

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045585.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 15:25
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 4 PPM -WATER (ALI)
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 31 23:51:06 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	3094933	35.596 ug/ml
Spiked Amount 50.000		Recovery =	71.19%
Target Compounds			
1) T n-Nonane (C9)	3.524	221714	2.292 ug/mlm
2) T n-Decane (C10)	4.596	271066	2.799 ug/mlm
4) T n-Dodecane (C12)	6.611	342149	3.500 ug/mlm
6) T n-Tetradecane (C14)	8.400	335492	3.405 ug/mlm
7) T n-Hexadecane (C16)	9.995	340905	3.405 ug/mlm
8) T n-Octadecane (C18)	11.432	355074	3.486 ug/mlm
10) T n-Eicosane (C20)	12.737	349057	3.404 ug/mlm
11) T n-Heneicosane (C21)	13.346	340569	3.290 ug/mlm
13) T n-Docosane (C22)	13.930	345639	3.350 ug/mlm
14) T n-Tetracosane (C24)	15.031	332826	3.203 ug/mlm
15) T n-Hexacosane (C26)	16.051	324842	3.144 ug/mlm
16) T n-Octacosane (C28)	16.998	324303	3.173 ug/mlm
17) T n-Tricontane (C30)	17.883	334360	3.406 ug/mlm
18) T n-Dotriacontane (C32)	18.713	323364	3.886 ug/mlm
19) T n-Tetratriacontane (C34)	19.493	301220	4.256 ug/mlm
20) T n-Hexatriacontane (C36)	20.231	256783	4.005 ug/mlm
21) T n-Octatriacontane (C38)	20.999	226919	3.880 ug/mlm
22) T n-Tetracontane (C40)	21.969	225473	3.822 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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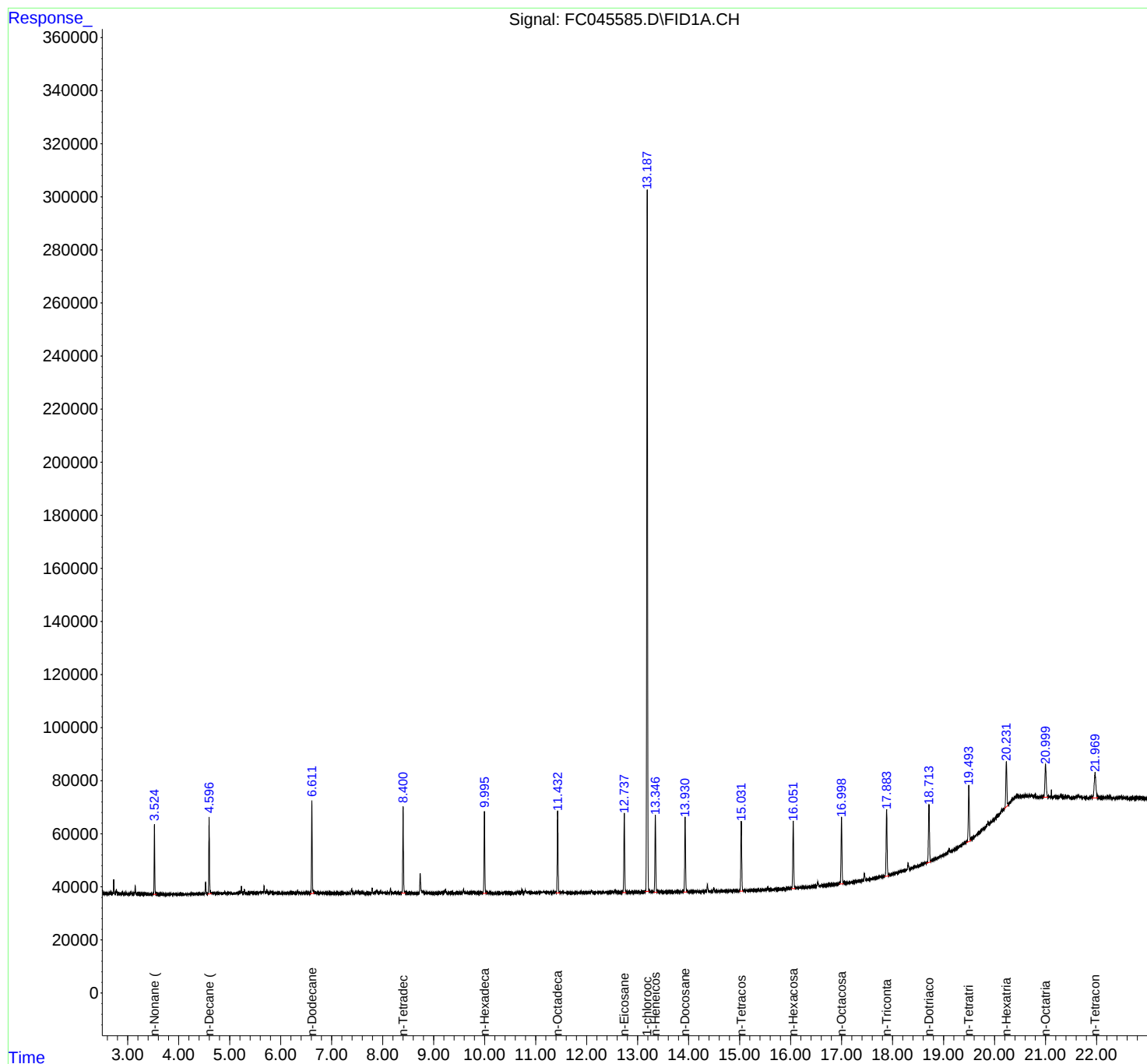
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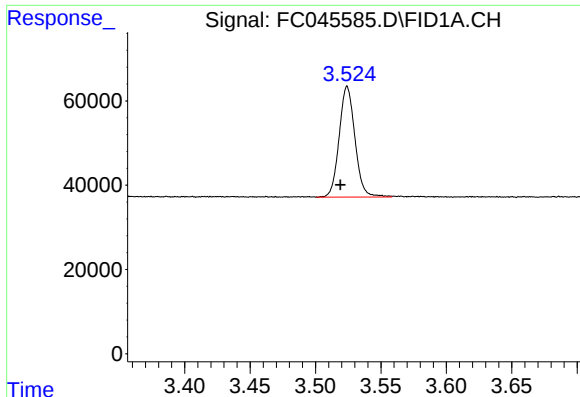
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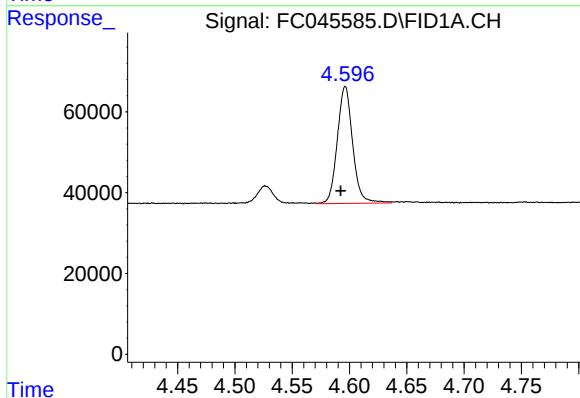
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 221714
Conc: 2.29 ug/ml m

