

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061840.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 18:14
 Operator : YP/AJ
 Sample : N4955-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 19 06:35:28 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	3762608	32.297 ug/ml
Spiked Amount 50.000		Recovery =	64.59%
Target Compounds			
1) T n-Nonane (C9)	3.344	331629	2.358 ug/ml
2) T n-Decane (C10)	4.410	410539	2.876 ug/ml
4) T n-Dodecane (C12)	6.426	507613	3.497 ug/ml
6) T n-Tetradecane (C14)	8.223	497089	3.420 ug/ml
7) T n-Hexadecane (C16)	9.824	508970	3.495 ug/ml
8) T n-Octadecane (C18)	11.266	541959	3.750 ug/ml
10) T n-Eicosane (C20)	12.577	544427	3.857 ug/ml
11) T n-Heneicosane (C21)	13.189	540698	3.897 ug/ml
13) T n-Docosane (C22)	13.775	538056	3.925 ug/ml
14) T n-Tetracosane (C24)	14.878	557839	4.222 ug/ml
15) T n-Hexacosane (C26)	15.898	511438	4.059 ug/ml
16) T n-Octacosane (C28)	16.847	510274	4.231 ug/ml
17) T n-Tricontane (C30)	17.734	540565	4.543 ug/ml
18) T n-Dotriacontane (C32)	18.566	545312	4.628 ug/ml
19) T n-Tetratriacontane (C34)	19.350	519534	4.599 ug/ml
20) T n-Hexatriacontane (C36)	20.090	475245	4.191 ug/ml
21) T n-Octatriacontane (C38)	20.827	453761	4.033 ug/ml
22) T n-Tetracontane (C40)	21.743	435402	3.878 ug/ml

(f)=RT Delta > 1/2 Window

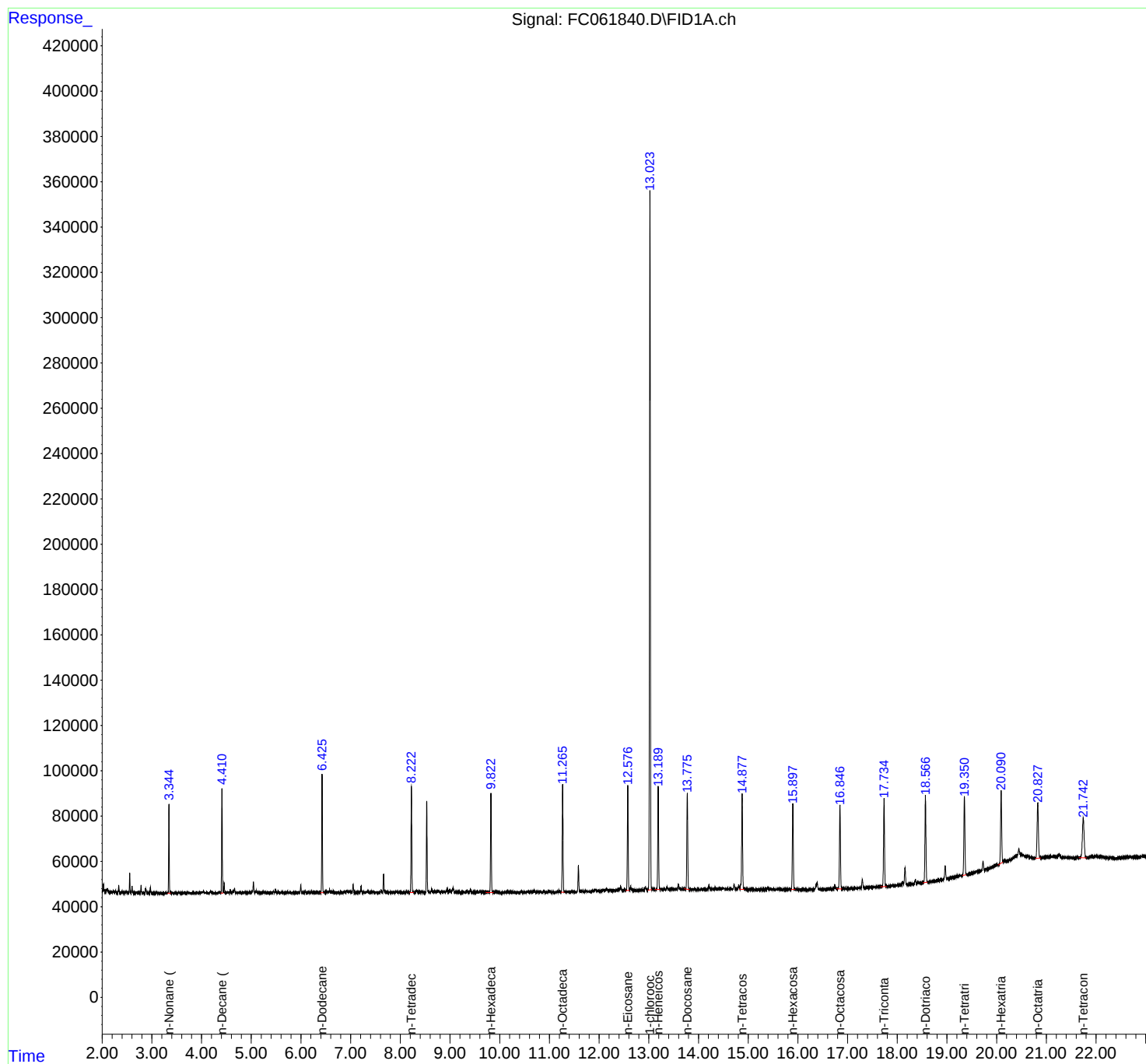
(m)=manual int.

