

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061041.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 12:16
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 10 12:42:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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...	11.997	3633678	27.371 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
Target Compounds			
1) T n-Nonane (C9)	2.647	124557	0.884 ug/ml
2) T n-Decane (C10)	3.642	155661	1.103 ug/ml
4) T n-Dodecane (C12)	5.583	252605	1.704 ug/ml
6) T n-Tetradecane (C14)	7.328	258087	1.719 ug/ml
7) T n-Hexadecane (C16)	8.884	263469	1.722 ug/ml
8) T n-Octadecane (C18)	10.287	303495	1.944 ug/ml
10) T n-Eicosane (C20)	11.562	316210	2.015 ug/ml
11) T n-Heneicosane (C21)	12.158	309794	1.980 ug/ml
13) T n-Docosane (C22)	12.729	318386	2.042 ug/ml
14) T n-Tetracosane (C24)	13.804	307138	2.012 ug/ml
15) T n-Hexacosane (C26)	14.798	304418	2.039 ug/ml
16) T n-Octacosane (C28)	15.724	292342	2.040 ug/ml
17) T n-Tricontane (C30)	16.588	297599	2.126 ug/ml
18) T n-Dotriacontane (C32)	17.397	308401	2.285 ug/ml
19) T n-Tetratriacontane (C34)	18.162	294739	2.350 ug/ml
20) T n-Hexatriacontane (C36)	18.883	279430	2.286 ug/ml
21) T n-Octatriacontane (C38)	19.564	269150	2.280 ug/ml
22) T n-Tetracontane (C40)	20.212	278018	2.416 ug/ml

(f)=RT Delta > 1/2 Window

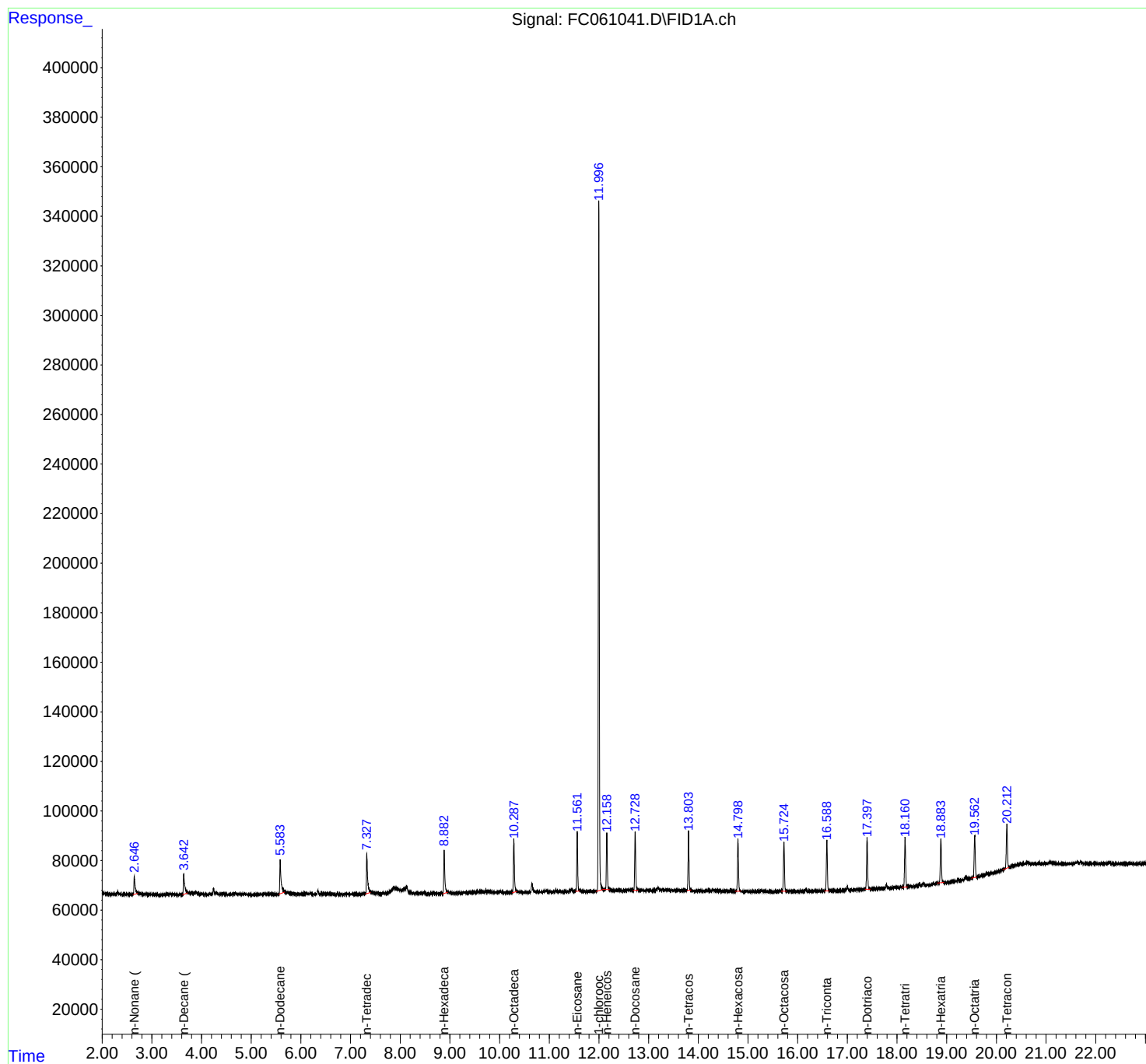
(m)=manual int.

