

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052466.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 11:42
 Operator : DD\AJ
 Sample : M1458-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 03:35:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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...	13.006	4157564	38.546 ug/ml
Spiked Amount 50.000		Recovery =	77.09%
Target Compounds			
1) T n-Nonane (C9)	3.331	347518	2.992 ug/ml
2) T n-Decane (C10)	4.395	447492	3.819 ug/ml
4) T n-Dodecane (C12)	6.413	528541	4.402 ug/ml
6) T n-Tetradecane (C14)	8.208	583844	4.827 ug/ml
7) T n-Hexadecane (C16)	9.808	584315	4.858 ug/ml
8) T n-Octadecane (C18)	11.249	630460	4.997 ug/ml
10) T n-Eicosane (C20)	12.557	633174	4.959 ug/ml
11) T n-Heneicosane (C21)	13.169	630533	4.961 ug/ml
13) T n-Docosane (C22)	13.755	634641	5.010 ug/ml
14) T n-Tetracosane (C24)	14.857	616019	4.931 ug/ml
15) T n-Hexacosane (C26)	15.878	592719	4.922 ug/ml
16) T n-Octacosane (C28)	16.827	575699	4.993 ug/ml
17) T n-Tricontane (C30)	17.713	553094	5.077 ug/ml
18) T n-Dotriacontane (C32)	18.545	574463	5.725 ug/ml
19) T n-Tetratriacontane (C34)	19.327	519100	5.647 ug/ml
20) T n-Hexatriacontane (C36)	20.064	441393	4.840 ug/mlm
21) T n-Octatriacontane (C38)	20.795	413184	5.063 ug/ml
22) T n-Tetracontane (C40)	21.702	443751	5.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 17 Mar 2021 11:42
Operator : DD\AJ
Sample : M1458-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

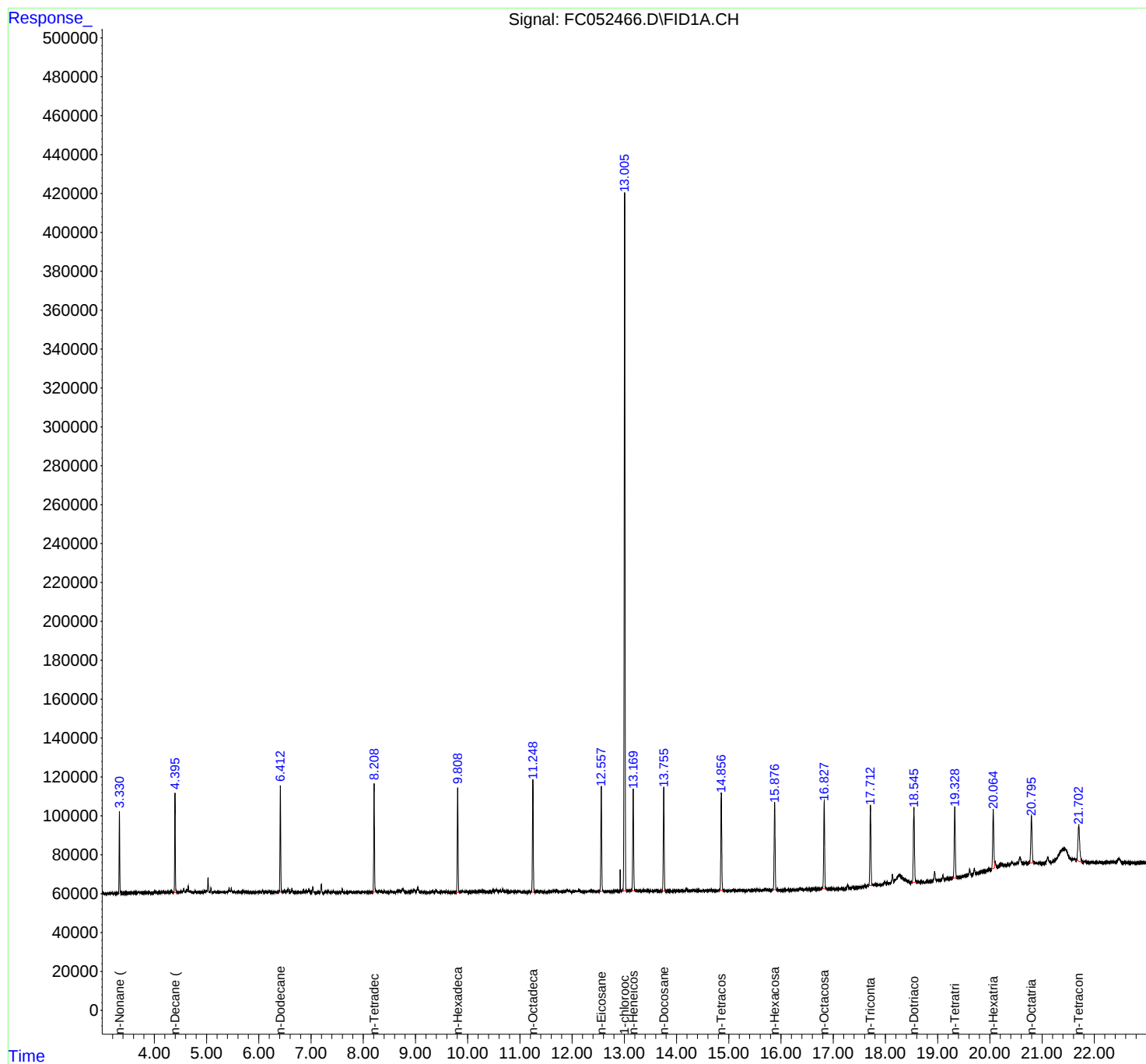
Instrument :
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LOQ-SOIL-02-QT1-2021

