

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015066.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 10:04
 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: Jan 14 10:45:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 10:41:47 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)	11.946	7437868	49.219 ug/ml
Spiked Amount 50.000		Recovery =	98.44%
12) S 1-chlorooctadecane (S...	13.391	5836752	49.242 ug/ml
Spiked Amount 50.000		Recovery =	98.48%
Target Compounds			
1) T n-Nonane (C9)	3.288	6139189	49.141 ug/ml
2) T n-Decane (C10)	4.548	6294140	49.158 ug/ml
3) T A~Naphthalene (C11.7)	6.258	6934772	49.186 ug/ml
4) T n-Dodecane (C12)	6.728	6452563	49.201 ug/ml
5) T A~2-methylnaphthalene...	7.360	6793040	49.230 ug/ml
6) T n-Tetradecane (C14)	8.564	6546492	49.250 ug/ml
7) T n-Hexadecane (C16)	10.179	6900463	49.248 ug/ml
8) T n-Octadecane (C18)	11.630	7063598	49.242 ug/ml
10) T n-Eicosane (C20)	12.945	6844759	49.260 ug/ml
11) T n-Heneicosane (C21)	13.560	6739701	49.224 ug/ml
13) T n-Docosane (C22)	14.149	6717972	49.279 ug/ml
14) T n-Tetracosane (C24)	15.256	6684115	49.452 ug/ml
15) T n-Hexacosane (C26)	16.282	6505634	49.470 ug/ml
16) T n-Octacosane (C28)	17.234	6317557	49.640 ug/ml
17) T n-Tricontane (C30)	18.125	6299830	49.685 ug/ml
18) T n-Dotriacontane (C32)	18.959	5948426	49.747 ug/ml
19) T n-Tetratriacontane (C34)	19.745	5130304	49.622 ug/ml
20) T n-Hexatriacontane (C36)	20.485	4387407	49.437 ug/ml
21) T n-Octatriacontane (C38)	21.235	4131630	49.378 ug/ml
22) T n-Tetracontane (C40)	22.175	4040357	49.662 ug/ml

