

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069563.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 14:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 01 15:10:56 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			
9) S ortho-Terphenyl (SURR)	11.669	3105191	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	13.104	2286929	20.976 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.400	2855286	20.041 ug/ml
2) T n-Decane (C10)	4.473	2929618	20.151 ug/ml
3) T A~Naphthalene (C11.7)	6.069	3158669	20.357 ug/ml
4) T n-Dodecane (C12)	6.498	2937597	20.095 ug/ml
5) T A~2-methylnaphthalene...	7.129	3013832	20.464 ug/ml
6) T n-Tetradecane (C14)	8.298	2888977	20.244 ug/ml
7) T n-Hexadecane (C16)	9.902	2948651	20.454 ug/ml
8) T n-Octadecane (C18)	11.346	2922239	20.665 ug/ml
10) T n-Eicosane (C20)	12.658	2742899	20.822 ug/ml
11) T n-Heneicosane (C21)	13.271	2664174	20.888 ug/ml
13) T n-Docosane (C22)	13.858	2615907	20.941 ug/ml
14) T n-Tetracosane (C24)	14.963	2528973	20.957 ug/ml
15) T n-Hexacosane (C26)	15.987	2413151	20.884 ug/ml
16) T n-Octacosane (C28)	16.937	2329648	20.784 ug/ml
17) T n-Tricontane (C30)	17.826	2357945	20.594 ug/ml
18) T n-Dotriacontane (C32)	18.659	2285649	20.576 ug/ml
19) T n-Tetratriacontane (C34)	19.445	2091381	20.539 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1824700	20.464 ug/ml
21) T n-Octatriacontane (C38)	20.951	1652539	20.543 ug/ml
22) T n-Tetracontane (C40)	21.914	1550924	20.712 ug/ml

(f)=RT Delta > 1/2 Window

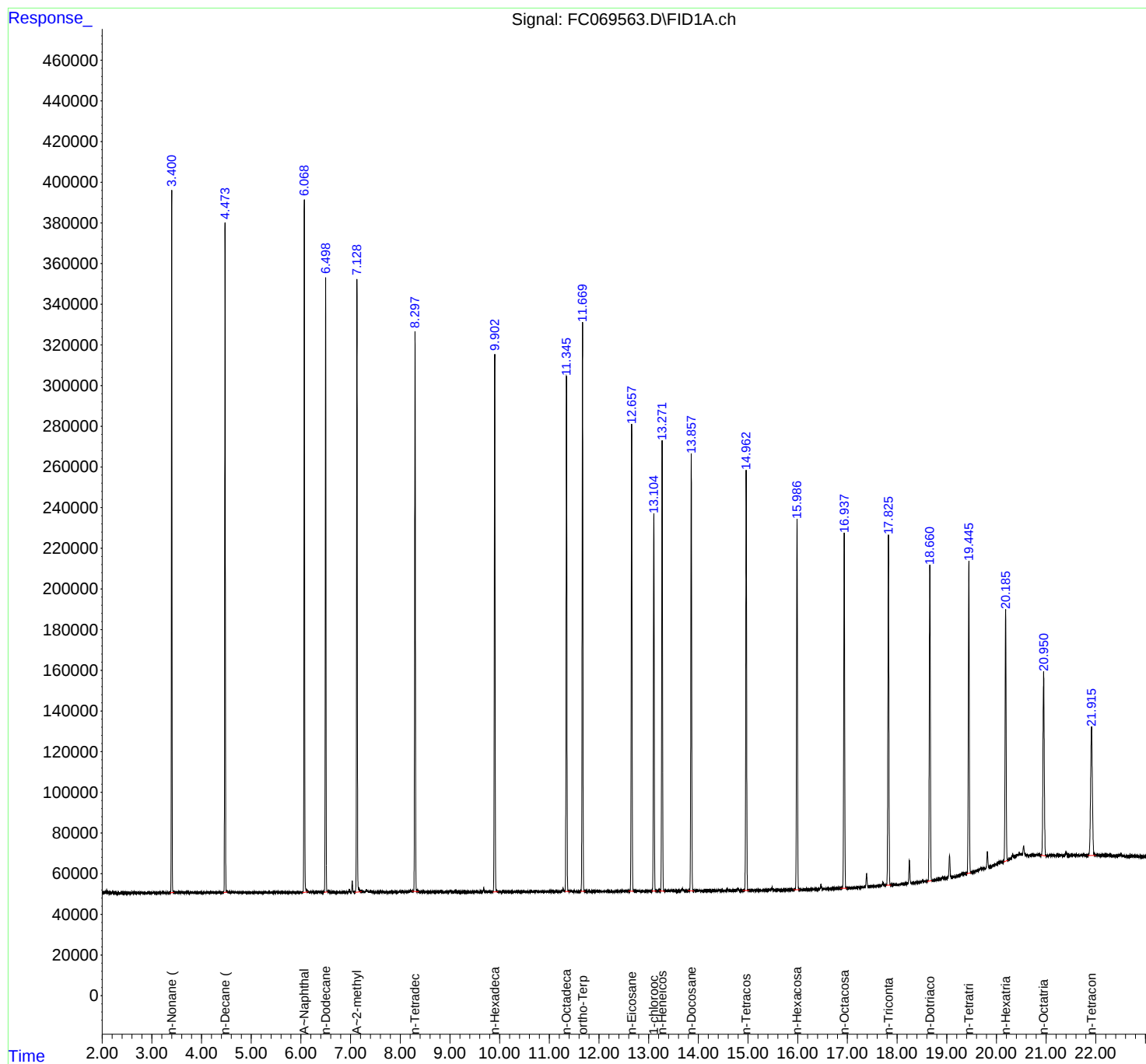
(m)=manual int.

