

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040825AL\
 Data File : FC068512.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 11:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 04:13:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 16:09:59 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)	11.722	2657931	20.612 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.155	1936213	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.449	2310190	20.732 ug/ml
2) T n-Decane (C10)	4.525	2388705	20.514 ug/ml
3) T A~Naphthalene (C11.7)	6.124	2625395	20.992 ug/ml
4) T n-Dodecane (C12)	6.552	2523877	22.317 ug/ml
5) T A~2-methylnaphthalene...	7.183	2551206	21.319 ug/ml
6) T n-Tetradecane (C14)	8.351	2328274	20.862 ug/ml
7) T n-Hexadecane (C16)	9.953	2351255	20.566 ug/ml
8) T n-Octadecane (C18)	11.398	2323755	20.267 ug/ml
10) T n-Eicosane (C20)	12.708	2204348	20.151 ug/ml
11) T n-Heneicosane (C21)	13.321	2158450	20.237 ug/ml
13) T n-Docosane (C22)	13.908	2153579	19.947 ug/ml
14) T n-Tetracosane (C24)	15.013	2160259	19.379 ug/ml
15) T n-Hexacosane (C26)	16.035	2147691	19.310 ug/ml
16) T n-Octacosane (C28)	16.985	2161974	19.526 ug/ml
17) T n-Tricontane (C30)	17.876	2283266	20.655 ug/ml
18) T n-Dotriacontane (C32)	18.710	2240146	21.520 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1927031	21.460 ug/ml
20) T n-Hexatriacontane (C36)	20.235	1422135	18.997 ug/ml
21) T n-Octatriacontane (C38)	21.012	1032061	16.508 ug/ml
22) T n-Tetracontane (C40)	21.993	857533	18.355 ug/ml

(f)=RT Delta > 1/2 Window

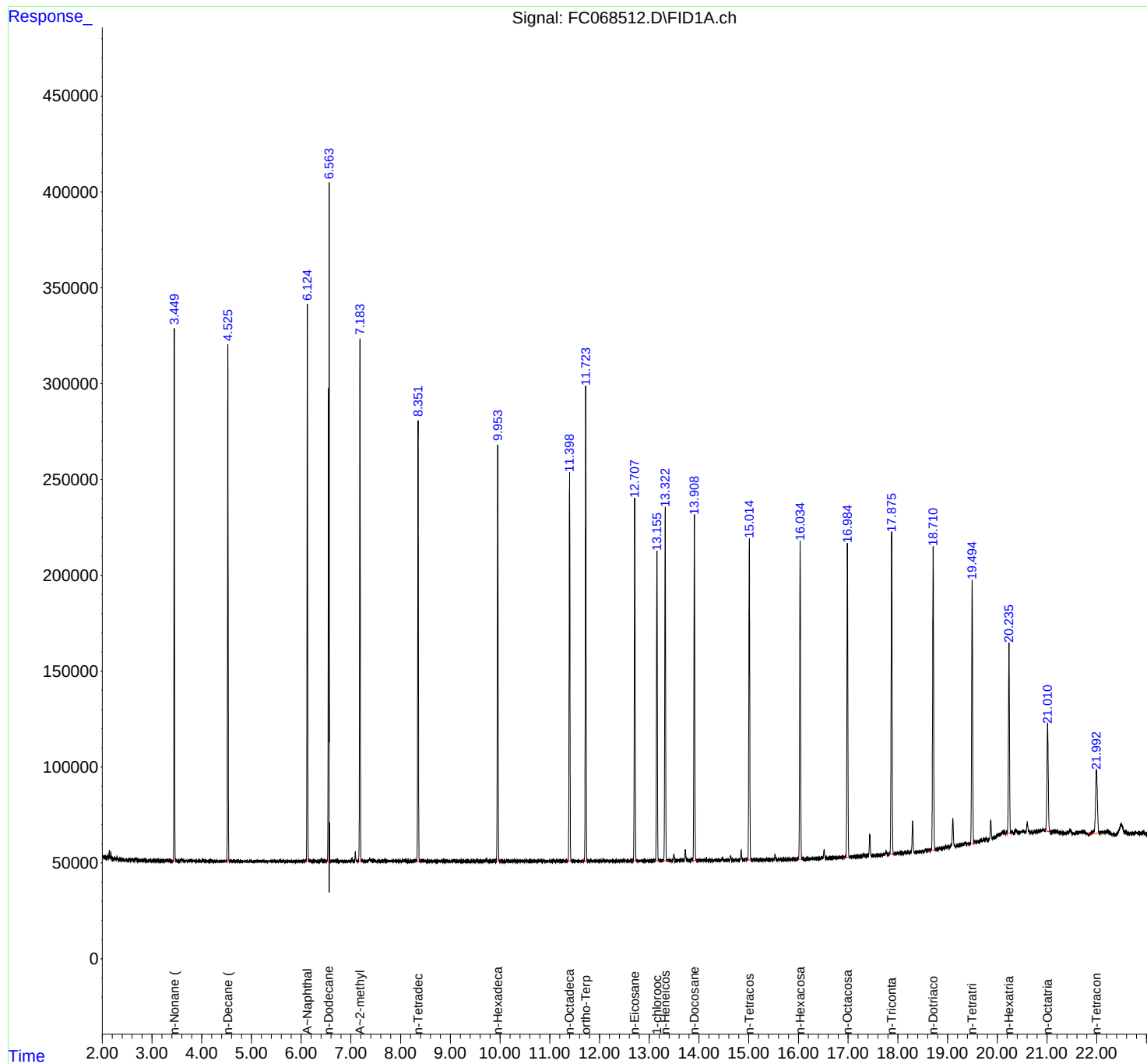
(m)=manual int.

