

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
 Data File : FG016900.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 02:15
 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: sample.E
 Quant Time: Nov 14 04:02:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.039	3193629	20.222 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.485	2420198	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.363	2554806	20.506 ug/ml
2) T n-Decane (C10)	4.623	2641198	20.631 ug/ml
3) T A~Naphthalene (C11.7)	6.342	2751390	21.028 ug/ml
4) T n-Dodecane (C12)	6.804	2685178	20.594 ug/ml
5) T A~2-methylnaphthalene...	7.445	2586080	21.490 ug/ml
6) T n-Tetradecane (C14)	8.644	2648549	20.732 ug/ml
7) T n-Hexadecane (C16)	10.262	2739413	20.732 ug/ml
8) T n-Octadecane (C18)	11.716	2838858	20.371 ug/ml
10) T n-Eicosane (C20)	13.035	2806484	20.078 ug/ml
11) T n-Heneicosane (C21)	13.651	2791112	20.075 ug/ml
13) T n-Docosane (C22)	14.242	2799530	19.788 ug/ml
14) T n-Tetracosane (C24)	15.354	2834314	19.277 ug/ml
15) T n-Hexacosane (C26)	16.382	2782578	18.967 ug/ml
16) T n-Octacosane (C28)	17.339	2742180	18.628 ug/ml
17) T n-Tricontane (C30)	18.232	2814390	18.600 ug/ml
18) T n-Dotriacontane (C32)	19.070	2730772	18.526 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2438493	18.923 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2036296	19.674 ug/ml
21) T n-Octatriacontane (C38)	21.380	1813461	20.570 ug/ml
22) T n-Tetracontane (C40)	22.364	1692990	21.622 ug/ml

(f)=RT Delta > 1/2 Window

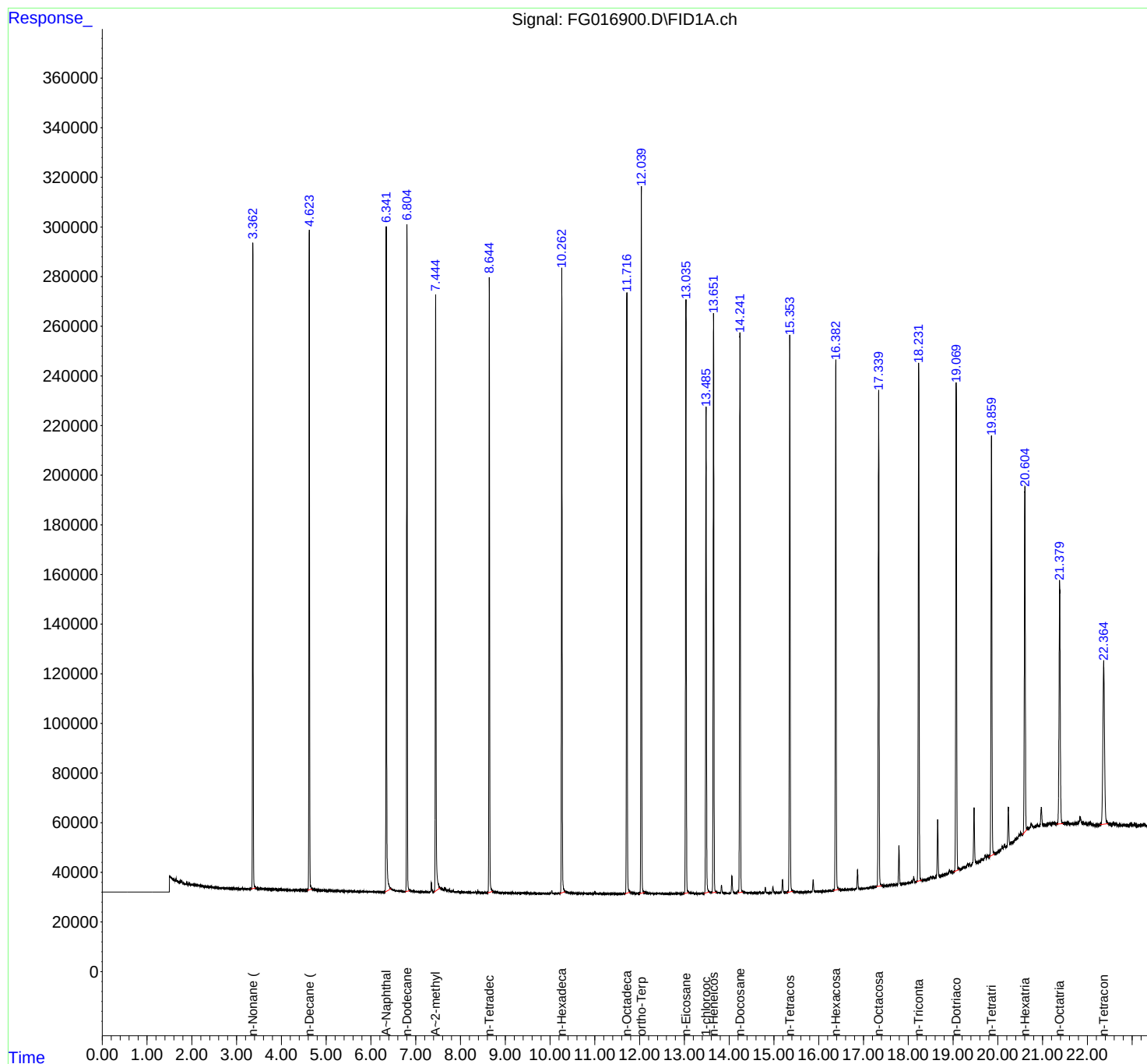
(m)=manual int.