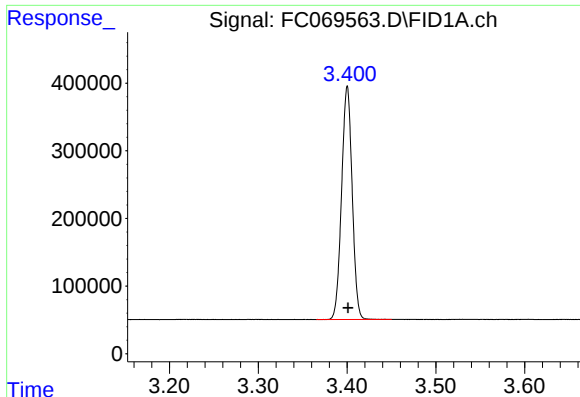
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#1 n-Nonane (C9)

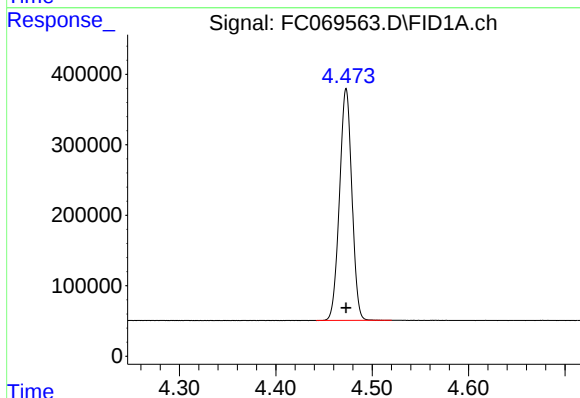
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2855286
Conc: 20.04 ug/ml

Instrument :

FID_C

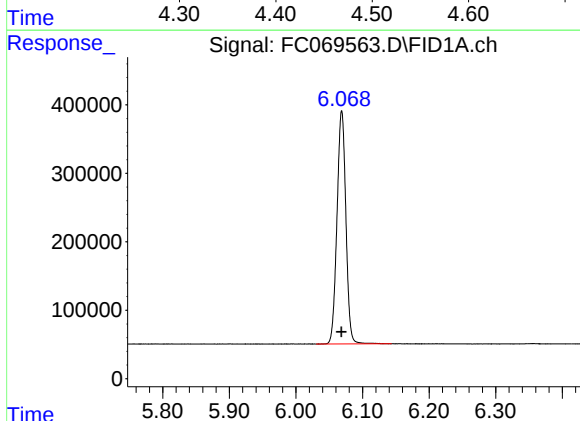
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



