

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052471.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 14:51
 Operator : DD\AJ
 Sample : M1458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 03:36:49 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...	13.004	2365923	21.935 ug/ml
Spiked Amount 50.000		Recovery =	43.87%
Target Compounds			
1) T n-Nonane (C9)	3.328	276886	2.384 ug/ml
2) T n-Decane (C10)	4.393	344741	2.942 ug/ml
4) T n-Dodecane (C12)	6.411	455123	3.791 ug/ml
6) T n-Tetradecane (C14)	8.207	453239	3.747 ug/ml
7) T n-Hexadecane (C16)	9.807	438680	3.647 ug/ml
8) T n-Octadecane (C18)	11.248	465466	3.689 ug/ml
10) T n-Eicosane (C20)	12.558	462382	3.621 ug/ml
11) T n-Heneicosane (C21)	13.169	459371	3.614 ug/ml
13) T n-Docosane (C22)	13.755	464206	3.664 ug/ml
14) T n-Tetracosane (C24)	14.858	453283	3.629 ug/ml
15) T n-Hexacosane (C26)	15.878	440425	3.658 ug/ml
16) T n-Octacosane (C28)	16.827	425442	3.690 ug/ml
17) T n-Tricontane (C30)	17.714	401053	3.681 ug/ml
18) T n-Dotriacontane (C32)	18.546	381728	3.804 ug/ml
19) T n-Tetratriacontane (C34)	19.329	355418	3.867 ug/ml
20) T n-Hexatriacontane (C36)	20.066	330958	3.629 ug/mlm
21) T n-Octatriacontane (C38)	20.799	305578	3.744 ug/ml
22) T n-Tetracontane (C40)	21.701	325751	3.782 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

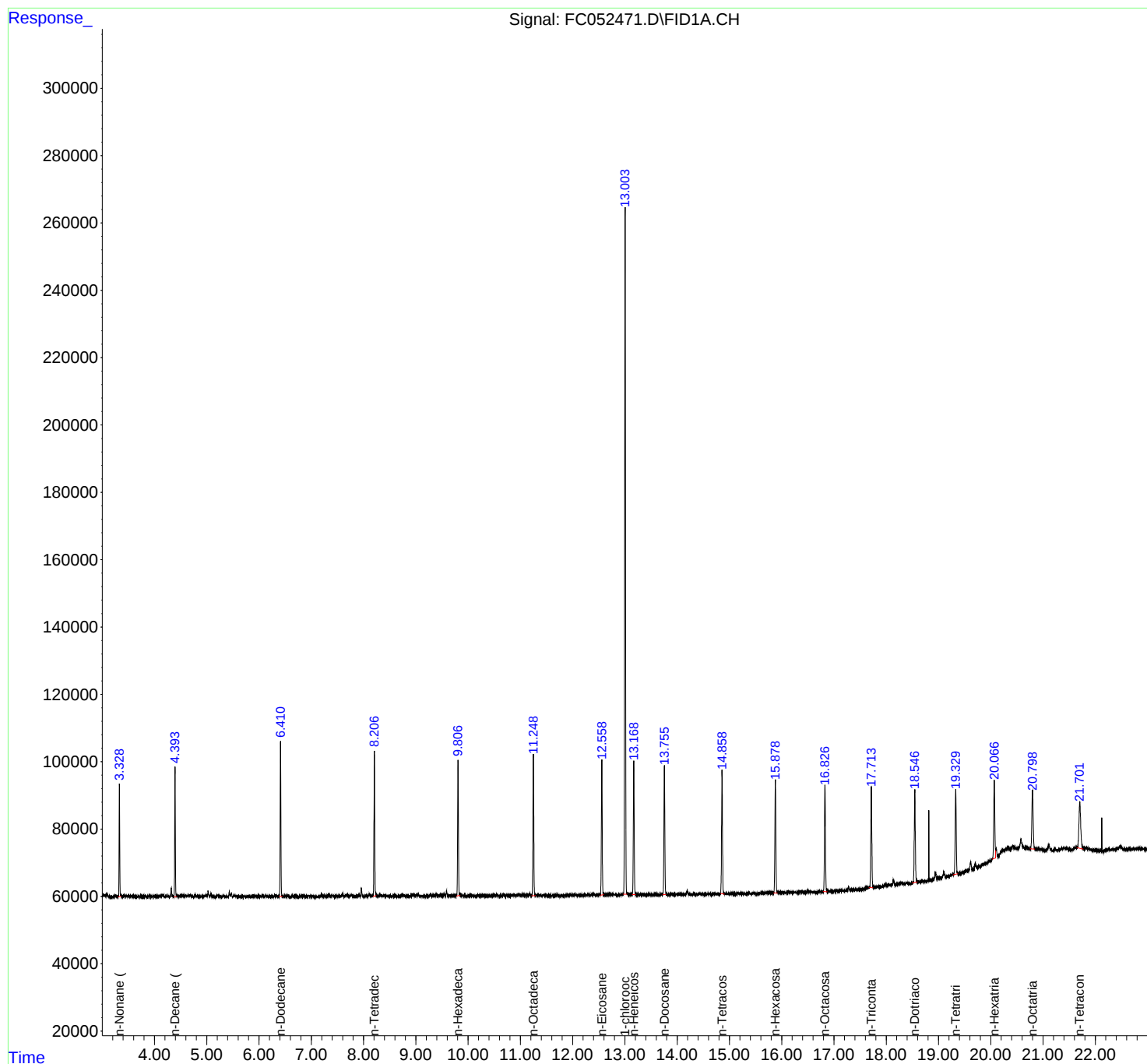
Instrument :
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LOD-MDL-WATER-01-QT1-2021

