

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016925.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 14:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 18 01:20:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.035	3389417	21.461 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
12) S 1-chlorooctadecane (S...	13.481	2563000	21.282 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
Target Compounds			
1) T n-Nonane (C9)	3.360	2714259	21.786 ug/ml
2) T n-Decane (C10)	4.620	2776554	21.688 ug/ml
3) T A~Naphthalene (C11.7)	6.338	2878220	21.998 ug/ml
4) T n-Dodecane (C12)	6.801	2821599	21.641 ug/ml
5) T A~2-methylnaphthalene...	7.441	2709560	22.516 ug/ml
6) T n-Tetradecane (C14)	8.641	2792500	21.858 ug/ml
7) T n-Hexadecane (C16)	10.258	2897370	21.927 ug/ml
8) T n-Octadecane (C18)	11.713	3013163	21.622 ug/ml
10) T n-Eicosane (C20)	13.032	2980452	21.323 ug/ml
11) T n-Heneicosane (C21)	13.649	2962732	21.310 ug/ml
13) T n-Docosane (C22)	14.239	2951342	20.861 ug/ml
14) T n-Tetracosane (C24)	15.351	2947811	20.049 ug/ml
15) T n-Hexacosane (C26)	16.380	2882167	19.645 ug/ml
16) T n-Octacosane (C28)	17.336	2810987	19.095 ug/ml
17) T n-Tricontane (C30)	18.228	2833196	18.724 ug/ml
18) T n-Dotriacontane (C32)	19.066	2713792	18.410 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2432764	18.878 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2064845	19.949 ug/ml
21) T n-Octatriacontane (C38)	21.376	1866674	21.174 ug/ml
22) T n-Tetracontane (C40)	22.360	1735706	22.167 ug/ml

(f)=RT Delta > 1/2 Window

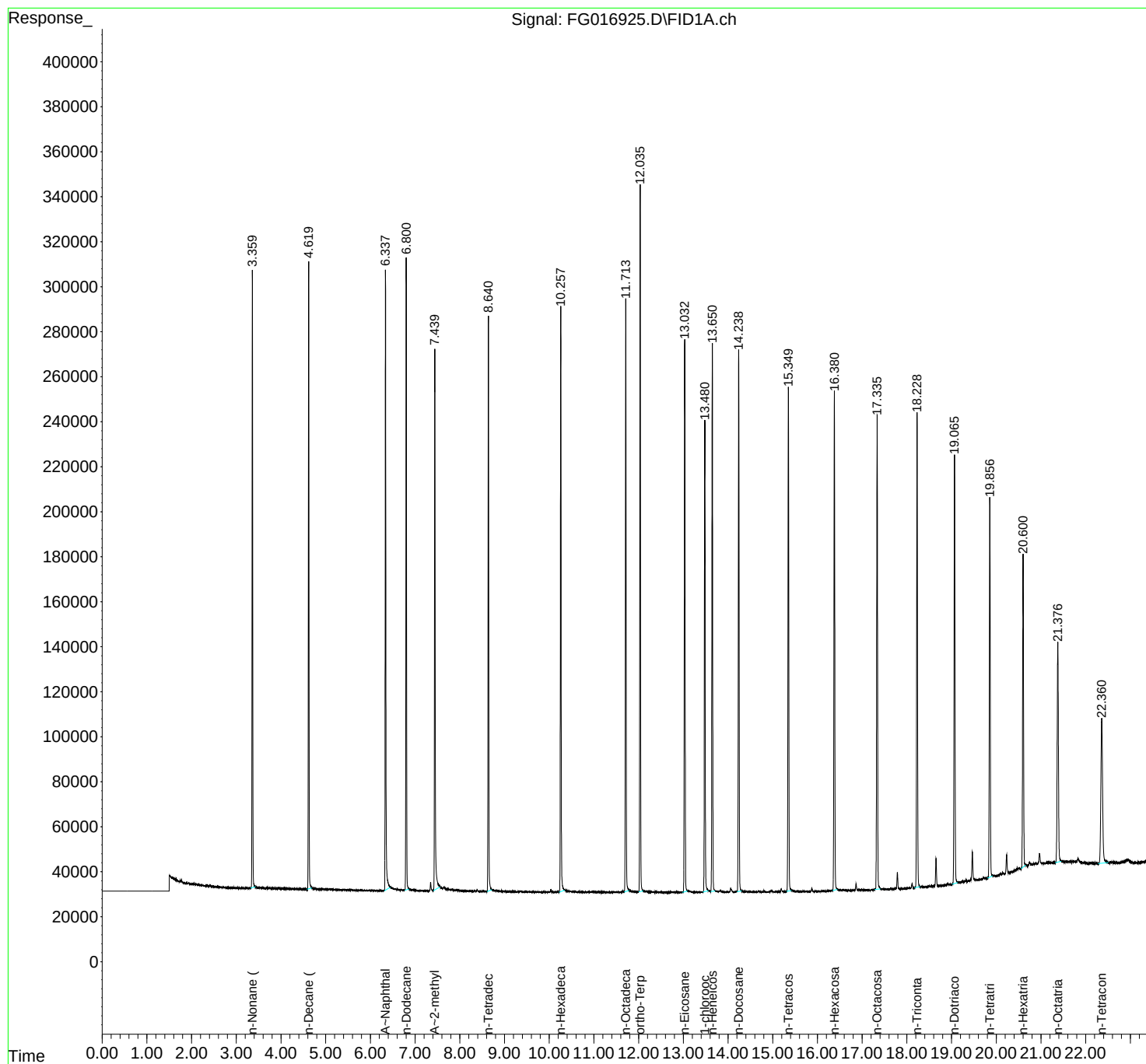
(m)=manual int.