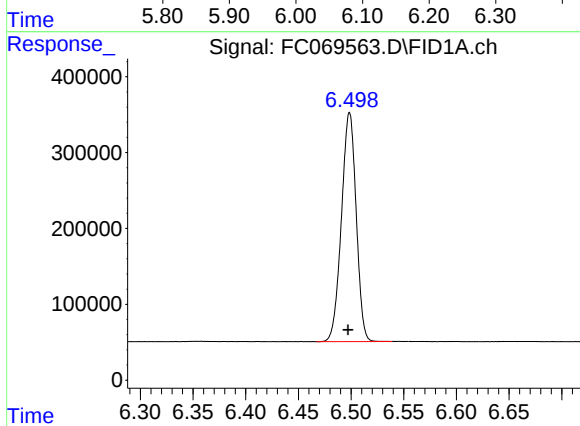
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2929618
Conc: 20.15 ug/ml



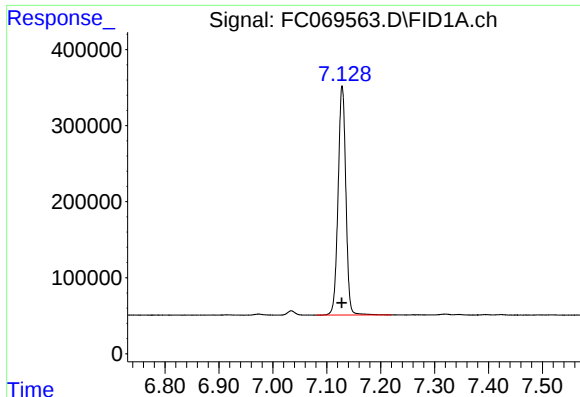
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3158669
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: 0.001 min
Response: 2937597
Conc: 20.10 ug/ml



#5 A~2-methylnaphthalene (C12.89)

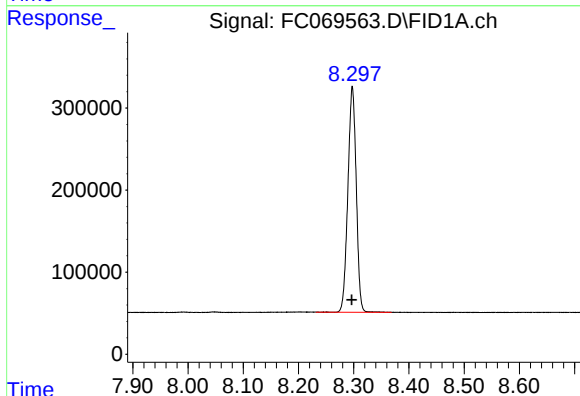
R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 3013832
Conc: 20.46 ug/ml

Instrument :

FID_C

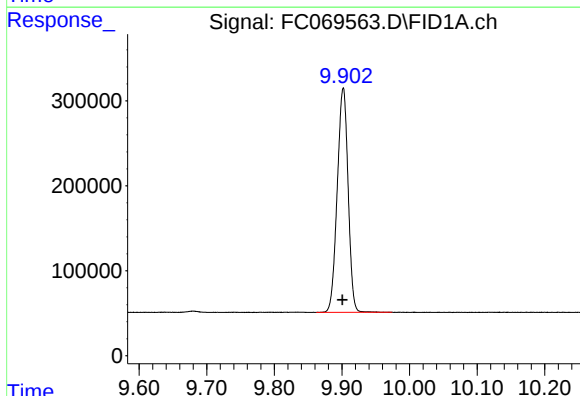
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



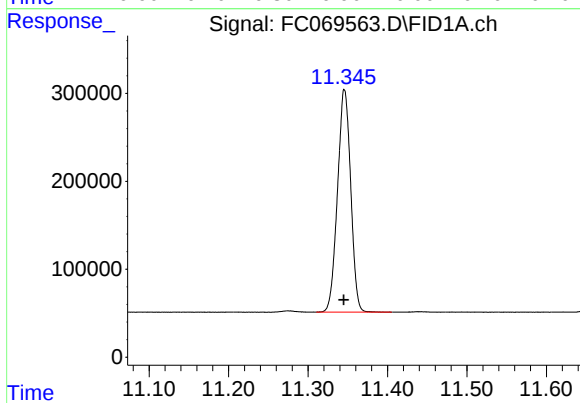
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.001 min
Response: 2888977
Conc: 20.24 ug/ml



