

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053629.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 17:00
 Operator : DD\AJ
 Sample : M2262-08
 Misc : LOQ-WATER- 5 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT2-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 11 03:20:22 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	5367447	48.124 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
Target Compounds			
1) T n-Nonane (C9)	3.291	315178	2.668 ug/ml
2) T n-Decane (C10)	4.354	390245	3.296 ug/ml
4) T n-Dodecane (C12)	6.371	594817	4.916 ug/ml
6) T n-Tetradecane (C14)	8.168	509098	4.179 ug/ml
7) T n-Hexadecane (C16)	9.769	581433	4.747 ug/ml
8) T n-Octadecane (C18)	11.212	771262	5.922 ug/ml
10) T n-Eicosane (C20)	12.523	813043	6.143 ug/ml
11) T n-Heneicosane (C21)	13.136	814274	6.131 ug/ml
13) T n-Docosane (C22)	13.722	806851	6.066 ug/ml
14) T n-Tetracosane (C24)	14.828	782776	5.864 ug/ml
15) T n-Hexacosane (C26)	15.850	776589	5.874 ug/ml
16) T n-Octacosane (C28)	16.801	776002	5.928 ug/ml
17) T n-Tricontane (C30)	17.690	829671	6.361 ug/ml
18) T n-Dotriacontane (C32)	18.522	826294	6.549 ug/ml
19) T n-Tetratriacontane (C34)	19.306	774950	6.360 ug/mlm
20) T n-Hexatriacontane (C36)	20.046	703958	6.021 ug/mlm
21) T n-Octatriacontane (C38)	20.777	669231	6.505 ug/ml
22) T n-Tetracontane (C40)	21.671	658413	6.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : M2262-08
Misc : LOQ-WATER- 5 PPM
ALS Vial : 13 Sample Multiplier: 1

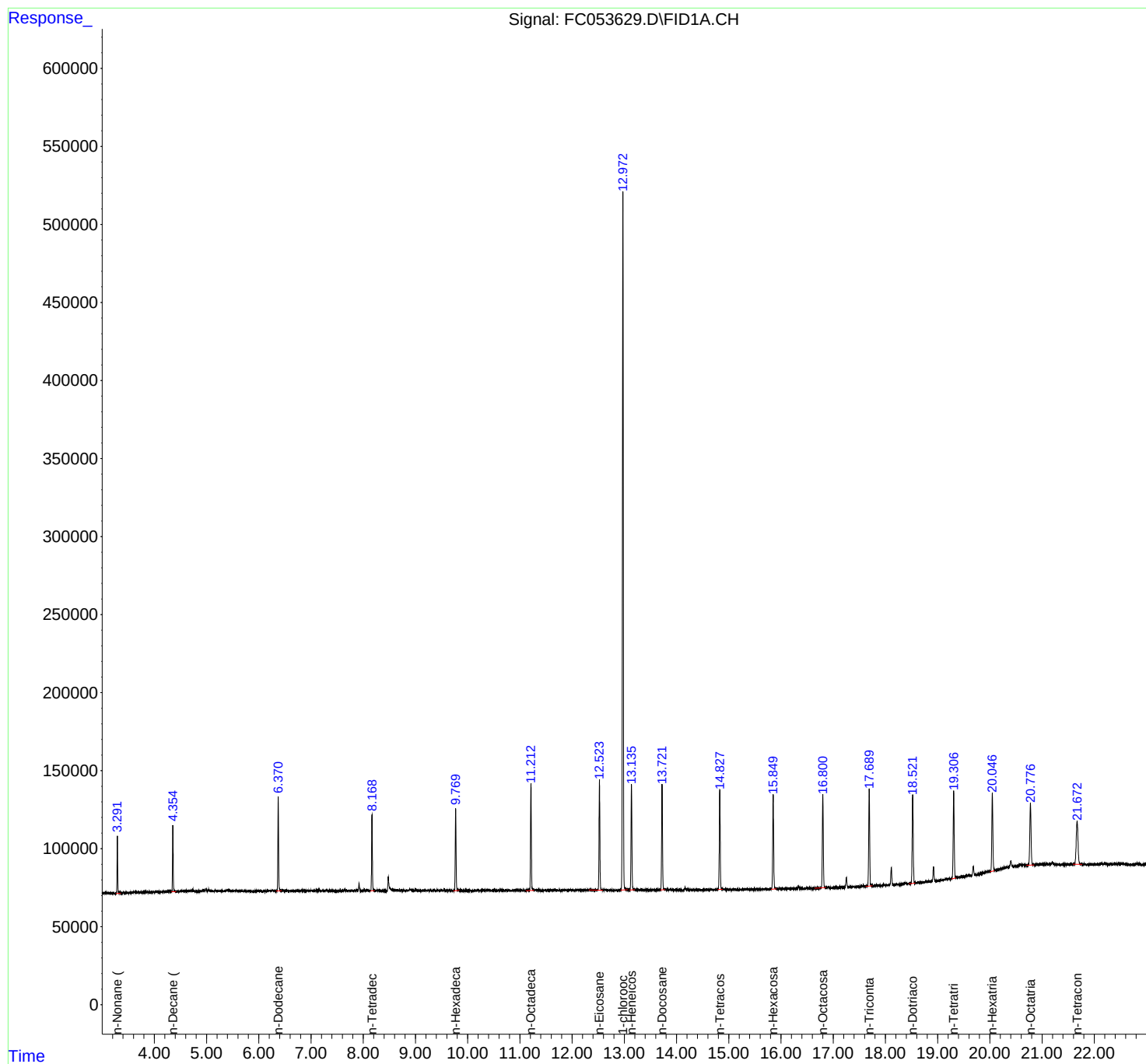
Instrument :
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LOQ-WATER-02-QT2-2021

