

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016429.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:02
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 28 11:16:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Thu Aug 28 11:12:40 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)	12.081	6396961	50.021 ug/ml
Spiked Amount 50.000		Recovery =	100.04%
12) S 1-chlorooctadecane (S...	13.525	4872054	50.079 ug/ml
Spiked Amount 50.000		Recovery =	100.16%
Target Compounds			
1) T n-Nonane (C9)	3.396	5441270	49.854 ug/ml
2) T n-Decane (C10)	4.658	5547230	49.903 ug/ml
3) T A~Naphthalene (C11.7)	6.379	6076964	50.133 ug/ml
4) T n-Dodecane (C12)	6.840	5606578	49.940 ug/ml
5) T A~2-methylnaphthalene...	7.483	5875988	50.064 ug/ml
6) T n-Tetradecane (C14)	8.681	5566677	49.934 ug/ml
7) T n-Hexadecane (C16)	10.301	5760957	50.008 ug/ml
8) T n-Octadecane (C18)	11.755	5825525	50.006 ug/ml
10) T n-Eicosane (C20)	13.075	5620589	50.013 ug/ml
11) T n-Heneicosane (C21)	13.692	5535080	50.018 ug/ml
13) T n-Docosane (C22)	14.282	5516812	50.077 ug/ml
14) T n-Tetracosane (C24)	15.395	5482557	50.062 ug/ml
15) T n-Hexacosane (C26)	16.423	5356075	50.057 ug/ml
16) T n-Octacosane (C28)	17.379	5201394	50.079 ug/ml
17) T n-Tricontane (C30)	18.273	5182510	49.863 ug/ml
18) T n-Dotriacontane (C32)	19.110	4921339	49.675 ug/ml
19) T n-Tetratriacontane (C34)	19.899	4512847	49.716 ug/ml
20) T n-Hexatriacontane (C36)	20.643	3957606	49.703 ug/ml
21) T n-Octatriacontane (C38)	21.430	3650560	49.748 ug/ml
22) T n-Tetracontane (C40)	22.430	3528320	49.813 ug/ml

(f)=RT Delta > 1/2 Window

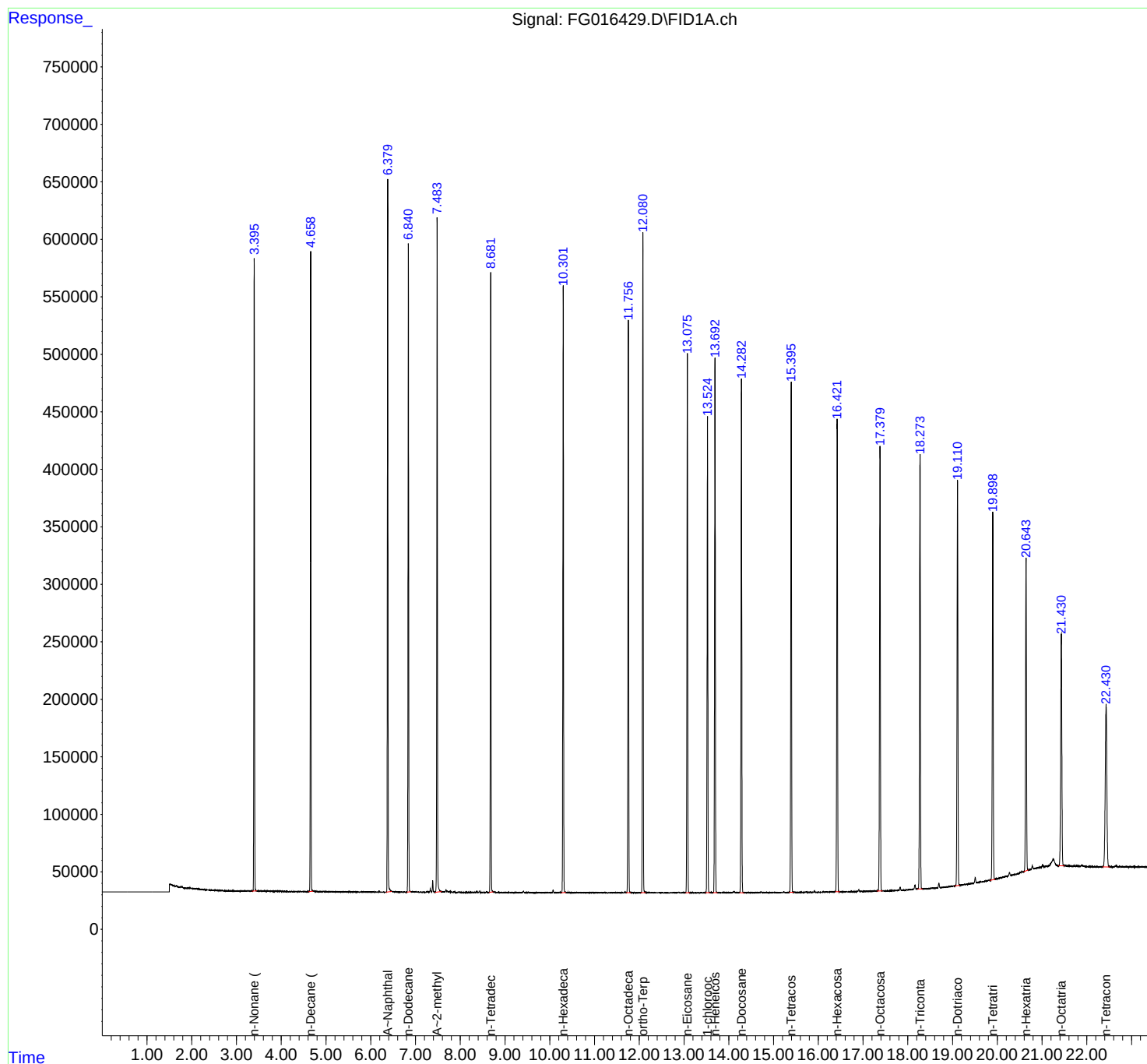
(m)=manual int.

