

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062525AL\
 Data File : FG016133.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 13:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 26 04:14:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.092	2697828	20.909 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	13.534	2100603	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T n-Nonane (C9)	3.418	2237991	20.684 ug/ml
2) T n-Decane (C10)	4.677	2282011	20.804 ug/ml
3) T A~Naphthalene (C11.7)	6.393	2493057	20.866 ug/ml
4) T n-Dodecane (C12)	6.856	2300758	20.895 ug/ml
5) T A~2-methylnaphthalene...	7.495	2432631	20.915 ug/ml
6) T n-Tetradecane (C14)	8.695	2307835	21.015 ug/ml
7) T n-Hexadecane (C16)	10.313	2383251	20.937 ug/ml
8) T n-Octadecane (C18)	11.766	2431501	20.886 ug/ml
10) T n-Eicosane (C20)	13.086	2379137	20.904 ug/ml
11) T n-Heneicosane (C21)	13.702	2363317	20.875 ug/ml
13) T n-Docosane (C22)	14.292	2373427	20.878 ug/ml
14) T n-Tetracosane (C24)	15.402	2407076	20.875 ug/ml
15) T n-Hexacosane (C26)	16.429	2401055	20.865 ug/ml
16) T n-Octacosane (C28)	17.384	2367670	20.862 ug/ml
17) T n-Tricontane (C30)	18.276	2402158	20.981 ug/ml
18) T n-Dotriacontane (C32)	19.114	2278492	20.898 ug/ml
19) T n-Tetratriacontane (C34)	19.900	2030717	20.526 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1724350	20.315 ug/ml
21) T n-Octatriacontane (C38)	21.431	1534166	20.322 ug/ml
22) T n-Tetracontane (C40)	22.431	1425796	20.619 ug/ml

(f)=RT Delta > 1/2 Window

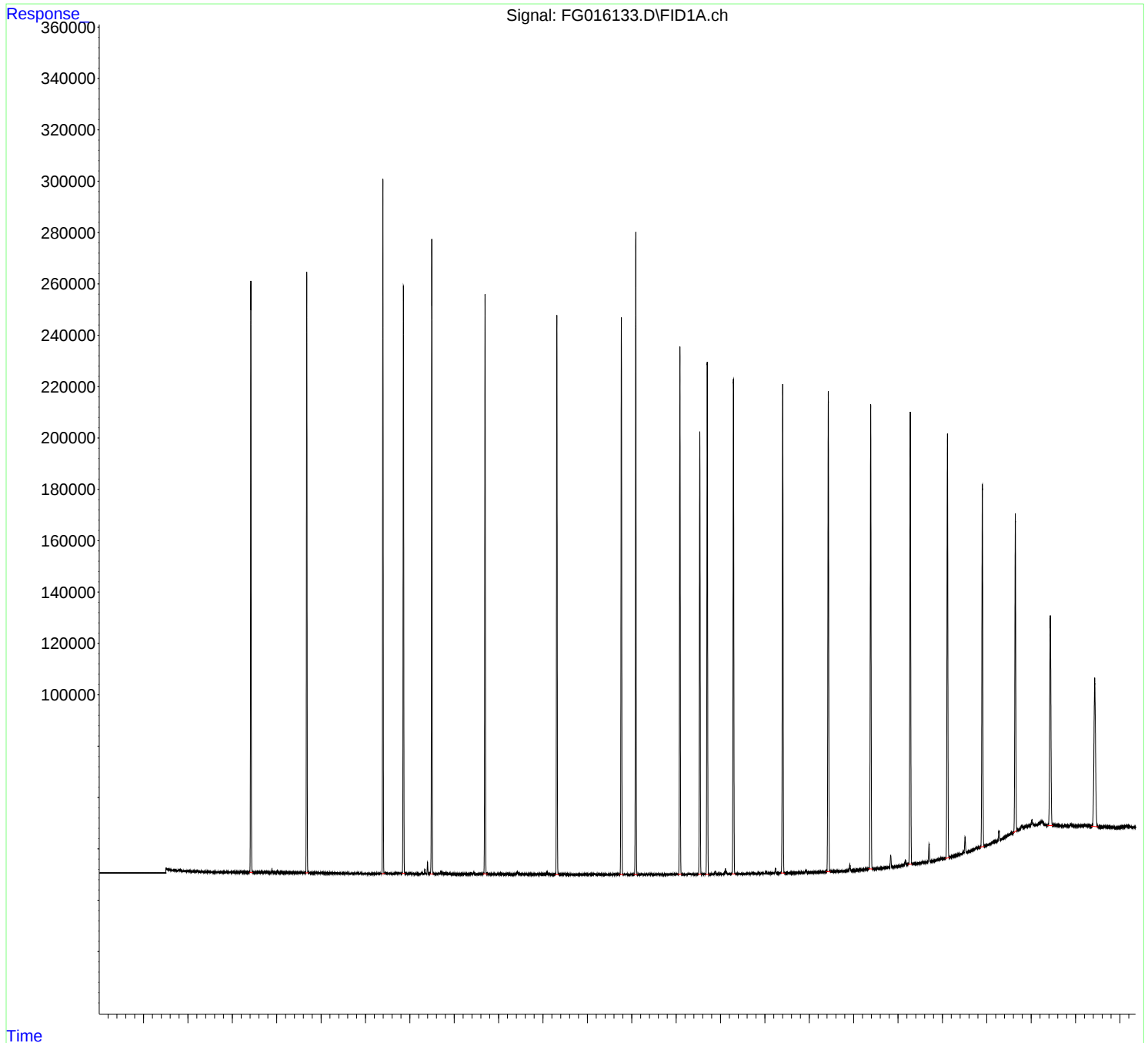
(m)=manual int.

