

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
 Data File : FC061850.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 12:30
 Operator : YP/AJ
 Sample : N4955-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 19 16:08:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	13.023	5670510	48.673 ug/ml
Spiked Amount 50.000		Recovery =	97.35%
Target Compounds			
1) T n-Nonane (C9)	3.344	174152	1.238 ug/ml
2) T n-Decane (C10)	4.409	222878	1.561 ug/ml
4) T n-Dodecane (C12)	6.424	297402	2.049 ug/ml
6) T n-Tetradecane (C14)	8.221	326421	2.246 ug/ml
7) T n-Hexadecane (C16)	9.822	292086	2.006 ug/ml
8) T n-Octadecane (C18)	11.264	286818	1.984 ug/ml
10) T n-Eicosane (C20)	12.574	274981	1.948 ug/ml
11) T n-Heneicosane (C21)	13.186	274084	1.975 ug/ml
13) T n-Docosane (C22)	13.772	270917	1.976 ug/ml
14) T n-Tetracosane (C24)	14.875	270819	2.050 ug/ml
15) T n-Hexacosane (C26)	15.896	258975	2.055 ug/ml
16) T n-Octacosane (C28)	16.846	252420	2.093 ug/ml
17) T n-Tricontane (C30)	17.733	251594	2.115 ug/ml
18) T n-Dotriacontane (C32)	18.565	250301	2.124 ug/ml
19) T n-Tetratriacontane (C34)	19.348	238488	2.111 ug/ml
20) T n-Hexatriacontane (C36)	20.087	232047	2.046 ug/ml
21) T n-Octatriacontane (C38)	20.823	220512	1.960 ug/ml
22) T n-Tetracontane (C40)	21.736	216446	1.928 ug/ml

(f)=RT Delta > 1/2 Window

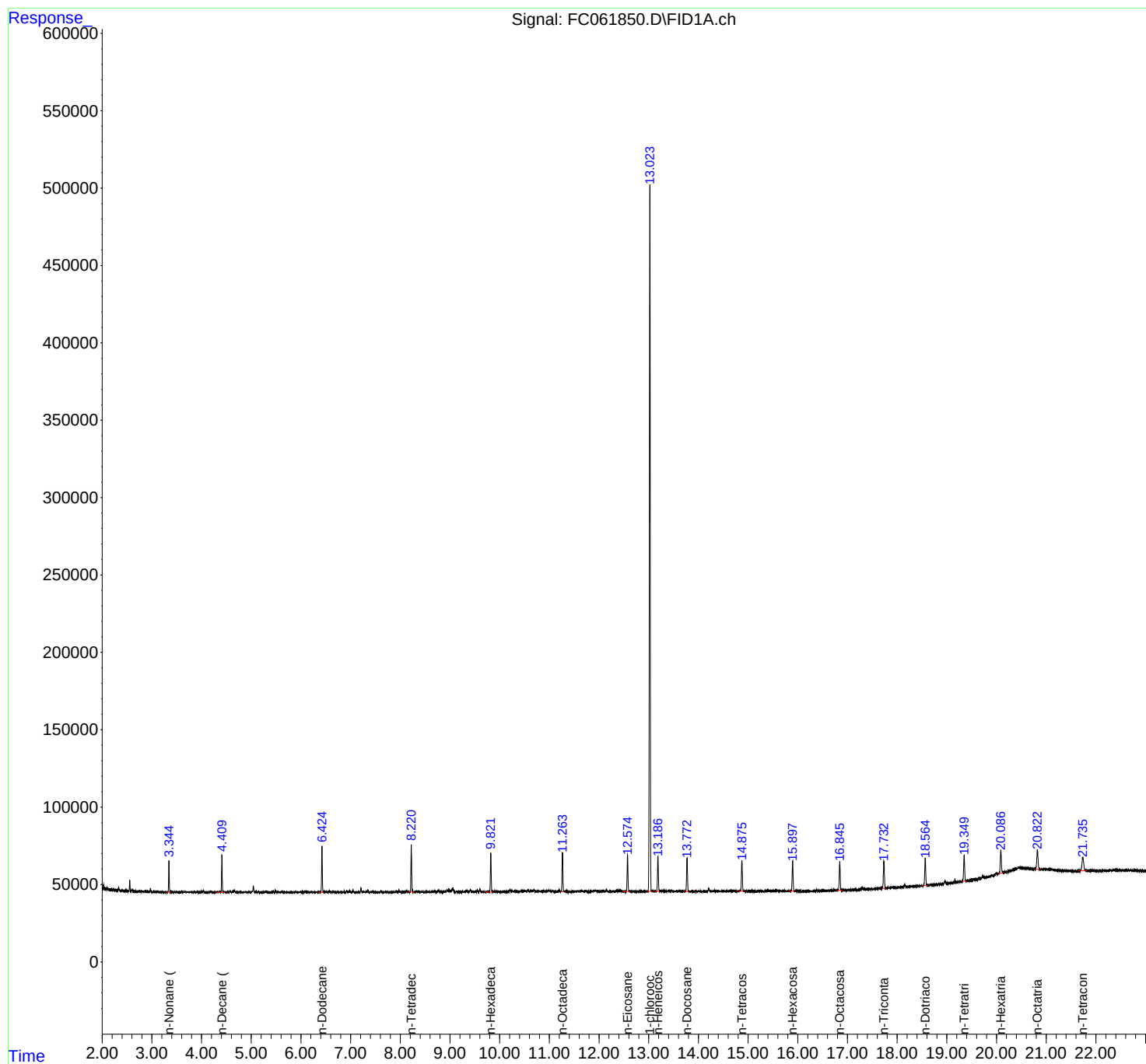
(m)=manual int.

