

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
 Data File : FC070100.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2025 12:06
 Operator : YP/AJ
 Sample : PB170345BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170345BSD

Integration File: autoint1.e
 Quant Time: Nov 01 04:06:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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...	13.080	5341160	39.348 ug/ml
Spiked Amount 50.000		Recovery =	78.70%
Target Compounds			
1) T n-Nonane (C9)	3.380	2797816	20.375 ug/ml
2) T n-Decane (C10)	4.451	3598011	25.028 ug/ml
4) T n-Dodecane (C12)	6.474	4451965	29.045 ug/ml
6) T n-Tetradecane (C14)	8.273	5003420	31.459 ug/ml
7) T n-Hexadecane (C16)	9.877	5458287	32.389 ug/ml
8) T n-Octadecane (C18)	11.321	5836090	34.304 ug/ml
10) T n-Eicosane (C20)	12.633	6061809	37.784 ug/ml
11) T n-Heneicosane (C21)	13.246	5811656	37.429 ug/ml
13) T n-Docosane (C22)	13.834	5748818	37.355 ug/ml
14) T n-Tetracosane (C24)	14.938	5538727	36.528 ug/ml
15) T n-Hexacosane (C26)	15.960	5215163	36.031 ug/ml
16) T n-Octacosane (C28)	16.913	4942221	35.735 ug/ml
17) T n-Tricontane (C30)	17.802	5007776	36.678 ug/ml
18) T n-Dotriacontane (C32)	18.636	4989204	38.696 ug/ml
19) T n-Tetratriacontane (C34)	19.421	4813303	42.185 ug/ml
20) T n-Hexatriacontane (C36)	20.162	4509403	46.628 ug/ml
21) T n-Octatriacontane (C38)	20.922	4367749	50.113 ug/ml
22) T n-Tetracontane (C40)	21.879	4125782	50.215 ug/ml

(f)=RT Delta > 1/2 Window

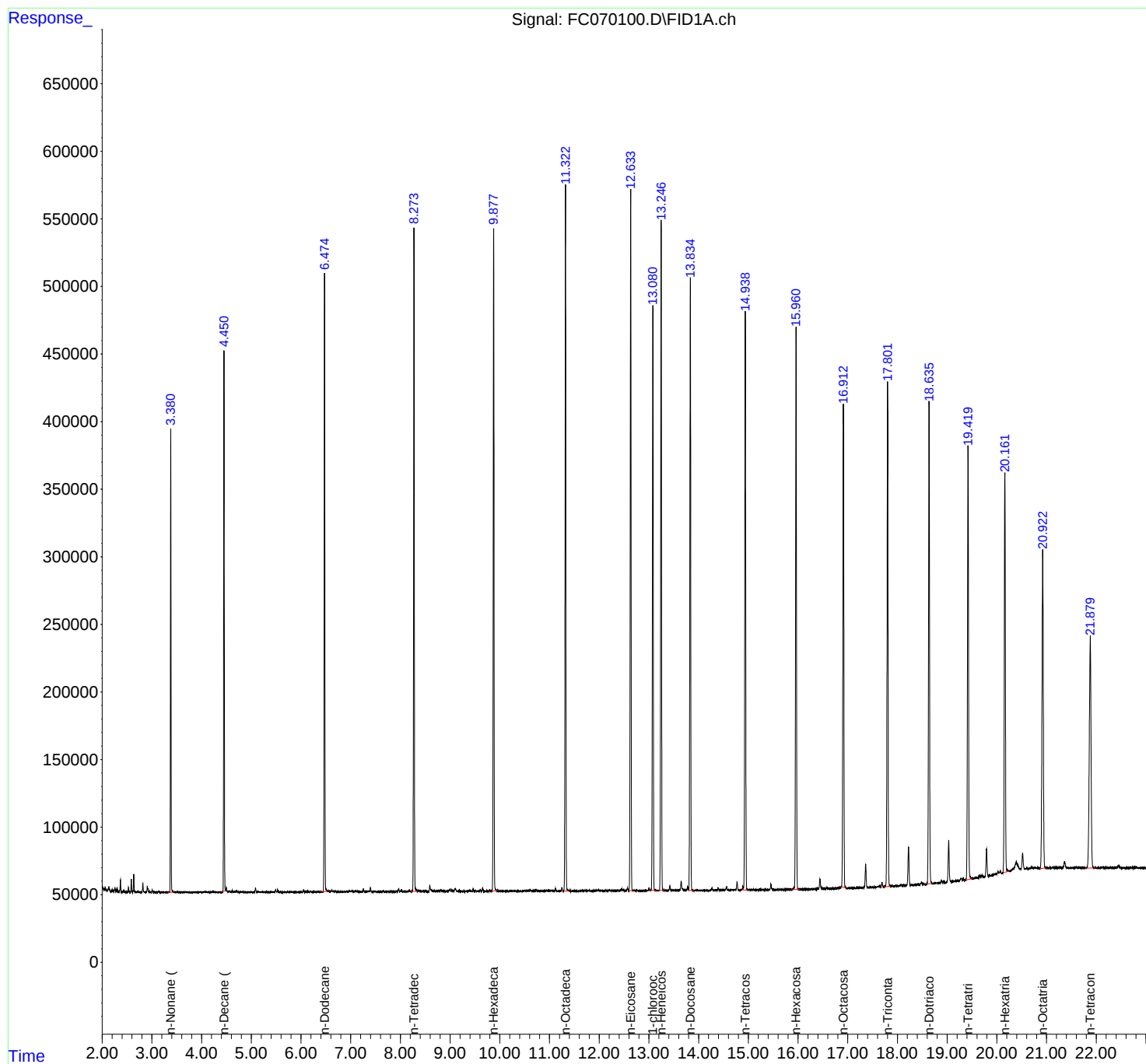
(m)=manual int.

