

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068667.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 21:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 22 01:29:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.719	2375337	18.654 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	13.152	1774767	19.105 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.446	2084218	19.789 ug/ml
2) T n-Decane (C10)	4.523	2148906	20.396 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2370254	20.352 ug/ml
4) T n-Dodecane (C12)	6.549	2126735	20.223 ug/ml
5) T A~2-methylnaphthalene...	7.180	2272420	19.675 ug/ml
6) T n-Tetradecane (C14)	8.347	2073804	20.172 ug/ml
7) T n-Hexadecane (C16)	9.950	2108960	20.708 ug/ml
8) T n-Octadecane (C18)	11.394	2112916	20.996 ug/ml
10) T n-Eicosane (C20)	12.706	2027739	20.615 ug/ml
11) T n-Heneicosane (C21)	13.318	1996801	20.489 ug/ml
13) T n-Docosane (C22)	13.906	1997302	20.677 ug/ml
14) T n-Tetracosane (C24)	15.010	1999426	21.006 ug/ml
15) T n-Hexacosane (C26)	16.034	1985795	21.260 ug/ml
16) T n-Octacosane (C28)	16.985	2028665	22.157 ug/ml
17) T n-Tricontane (C30)	17.874	2191380	23.837 ug/ml
18) T n-Dotriacontane (C32)	18.710	2201636	24.002 ug/ml
19) T n-Tetratriacontane (C34)	19.495	2048030	22.924 ug/ml
20) T n-Hexatriacontane (C36)	20.236	1815011	20.262 ug/ml
21) T n-Octatriacontane (C38)	21.013	2151811	24.338 ug/ml
22) T n-Tetracontane (C40)	21.997	1714346	19.414 ug/ml

