

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053628.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 16:20
 Operator : DD\AJ
 Sample : M2262-07
 Misc : LOD-WATER- 4 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 11 03:20:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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...	12.971	4150765	37.215 ug/ml
Spiked Amount 50.000		Recovery =	74.43%
Target Compounds			
1) T n-Nonane (C9)	3.290	231339	1.959 ug/ml
2) T n-Decane (C10)	4.354	298826	2.524 ug/ml
4) T n-Dodecane (C12)	6.371	468531	3.872 ug/ml
6) T n-Tetradecane (C14)	8.168	393429	3.230 ug/ml
7) T n-Hexadecane (C16)	9.771	402286	3.285 ug/ml
8) T n-Octadecane (C18)	11.213	484811	3.723 ug/ml
10) T n-Eicosane (C20)	12.523	513016	3.876 ug/ml
11) T n-Heneicosane (C21)	13.136	521778	3.929 ug/ml
13) T n-Docosane (C22)	13.722	518987	3.902 ug/ml
14) T n-Tetracosane (C24)	14.826	503059	3.769 ug/ml
15) T n-Hexacosane (C26)	15.848	511230	3.867 ug/ml
16) T n-Octacosane (C28)	16.800	544057	4.156 ug/ml
17) T n-Tricontane (C30)	17.689	646272	4.955 ug/ml
18) T n-Dotriacontane (C32)	18.522	657942	5.214 ug/ml
19) T n-Tetratriacontane (C34)	19.306	593996	4.875 ug/ml
20) T n-Hexatriacontane (C36)	20.049	526222	4.501 ug/mlm
21) T n-Octatriacontane (C38)	20.776	490095	4.764 ug/mlm
22) T n-Tetracontane (C40)	21.671	466186	4.678 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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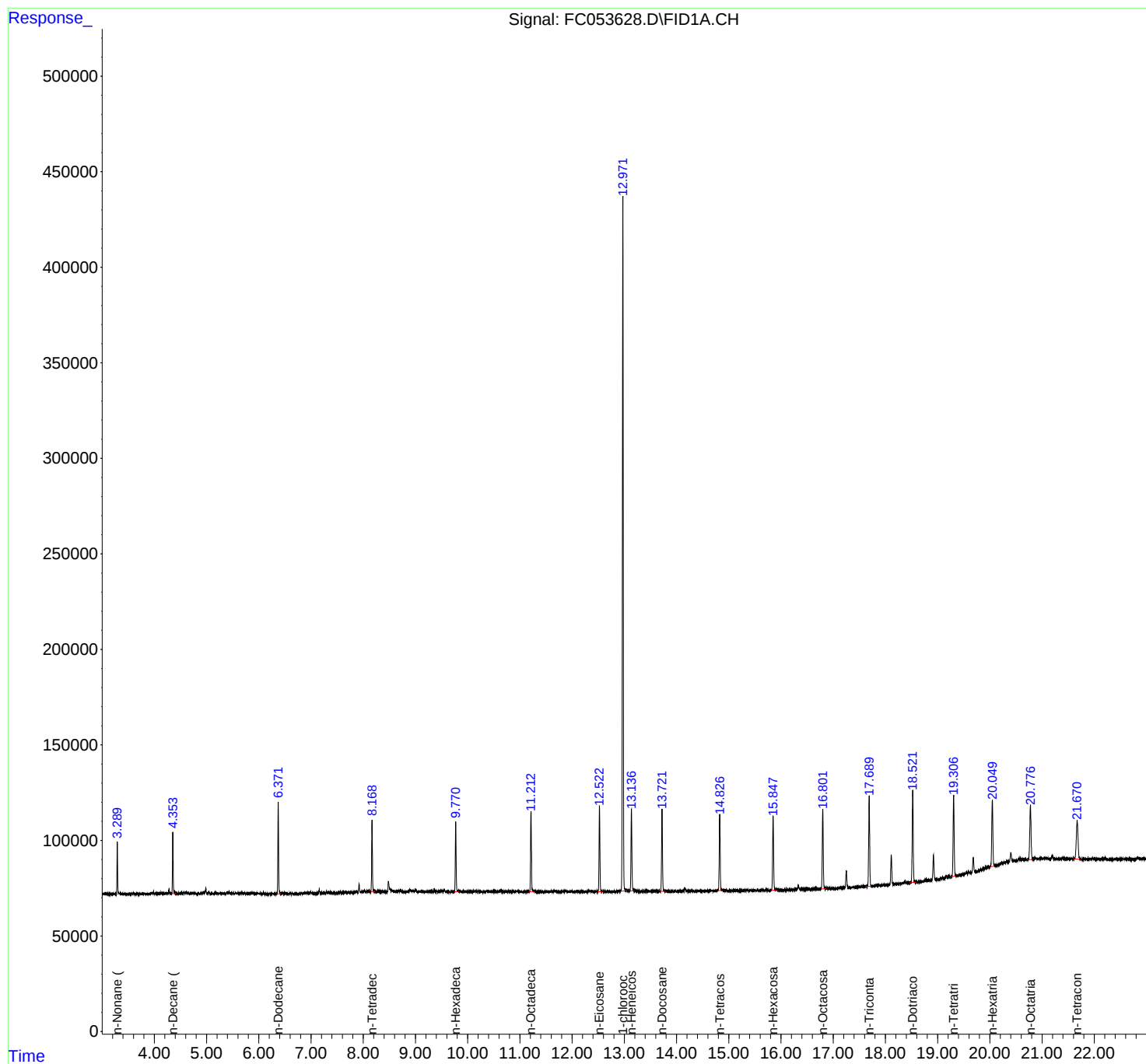
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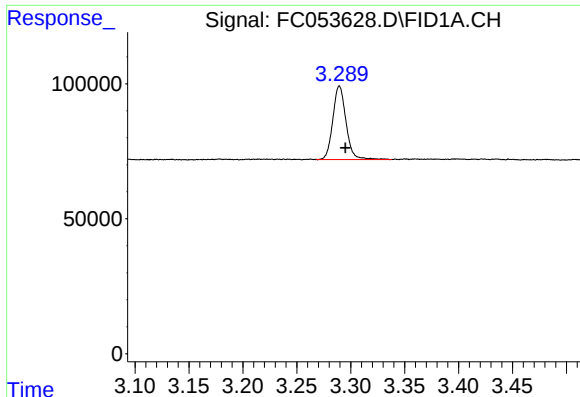
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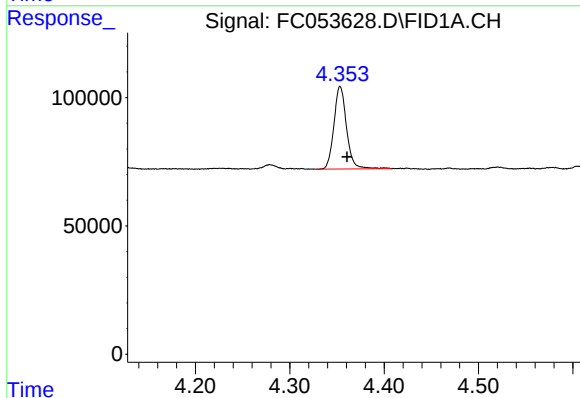
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 231339
Conc: 1.96 ug/ml

