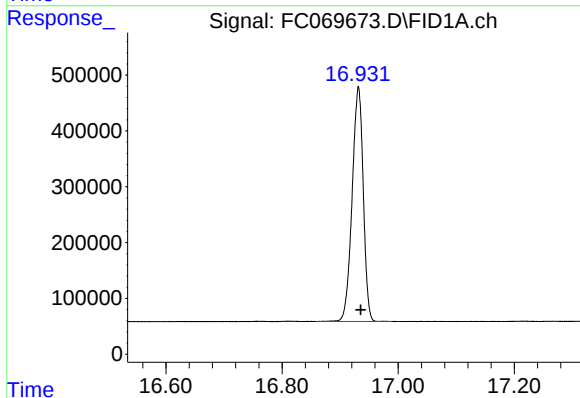
R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 5975359
Conc: 49.52 ug/ml



#15 n-Hexacosane (C26)

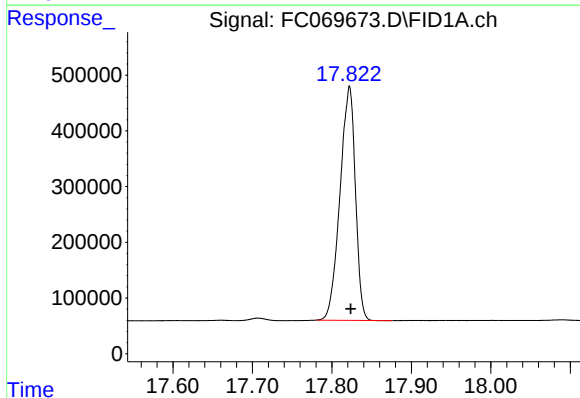
R.T.: 15.980 min
Delta R.T.: -0.003 min
Response: 5733808
Conc: 49.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169262BSD



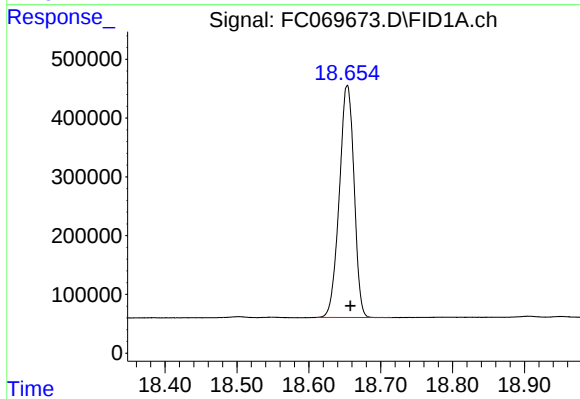
#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: -0.004 min
Response: 5586147
Conc: 49.84 ug/ml



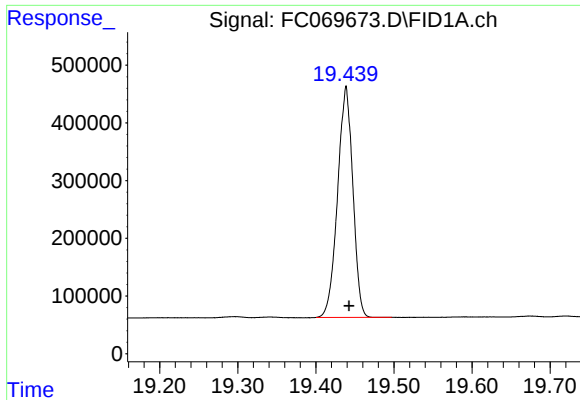
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: -0.002 min
Response: 5657527
Conc: 49.41 ug/ml



#18 n-Dotriacontane (C32)

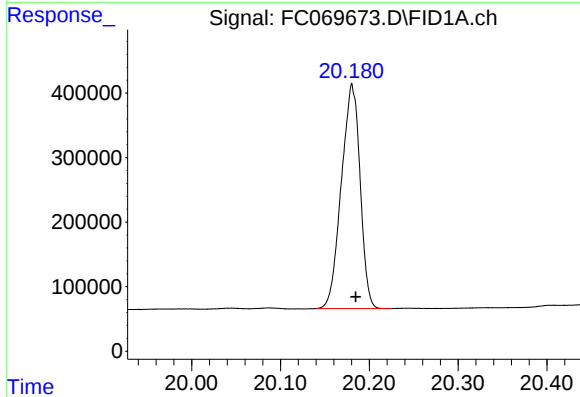
R.T.: 18.654 min
Delta R.T.: -0.004 min
Response: 5629361
Conc: 50.68 ug/ml



#19 n-Tetratriacontane (C34)

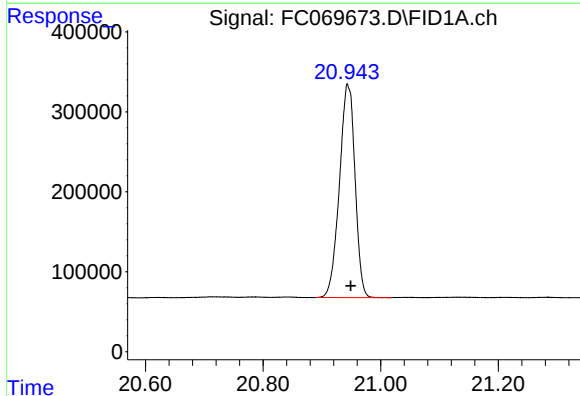
R.T.: 19.439 min
Delta R.T.: -0.004 min
Response: 5430614
Conc: 53.33 ug/ml

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FID_C
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PB169262BSD



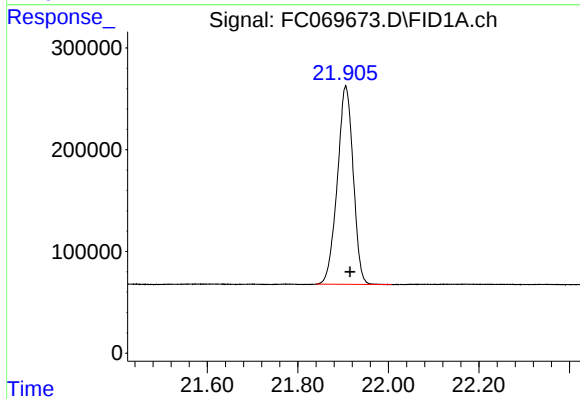
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.004 min
Response: 5099230
Conc: 57.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.944 min
Delta R.T.: -0.005 min
Response: 4913390
Conc: 61.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: -0.009 min
Response: 4733277
Conc: 63.21 ug/ml