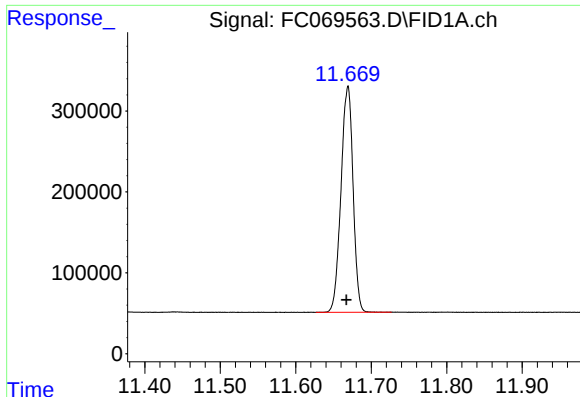
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 2948651
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

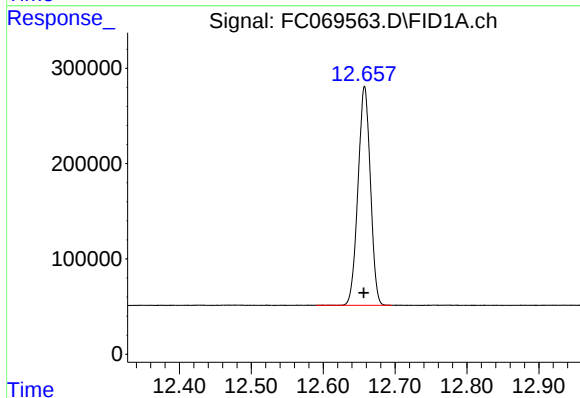
R.T.: 11.346 min
Delta R.T.: 0.001 min
Response: 2922239
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

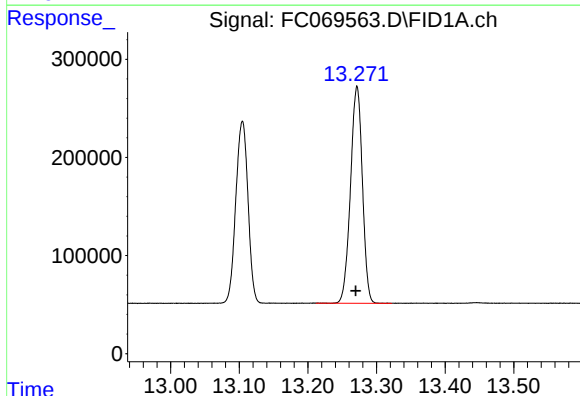
R.T.: 11.669 min
Delta R.T.: 0.002 min
Response: 3105191
Conc: 20.81 ug/ml

Instrument :
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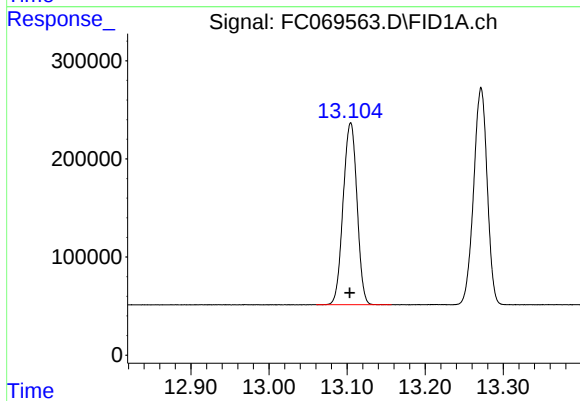
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.001 min
Response: 2742899
Conc: 20.82 ug/ml



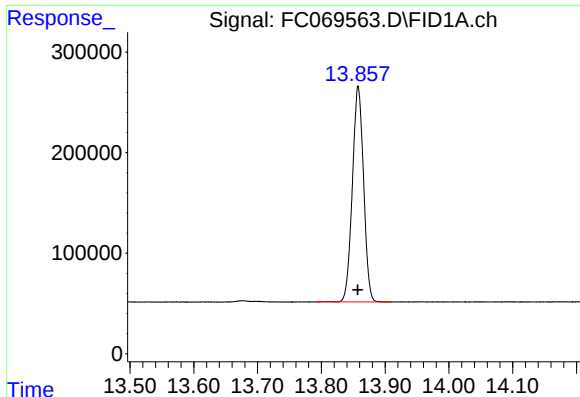
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2664174
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

