

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013801.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 14:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 10 16:00:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 2024
 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)	11.969	7224179	50.215 ug/ml
Spiked Amount 50.000		Recovery =	100.43%
12) S 1-chlorooctadecane (S...	13.408	5669287	50.520 ug/ml
Spiked Amount 50.000		Recovery =	101.04%
Target Compounds			
1) T n-Nonane (C9)	3.327	6306099	49.770 ug/ml
2) T n-Decane (C10)	4.581	6441419	49.742 ug/ml
3) T A~Naphthalene (C11.7)	6.290	7020116	49.770 ug/ml
4) T n-Dodecane (C12)	6.752	6502974	49.759 ug/ml
5) T A~2-methylnaphthalene...	7.389	6834611	49.811 ug/ml
6) T n-Tetradecane (C14)	8.585	6475268	49.788 ug/ml
7) T n-Hexadecane (C16)	10.199	6776275	50.034 ug/ml
8) T n-Octadecane (C18)	11.648	6919354	50.231 ug/ml
10) T n-Eicosane (C20)	12.962	6722186	50.385 ug/ml
11) T n-Heneicosane (C21)	13.577	6633713	50.447 ug/ml
13) T n-Docosane (C22)	14.164	6624120	50.522 ug/ml
14) T n-Tetracosane (C24)	15.272	6612323	50.581 ug/ml
15) T n-Hexacosane (C26)	16.296	6488941	50.554 ug/ml
16) T n-Octacosane (C28)	17.250	6309191	50.608 ug/ml
17) T n-Tricontane (C30)	18.140	6284554	50.521 ug/ml
18) T n-Dotriacontane (C32)	18.974	6040384	50.186 ug/ml
19) T n-Tetratriacontane (C34)	19.760	5749681	50.338 ug/ml
20) T n-Hexatriacontane (C36)	20.501	5420728	49.970 ug/ml
21) T n-Octatriacontane (C38)	21.255	5176668	50.058 ug/ml
22) T n-Tetracontane (C40)	22.196	4916137	49.853 ug/ml

(f)=RT Delta > 1/2 Window

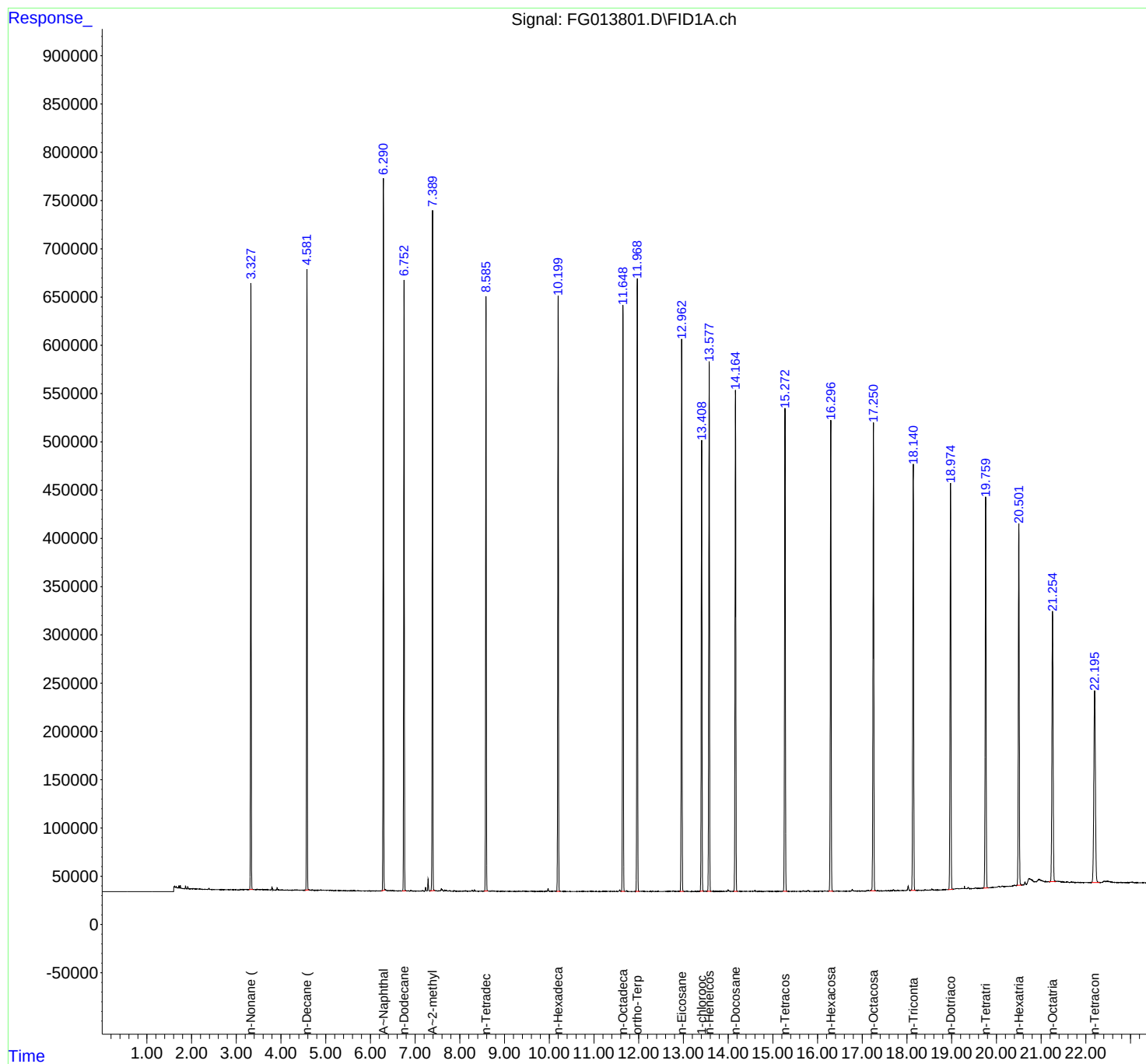
(m)=manual int.