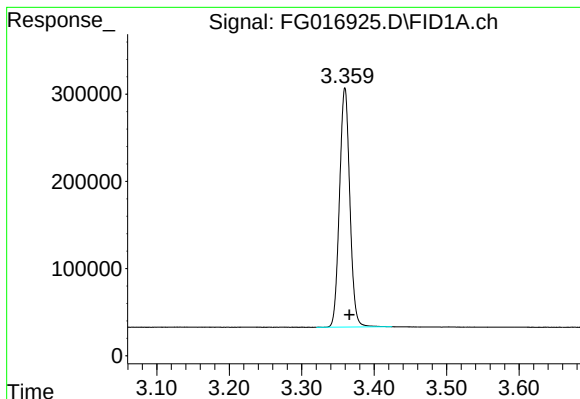
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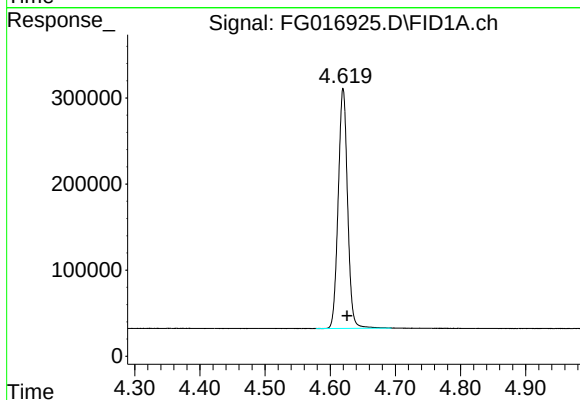




#1 n-Nonane (C9)

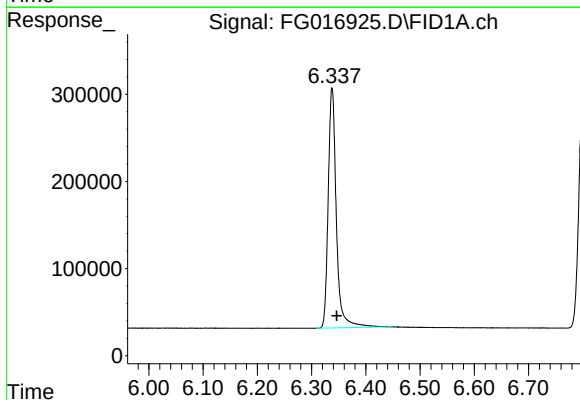
R.T.: 3.360 min
Delta R.T.: -0.006 min
Response: 2714259
Conc: 21.79 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



