

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069637.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 13:21
 Operator : YP/AJ
 Sample : PB169209BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169209BSD

Integration File: autoint1.e
 Quant Time: Aug 13 01:16:20 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	4948752	45.392 ug/ml
Spiked Amount 50.000		Recovery =	90.78%
Target Compounds			
1) T n-Nonane (C9)	3.393	3268470	22.941 ug/ml
2) T n-Decane (C10)	4.468	4364359	30.020 ug/ml
4) T n-Dodecane (C12)	6.495	5280537	36.122 ug/ml
6) T n-Tetradecane (C14)	8.295	5779732	40.500 ug/ml
7) T n-Hexadecane (C16)	9.900	5962915	41.363 ug/ml
8) T n-Octadecane (C18)	11.345	6011267	42.509 ug/ml
10) T n-Eicosane (C20)	12.657	6358885	48.273 ug/ml
11) T n-Heneicosane (C21)	13.270	6049895	47.434 ug/ml
13) T n-Docosane (C22)	13.857	5968585	47.779 ug/ml
14) T n-Tetracosane (C24)	14.963	5767749	47.797 ug/ml
15) T n-Hexacosane (C26)	15.985	5520907	47.779 ug/ml
16) T n-Octacosane (C28)	16.937	5365368	47.867 ug/ml
17) T n-Tricontane (C30)	17.826	5416508	47.307 ug/ml
18) T n-Dotriacontane (C32)	18.658	5351918	48.180 ug/ml
19) T n-Tetratriacontane (C34)	19.444	5166039	50.735 ug/ml
20) T n-Hexatriacontane (C36)	20.185	4857632	54.479 ug/ml
21) T n-Octatriacontane (C38)	20.950	4683338	58.220 ug/ml
22) T n-Tetracontane (C40)	21.915	4528869	60.480 ug/ml

(f)=RT Delta > 1/2 Window

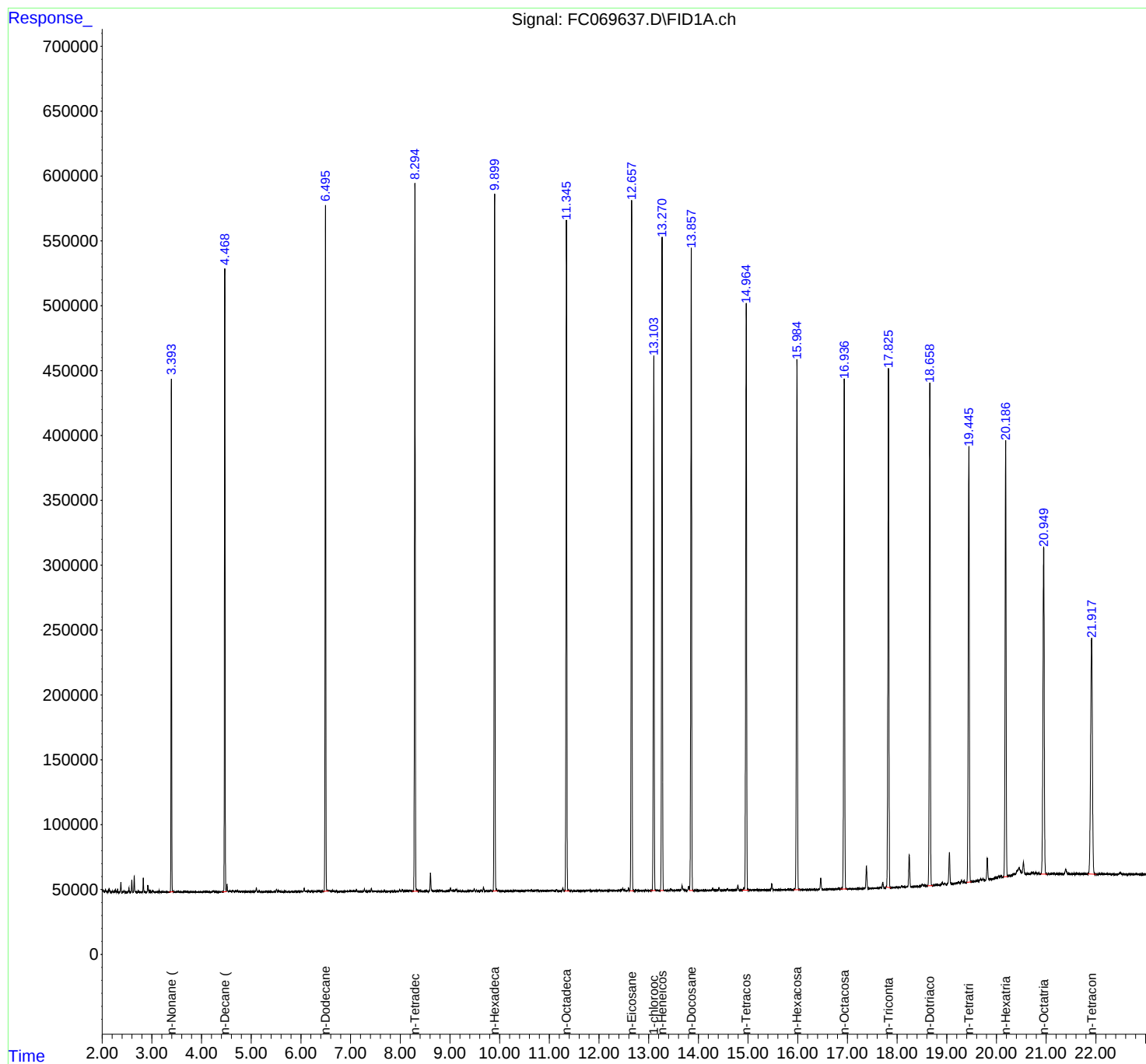
(m)=manual int.