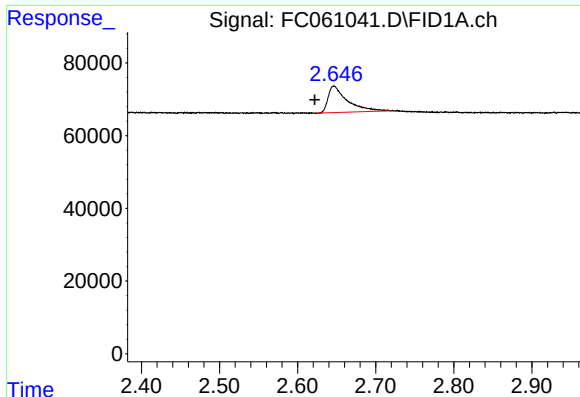
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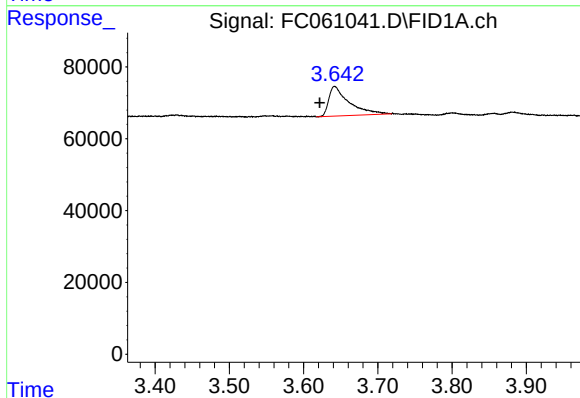




#1 n-Nonane (C9)

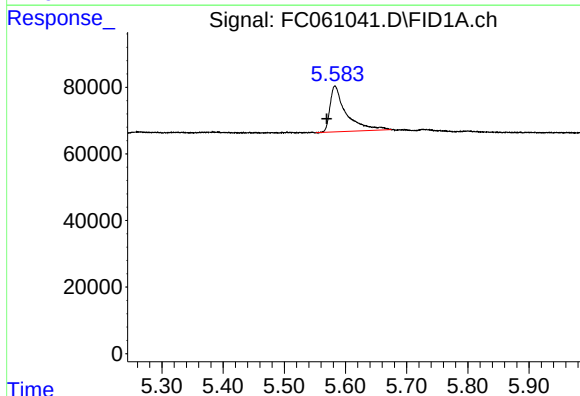
R.T.: 2.647 min
Delta R.T.: 0.025 min
Response: 124557
Conc: 0.88 ug/ml