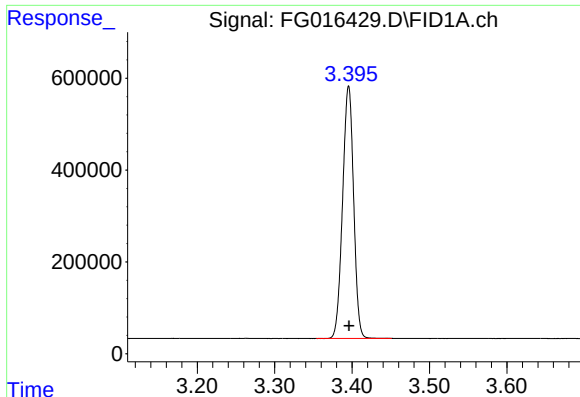
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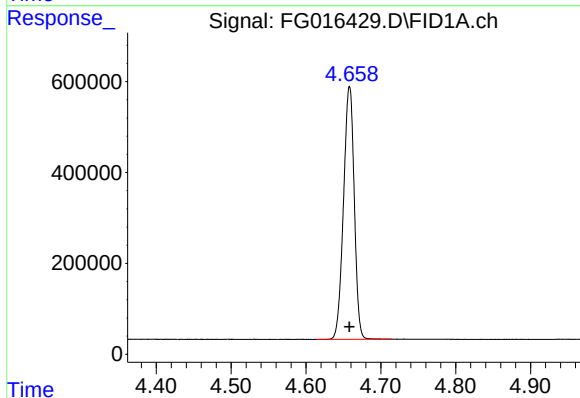




#1 n-Nonane (C9)

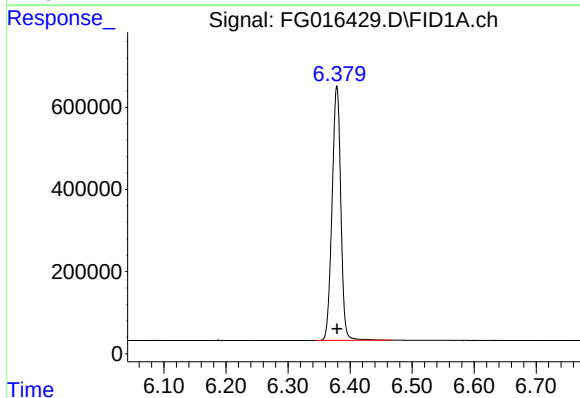
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 5441270
Conc: 49.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



