

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053627.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 15:40
 Operator : DD\AJ
 Sample : M2262-07
 Misc : LOD-WATER-2.5 PPM
 ALS Vial : 11 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 03:19:45 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...	12.972	3451679	30.947 ug/ml
Spiked Amount 50.000		Recovery =	61.89%
Target Compounds			
1) T n-Nonane (C9)	3.290	138562	1.173 ug/mlm
2) T n-Decane (C10)	4.354	179305	1.514 ug/ml
4) T n-Dodecane (C12)	6.371	329414	2.722 ug/ml
6) T n-Tetradecane (C14)	8.168	237796	1.952 ug/ml
7) T n-Hexadecane (C16)	9.771	229742	1.876 ug/ml
8) T n-Octadecane (C18)	11.214	285261	2.190 ug/ml
10) T n-Eicosane (C20)	12.524	301313	2.276 ug/ml
11) T n-Heneicosane (C21)	13.136	305089	2.297 ug/ml
13) T n-Docosane (C22)	13.724	302248	2.272 ug/ml
14) T n-Tetracosane (C24)	14.827	299691	2.245 ug/ml
15) T n-Hexacosane (C26)	15.849	293699	2.221 ug/ml
16) T n-Octacosane (C28)	16.799	330742	2.527 ug/ml
17) T n-Tricontane (C30)	17.688	410956	3.151 ug/ml
18) T n-Dotriacontane (C32)	18.521	440180	3.489 ug/ml
19) T n-Tetratriacontane (C34)	19.305	387126	3.177 ug/ml
20) T n-Hexatriacontane (C36)	20.047	338199	2.893 ug/mlm
21) T n-Octatriacontane (C38)	20.775	299578	2.912 ug/mlm
22) T n-Tetracontane (C40)	21.668	276817	2.778 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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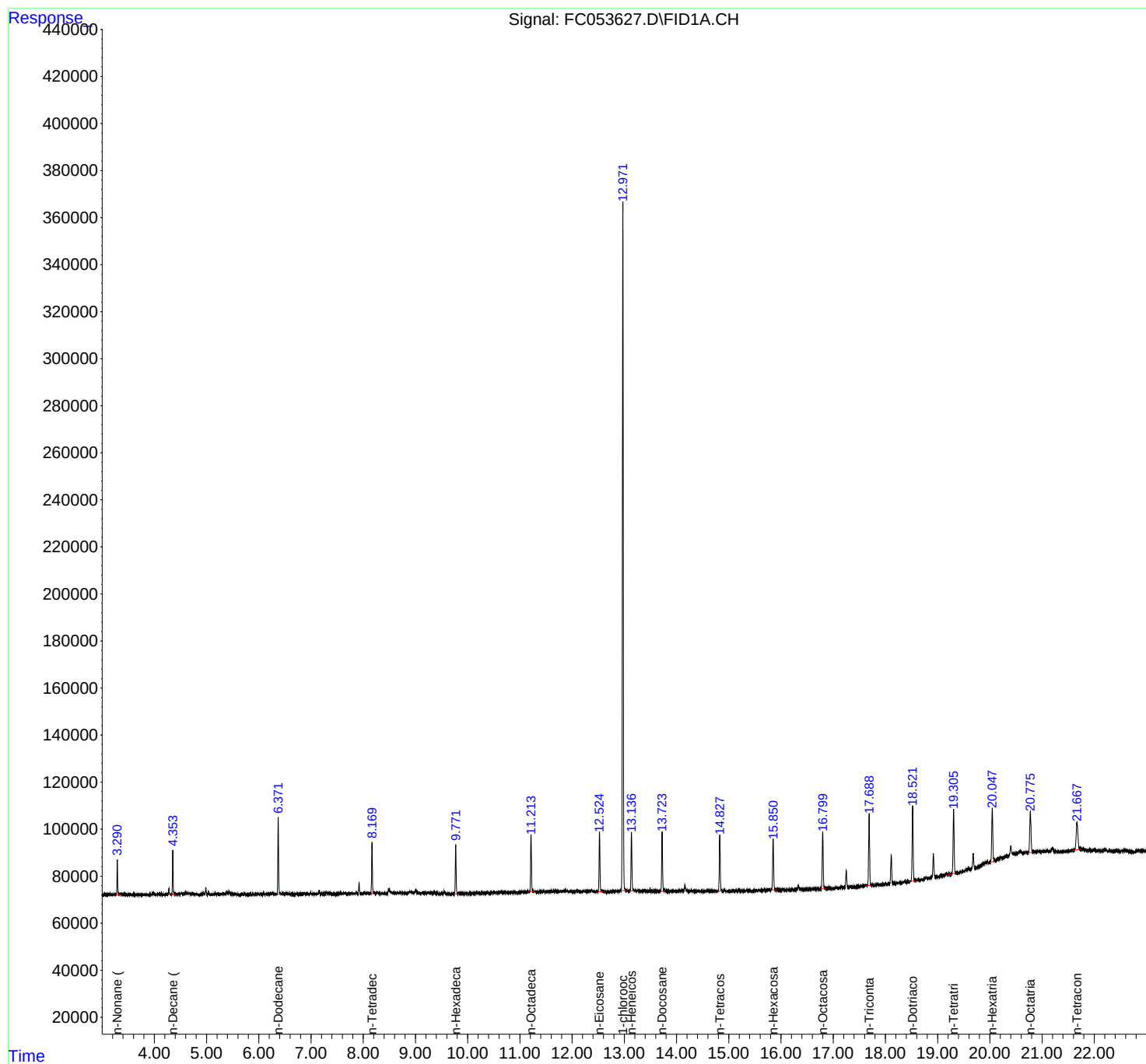
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LOD-MDL-WATER-SOIL-01-QT2-202