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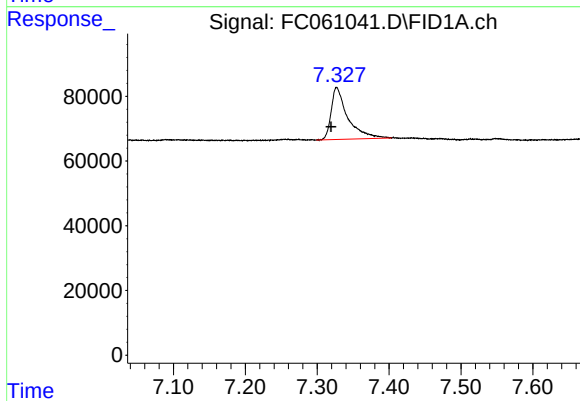
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.021 min
Response: 155661
Conc: 1.10 ug/ml



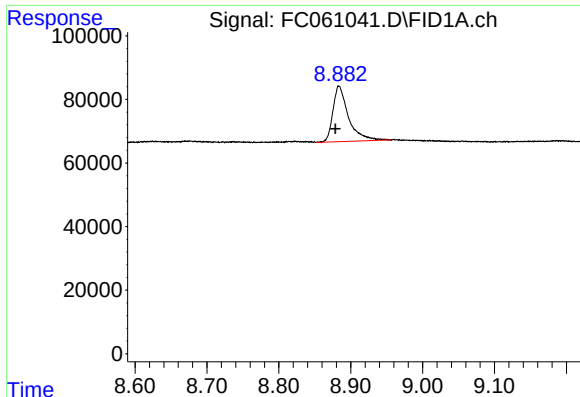
#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: 0.014 min
Response: 252605
Conc: 1.70 ug/ml



#6 n-Tetradecane (C14)

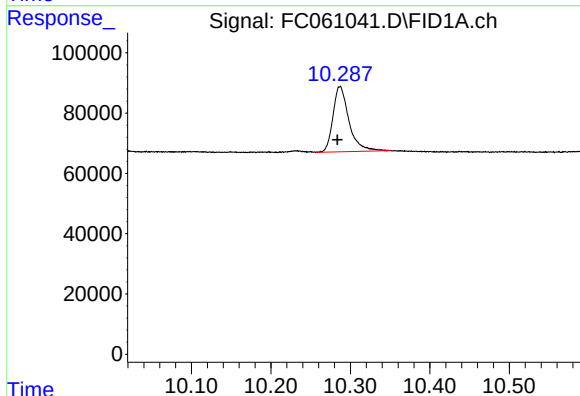
R.T.: 7.328 min
Delta R.T.: 0.009 min
Response: 258087
Conc: 1.72 ug/ml



#7 n-Hexadecane (C16)

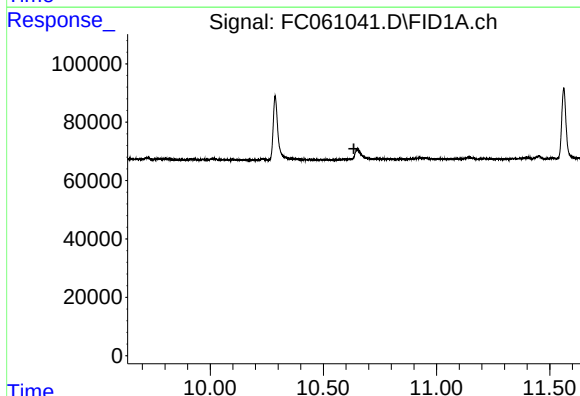
R.T.: 8.884 min
Delta R.T.: 0.006 min
Response: 263469
Conc: 1.72 ug/ml