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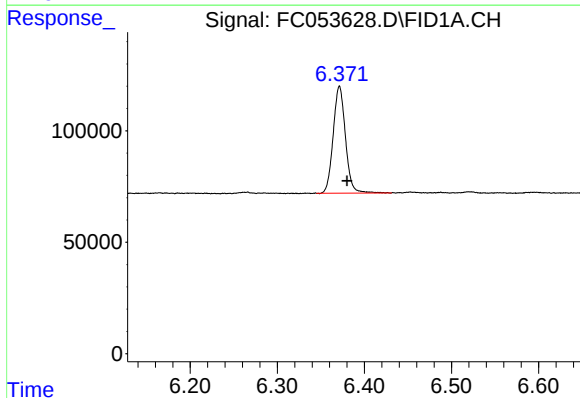
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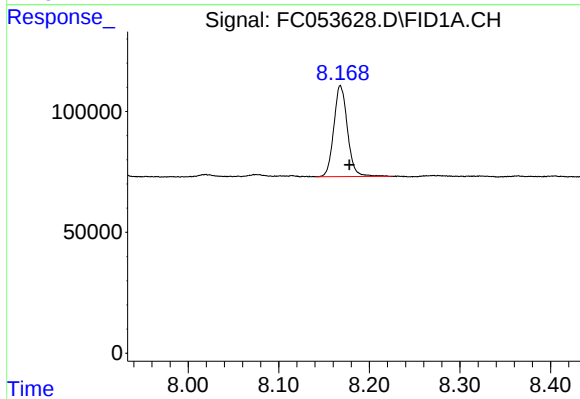
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 298826
Conc: 2.52 ug/ml



