

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
 Data File : FG015186.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 17:17
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 29 02:35:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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			
12) S 1-chlorooctadecane (S...	13.384	4142613	34.022 ug/ml
Spiked Amount 50.000		Recovery =	68.04%
Target Compounds			
1) T n-Nonane (C9)	3.280	180301	1.389 ug/ml
2) T n-Decane (C10)	4.540	212677	1.600 ug/ml
4) T n-Dodecane (C12)	6.720	278094	2.046 ug/ml
6) T n-Tetradecane (C14)	8.556	265820	1.933 ug/ml
7) T n-Hexadecane (C16)	10.170	255622	1.764 ug/ml
8) T n-Octadecane (C18)	11.619	277343	1.866 ug/ml
10) T n-Eicosane (C20)	12.934	273528	1.906 ug/ml
11) T n-Heneicosane (C21)	13.550	262115	1.854 ug/ml
13) T n-Docosane (C22)	14.140	264876	1.884 ug/ml
14) T n-Tetracosane (C24)	15.246	257296	1.849 ug/ml
15) T n-Hexacosane (C26)	16.271	251050	1.853 ug/ml
16) T n-Octacosane (C28)	17.224	246568	1.874 ug/ml
17) T n-Tricontane (C30)	18.114	255567	1.927 ug/ml
18) T n-Dotriacontane (C32)	18.949	257964	2.045 ug/ml
19) T n-Tetratriacontane (C34)	19.734	247296	2.271 ug/ml
20) T n-Hexatriacontane (C36)	20.477	230900	2.473 ug/ml
21) T n-Octatriacontane (C38)	21.225	233219	2.658 ug/ml
22) T n-Tetracontane (C40)	22.161	264034	3.115 ug/ml

(f)=RT Delta > 1/2 Window

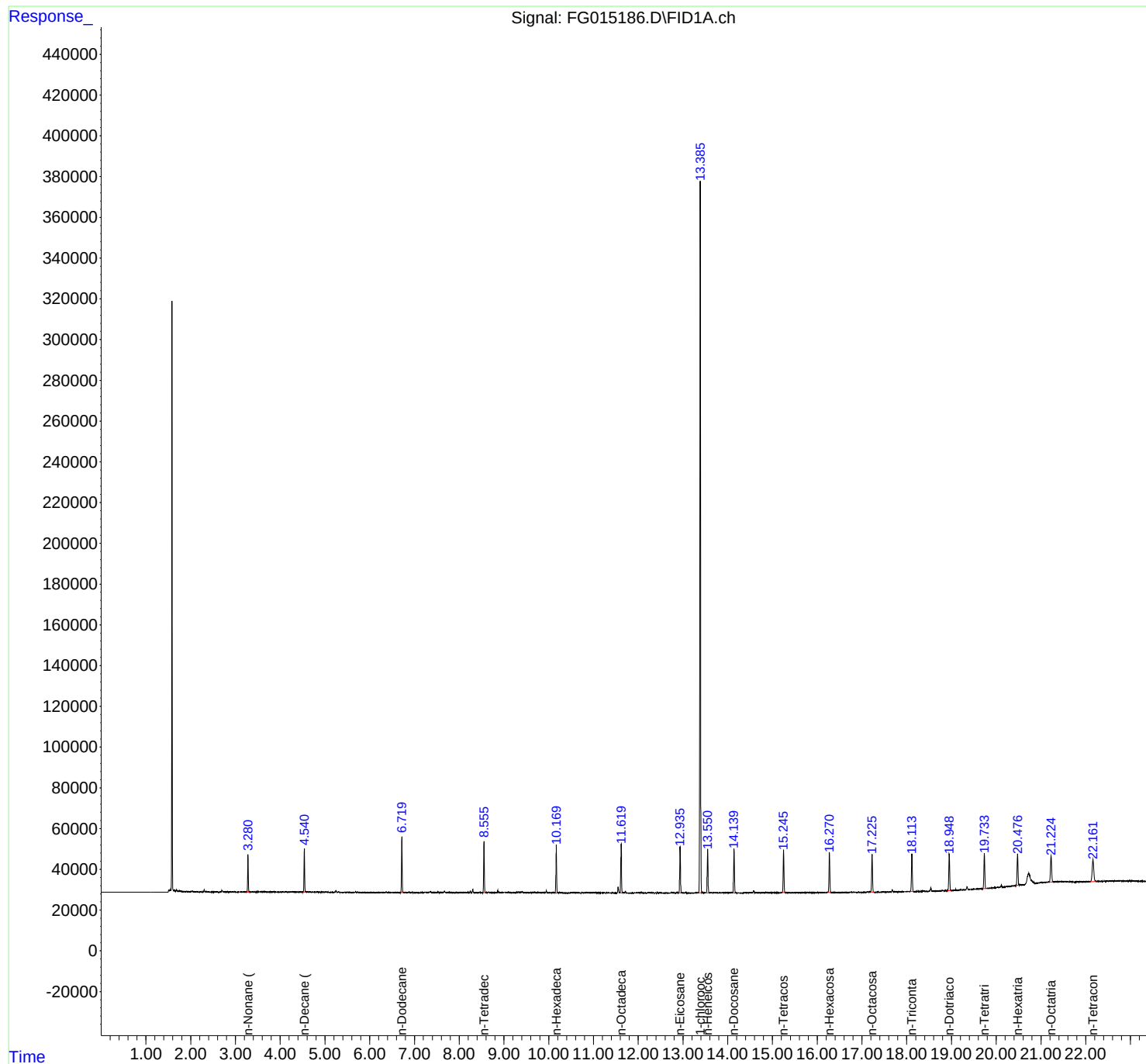
(m)=manual int.