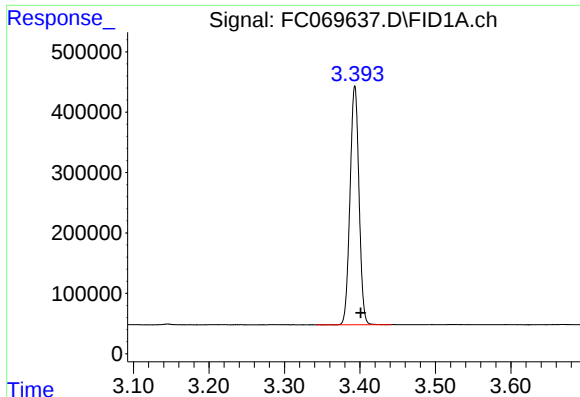
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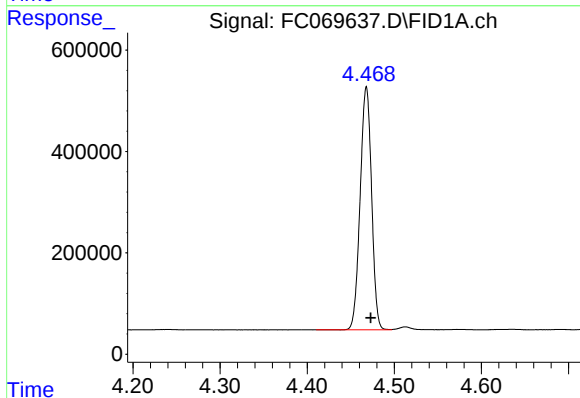




#1 n-Nonane (C9)