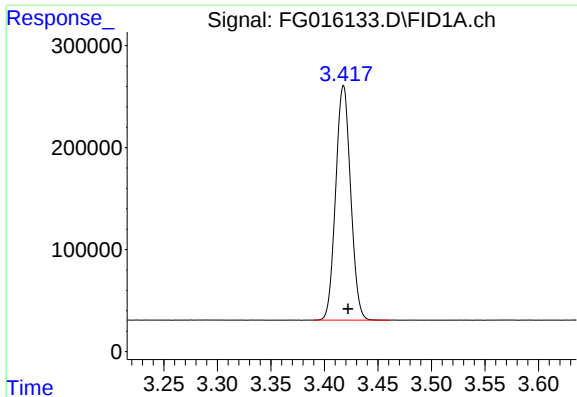
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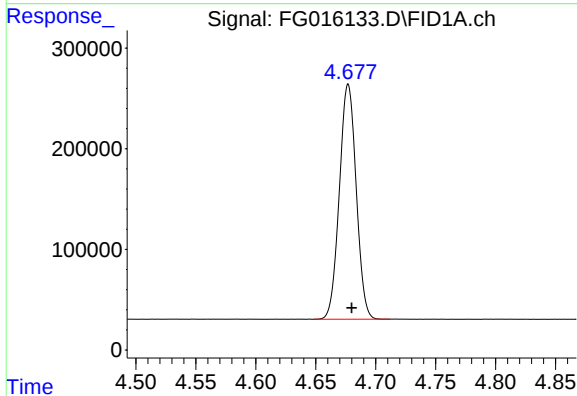




#1 n-Nonane (C9)

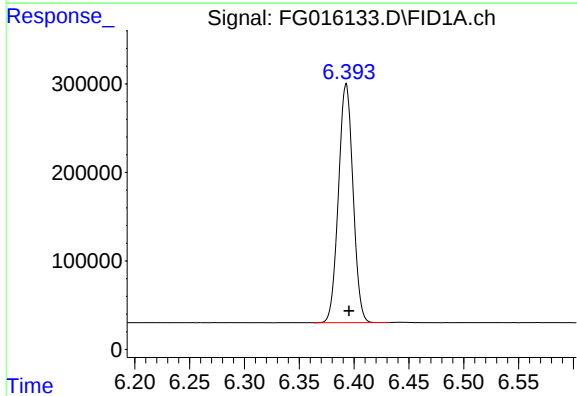
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2237991
Conc: 20.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