(f)=RT Delta > 1/2 Window

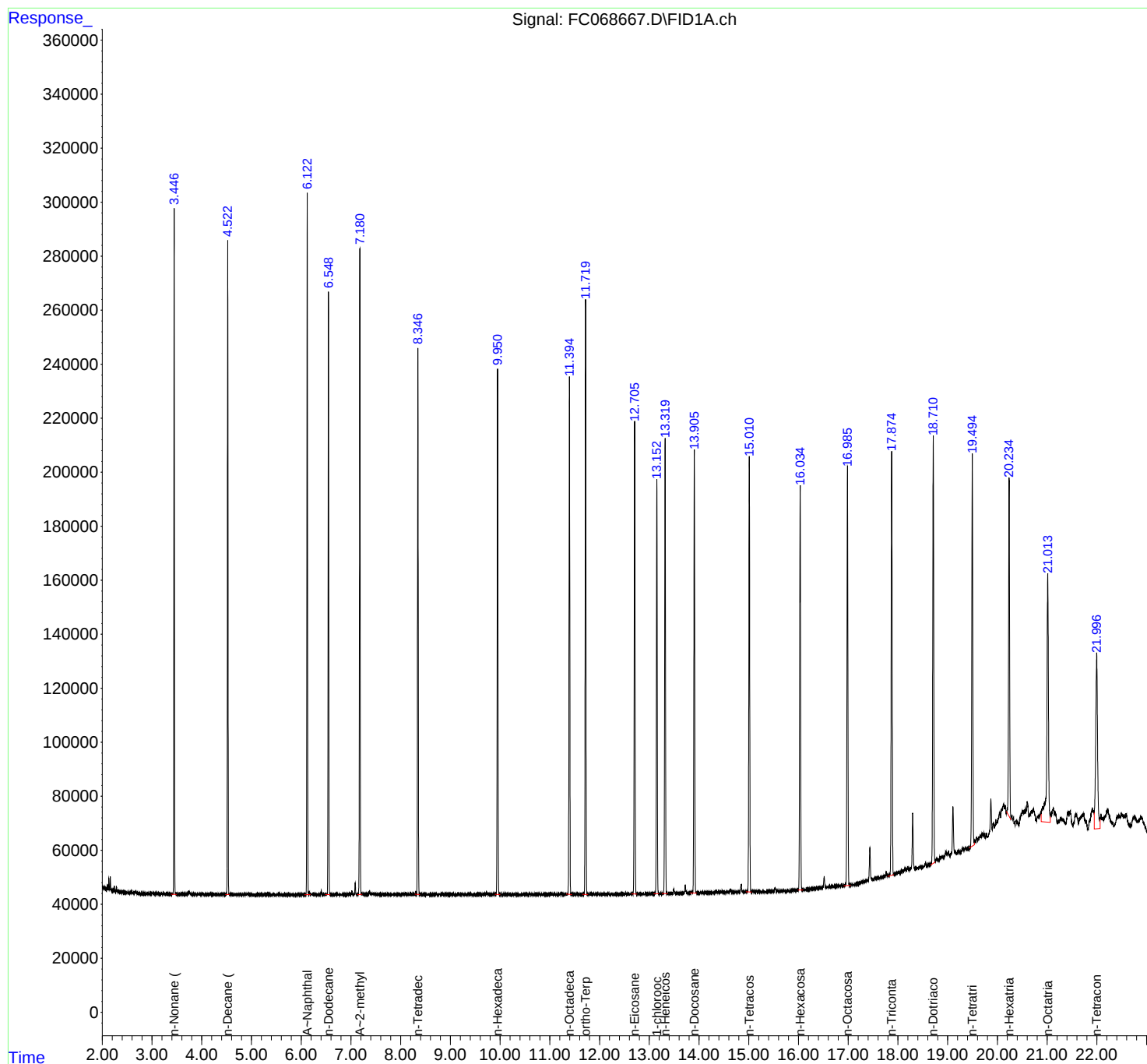
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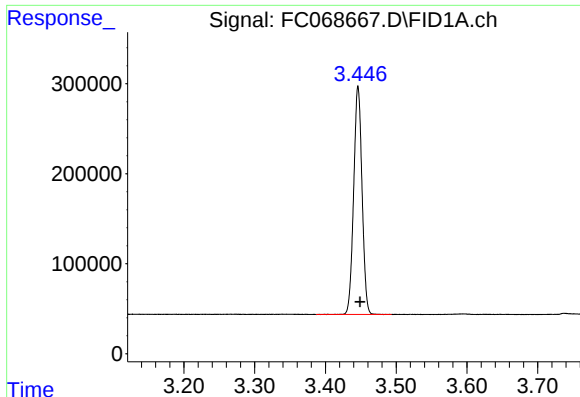
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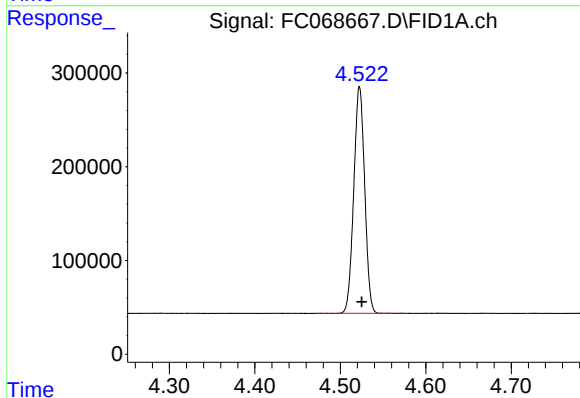




#1 n-Nonane (C9)

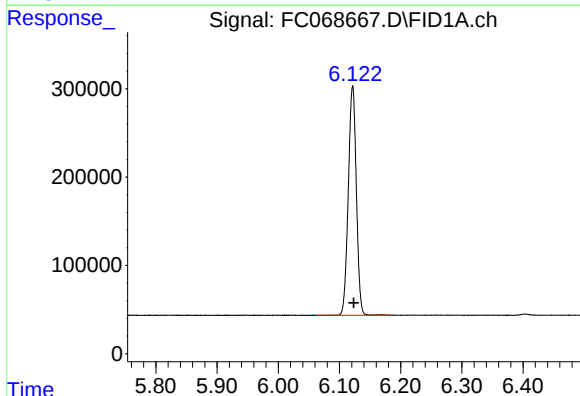
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2084218
Conc: 19.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