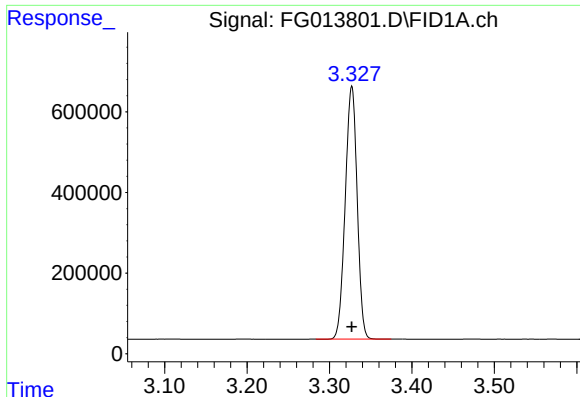
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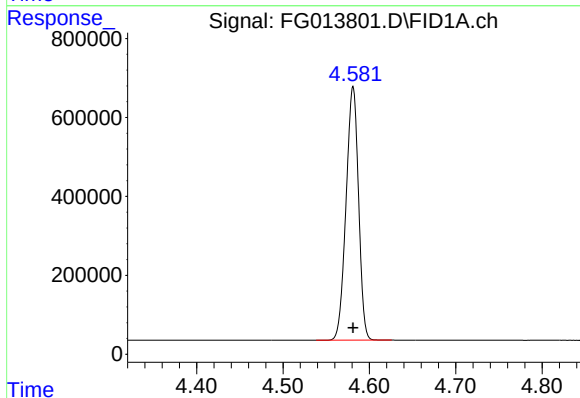




#1 n-Nonane (C9)

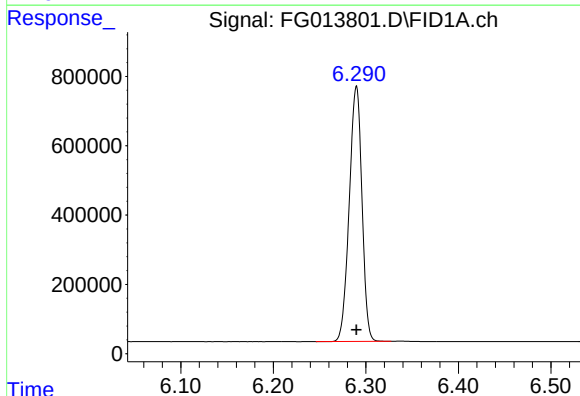
R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 6306099
Conc: 49.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