Instrument :
FID_C
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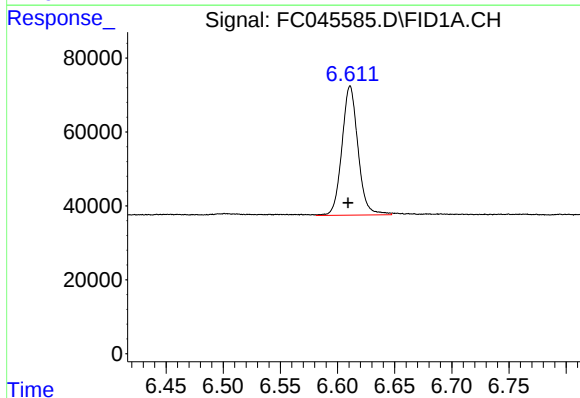
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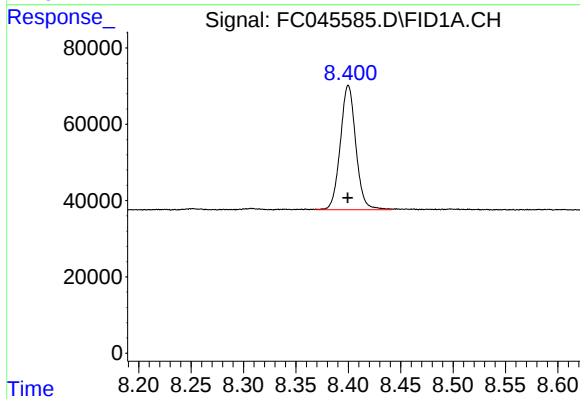
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 271066
Conc: 2.80 ug/ml m