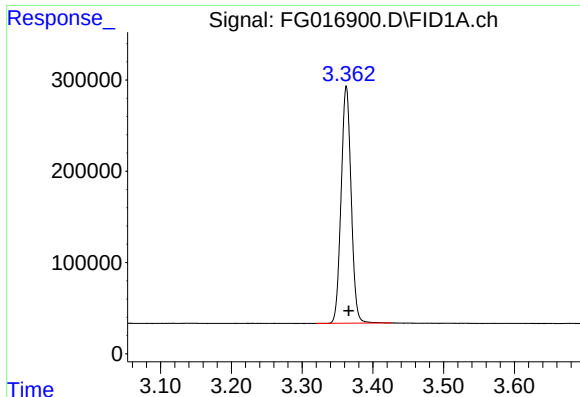
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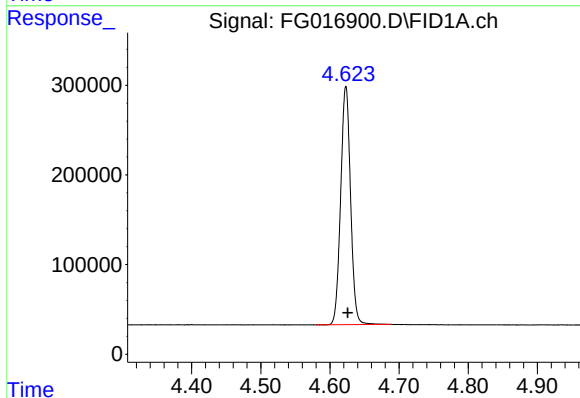




#1 n-Nonane (C9)

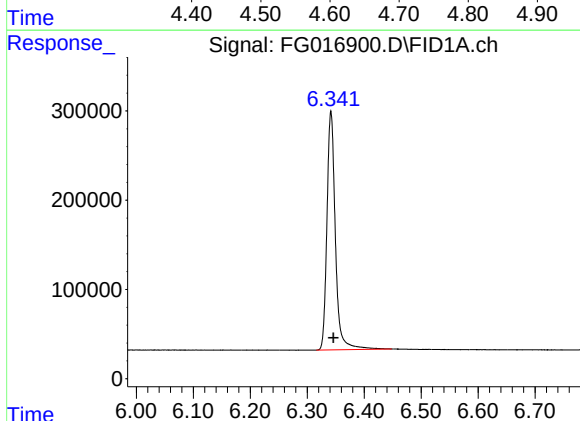
R.T.: 3.363 min
Delta R.T.: -0.003 min
Response: 2554806
Conc: 20.51 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



