

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052220AL\
 Data File : FC047557.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2020 10:25
 Operator : DD\AJ
 Sample : L2182-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Manual Integrations
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Sohil

5/27/2020 8:14:57 AM

Integration File: autoint1.e
 Quant Time: May 23 01:01:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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...	13.151	3152638	32.143 ug/ml
Spiked Amount 50.000		Recovery =	64.29%
Target Compounds			
1) T n-Nonane (C9)	3.551	123778	1.221 ug/mlm
2) T n-Decane (C10)	4.613	150635	1.474 ug/mlm
4) T n-Dodecane (C12)	6.611	242156	2.293 ug/mlm
6) T n-Tetradecane (C14)	8.388	187259	1.770 ug/mlm
7) T n-Hexadecane (C16)	9.976	186057	1.758 ug/mlm
8) T n-Octadecane (C18)	11.404	202195	1.806 ug/mlm
10) T n-Eicosane (C20)	12.703	213279	1.874 ug/mlm
11) T n-Heneicosane (C21)	13.311	203859	1.793 ug/mlm
13) T n-Docosane (C22)	13.892	229701	2.021 ug/mlm
14) T n-Tetracosane (C24)	14.988	224839	1.987 ug/mlm
15) T n-Hexacosane (C26)	16.001	220255	1.966 ug/mlm
16) T n-Octacosane (C28)	16.944	244201	2.189 ug/mlm
17) T n-Tricontane (C30)	17.827	265785	2.458 ug/ml
18) T n-Dotriacontane (C32)	18.655	265060	2.688 ug/ml
19) T n-Tetratriacontane (C34)	19.432	232359	2.533 ug/ml
20) T n-Hexatriacontane (C36)	20.169	219373	2.530 ug/ml
21) T n-Octatriacontane (C38)	20.918	197501	2.448 ug/mlm
22) T n-Tetracontane (C40)	21.866	212972	2.619 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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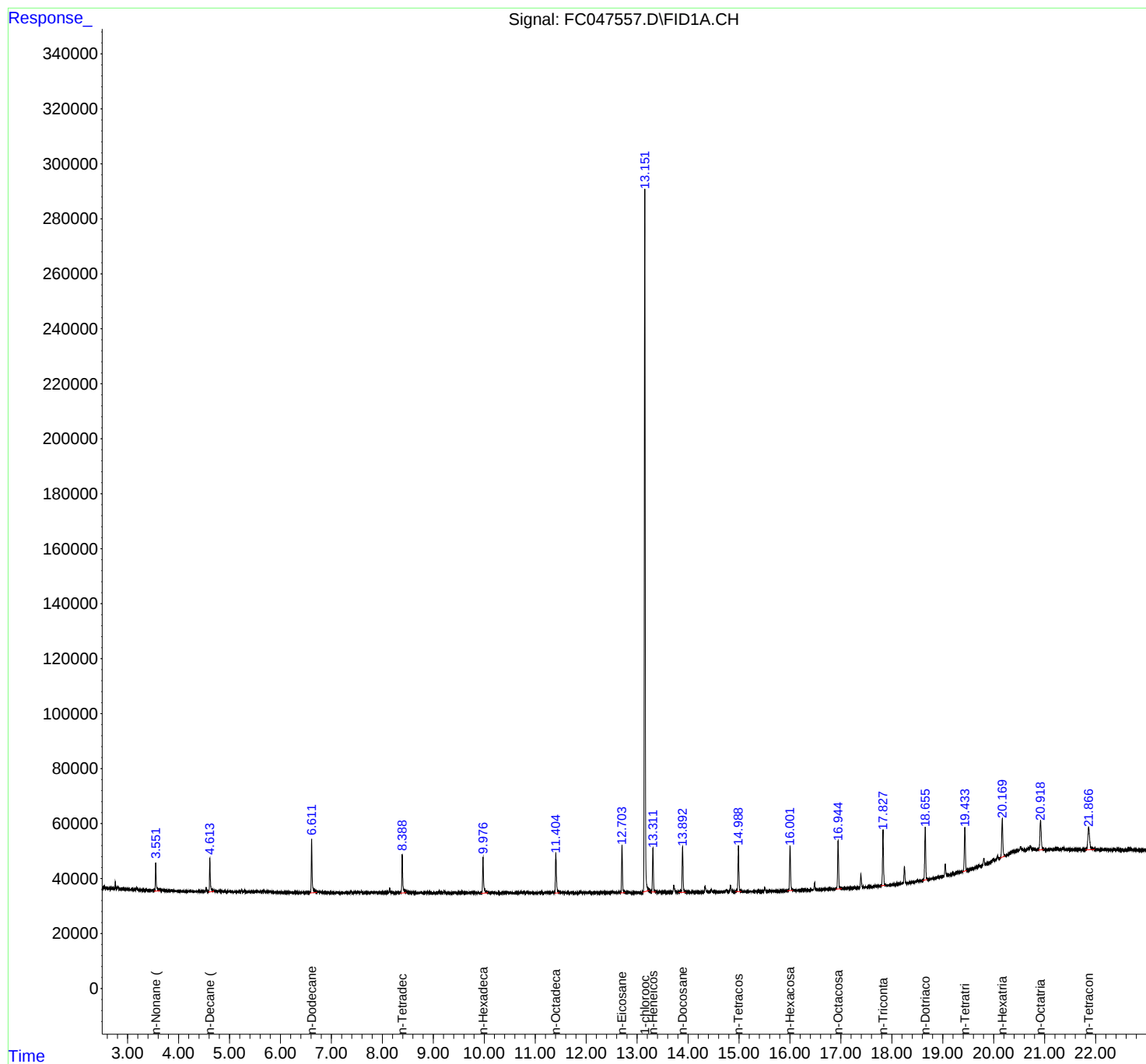
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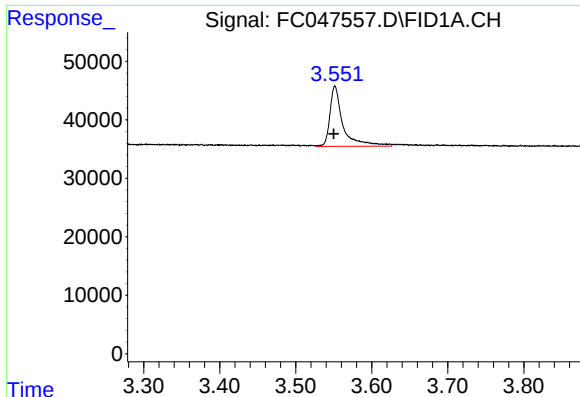
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