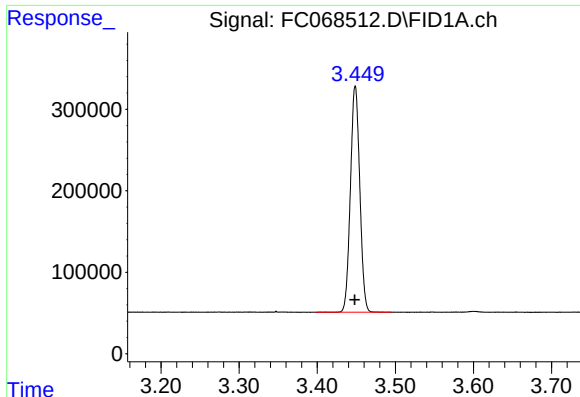
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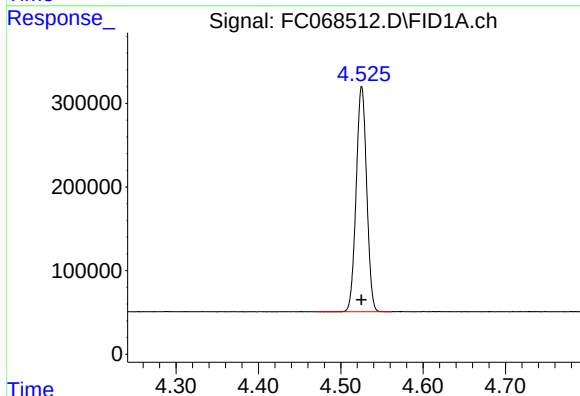




#1 n-Nonane (C9)

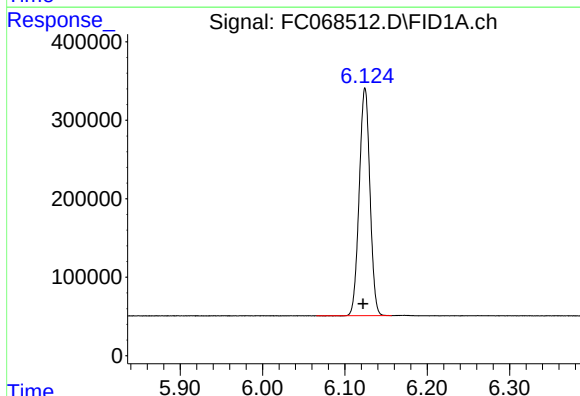
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 2310190
Conc: 20.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



