

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013048.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 14:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:49:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 2023
 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)	11.993	2912048	21.648 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
12) S 1-chlorooctadecane (S...	13.433	2185234	21.684 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
Target Compounds			
1) T n-Nonane (C9)	3.346	2549378	21.343 ug/ml
2) T n-Decane (C10)	4.599	2604119	21.360 ug/ml
3) T A~Naphthalene (C11.7)	6.313	2787406	21.536 ug/ml
4) T n-Dodecane (C12)	6.774	2610334	21.415 ug/ml
5) T A~2-methylnaphthalene...	7.413	2678881	21.545 ug/ml
6) T n-Tetradecane (C14)	8.608	2565352	21.444 ug/ml
7) T n-Hexadecane (C16)	10.223	2629381	21.489 ug/ml
8) T n-Octadecane (C18)	11.672	2638238	21.548 ug/ml
10) T n-Eicosane (C20)	12.986	2517939	21.567 ug/ml
11) T n-Heneicosane (C21)	13.601	2463846	21.576 ug/ml
13) T n-Docosane (C22)	14.188	2438433	21.486 ug/ml
14) T n-Tetracosane (C24)	15.295	2410178	21.291 ug/ml
15) T n-Hexacosane (C26)	16.319	2357347	21.260 ug/ml
16) T n-Octacosane (C28)	17.272	2306312	21.022 ug/ml
17) T n-Tricontane (C30)	18.160	2365970	20.663 ug/ml
18) T n-Dotriacontane (C32)	18.995	2350897	20.479 ug/ml
19) T n-Tetratriacontane (C34)	19.780	2296632	20.527 ug/ml
20) T n-Hexatriacontane (C36)	20.522	2317573	20.322 ug/ml
21) T n-Octatriacontane (C38)	21.281	2354444	20.523 ug/ml
22) T n-Tetracontane (C40)	22.237	2433240	21.020 ug/ml

(f)=RT Delta > 1/2 Window

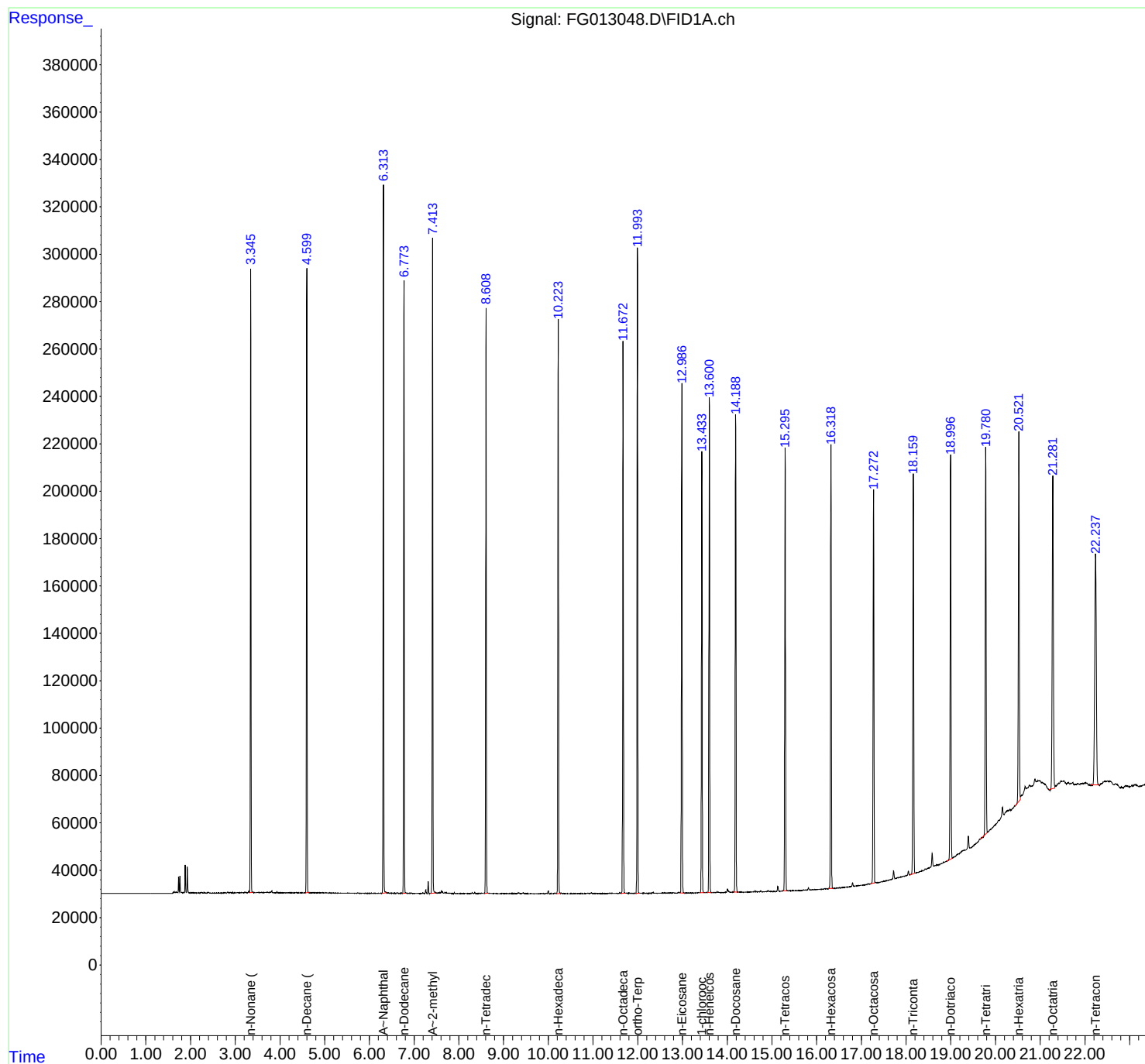
(m)=manual int.