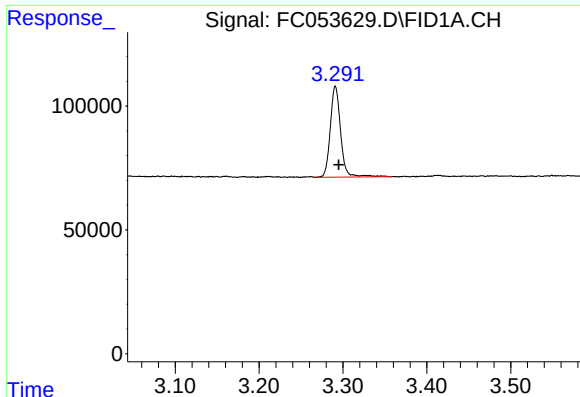
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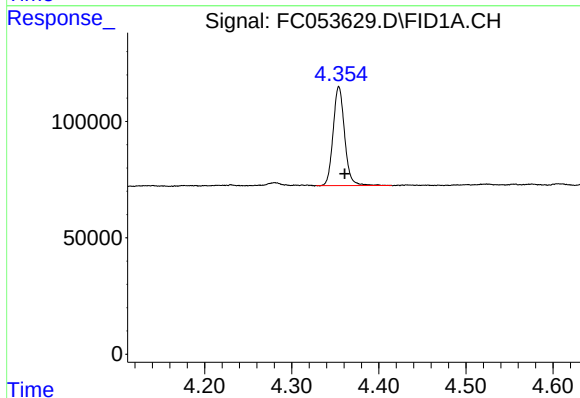
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 315178
Conc: 2.67 ug/ml

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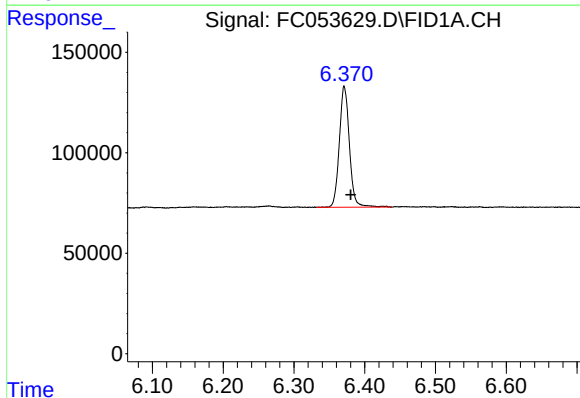
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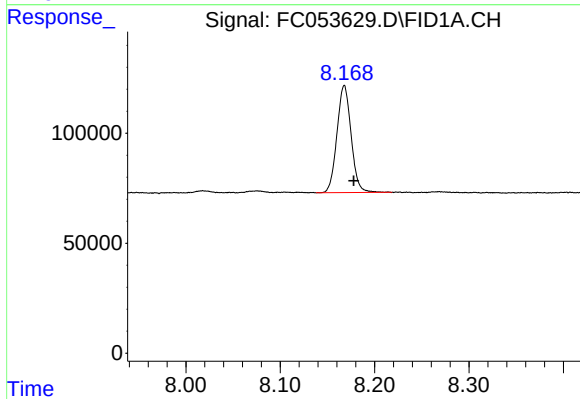
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.006 min
Response: 390245
Conc: 3.30 ug/ml