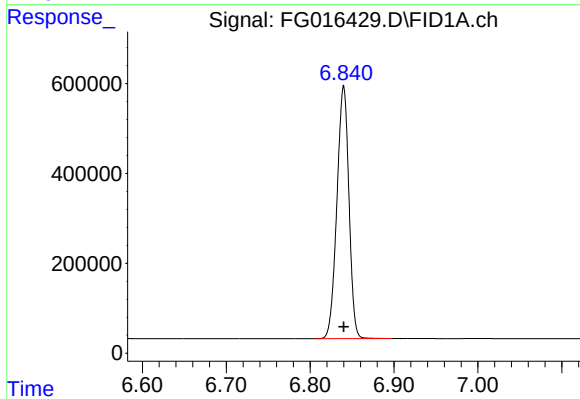
#2 n-Decane (C10)

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 5547230
Conc: 49.90 ug/ml



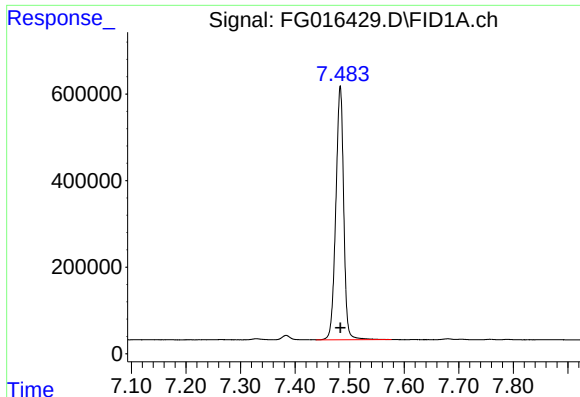
#3 A~Naphthalene (C11.7)

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 6076964
Conc: 50.13 ug/ml



#4 n-Dodecane (C12)

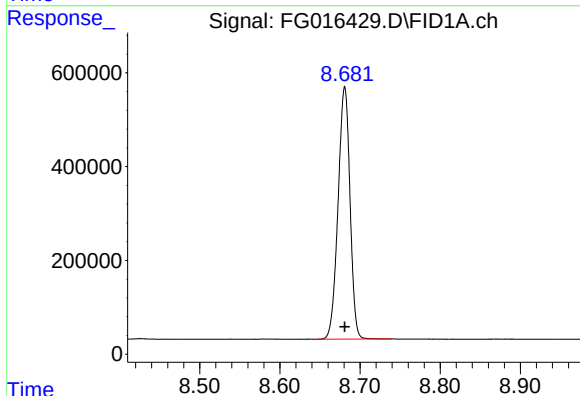
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 5606578
Conc: 49.94 ug/ml



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

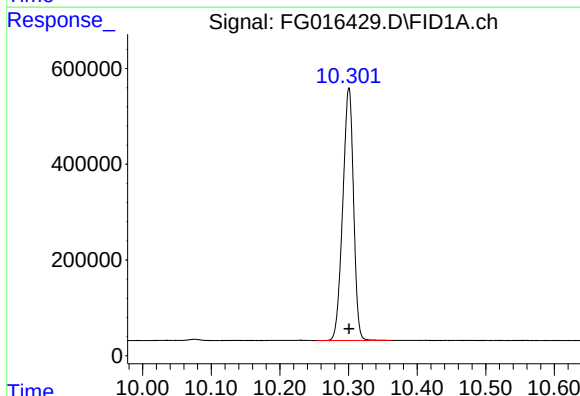
R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 5875988
Conc: 50.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



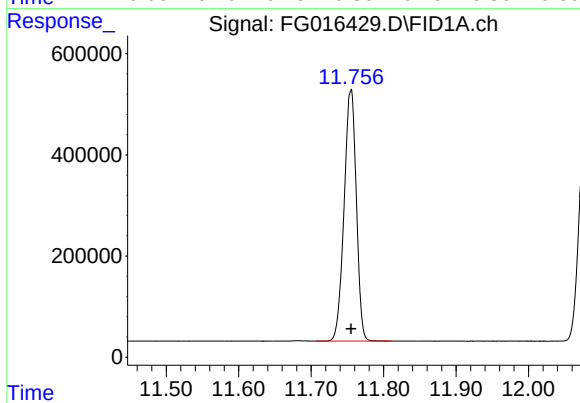
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 5566677
Conc: 49.93 ug/ml