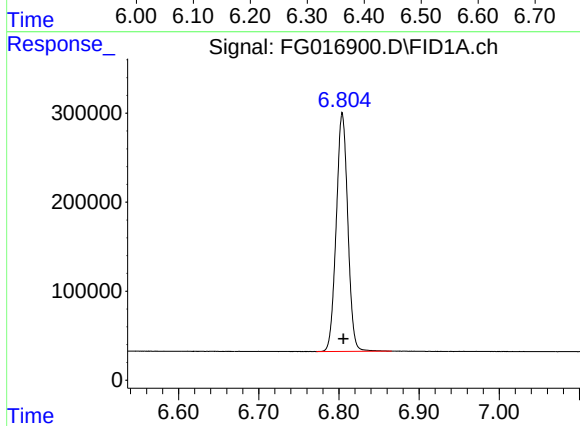
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 2641198
Conc: 20.63 ug/ml



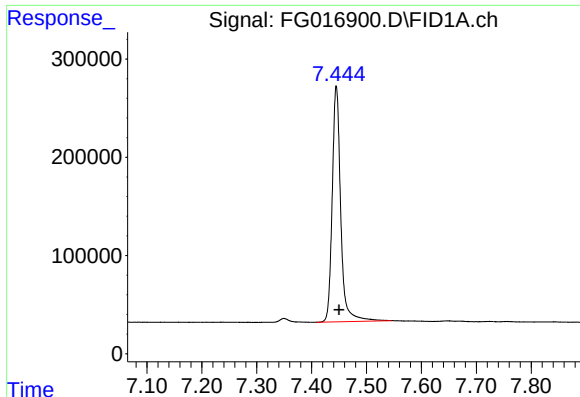
#3 A~Naphthalene (C11.7)

R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 2751390
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

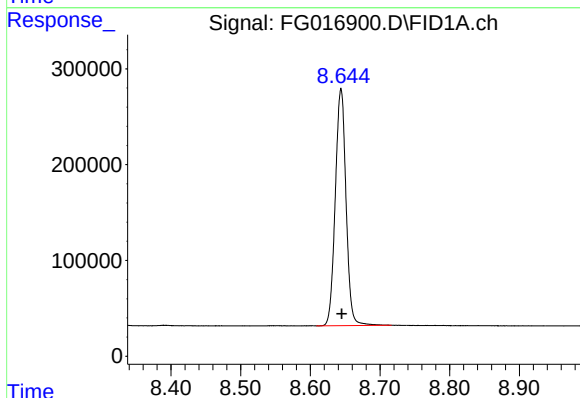
R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 2685178
Conc: 20.59 ug/ml



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

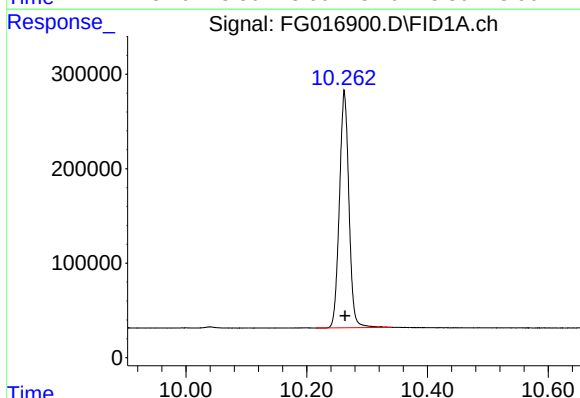
R.T.: 7.445 min
Delta R.T.: -0.005 min
Response: 2586080
Conc: 21.49 ug/ml

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20 PPM ALIPHATIC HC STD



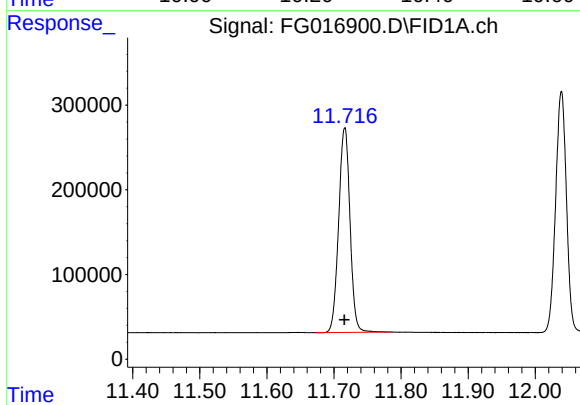
#6 n-Tetradecane (C14)

