

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
 Data File : FG016878.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2025 13:15
 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 13 14:05:23 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)	12.038	3292750	20.849 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
12) S 1-chlorooctadecane (S...	13.484	2501034	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.362	2610217	20.951 ug/ml
2) T n-Decane (C10)	4.622	2696893	21.066 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2800523	21.404 ug/ml
4) T n-Dodecane (C12)	6.804	2744031	21.046 ug/ml
5) T A~2-methylnaphthalene...	7.444	2626665	21.827 ug/ml
6) T n-Tetradecane (C14)	8.643	2709234	21.207 ug/ml
7) T n-Hexadecane (C16)	10.262	2804036	21.221 ug/ml
8) T n-Octadecane (C18)	11.715	2918123	20.940 ug/ml
10) T n-Eicosane (C20)	13.035	2896092	20.719 ug/ml
11) T n-Heneicosane (C21)	13.651	2883160	20.737 ug/ml
13) T n-Docosane (C22)	14.242	2897039	20.477 ug/ml
14) T n-Tetracosane (C24)	15.354	2936782	19.974 ug/ml
15) T n-Hexacosane (C26)	16.383	2899825	19.766 ug/ml
16) T n-Octacosane (C28)	17.339	2860045	19.428 ug/ml
17) T n-Tricontane (C30)	18.232	2890752	19.104 ug/ml
18) T n-Dotriacontane (C32)	19.070	2794596	18.958 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2483300	19.270 ug/ml
20) T n-Hexatriacontane (C36)	20.603	2099497	20.284 ug/ml
21) T n-Octatriacontane (C38)	21.380	1806493	20.491 ug/ml
22) T n-Tetracontane (C40)	22.364	1641877	20.969 ug/ml

(f)=RT Delta > 1/2 Window

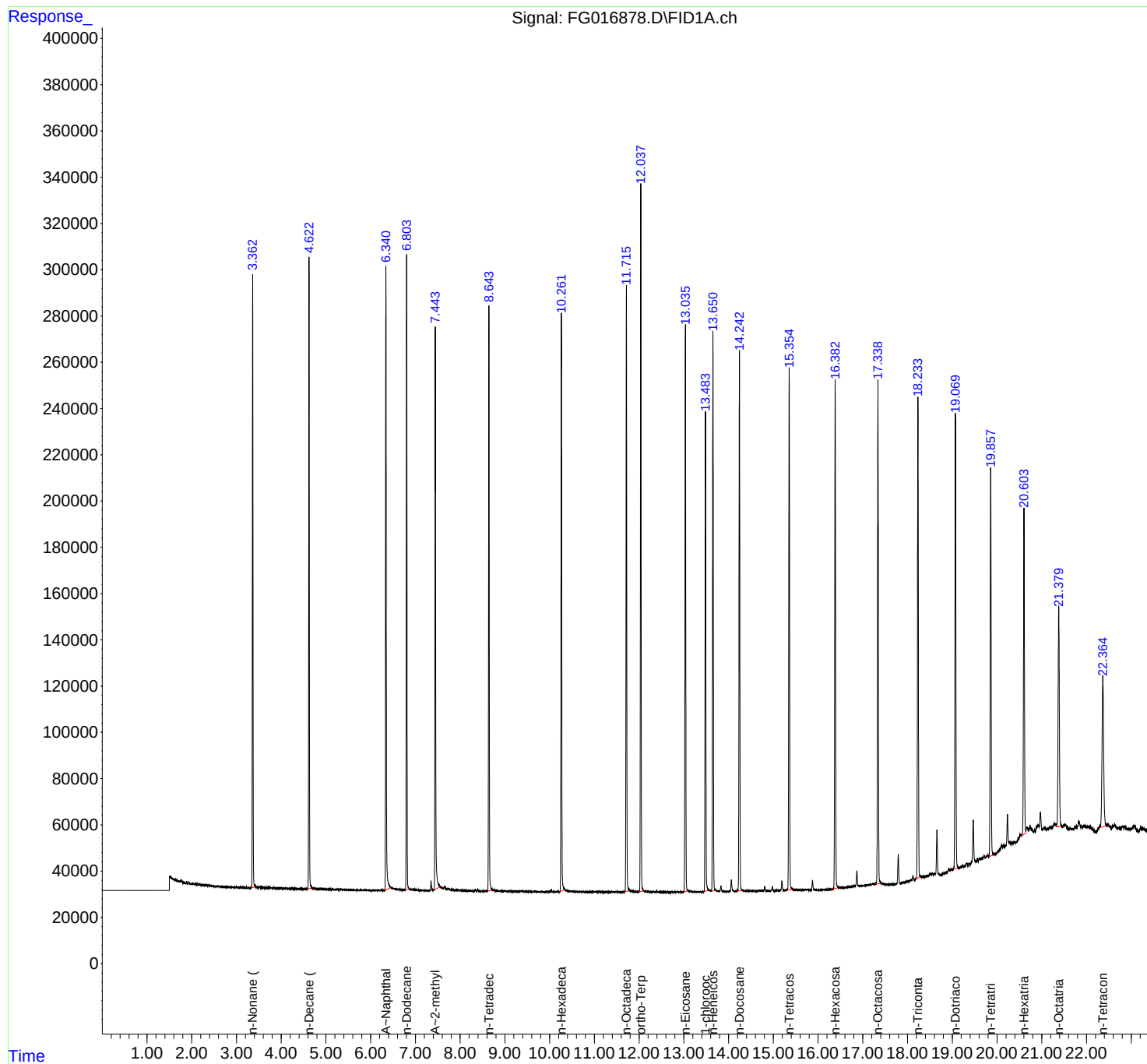
(m)=manual int.