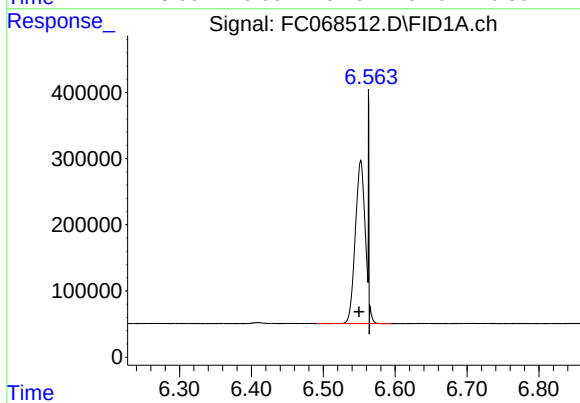
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2388705
Conc: 20.51 ug/ml



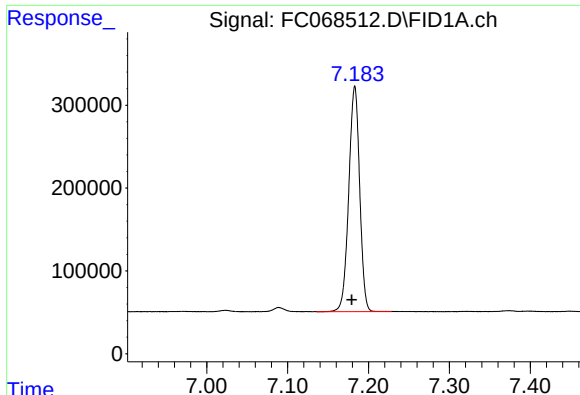
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 2625395
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

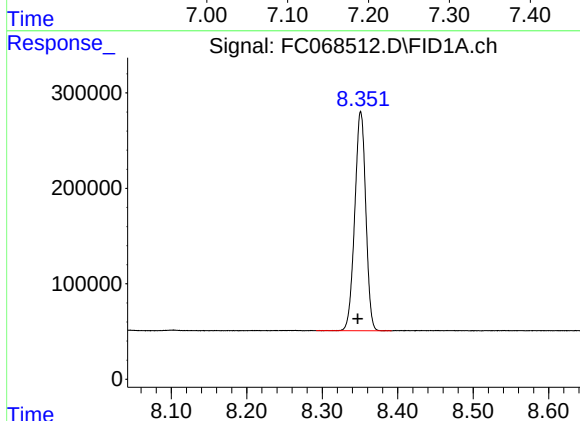
R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 2523877
Conc: 22.32 ug/ml



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

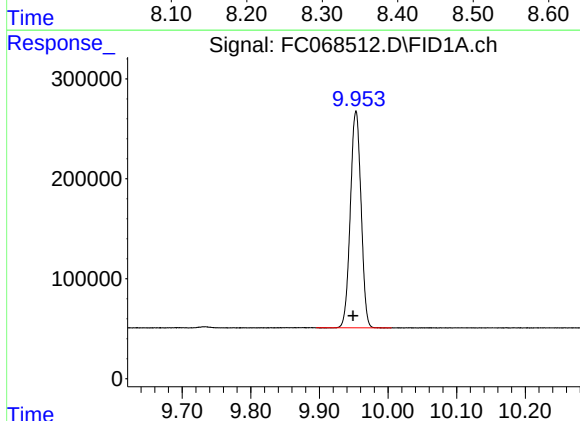
R.T.: 7.183 min
Delta R.T.: 0.004 min
Response: 2551206
Conc: 21.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



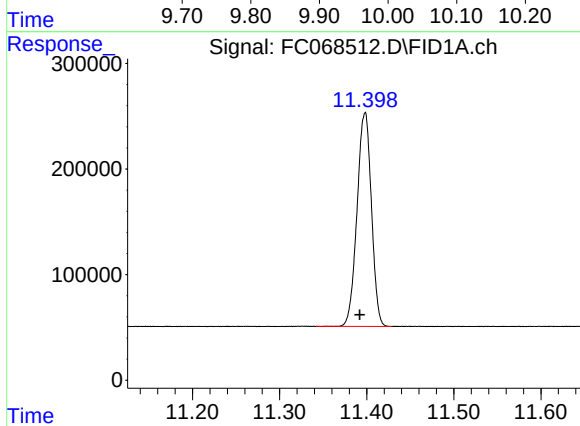
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.004 min
Response: 2328274
Conc: 20.86 ug/ml



