

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047353.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2020 23:01
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-5 PPM- SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Integration File: autoint1.e
 Quant Time: May 12 02:01:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 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...	13.157	2191962	22.348 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T n-Nonane (C9)	3.555	262348	2.588 ug/ml
2) T n-Decane (C10)	4.618	333392	3.263 ug/ml
4) T n-Dodecane (C12)	6.618	451514	4.275 ug/ml
6) T n-Tetradecane (C14)	8.397	420757	3.978 ug/ml
7) T n-Hexadecane (C16)	9.985	446778	4.223 ug/ml
8) T n-Octadecane (C18)	11.413	506838	4.526 ug/ml
10) T n-Eicosane (C20)	12.711	542664	4.769 ug/ml
11) T n-Heneicosane (C21)	13.318	550027	4.838 ug/ml
13) T n-Docosane (C22)	13.902	558109	4.911 ug/ml
14) T n-Tetracosane (C24)	14.997	566609	5.008 ug/ml
15) T n-Hexacosane (C26)	16.010	572455	5.111 ug/ml
16) T n-Octacosane (C28)	16.954	609416	5.464 ug/ml
17) T n-Tricontane (C30)	17.835	621422	5.747 ug/ml
18) T n-Dotriacontane (C32)	18.663	560353	5.682 ug/ml
19) T n-Tetratriacontane (C34)	19.442	514603	5.610 ug/ml
20) T n-Hexatriacontane (C36)	20.176	480894	5.545 ug/ml
21) T n-Octatriacontane (C38)	20.932	433476	5.372 ug/ml
22) T n-Tetracontane (C40)	21.882	392925	4.832 ug/ml

(f)=RT Delta > 1/2 Window

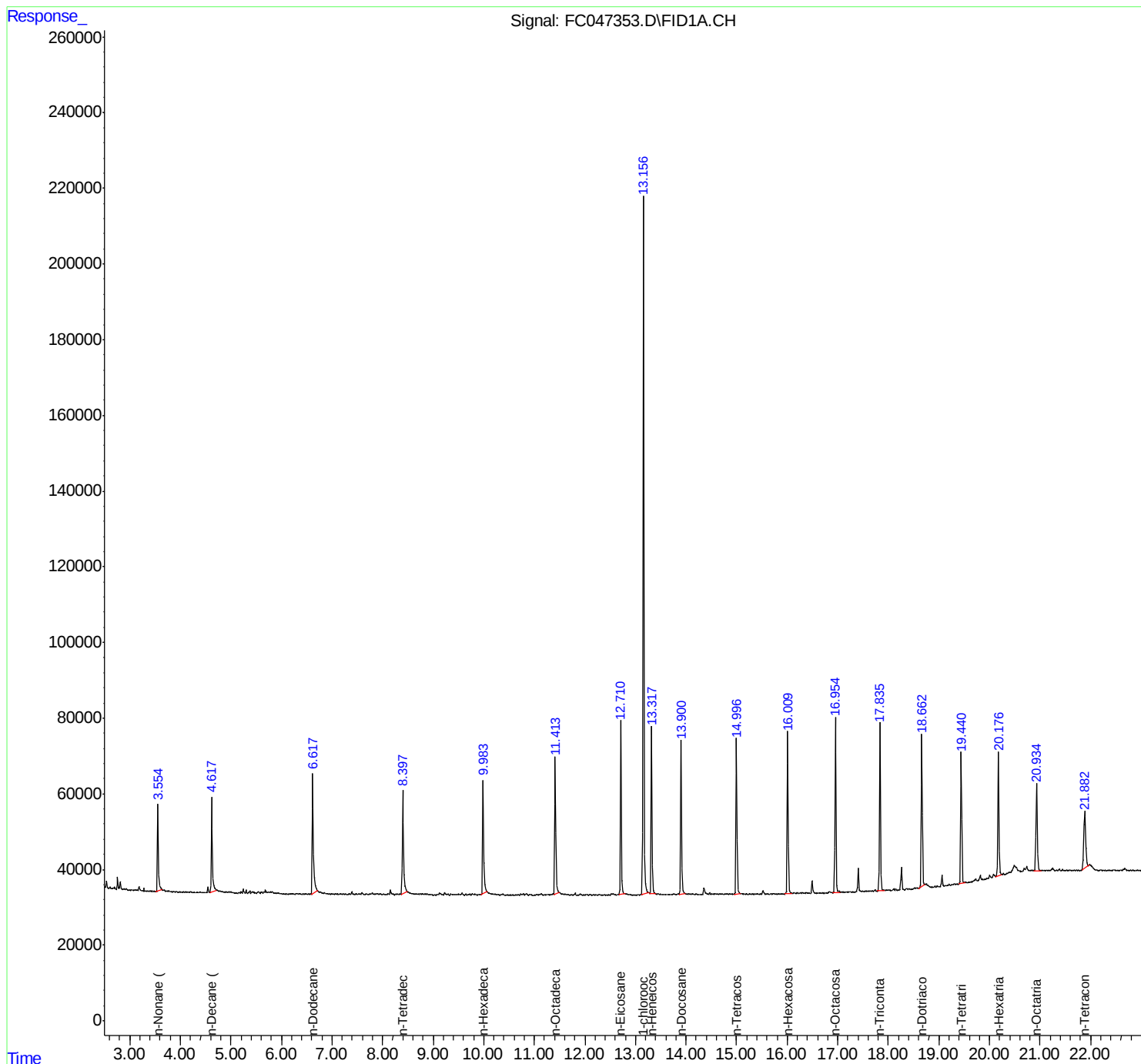
(m)=manual int.

