

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052469.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 13:36
 Operator : DD\AJ
 Sample : M1458-07
 Misc :
 ALS Vial : 8 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 03:36:14 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	4100279	38.015 ug/ml
Spiked Amount 50.000		Recovery =	76.03%
Target Compounds			
1) T n-Nonane (C9)	3.328	237219	2.042 ug/ml
2) T n-Decane (C10)	4.393	315518	2.692 ug/ml
4) T n-Dodecane (C12)	6.411	440215	3.666 ug/ml
6) T n-Tetradecane (C14)	8.206	432697	3.578 ug/ml
7) T n-Hexadecane (C16)	9.807	395751	3.291 ug/ml
8) T n-Octadecane (C18)	11.249	405865	3.217 ug/ml
10) T n-Eicosane (C20)	12.558	410763	3.217 ug/ml
11) T n-Heneicosane (C21)	13.170	416281	3.275 ug/ml
13) T n-Docosane (C22)	13.756	420271	3.318 ug/ml
14) T n-Tetracosane (C24)	14.858	414269	3.316 ug/ml
15) T n-Hexacosane (C26)	15.878	403537	3.351 ug/ml
16) T n-Octacosane (C28)	16.827	398850	3.459 ug/ml
17) T n-Tricontane (C30)	17.714	397392	3.647 ug/ml
18) T n-Dotriacontane (C32)	18.546	403058	4.017 ug/ml
19) T n-Tetratriacontane (C34)	19.328	375471	4.085 ug/ml
20) T n-Hexatriacontane (C36)	20.066	324539	3.559 ug/mlm
21) T n-Octatriacontane (C38)	20.797	294201	3.605 ug/ml
22) T n-Tetracontane (C40)	21.704	425152	4.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1458-07
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ALS Vial : 8 Sample Multiplier: 1

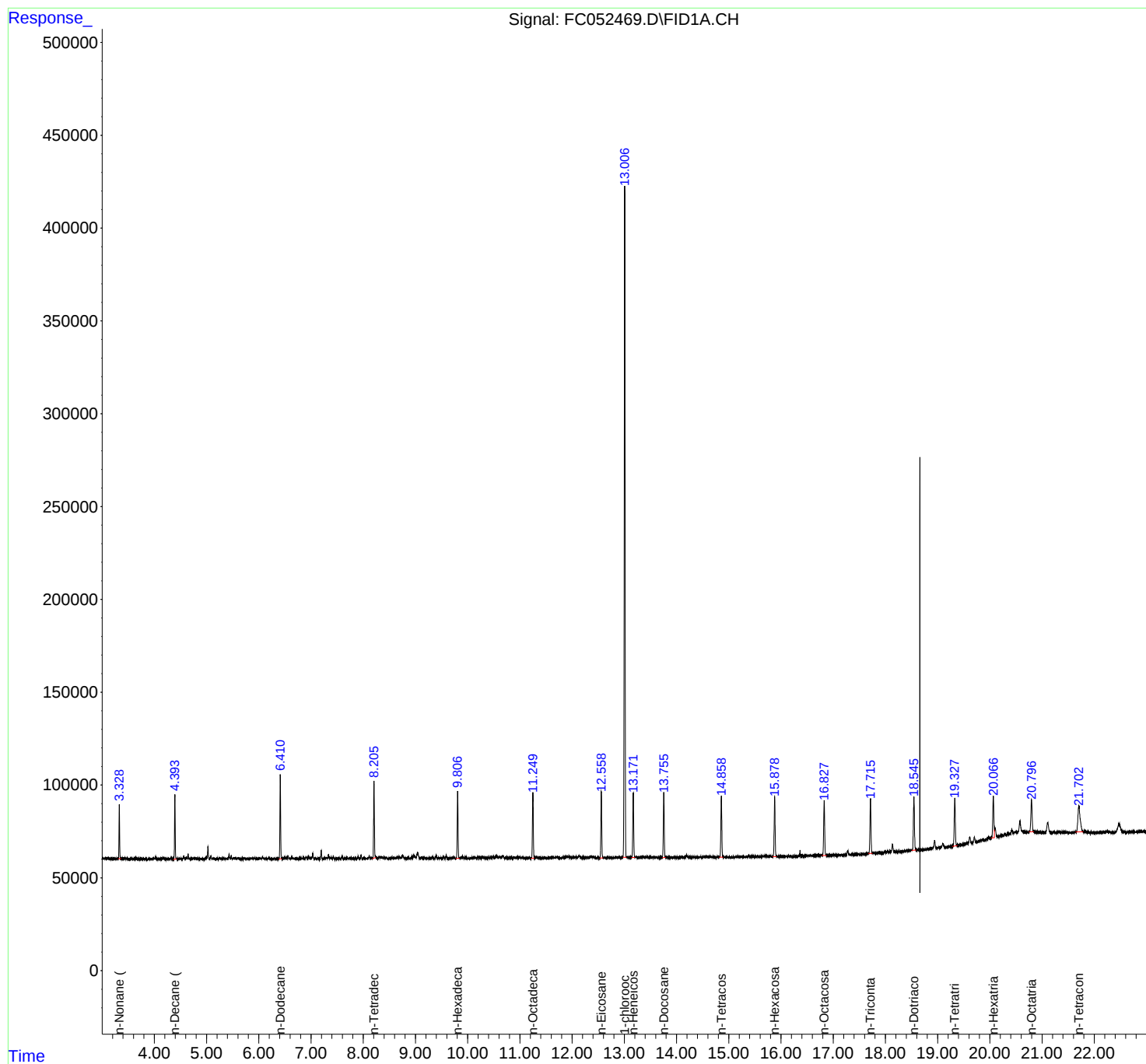
Instrument :
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LOD-MDL-WATER-01-QT1-2021

