

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052465.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 11:02
 Operator : DD\AJ
 Sample : M1458-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 18 03:35:05 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...	13.008	4301855	39.884 ug/ml
Spiked Amount 50.000		Recovery =	79.77%
Target Compounds			
1) T n-Nonane (C9)	3.331	229736	1.978 ug/ml
2) T n-Decane (C10)	4.395	309800	2.644 ug/ml
4) T n-Dodecane (C12)	6.413	372261	3.100 ug/ml
6) T n-Tetradecane (C14)	8.209	394168	3.259 ug/ml
7) T n-Hexadecane (C16)	9.809	386663	3.215 ug/ml
8) T n-Octadecane (C18)	11.249	411012	3.258 ug/ml
10) T n-Eicosane (C20)	12.559	415065	3.250 ug/ml
11) T n-Heneicosane (C21)	13.171	406922	3.201 ug/ml
13) T n-Docosane (C22)	13.756	420096	3.316 ug/ml
14) T n-Tetracosane (C24)	14.858	408873	3.273 ug/ml
15) T n-Hexacosane (C26)	15.879	395720	3.286 ug/ml
16) T n-Octacosane (C28)	16.828	393822	3.416 ug/ml
17) T n-Tricontane (C30)	17.714	408732	3.752 ug/ml
18) T n-Dotriacontane (C32)	18.545	443199	4.417 ug/ml
19) T n-Tetratriacontane (C34)	19.328	384942	4.188 ug/ml
20) T n-Hexatriacontane (C36)	20.066	312439	3.426 ug/mlm
21) T n-Octatriacontane (C38)	20.797	272964	3.345 ug/ml
22) T n-Tetracontane (C40)	21.701	476532	5.532 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1458-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

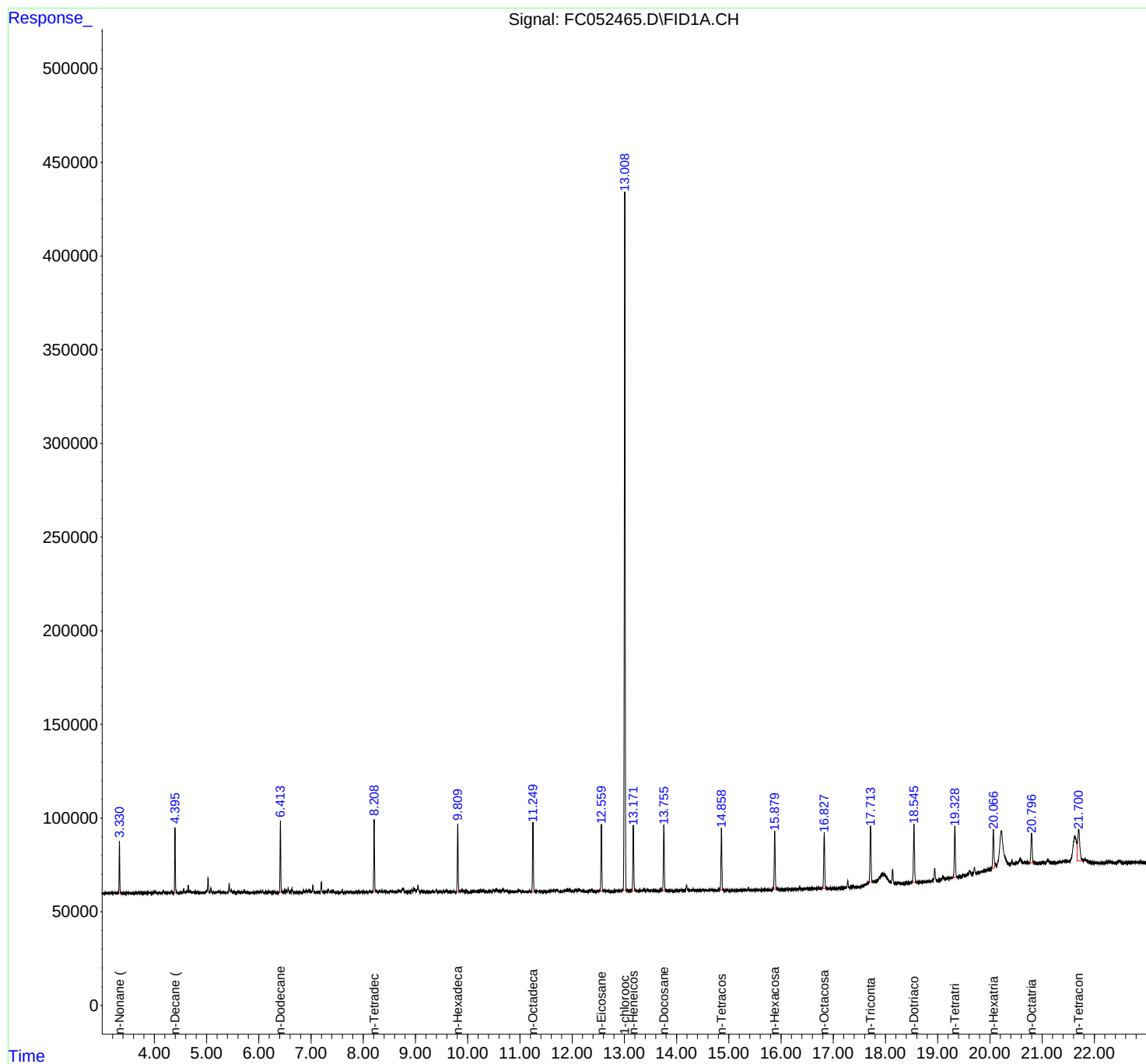
Instrument :
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LOD-MDL-SOIL-01-QT1-2021