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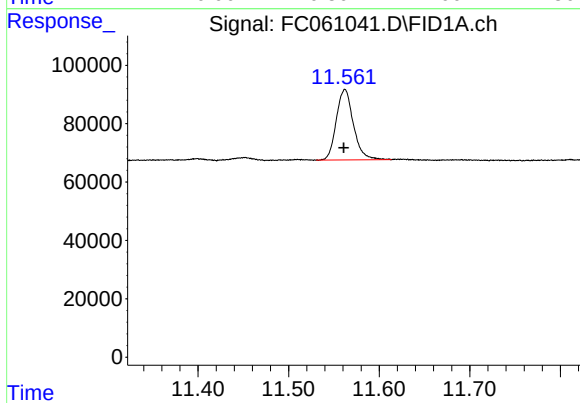
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: 0.003 min
Response: 303495
Conc: 1.94 ug/ml



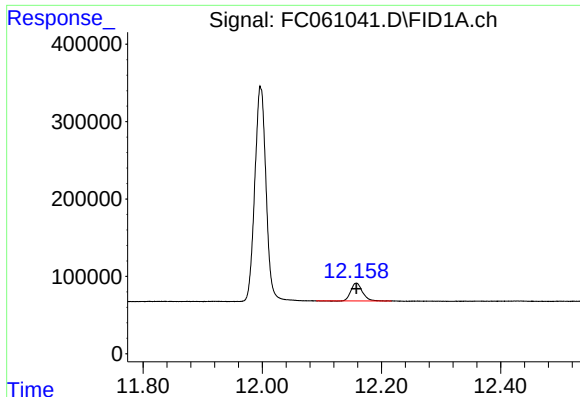
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

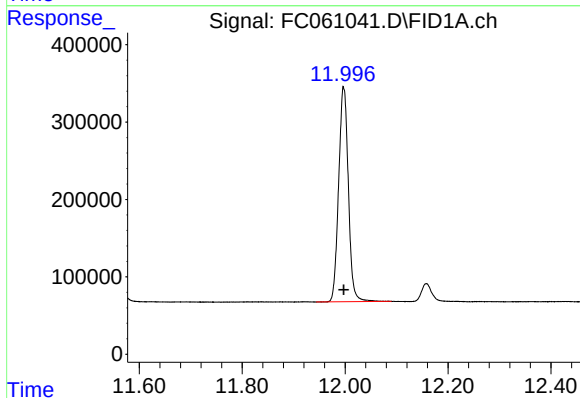
R.T.: 11.562 min
Delta R.T.: 0.001 min
Response: 316210
Conc: 2.01 ug/ml



#11 n-Heneicosane (C21)

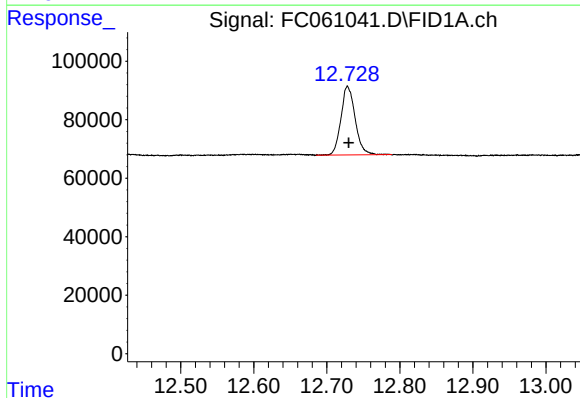
R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 309794
Conc: 1.98 ug/ml

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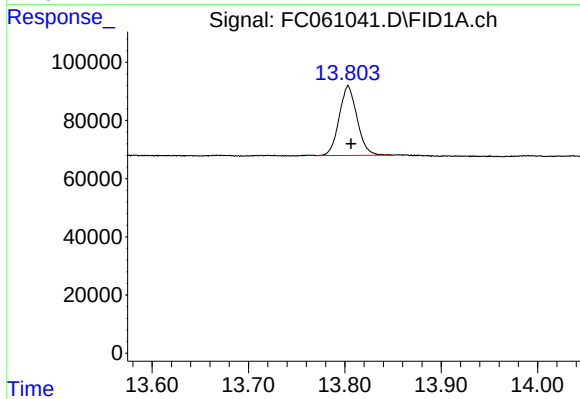
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 3633678
Conc: 27.37 ug/ml



