

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066863.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 10:21
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:22:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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...	12.961	4183890	37.418 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
Target Compounds			
1) T n-Nonane (C9)	3.283	313078	2.206 ug/ml
2) T n-Decane (C10)	4.350	386870	2.617 ug/ml
4) T n-Dodecane (C12)	6.368	538337	3.591 ug/ml
6) T n-Tetradecane (C14)	8.163	502156	3.432 ug/ml
7) T n-Hexadecane (C16)	9.763	456393	3.049 ug/ml
8) T n-Octadecane (C18)	11.205	465466	3.137 ug/ml
10) T n-Eicosane (C20)	12.514	473340	3.396 ug/ml
11) T n-Heneicosane (C21)	13.126	432618	3.176 ug/ml
13) T n-Docosane (C22)	13.711	451960	3.365 ug/ml
14) T n-Tetracosane (C24)	14.814	449799	3.382 ug/ml
15) T n-Hexacosane (C26)	15.834	457946	3.519 ug/ml
16) T n-Octacosane (C28)	16.783	428236	3.395 ug/ml
17) T n-Tricontane (C30)	17.671	442035	3.437 ug/ml
18) T n-Dotriacontane (C32)	18.503	448246	3.561 ug/ml
19) T n-Tetratriacontane (C34)	19.287	437900	3.540 ug/ml
20) T n-Hexatriacontane (C36)	20.026	414951	3.567 ug/ml
21) T n-Octatriacontane (C38)	20.756	398441	3.586 ug/ml
22) T n-Tetracontane (C40)	21.652	403546	3.712 ug/ml

(f)=RT Delta > 1/2 Window

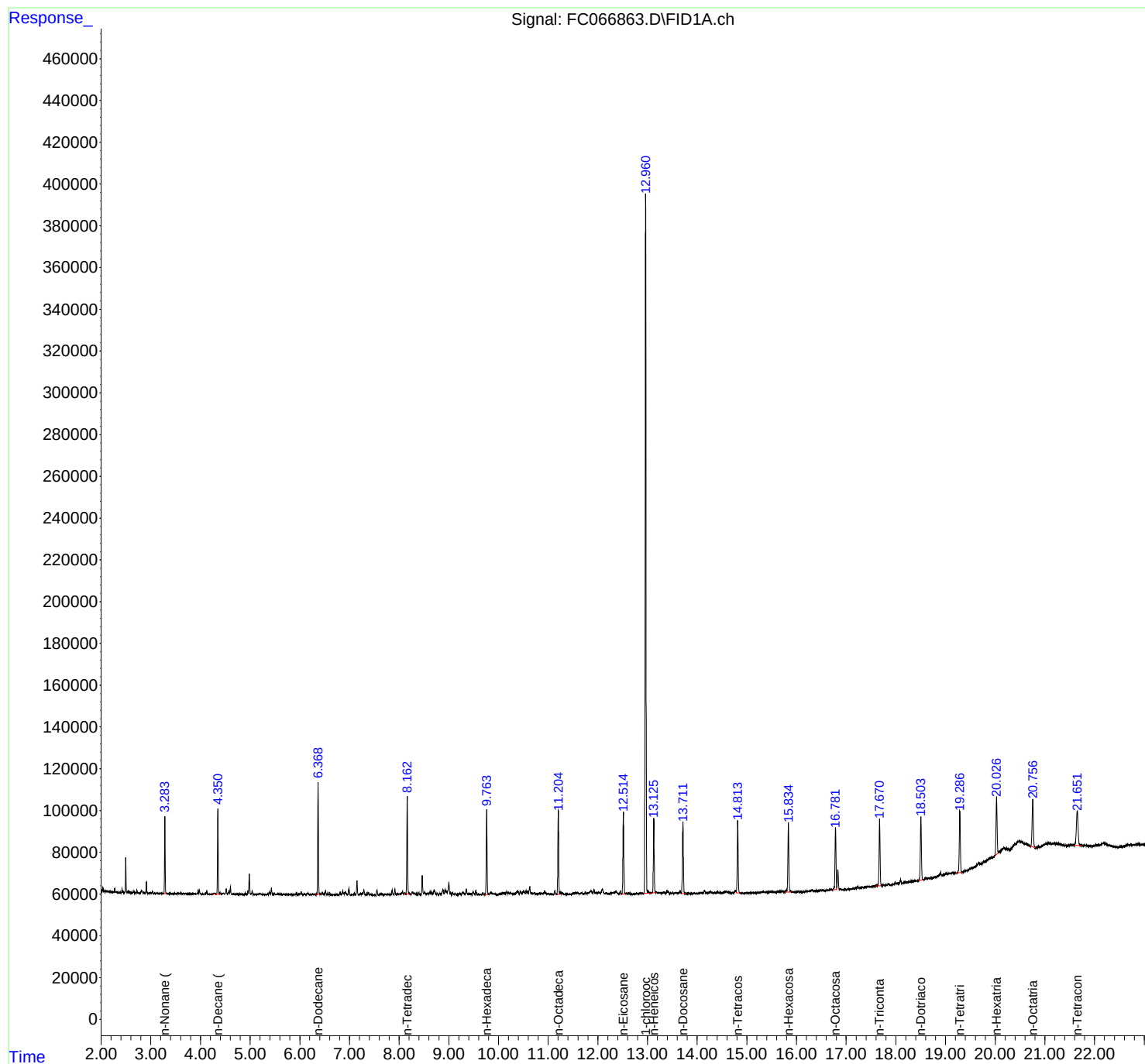
(m)=manual int.