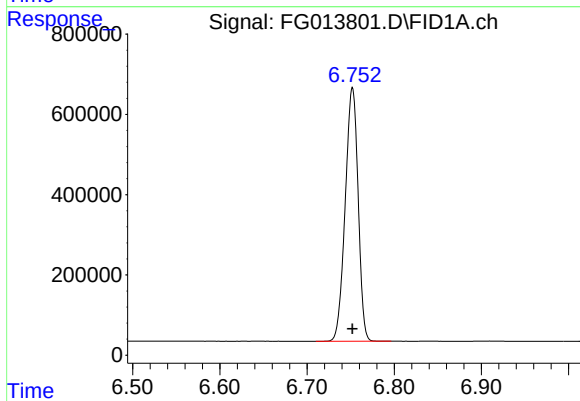
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 6441419
Conc: 49.74 ug/ml



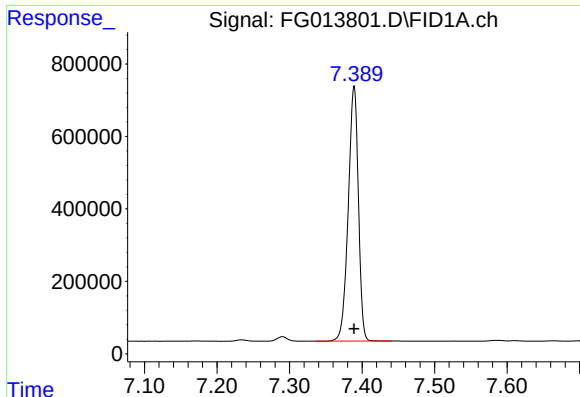
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 7020116
Conc: 49.77 ug/ml



#4 n-Dodecane (C12)

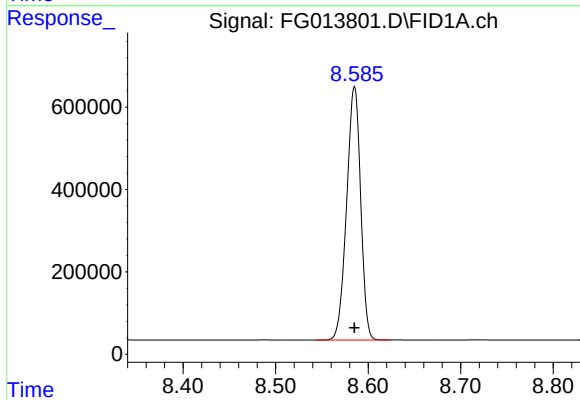
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 6502974
Conc: 49.76 ug/ml



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

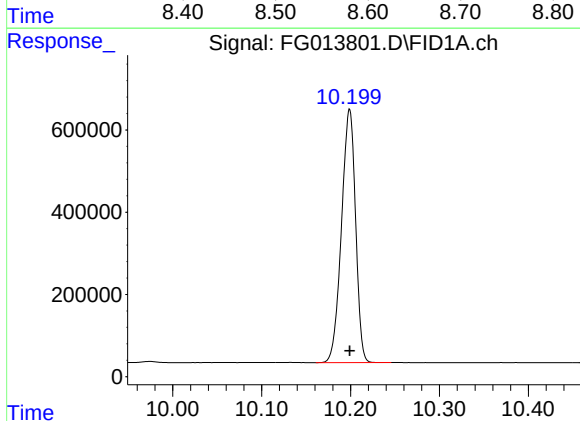
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 6834611
Conc: 49.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



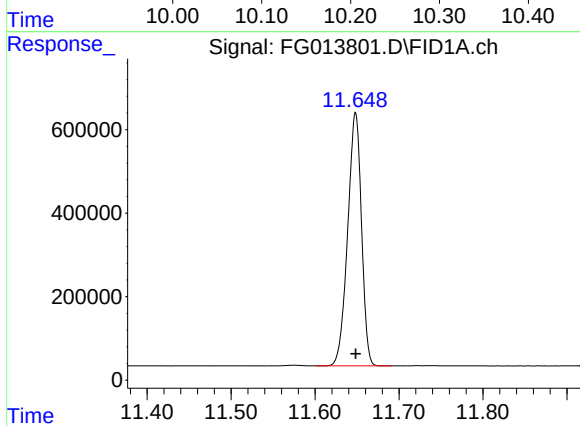
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 6475268
Conc: 49.79 ug/ml