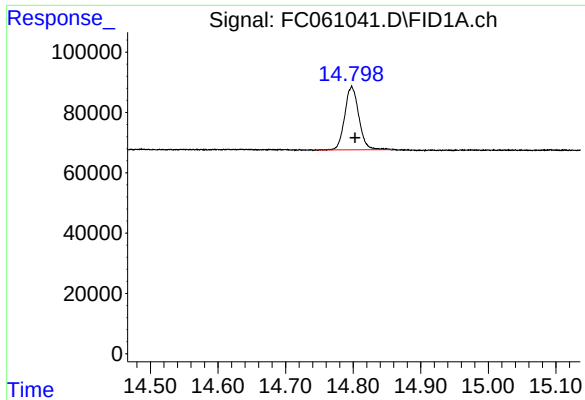
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 318386
Conc: 2.04 ug/ml



#14 n-Tetracosane (C24)

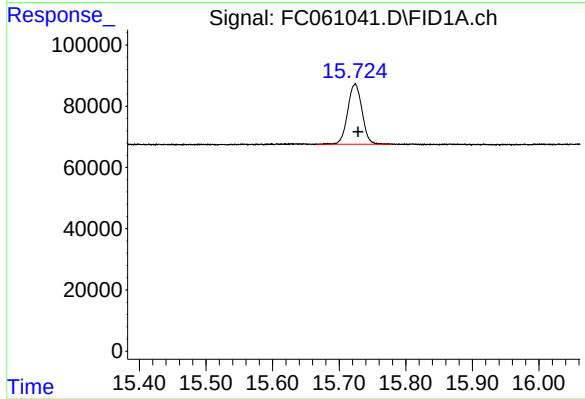
R.T.: 13.804 min
Delta R.T.: -0.003 min
Response: 307138
Conc: 2.01 ug/ml



#15 n-Hexacosane (C26)

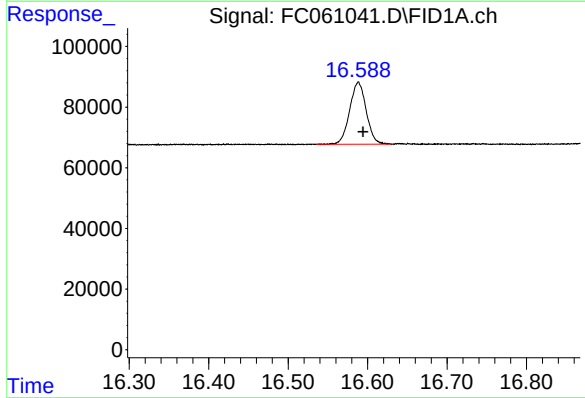
R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 304418
Conc: 2.04 ug/ml

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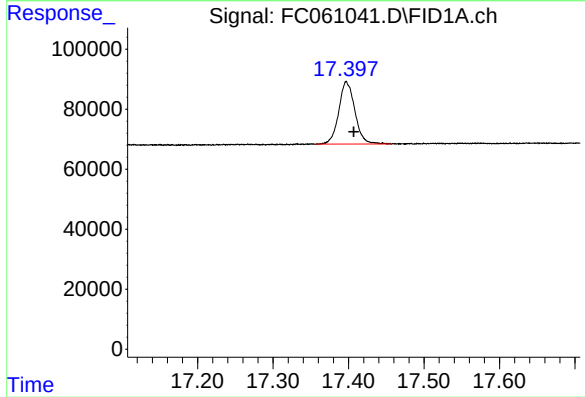
#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 292342
Conc: 2.04 ug/ml