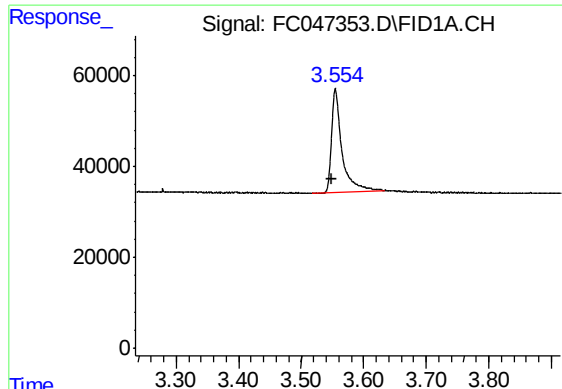
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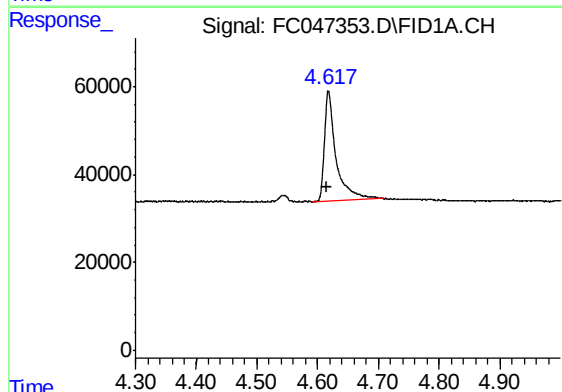




#1 n-Nonane (C9)

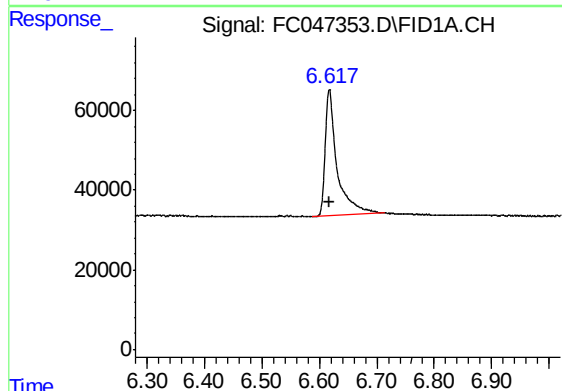
R.T.: 3.555 min
Delta R.T.: 0.005 min
Response: 262348
Conc: 2.59 ug/ml

Instrument :
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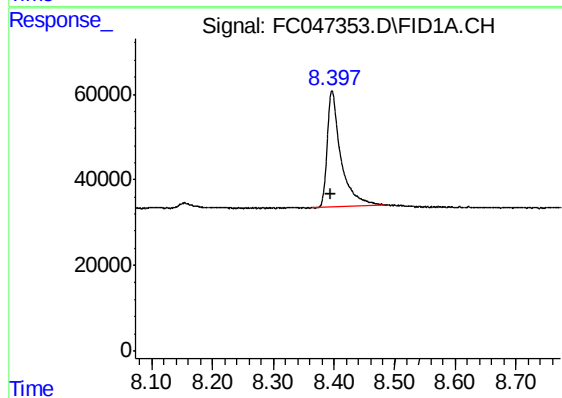
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 333392
Conc: 3.26 ug/ml