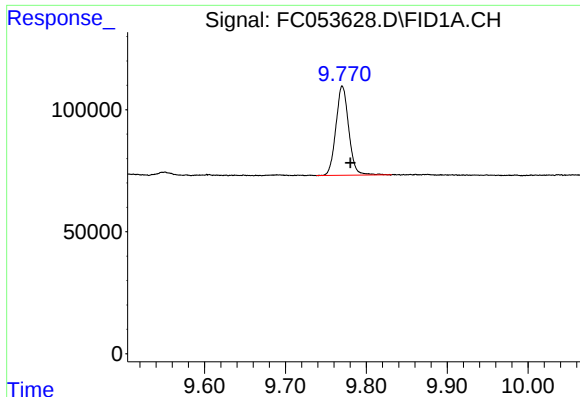
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 468531
Conc: 3.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.009 min
Response: 393429
Conc: 3.23 ug/ml



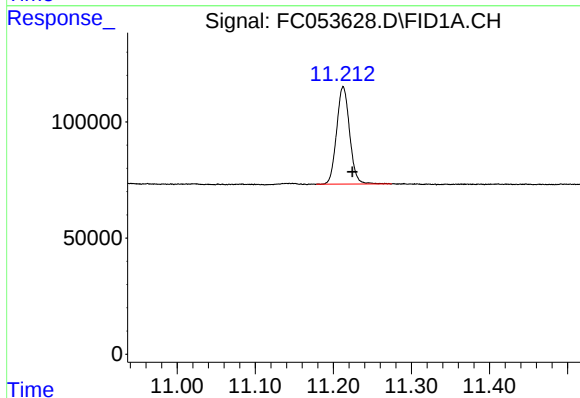
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.010 min
Response: 402286
Conc: 3.28 ug/ml

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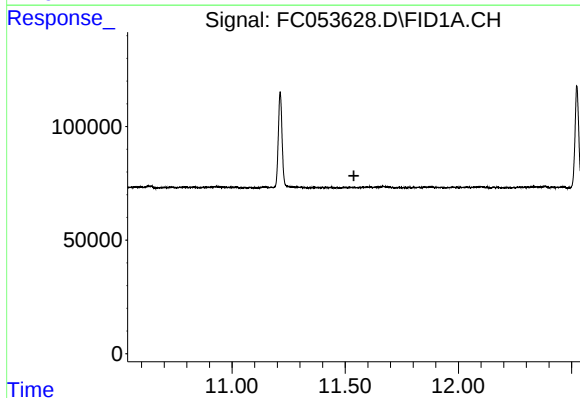
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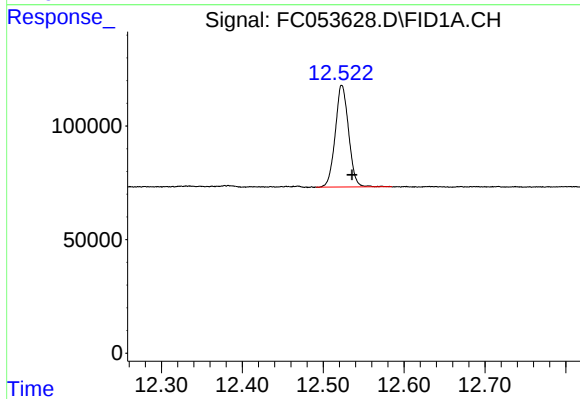
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.011 min
Response: 484811
Conc: 3.72 ug/ml



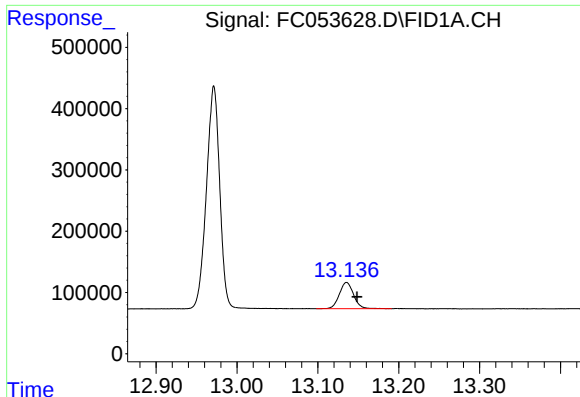
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.012 min
Response: 513016
Conc: 3.88 ug/ml



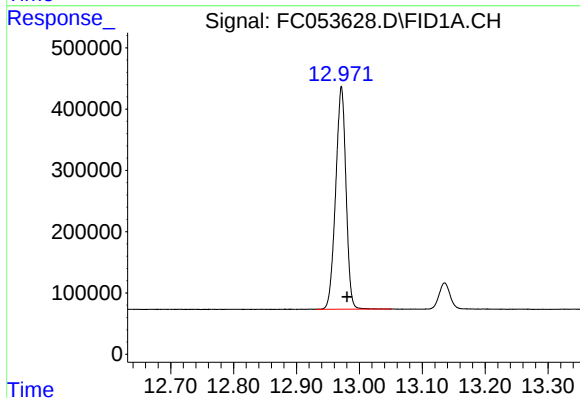
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.013 min
Response: 521778
Conc: 3.93 ug/ml