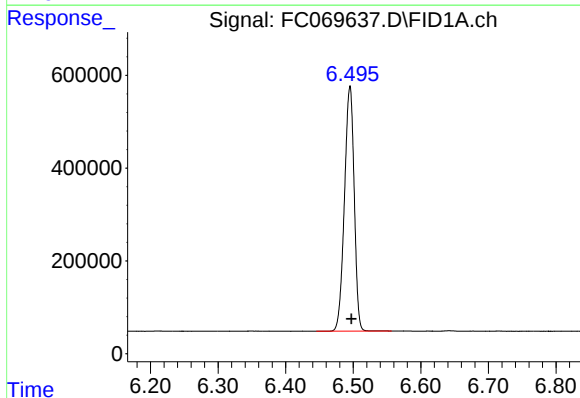
R.T.: 3.393 min
Delta R.T.: -0.008 min
Response: 3268470
Conc: 22.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169209BSD



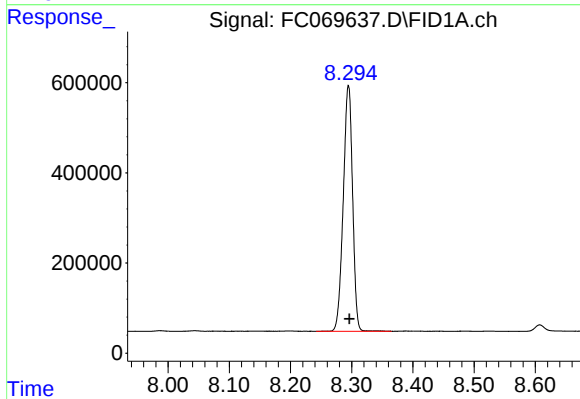
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 4364359
Conc: 30.02 ug/ml



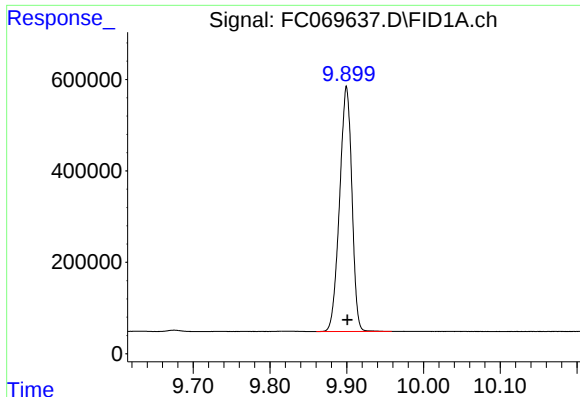
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 5280537
Conc: 36.12 ug/ml



#6 n-Tetradecane (C14)

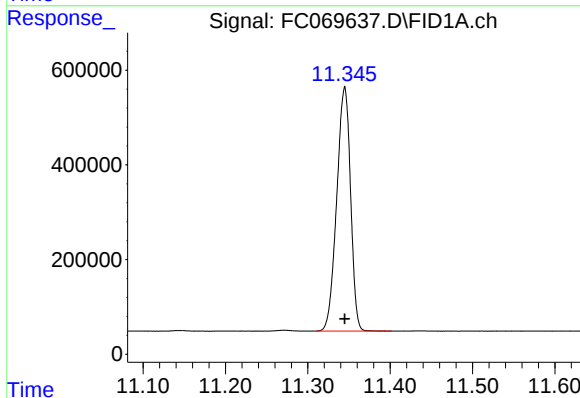
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 5779732
Conc: 40.50 ug/ml



#7 n-Hexadecane (C16)

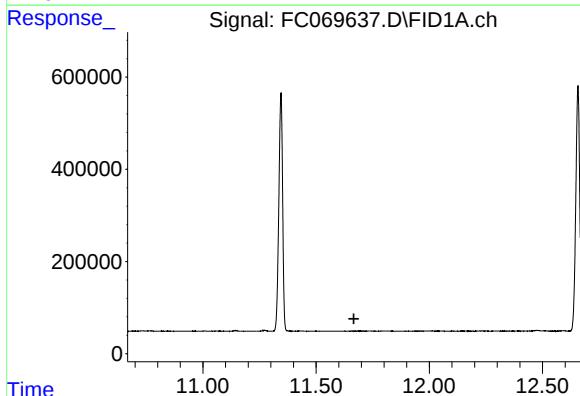
R.T.: 9.900 min
Delta R.T.: -0.001 min
Response: 5962915
Conc: 41.36 ug/ml