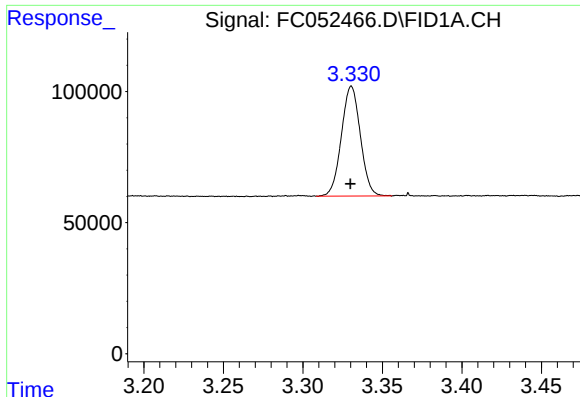
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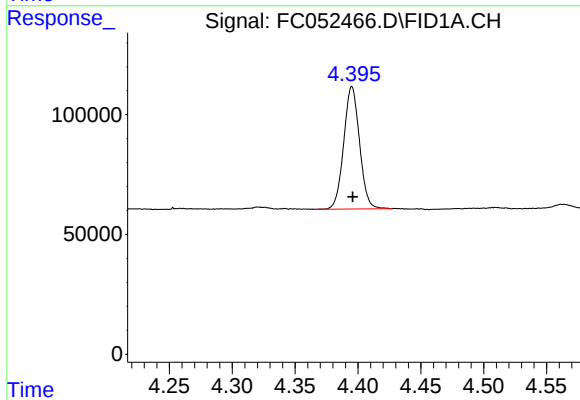
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 347518
Conc: 2.99 ug/ml

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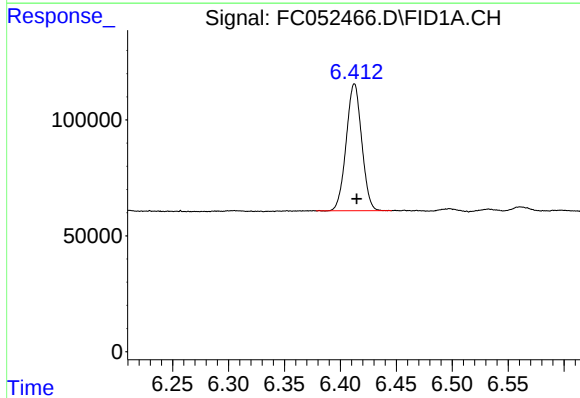
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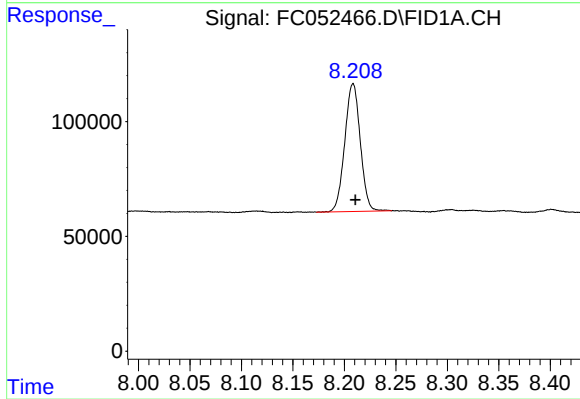
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 447492
Conc: 3.82 ug/ml