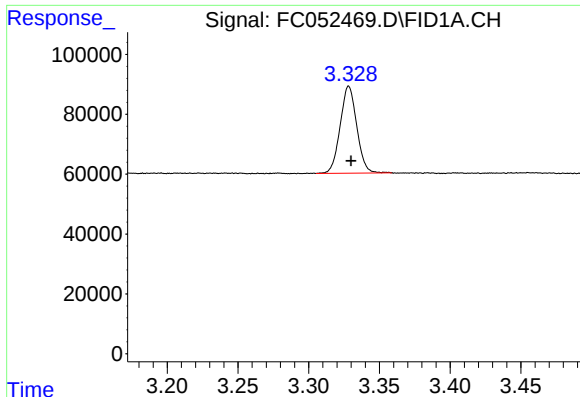
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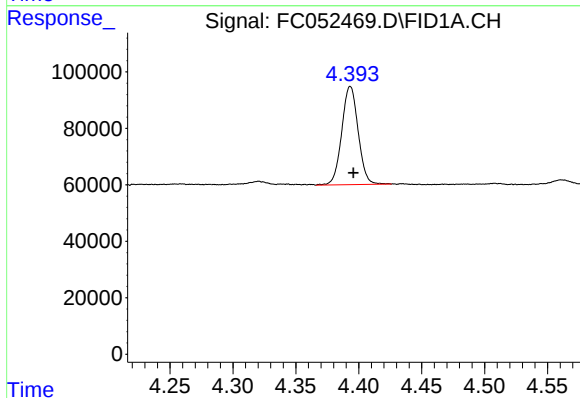
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 237219
Conc: 2.04 ug/ml

Instrument :
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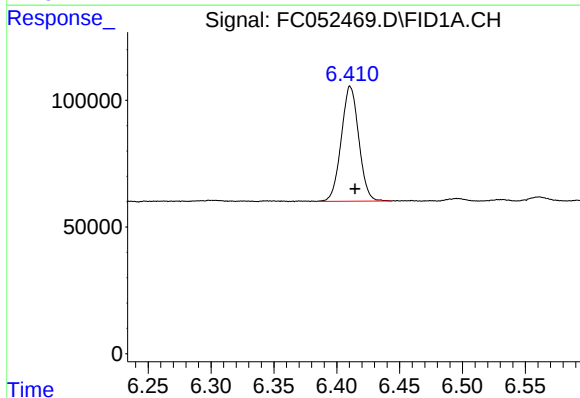
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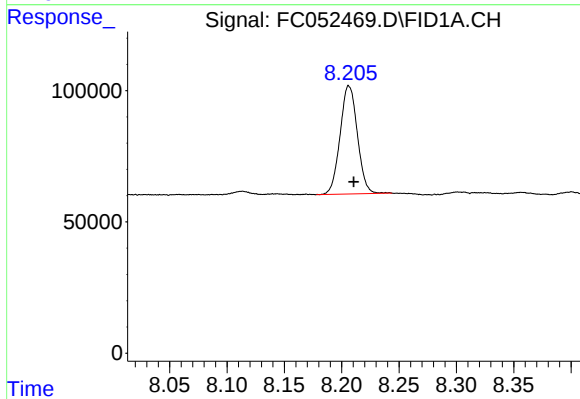
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.002 min
Response: 315518
Conc: 2.69 ug/ml