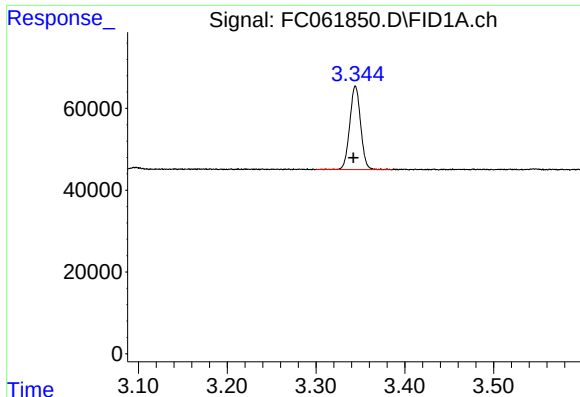
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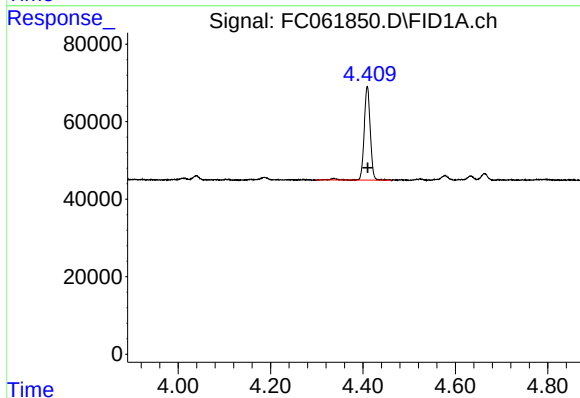




#1 n-Nonane (C9)

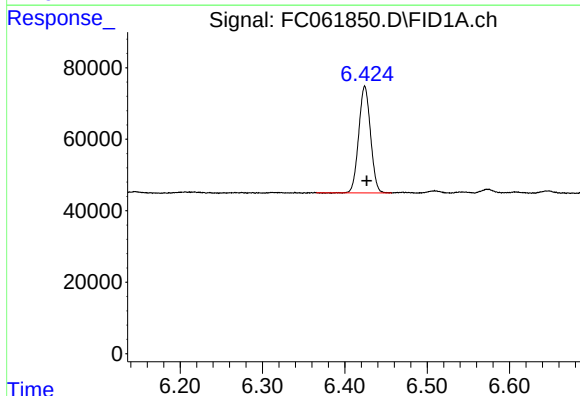
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 174152
Conc: 1.24 ug/ml