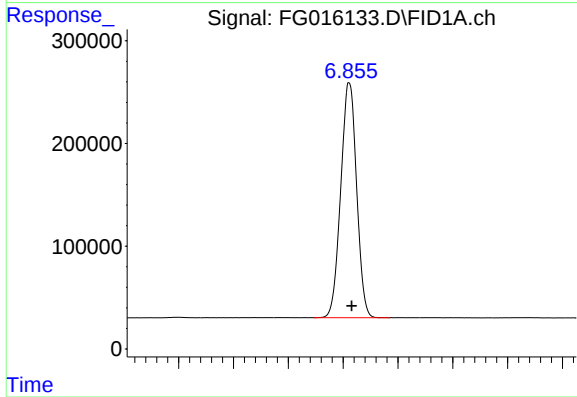
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2282011
Conc: 20.80 ug/ml



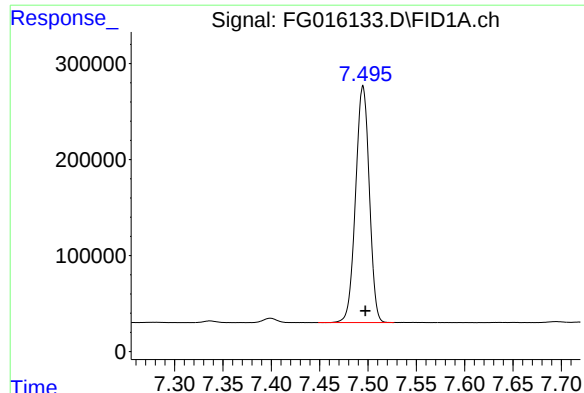
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 2493057
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

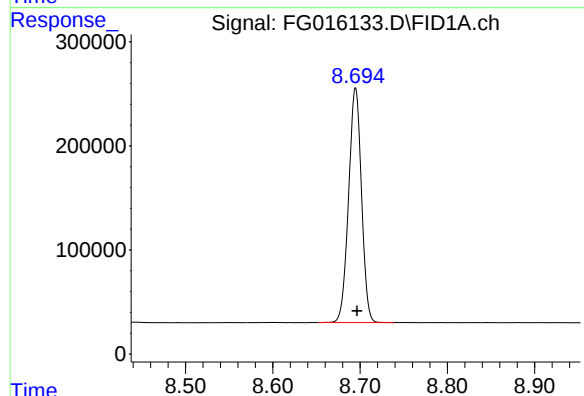
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 2300758
Conc: 20.89 ug/ml



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

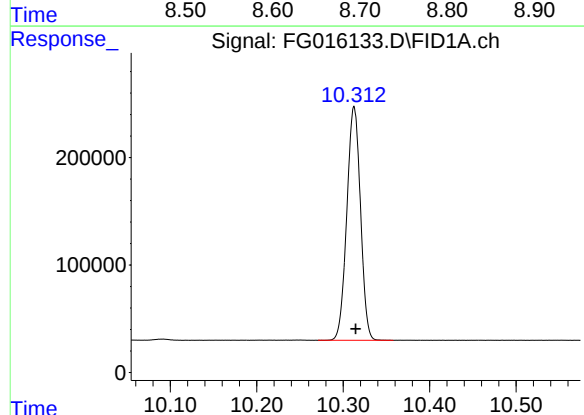
R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 2432631
Conc: 20.92 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



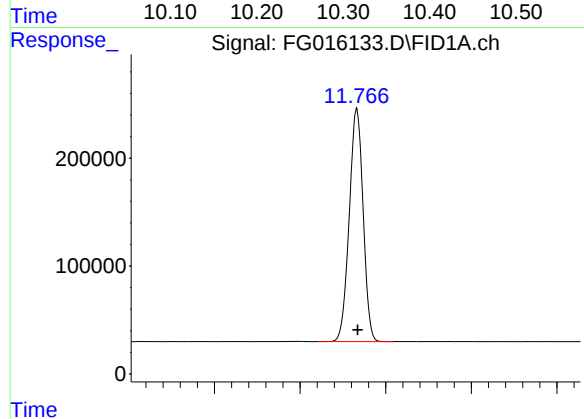
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 2307835
Conc: 21.01 ug/ml