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FID_C
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PB169209BSD



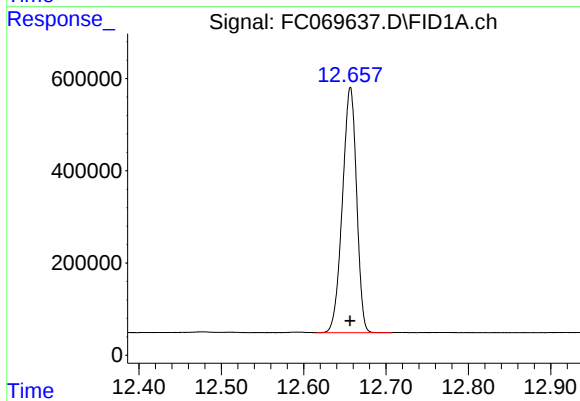
#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 6011267
Conc: 42.51 ug/ml



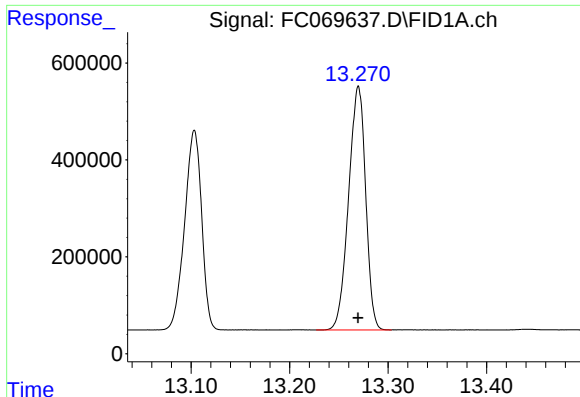
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

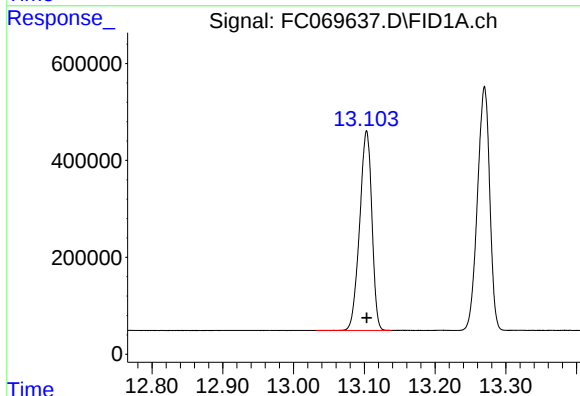
R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 6358885
Conc: 48.27 ug/ml



#11 n-Heneicosane (C21)

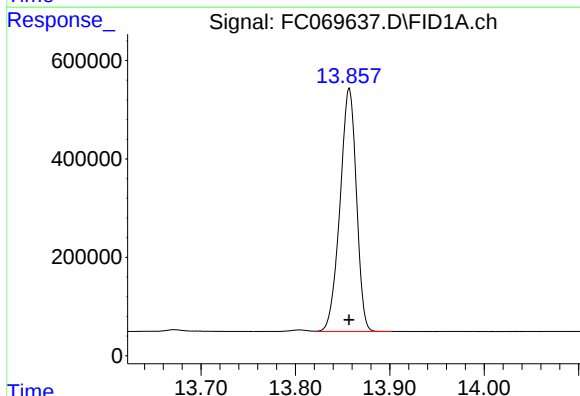
R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 6049895
Conc: 47.43 ug/ml