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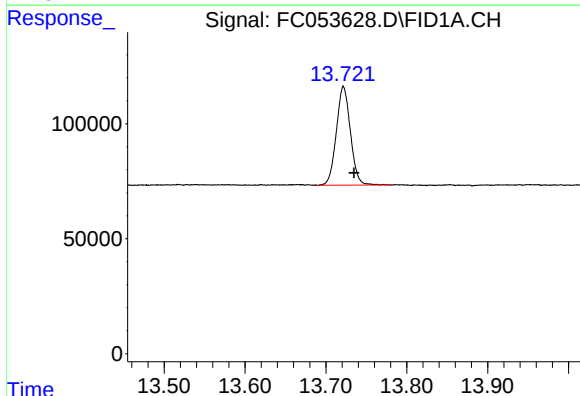
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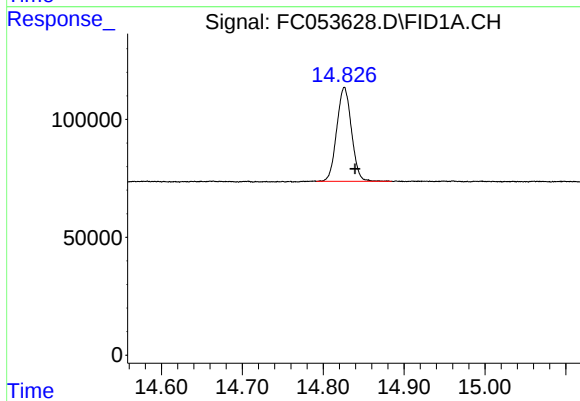
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.009 min
Response: 4150765
Conc: 37.22 ug/ml



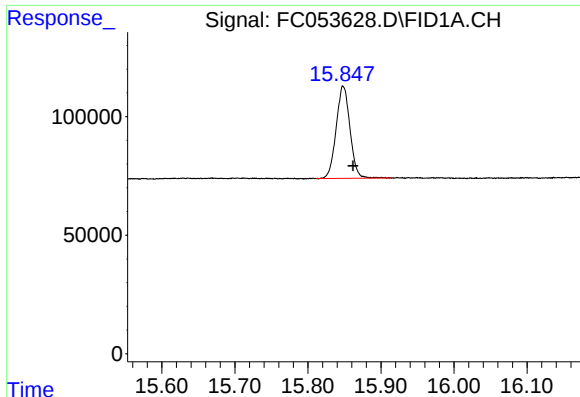
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 518987
Conc: 3.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.013 min
Response: 503059
Conc: 3.77 ug/ml



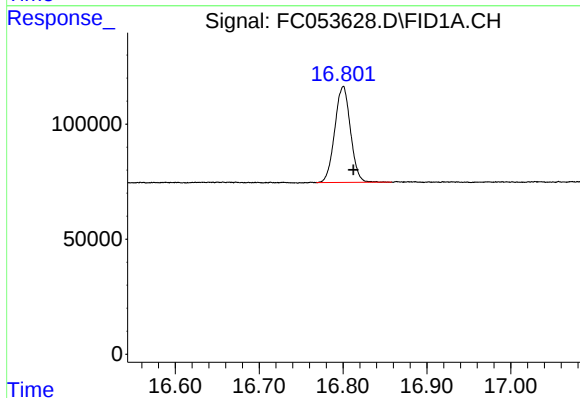
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.013 min
Response: 511230
Conc: 3.87 ug/ml

