

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC062998.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 15:46
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Integration File: autoint1.e
 Quant Time: Feb 24 05:29:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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...	12.977	4534348	46.483 ug/ml
Spiked Amount 50.000		Recovery =	92.97%
Target Compounds			
1) T n-Nonane (C9)	3.297	255095	2.152 ug/ml
2) T n-Decane (C10)	4.364	311729	2.703 ug/ml
4) T n-Dodecane (C12)	6.383	390118	3.378 ug/ml
6) T n-Tetradecane (C14)	8.179	358962	3.176 ug/ml
7) T n-Hexadecane (C16)	9.781	385157	3.348 ug/ml
8) T n-Octadecane (C18)	11.222	418539	3.593 ug/ml
10) T n-Eicosane (C20)	12.532	430423	3.777 ug/ml
11) T n-Heneicosane (C21)	13.142	406339	3.565 ug/ml
13) T n-Docosane (C22)	13.727	424130	3.761 ug/ml
14) T n-Tetracosane (C24)	14.829	427909	3.818 ug/ml
15) T n-Hexacosane (C26)	15.847	412397	3.729 ug/ml
16) T n-Octacosane (C28)	16.798	405810	3.688 ug/ml
17) T n-Tricontane (C30)	17.682	420299	3.817 ug/ml
18) T n-Dotriacontane (C32)	18.513	438469	3.929 ug/ml
19) T n-Tetratriacontane (C34)	19.295	429821	3.846 ug/ml
20) T n-Hexatriacontane (C36)	20.034	402069	3.704 ug/ml
21) T n-Octatriacontane (C38)	20.764	405902	3.735 ug/ml
22) T n-Tetracontane (C40)	21.662	391077	3.595 ug/ml

(f)=RT Delta > 1/2 Window

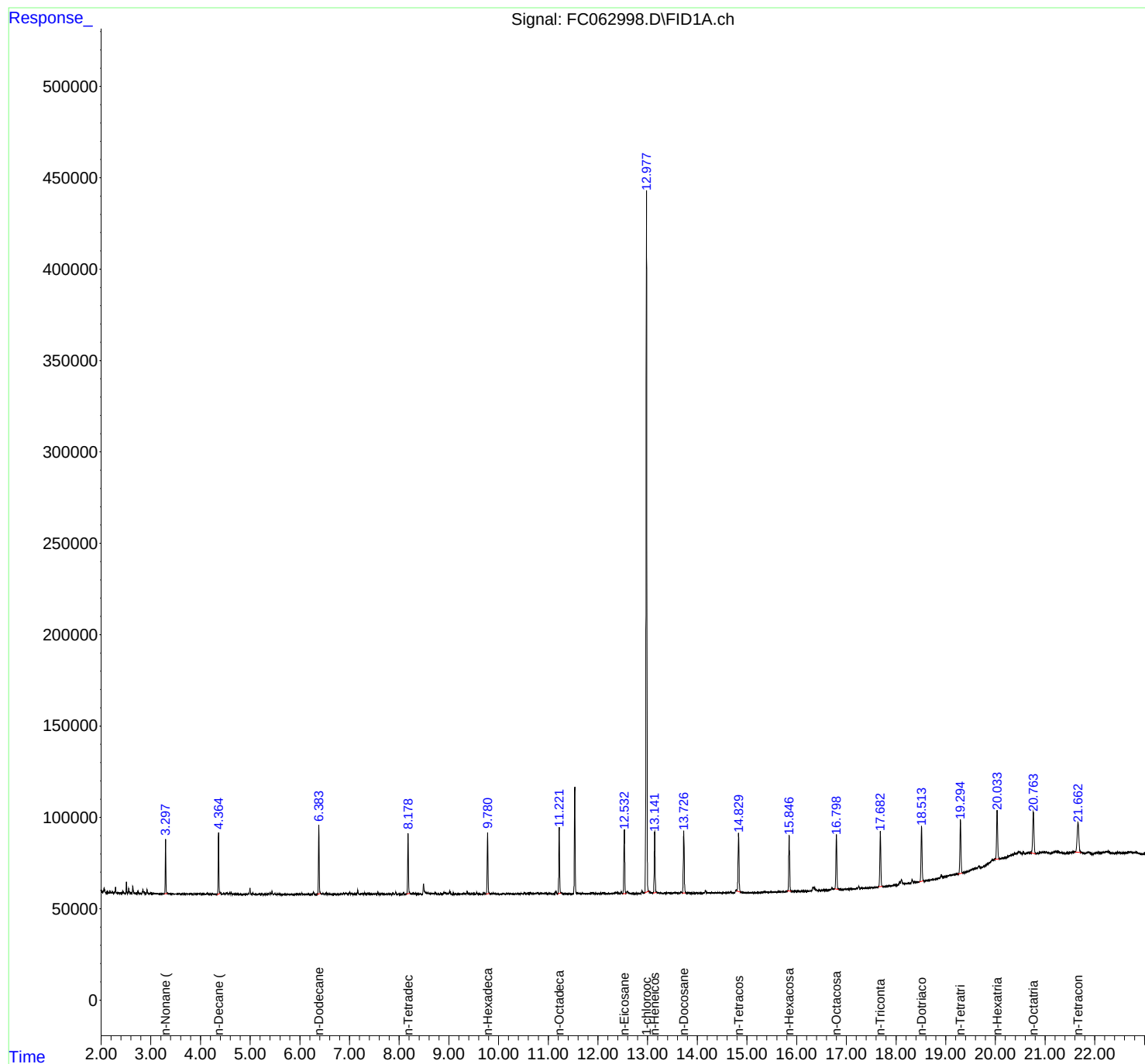
(m)=manual int.