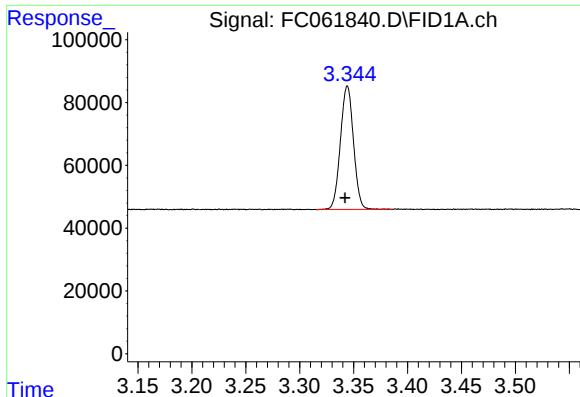
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
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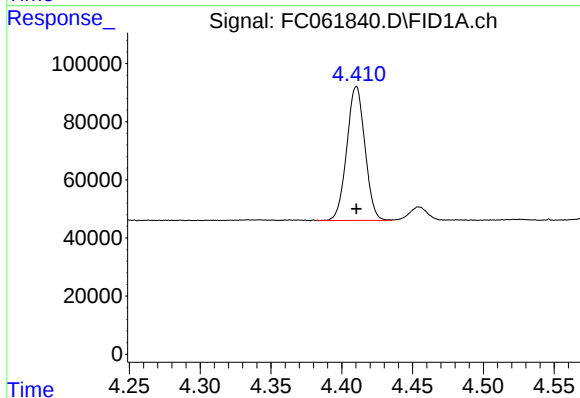




#1 n-Nonane (C9)

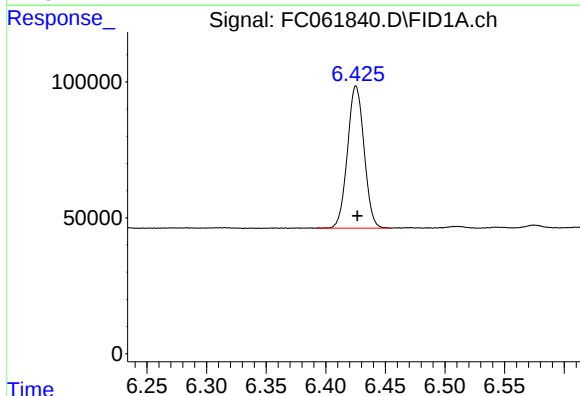
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 331629
Conc: 2.36 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT4-2022