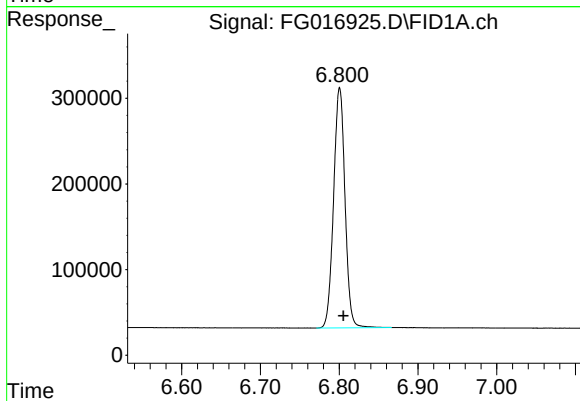
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 2776554
Conc: 21.69 ug/ml



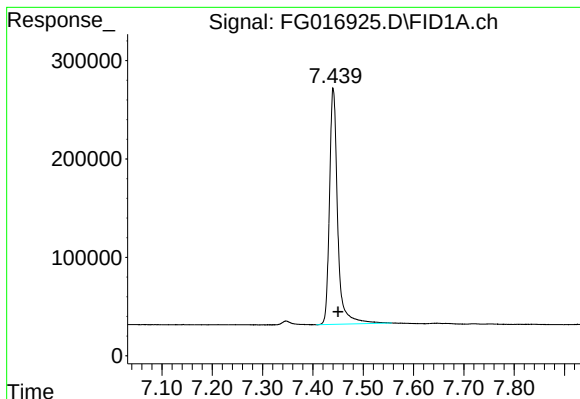
#3 A~Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: -0.008 min
Response: 2878220
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

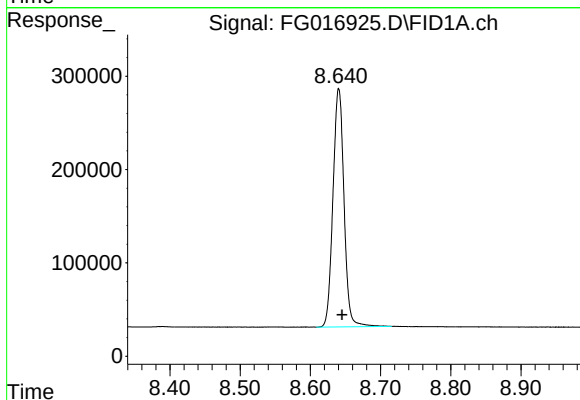
R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 2821599
Conc: 21.64 ug/ml



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

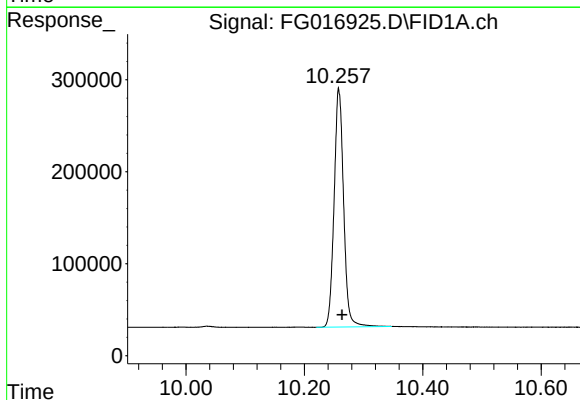
R.T.: 7.441 min
Delta R.T.: -0.009 min
Response: 2709560
Conc: 22.52 ug/ml

Instrument :
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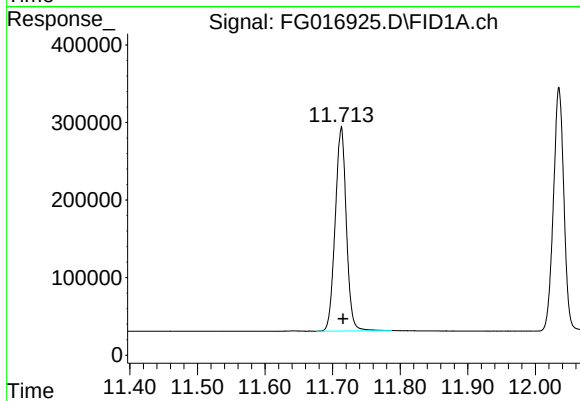
#6 n-Tetradecane (C14)