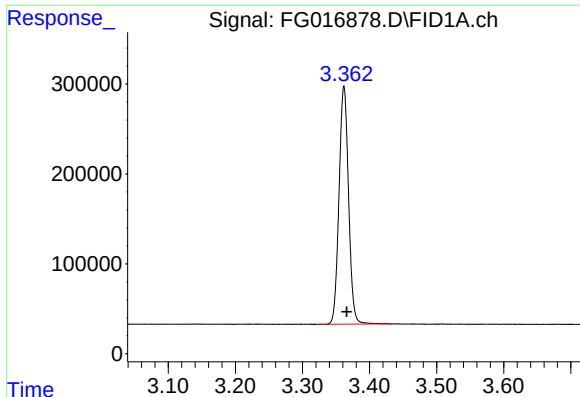
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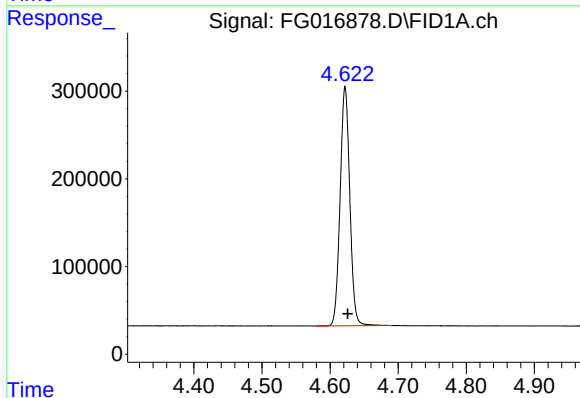




#1 n-Nonane (C9)

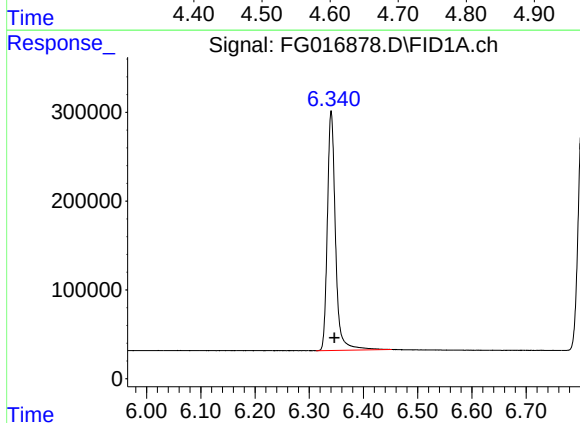
R.T.: 3.362 min
Delta R.T.: -0.004 min
Response: 2610217
Conc: 20.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