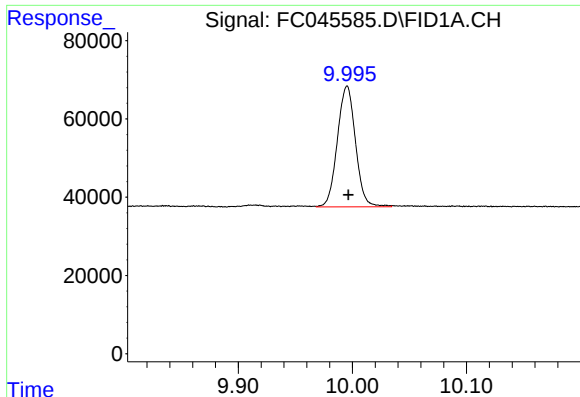
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 342149
Conc: 3.50 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 335492
Conc: 3.40 ug/ml m



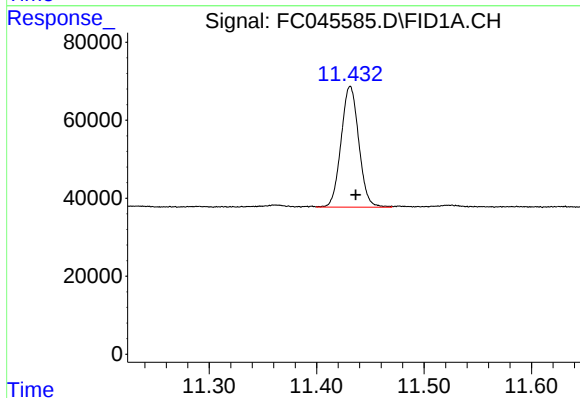
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 340905
Conc: 3.41 ug/ml m

Instrument :
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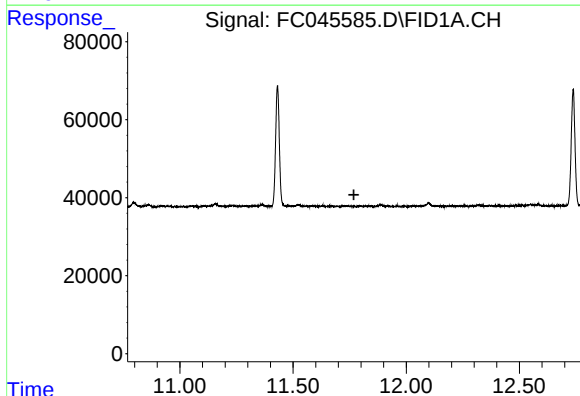
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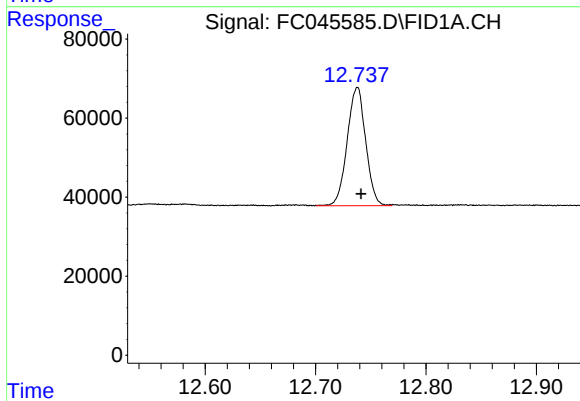
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.005 min
Response: 355074
Conc: 3.49 ug/ml m



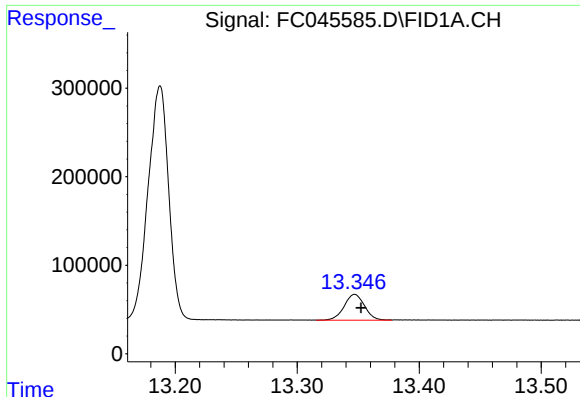
#9 ortho-Terphenyl (SURR)

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: 349057
Conc: 3.40 ug/ml m



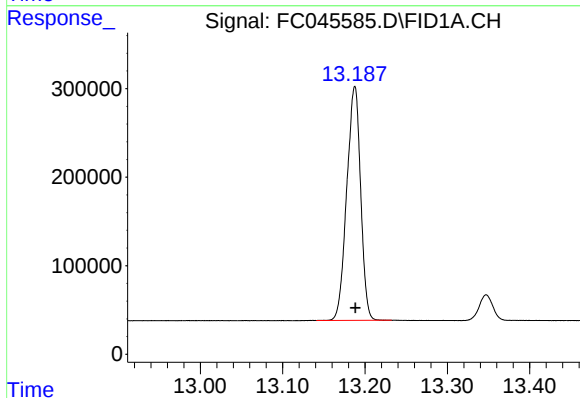
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.006 min
Response: 340569
Conc: 3.29 ug/ml m