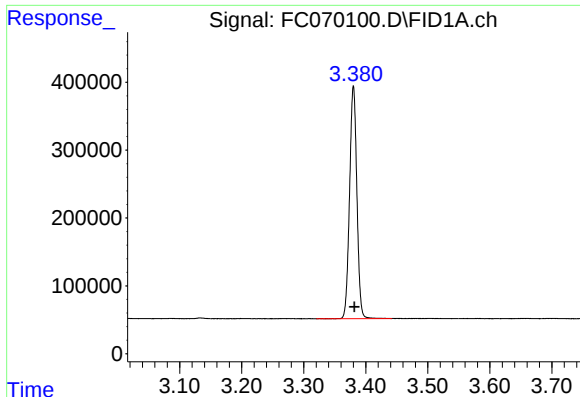
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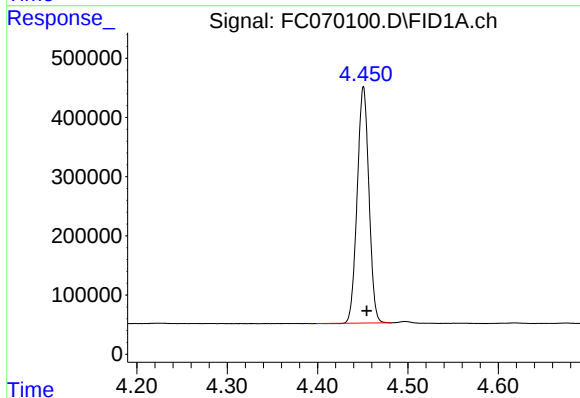




#1 n-Nonane (C9)

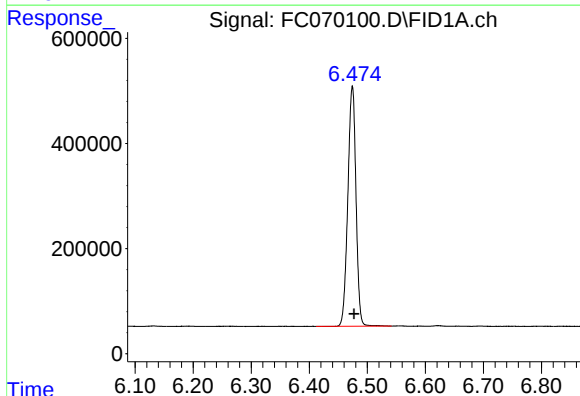
R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2797816
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB170345BSD