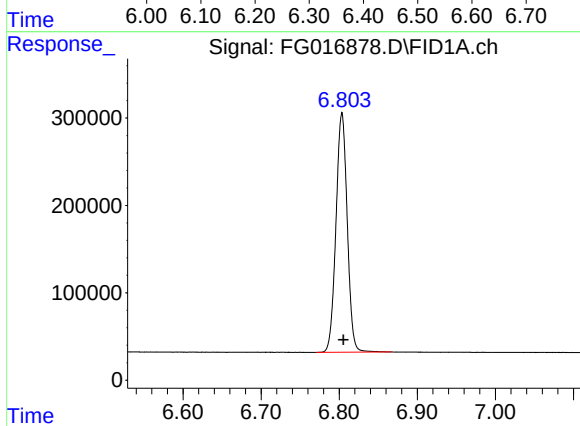
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 2696893
Conc: 21.07 ug/ml



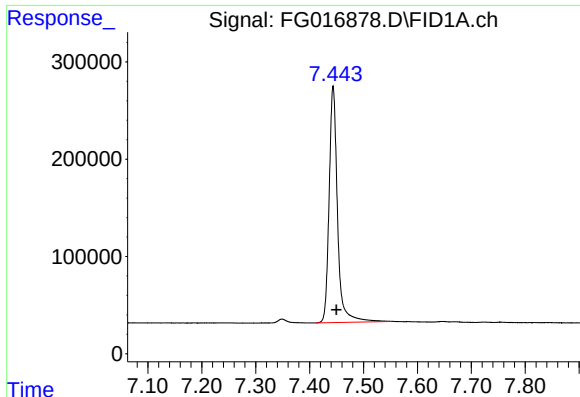
#3 A~Naphthalene (C11.7)

R.T.: 6.341 min
Delta R.T.: -0.006 min
Response: 2800523
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

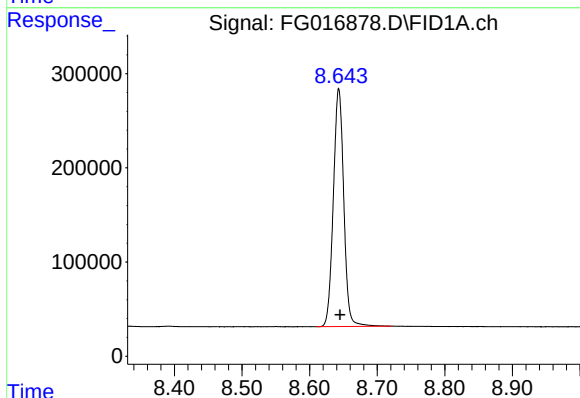
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 2744031
Conc: 21.05 ug/ml



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

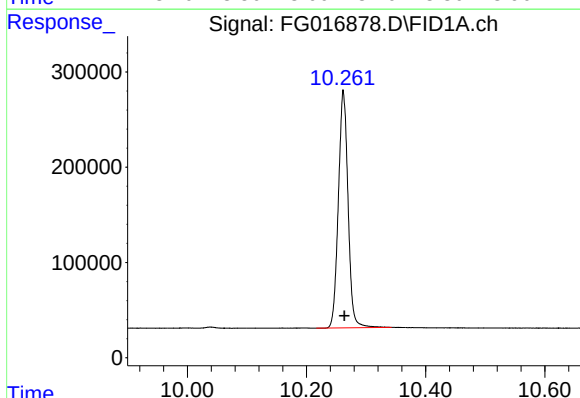
R.T.: 7.444 min
Delta R.T.: -0.006 min
Response: 2626665
Conc: 21.83 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



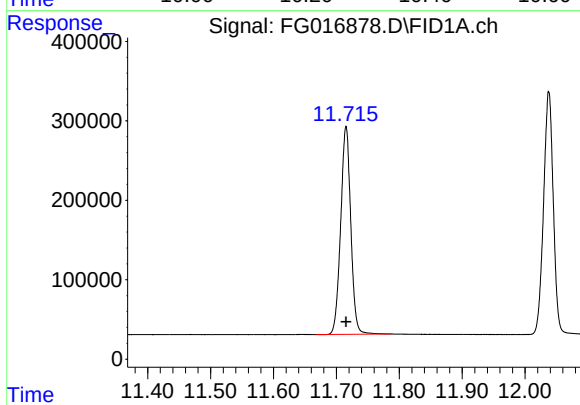
#6 n-Tetradecane (C14)