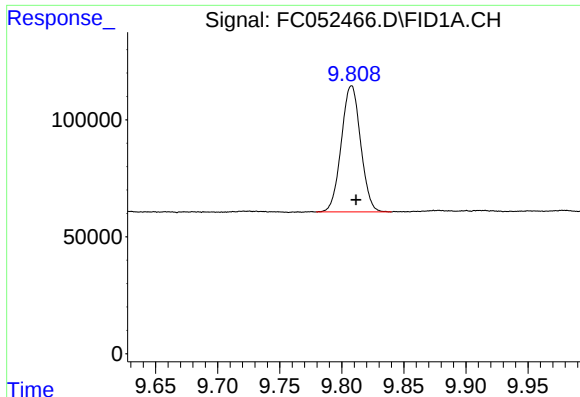
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 528541
Conc: 4.40 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 583844
Conc: 4.83 ug/ml



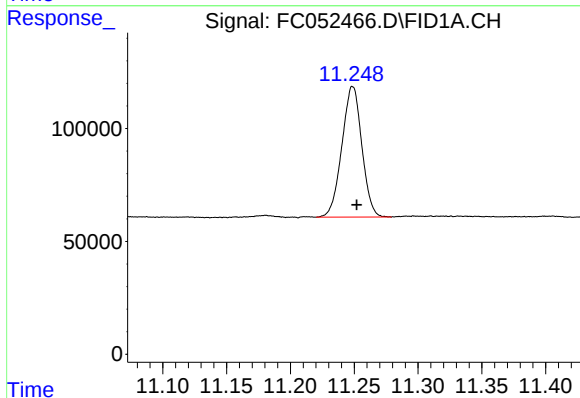
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.004 min
Response: 584315
Conc: 4.86 ug/ml

Instrument :
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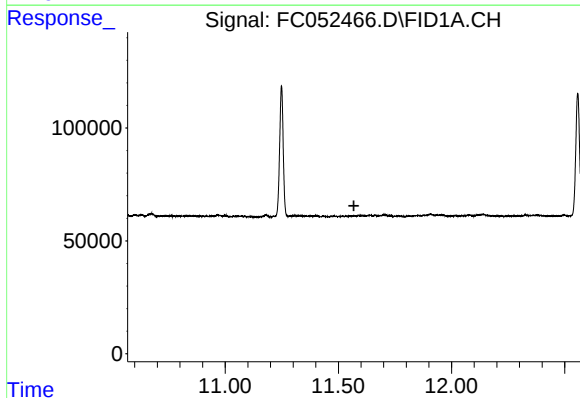
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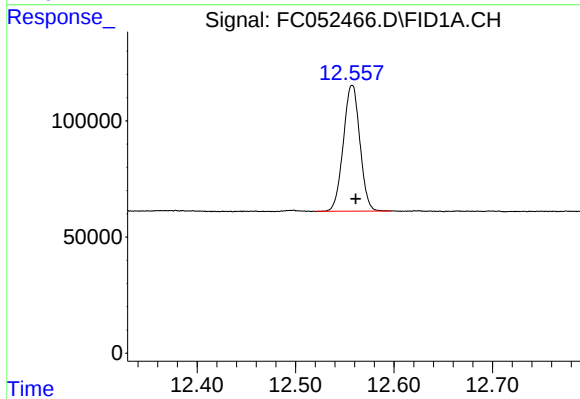
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 630460
Conc: 5.00 ug/ml



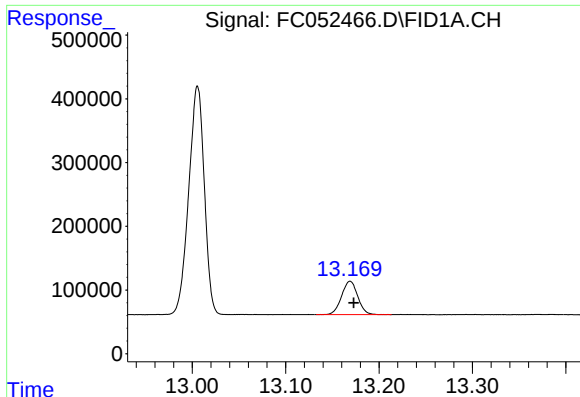
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.004 min
Response: 633174
Conc: 4.96 ug/ml