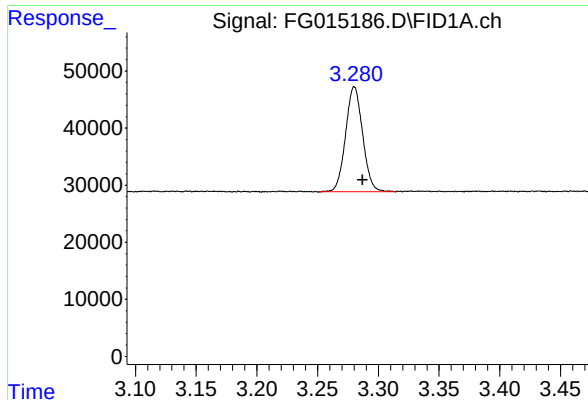
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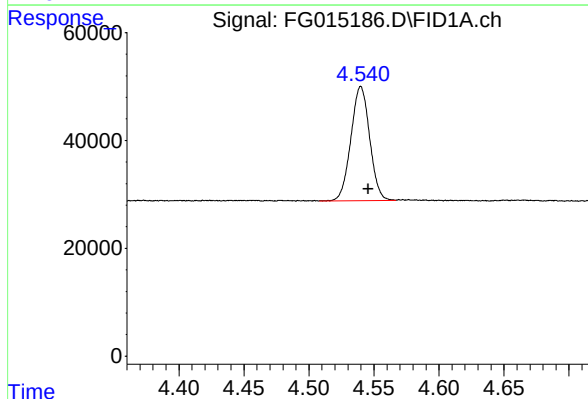




#1 n-Nonane (C9)

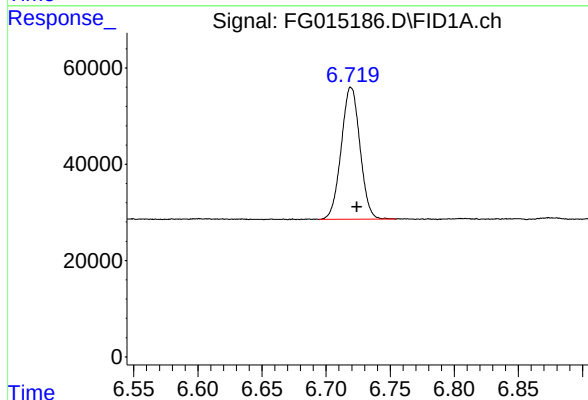
R.T.: 3.280 min
Delta R.T.: -0.007 min
Response: 180301
Conc: 1.39 ug/ml