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 2709234
Conc: 21.21 ug/ml



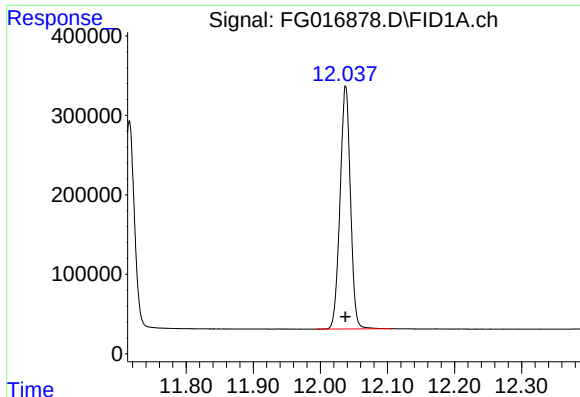
#7 n-Hexadecane (C16)

R.T.: 10.262 min
Delta R.T.: -0.002 min
Response: 2804036
Conc: 21.22 ug/ml



#8 n-Octadecane (C18)

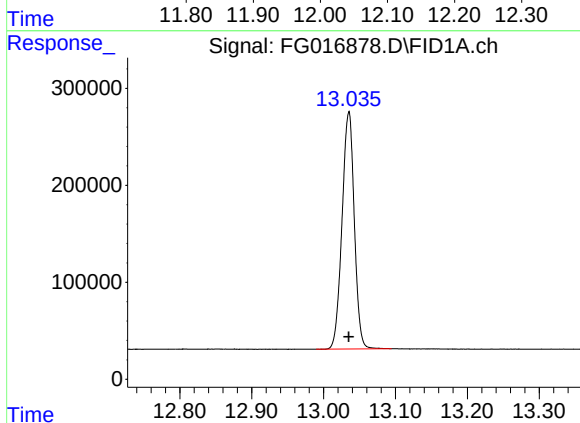
R.T.: 11.715 min
Delta R.T.: 0.000 min
Response: 2918123
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

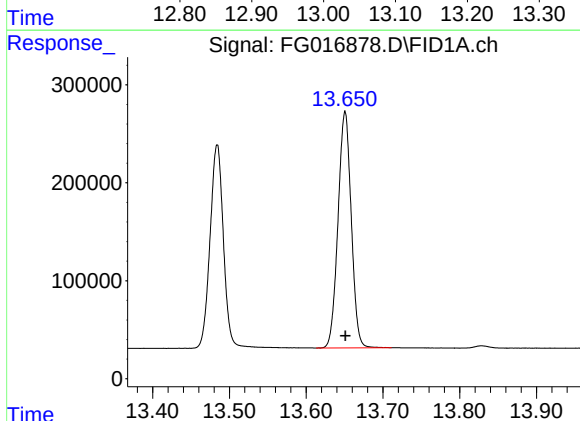
R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 3292750
Conc: 20.85 ug/ml

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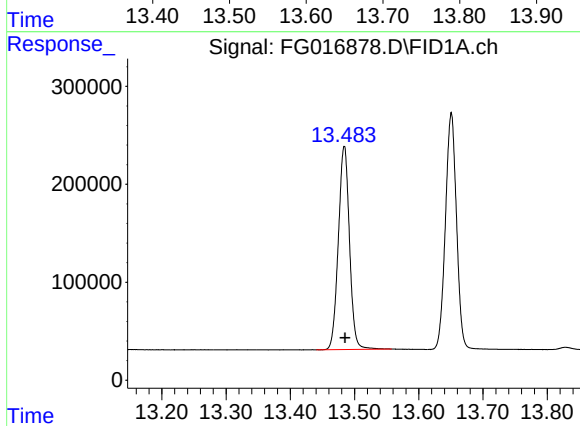
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2896092
Conc: 20.72 ug/ml