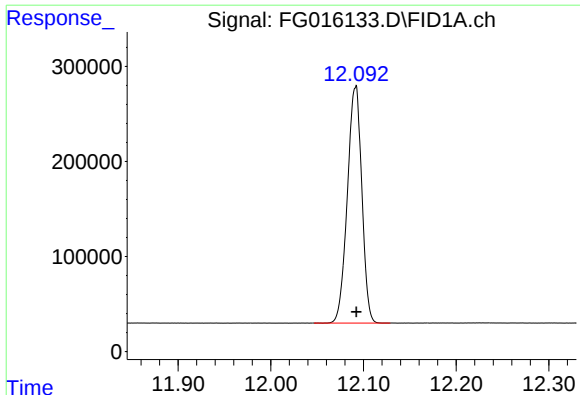
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.002 min
Response: 2383251
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

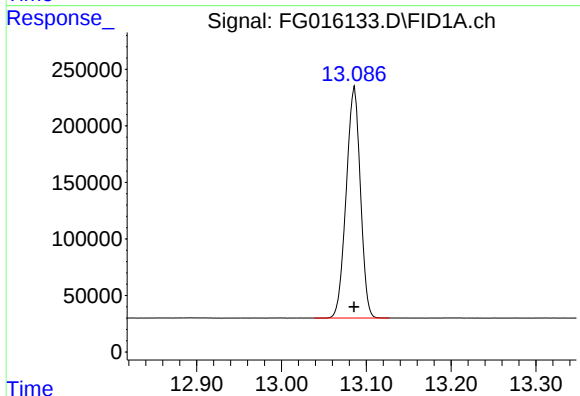
R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 2431501
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

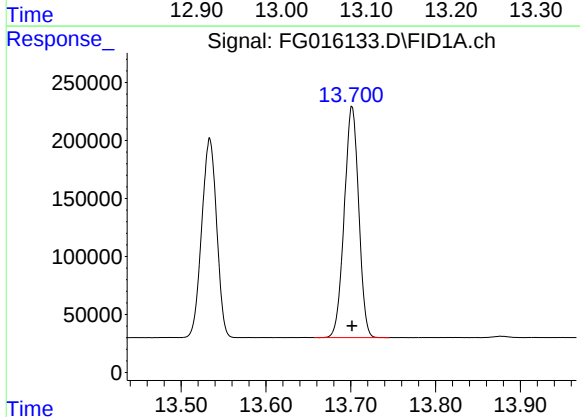
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 2697828
Conc: 20.91 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



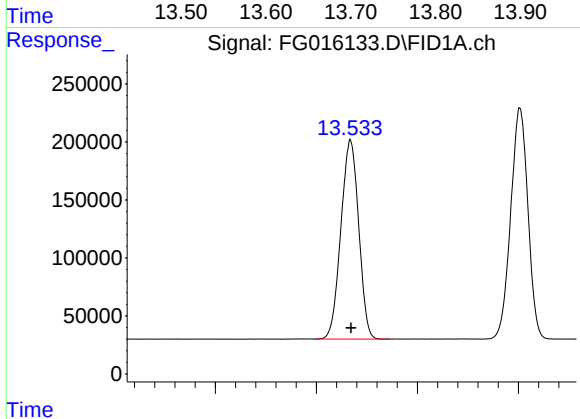
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2379137
Conc: 20.90 ug/ml



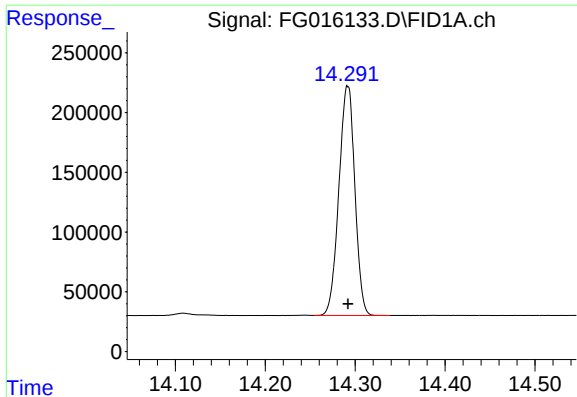
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2363317
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