R.T.: 8.644 min
Delta R.T.: -0.001 min
Response: 2648549
Conc: 20.73 ug/ml



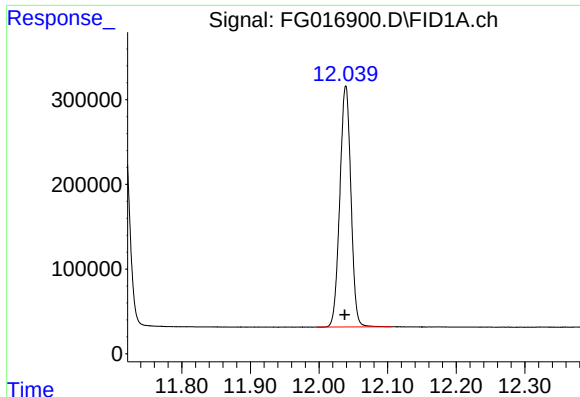
#7 n-Hexadecane (C16)

R.T.: 10.262 min
Delta R.T.: -0.001 min
Response: 2739413
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

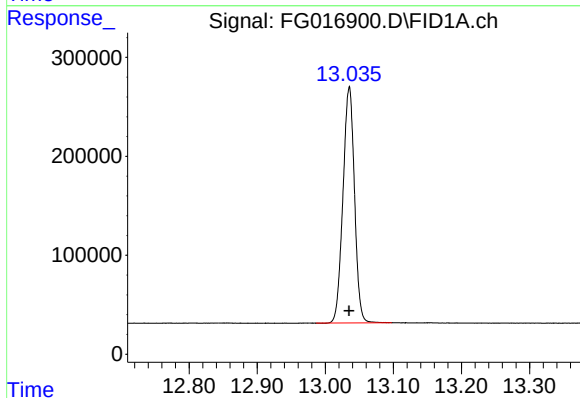
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 2838858
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

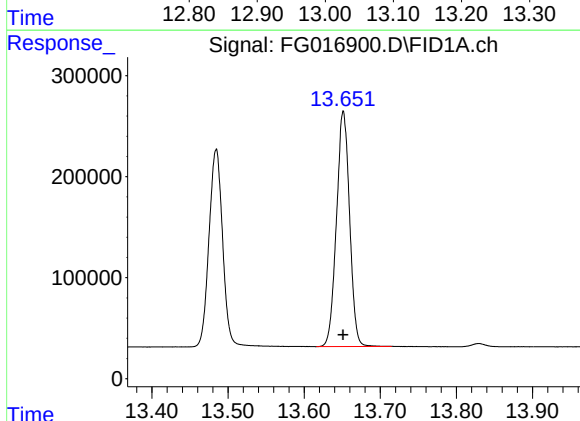
R.T.: 12.039 min
Delta R.T.: 0.002 min
Response: 3193629
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



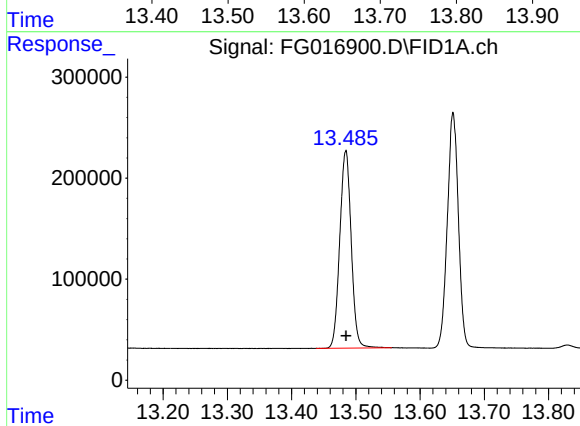
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2806484
Conc: 20.08 ug/ml