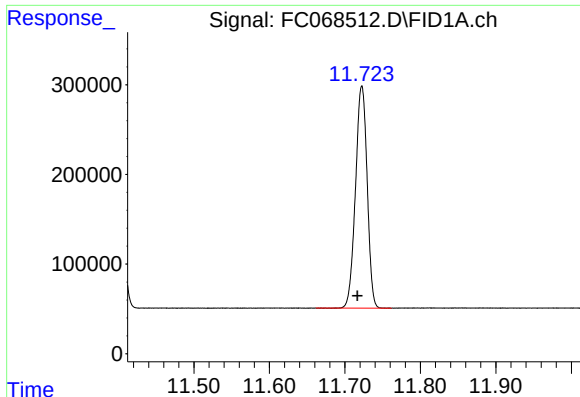
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.004 min
Response: 2351255
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

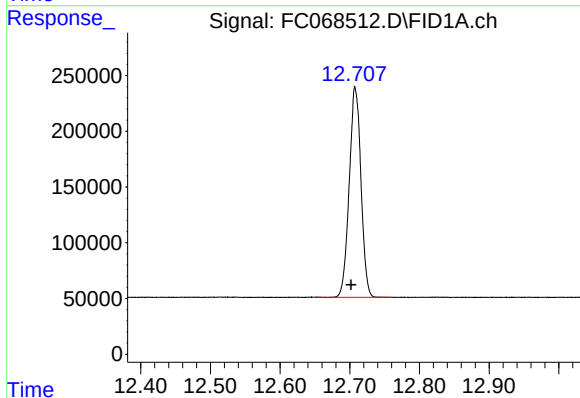
R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 2323755
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

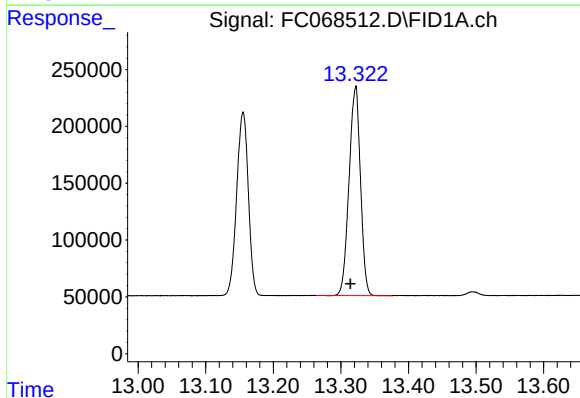
R.T.: 11.722 min
Delta R.T.: 0.006 min
Response: 2657931
Conc: 20.61 ug/ml

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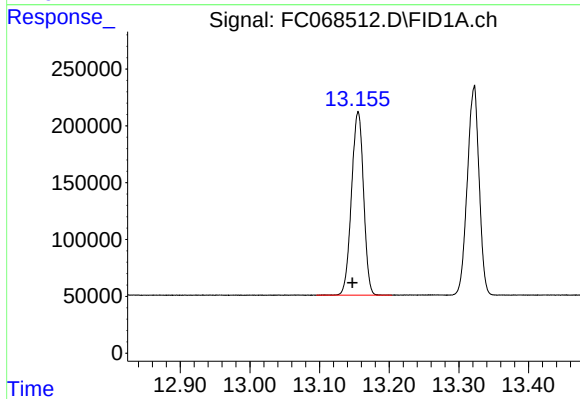
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.006 min
Response: 2204348
Conc: 20.15 ug/ml



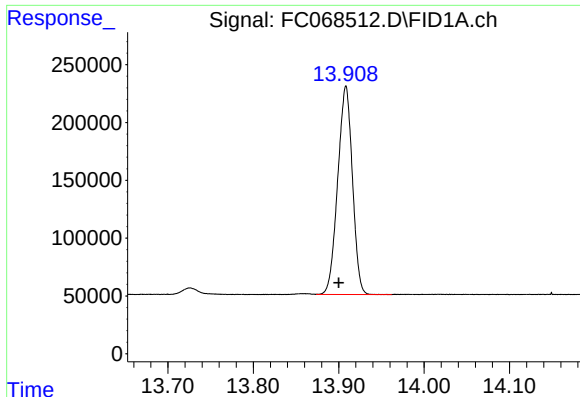
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.007 min
Response: 2158450
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