Instrument :
FID_C
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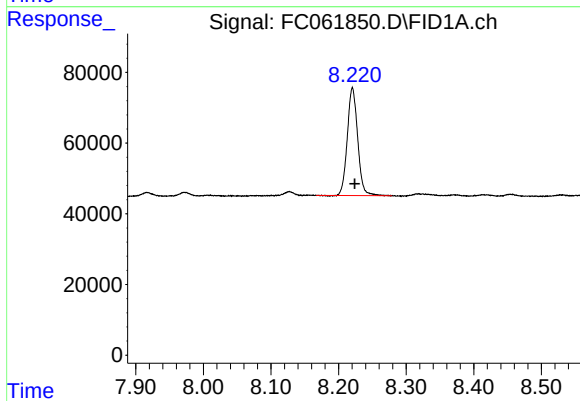
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 222878
Conc: 1.56 ug/ml



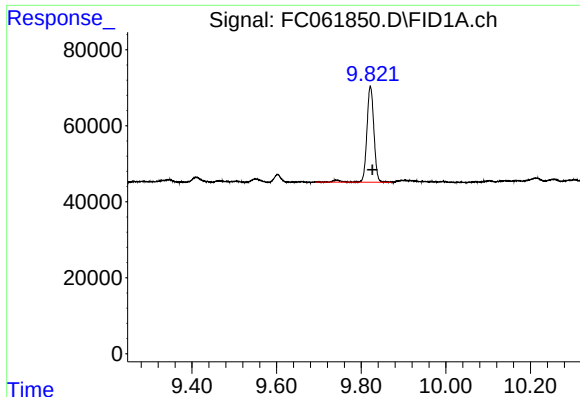
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 297402
Conc: 2.05 ug/ml



#6 n-Tetradecane (C14)

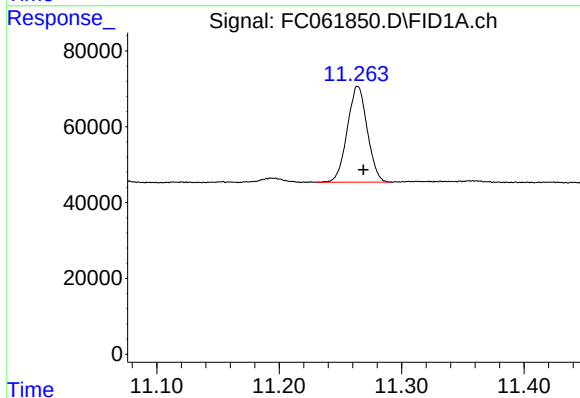
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 326421
Conc: 2.25 ug/ml



#7 n-Hexadecane (C16)

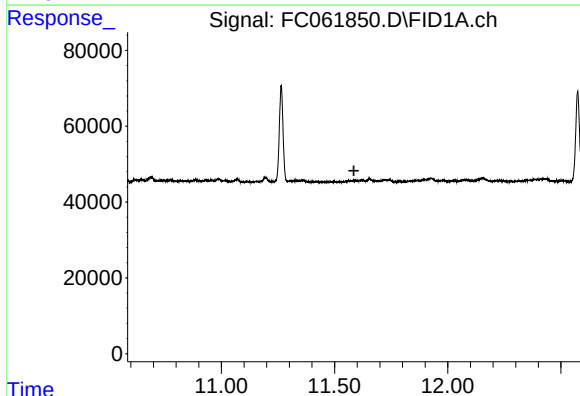
R.T.: 9.822 min
Delta R.T.: -0.004 min
Response: 292086
Conc: 2.01 ug/ml