R.T.: 8.641 min
Delta R.T.: -0.005 min
Response: 2792500
Conc: 21.86 ug/ml



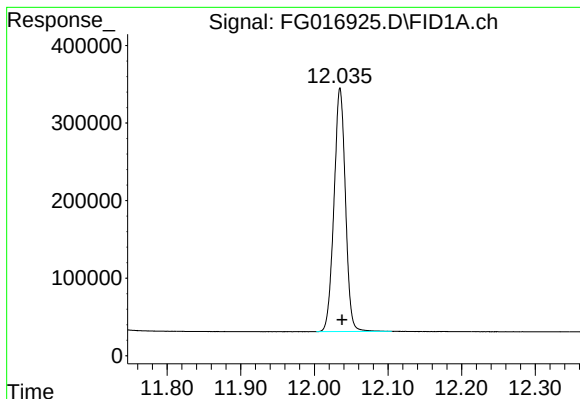
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: -0.005 min
Response: 2897370
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

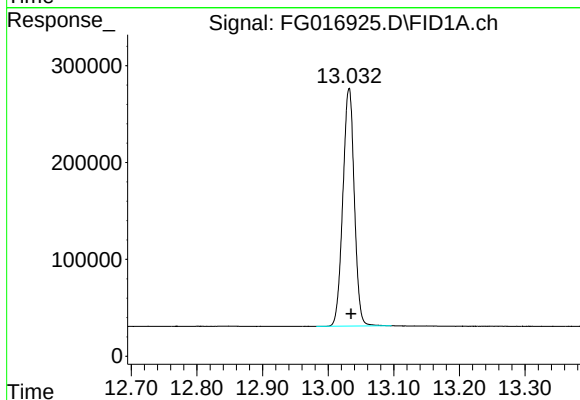
R.T.: 11.713 min
Delta R.T.: -0.003 min
Response: 3013163
Conc: 21.62 ug/ml



#9 ortho-Terphenyl (SURR)

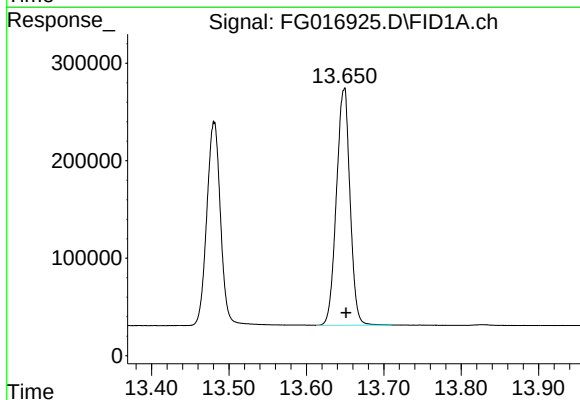
R.T.: 12.035 min
Delta R.T.: -0.003 min
Response: 3389417
Conc: 21.46 ug/ml

Instrument :
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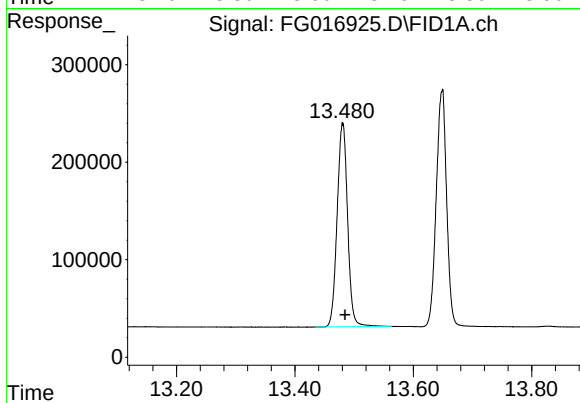
#10 n-Eicosane (C20)

R.T.: 13.032 min
Delta R.T.: -0.003 min
Response: 2980452
Conc: 21.32 ug/ml



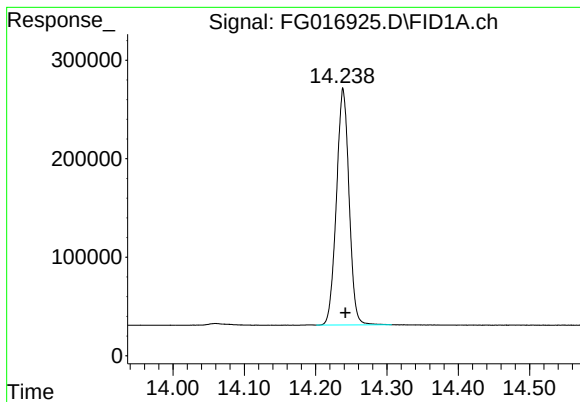
#11 n-Heneicosane (C21)