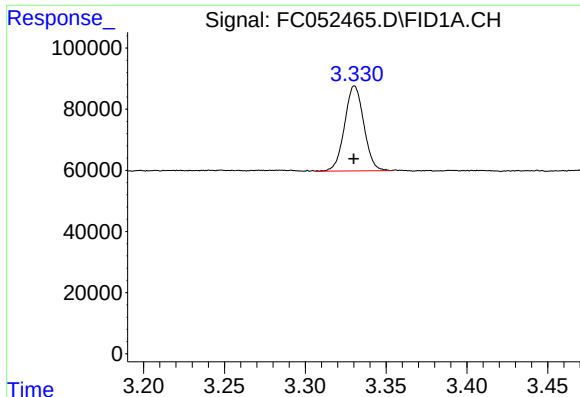
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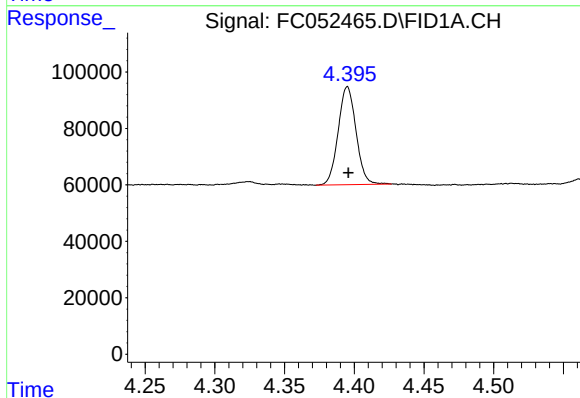
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 229736
Conc: 1.98 ug/ml

Instrument :
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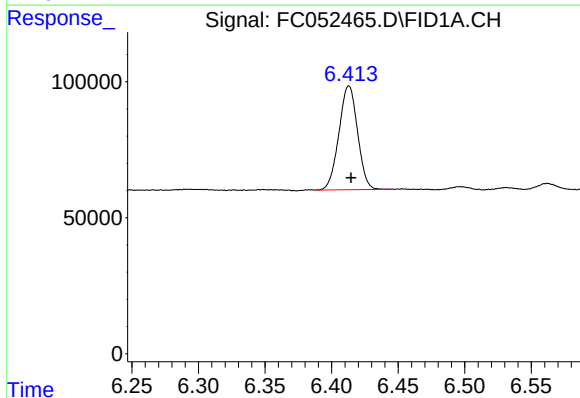
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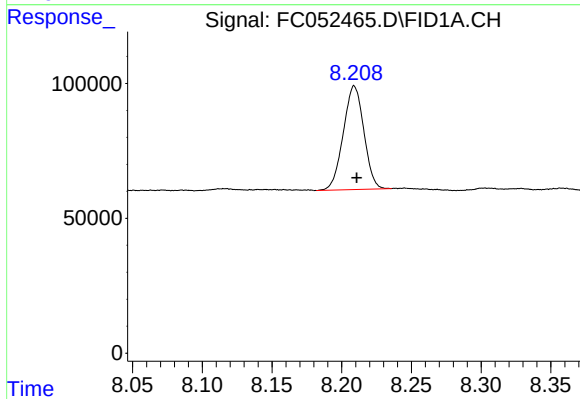
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 309800
Conc: 2.64 ug/ml