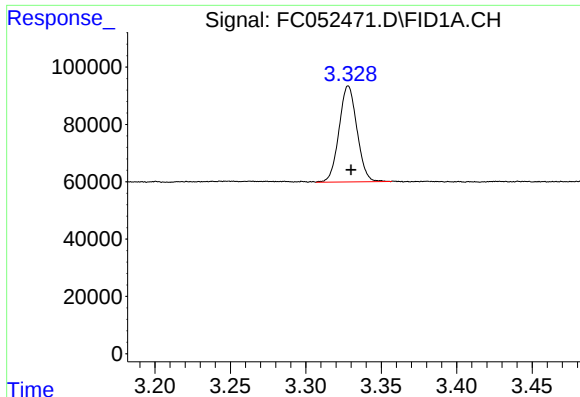
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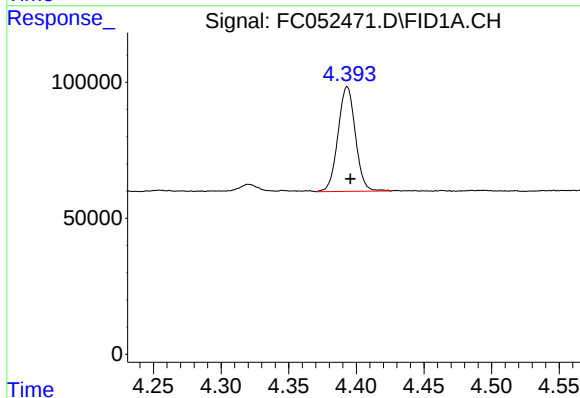
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 276886
Conc: 2.38 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

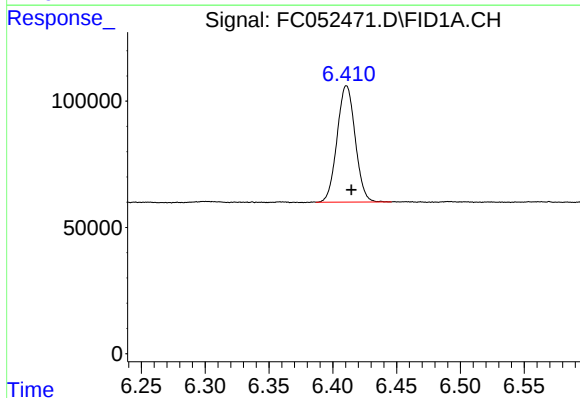
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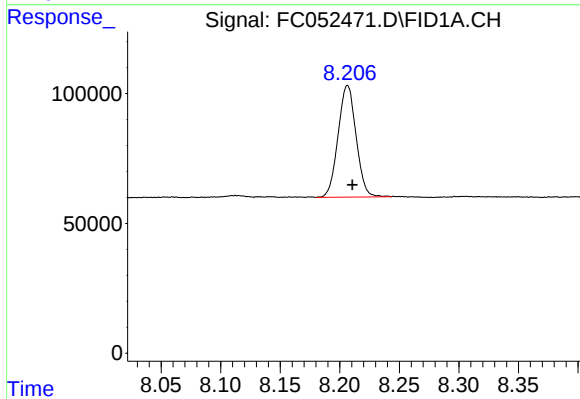
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.002 min
Response: 344741
Conc: 2.94 ug/ml