(f)=RT Delta > 1/2 Window

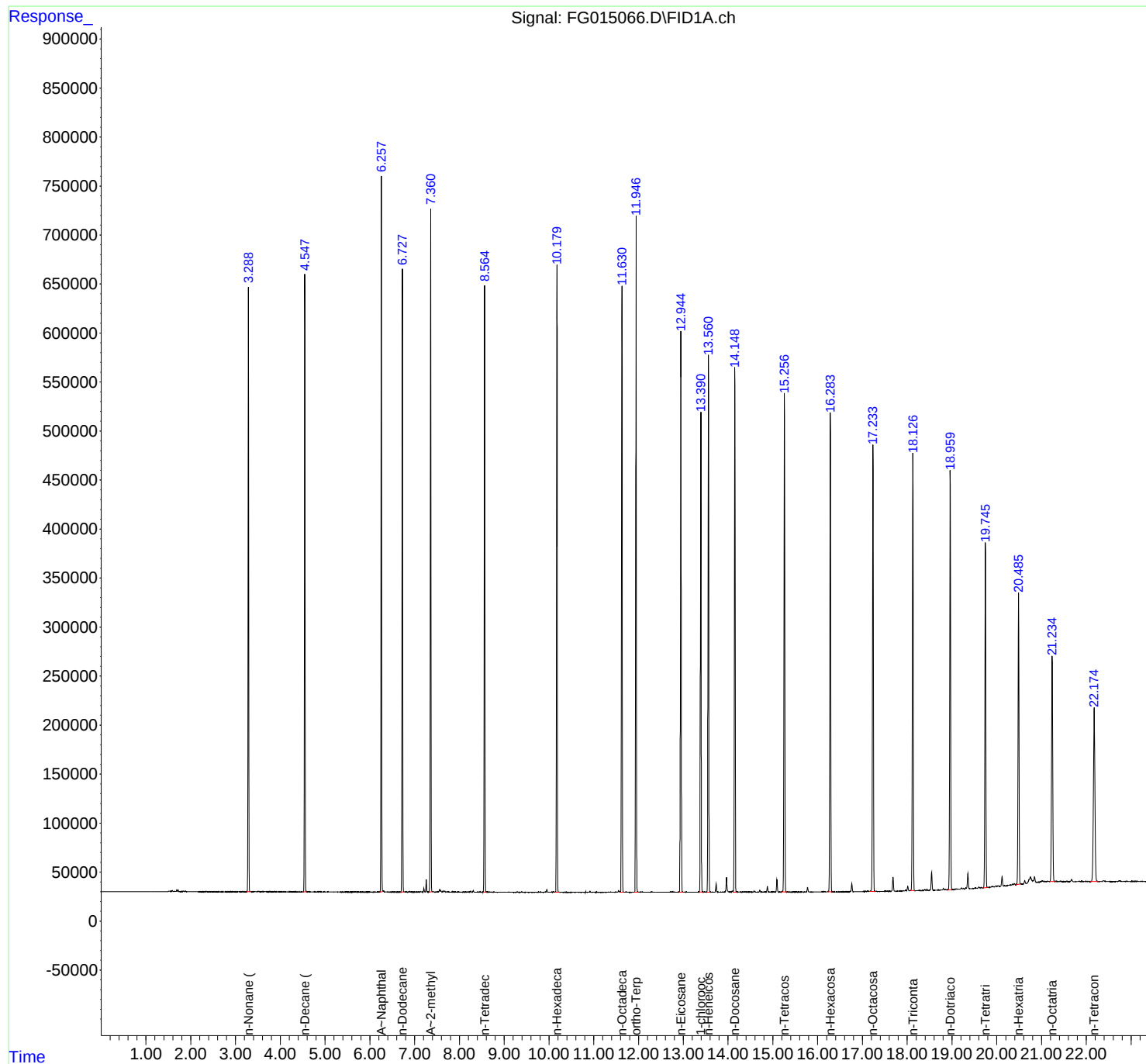
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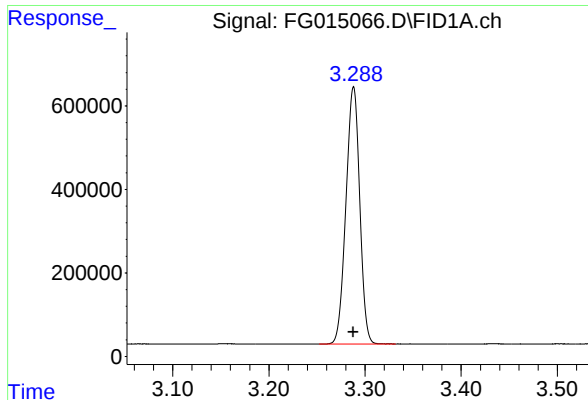
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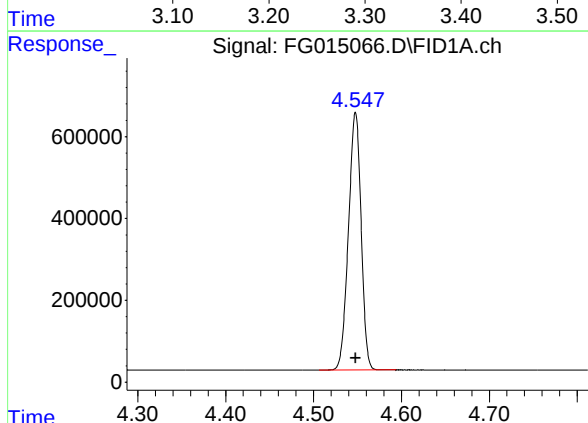




#1 n-Nonane (C9)

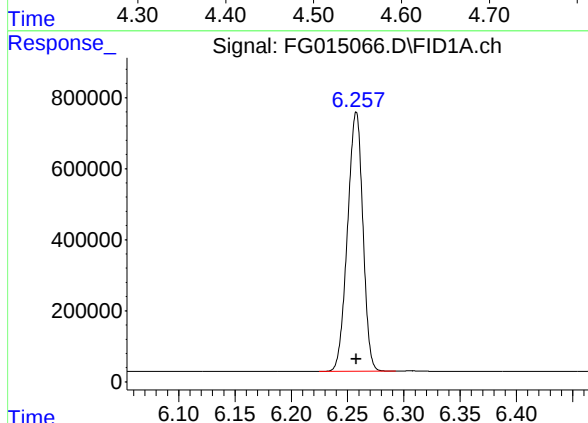
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 6139189
Conc: 49.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