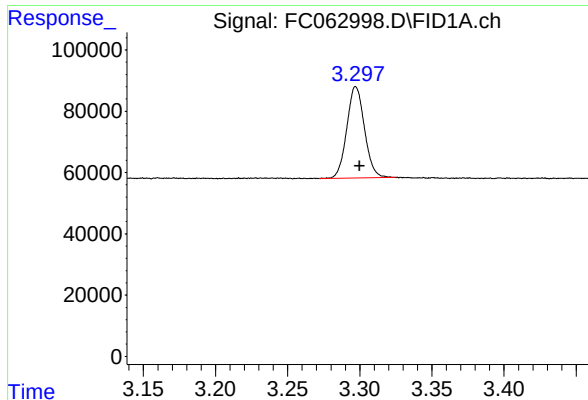
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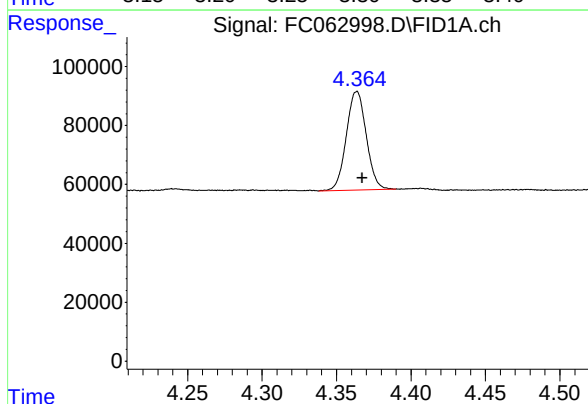




#1 n-Nonane (C9)

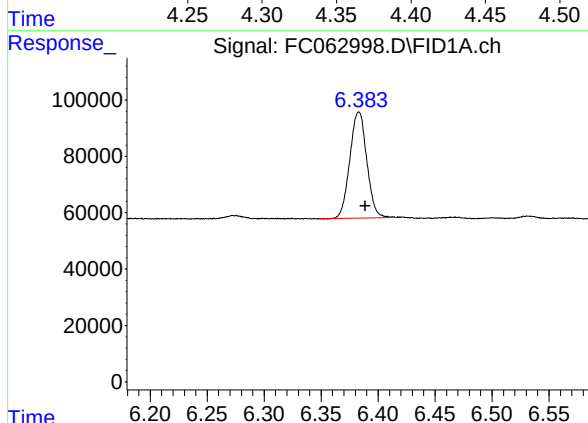
R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 255095
Conc: 2.15 ug/ml