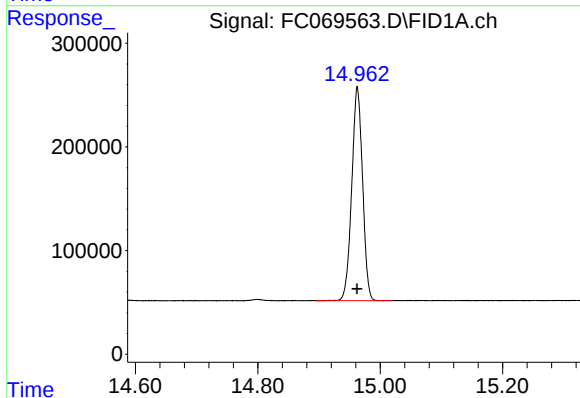
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2286929
Conc: 20.98 ug/ml



#13 n-Docosane (C22)

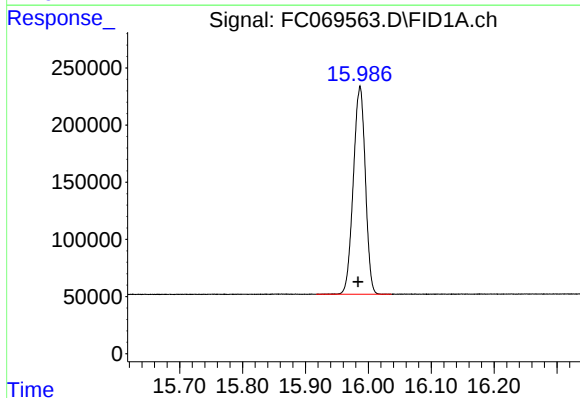
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 2615907
Conc: 20.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



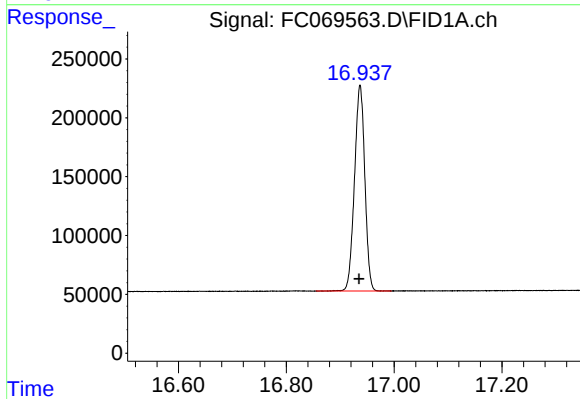
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.000 min
Response: 2528973
Conc: 20.96 ug/ml



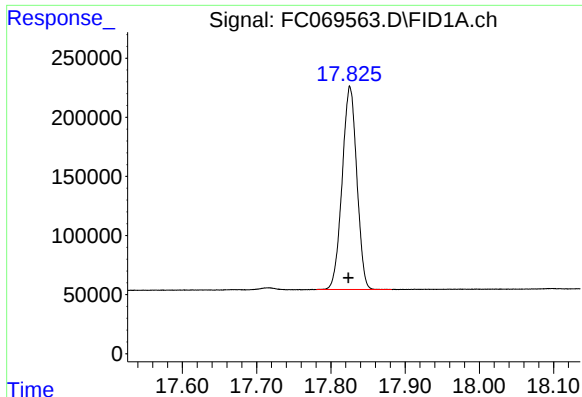
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.003 min
Response: 2413151
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