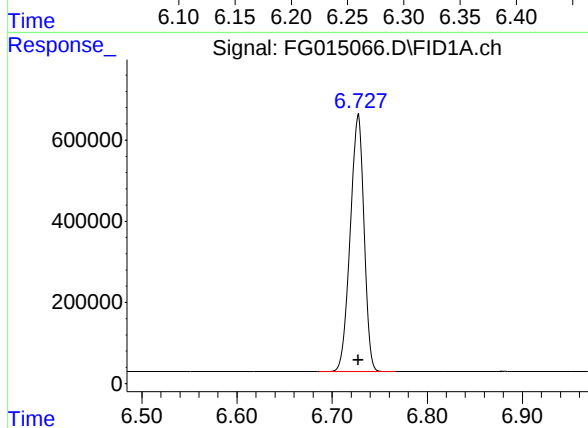
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 6294140
Conc: 49.16 ug/ml



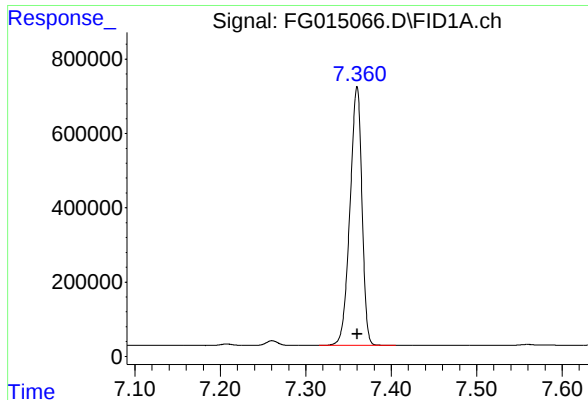
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 6934772
Conc: 49.19 ug/ml



#4 n-Dodecane (C12)

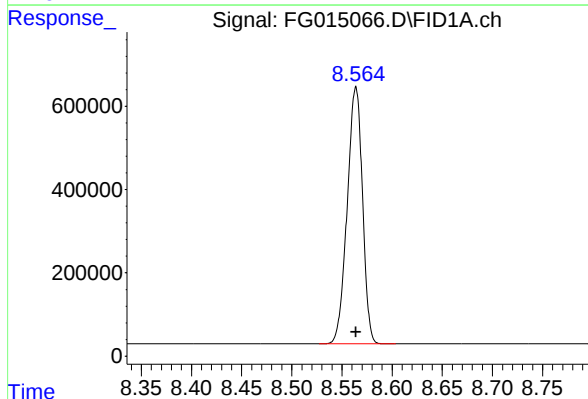
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 6452563
Conc: 49.20 ug/ml



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

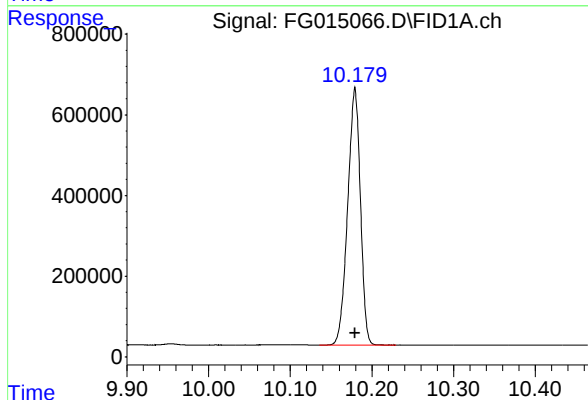
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 6793040
Conc: 49.23 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



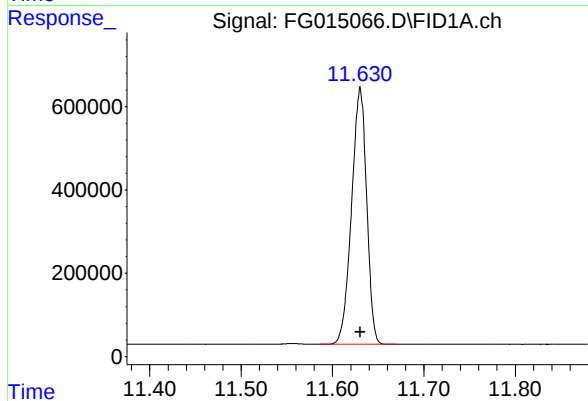
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 6546492
Conc: 49.25 ug/ml