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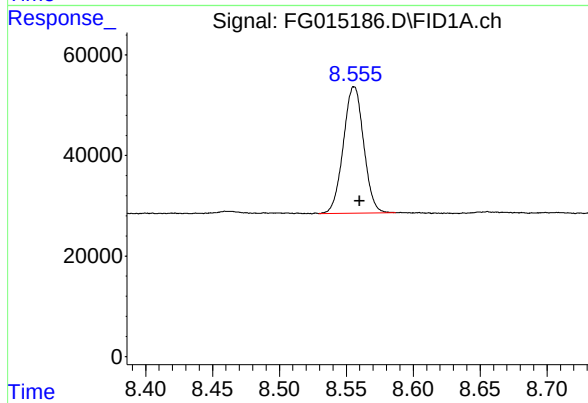
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.006 min
Response: 212677
Conc: 1.60 ug/ml



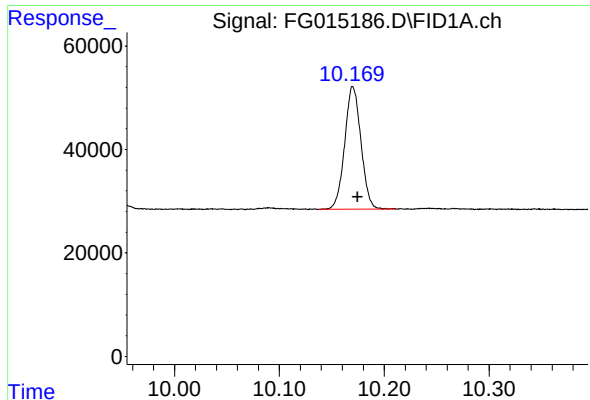
#4 n-Dodecane (C12)

R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 278094
Conc: 2.05 ug/ml



#6 n-Tetradecane (C14)

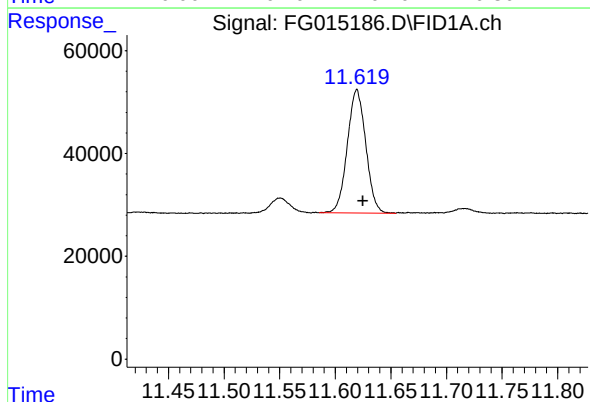
R.T.: 8.556 min
Delta R.T.: -0.004 min
Response: 265820
Conc: 1.93 ug/ml



#7 n-Hexadecane (C16)

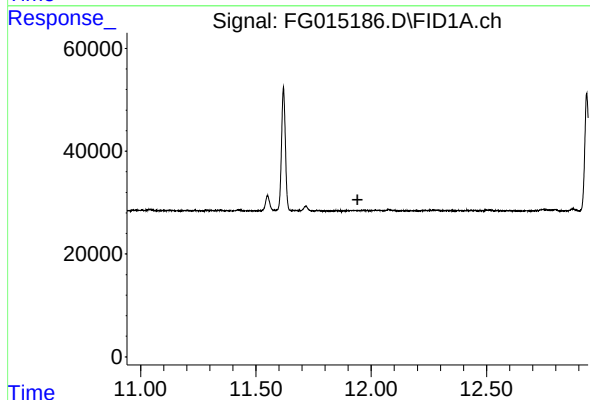
R.T.: 10.170 min
Delta R.T.: -0.005 min
Response: 255622
Conc: 1.76 ug/ml