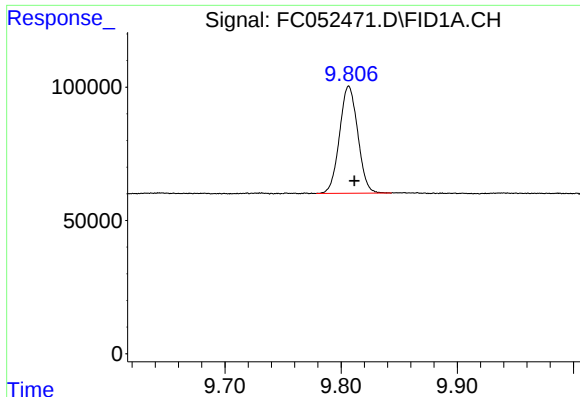
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 455123
Conc: 3.79 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 453239
Conc: 3.75 ug/ml



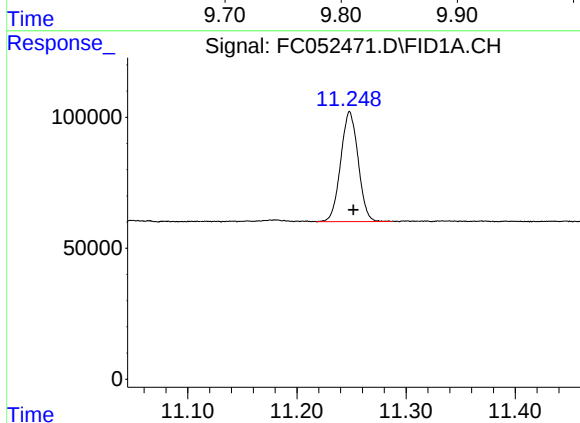
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.005 min
Response: 438680
Conc: 3.65 ug/ml

Instrument :
FID_C
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LOD-MDL-WATER-01-QT1-2021

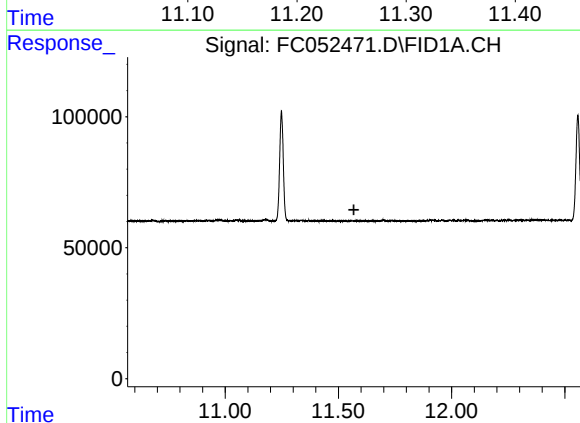
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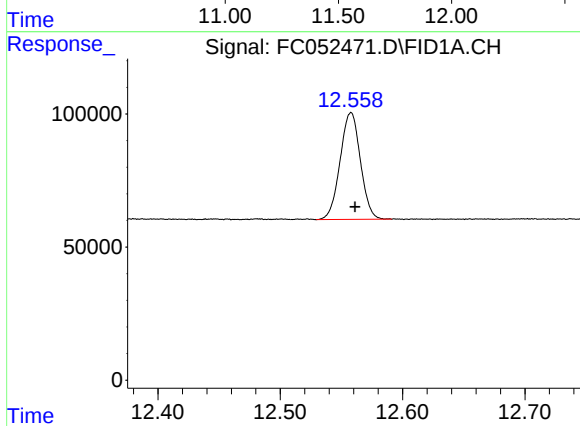
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.003 min
Response: 465466
Conc: 3.69 ug/ml



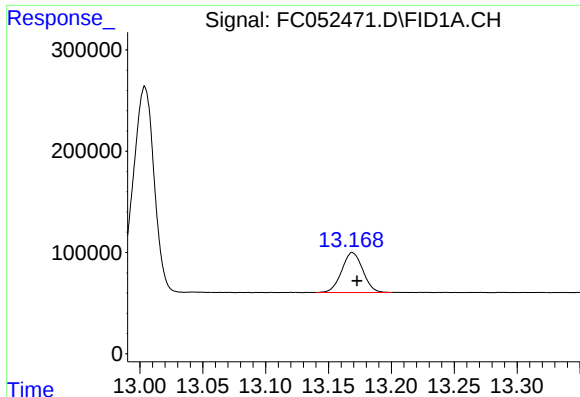
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 462382
Conc: 3.62 ug/ml