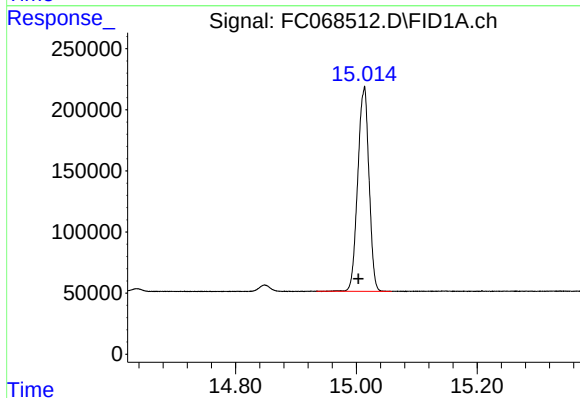
R.T.: 13.155 min
Delta R.T.: 0.008 min
Response: 1936213
Conc: 21.05 ug/ml



#13 n-Docosane (C22)

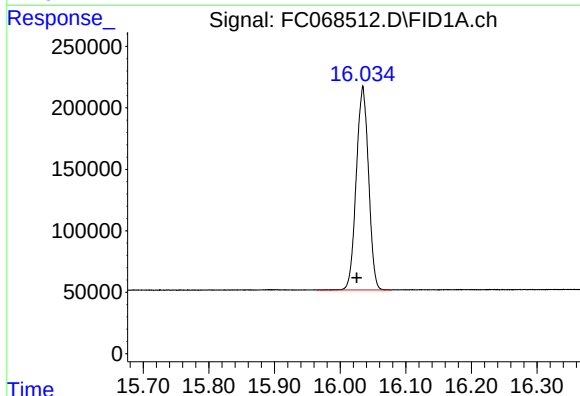
R.T.: 13.908 min
Delta R.T.: 0.008 min
Response: 2153579
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



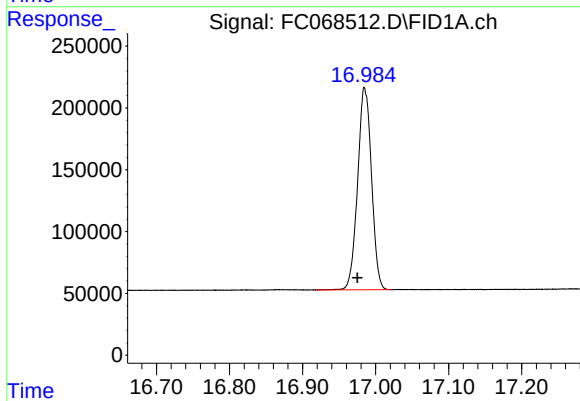
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.009 min
Response: 2160259
Conc: 19.38 ug/ml



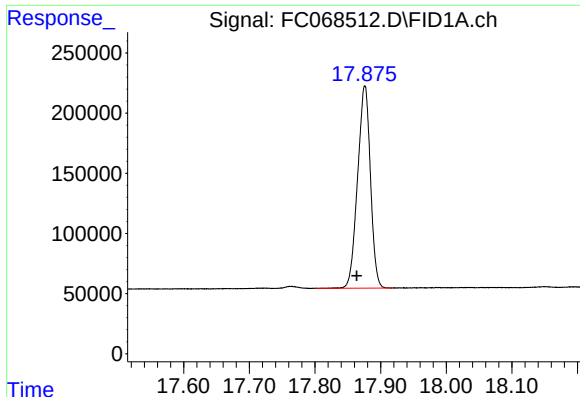
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.009 min
Response: 2147691
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