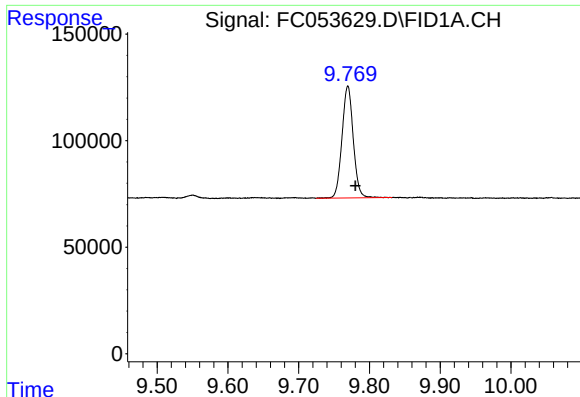
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 594817
Conc: 4.92 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.010 min
Response: 509098
Conc: 4.18 ug/ml



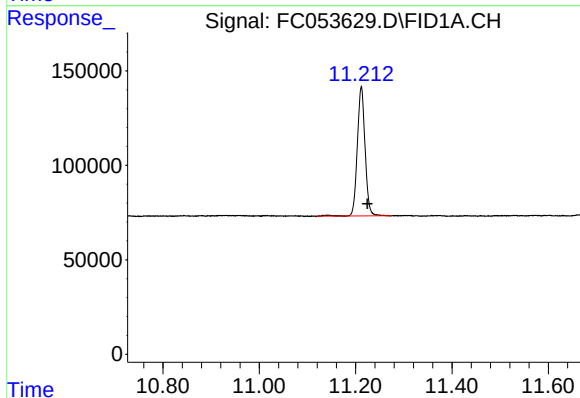
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.011 min
Response: 581433
Conc: 4.75 ug/ml

Instrument :
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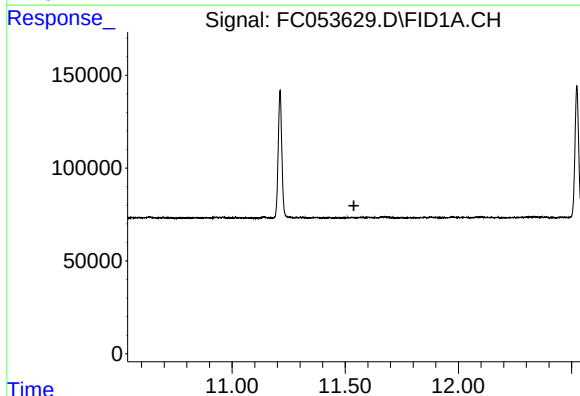
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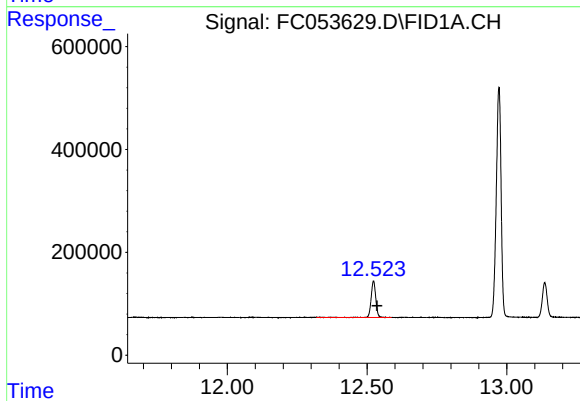
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.012 min
Response: 771262
Conc: 5.92 ug/ml



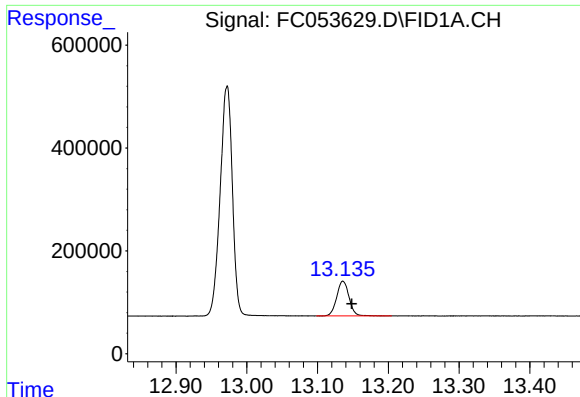
#9 ortho-Terphenyl (SURR)