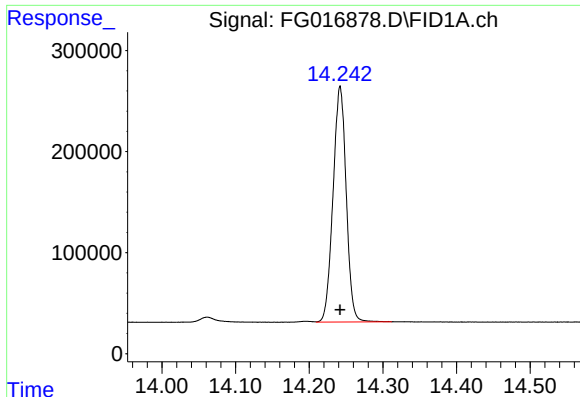
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 2883160
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

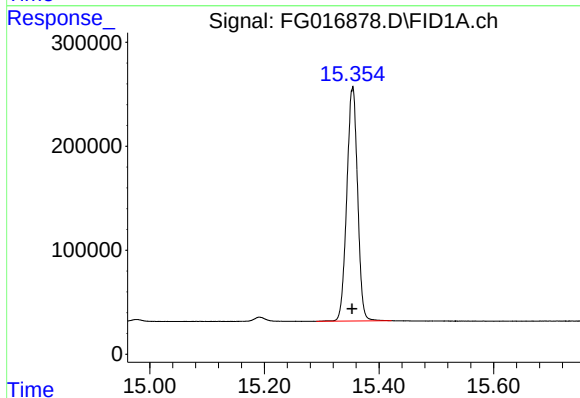
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 2501034
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

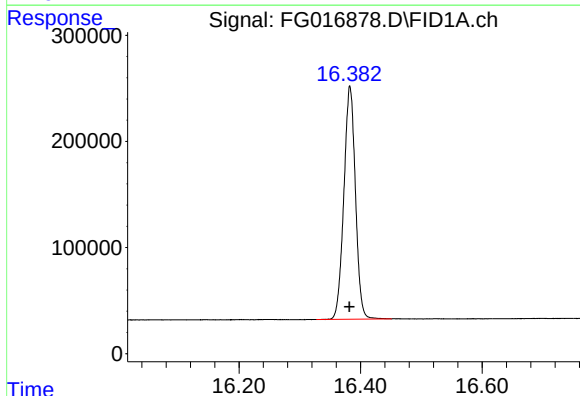
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2897039
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



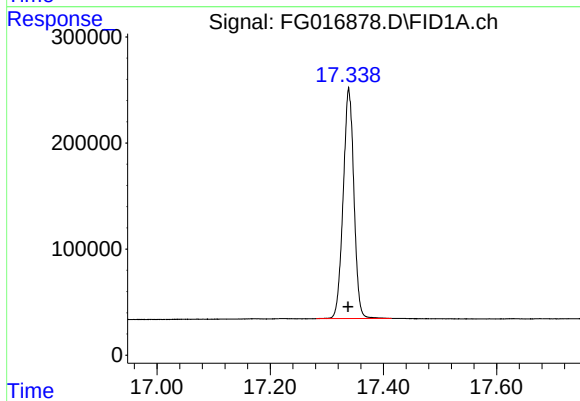
#14 n-Tetracosane (C24)

R.T.: 15.354 min
Delta R.T.: 0.001 min
Response: 2936782
Conc: 19.97 ug/ml



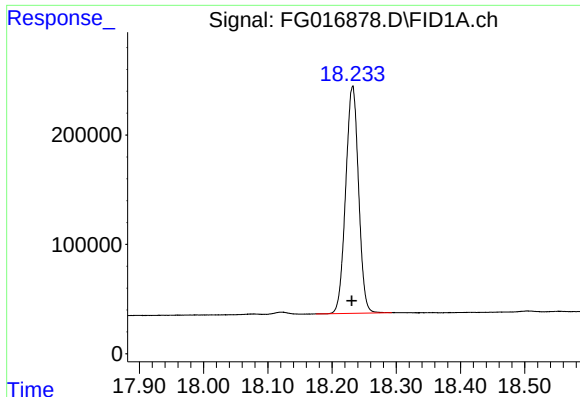
#15 n-Hexacosane (C26)

R.T.: 16.383 min
Delta R.T.: 0.000 min
Response: 2899825
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