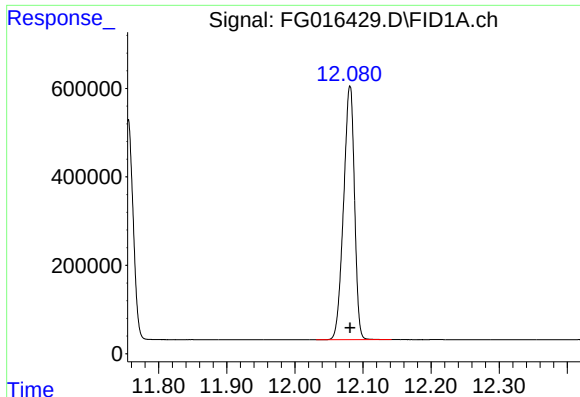
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 5760957
Conc: 50.01 ug/ml



#8 n-Octadecane (C18)

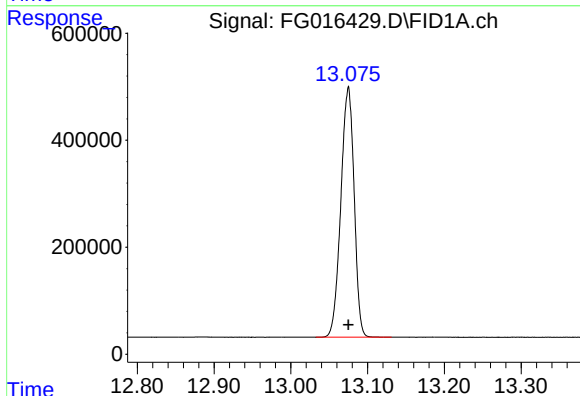
R.T.: 11.755 min
Delta R.T.: 0.000 min
Response: 5825525
Conc: 50.01 ug/ml



#9 ortho-Terphenyl (SURR)

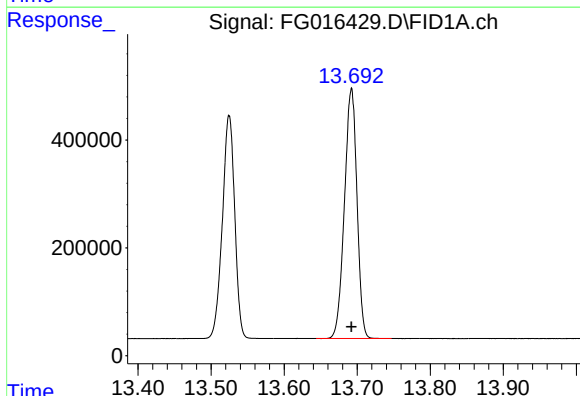
R.T.: 12.081 min
Delta R.T.: 0.000 min
Response: 6396961
Conc: 50.02 ug/ml

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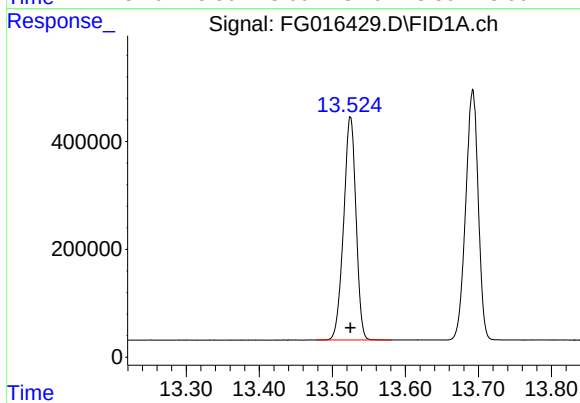
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.000 min
Response: 5620589
Conc: 50.01 ug/ml



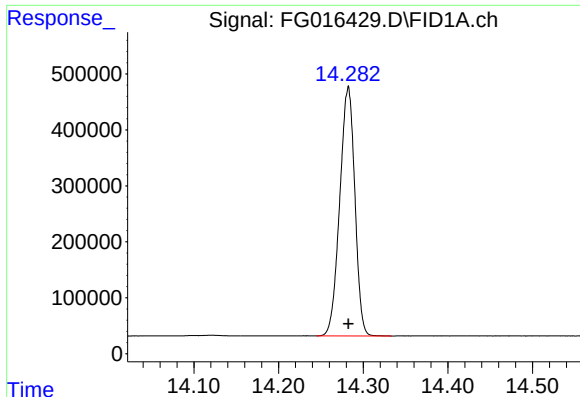
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 5535080
Conc: 50.02 ug/ml



#12 1-chlorooctadecane (SURR)