Instrument :
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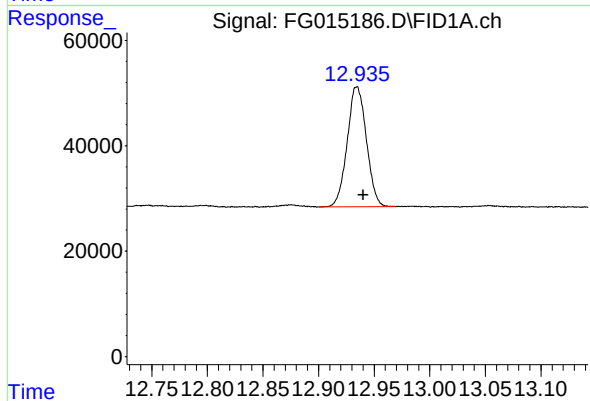
#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.005 min
Response: 277343
Conc: 1.87 ug/ml



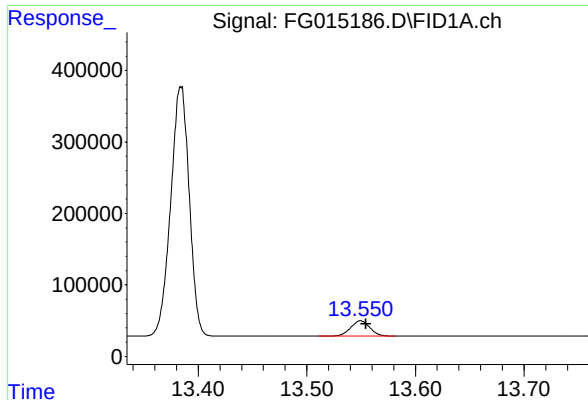
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

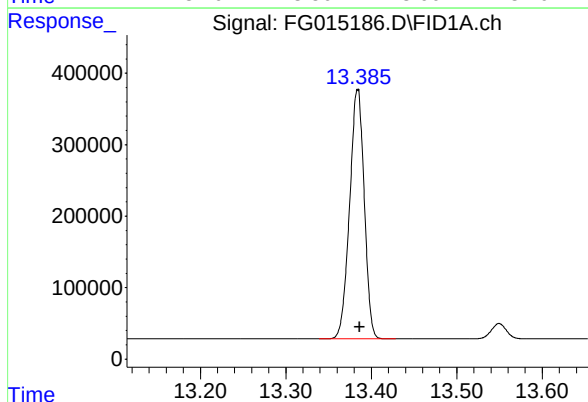
R.T.: 12.934 min
Delta R.T.: -0.006 min
Response: 273528
Conc: 1.91 ug/ml



#11 n-Heneicosane (C21)

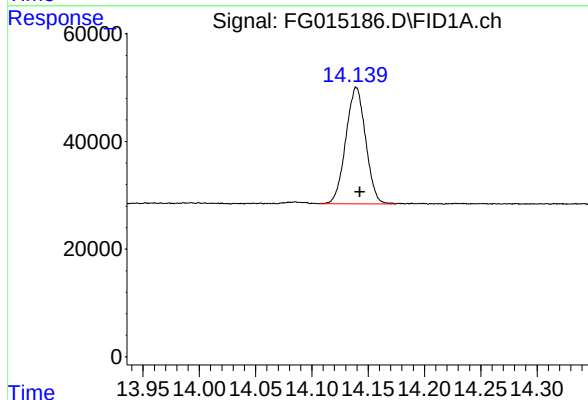
R.T.: 13.550 min
Delta R.T.: -0.005 min
Response: 262115
Conc: 1.85 ug/ml

