

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013275.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 09:09
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 12 10:00:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 09:55:13 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)	11.980	6151993	49.005 ug/ml
Spiked Amount 50.000		Recovery =	98.01%
12) S 1-chlorooctadecane (S...	13.419	4462755	48.681 ug/ml
Spiked Amount 50.000		Recovery =	97.36%
Target Compounds			
1) T n-Nonane (C9)	3.332	5149027	49.867 ug/ml
2) T n-Decane (C10)	4.587	5203553	49.958 ug/ml
3) T A~Naphthalene (C11.7)	6.301	5595593	49.778 ug/ml
4) T n-Dodecane (C12)	6.762	5206116	49.899 ug/ml
5) T A~2-methylnaphthalene...	7.401	5455046	49.653 ug/ml
6) T n-Tetradecane (C14)	8.596	5113515	49.766 ug/ml
7) T n-Hexadecane (C16)	10.210	5179774	49.510 ug/ml
8) T n-Octadecane (C18)	11.658	5220251	49.149 ug/ml
10) T n-Eicosane (C20)	12.972	5065260	48.840 ug/ml
11) T n-Heneicosane (C21)	13.586	5004320	48.698 ug/ml
13) T n-Docosane (C22)	14.174	4969323	48.609 ug/ml
14) T n-Tetracosane (C24)	15.280	4966474	48.246 ug/ml
15) T n-Hexacosane (C26)	16.303	4860483	48.244 ug/ml
16) T n-Octacosane (C28)	17.255	4776864	48.140 ug/ml
17) T n-Tricontane (C30)	18.145	4832657	48.106 ug/ml
18) T n-Dotriacontane (C32)	18.978	4823094	48.190 ug/ml
19) T n-Tetratriacontane (C34)	19.762	4730552	48.346 ug/ml
20) T n-Hexatriacontane (C36)	20.503	4625003	48.258 ug/ml
21) T n-Octatriacontane (C38)	21.259	4373620	48.030 ug/ml
22) T n-Tetracontane (C40)	22.205	3955333	47.374 ug/ml