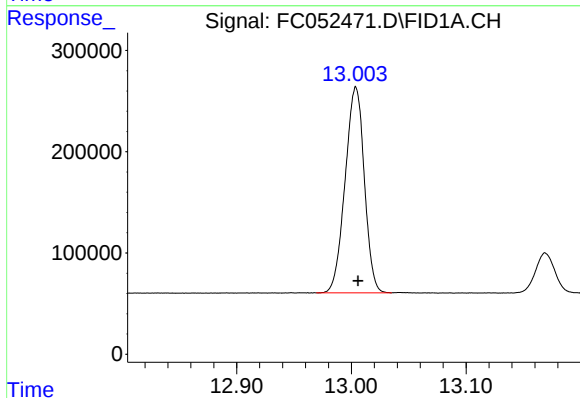
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 459371
Conc: 3.61 ug/ml

Instrument :
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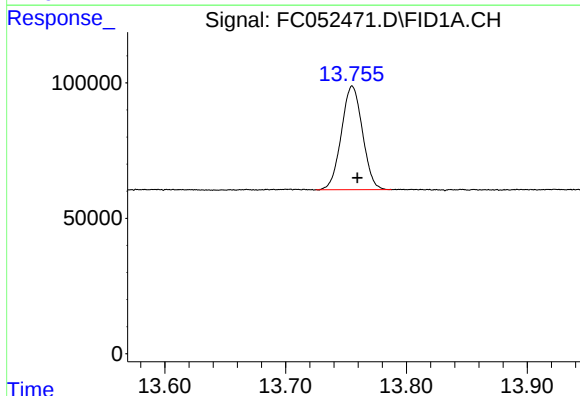
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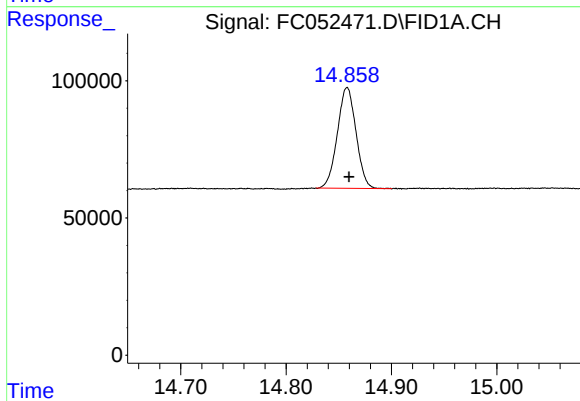
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.002 min
Response: 2365923
Conc: 21.94 ug/ml



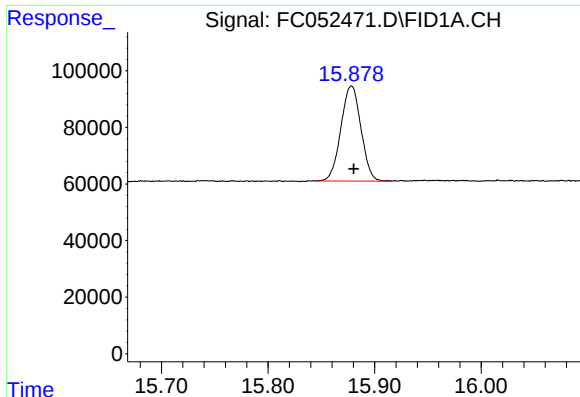
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 464206
Conc: 3.66 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 453283
Conc: 3.63 ug/ml



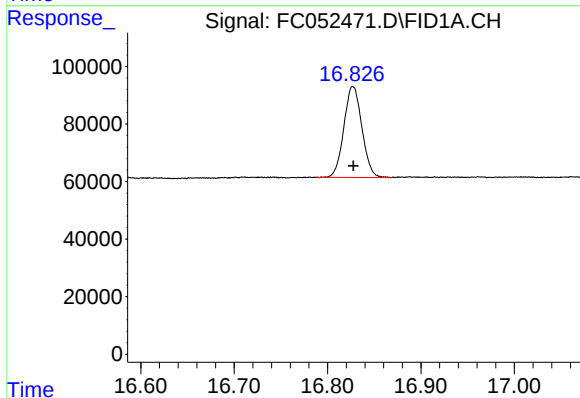
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 440425
Conc: 3.66 ug/ml