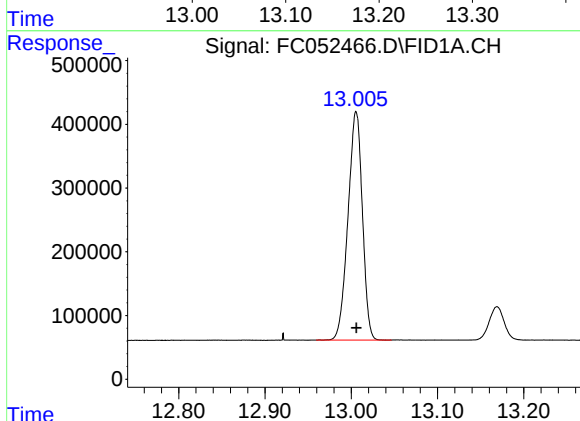
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 630533
Conc: 4.96 ug/ml

Instrument :
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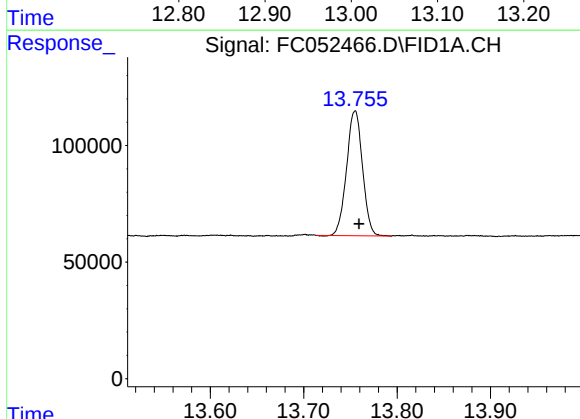
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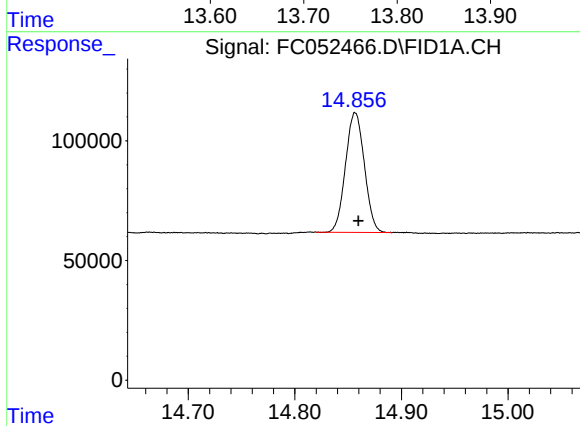
#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 4157564
Conc: 38.55 ug/ml



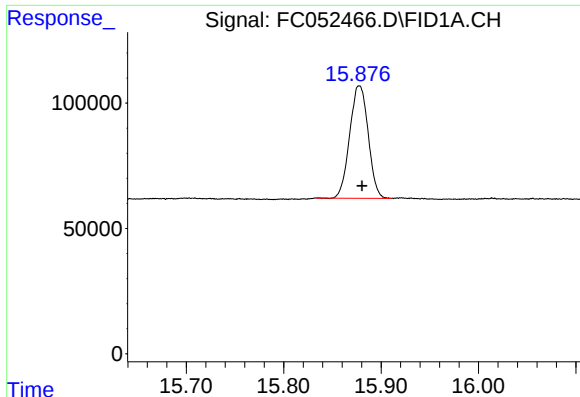
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 634641
Conc: 5.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 616019
Conc: 4.93 ug/ml



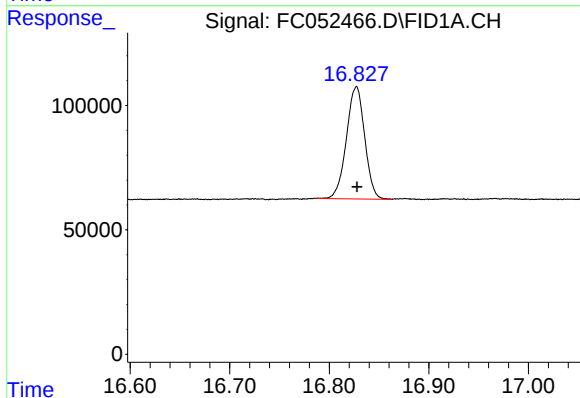
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 592719
Conc: 4.92 ug/ml

