

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045582.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 13:37
 Operator : DD\AJ
 Sample : L1161-02
 Misc : LOQ 5 PPM -SOIL (ALI)
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
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 2/3/2020 2:38:36 PM

Integration File: autoint1.e
 Quant Time: Jan 31 23:50:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.188	2559737	29.441 ug/ml
Spiked Amount 50.000		Recovery =	58.88%
Target Compounds			
1) T n-Nonane (C9)	3.524	275923	2.853 ug/mlm
2) T n-Decane (C10)	4.595	330611	3.414 ug/mlm
4) T n-Dodecane (C12)	6.611	407320	4.167 ug/mlm
6) T n-Tetradecane (C14)	8.401	406173	4.122 ug/mlm
7) T n-Hexadecane (C16)	9.995	395245	3.948 ug/mlm
8) T n-Octadecane (C18)	11.433	408156	4.007 ug/ml
10) T n-Eicosane (C20)	12.737	417096	4.067 ug/mlm
11) T n-Heneicosane (C21)	13.349	411749	3.978 ug/mlm
13) T n-Docosane (C22)	13.933	416505	4.037 ug/mlm
14) T n-Tetracosane (C24)	15.032	407229	3.919 ug/mlm
15) T n-Hexacosane (C26)	16.050	402450	3.895 ug/mlm
16) T n-Octacosane (C28)	16.998	407427	3.986 ug/mlm
17) T n-Tricontane (C30)	17.883	413165	4.209 ug/mlm
18) T n-Dotriacontane (C32)	18.713	388386	4.668 ug/ml
19) T n-Tetratriacontane (C34)	19.495	356802	5.042 ug/ml
20) T n-Hexatriacontane (C36)	20.232	318212	4.963 ug/ml
21) T n-Octatriacontane (C38)	21.002	283311	4.844 ug/ml
22) T n-Tetracontane (C40)	21.975	281284	4.768 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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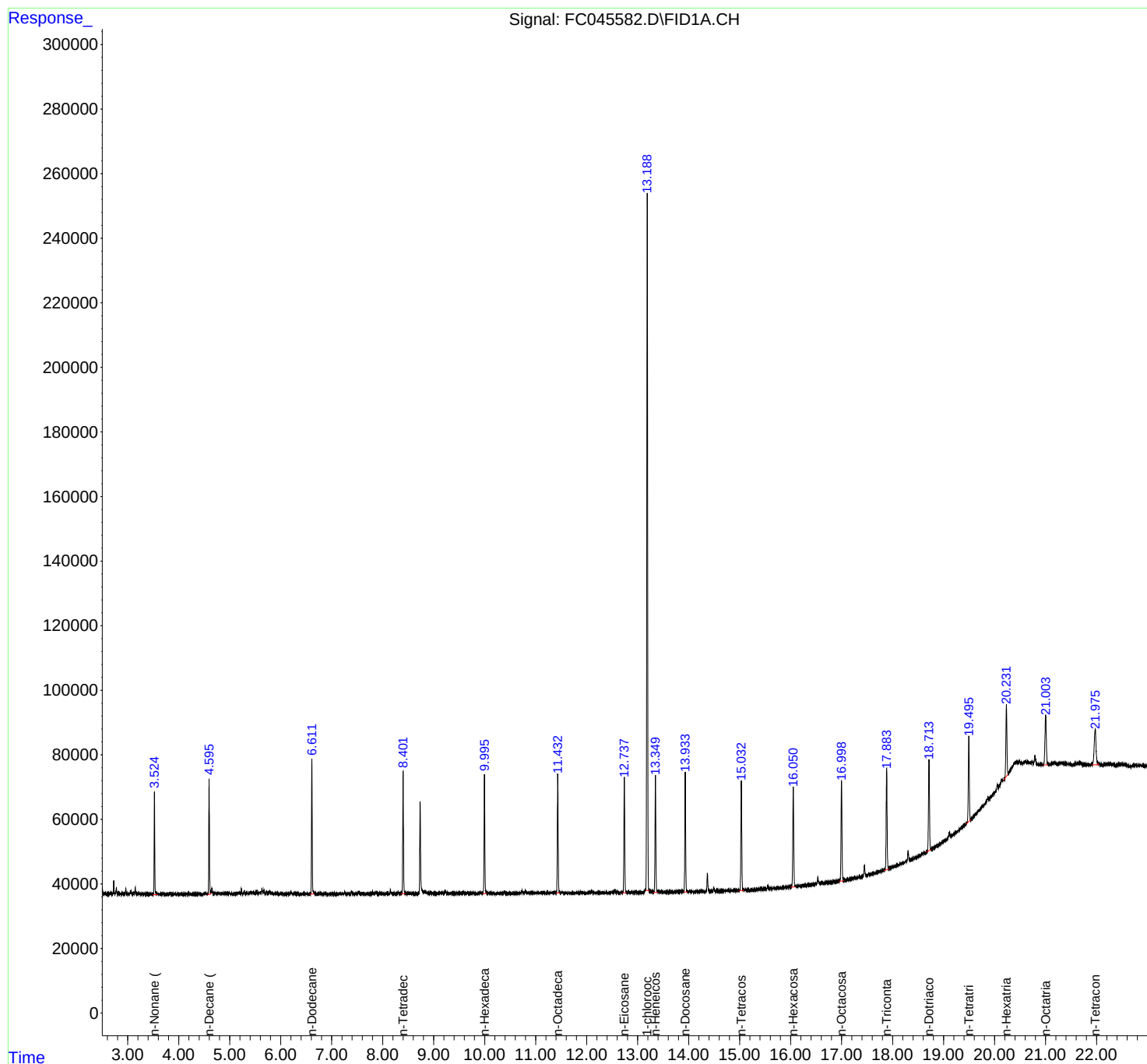
Instrument :
FID_C
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LOQ-SOIL-02-QT1-2020

