

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013817.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 22:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 11 05:17:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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)	11.965	3061227	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.405	2345366	19.876 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.326	2747532	20.656 ug/ml
2) T n-Decane (C10)	4.580	2803535	20.623 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3032950	20.528 ug/ml
4) T n-Dodecane (C12)	6.750	2823599	20.580 ug/ml
5) T A~2-methylnaphthalene...	7.386	2942980	20.508 ug/ml
6) T n-Tetradecane (C14)	8.583	2801529	20.469 ug/ml
7) T n-Hexadecane (C16)	10.197	2905080	20.341 ug/ml
8) T n-Octadecane (C18)	11.644	2943697	20.208 ug/ml
10) T n-Eicosane (C20)	12.959	2821184	20.014 ug/ml
11) T n-Heneicosane (C21)	13.573	2767266	19.923 ug/ml
13) T n-Docosane (C22)	14.162	2744043	19.846 ug/ml
14) T n-Tetracosane (C24)	15.268	2714504	19.675 ug/ml
15) T n-Hexacosane (C26)	16.293	2647209	19.589 ug/ml
16) T n-Octacosane (C28)	17.246	2560667	19.515 ug/ml
17) T n-Tricontane (C30)	18.136	2565798	19.437 ug/ml
18) T n-Dotriacontane (C32)	18.970	2495386	19.045 ug/ml
19) T n-Tetratriacontane (C34)	19.756	2374381	19.469 ug/ml
20) T n-Hexatriacontane (C36)	20.496	2258629	19.582 ug/ml
21) T n-Octatriacontane (C38)	21.251	2171915	20.109 ug/ml
22) T n-Tetracontane (C40)	22.191	2061611	19.820 ug/ml

(f)=RT Delta > 1/2 Window

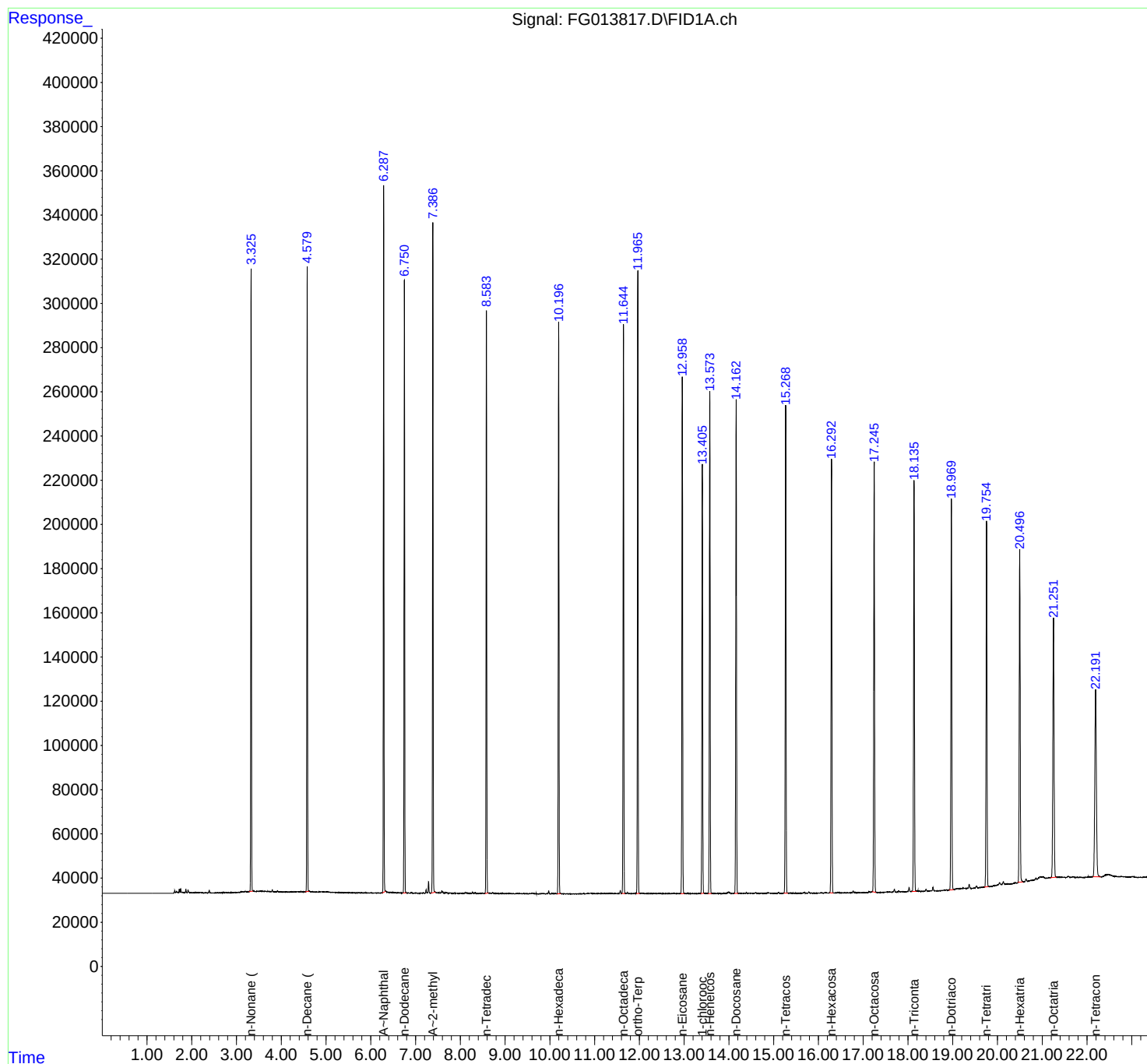
(m)=manual int.