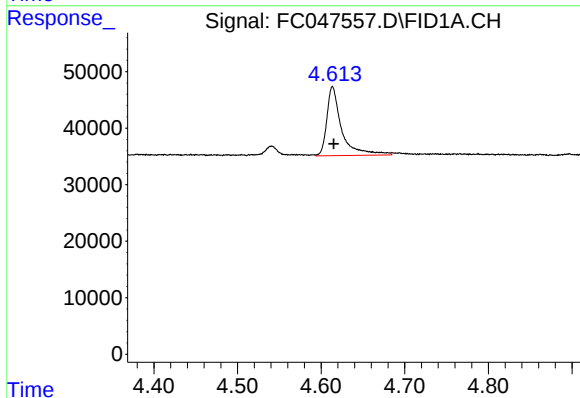
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 123778
Conc: 1.22 ug/ml m

Instrument :
FID_C
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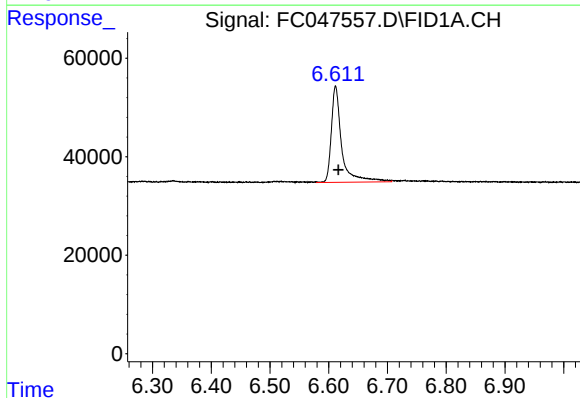
Sohil

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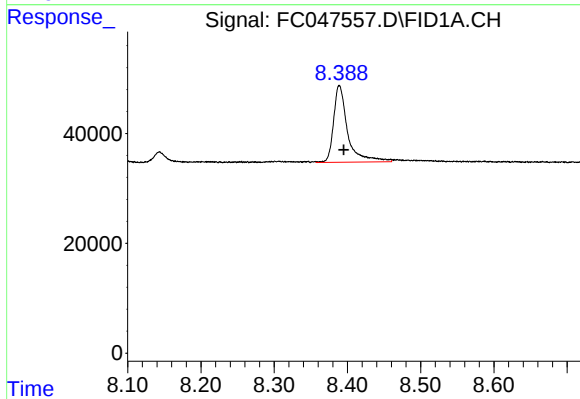
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 150635
Conc: 1.47 ug/ml m



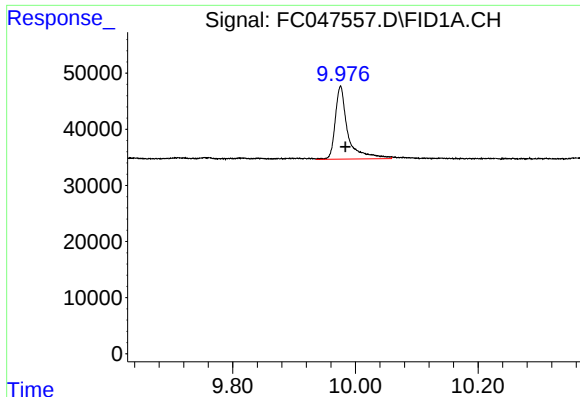
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 242156
Conc: 2.29 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.007 min
Response: 187259
Conc: 1.77 ug/ml m



#7 n-Hexadecane (C16)

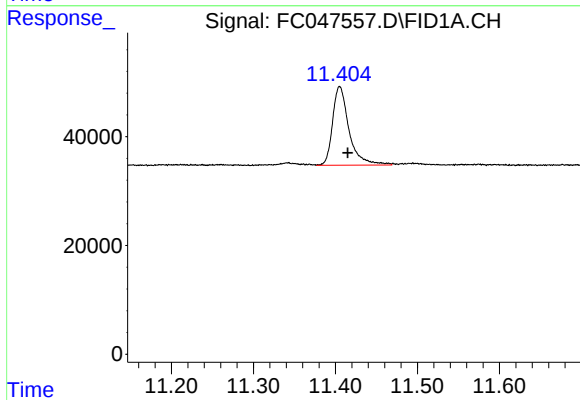
R.T.: 9.976 min
Delta R.T.: -0.008 min
Response: 186057
Conc: 1.76 ug/ml m