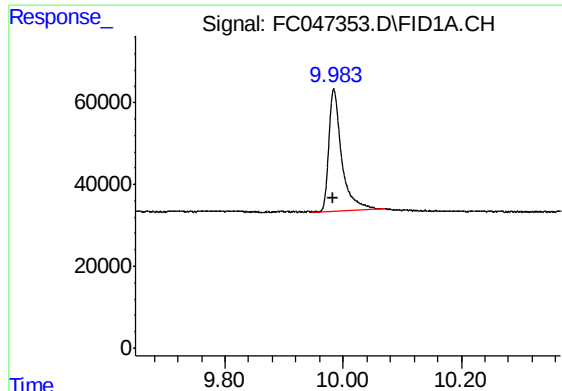
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.001 min
Response: 451514
Conc: 4.27 ug/ml



#6 n-Tetradecane (C14)

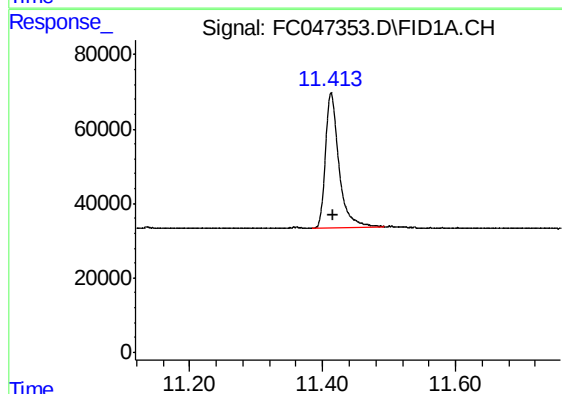
R.T.: 8.397 min
Delta R.T.: 0.002 min
Response: 420757
Conc: 3.98 ug/ml



#7 n-Hexadecane (C16)

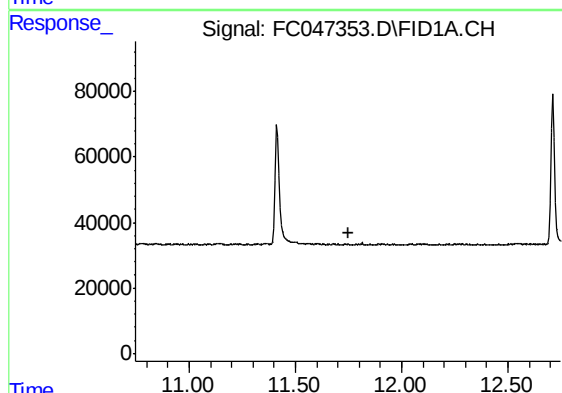
R.T.: 9.985 min
Delta R.T.: 0.000 min
Response: 446778
Conc: 4.22 ug/ml

Instrument :
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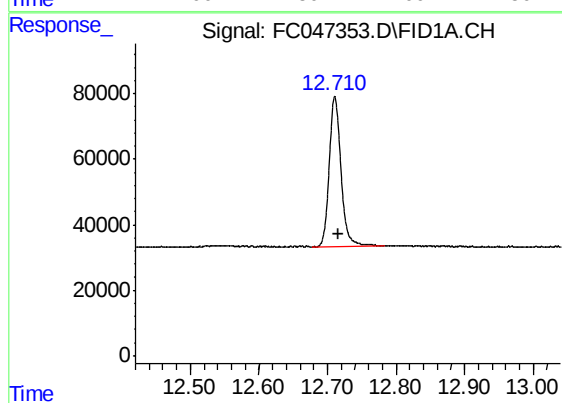
#8 n-Octadecane (C18)

R.T.: 11.413 min
Delta R.T.: -0.002 min
Response: 506838
Conc: 4.53 ug/ml



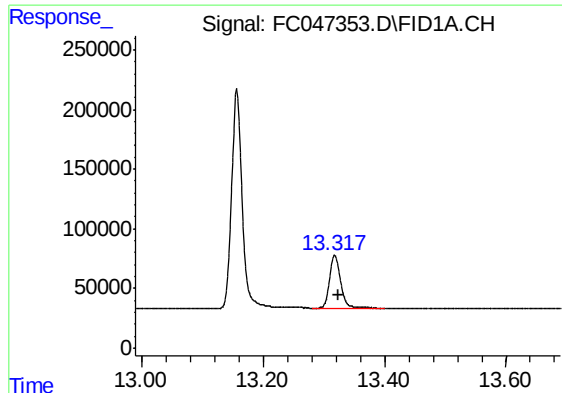
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.748 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

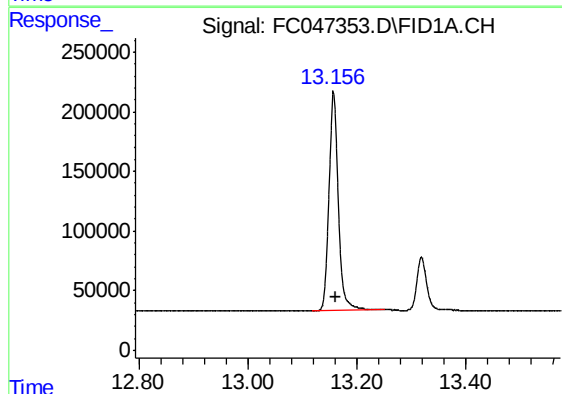
R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 542664
Conc: 4.77 ug/ml