Instrument :
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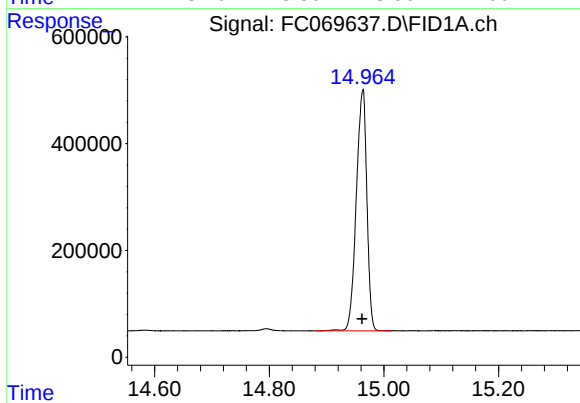
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 4948752
Conc: 45.39 ug/ml



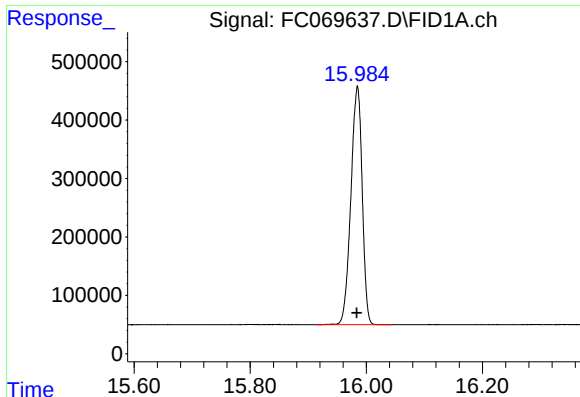
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 5968585
Conc: 47.78 ug/ml



#14 n-Tetracosane (C24)

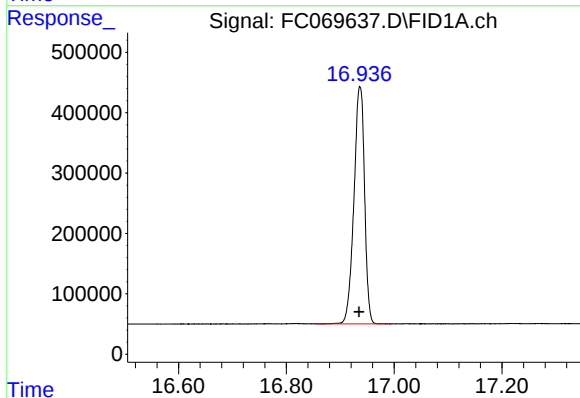
R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 5767749
Conc: 47.80 ug/ml



#15 n-Hexacosane (C26)

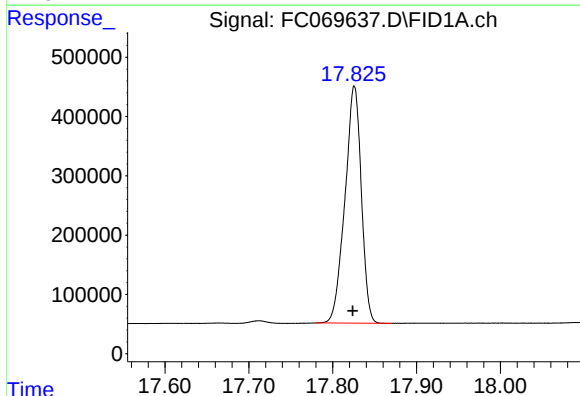
R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 5520907
Conc: 47.78 ug/ml

Instrument :
FID_C
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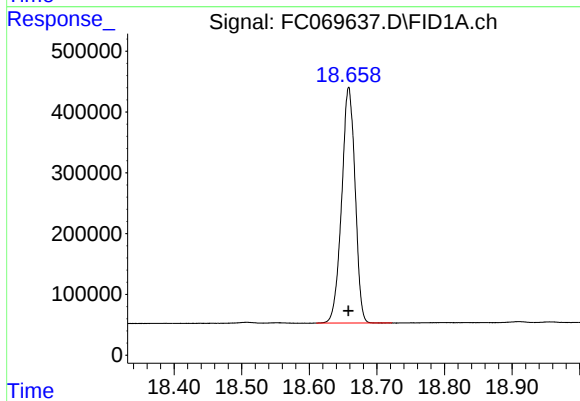
#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: 0.001 min
Response: 5365368
Conc: 47.87 ug/ml