Instrument :
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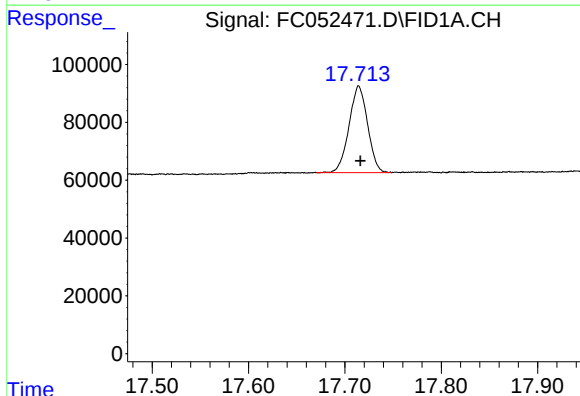
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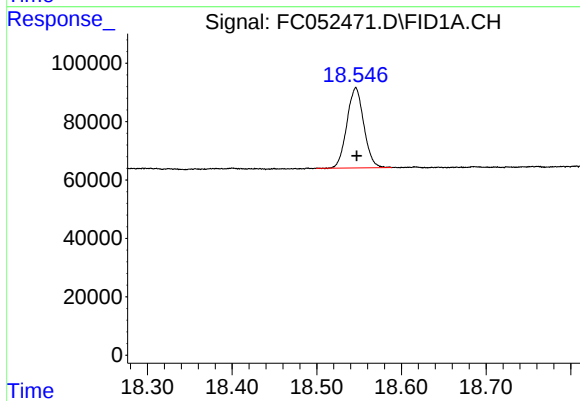
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 425442
Conc: 3.69 ug/ml



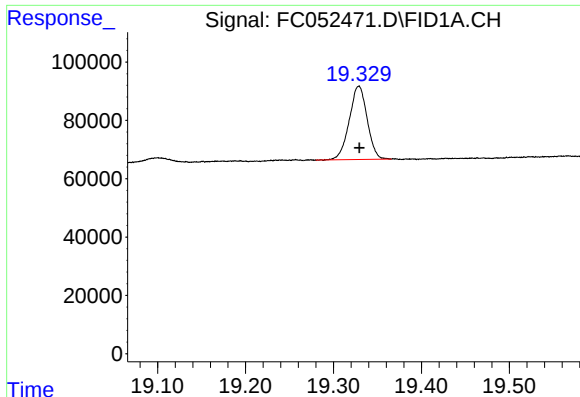
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 401053
Conc: 3.68 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 381728
Conc: 3.80 ug/ml



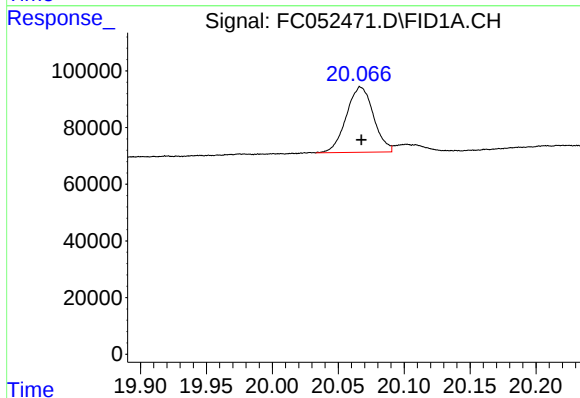
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 355418
Conc: 3.87 ug/ml

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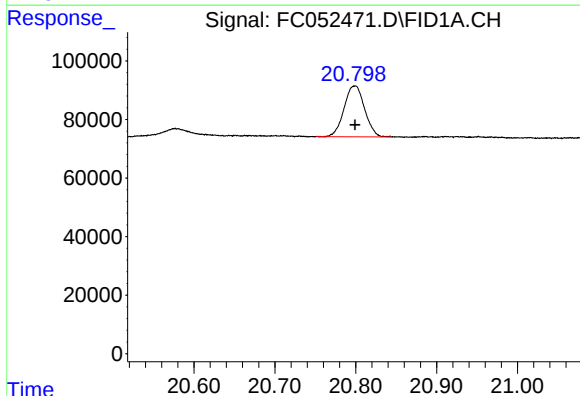
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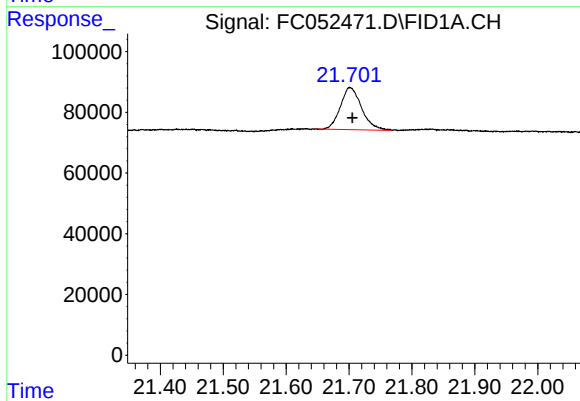
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 330958
Conc: 3.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 305578
Conc: 3.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.004 min
Response: 325751
Conc: 3.78 ug/ml