Instrument :
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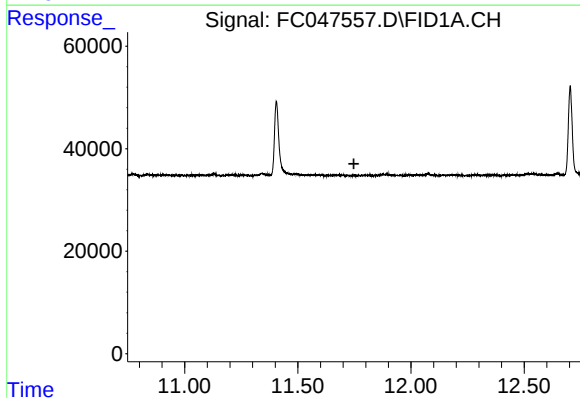
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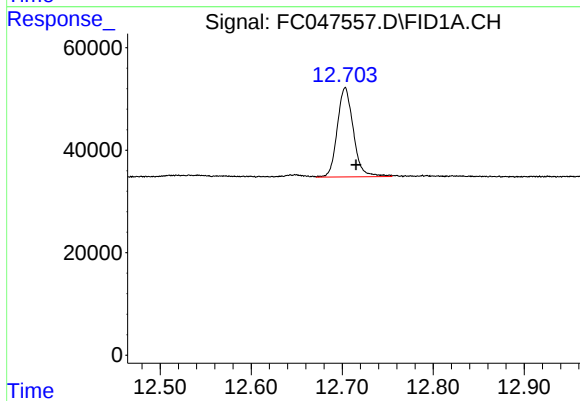
#8 n-Octadecane (C18)

R.T.: 11.404 min
Delta R.T.: -0.011 min
Response: 202195
Conc: 1.81 ug/ml m



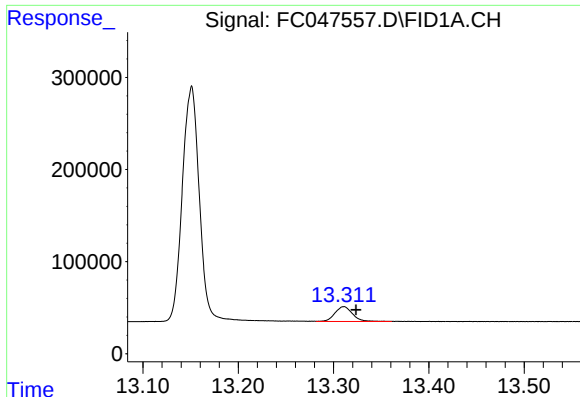
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.012 min
Response: 213279
Conc: 1.87 ug/ml m



#11 n-Heneicosane (C21)

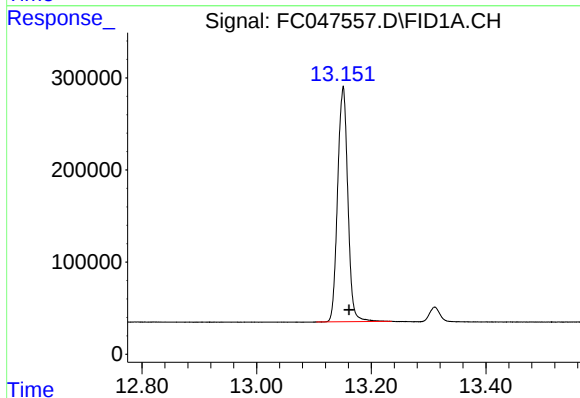
R.T.: 13.311 min
Delta R.T.: -0.012 min
Response: 203859
Conc: 1.79 ug/ml m

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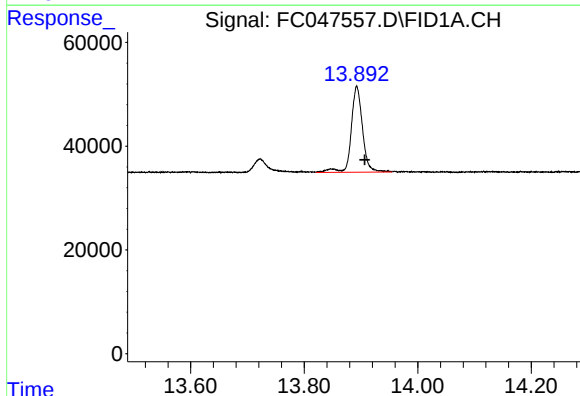
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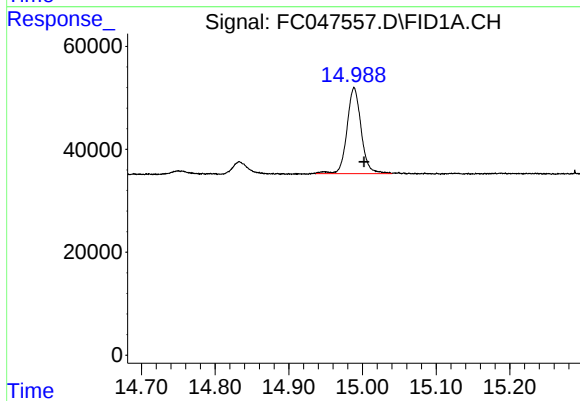
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: -0.010 min
Response: 3152638
Conc: 32.14 ug/ml