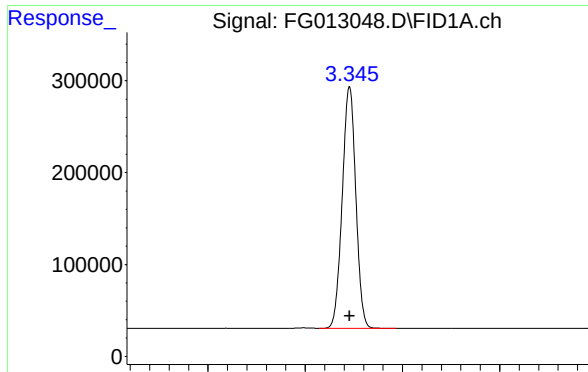
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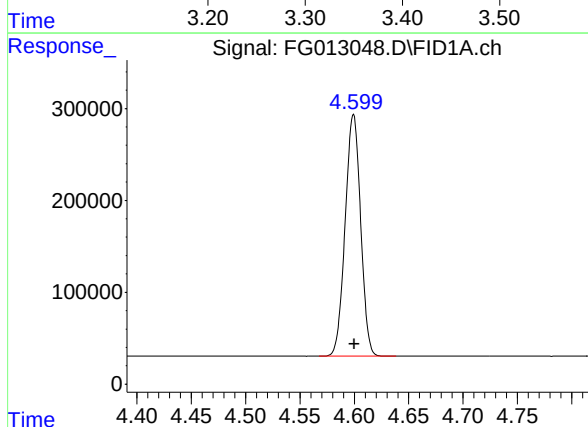




#1 n-Nonane (C9)

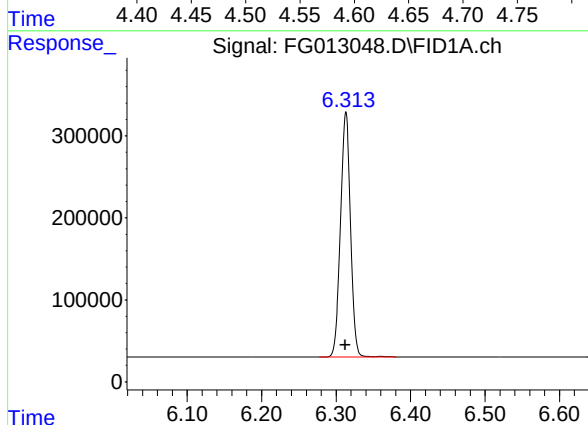
R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 2549378
Conc: 21.34 ug/ml