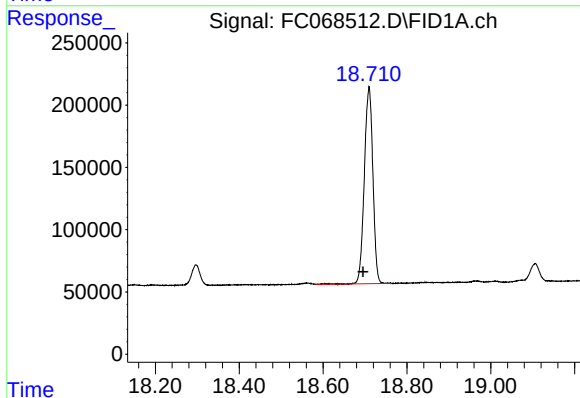
R.T.: 16.985 min
Delta R.T.: 0.010 min
Response: 2161974
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

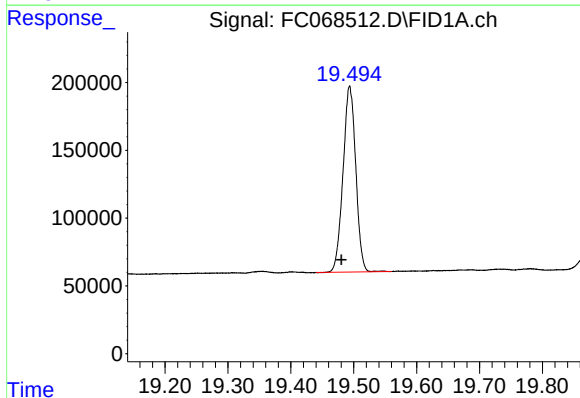
R.T.: 17.876 min
Delta R.T.: 0.012 min
Response: 2283266
Conc: 20.65 ug/ml

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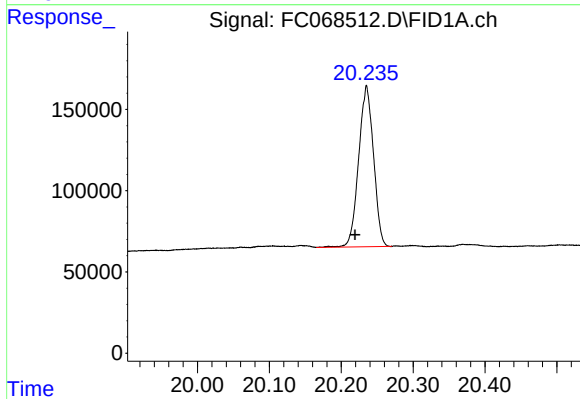
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.014 min
Response: 2240146
Conc: 21.52 ug/ml



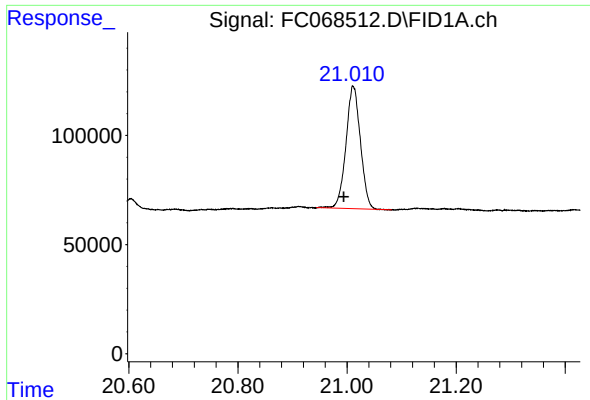
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.013 min
Response: 1927031
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

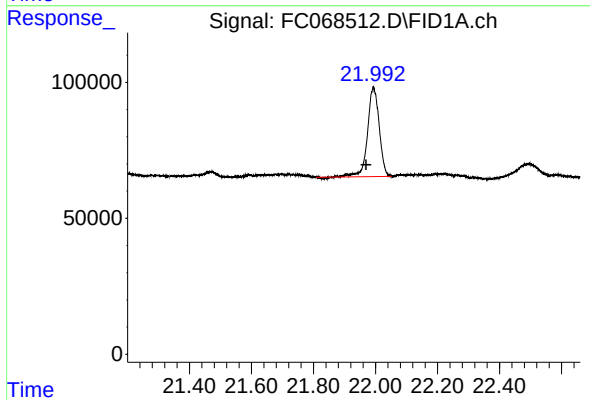
R.T.: 20.235 min
Delta R.T.: 0.016 min
Response: 1422135
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.017 min
Response: 1032061
Conc: 16.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.024 min
Response: 857533
Conc: 18.35 ug/ml