Instrument :
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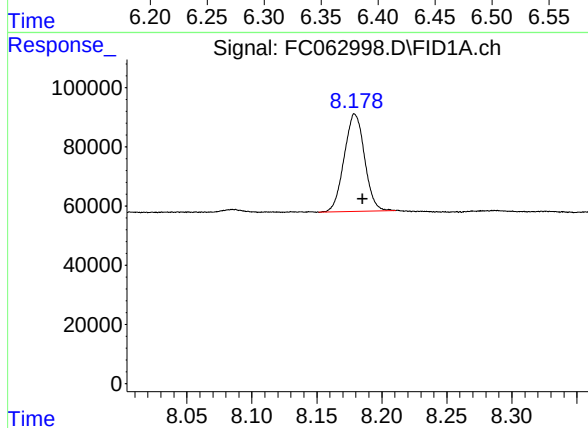
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 311729
Conc: 2.70 ug/ml



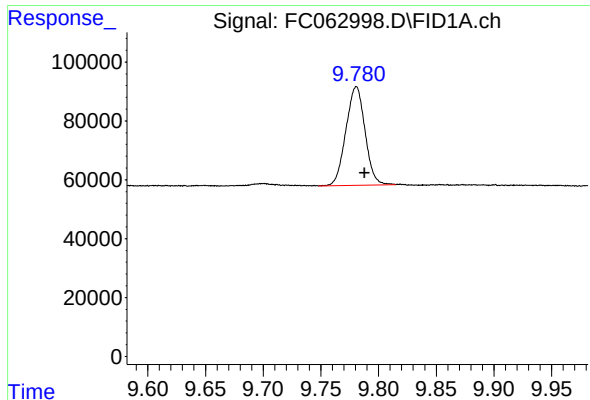
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 390118
Conc: 3.38 ug/ml



#6 n-Tetradecane (C14)

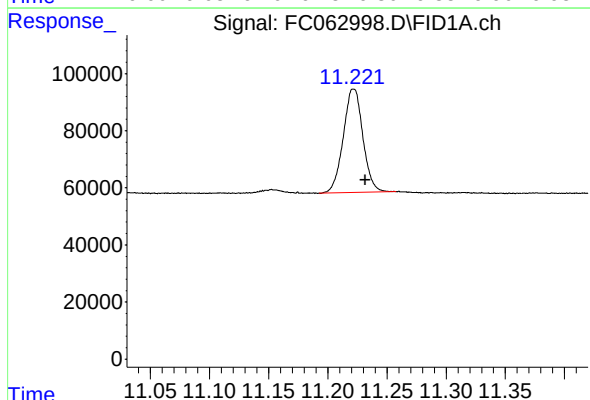
R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 358962
Conc: 3.18 ug/ml



#7 n-Hexadecane (C16)

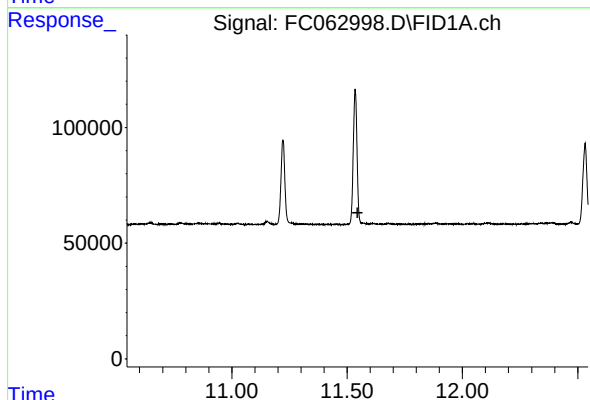
R.T.: 9.781 min
Delta R.T.: -0.007 min
Response: 385157
Conc: 3.35 ug/ml