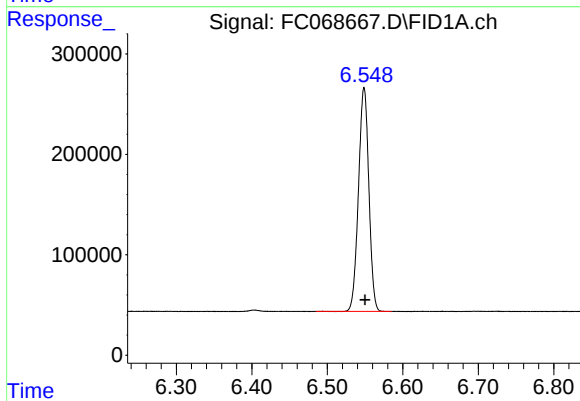
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 2148906
Conc: 20.40 ug/ml



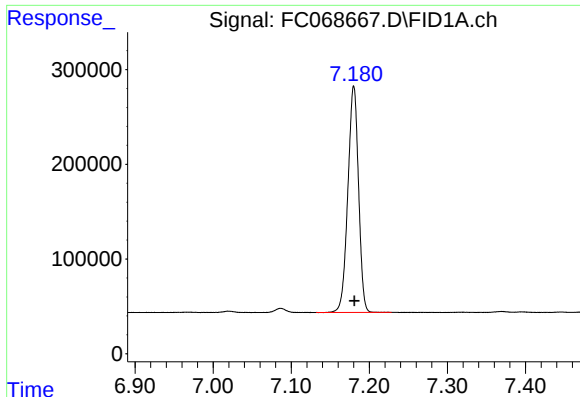
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 2370254
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

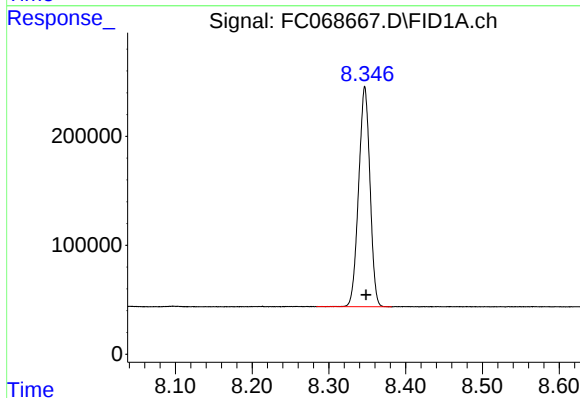
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 2126735
Conc: 20.22 ug/ml



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

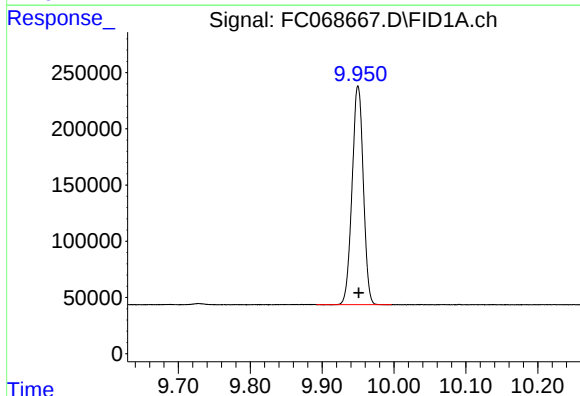
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 2272420
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



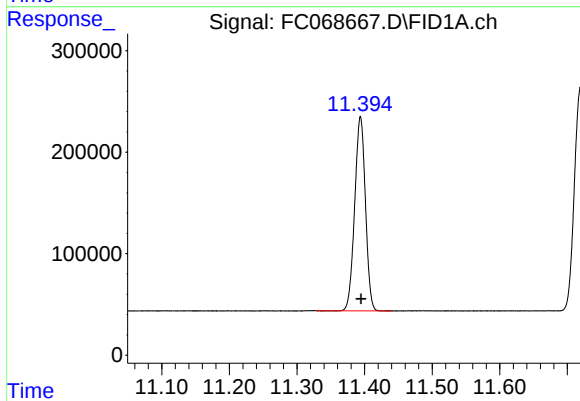
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 2073804
Conc: 20.17 ug/ml