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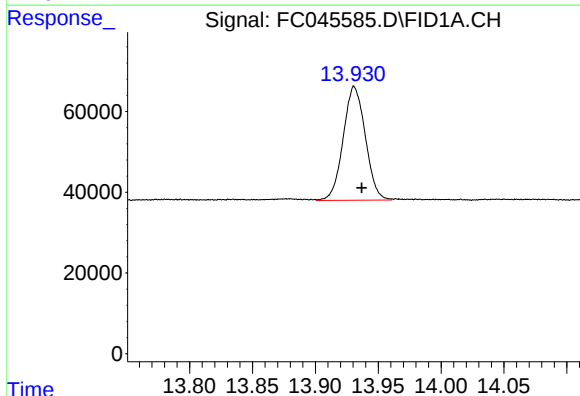
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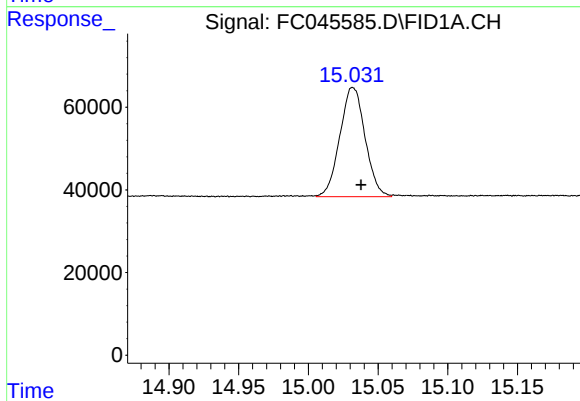
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 3094933
Conc: 35.60 ug/ml



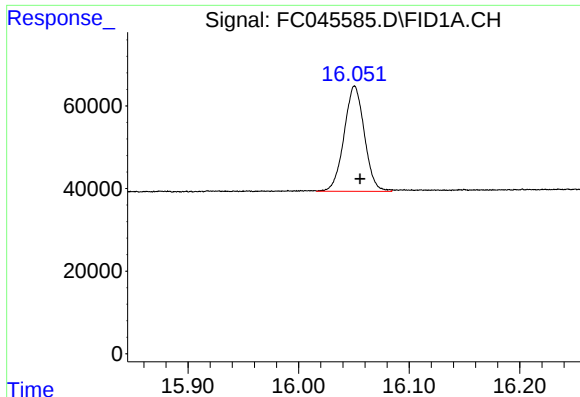
#13 n-Docosane (C22)

R.T.: 13.930 min
Delta R.T.: -0.007 min
Response: 345639
Conc: 3.35 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.006 min
Response: 332826
Conc: 3.20 ug/ml m



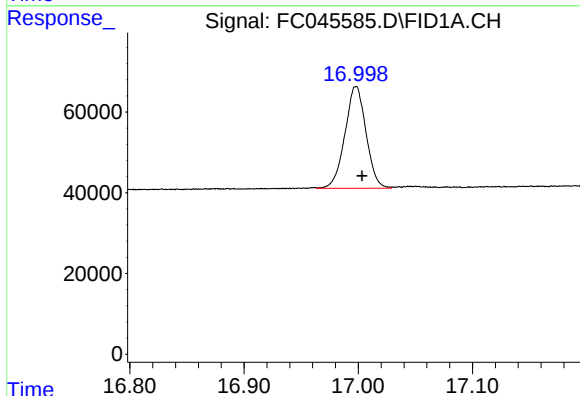
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.005 min
Response: 324842
Conc: 3.14 ug/ml m