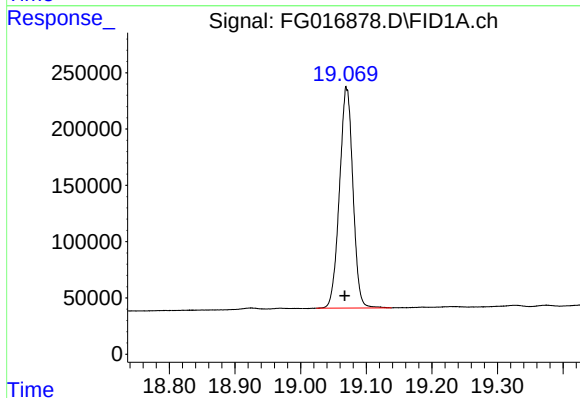
R.T.: 17.339 min
Delta R.T.: 0.001 min
Response: 2860045
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

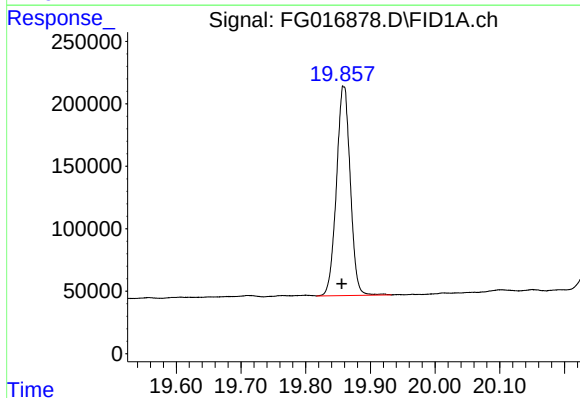
R.T.: 18.232 min
Delta R.T.: 0.001 min
Response: 2890752
Conc: 19.10 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



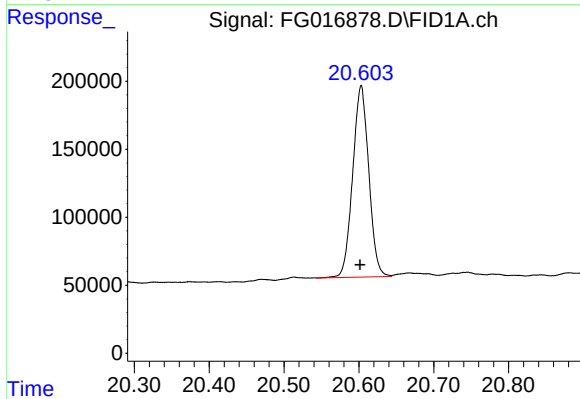
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.003 min
Response: 2794596
Conc: 18.96 ug/ml



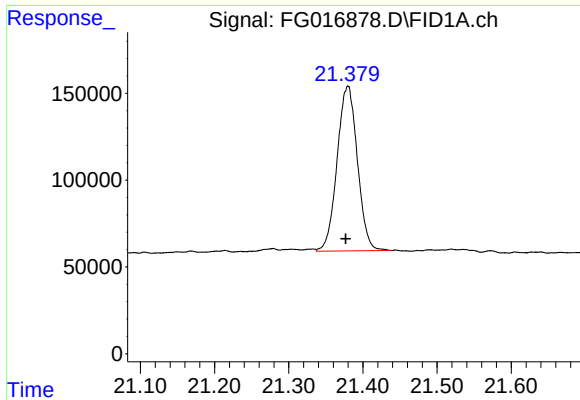
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.003 min
Response: 2483300
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

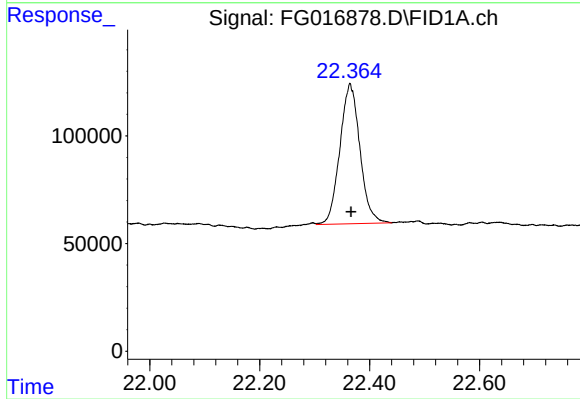
R.T.: 20.603 min
Delta R.T.: 0.001 min
Response: 2099497
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: 0.003 min
Response: 1806493
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 1641877
Conc: 20.97 ug/ml