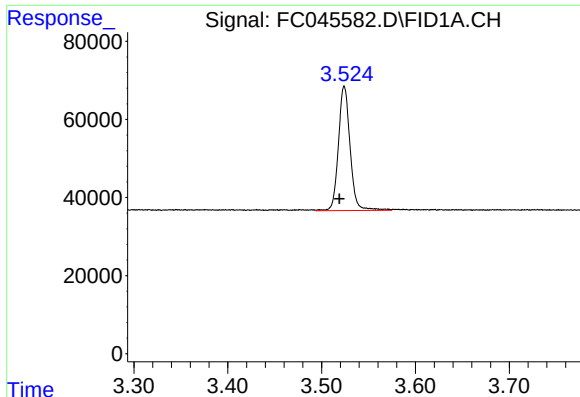
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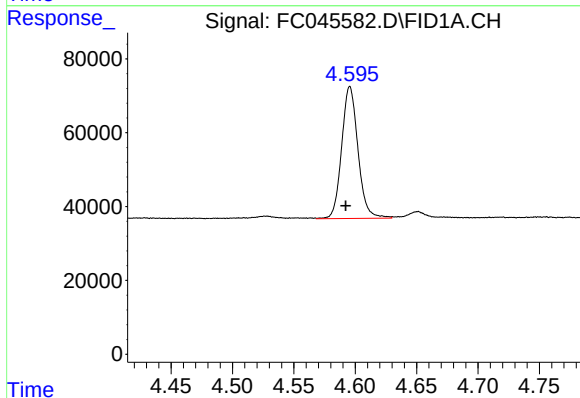
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 275923
Conc: 2.85 ug/ml m

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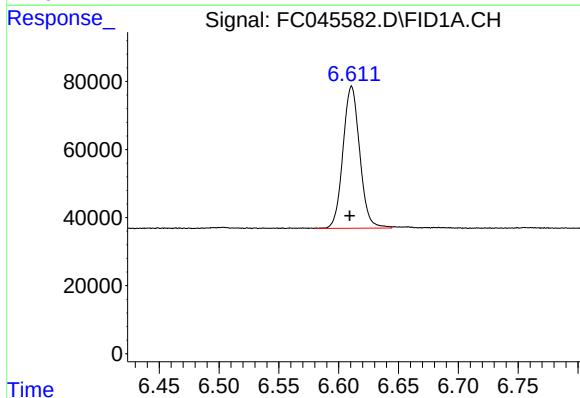
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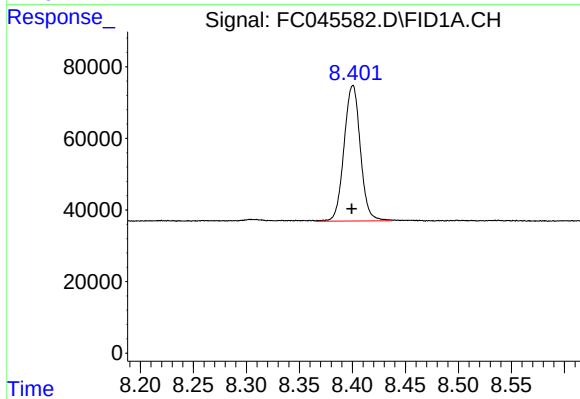
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 330611
Conc: 3.41 ug/ml m