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20 PPM ALIPHATIC HC STD



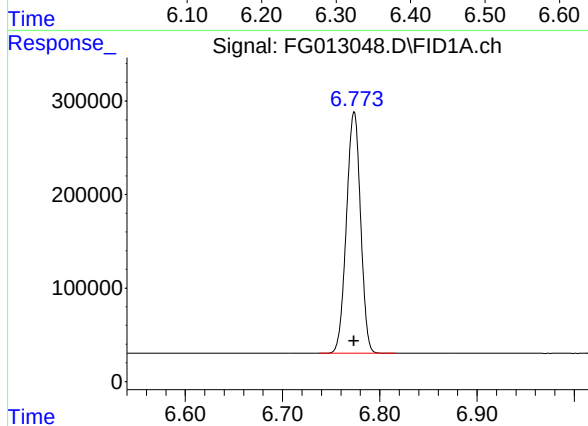
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 2604119
Conc: 21.36 ug/ml



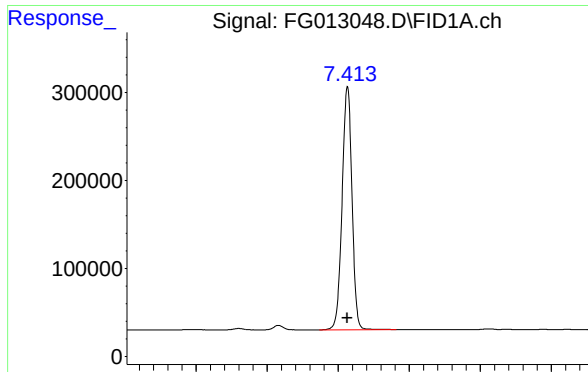
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2787406
Conc: 21.54 ug/ml



#4 n-Dodecane (C12)

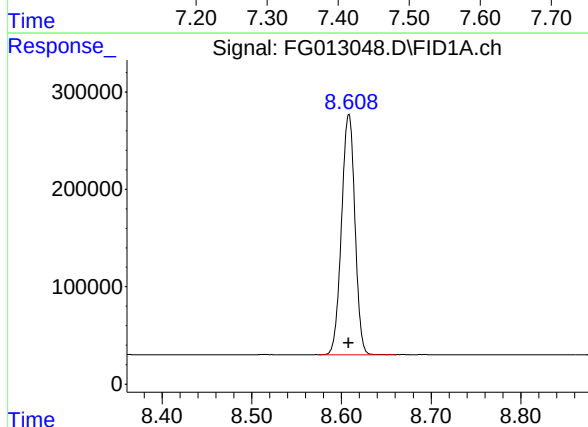
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 2610334
Conc: 21.41 ug/ml



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

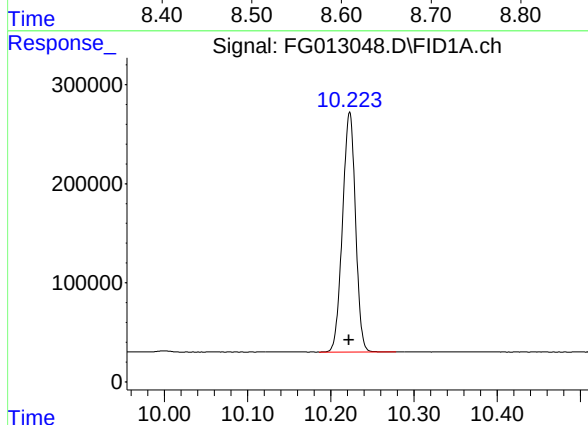
R.T.: 7.413 min
Delta R.T.: 0.000 min
Response: 2678881
Conc: 21.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



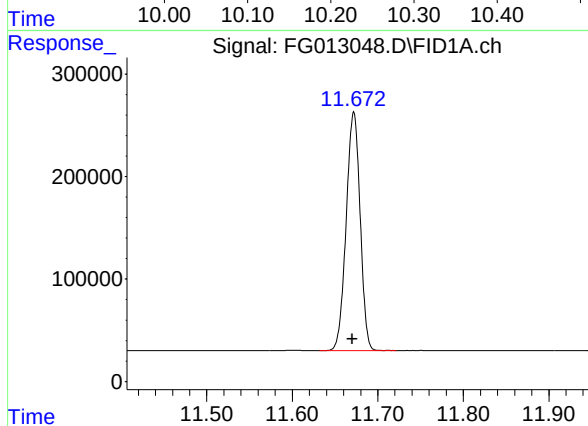
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 2565352
Conc: 21.44 ug/ml