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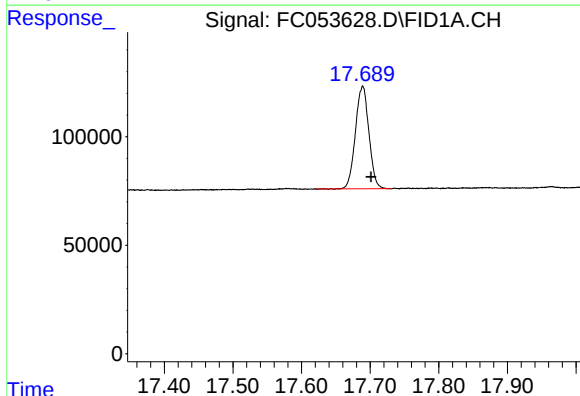
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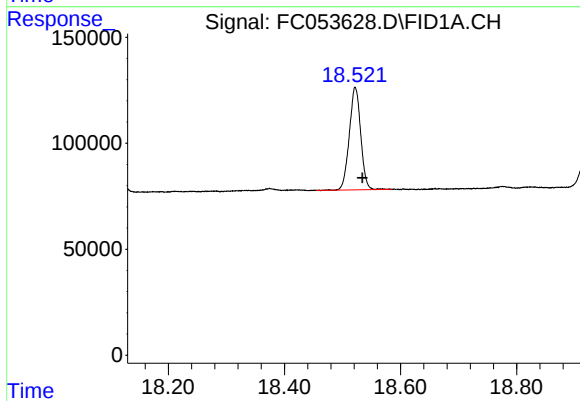
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.012 min
Response: 544057
Conc: 4.16 ug/ml



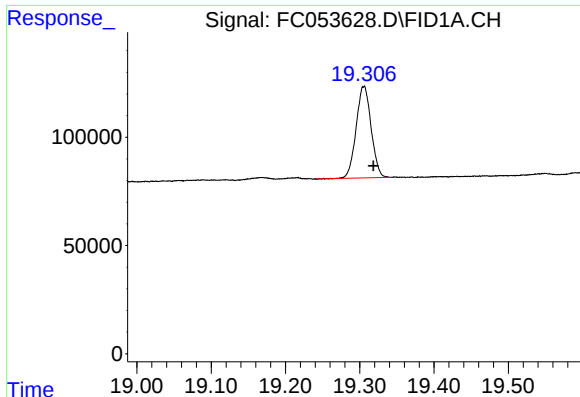
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 646272
Conc: 4.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.012 min
Response: 657942
Conc: 5.21 ug/ml



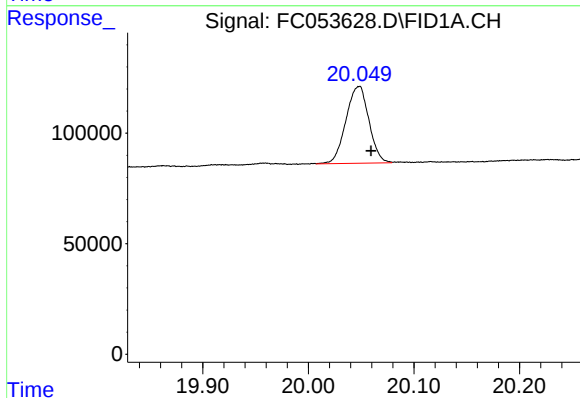
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.013 min
Response: 593996
Conc: 4.88 ug/ml

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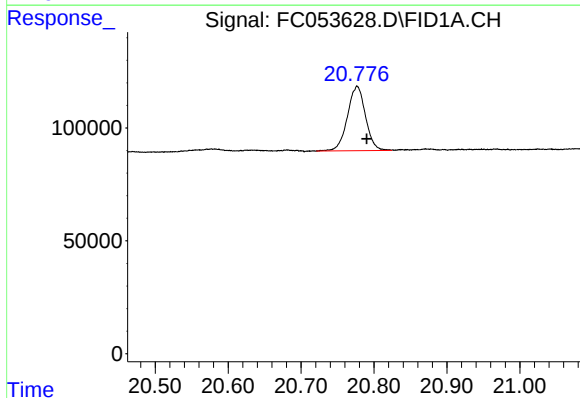
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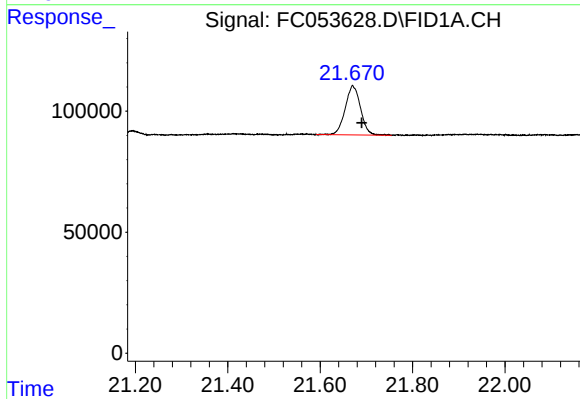
#20 n-Hexatriacontane (C36)

R.T.: 20.049 min
Delta R.T.: -0.011 min
Response: 526222
Conc: 4.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.014 min
Response: 490095
Conc: 4.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.671 min
Delta R.T.: -0.019 min
Response: 466186
Conc: 4.68 ug/ml