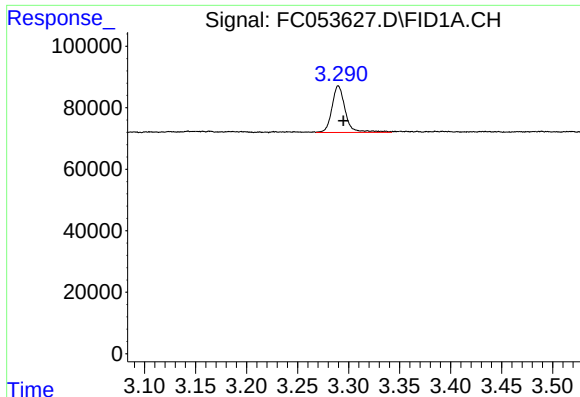
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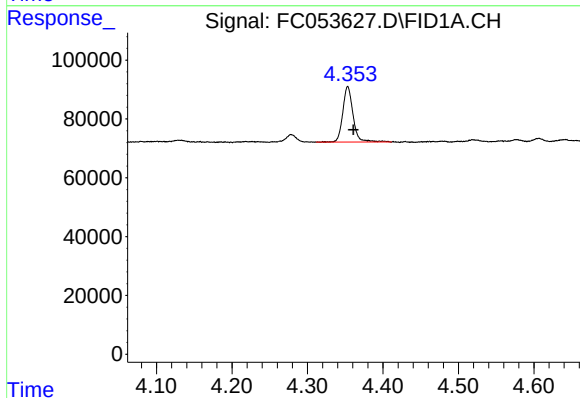
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 138562
Conc: 1.17 ug/ml m

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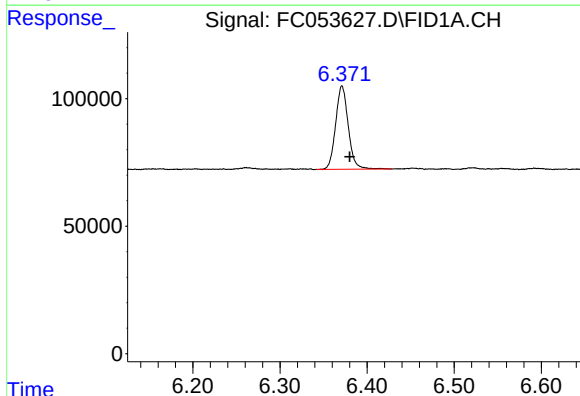
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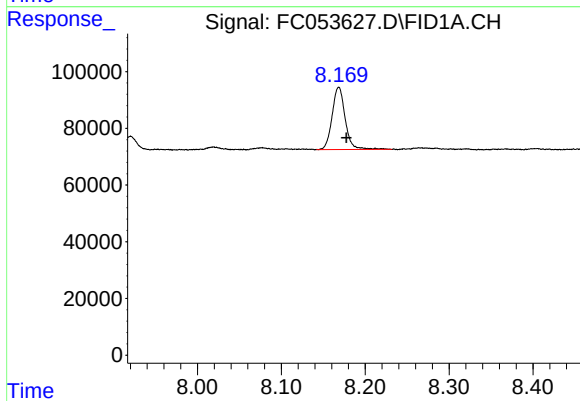
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 179305
Conc: 1.51 ug/ml