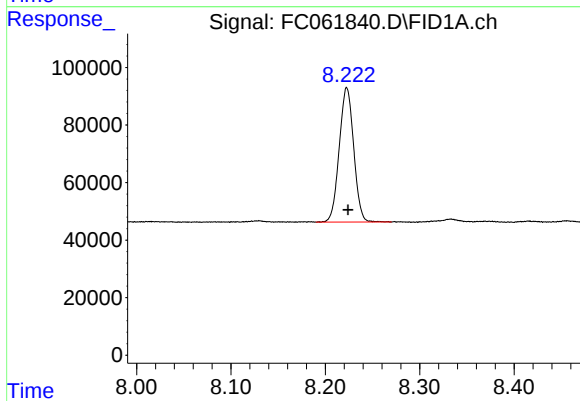
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 410539
Conc: 2.88 ug/ml



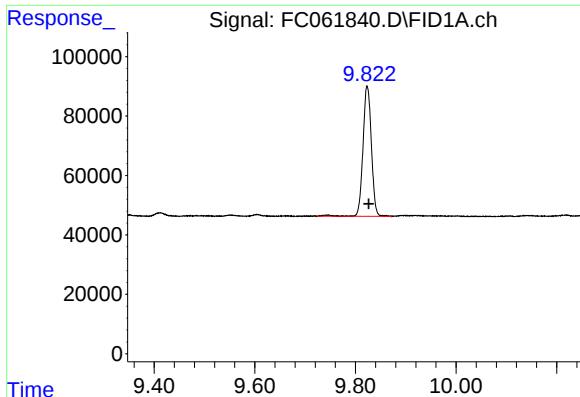
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 507613
Conc: 3.50 ug/ml



#6 n-Tetradecane (C14)

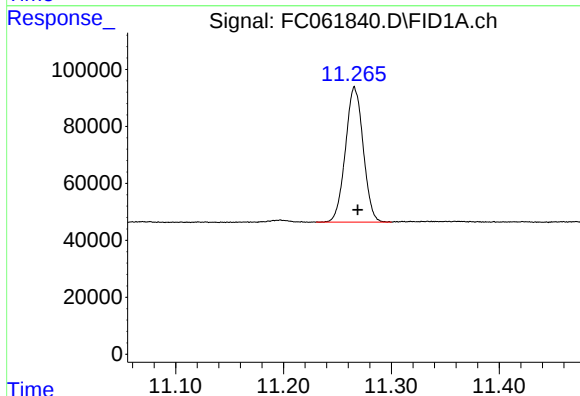
R.T.: 8.223 min
Delta R.T.: -0.001 min
Response: 497089
Conc: 3.42 ug/ml



#7 n-Hexadecane (C16)

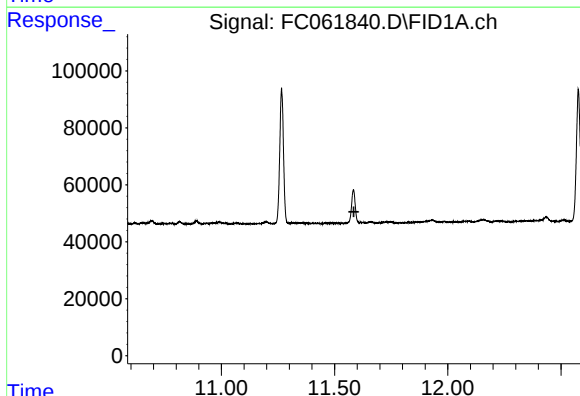
R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 508970
Conc: 3.50 ug/ml