(f)=RT Delta > 1/2 Window

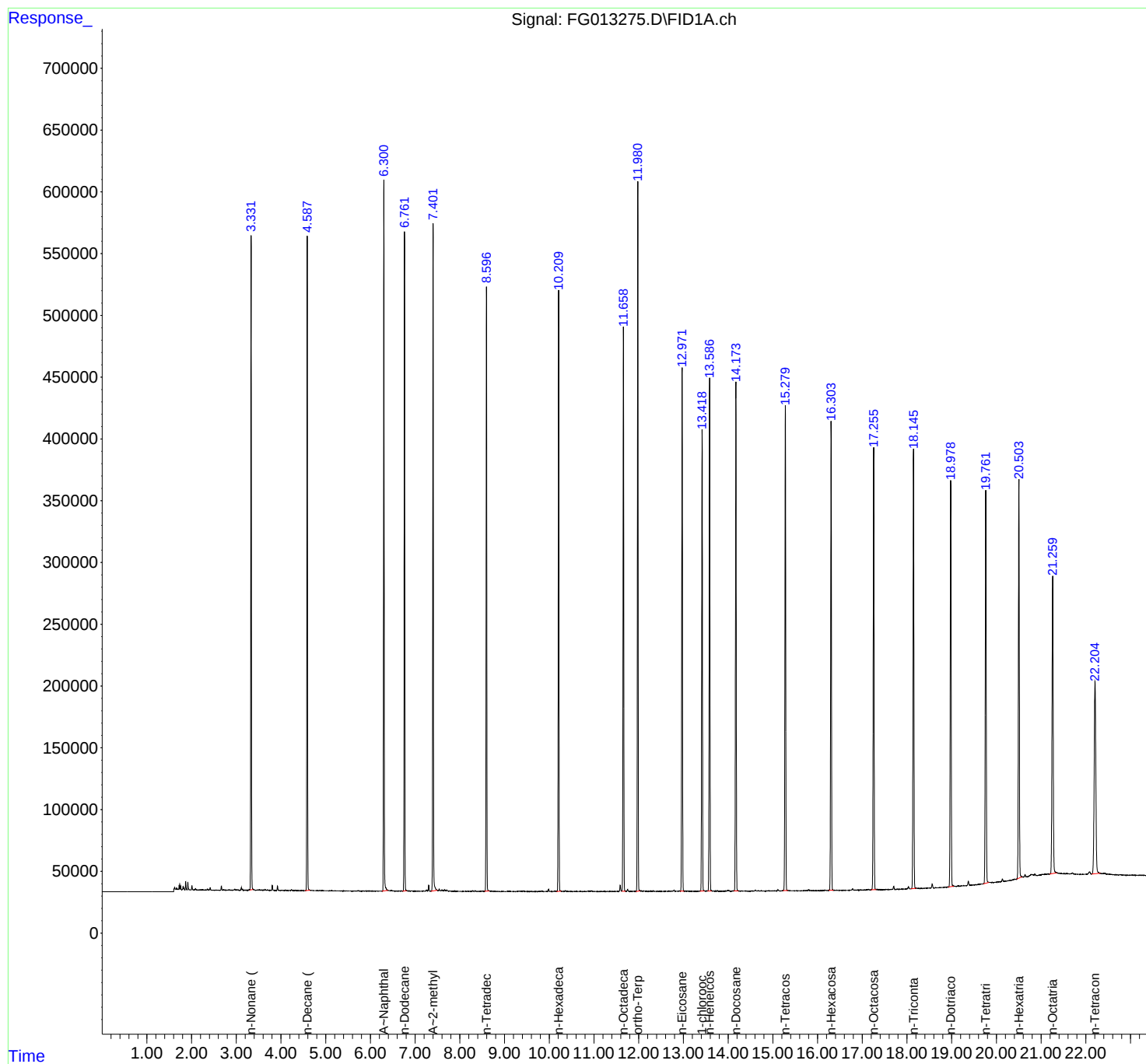
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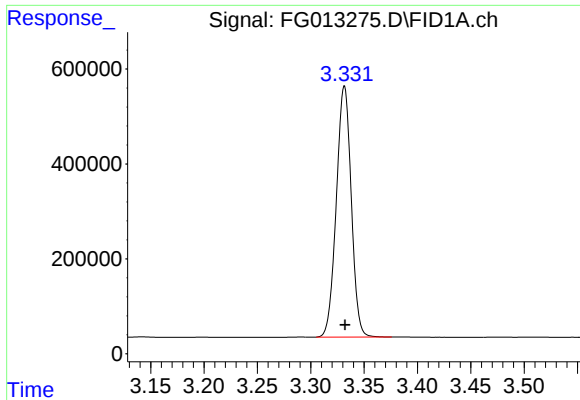
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
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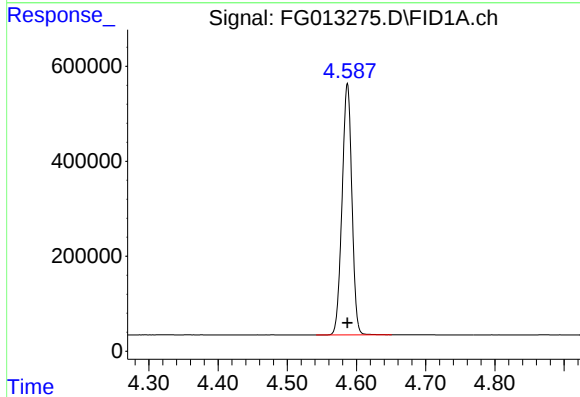




#1 n-Nonane (C9)

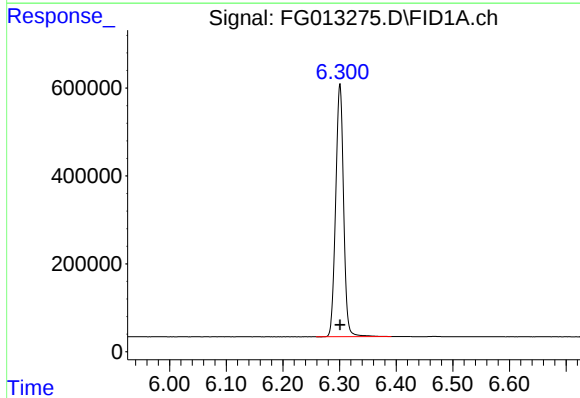
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 5149027
Conc: 49.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