#11 n-Heneicosane (C21)

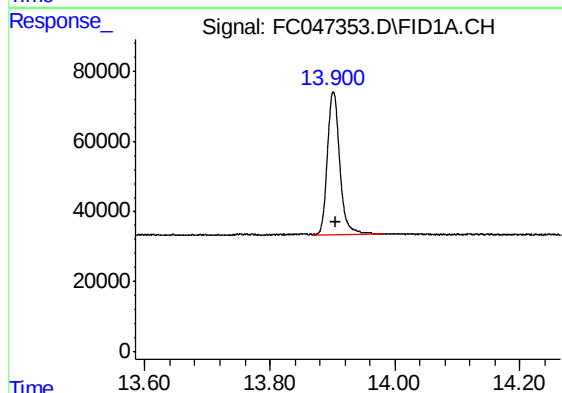
R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 550027
Conc: 4.84 ug/ml

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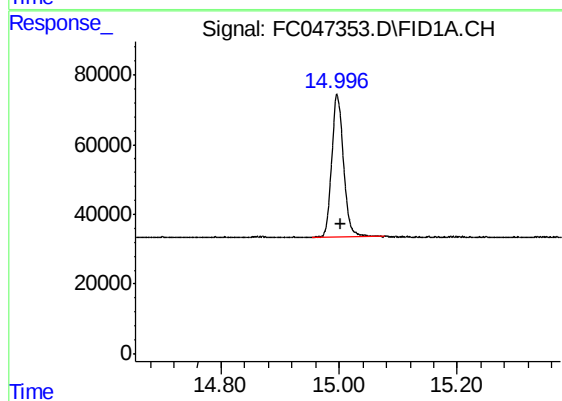
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 2191962
Conc: 22.35 ug/ml



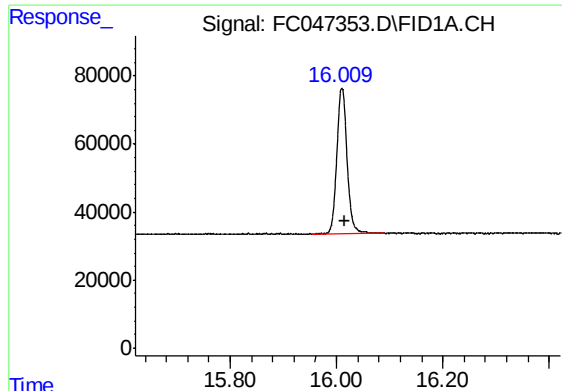
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: -0.005 min
Response: 558109
Conc: 4.91 ug/ml



#14 n-Tetracosane (C24)

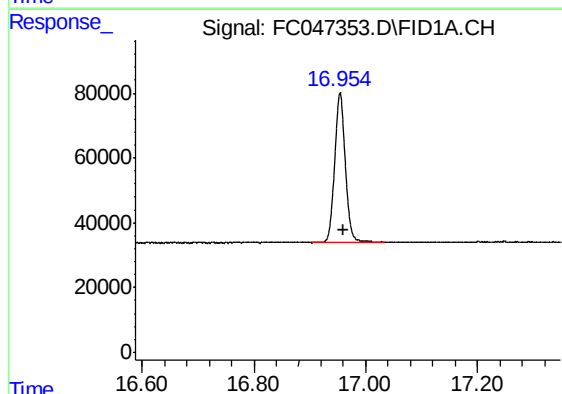
R.T.: 14.997 min
Delta R.T.: -0.005 min
Response: 566609
Conc: 5.01 ug/ml



#15 n-Hexacosane (C26)

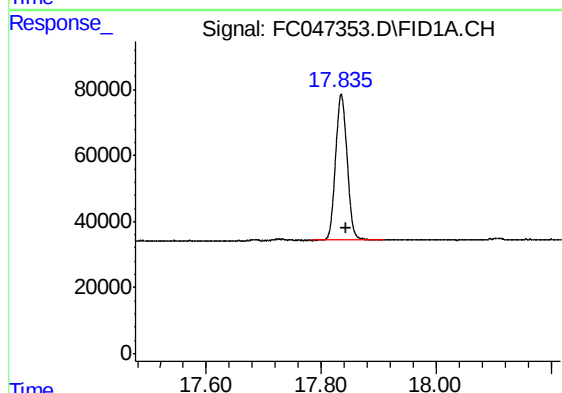
R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 572455
Conc: 5.11 ug/ml