R.T.: 13.649 min
Delta R.T.: -0.002 min
Response: 2962732
Conc: 21.31 ug/ml



#12 1-chlorooctadecane (SURR)

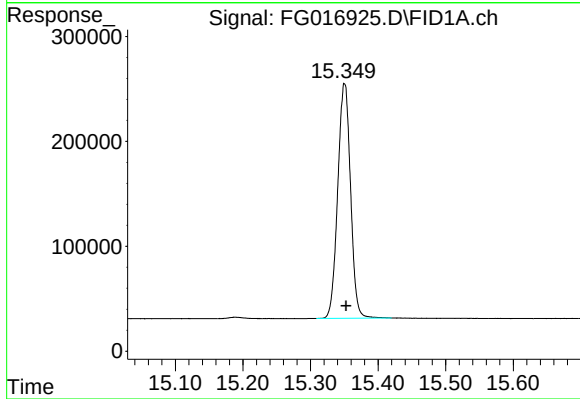
R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 2563000
Conc: 21.28 ug/ml



#13 n-Docosane (C22)

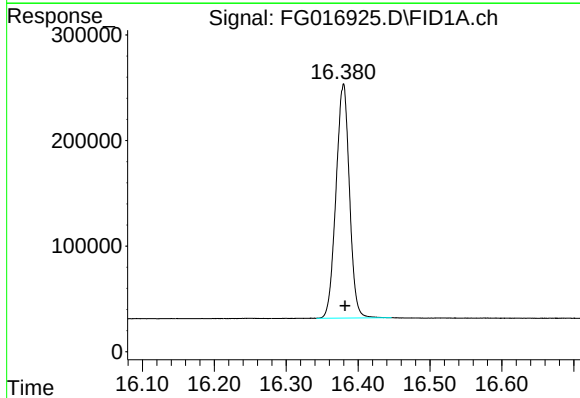
R.T.: 14.239 min
Delta R.T.: -0.003 min
Response: 2951342
Conc: 20.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



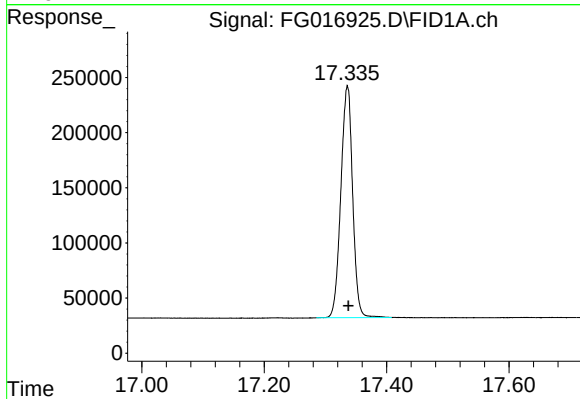
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: -0.002 min
Response: 2947811
Conc: 20.05 ug/ml



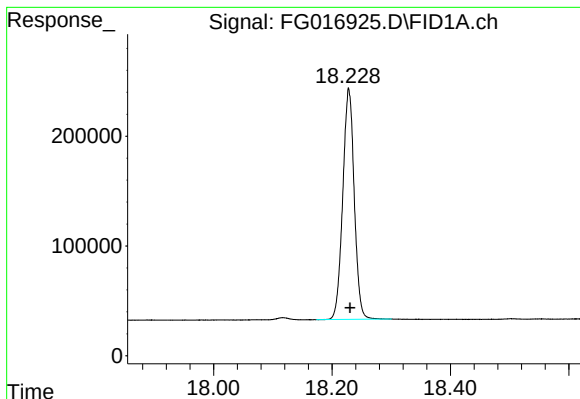
#15 n-Hexacosane (C26)

R.T.: 16.380 min
Delta R.T.: -0.002 min
Response: 2882167
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