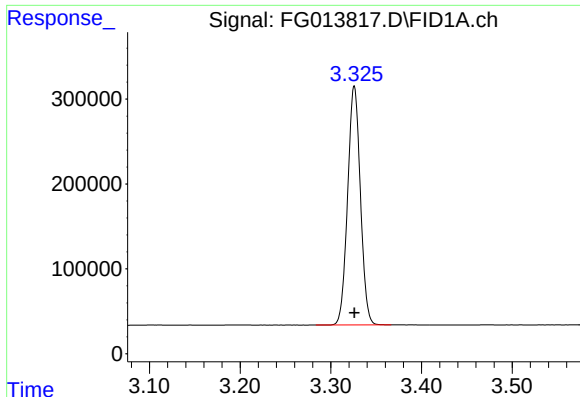
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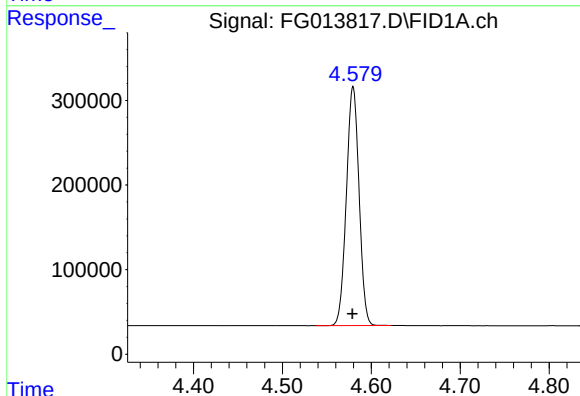




#1 n-Nonane (C9)

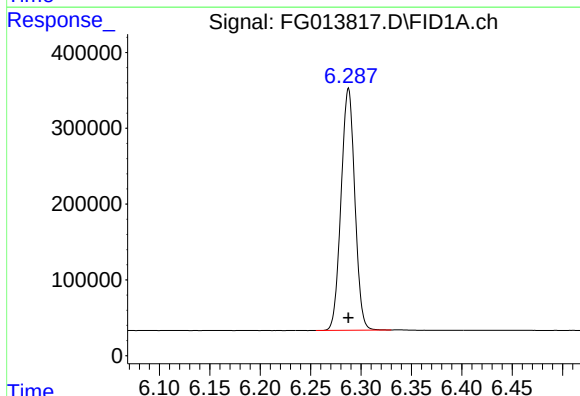
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 2747532
Conc: 20.66 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