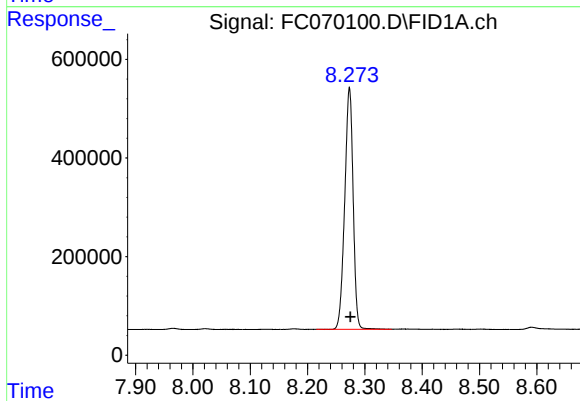
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.004 min
Response: 3598011
Conc: 25.03 ug/ml



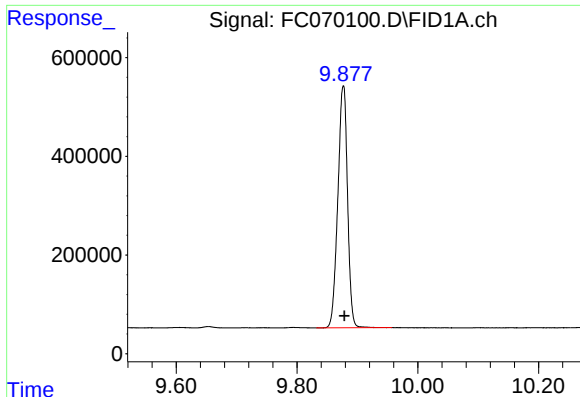
#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 4451965
Conc: 29.05 ug/ml



#6 n-Tetradecane (C14)

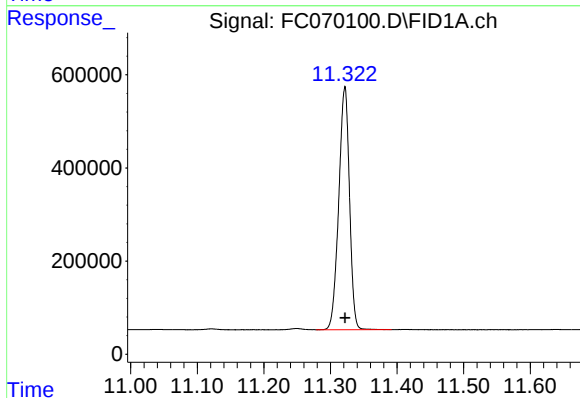
R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 5003420
Conc: 31.46 ug/ml



#7 n-Hexadecane (C16)

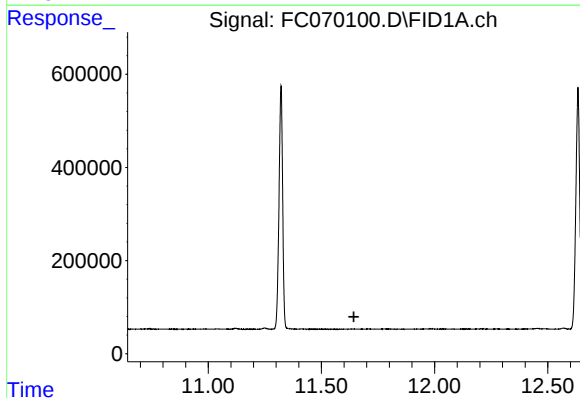
R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 5458287
Conc: 32.39 ug/ml