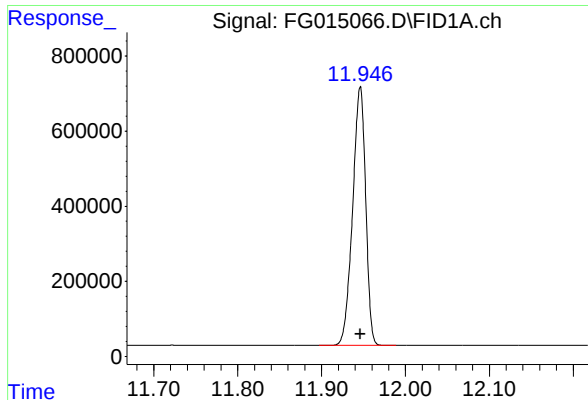
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 6900463
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

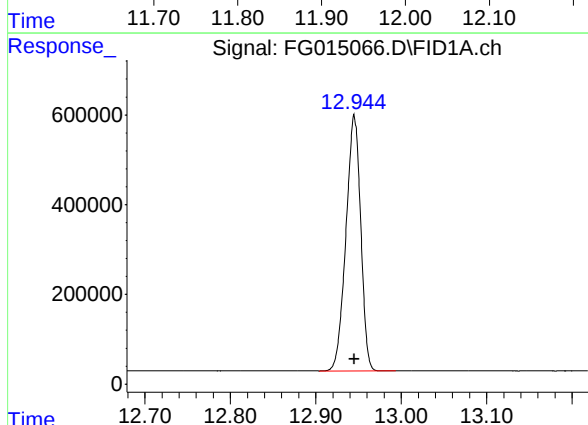
R.T.: 11.630 min
Delta R.T.: 0.000 min
Response: 7063598
Conc: 49.24 ug/ml



#9 ortho-Terphenyl (SURR)

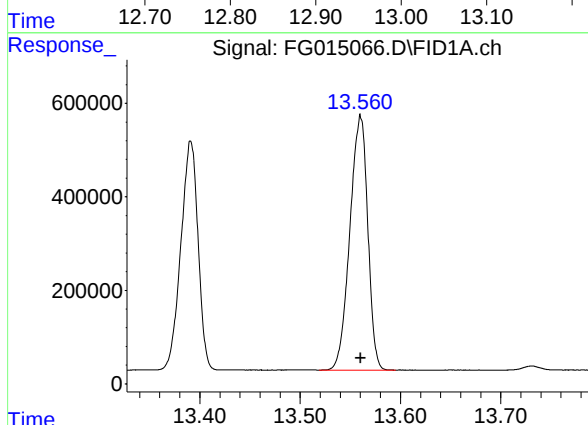
R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 7437868
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



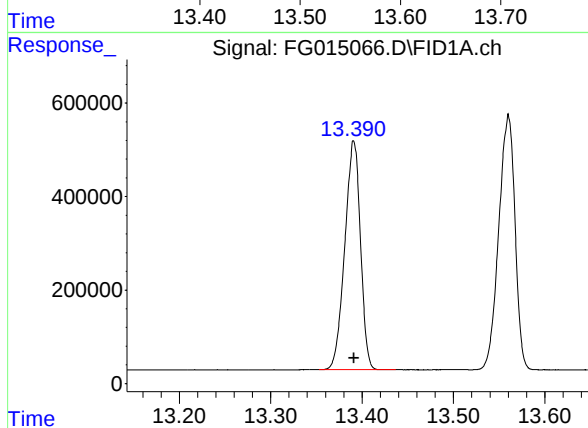
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 6844759
Conc: 49.26 ug/ml



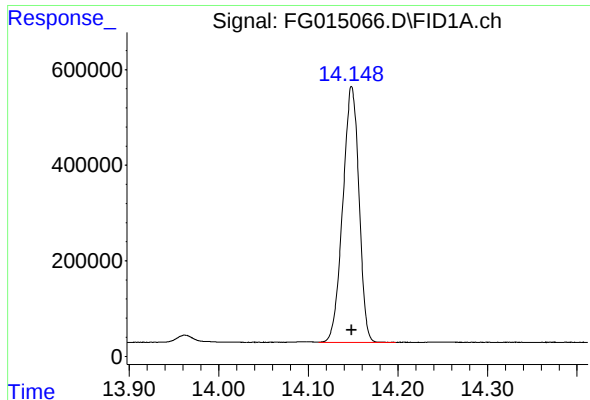
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: 0.000 min
Response: 6739701
Conc: 49.22 ug/ml