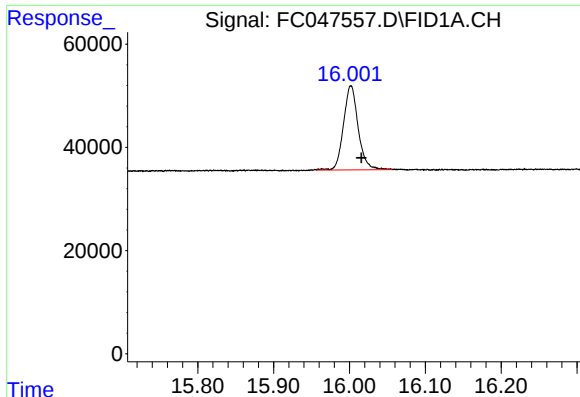
#13 n-Docosane (C22)

R.T.: 13.892 min
Delta R.T.: -0.014 min
Response: 229701
Conc: 2.02 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.988 min
Delta R.T.: -0.014 min
Response: 224839
Conc: 1.99 ug/ml m



#15 n-Hexacosane (C26)

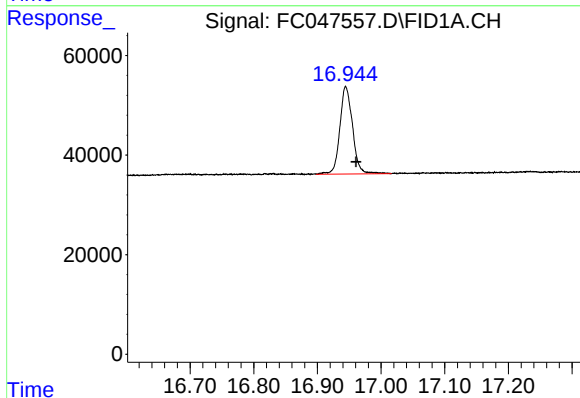
R.T.: 16.001 min
Delta R.T.: -0.015 min
Response: 220255
Conc: 1.97 ug/ml m

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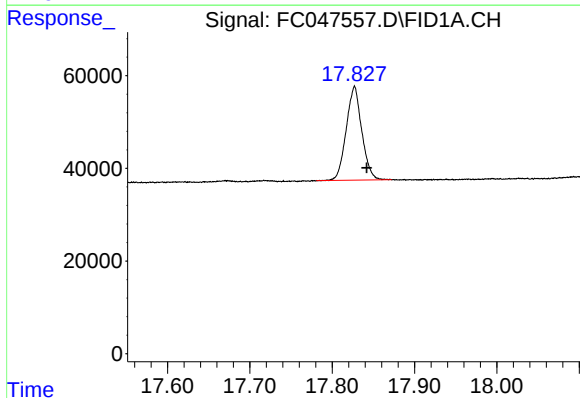
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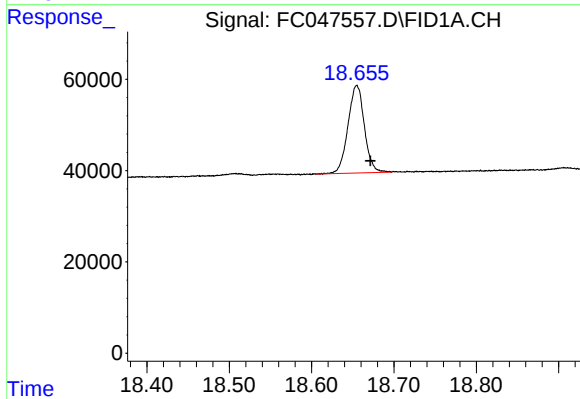
#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.017 min
Response: 244201
Conc: 2.19 ug/ml m