Instrument :
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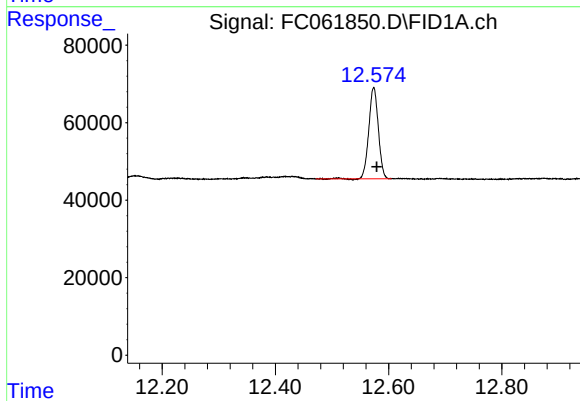
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.005 min
Response: 286818
Conc: 1.98 ug/ml



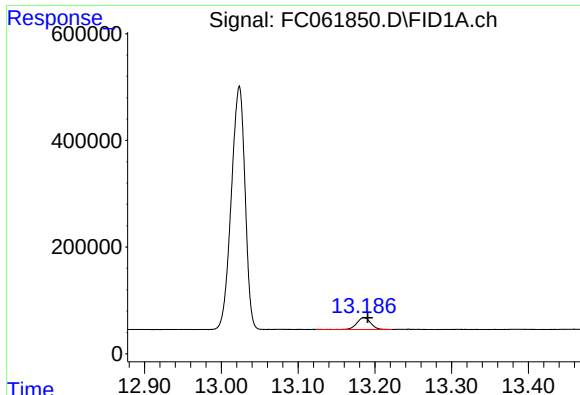
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

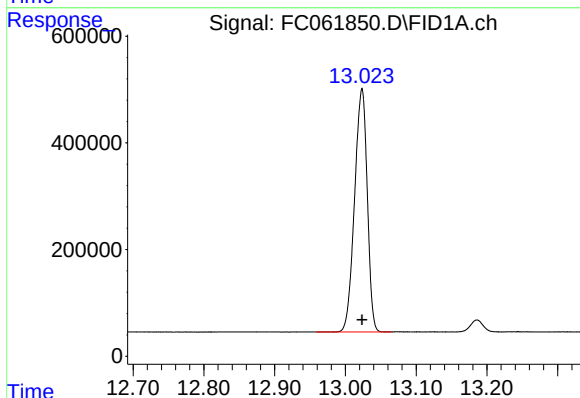
R.T.: 12.574 min
Delta R.T.: -0.005 min
Response: 274981
Conc: 1.95 ug/ml



#11 n-Heneicosane (C21)

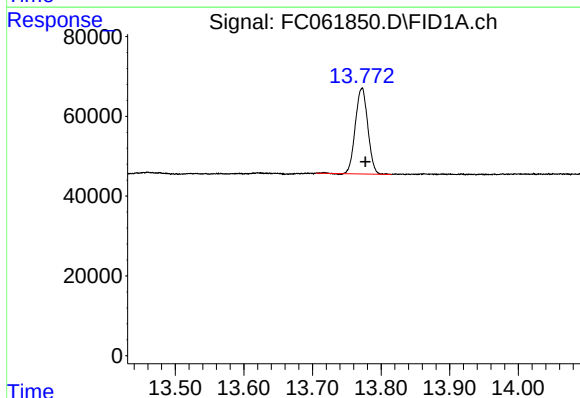
R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 274084
Conc: 1.98 ug/ml