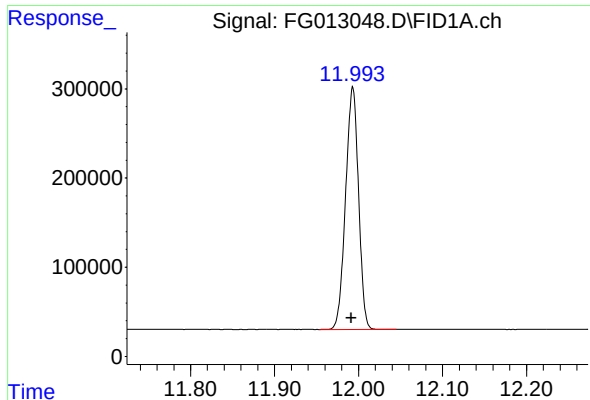
#7 n-Hexadecane (C16)

R.T.: 10.223 min
Delta R.T.: 0.001 min
Response: 2629381
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

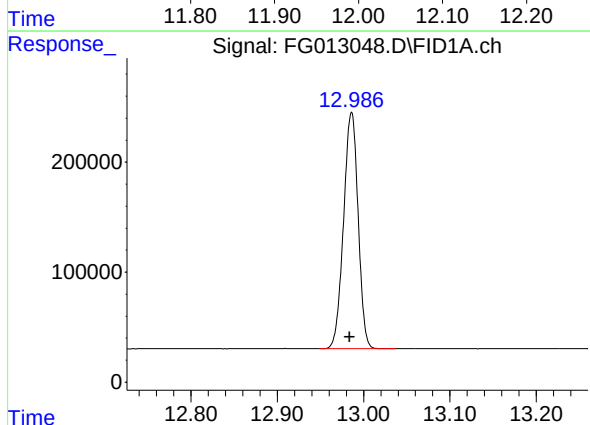
R.T.: 11.672 min
Delta R.T.: 0.002 min
Response: 2638238
Conc: 21.55 ug/ml



#9 ortho-Terphenyl (SURR)

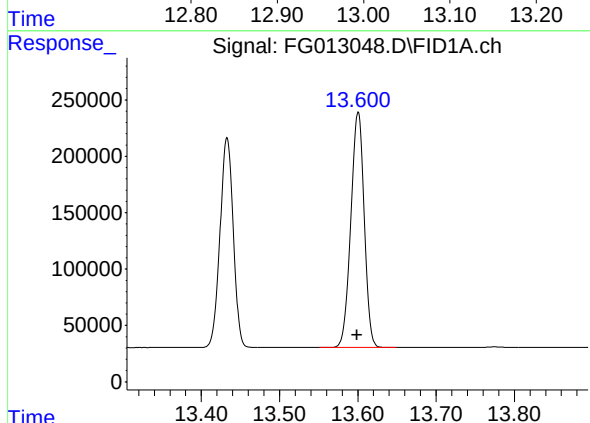
R.T.: 11.993 min
Delta R.T.: 0.002 min
Response: 2912048
Conc: 21.65 ug/ml

Instrument :
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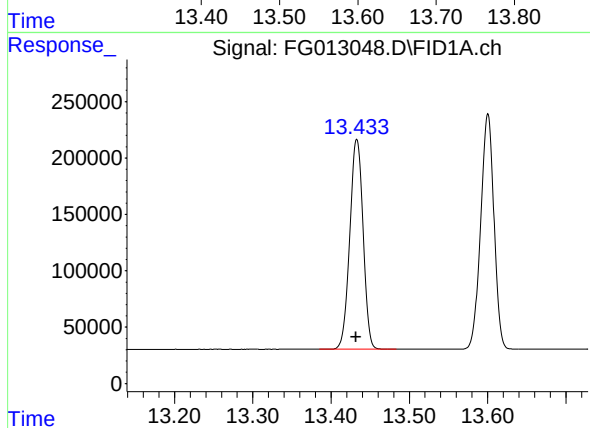
#10 n-Eicosane (C20)

R.T.: 12.986 min
Delta R.T.: 0.002 min
Response: 2517939
Conc: 21.57 ug/ml



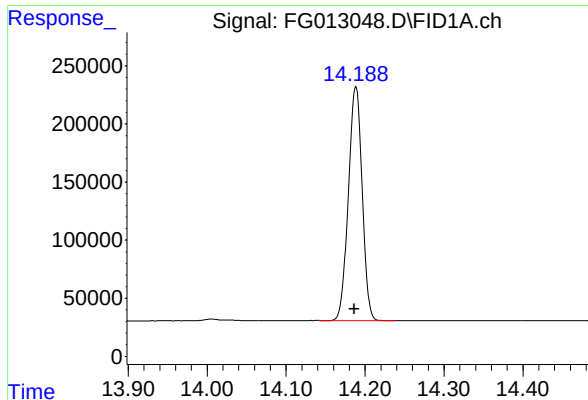
#11 n-Heneicosane (C21)