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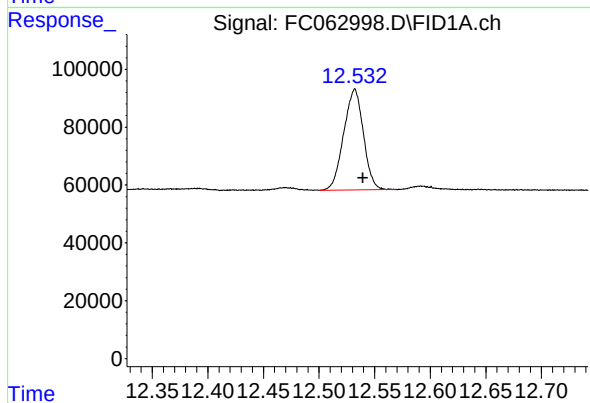
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.010 min
Response: 418539
Conc: 3.59 ug/ml



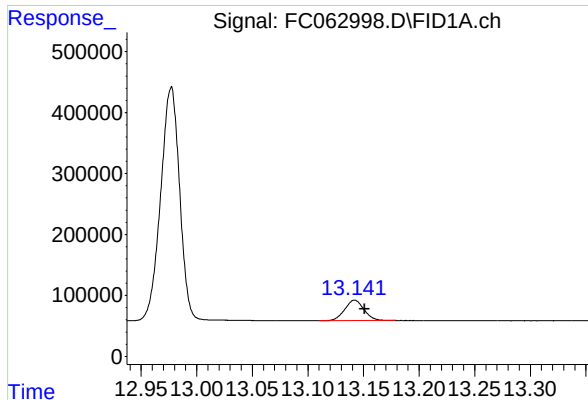
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

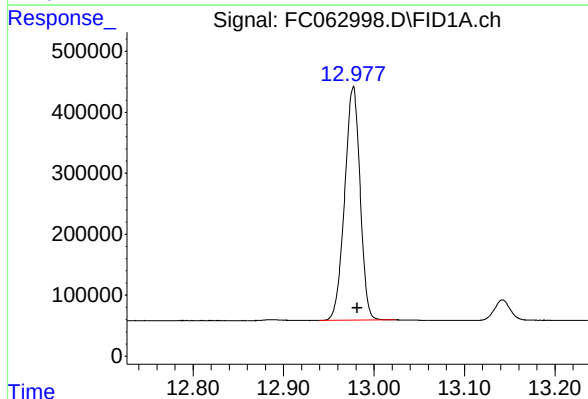
R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 430423
Conc: 3.78 ug/ml



#11 n-Heneicosane (C21)

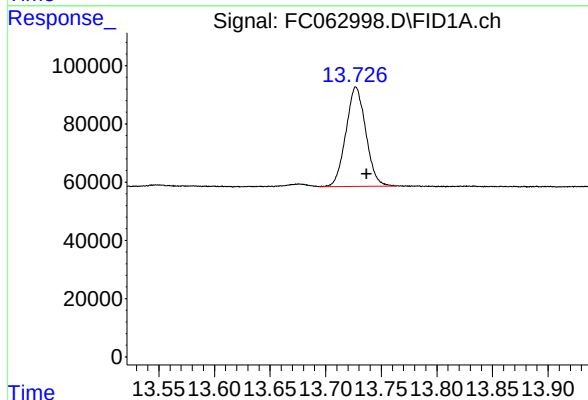
R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 406339
Conc: 3.57 ug/ml