#12 1-chlorooctadecane (SURR)

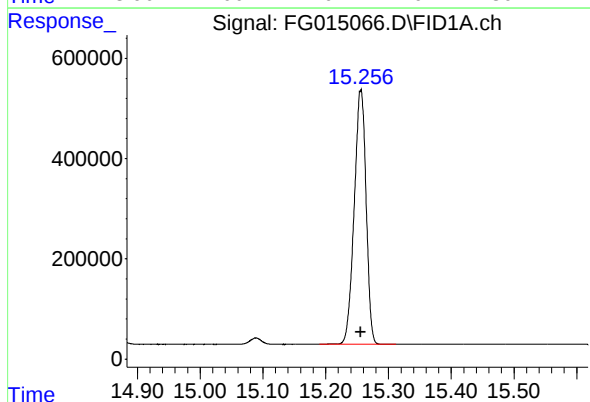
R.T.: 13.391 min
Delta R.T.: 0.000 min
Response: 5836752
Conc: 49.24 ug/ml



#13 n-Docosane (C22)

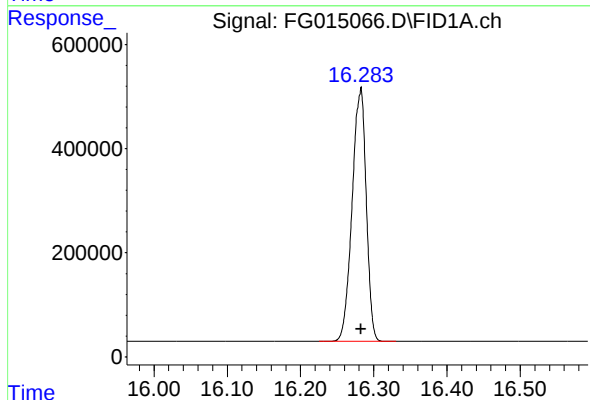
R.T.: 14.149 min
Delta R.T.: 0.000 min
Response: 6717972
Conc: 49.28 ug/ml

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FID_G
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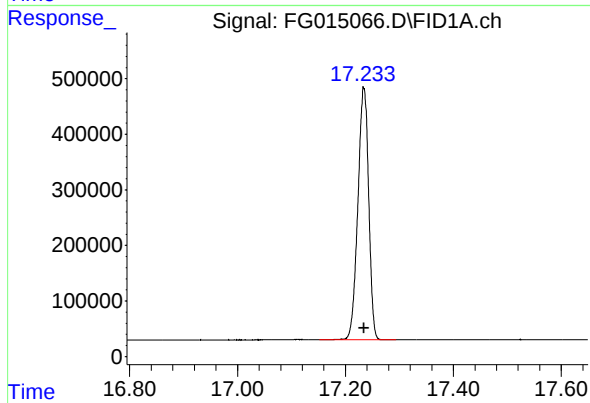
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 6684115
Conc: 49.45 ug/ml



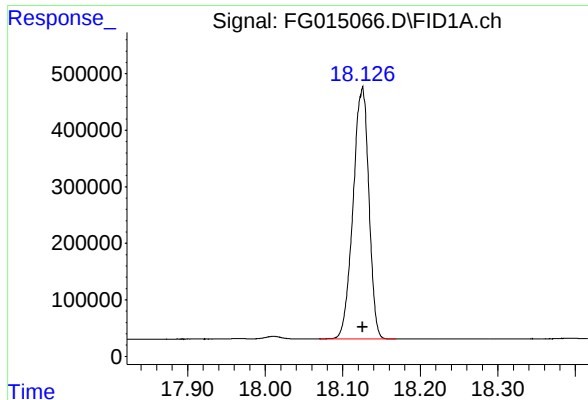
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.000 min
Response: 6505634
Conc: 49.47 ug/ml



#16 n-Octacosane (C28)

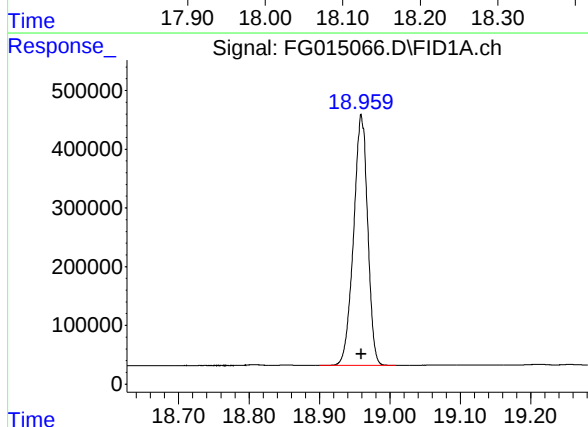
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 6317557
Conc: 49.64 ug/ml