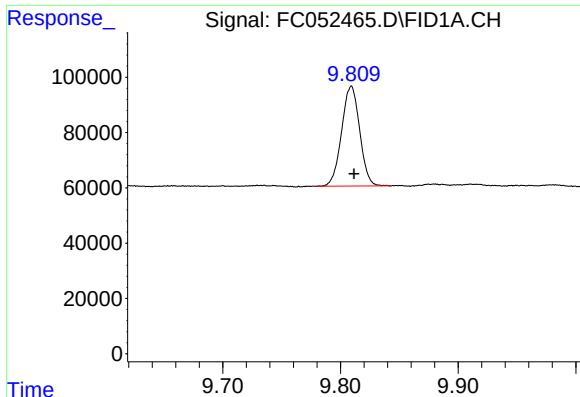
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 372261
Conc: 3.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.002 min
Response: 394168
Conc: 3.26 ug/ml



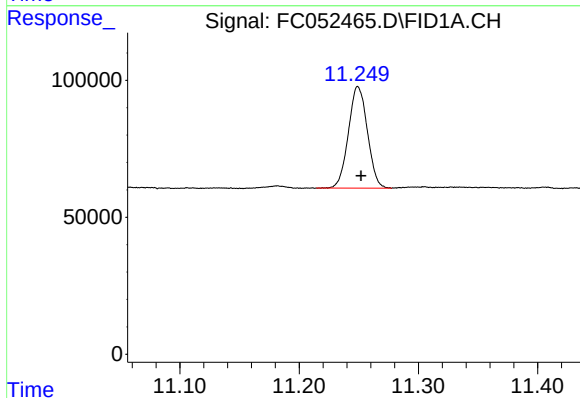
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.002 min
Response: 386663
Conc: 3.21 ug/ml

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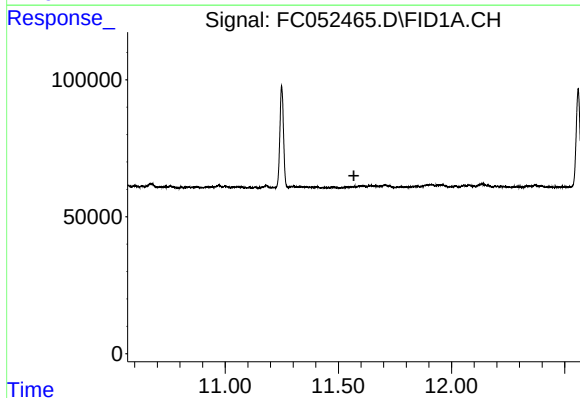
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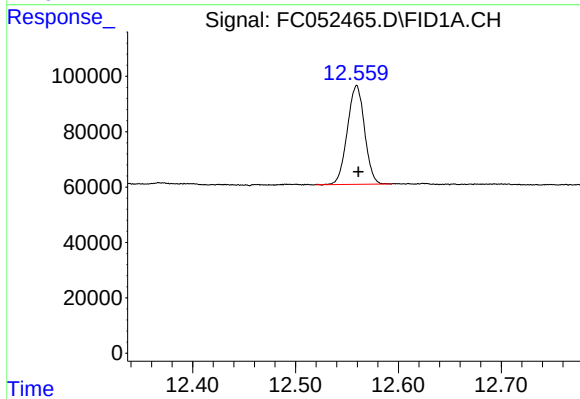
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 411012
Conc: 3.26 ug/ml



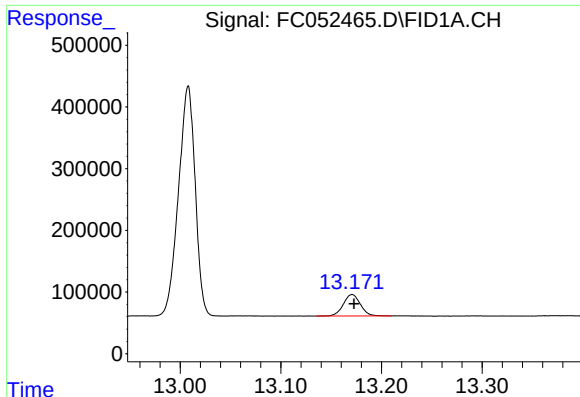
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 415065
Conc: 3.25 ug/ml