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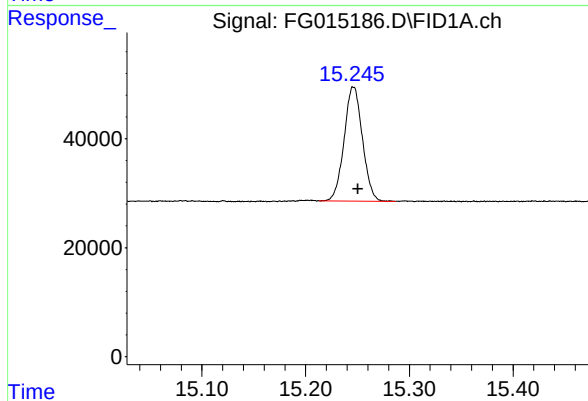
#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: -0.003 min
Response: 4142613
Conc: 34.02 ug/ml



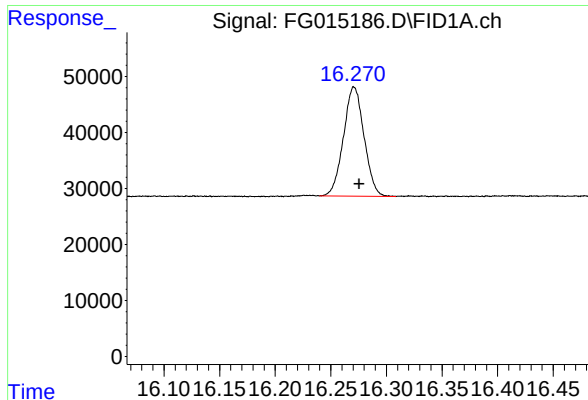
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.003 min
Response: 264876
Conc: 1.88 ug/ml



#14 n-Tetracosane (C24)

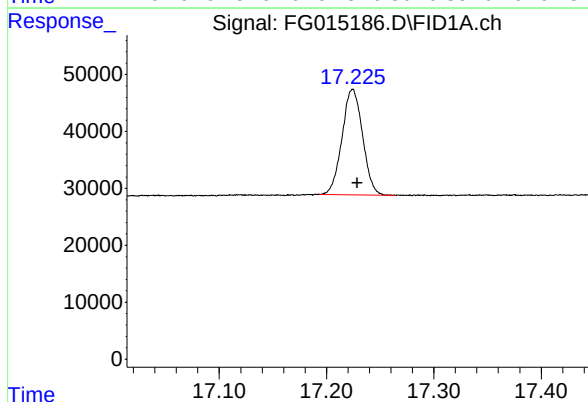
R.T.: 15.246 min
Delta R.T.: -0.004 min
Response: 257296
Conc: 1.85 ug/ml



#15 n-Hexacosane (C26)

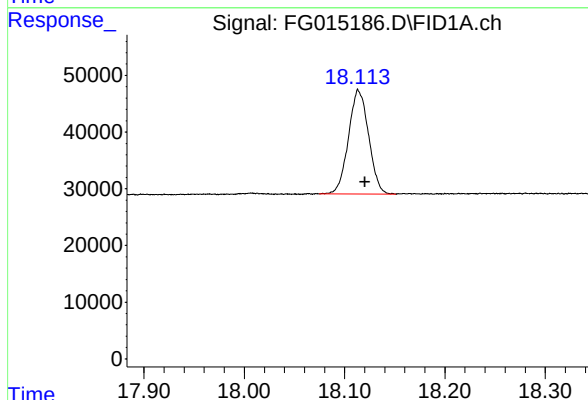
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 251050
Conc: 1.85 ug/ml

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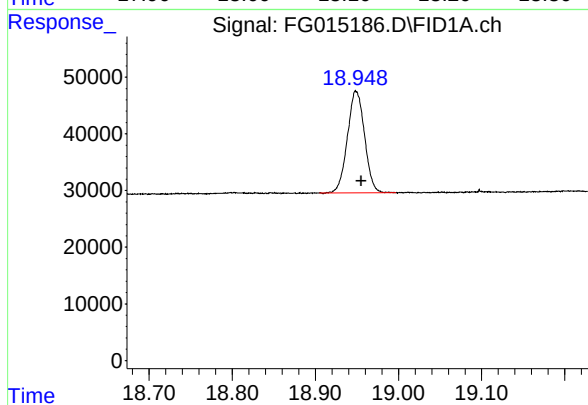
#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.004 min
Response: 246568
Conc: 1.87 ug/ml