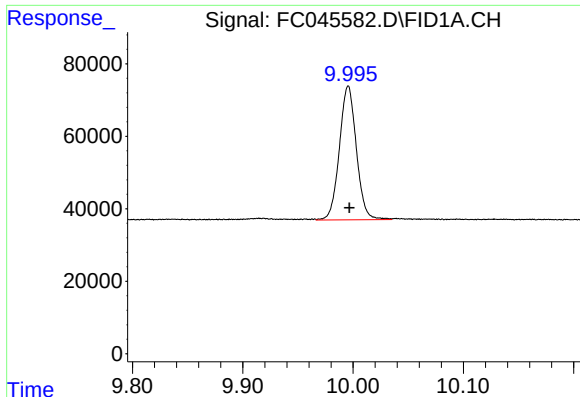
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 407320
Conc: 4.17 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.001 min
Response: 406173
Conc: 4.12 ug/ml m



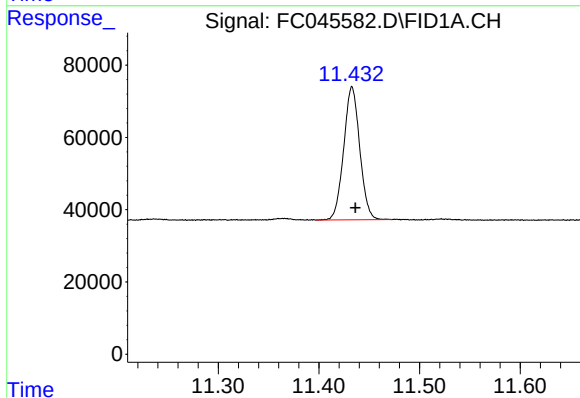
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 395245
Conc: 3.95 ug/ml m

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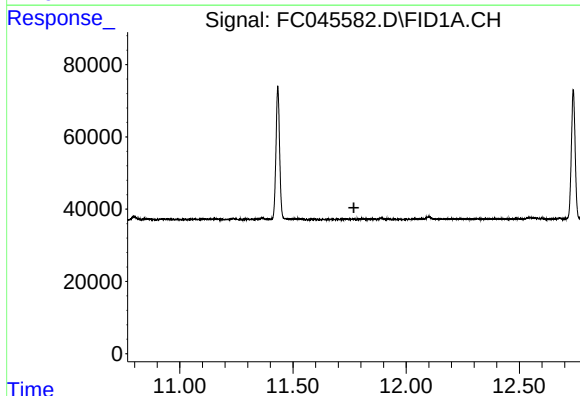
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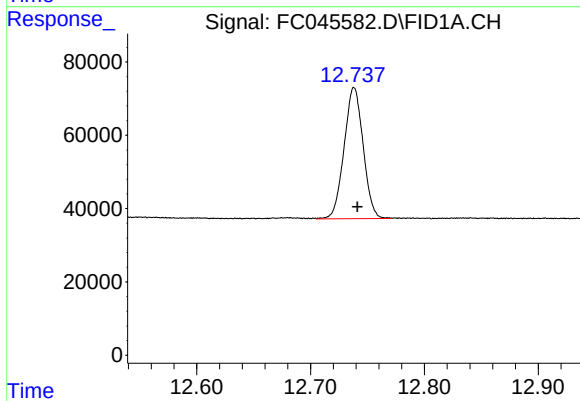
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 408156
Conc: 4.01 ug/ml



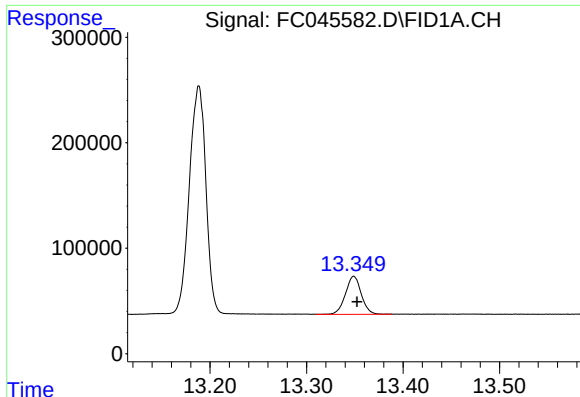
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.769 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 417096
Conc: 4.07 ug/ml m