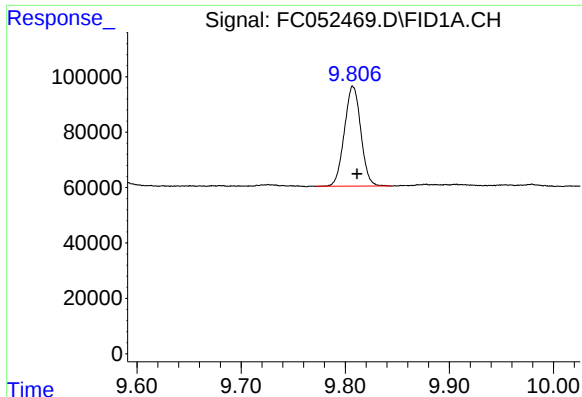
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 440215
Conc: 3.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 432697
Conc: 3.58 ug/ml



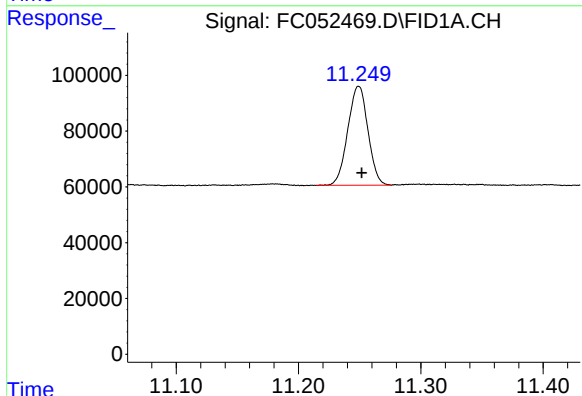
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 395751
Conc: 3.29 ug/ml

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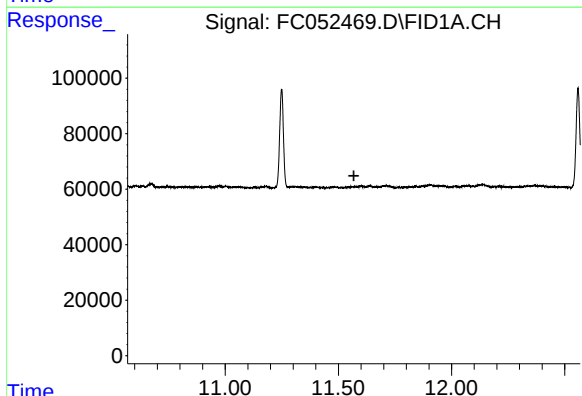
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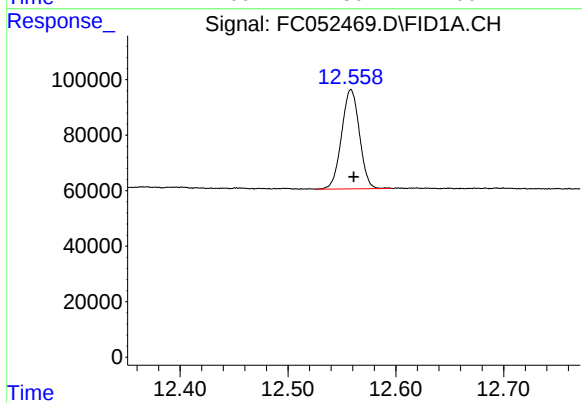
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 405865
Conc: 3.22 ug/ml



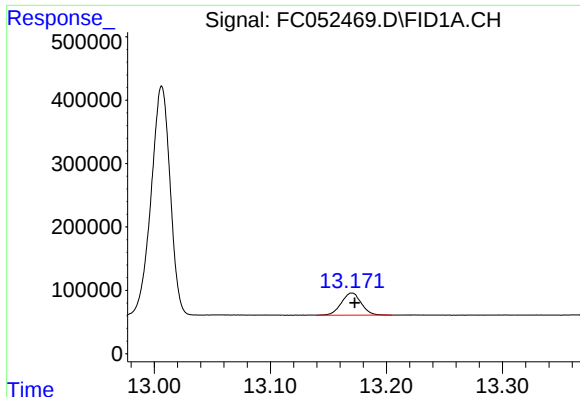
#9 ortho-Terphenyl (SURR)