Instrument :
FID_C
ClientSampleId :
PB170345BSD



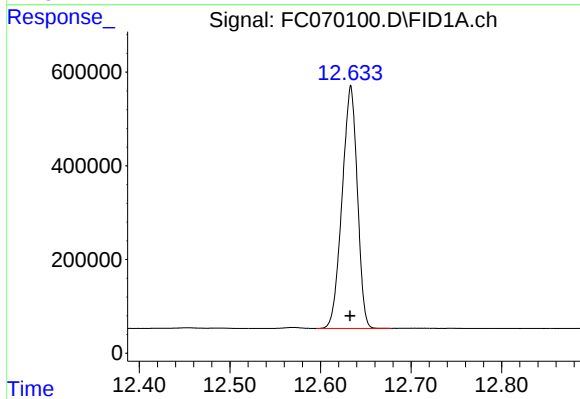
#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 5836090
Conc: 34.30 ug/ml



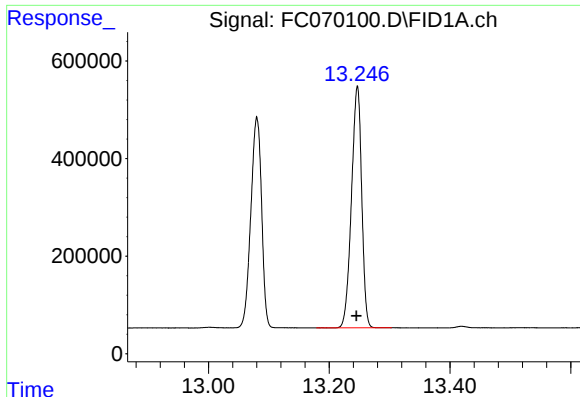
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.644 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

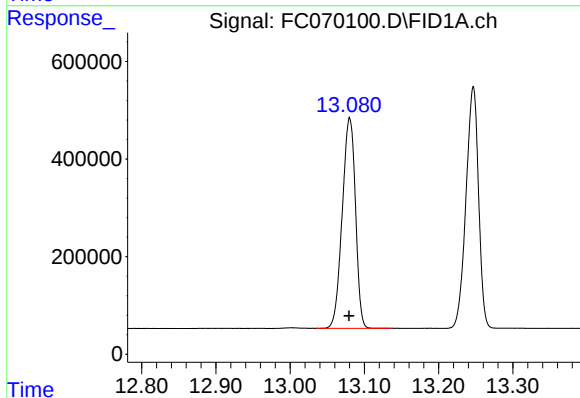
R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 6061809
Conc: 37.78 ug/ml



#11 n-Heneicosane (C21)

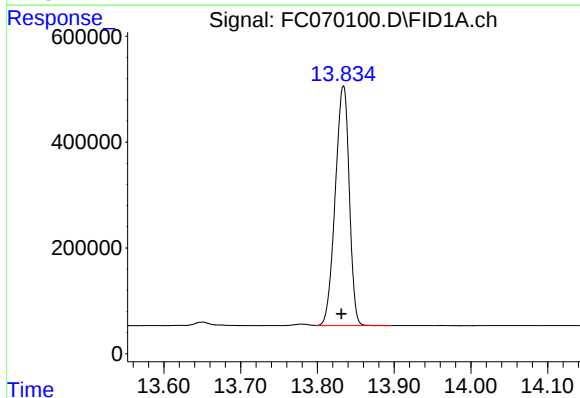
R.T.: 13.246 min
Delta R.T.: 0.001 min
Response: 5811656
Conc: 37.43 ug/ml

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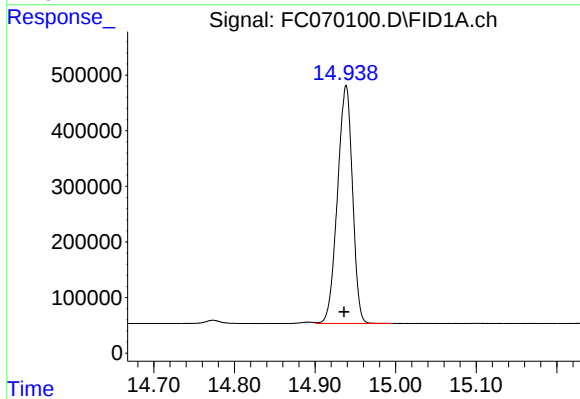
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.001 min
Response: 5341160
Conc: 39.35 ug/ml