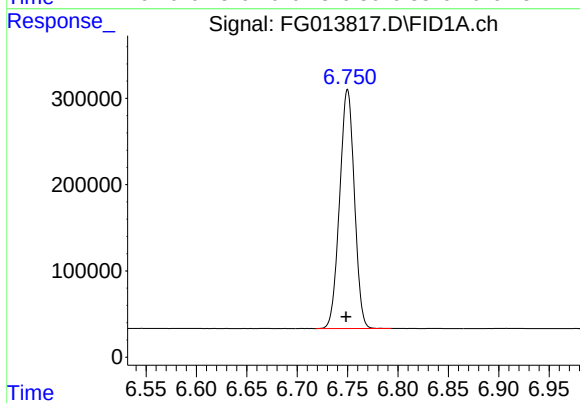
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 2803535
Conc: 20.62 ug/ml



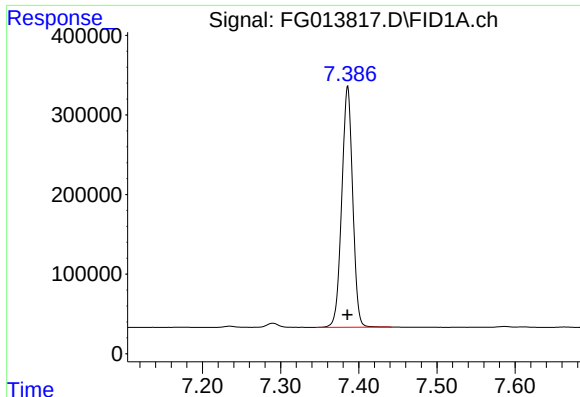
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 3032950
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

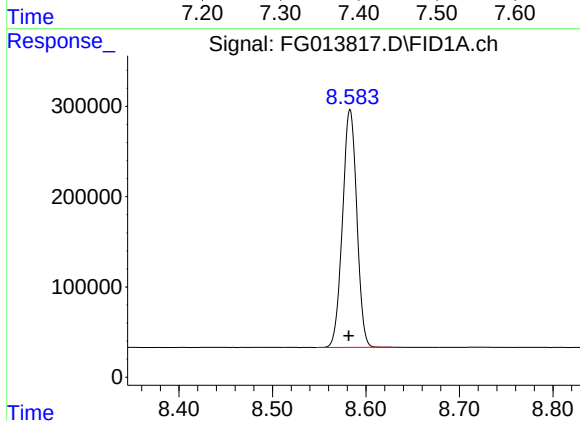
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 2823599
Conc: 20.58 ug/ml



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

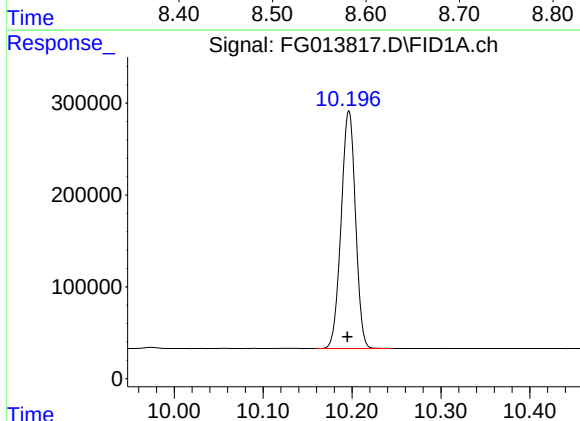
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2942980
Conc: 20.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



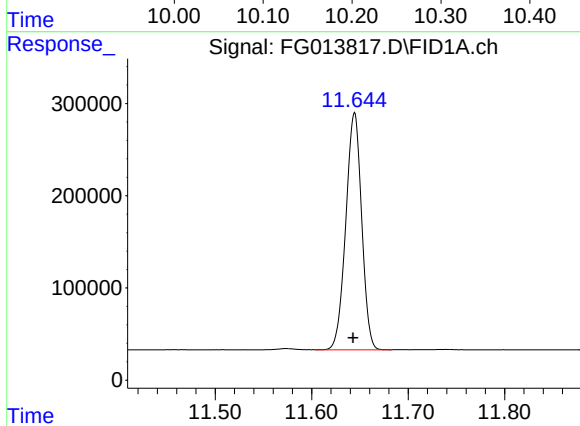
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.002 min
Response: 2801529
Conc: 20.47 ug/ml