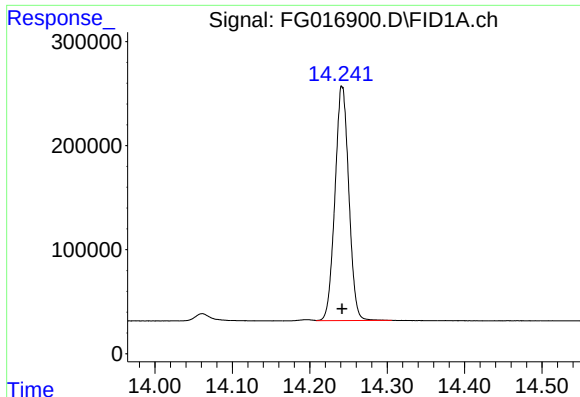
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 2791112
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

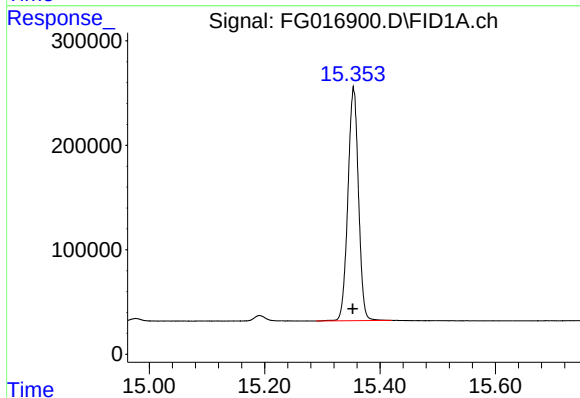
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 2420198
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

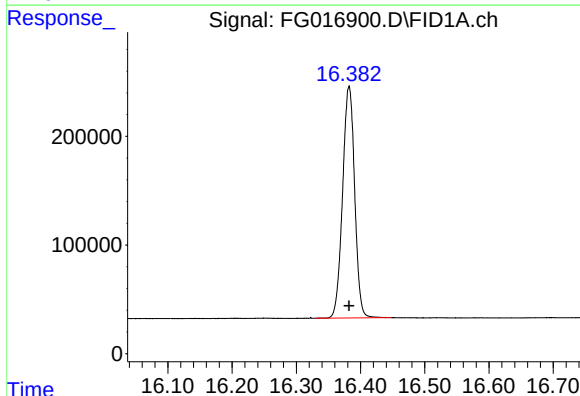
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2799530
Conc: 19.79 ug/ml

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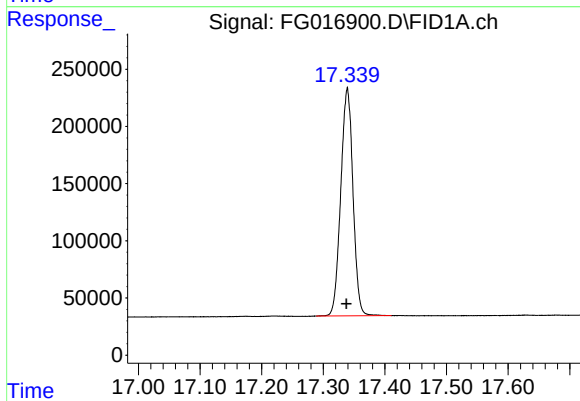
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.001 min
Response: 2834314
Conc: 19.28 ug/ml



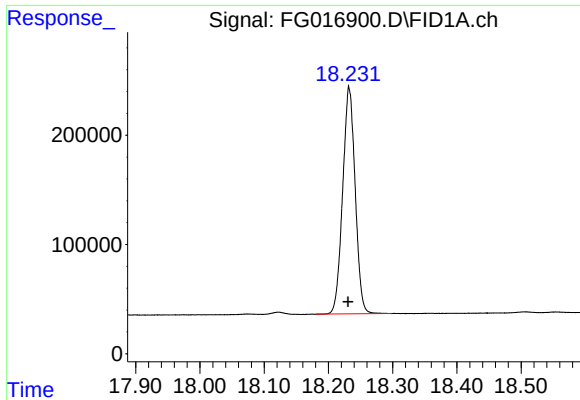
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 2782578
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