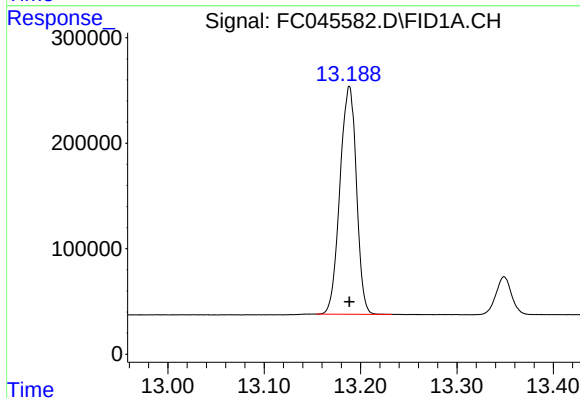
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.004 min
Response: 411749
Conc: 3.98 ug/ml m

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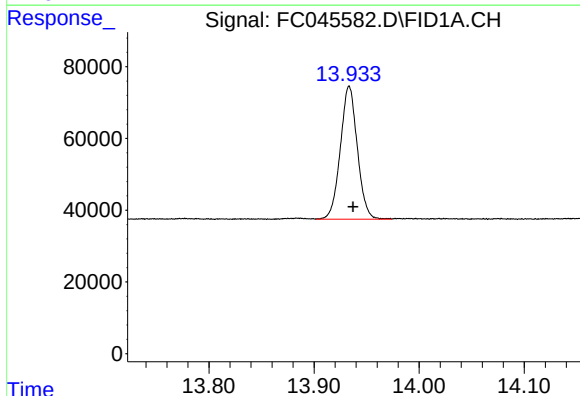
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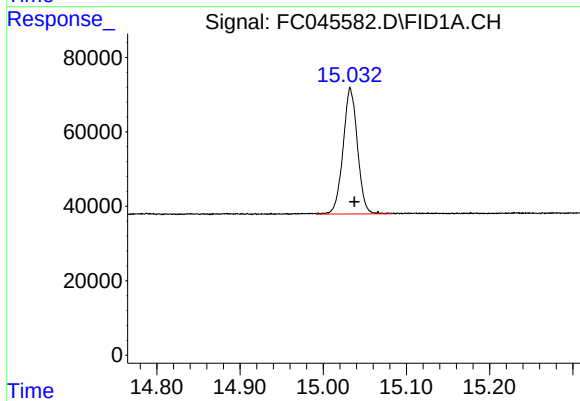
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 2559737
Conc: 29.44 ug/ml



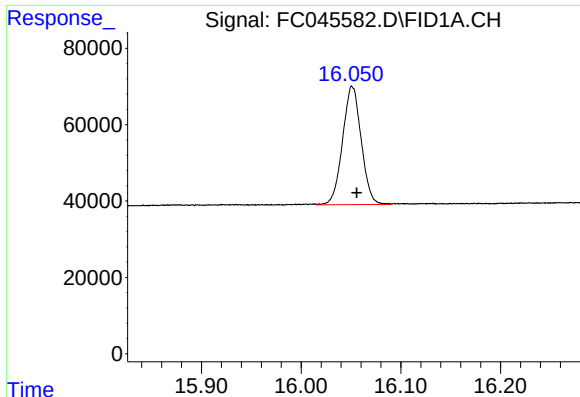
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 416505
Conc: 4.04 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.006 min
Response: 407229
Conc: 3.92 ug/ml m



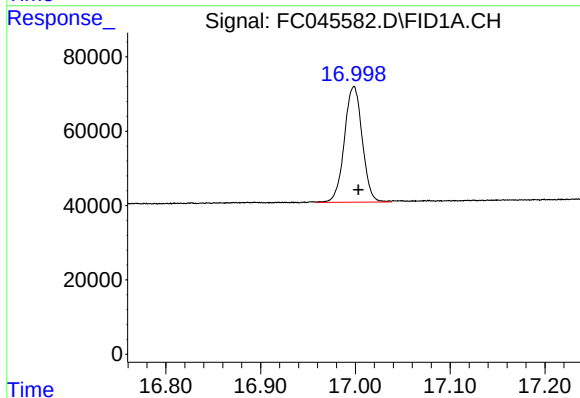
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.005 min
Response: 402450
Conc: 3.90 ug/ml m