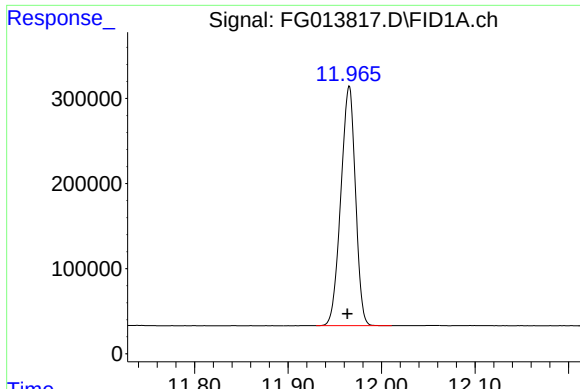
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: 0.002 min
Response: 2905080
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

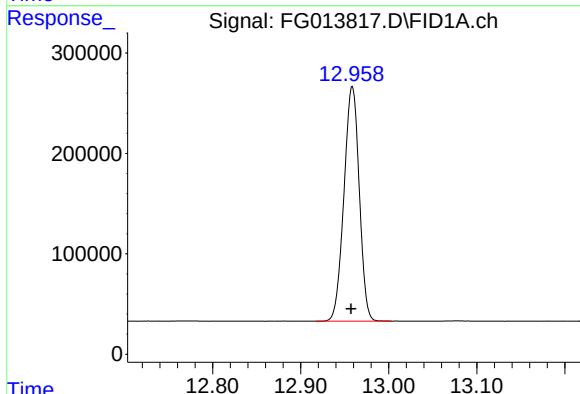
R.T.: 11.644 min
Delta R.T.: 0.002 min
Response: 2943697
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

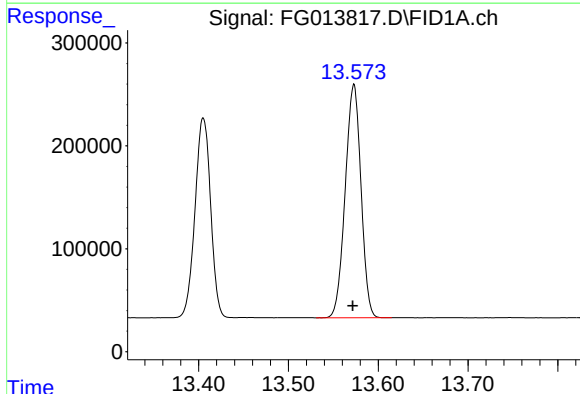
R.T.: 11.965 min
Delta R.T.: 0.002 min
Response: 3061227
Conc: 20.21 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



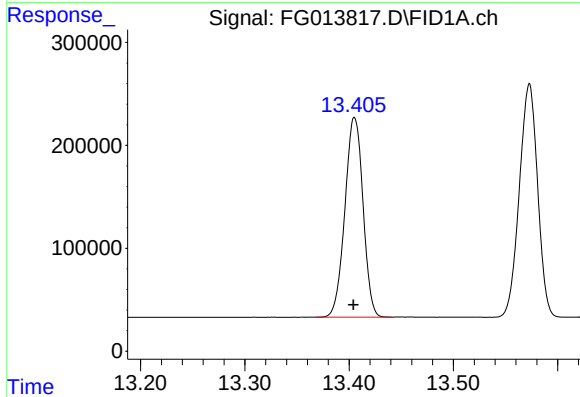
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 2821184
Conc: 20.01 ug/ml



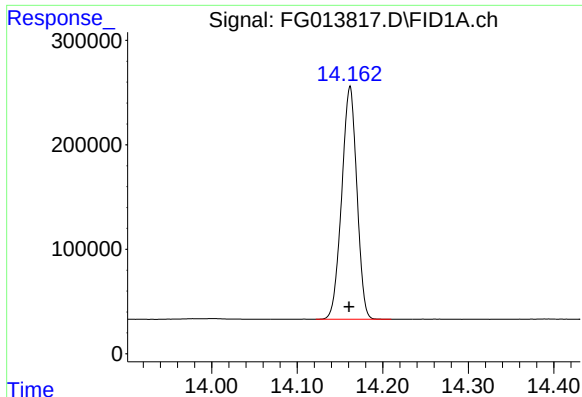
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.001 min
Response: 2767266
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