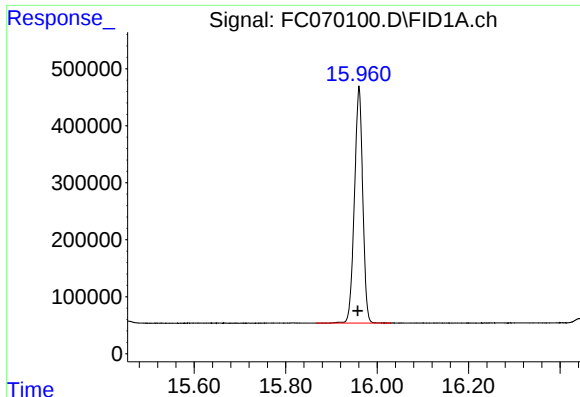
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: 0.002 min
Response: 5748818
Conc: 37.36 ug/ml



#14 n-Tetracosane (C24)

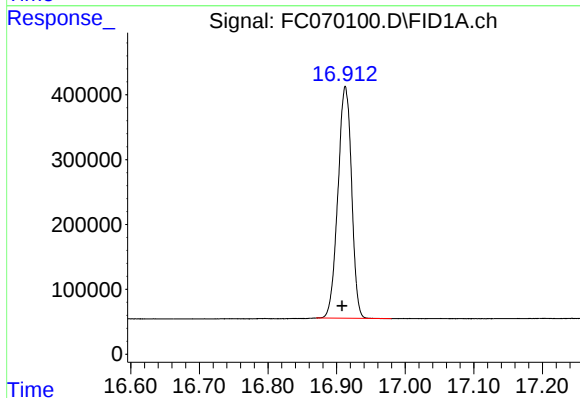
R.T.: 14.938 min
Delta R.T.: 0.002 min
Response: 5538727
Conc: 36.53 ug/ml



#15 n-Hexacosane (C26)

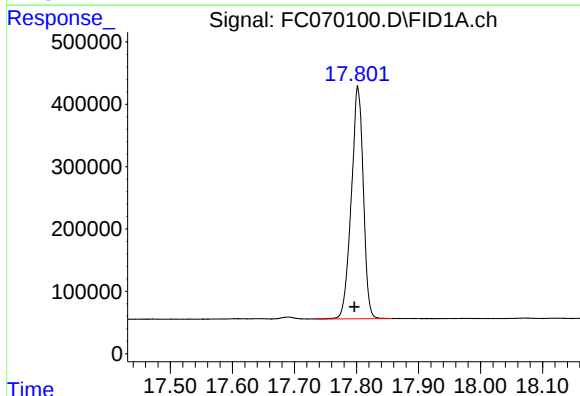
R.T.: 15.960 min
Delta R.T.: 0.002 min
Response: 5215163
Conc: 36.03 ug/ml

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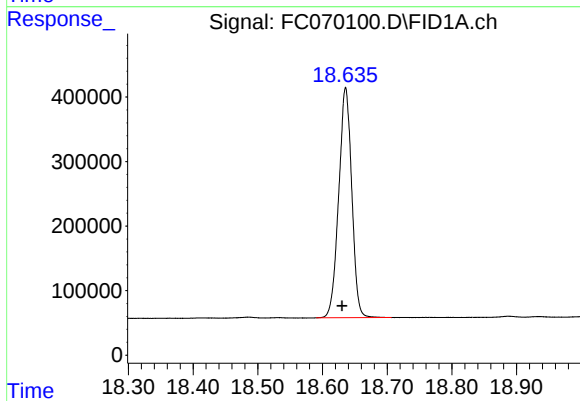
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: 0.005 min
Response: 4942221
Conc: 35.73 ug/ml