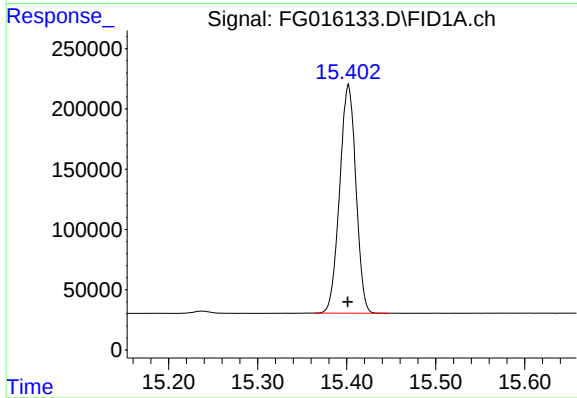
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 2100603
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

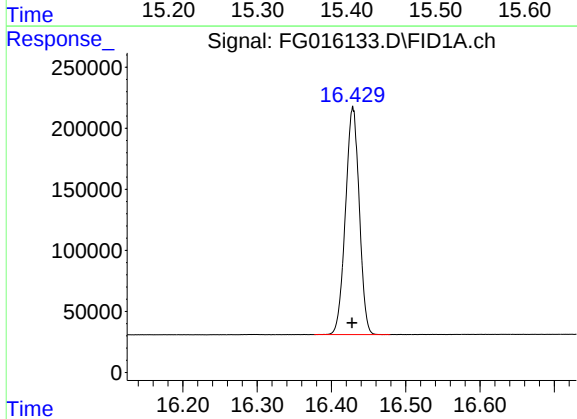
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 2373427
Conc: 20.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



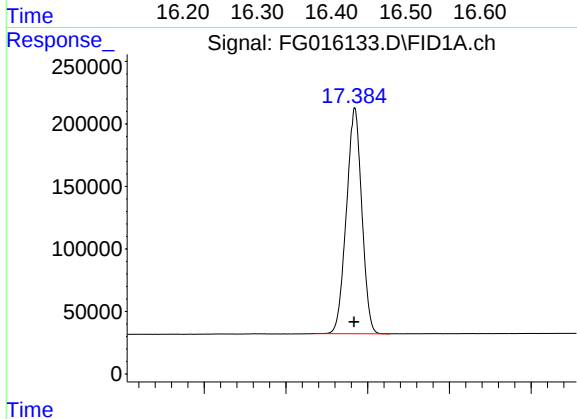
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2407076
Conc: 20.87 ug/ml



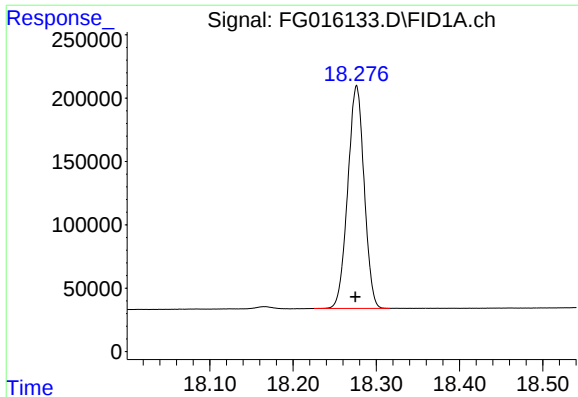
#15 n-Hexacosane (C26)

R.T.: 16.429 min
Delta R.T.: 0.001 min
Response: 2401055
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

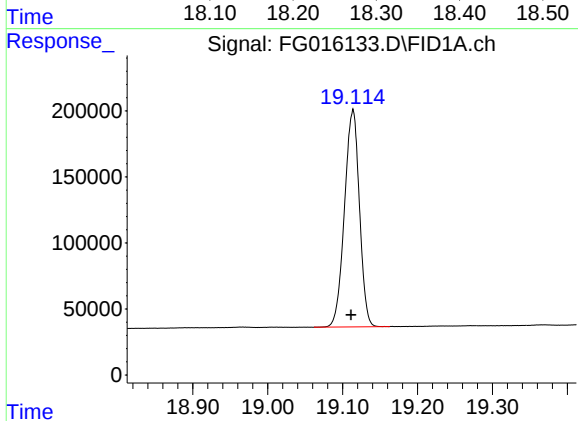
R.T.: 17.384 min
Delta R.T.: 0.001 min
Response: 2367670
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