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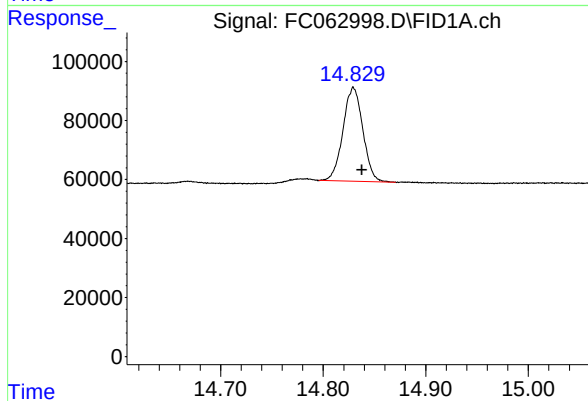
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.005 min
Response: 4534348
Conc: 46.48 ug/ml



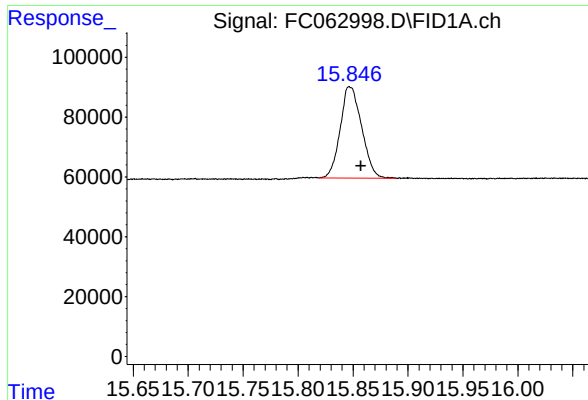
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 424130
Conc: 3.76 ug/ml



#14 n-Tetracosane (C24)

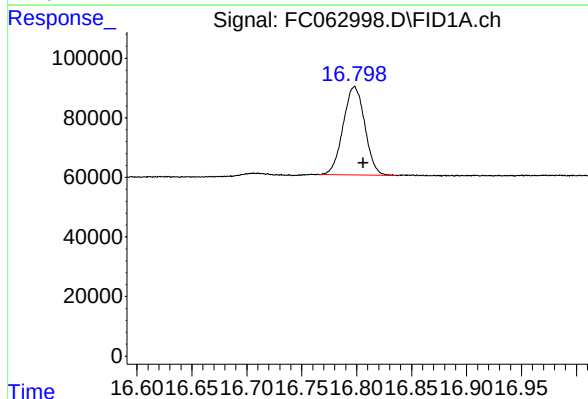
R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 427909
Conc: 3.82 ug/ml



#15 n-Hexacosane (C26)

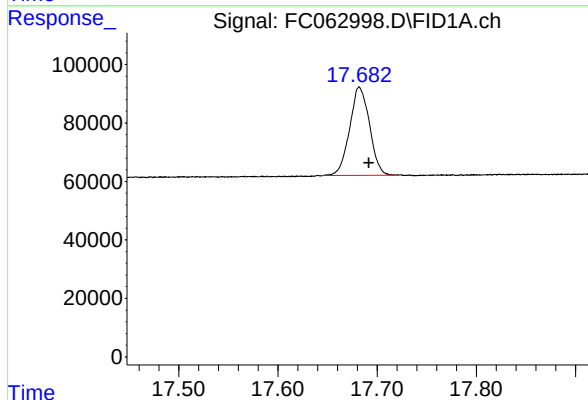
R.T.: 15.847 min
Delta R.T.: -0.010 min
Response: 412397
Conc: 3.73 ug/ml

Instrument :
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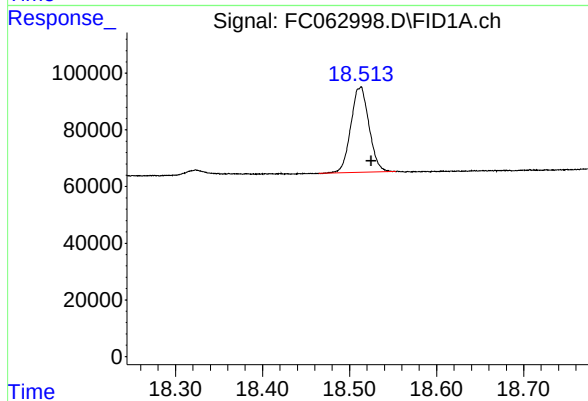
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 405810
Conc: 3.69 ug/ml