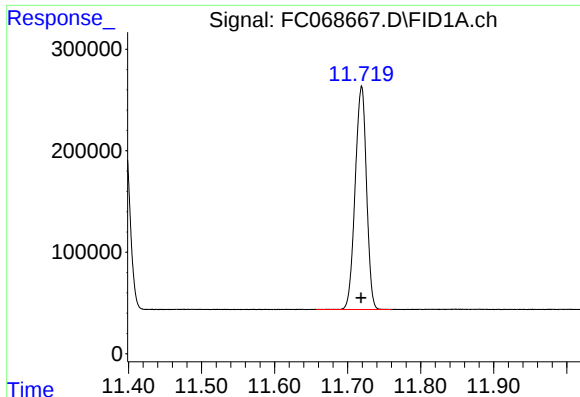
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 2108960
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

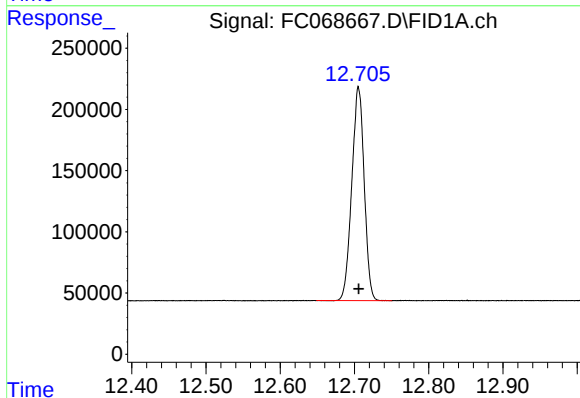
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 2112916
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

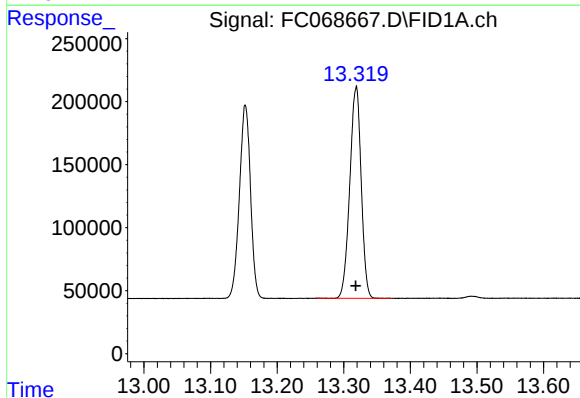
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 2375337
Conc: 18.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



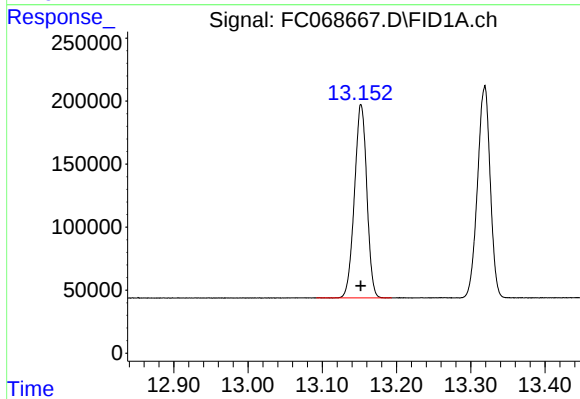
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 2027739
Conc: 20.62 ug/ml



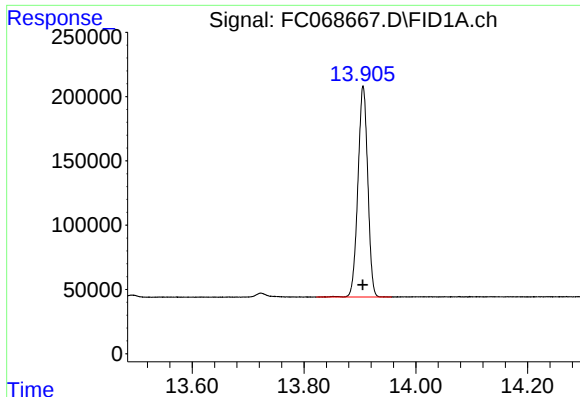
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1996801
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