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: 410763
Conc: 3.22 ug/ml



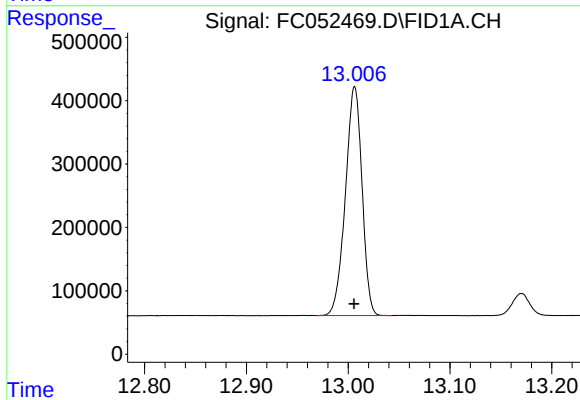
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.002 min
Response: 416281
Conc: 3.28 ug/ml

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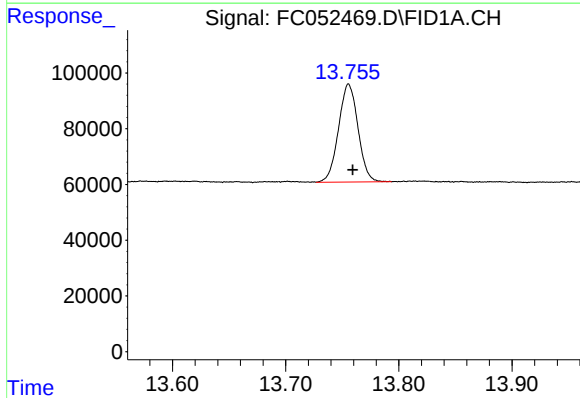
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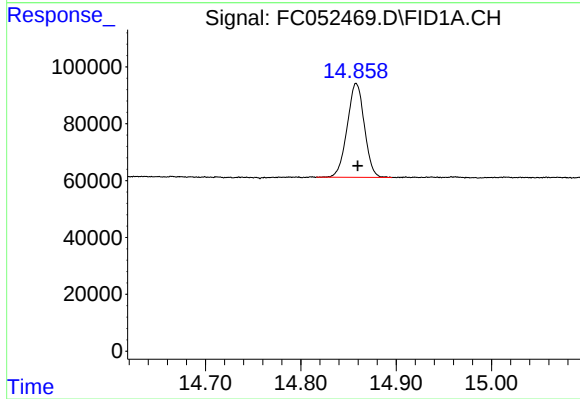
#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 4100279
Conc: 38.02 ug/ml



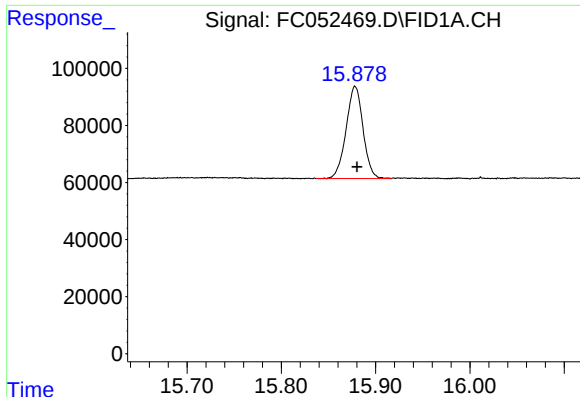
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 420271
Conc: 3.32 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 414269
Conc: 3.32 ug/ml



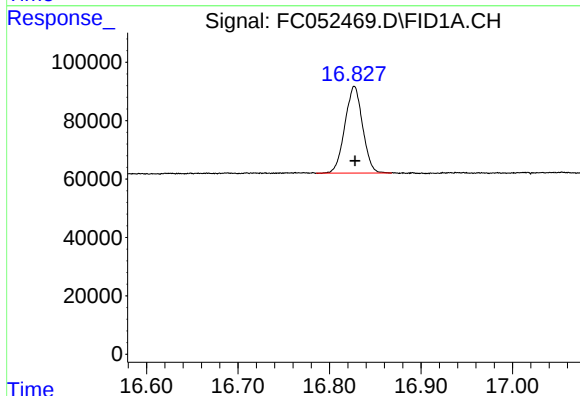
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 403537
Conc: 3.35 ug/ml