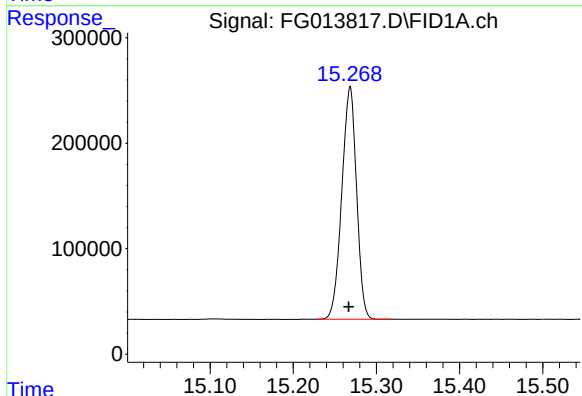
R.T.: 13.405 min
Delta R.T.: 0.001 min
Response: 2345366
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

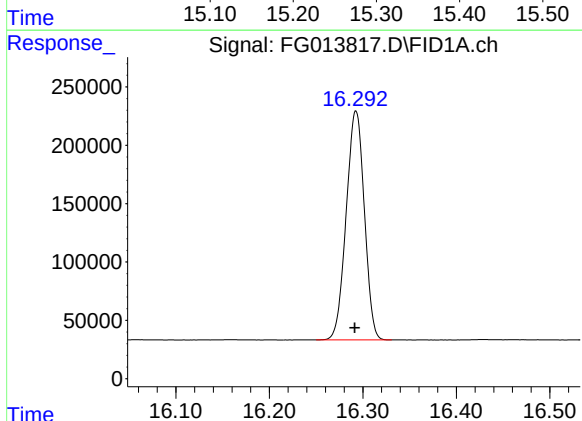
R.T.: 14.162 min
Delta R.T.: 0.001 min
Response: 2744043
Conc: 19.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



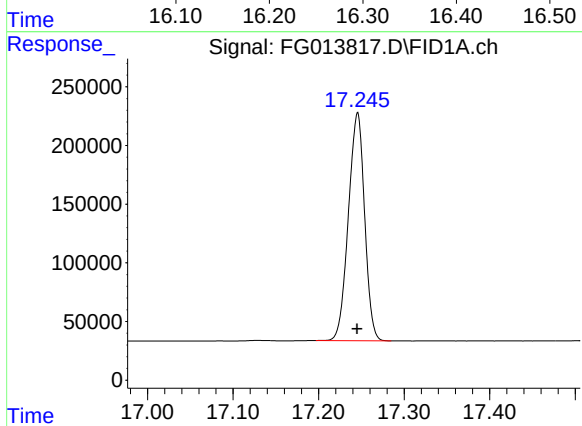
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.002 min
Response: 2714504
Conc: 19.67 ug/ml



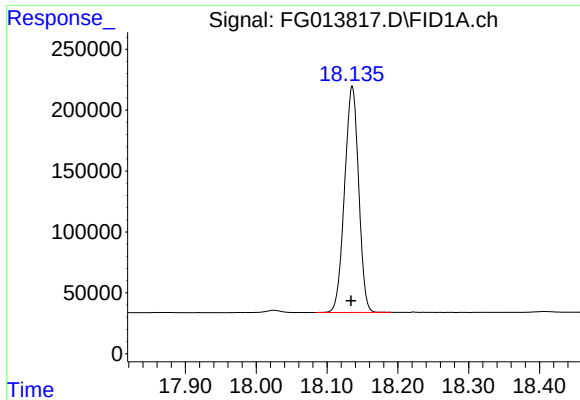
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.001 min
Response: 2647209
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