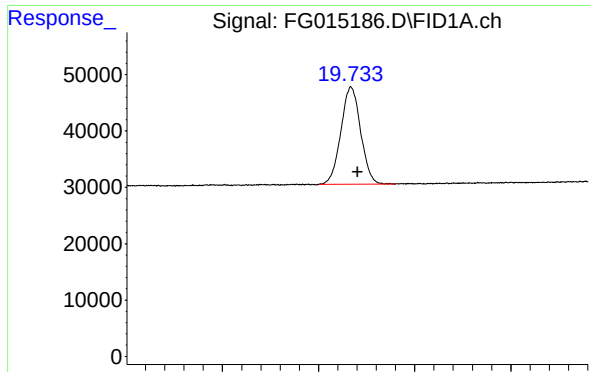
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.007 min
Response: 255567
Conc: 1.93 ug/ml



#18 n-Dotriacontane (C32)

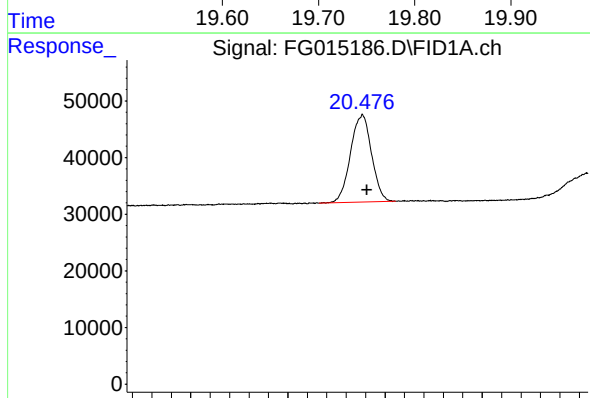
R.T.: 18.949 min
Delta R.T.: -0.006 min
Response: 257964
Conc: 2.05 ug/ml



#19 n-Tetratriacontane (C34)

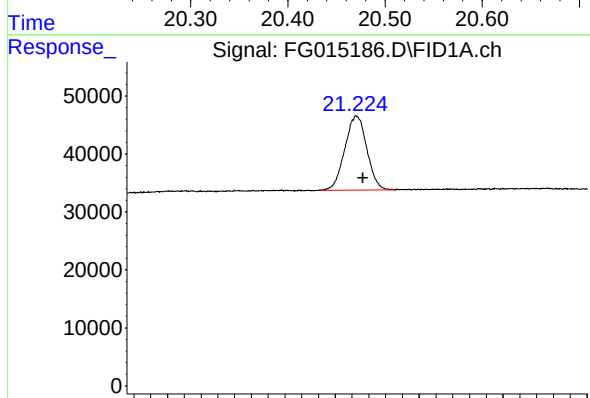
R.T.: 19.734 min
Delta R.T.: -0.007 min
Response: 247296
Conc: 2.27 ug/ml

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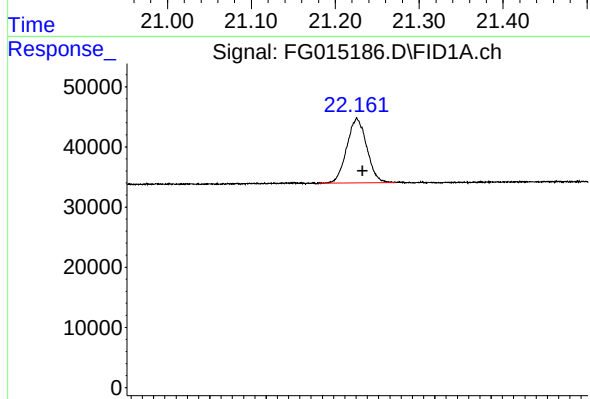
#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: -0.005 min
Response: 230900
Conc: 2.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: -0.008 min
Response: 233219
Conc: 2.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.010 min
Response: 264034
Conc: 3.11 ug/ml