Instrument :
FID_C
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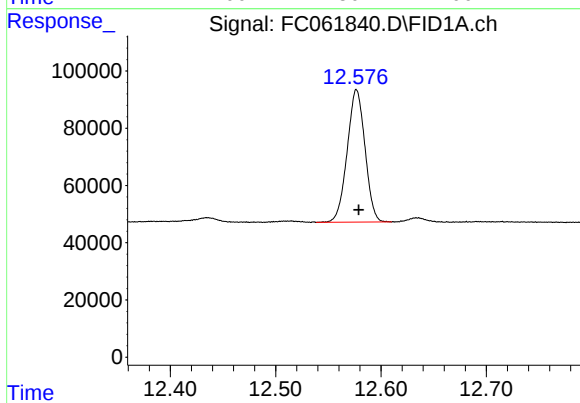
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 541959
Conc: 3.75 ug/ml



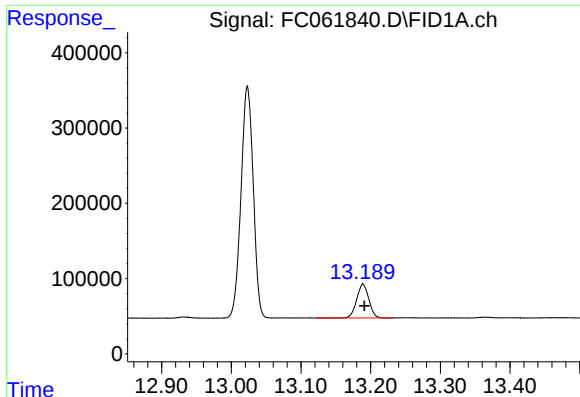
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

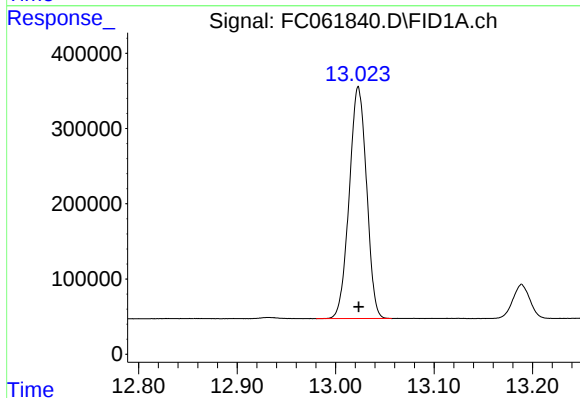
R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 544427
Conc: 3.86 ug/ml



#11 n-Heneicosane (C21)

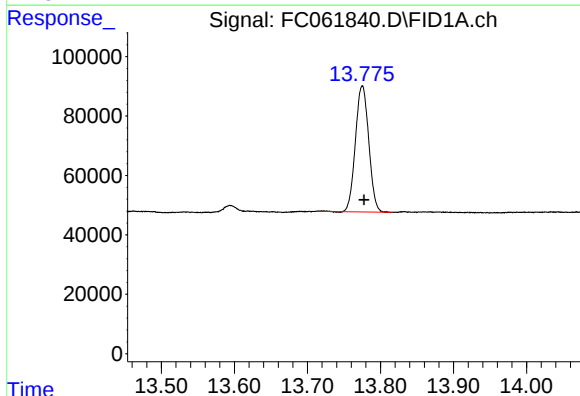
R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 540698
Conc: 3.90 ug/ml