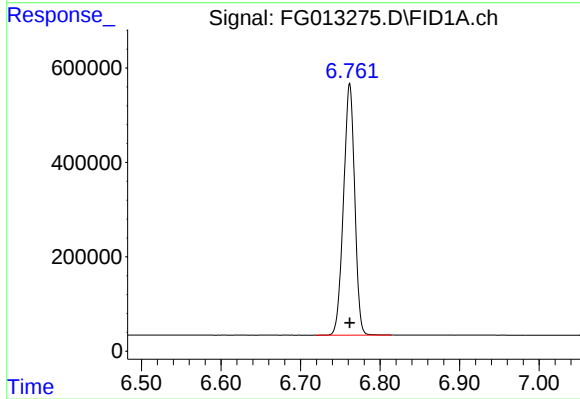
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 5203553
Conc: 49.96 ug/ml



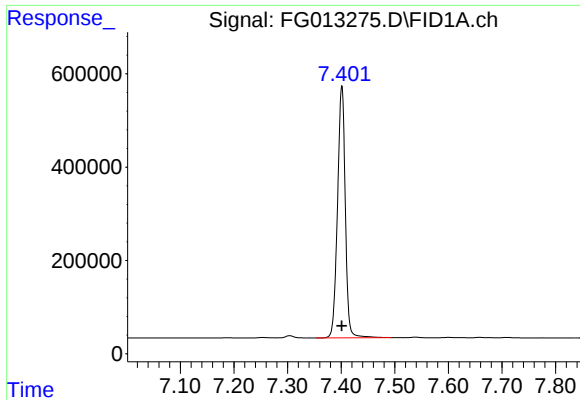
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 5595593
Conc: 49.78 ug/ml



#4 n-Dodecane (C12)

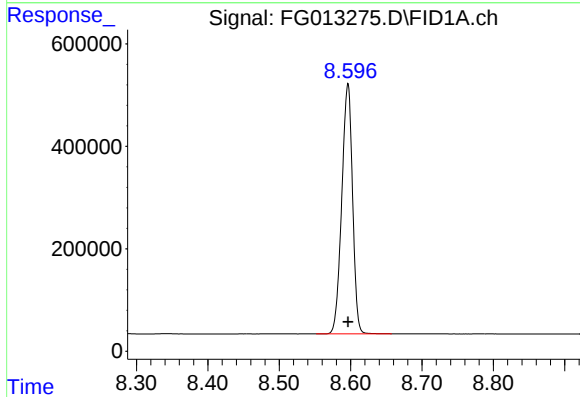
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 5206116
Conc: 49.90 ug/ml



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

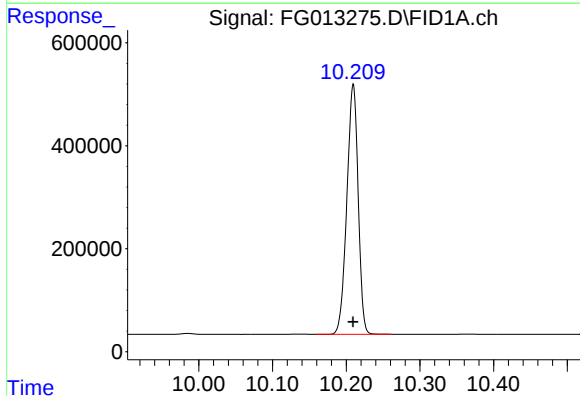
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 5455046
Conc: 49.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



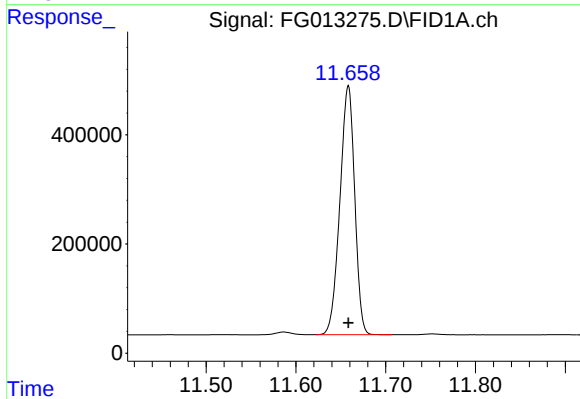
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 5113515
Conc: 49.77 ug/ml