#17 n-Tricontane (C30)

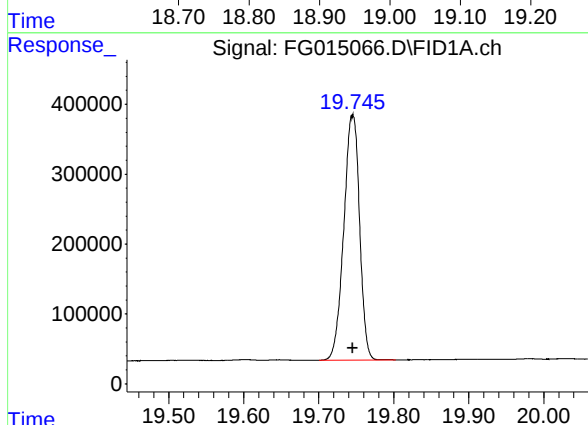
R.T.: 18.125 min
Delta R.T.: 0.000 min
Response: 6299830
Conc: 49.68 ug/ml

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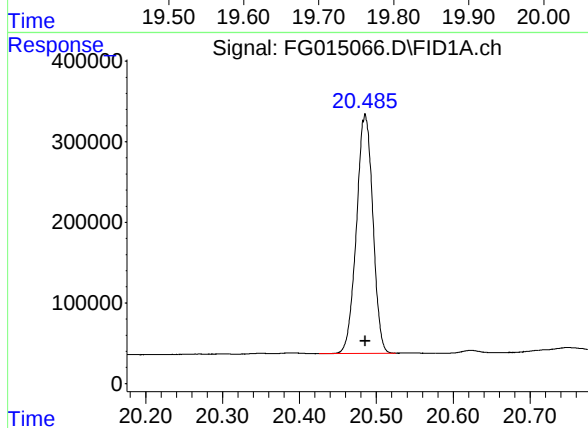
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.000 min
Response: 5948426
Conc: 49.75 ug/ml



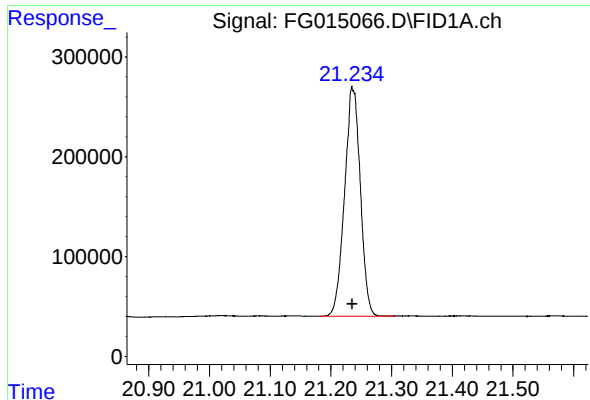
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.000 min
Response: 5130304
Conc: 49.62 ug/ml



#20 n-Hexatriacontane (C36)

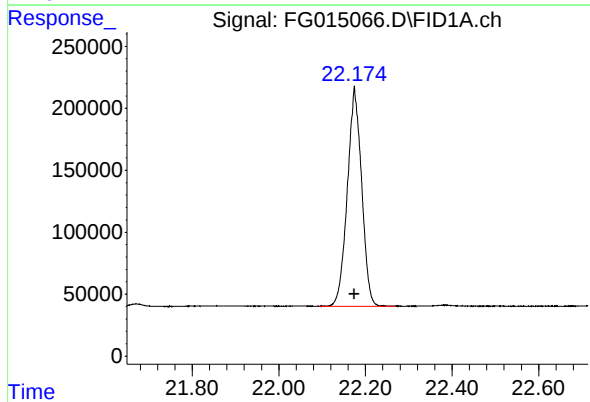
R.T.: 20.485 min
Delta R.T.: 0.000 min
Response: 4387407
Conc: 49.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.000 min
Response: 4131630
Conc: 49.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.175 min
Delta R.T.: 0.000 min
Response: 4040357
Conc: 49.66 ug/ml