Instrument :
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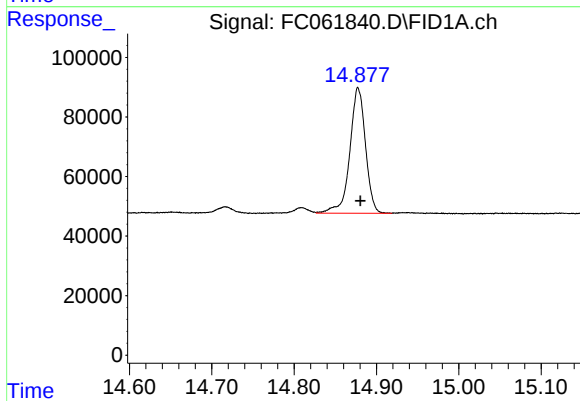
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 3762608
Conc: 32.30 ug/ml



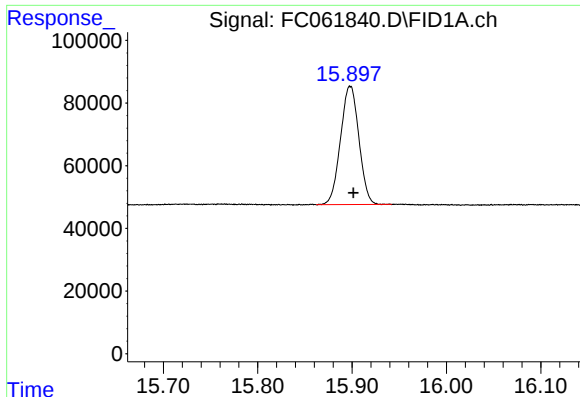
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.002 min
Response: 538056
Conc: 3.92 ug/ml



#14 n-Tetracosane (C24)

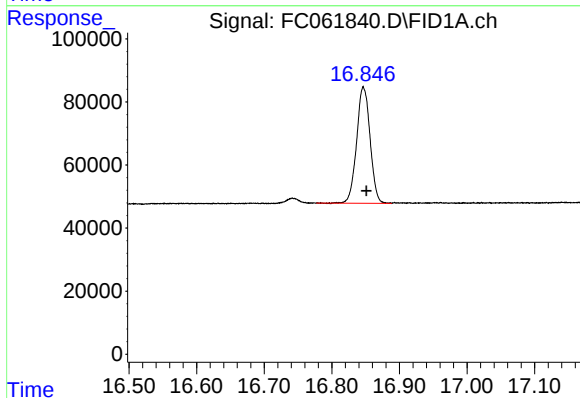
R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 557839
Conc: 4.22 ug/ml



#15 n-Hexacosane (C26)

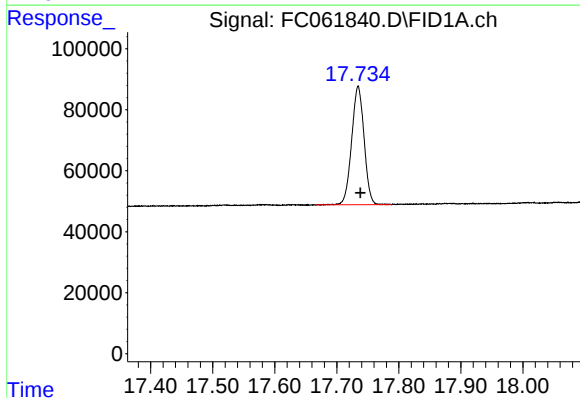
R.T.: 15.898 min
Delta R.T.: -0.004 min
Response: 511438
Conc: 4.06 ug/ml

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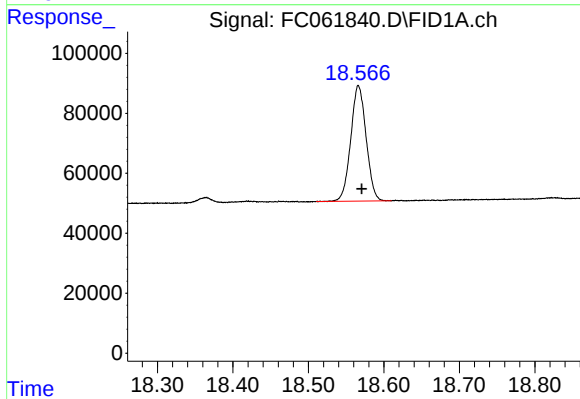
#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: -0.004 min
Response: 510274
Conc: 4.23 ug/ml