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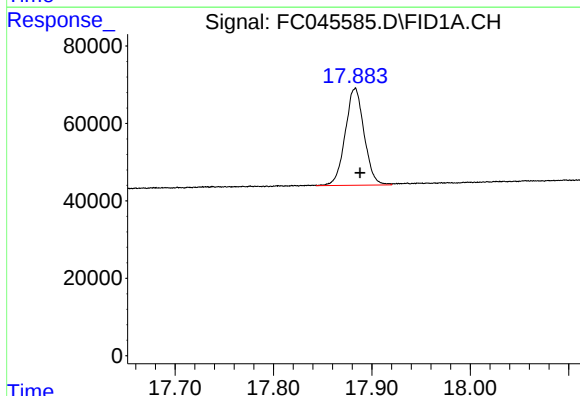
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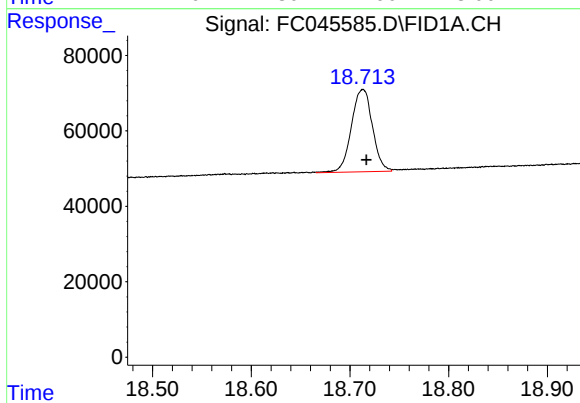
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 324303
Conc: 3.17 ug/ml m



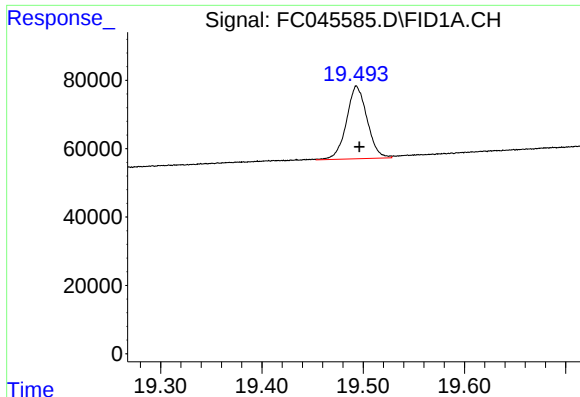
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 334360
Conc: 3.41 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.004 min
Response: 323364
Conc: 3.89 ug/ml m



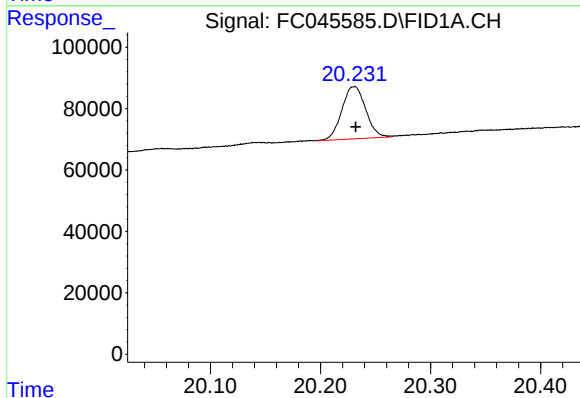
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 301220
Conc: 4.26 ug/ml m

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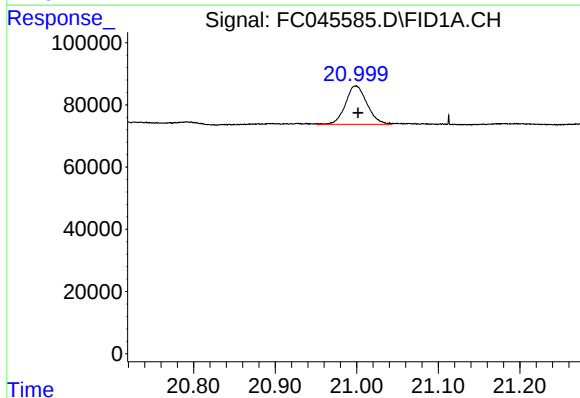
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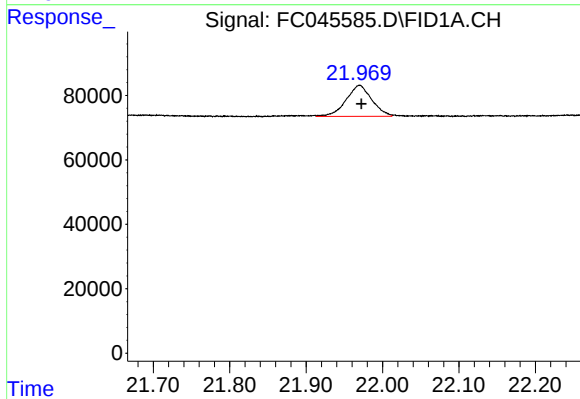
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: 0.000 min
Response: 256783
Conc: 4.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.002 min
Response: 226919
Conc: 3.88 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.003 min
Response: 225473
Conc: 3.82 ug/ml m