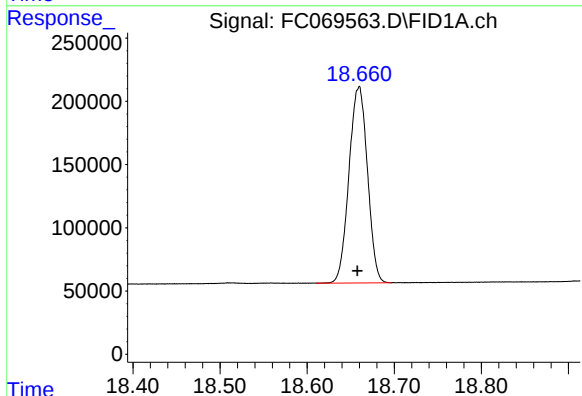
R.T.: 16.937 min
Delta R.T.: 0.002 min
Response: 2329648
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

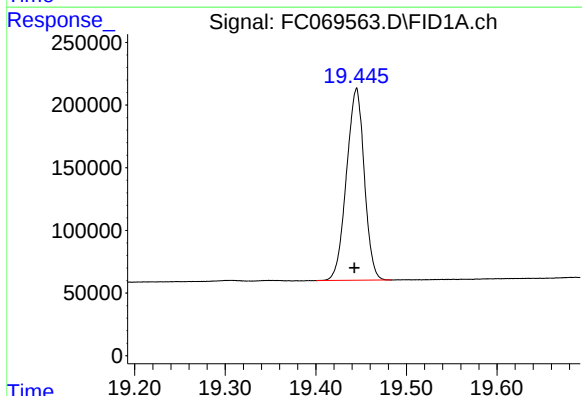
R.T.: 17.826 min
Delta R.T.: 0.002 min
Response: 2357945
Conc: 20.59 ug/ml

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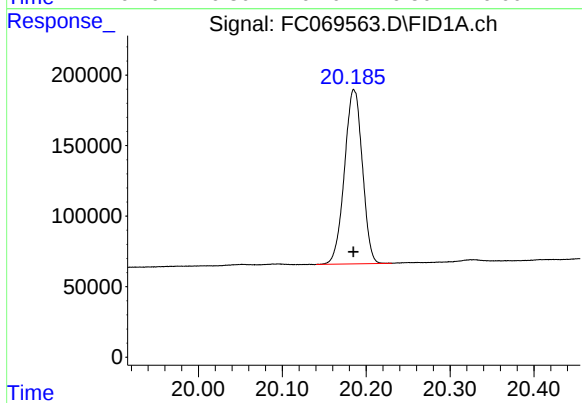
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.002 min
Response: 2285649
Conc: 20.58 ug/ml



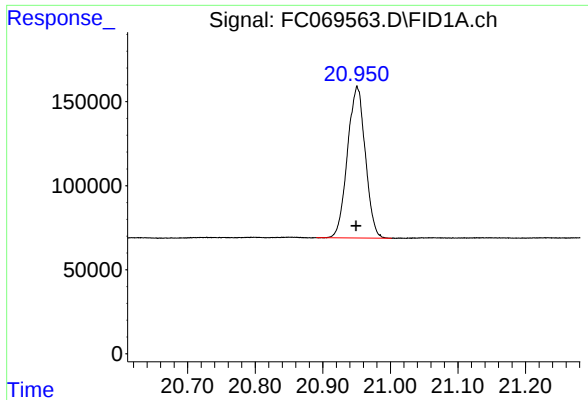
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.002 min
Response: 2091381
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

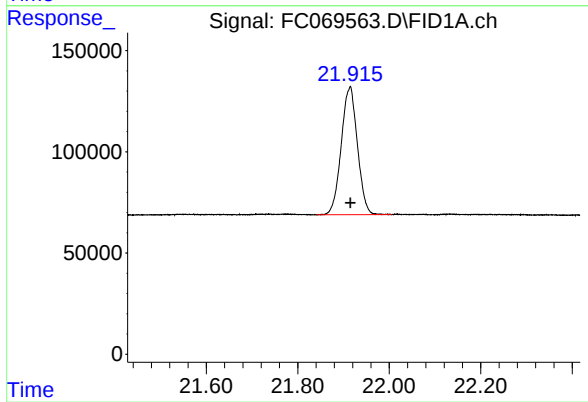
R.T.: 20.186 min
Delta R.T.: 0.000 min
Response: 1824700
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.002 min
Response: 1652539
Conc: 20.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.001 min
Response: 1550924
Conc: 20.71 ug/ml