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: 813043
Conc: 6.14 ug/ml



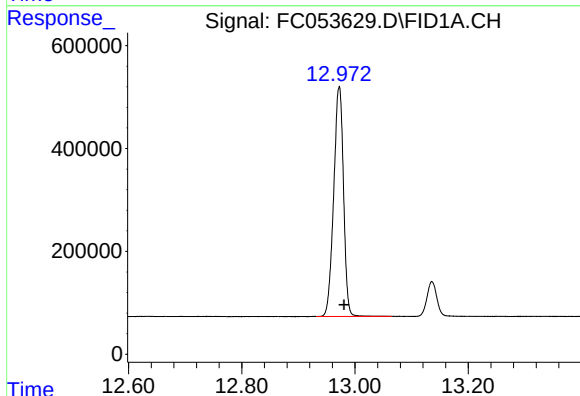
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.012 min
Response: 814274
Conc: 6.13 ug/ml

Instrument :
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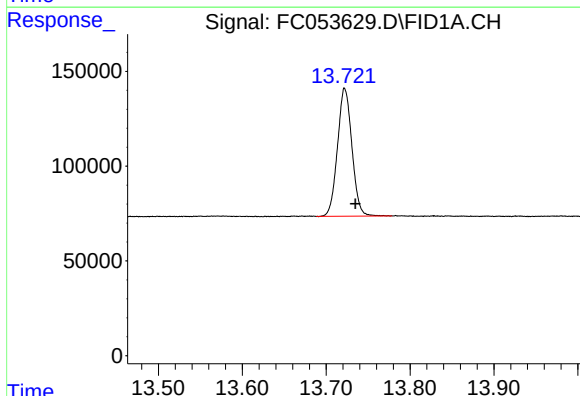
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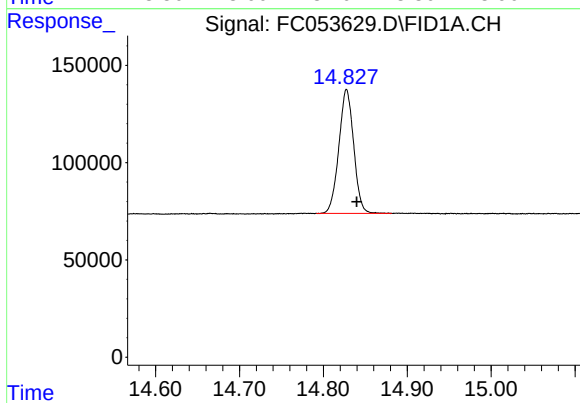
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 5367447
Conc: 48.12 ug/ml



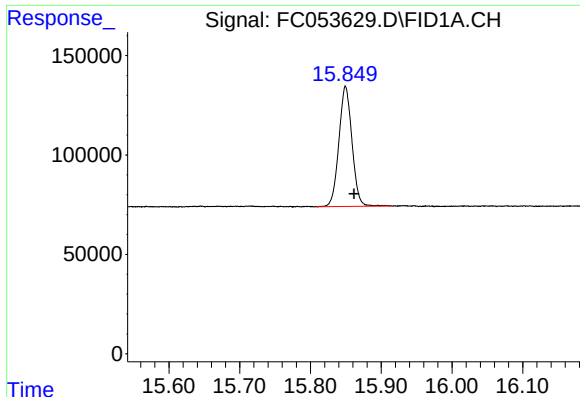
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 806851
Conc: 6.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 782776
Conc: 5.86 ug/ml



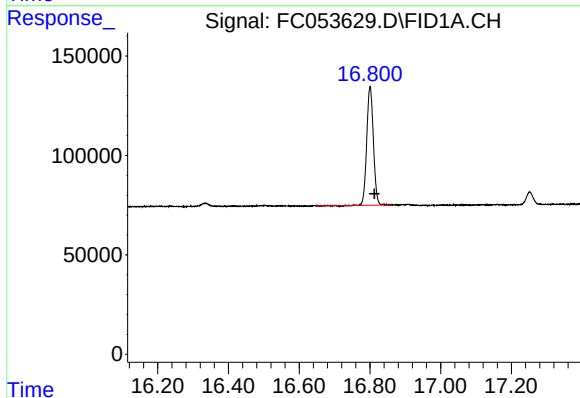
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.012 min
Response: 776589
Conc: 5.87 ug/ml