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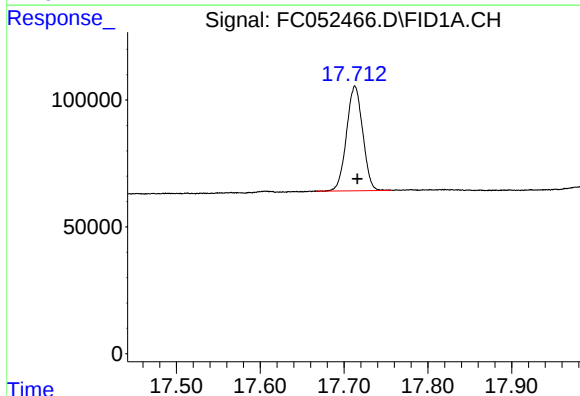
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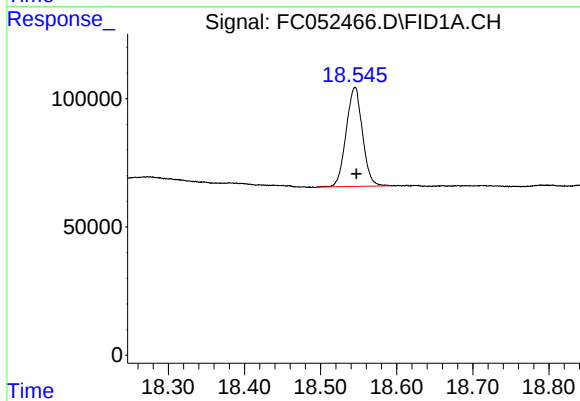
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 575699
Conc: 4.99 ug/ml



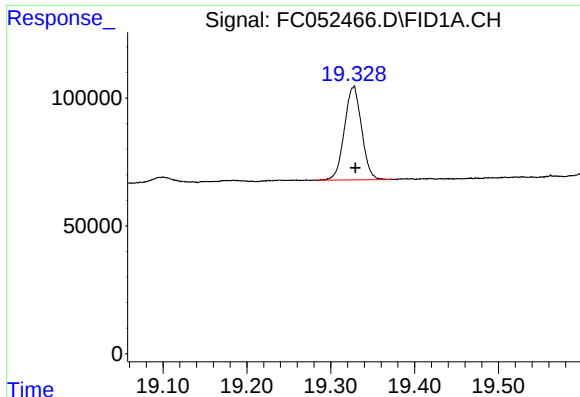
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 553094
Conc: 5.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 574463
Conc: 5.73 ug/ml



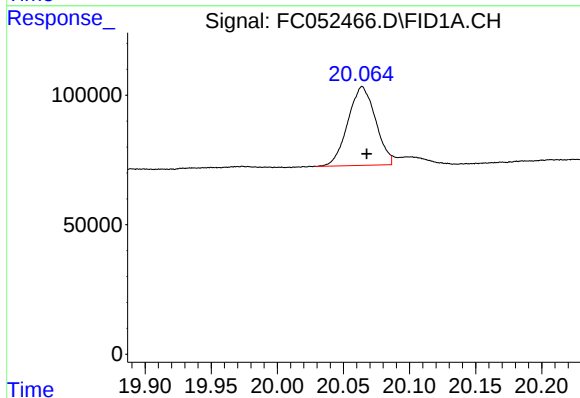
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 519100
Conc: 5.65 ug/ml

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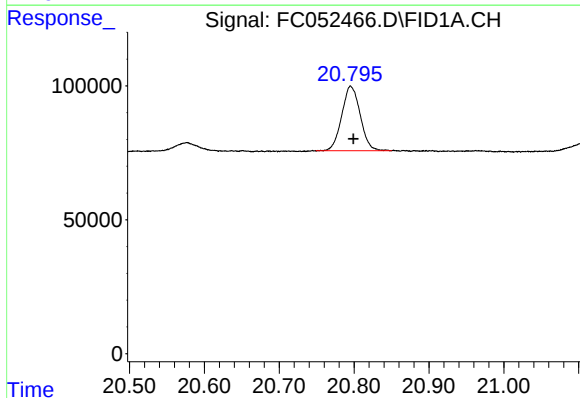
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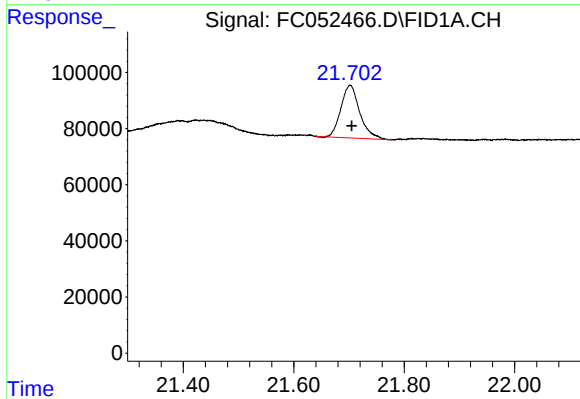
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.004 min
Response: 441393
Conc: 4.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 413184
Conc: 5.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 443751
Conc: 5.15 ug/ml