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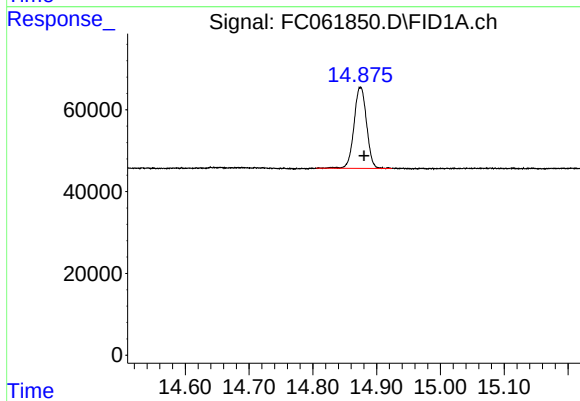
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 5670510
Conc: 48.67 ug/ml



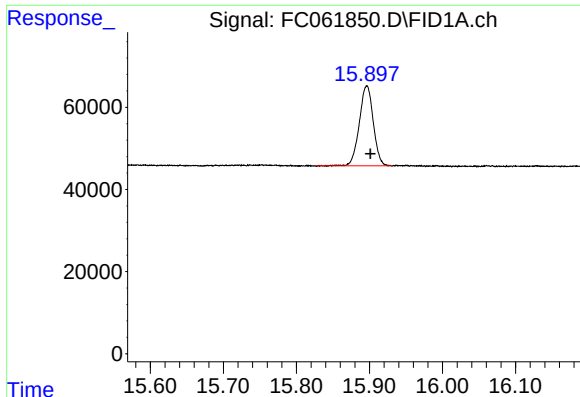
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.006 min
Response: 270917
Conc: 1.98 ug/ml



#14 n-Tetracosane (C24)

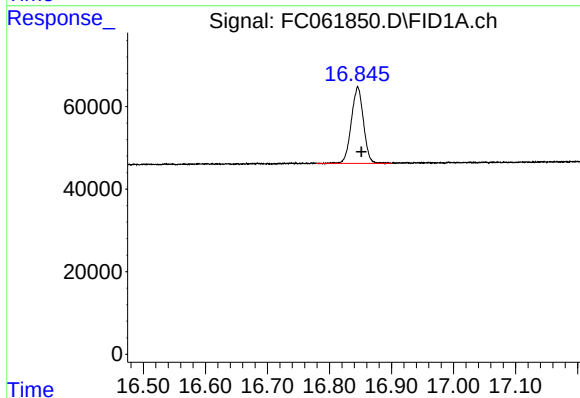
R.T.: 14.875 min
Delta R.T.: -0.006 min
Response: 270819
Conc: 2.05 ug/ml



#15 n-Hexacosane (C26)

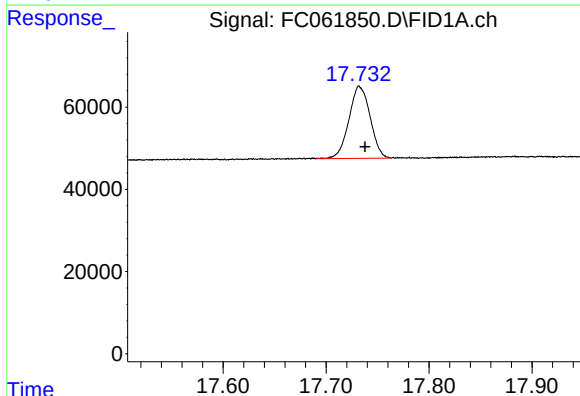
R.T.: 15.896 min
Delta R.T.: -0.005 min
Response: 258975
Conc: 2.06 ug/ml

Instrument :
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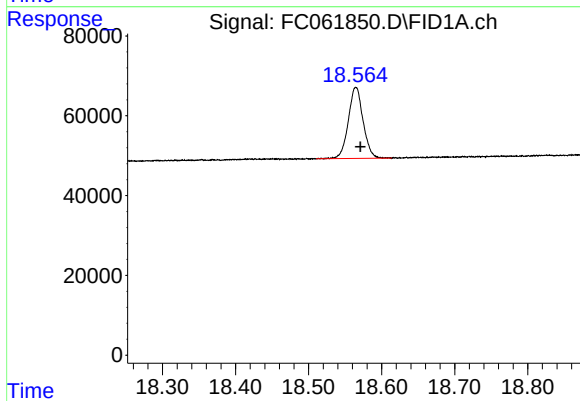
#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.006 min
Response: 252420
Conc: 2.09 ug/ml