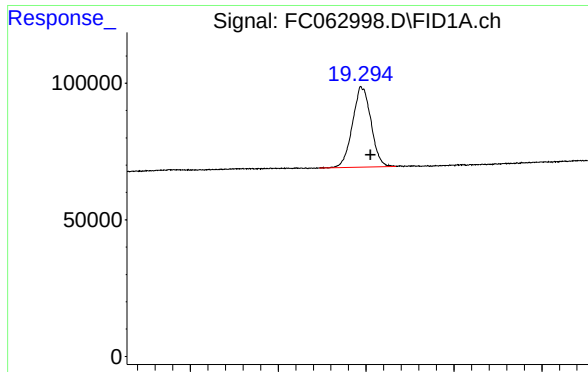
#17 n-Tricontane (C30)

R.T.: 17.682 min
Delta R.T.: -0.010 min
Response: 420299
Conc: 3.82 ug/ml



#18 n-Dotriacontane (C32)

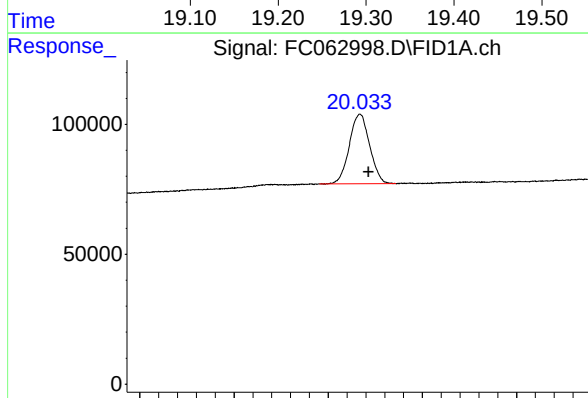
R.T.: 18.513 min
Delta R.T.: -0.012 min
Response: 438469
Conc: 3.93 ug/ml



#19 n-Tetratriacontane (C34)

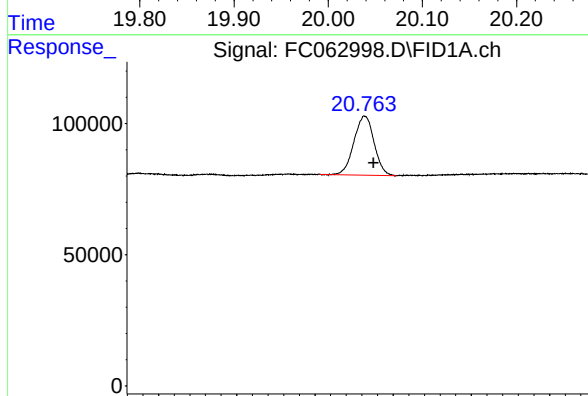
R.T.: 19.295 min
Delta R.T.: -0.011 min
Response: 429821
Conc: 3.85 ug/ml

Instrument :
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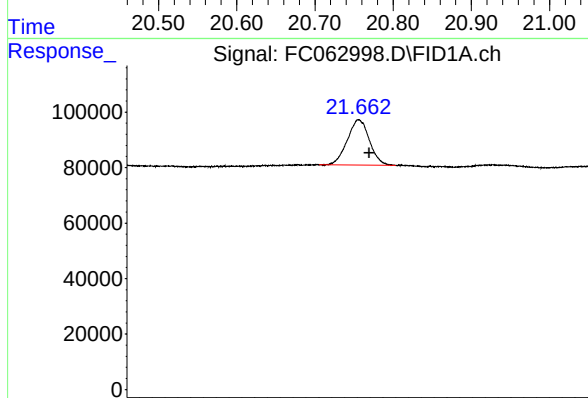
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 402069
Conc: 3.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.012 min
Response: 405902
Conc: 3.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.017 min
Response: 391077
Conc: 3.59 ug/ml