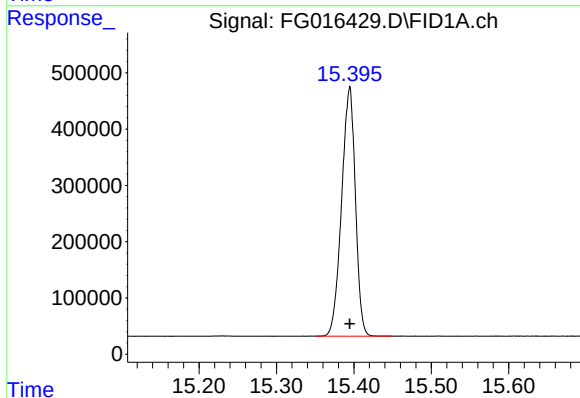
R.T.: 13.525 min
Delta R.T.: 0.000 min
Response: 4872054
Conc: 50.08 ug/ml



#13 n-Docosane (C22)

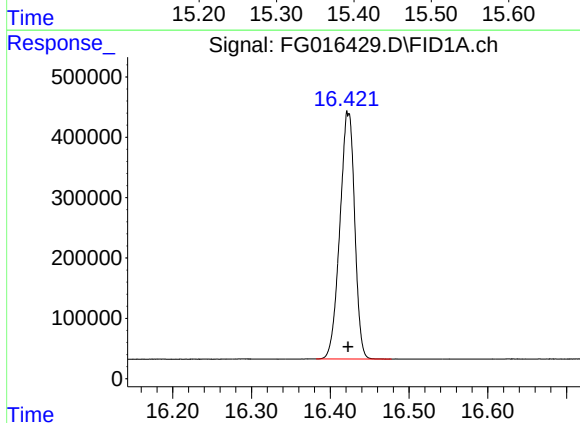
R.T.: 14.282 min
Delta R.T.: 0.000 min
Response: 5516812
Conc: 50.08 ug/ml

Instrument :
FID_G
ClientSampleId :
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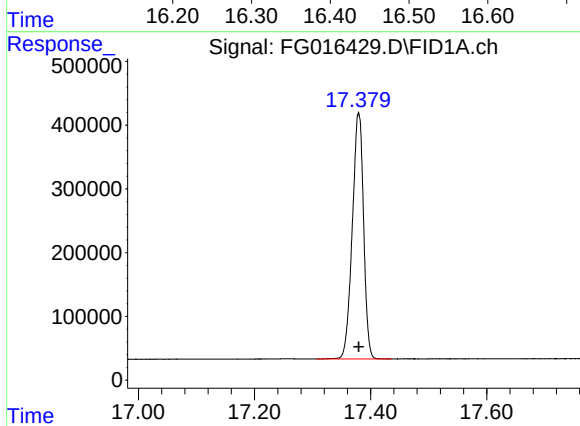
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: 0.000 min
Response: 5482557
Conc: 50.06 ug/ml



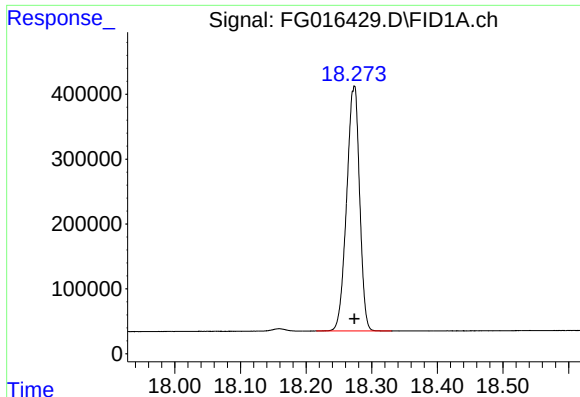
#15 n-Hexacosane (C26)

R.T.: 16.423 min
Delta R.T.: 0.000 min
Response: 5356075
Conc: 50.06 ug/ml



#16 n-Octacosane (C28)

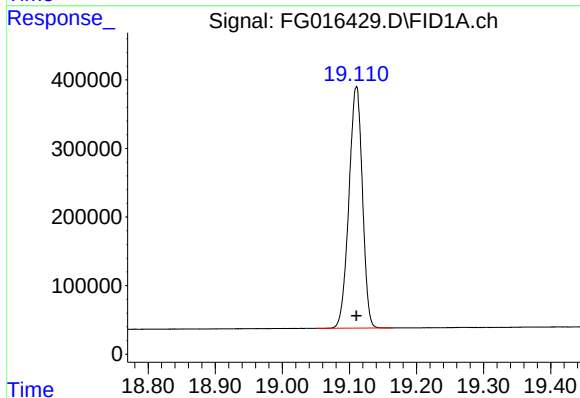
R.T.: 17.379 min
Delta R.T.: 0.000 min
Response: 5201394
Conc: 50.08 ug/ml