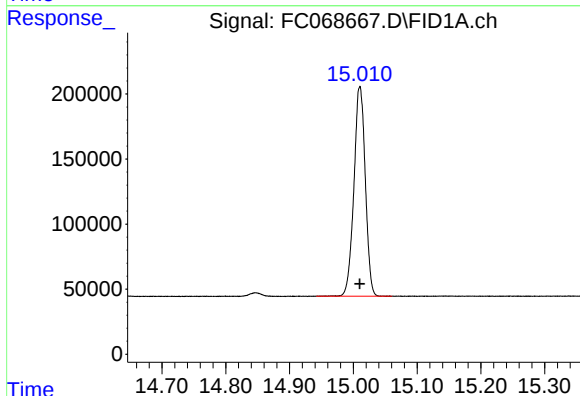
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 1774767
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

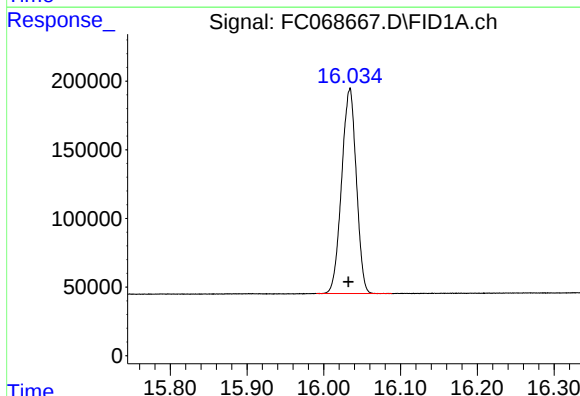
R.T.: 13.906 min
Delta R.T.: 0.000 min
Response: 1997302
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



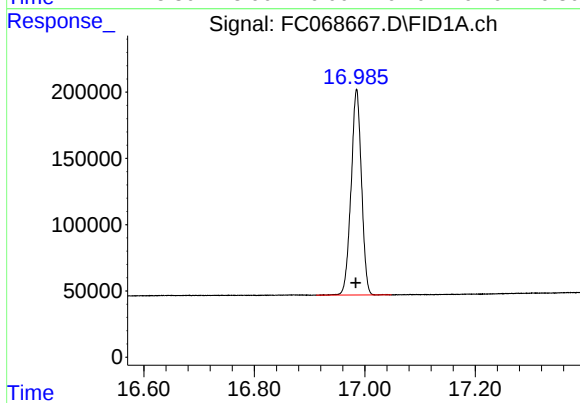
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 1999426
Conc: 21.01 ug/ml



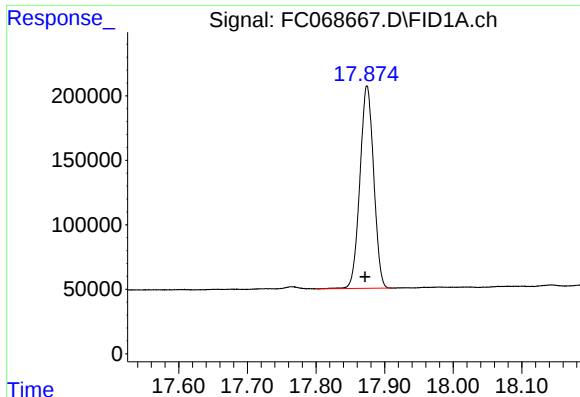
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.002 min
Response: 1985795
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

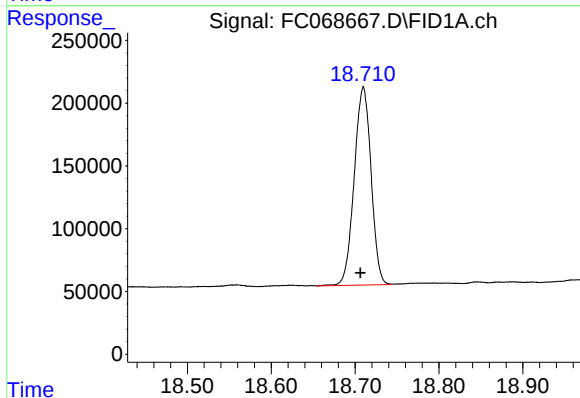
R.T.: 16.985 min
Delta R.T.: 0.002 min
Response: 2028665
Conc: 22.16 ug/ml