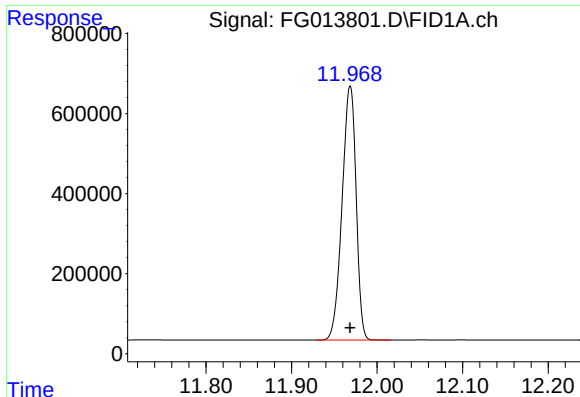
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: 0.000 min
Response: 6776275
Conc: 50.03 ug/ml



#8 n-Octadecane (C18)

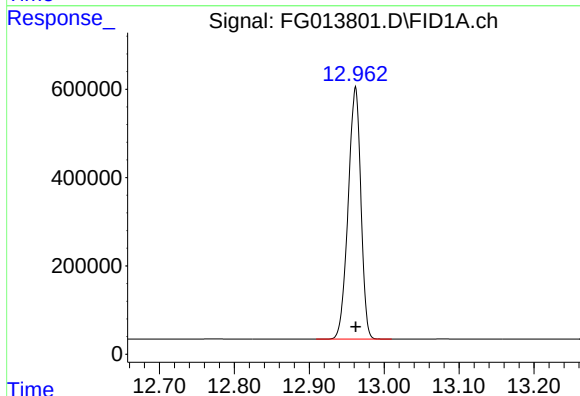
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 6919354
Conc: 50.23 ug/ml



#9 ortho-Terphenyl (SURR)

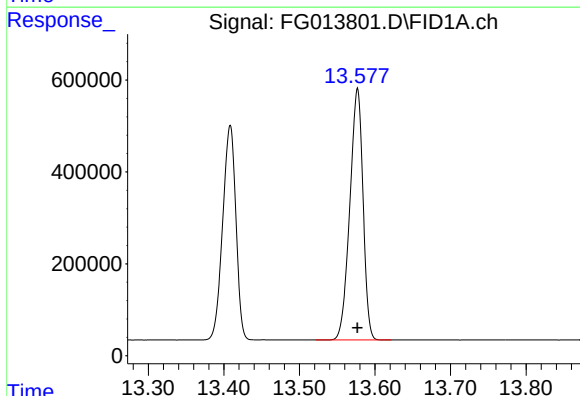
R.T.: 11.969 min
Delta R.T.: 0.000 min
Response: 7224179
Conc: 50.21 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



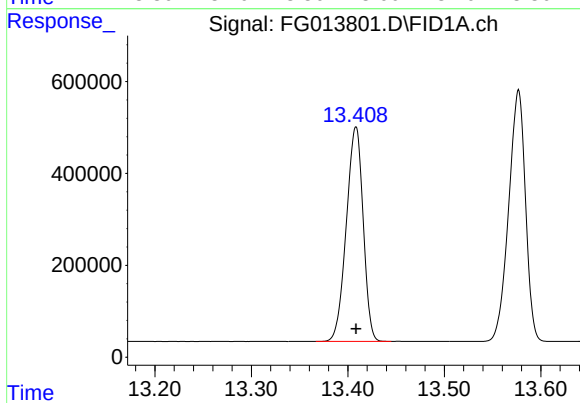
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 6722186
Conc: 50.38 ug/ml



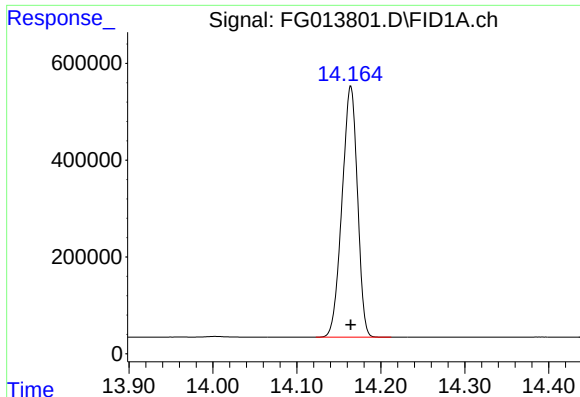
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.000 min
Response: 6633713
Conc: 50.45 ug/ml