#17 n-Tricontane (C30)

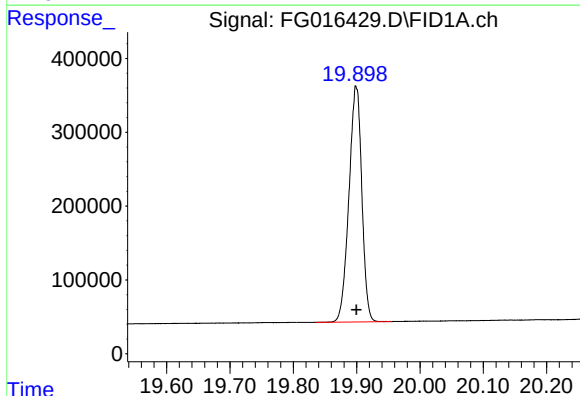
R.T.: 18.273 min
Delta R.T.: 0.000 min
Response: 5182510
Conc: 49.86 ug/ml

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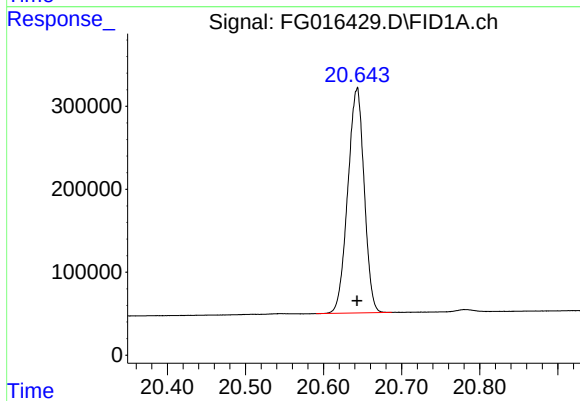
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: 0.000 min
Response: 4921339
Conc: 49.67 ug/ml



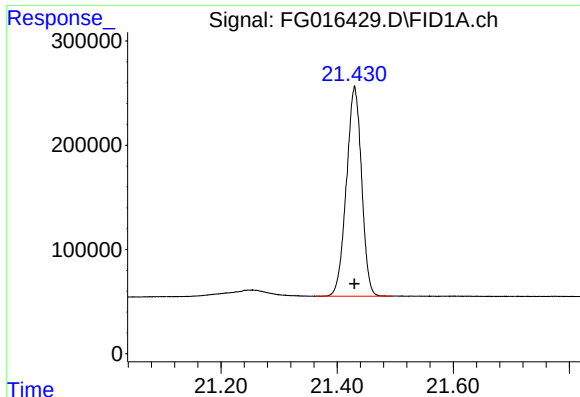
#19 n-Tetratriacontane (C34)

R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 4512847
Conc: 49.72 ug/ml



#20 n-Hexatriacontane (C36)

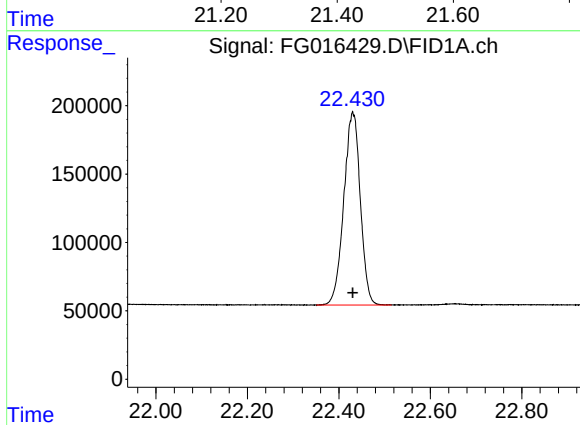
R.T.: 20.643 min
Delta R.T.: 0.000 min
Response: 3957606
Conc: 49.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.000 min
Response: 3650560
Conc: 49.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.430 min
Delta R.T.: 0.000 min
Response: 3528320
Conc: 49.81 ug/ml