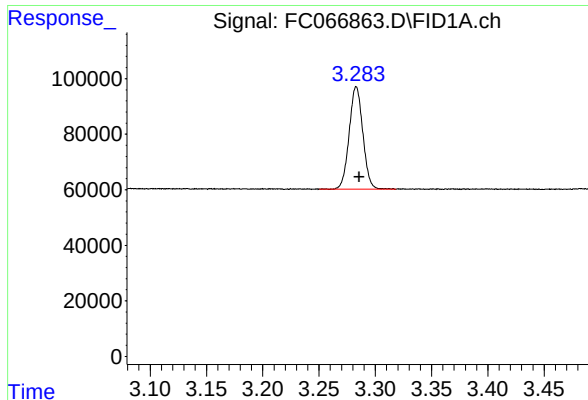
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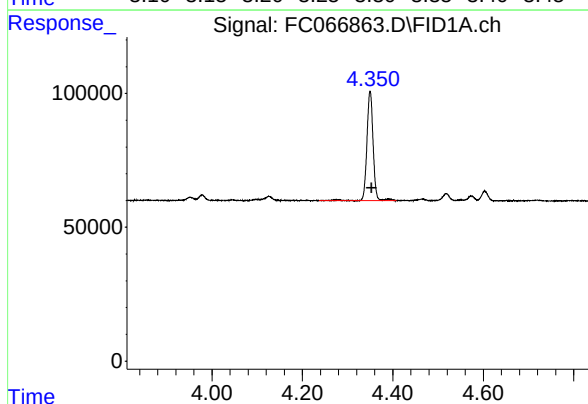




#1 n-Nonane (C9)

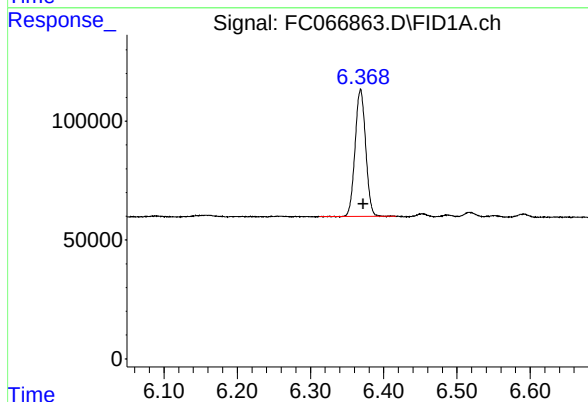
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 313078
Conc: 2.21 ug/ml

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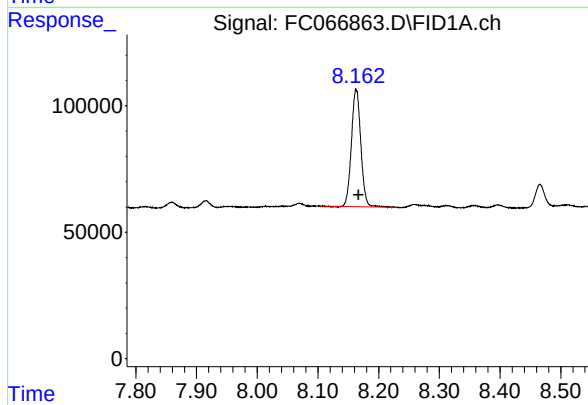
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 386870
Conc: 2.62 ug/ml