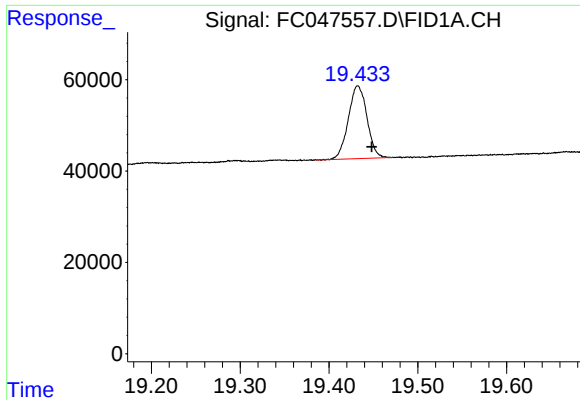
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 265785
Conc: 2.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.017 min
Response: 265060
Conc: 2.69 ug/ml



#19 n-Tetratriacontane (C34)

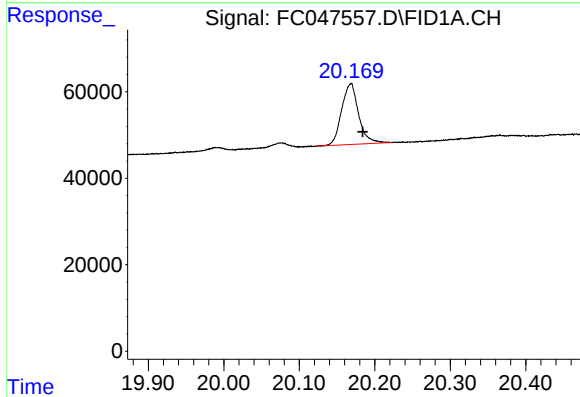
R.T.: 19.432 min
Delta R.T.: -0.016 min
Response: 232359
Conc: 2.53 ug/ml

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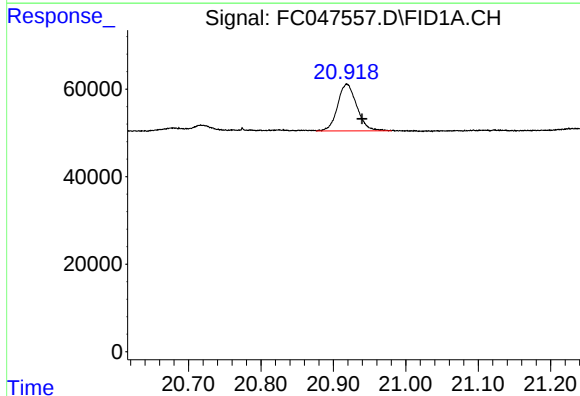
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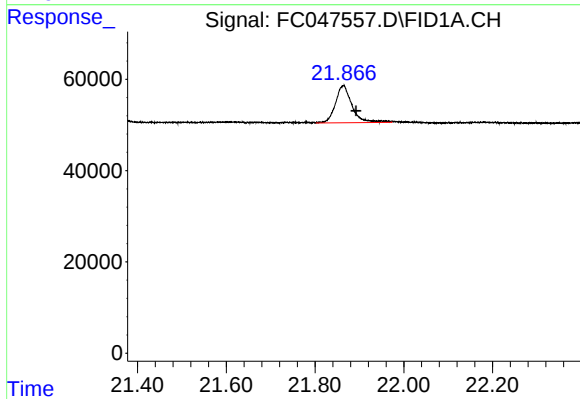
#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: -0.016 min
Response: 219373
Conc: 2.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.021 min
Response: 197501
Conc: 2.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.026 min
Response: 212972
Conc: 2.62 ug/ml m