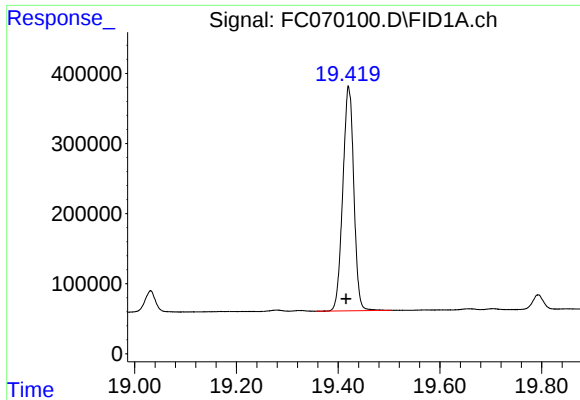
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: 0.006 min
Response: 5007776
Conc: 36.68 ug/ml



#18 n-Dotriacontane (C32)

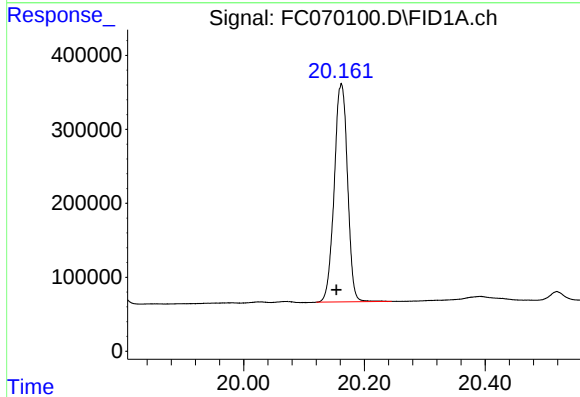
R.T.: 18.636 min
Delta R.T.: 0.006 min
Response: 4989204
Conc: 38.70 ug/ml



#19 n-Tetratriacontane (C34)

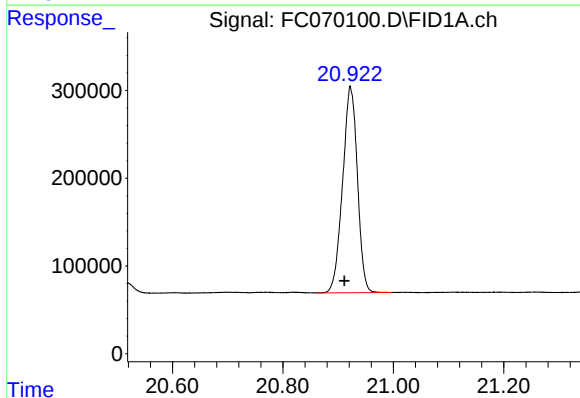
R.T.: 19.421 min
Delta R.T.: 0.005 min
Response: 4813303
Conc: 42.19 ug/ml

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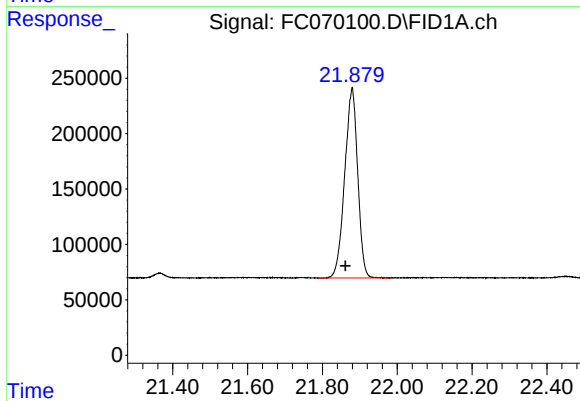
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: 0.008 min
Response: 4509403
Conc: 46.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: 0.011 min
Response: 4367749
Conc: 50.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: 0.018 min
Response: 4125782
Conc: 50.21 ug/ml