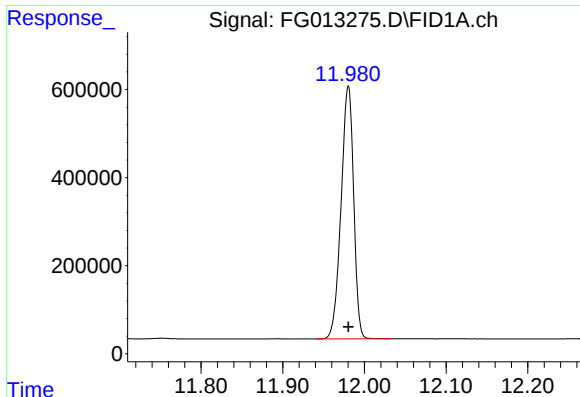
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 5179774
Conc: 49.51 ug/ml



#8 n-Octadecane (C18)

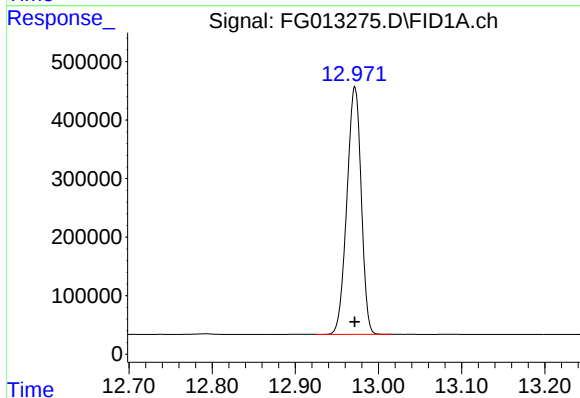
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 5220251
Conc: 49.15 ug/ml



#9 ortho-Terphenyl (SURR)

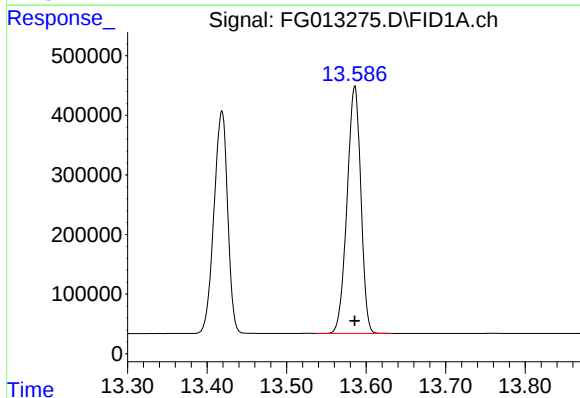
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 6151993
Conc: 49.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



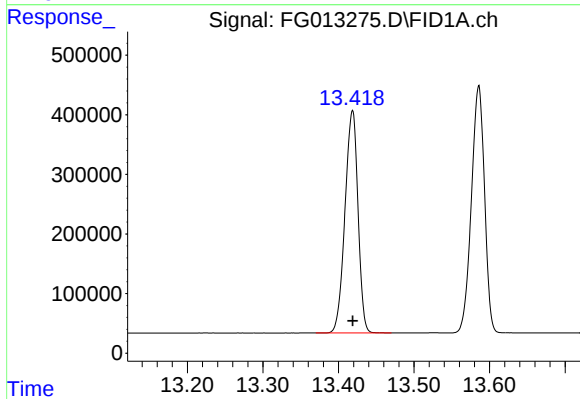
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 5065260
Conc: 48.84 ug/ml



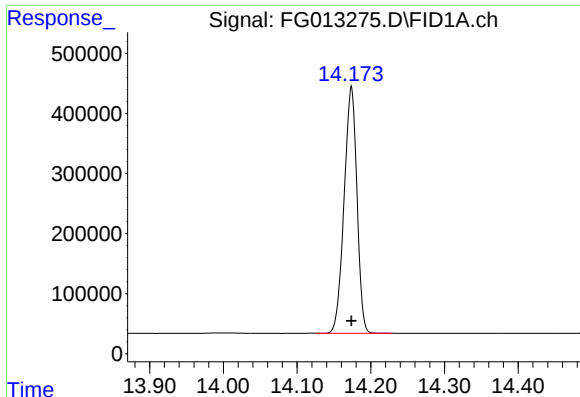
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.000 min
Response: 5004320
Conc: 48.70 ug/ml