#12 1-chlorooctadecane (SURR)

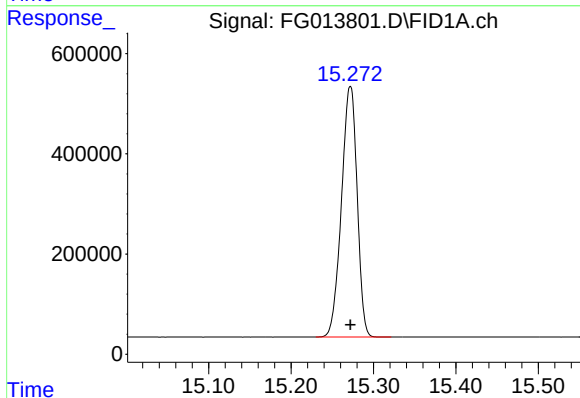
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 5669287
Conc: 50.52 ug/ml



#13 n-Docosane (C22)

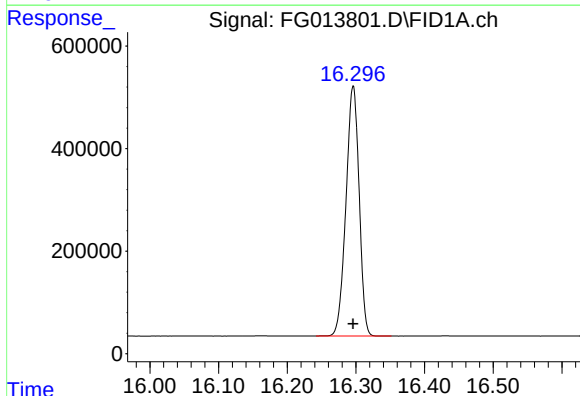
R.T.: 14.164 min
Delta R.T.: 0.000 min
Response: 6624120
Conc: 50.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



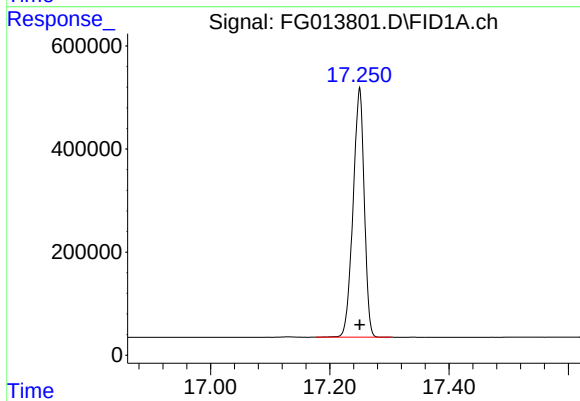
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 6612323
Conc: 50.58 ug/ml



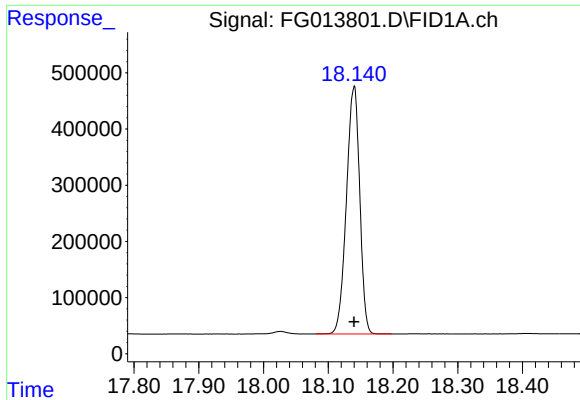
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 6488941
Conc: 50.55 ug/ml



#16 n-Octacosane (C28)

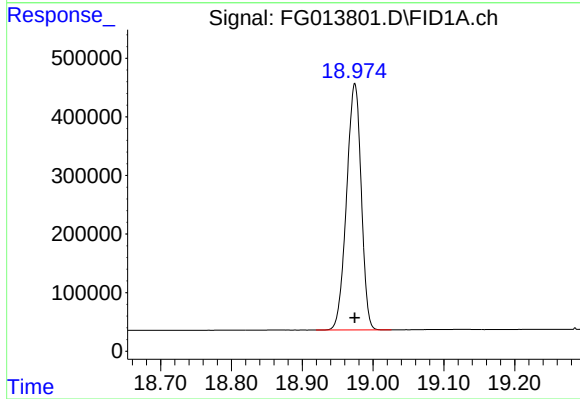
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 6309191
Conc: 50.61 ug/ml