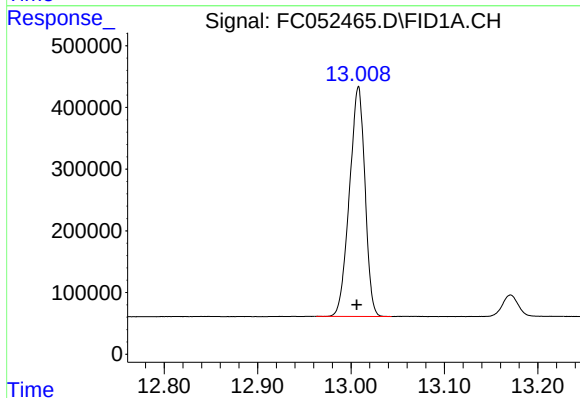
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.002 min
Response: 406922
Conc: 3.20 ug/ml

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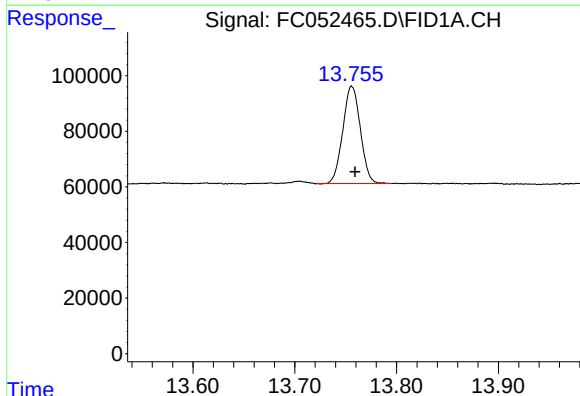
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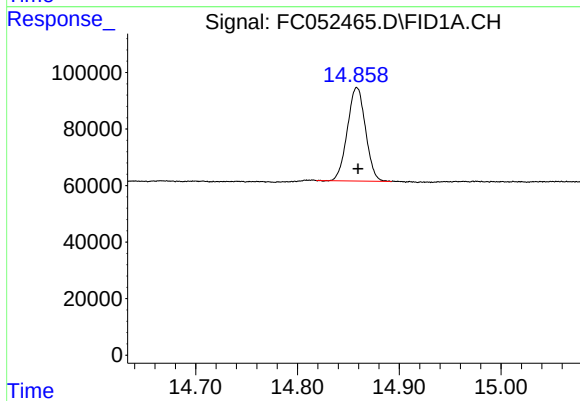
#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: 0.002 min
Response: 4301855
Conc: 39.88 ug/ml



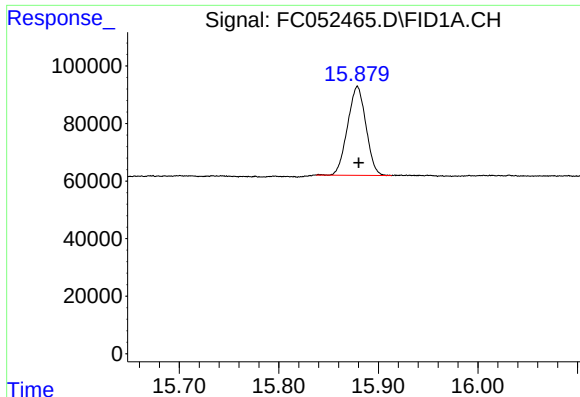
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.003 min
Response: 420096
Conc: 3.32 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.001 min
Response: 408873
Conc: 3.27 ug/ml



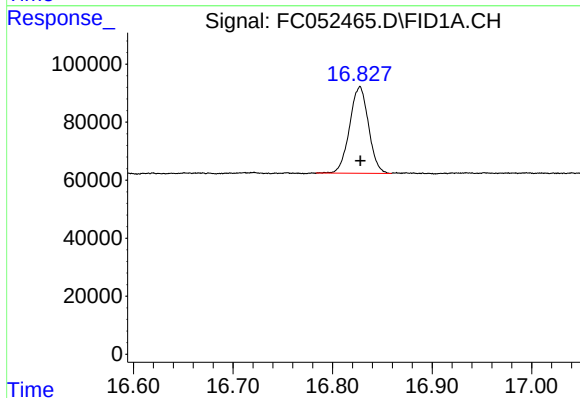
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 395720
Conc: 3.29 ug/ml