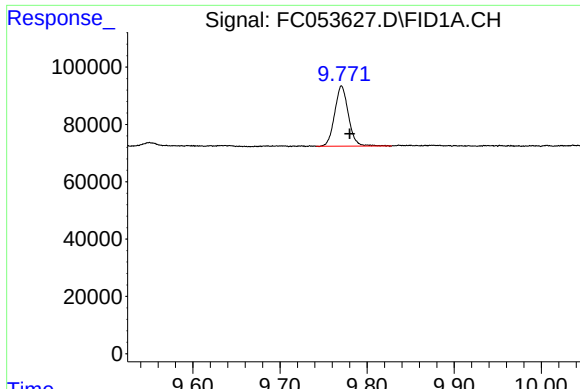
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 329414
Conc: 2.72 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.009 min
Response: 237796
Conc: 1.95 ug/ml



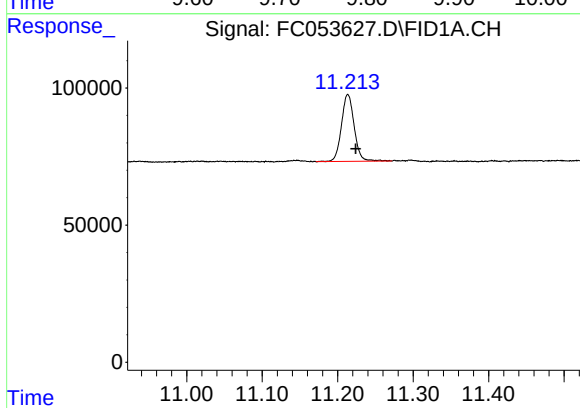
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 229742
Conc: 1.88 ug/ml

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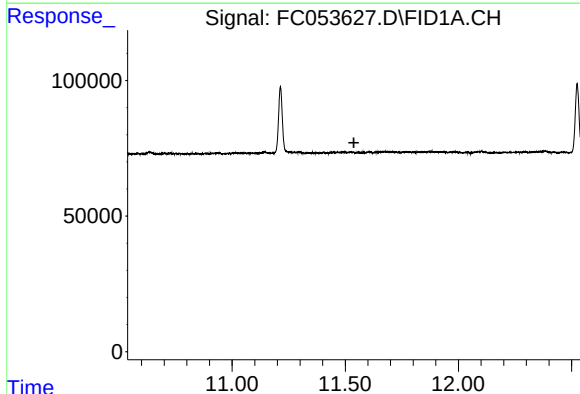
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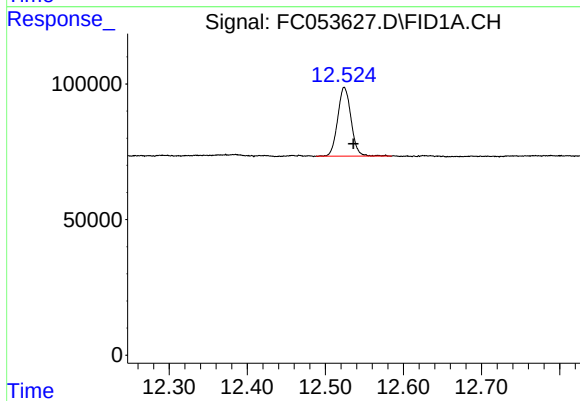
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 285261
Conc: 2.19 ug/ml



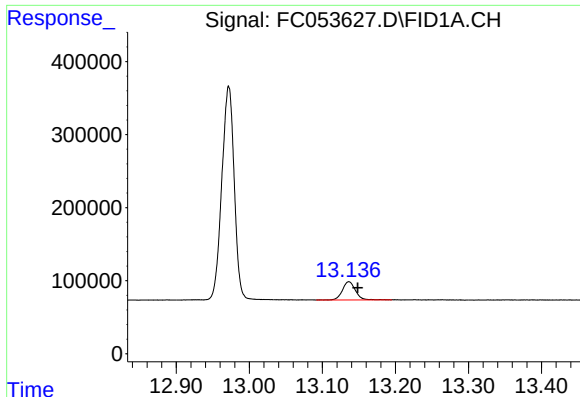
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.011 min
Response: 301313
Conc: 2.28 ug/ml