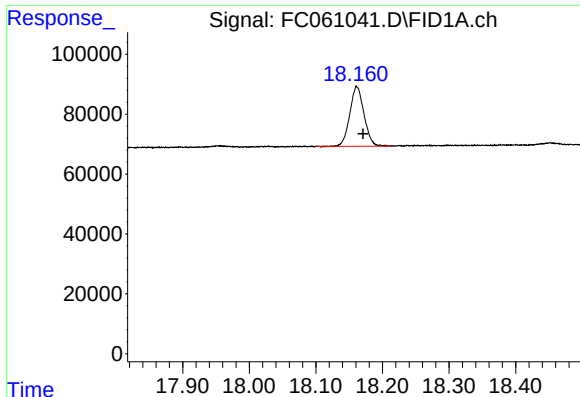
#17 n-Tricontane (C30)

R.T.: 16.588 min
Delta R.T.: -0.006 min
Response: 297599
Conc: 2.13 ug/ml



#18 n-Dotriacontane (C32)

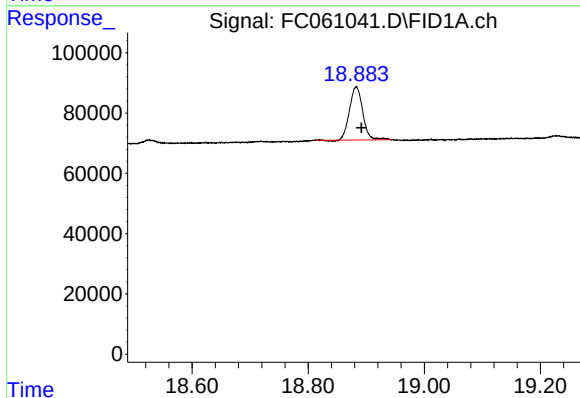
R.T.: 17.397 min
Delta R.T.: -0.010 min
Response: 308401
Conc: 2.29 ug/ml



#19 n-Tetratriacontane (C34)

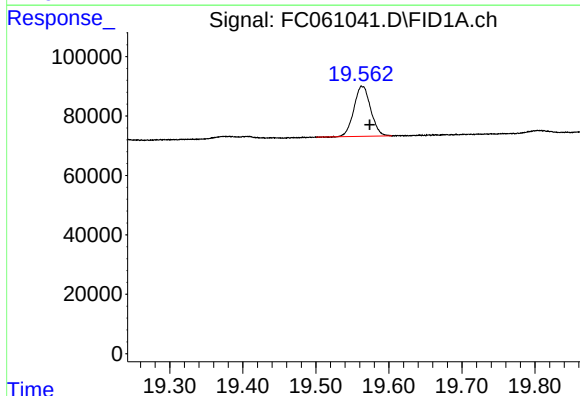
R.T.: 18.162 min
Delta R.T.: -0.009 min
Response: 294739
Conc: 2.35 ug/ml

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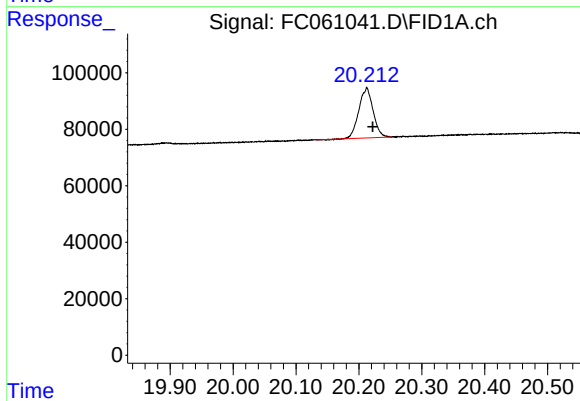
#20 n-Hexatriacontane (C36)

R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 279430
Conc: 2.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.564 min
Delta R.T.: -0.010 min
Response: 269150
Conc: 2.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.212 min
Delta R.T.: -0.010 min
Response: 278018
Conc: 2.42 ug/ml