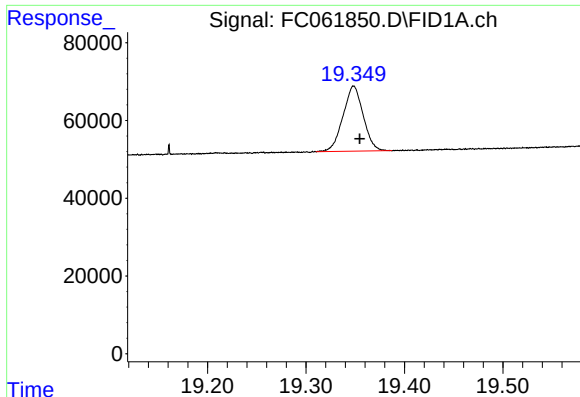
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.005 min
Response: 251594
Conc: 2.11 ug/ml



#18 n-Dotriacontane (C32)

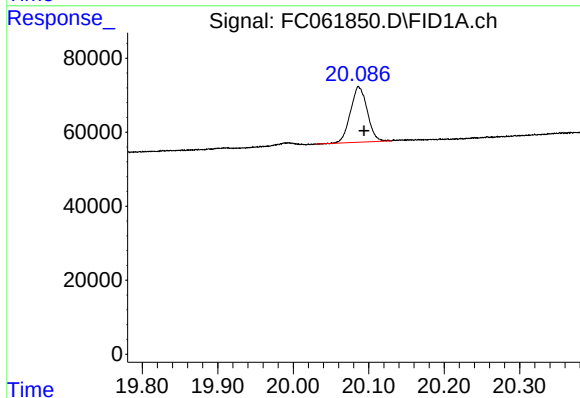
R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 250301
Conc: 2.12 ug/ml



#19 n-Tetratriacontane (C34)

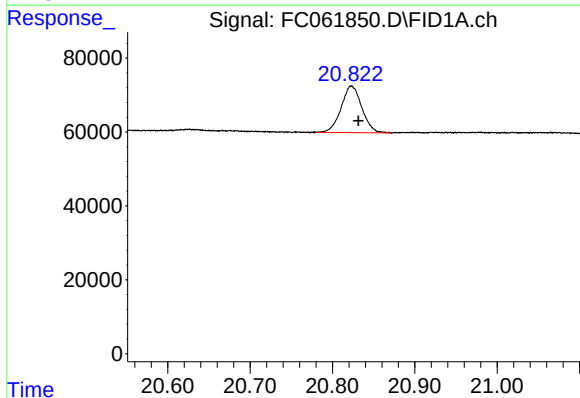
R.T.: 19.348 min
Delta R.T.: -0.006 min
Response: 238488
Conc: 2.11 ug/ml

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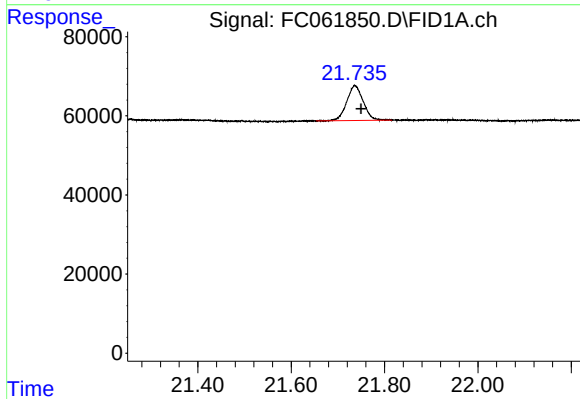
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.007 min
Response: 232047
Conc: 2.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.008 min
Response: 220512
Conc: 1.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: -0.013 min
Response: 216446
Conc: 1.93 ug/ml