#12 1-chlorooctadecane (SURR)

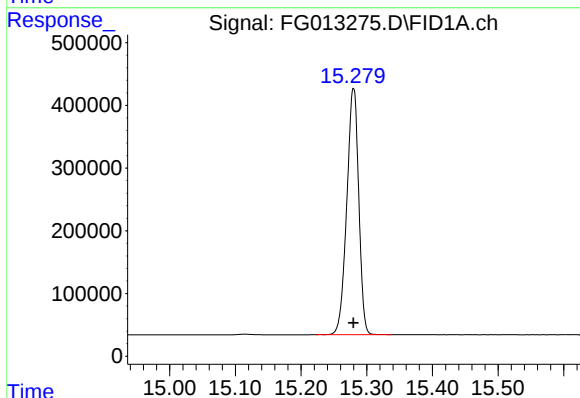
R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 4462755
Conc: 48.68 ug/ml



#13 n-Docosane (C22)

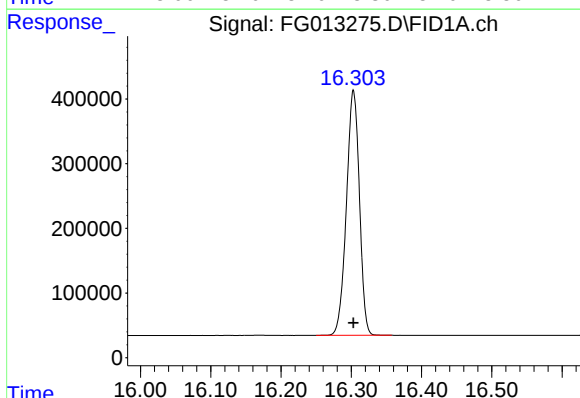
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 4969323
Conc: 48.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



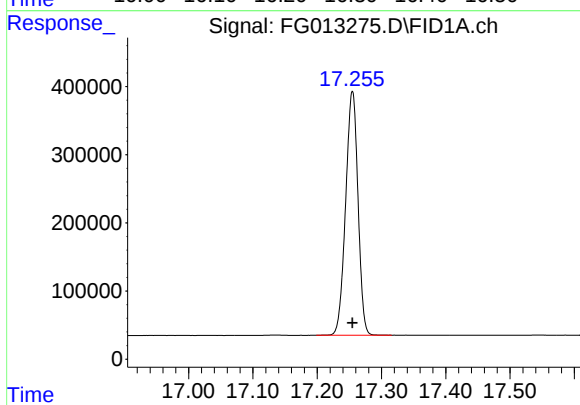
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 4966474
Conc: 48.25 ug/ml



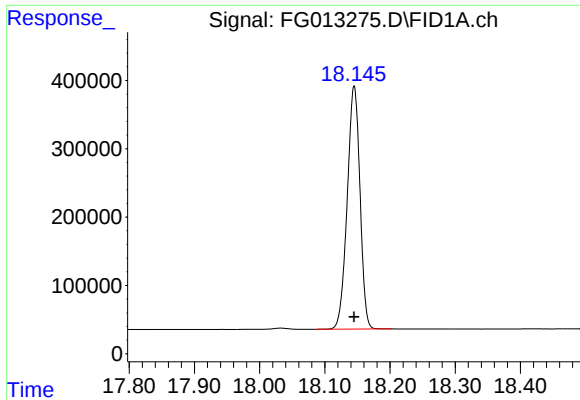
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 4860483
Conc: 48.24 ug/ml



#16 n-Octacosane (C28)