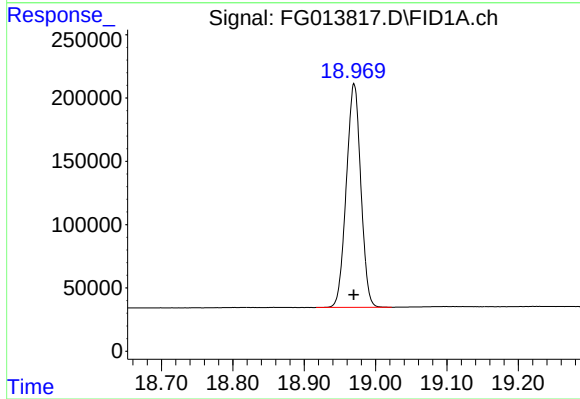
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2560667
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

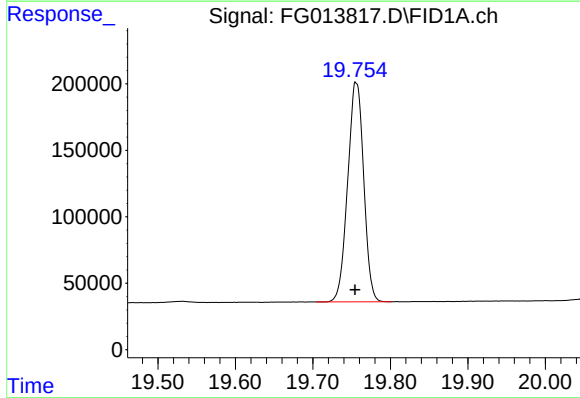
R.T.: 18.136 min
Delta R.T.: 0.001 min
Response: 2565798
Conc: 19.44 ug/ml

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20 PPM ALIPHATIC HC STD



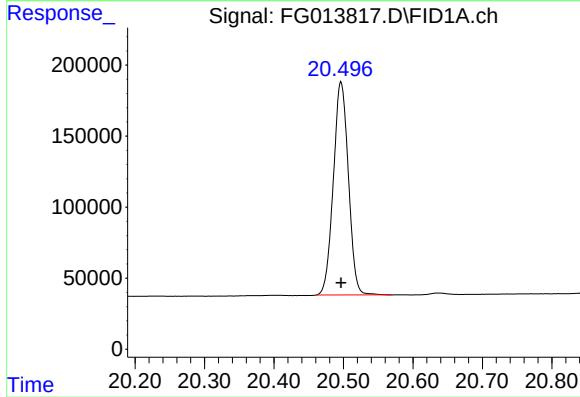
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: 0.000 min
Response: 2495386
Conc: 19.04 ug/ml



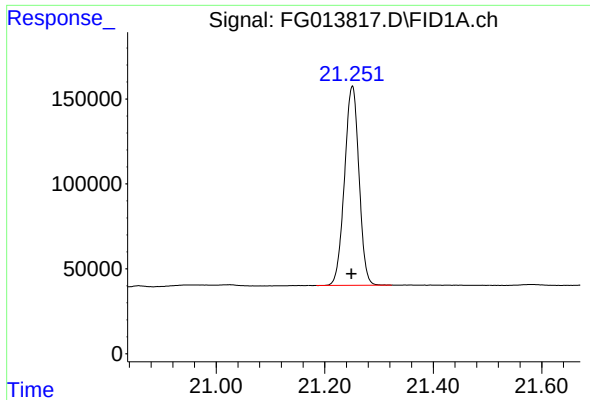
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.001 min
Response: 2374381
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

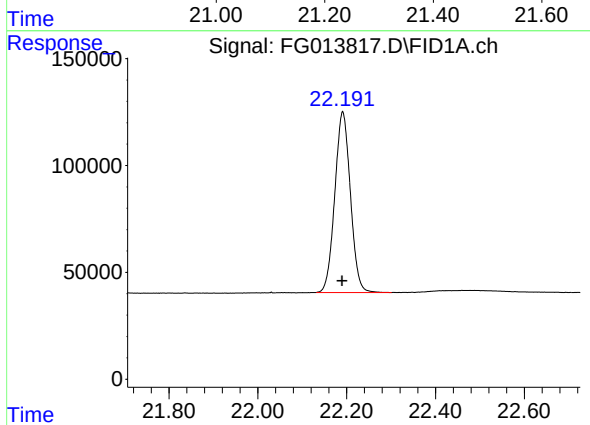
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 2258629
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.002 min
Response: 2171915
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.001 min
Response: 2061611
Conc: 19.82 ug/ml