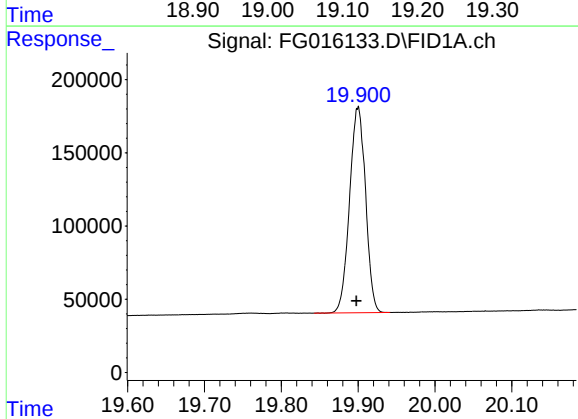
R.T.: 18.276 min
Delta R.T.: 0.001 min
Response: 2402158
Conc: 20.98 ug/ml

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20 PPM ALIPHATIC HC STD



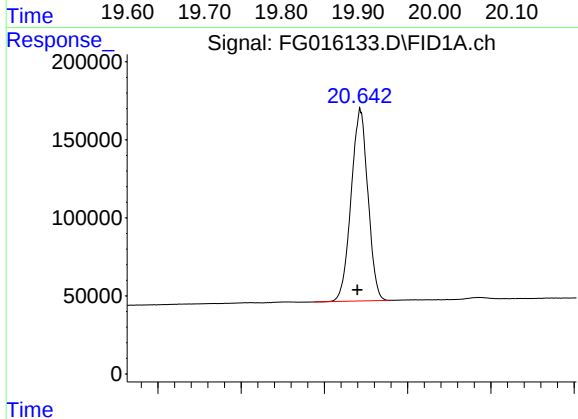
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.003 min
Response: 2278492
Conc: 20.90 ug/ml



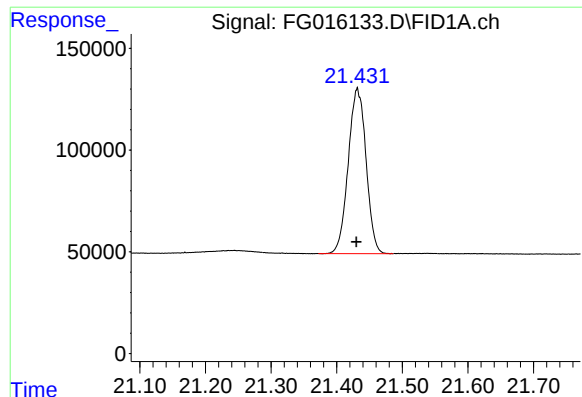
#19 n-Tetratriacontane (C34)

R.T.: 19.900 min
Delta R.T.: 0.002 min
Response: 2030717
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

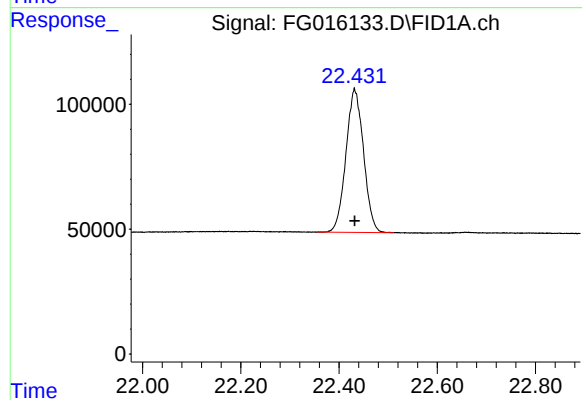
R.T.: 20.643 min
Delta R.T.: 0.004 min
Response: 1724350
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.431 min
Delta R.T.: 0.001 min
Response: 1534166
Conc: 20.32 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: 0.000 min
Response: 1425796
Conc: 20.62 ug/ml