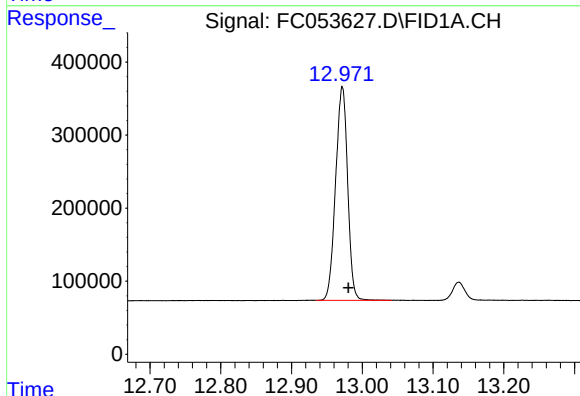
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.012 min
Response: 305089
Conc: 2.30 ug/ml

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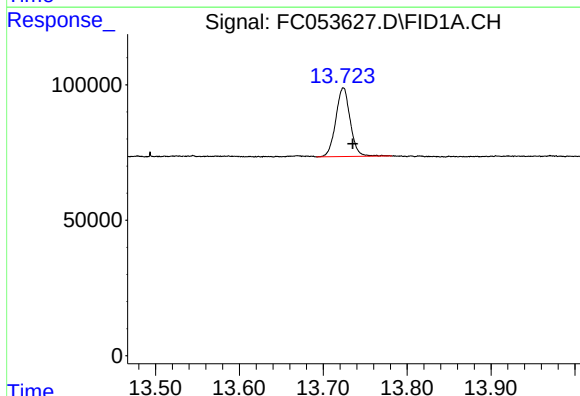
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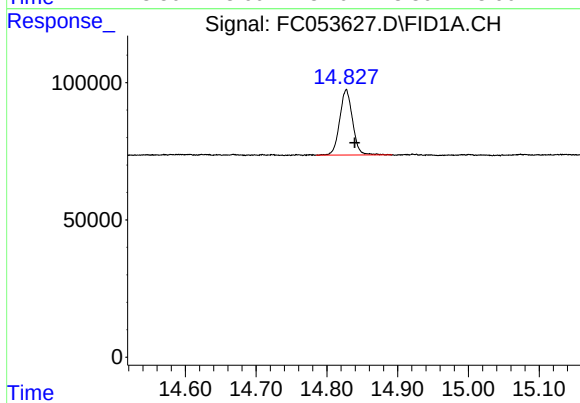
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.009 min
Response: 3451679
Conc: 30.95 ug/ml



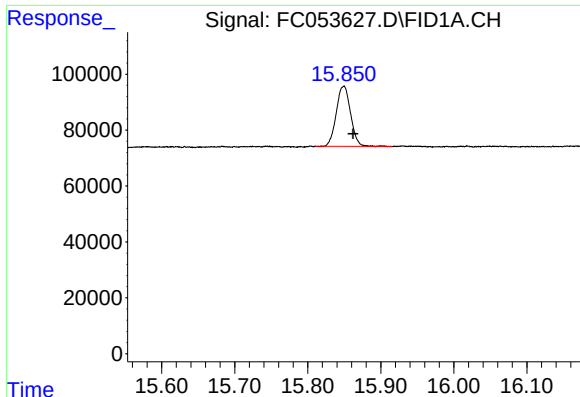
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.011 min
Response: 302248
Conc: 2.27 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.012 min
Response: 299691
Conc: 2.25 ug/ml



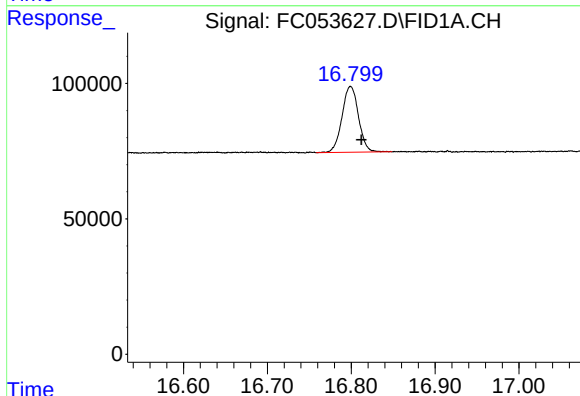
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.013 min
Response: 293699
Conc: 2.22 ug/ml