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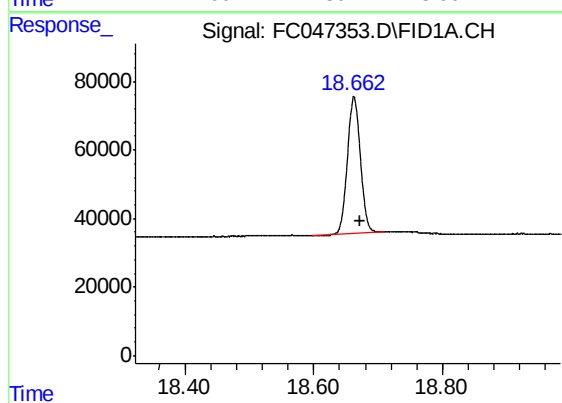
#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 609416
Conc: 5.46 ug/ml



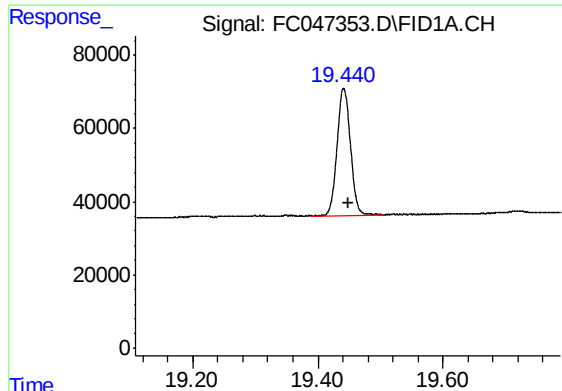
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 621422
Conc: 5.75 ug/ml



#18 n-Dotriacontane (C32)

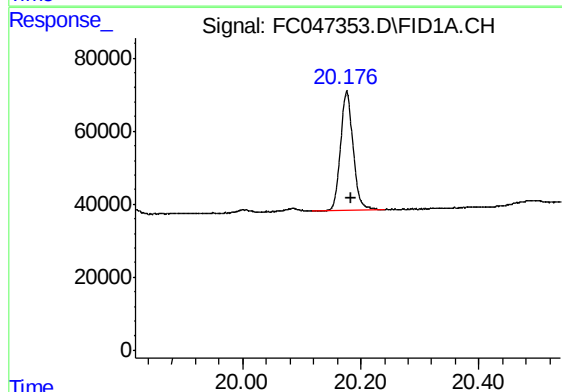
R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 560353
Conc: 5.68 ug/ml



#19 n-Tetratriacontane (C34)

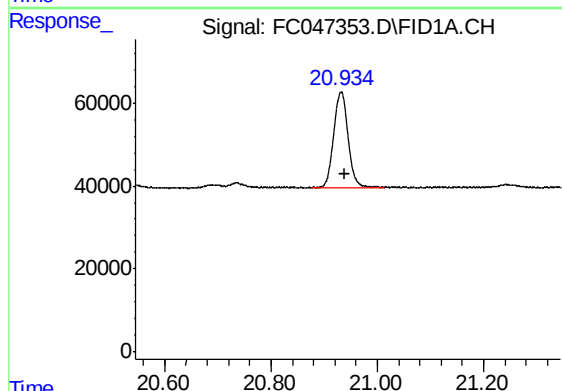
R.T.: 19.442 min
Delta R.T.: -0.007 min
Response: 514603
Conc: 5.61 ug/ml

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FID_C
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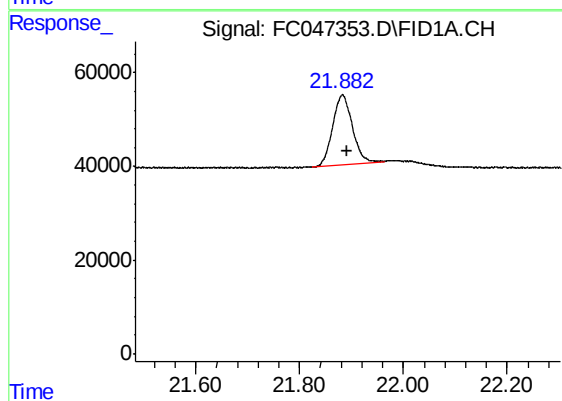
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 480894
Conc: 5.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.008 min
Response: 433476
Conc: 5.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.882 min
Delta R.T.: -0.010 min
Response: 392925
Conc: 4.83 ug/ml