R.T.: 13.601 min
Delta R.T.: 0.002 min
Response: 2463846
Conc: 21.58 ug/ml



#12 1-chlorooctadecane (SURR)

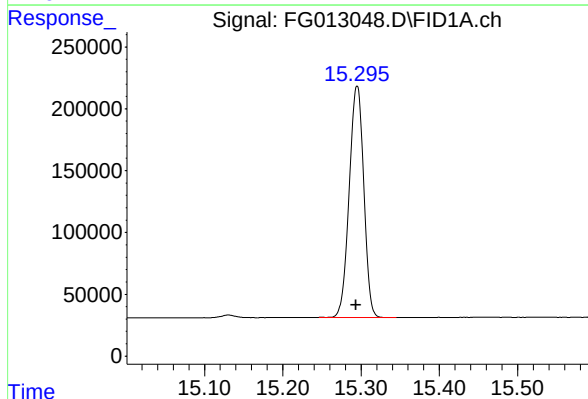
R.T.: 13.433 min
Delta R.T.: 0.000 min
Response: 2185234
Conc: 21.68 ug/ml



#13 n-Docosane (C22)

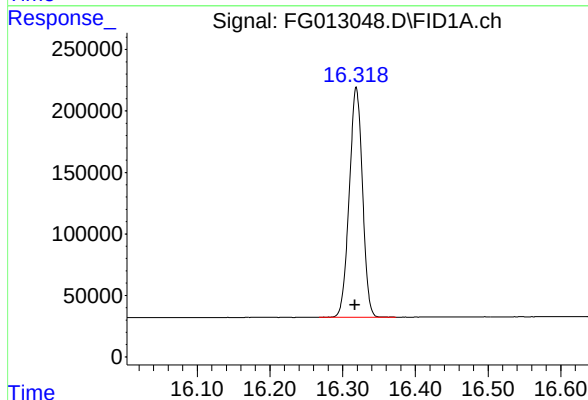
R.T.: 14.188 min
Delta R.T.: 0.002 min
Response: 2438433
Conc: 21.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



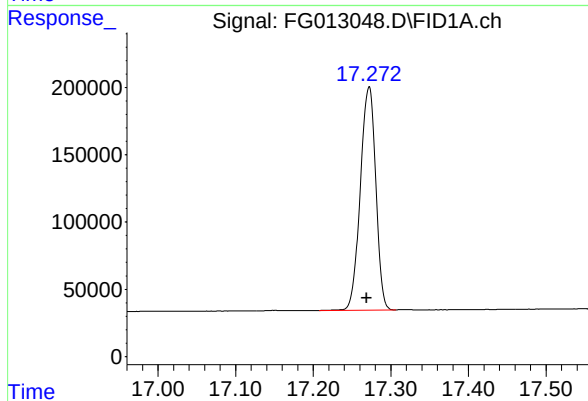
#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.002 min
Response: 2410178
Conc: 21.29 ug/ml



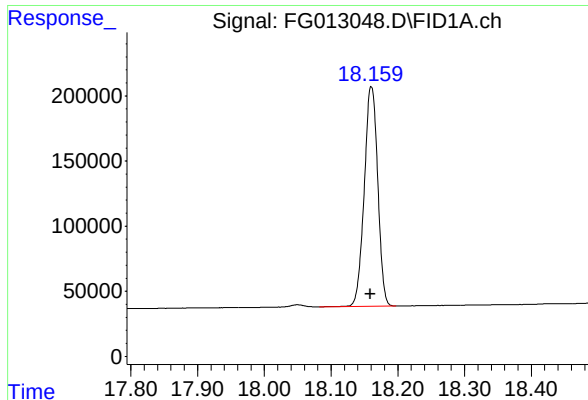
#15 n-Hexacosane (C26)

R.T.: 16.319 min
Delta R.T.: 0.002 min
Response: 2357347
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