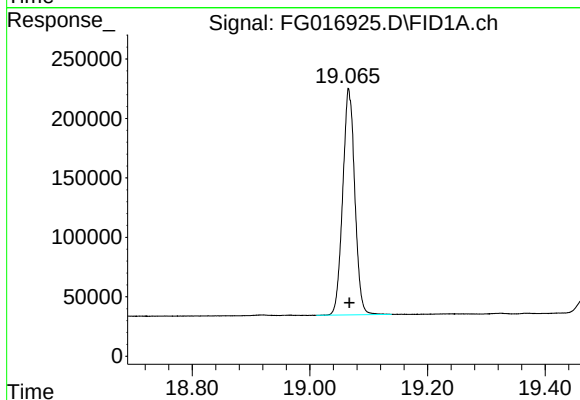
R.T.: 17.336 min
Delta R.T.: -0.001 min
Response: 2810987
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

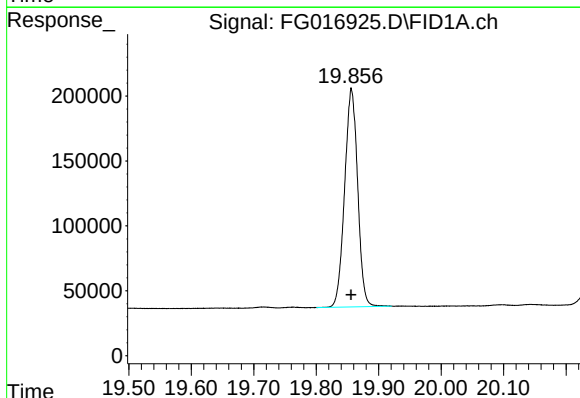
R.T.: 18.228 min
Delta R.T.: -0.002 min
Response: 2833196
Conc: 18.72 ug/ml

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FID_G
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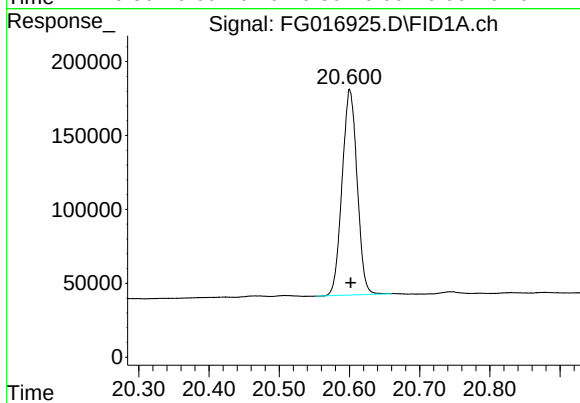
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.001 min
Response: 2713792
Conc: 18.41 ug/ml



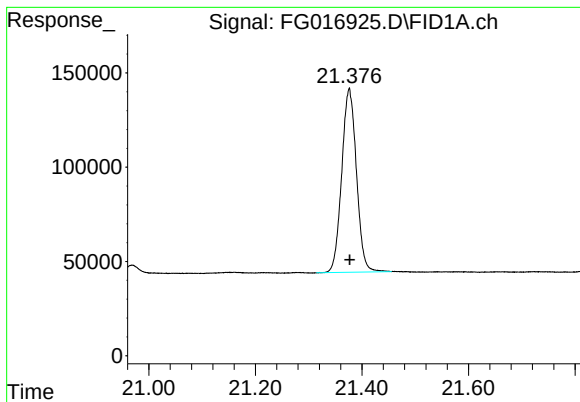
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 2432764
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

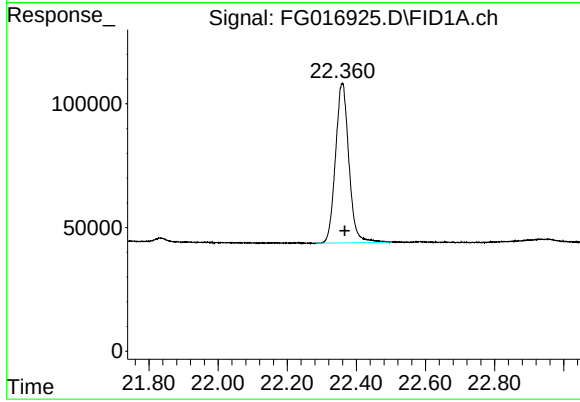
R.T.: 20.601 min
Delta R.T.: -0.001 min
Response: 2064845
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.001 min
Response: 1866674
Conc: 21.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: -0.006 min
Response: 1735706
Conc: 22.17 ug/ml