#17 n-Tricontane (C30)

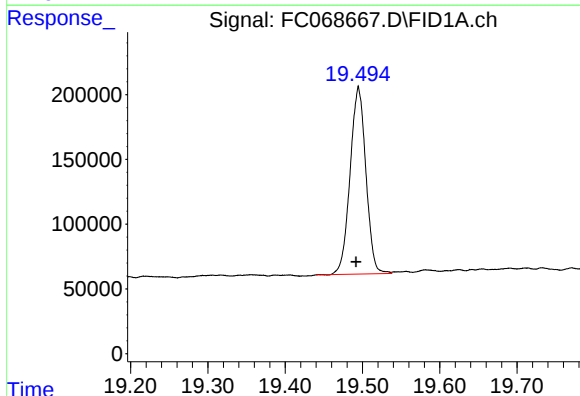
R.T.: 17.874 min
Delta R.T.: 0.003 min
Response: 2191380
Conc: 23.84 ug/ml

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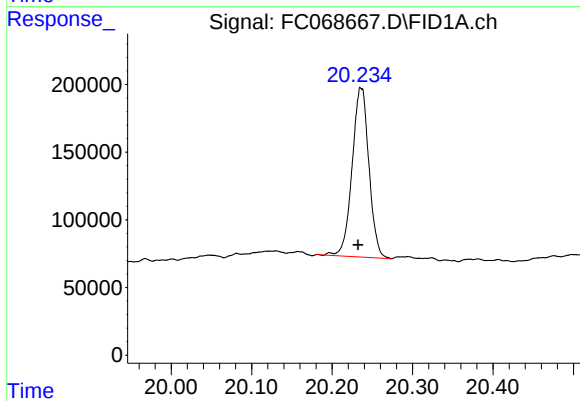
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 2201636
Conc: 24.00 ug/ml



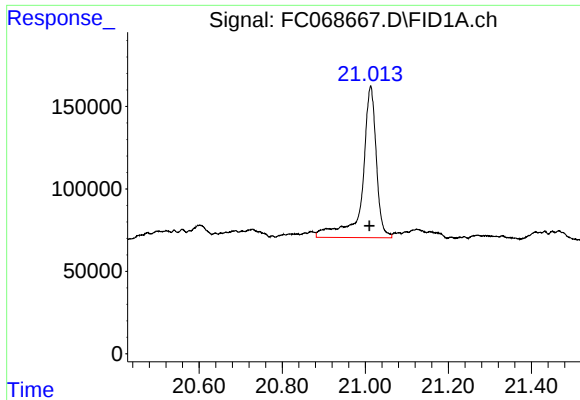
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 2048030
Conc: 22.92 ug/ml



#20 n-Hexatriacontane (C36)

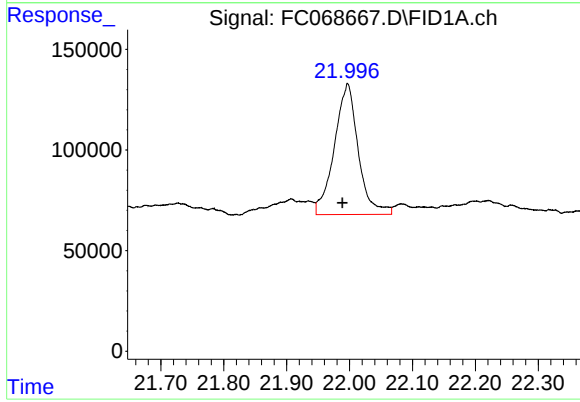
R.T.: 20.236 min
Delta R.T.: 0.004 min
Response: 1815011
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.003 min
Response: 2151811
Conc: 24.34 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.008 min
Response: 1714346
Conc: 19.41 ug/ml