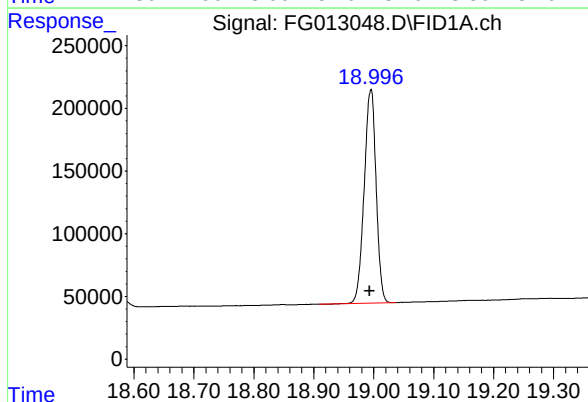
R.T.: 17.272 min
Delta R.T.: 0.003 min
Response: 2306312
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

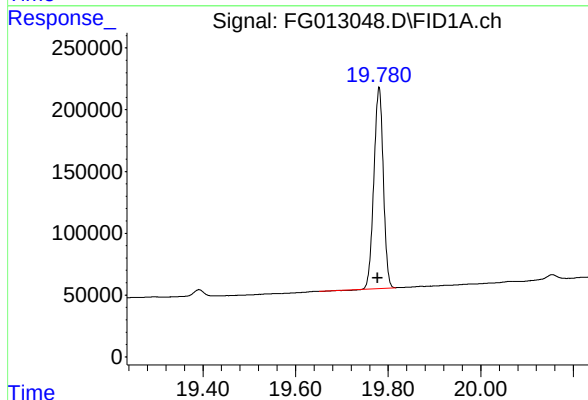
R.T.: 18.160 min
Delta R.T.: 0.001 min
Response: 2365970
Conc: 20.66 ug/ml

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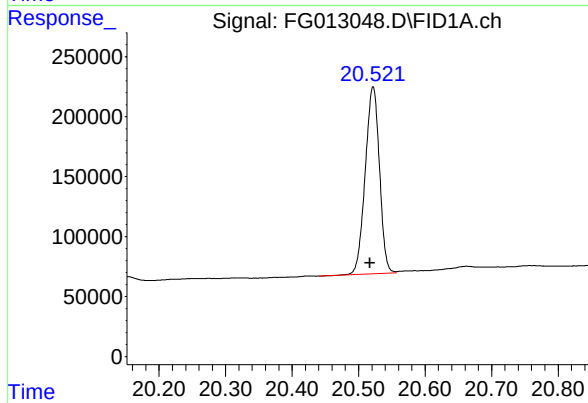
#18 n-Dotriacontane (C32)

R.T.: 18.995 min
Delta R.T.: 0.002 min
Response: 2350897
Conc: 20.48 ug/ml



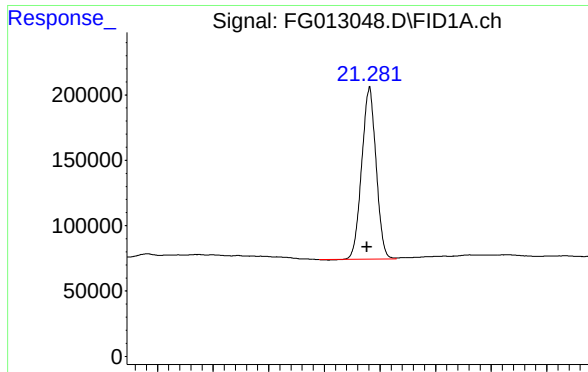
#19 n-Tetratriacontane (C34)

R.T.: 19.780 min
Delta R.T.: 0.003 min
Response: 2296632
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

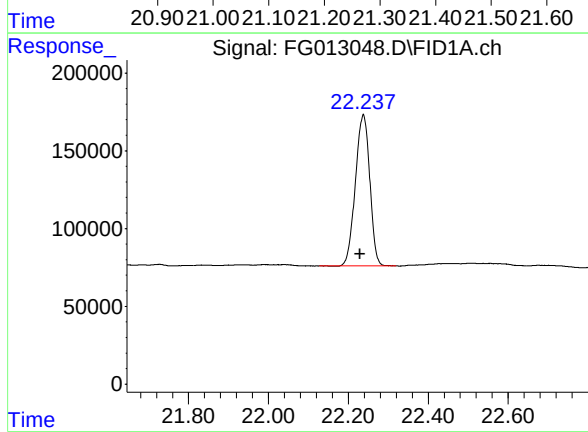
R.T.: 20.522 min
Delta R.T.: 0.005 min
Response: 2317573
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.281 min
Delta R.T.: 0.004 min
Response: 2354444
Conc: 20.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.237 min
Delta R.T.: 0.008 min
Response: 2433240
Conc: 21.02 ug/ml