#17 n-Tricontane (C30)

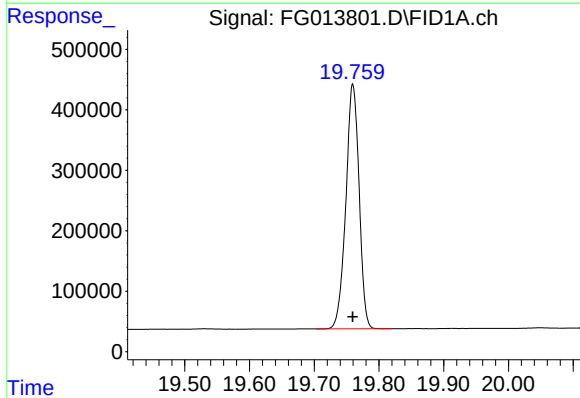
R.T.: 18.140 min
Delta R.T.: 0.000 min
Response: 6284554
Conc: 50.52 ug/ml

Instrument :
FID_G
ClientSampleId :
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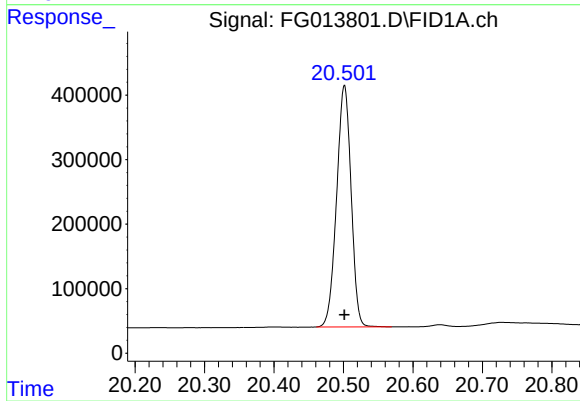
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.000 min
Response: 6040384
Conc: 50.19 ug/ml



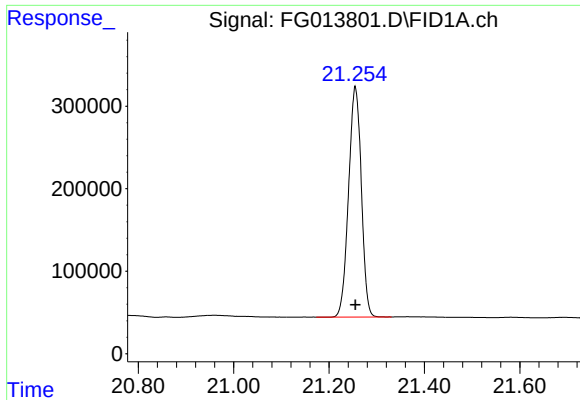
#19 n-Tetratriacontane (C34)

R.T.: 19.760 min
Delta R.T.: 0.000 min
Response: 5749681
Conc: 50.34 ug/ml



#20 n-Hexatriacontane (C36)

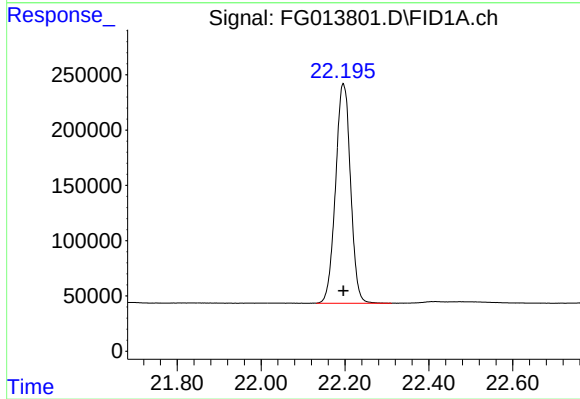
R.T.: 20.501 min
Delta R.T.: 0.000 min
Response: 5420728
Conc: 49.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.000 min
Response: 5176668
Conc: 50.06 ug/ml

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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.196 min
Delta R.T.: 0.000 min
Response: 4916137
Conc: 49.85 ug/ml