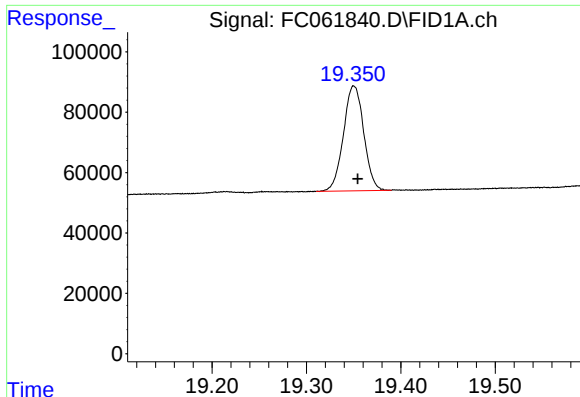
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 540565
Conc: 4.54 ug/ml



#18 n-Dotriacontane (C32)

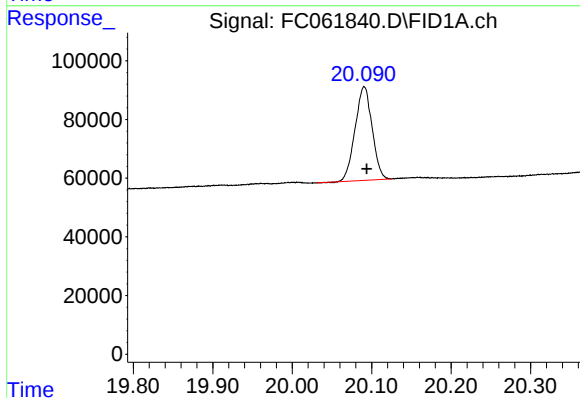
R.T.: 18.566 min
Delta R.T.: -0.005 min
Response: 545312
Conc: 4.63 ug/ml



#19 n-Tetratriacontane (C34)

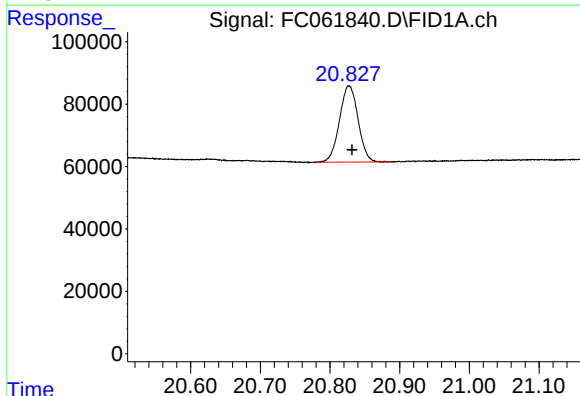
R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 519534
Conc: 4.60 ug/ml

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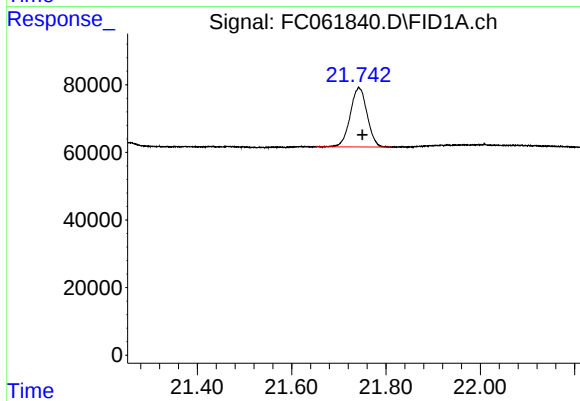
#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.003 min
Response: 475245
Conc: 4.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.004 min
Response: 453761
Conc: 4.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.007 min
Response: 435402
Conc: 3.88 ug/ml