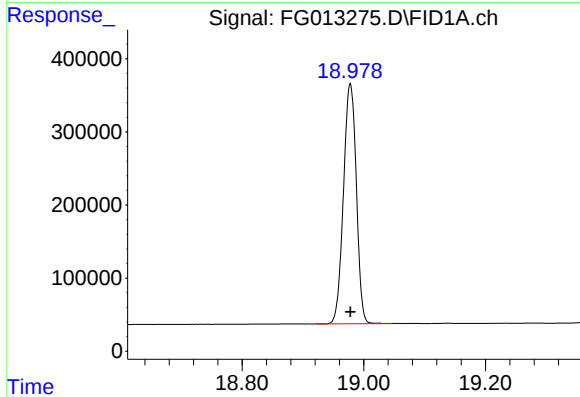
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 4776864
Conc: 48.14 ug/ml



#17 n-Tricontane (C30)

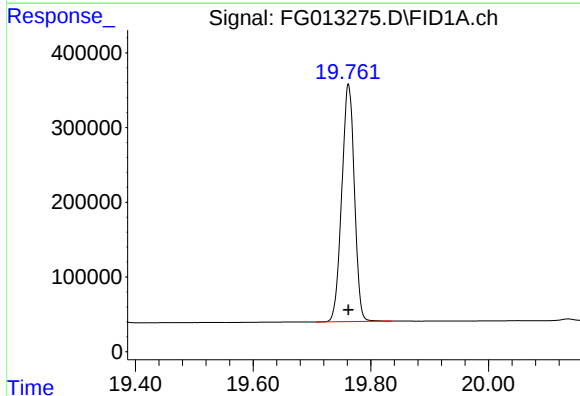
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 4832657
Conc: 48.11 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



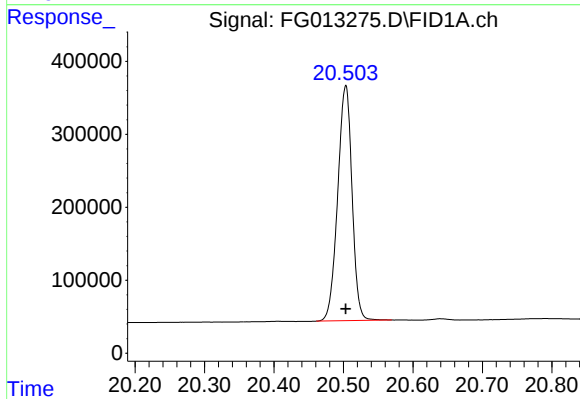
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 4823094
Conc: 48.19 ug/ml



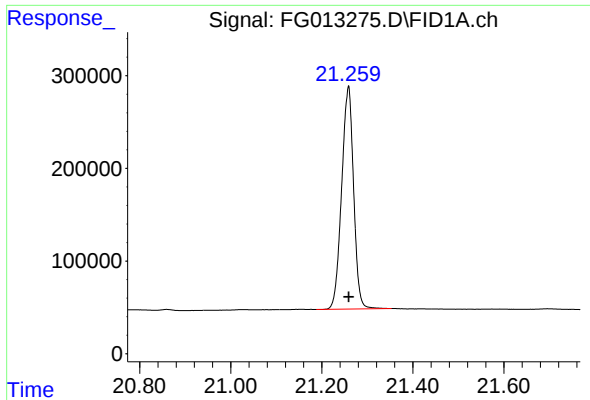
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 4730552
Conc: 48.35 ug/ml



#20 n-Hexatriacontane (C36)

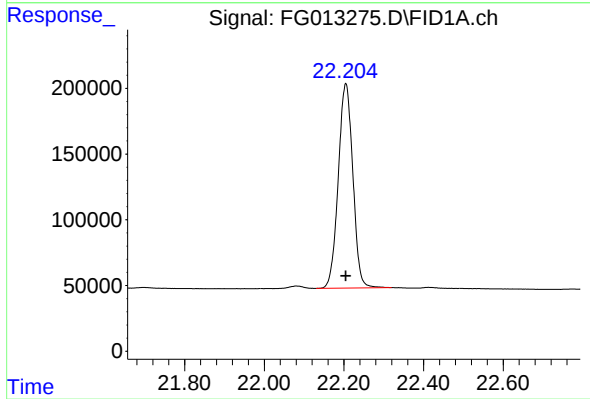
R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 4625003
Conc: 48.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 4373620
Conc: 48.03 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: 0.000 min
Response: 3955333
Conc: 47.37 ug/ml