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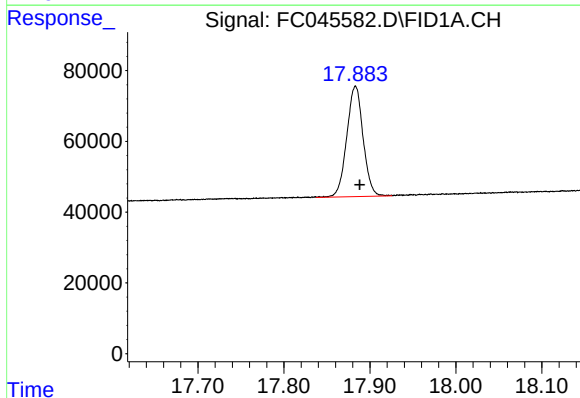
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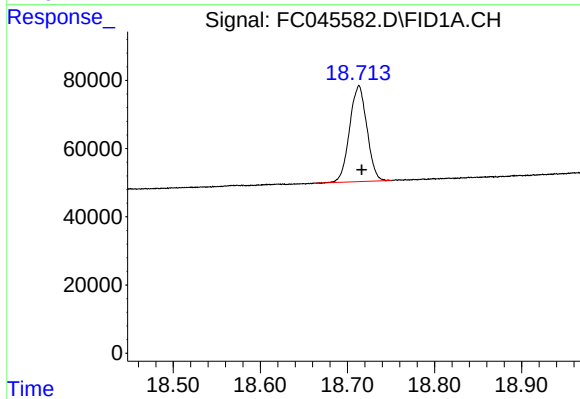
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 407427
Conc: 3.99 ug/ml m



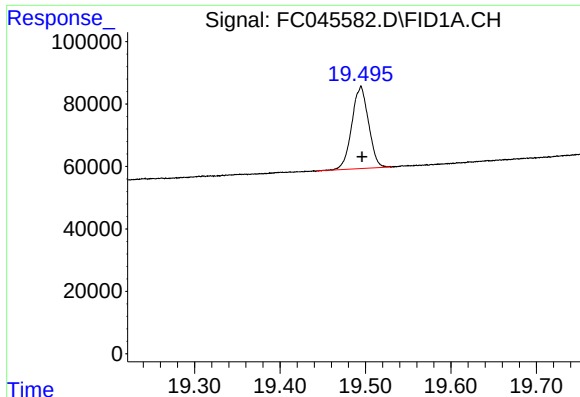
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 413165
Conc: 4.21 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.003 min
Response: 388386
Conc: 4.67 ug/ml



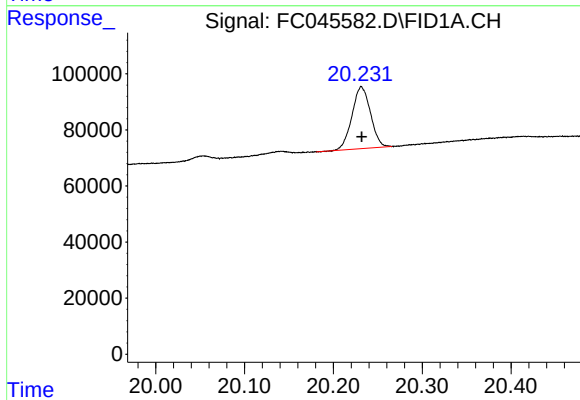
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: -0.001 min
Response: 356802
Conc: 5.04 ug/ml

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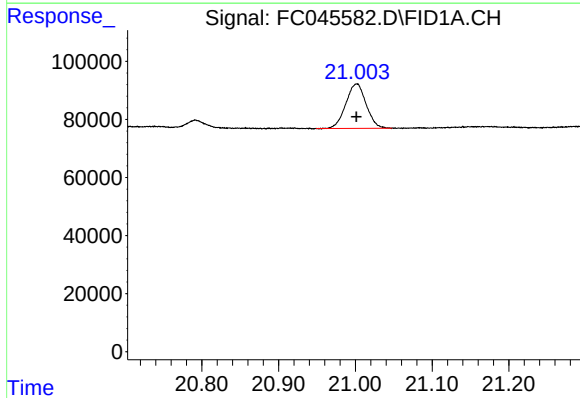
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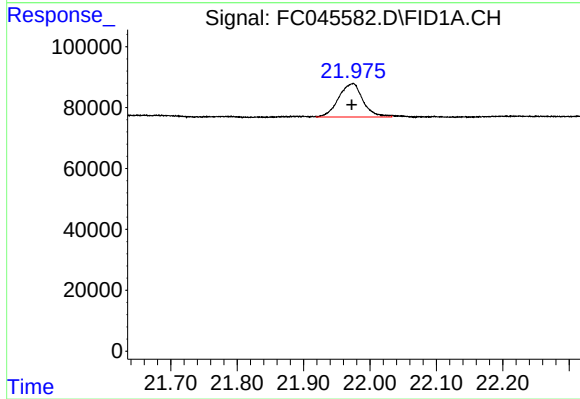
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 318212
Conc: 4.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 283311
Conc: 4.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.003 min
Response: 281284
Conc: 4.77 ug/ml m