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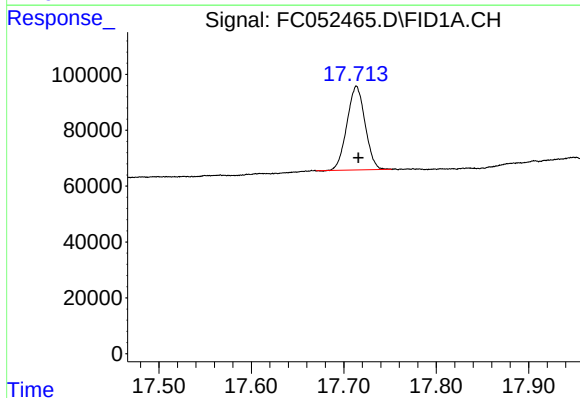
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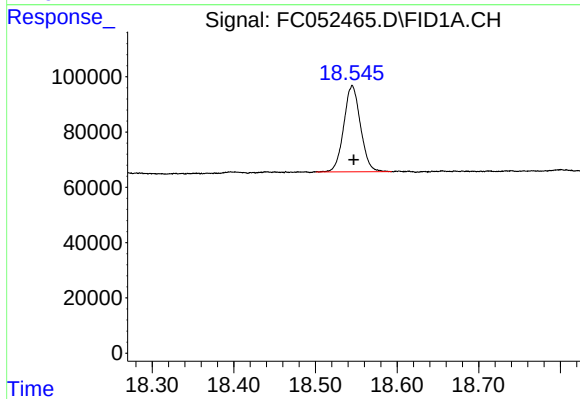
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 393822
Conc: 3.42 ug/ml



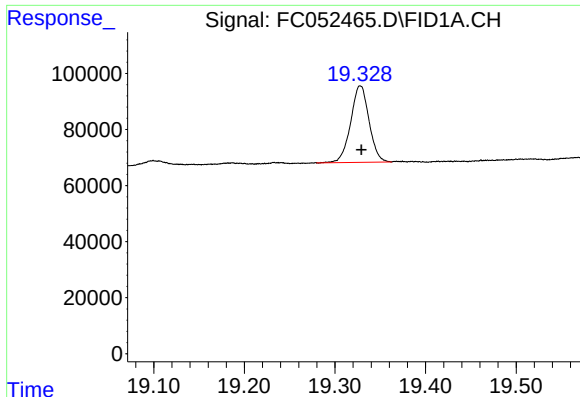
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 408732
Conc: 3.75 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 443199
Conc: 4.42 ug/ml



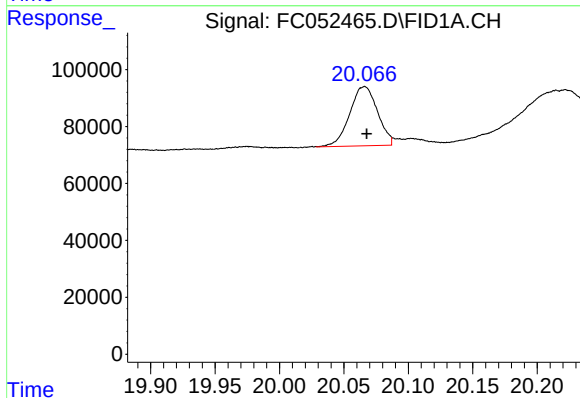
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.001 min
Response: 384942
Conc: 4.19 ug/ml

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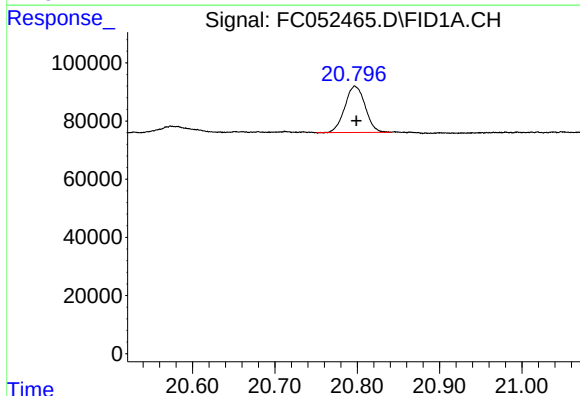
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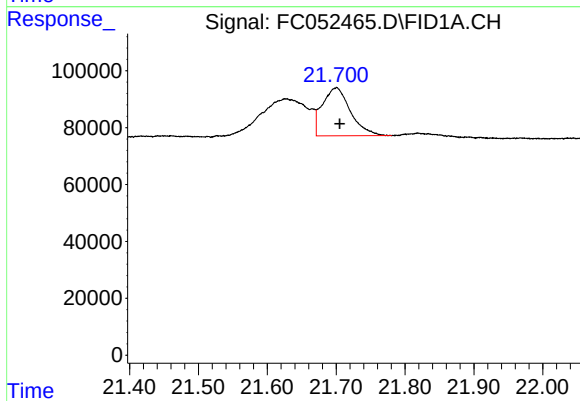
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 312439
Conc: 3.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 272964
Conc: 3.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.005 min
Response: 476532
Conc: 5.53 ug/ml