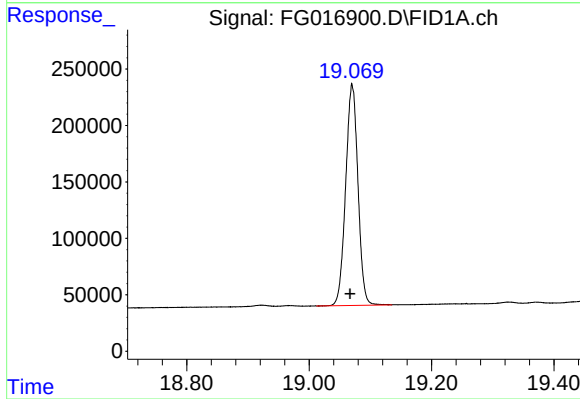
R.T.: 17.339 min
Delta R.T.: 0.002 min
Response: 2742180
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

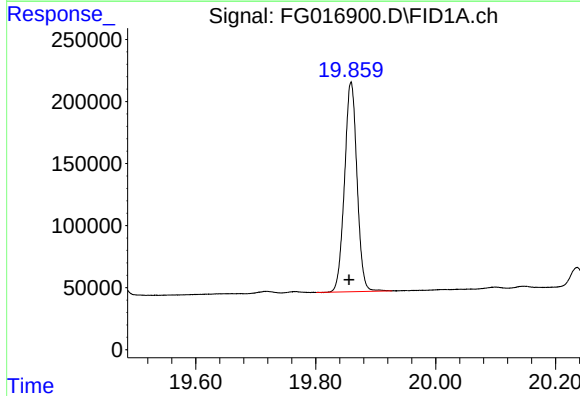
R.T.: 18.232 min
Delta R.T.: 0.002 min
Response: 2814390
Conc: 18.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



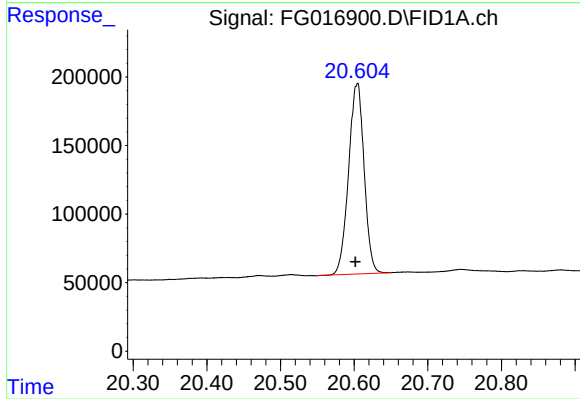
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.003 min
Response: 2730772
Conc: 18.53 ug/ml



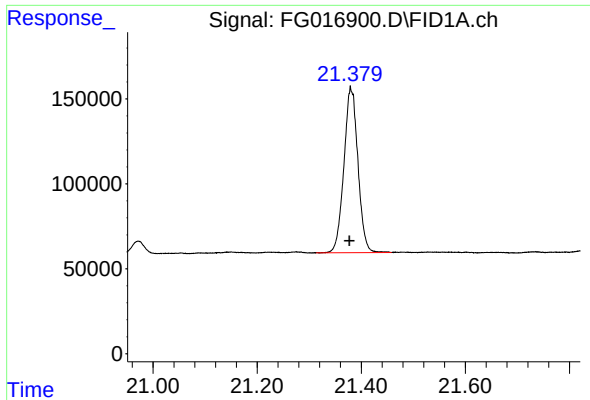
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.003 min
Response: 2438493
Conc: 18.92 ug/ml



#20 n-Hexatriacontane (C36)

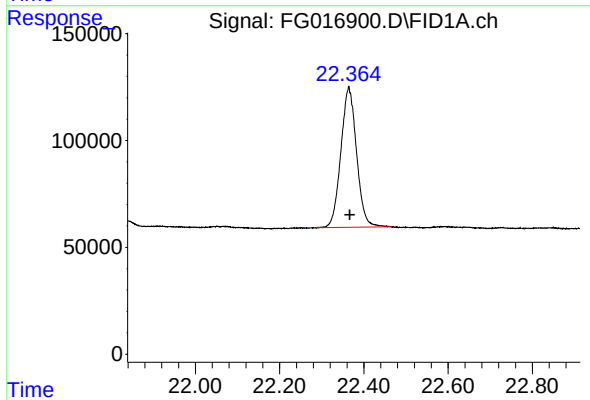
R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 2036296
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: 0.002 min
Response: 1813461
Conc: 20.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 1692990
Conc: 21.62 ug/ml