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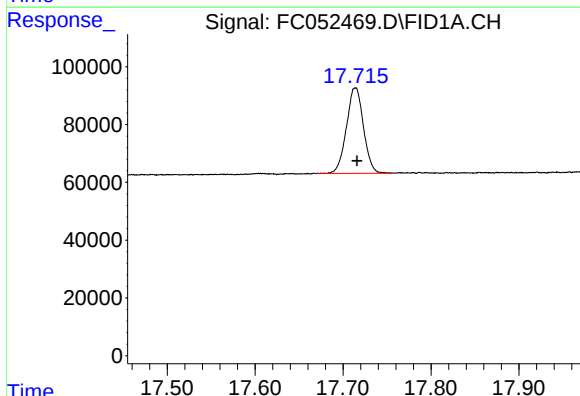
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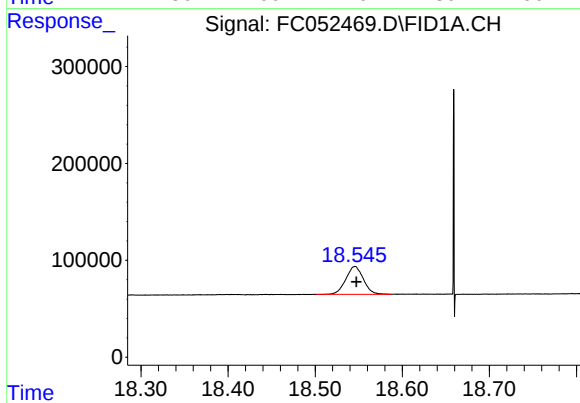
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 398850
Conc: 3.46 ug/ml



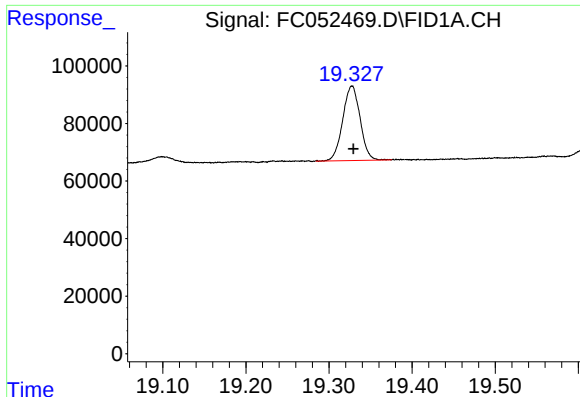
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 397392
Conc: 3.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 403058
Conc: 4.02 ug/ml



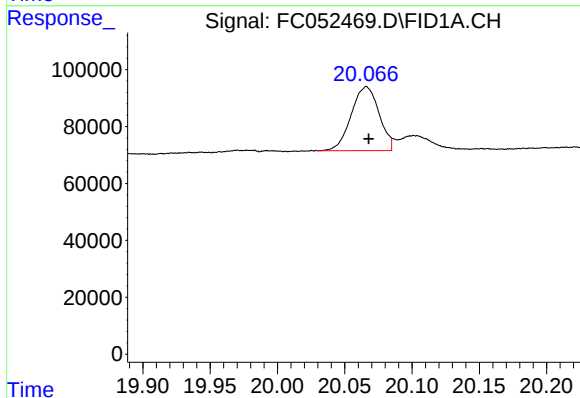
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.002 min
Response: 375471
Conc: 4.08 ug/ml

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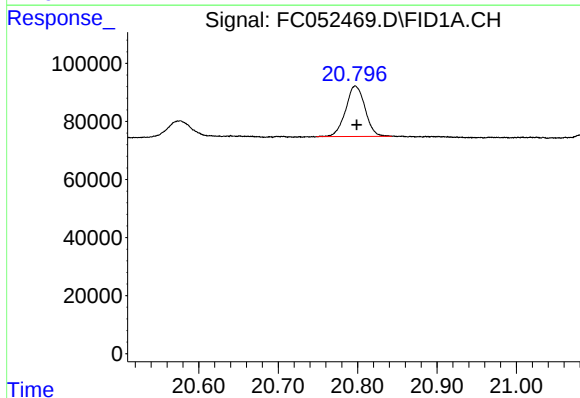
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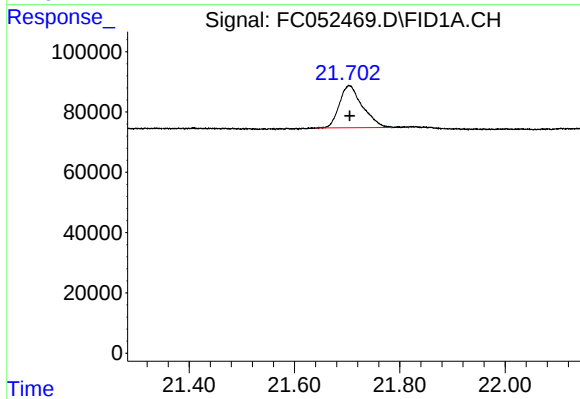
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 324539
Conc: 3.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 294201
Conc: 3.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.002 min
Response: 425152
Conc: 4.94 ug/ml