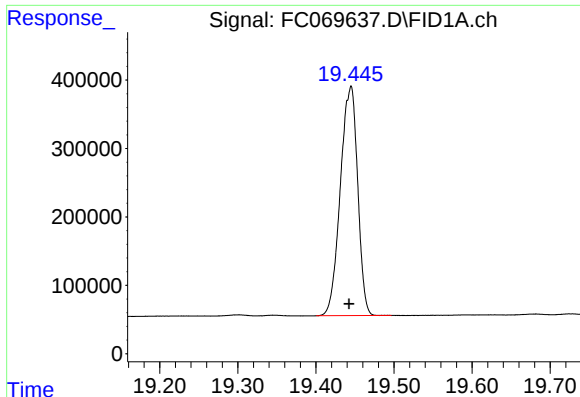
#17 n-Tricontane (C30)

R.T.: 17.826 min
Delta R.T.: 0.002 min
Response: 5416508
Conc: 47.31 ug/ml



#18 n-Dotriacontane (C32)

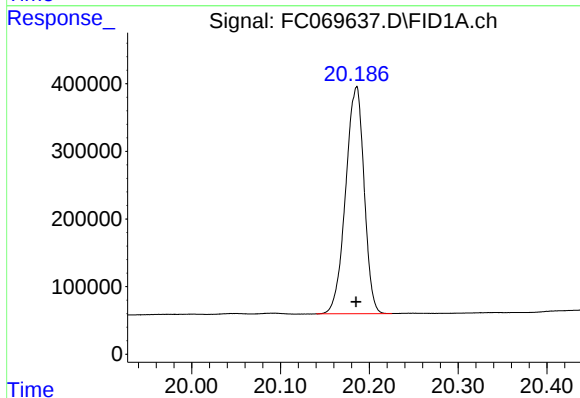
R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 5351918
Conc: 48.18 ug/ml



#19 n-Tetratriacontane (C34)

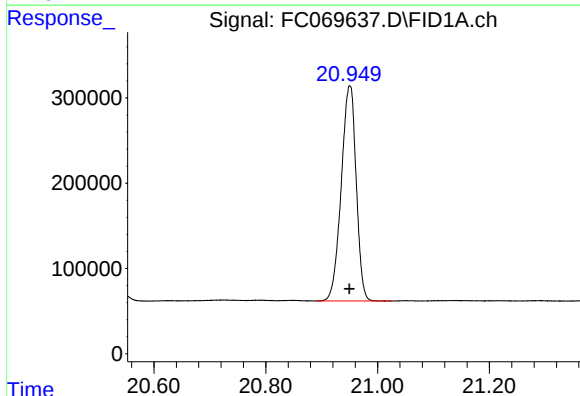
R.T.: 19.444 min
Delta R.T.: 0.002 min
Response: 5166039
Conc: 50.74 ug/ml

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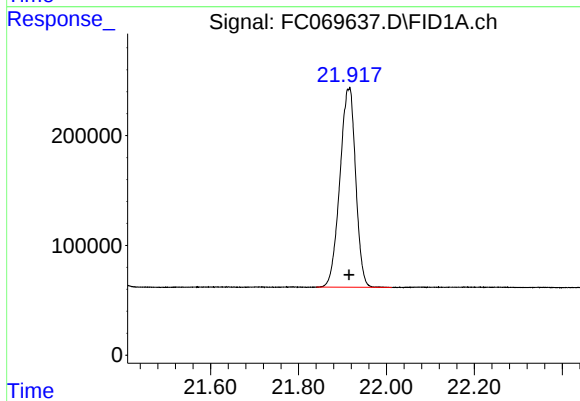
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 4857632
Conc: 54.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.001 min
Response: 4683338
Conc: 58.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 4528869
Conc: 60.48 ug/ml