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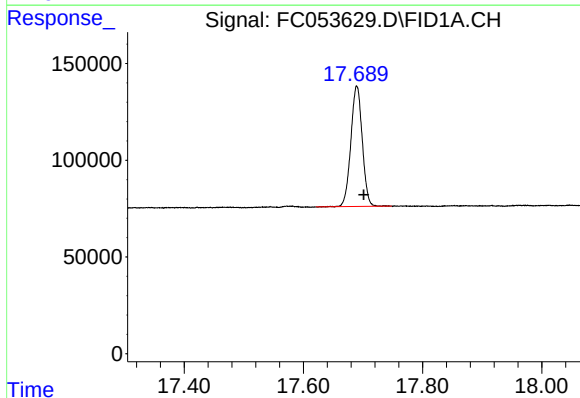
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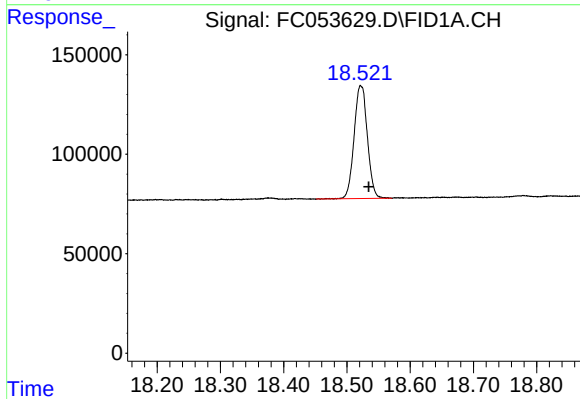
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.012 min
Response: 776002
Conc: 5.93 ug/ml



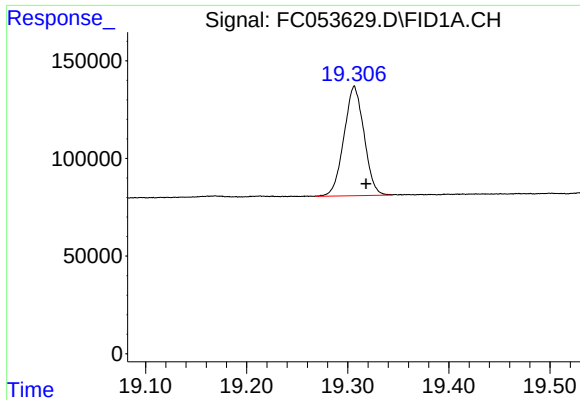
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.012 min
Response: 829671
Conc: 6.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.012 min
Response: 826294
Conc: 6.55 ug/ml



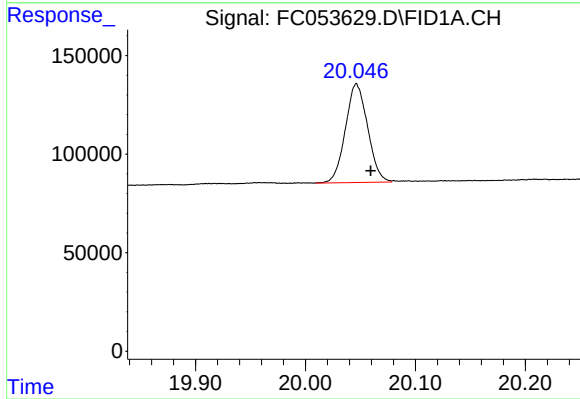
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.012 min
Response: 774950
Conc: 6.36 ug/ml m

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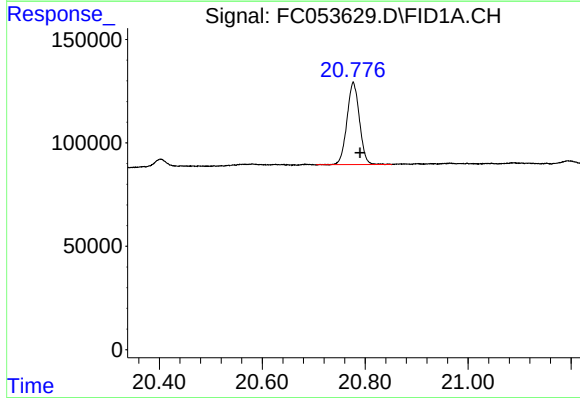
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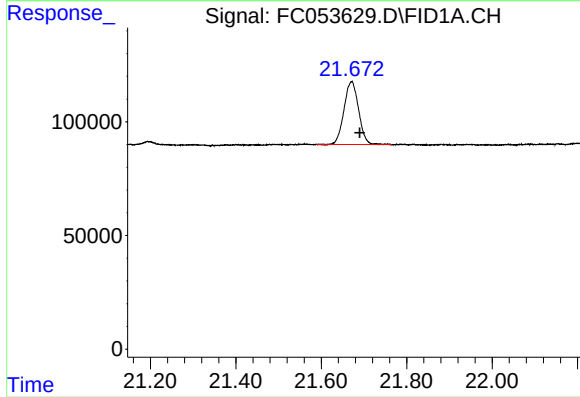
#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.013 min
Response: 703958
Conc: 6.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.013 min
Response: 669231
Conc: 6.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.671 min
Delta R.T.: -0.019 min
Response: 658413
Conc: 6.61 ug/ml