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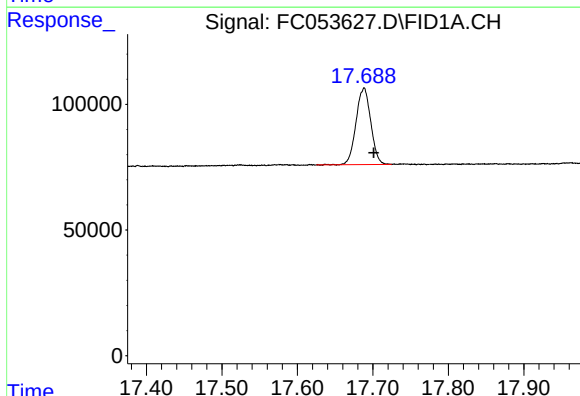
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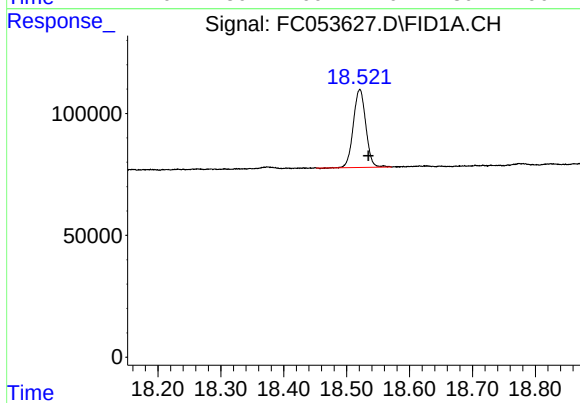
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.013 min
Response: 330742
Conc: 2.53 ug/ml



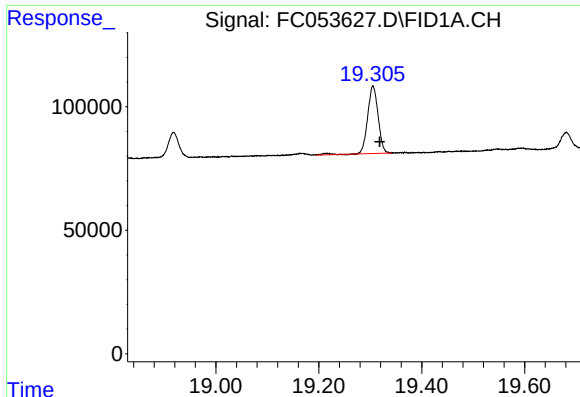
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.013 min
Response: 410956
Conc: 3.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.014 min
Response: 440180
Conc: 3.49 ug/ml



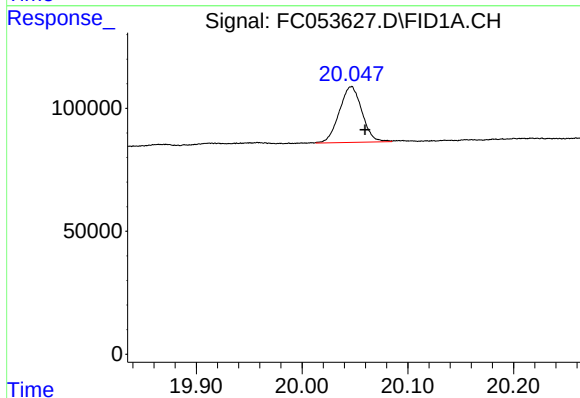
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: -0.013 min
Response: 387126
Conc: 3.18 ug/ml

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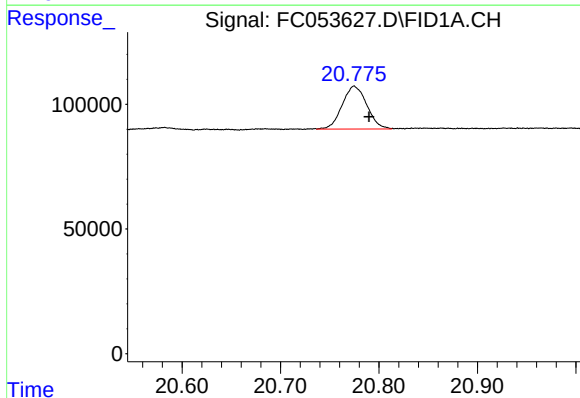
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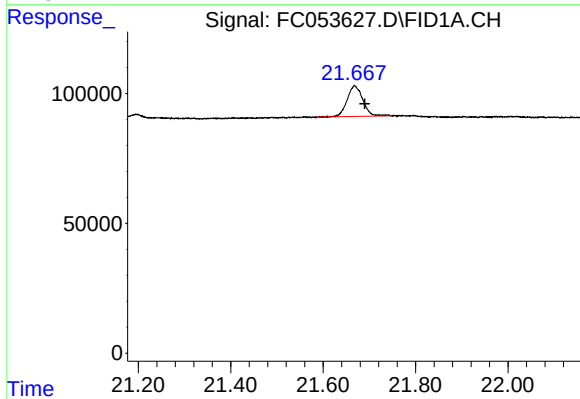
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.012 min
Response: 338199
Conc: 2.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.015 min
Response: 299578
Conc: 2.91 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.022 min
Response: 276817
Conc: 2.78 ug/ml