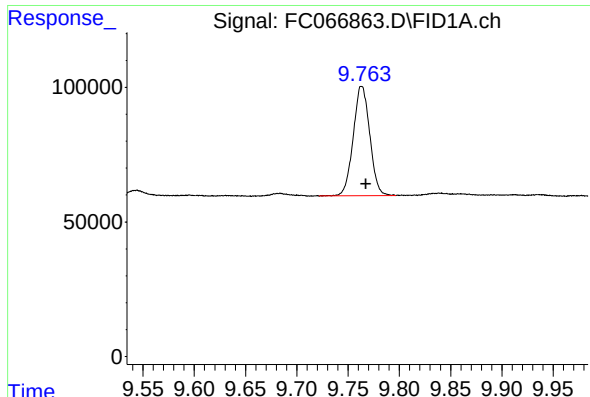
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 538337
Conc: 3.59 ug/ml



#6 n-Tetradecane (C14)

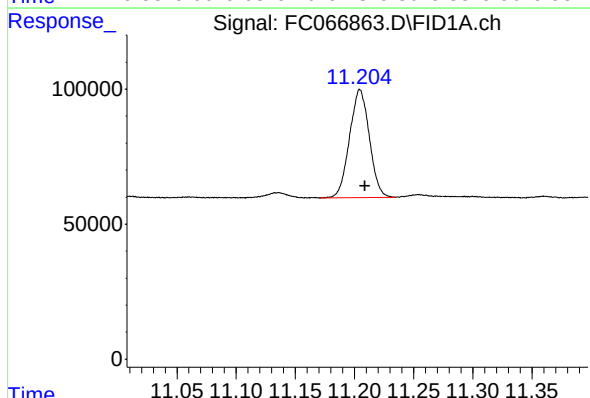
R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 502156
Conc: 3.43 ug/ml



#7 n-Hexadecane (C16)

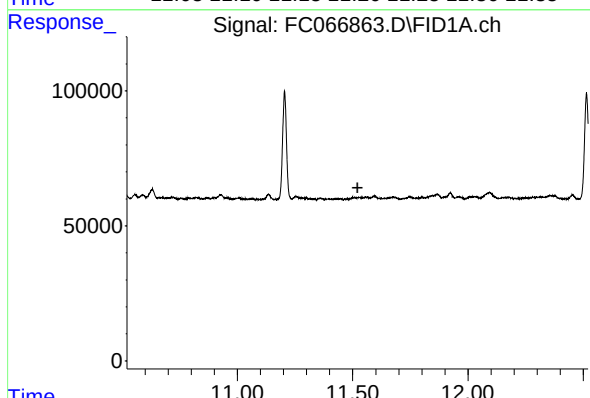
R.T.: 9.763 min
Delta R.T.: -0.004 min
Response: 456393
Conc: 3.05 ug/ml

Instrument :
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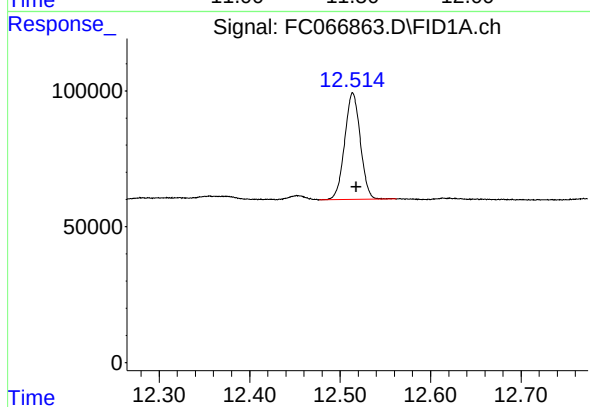
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 465466
Conc: 3.14 ug/ml



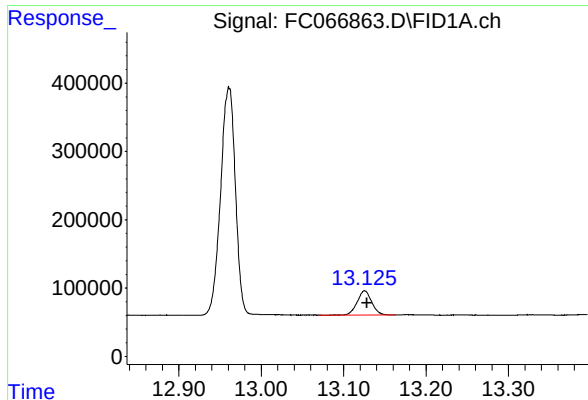
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

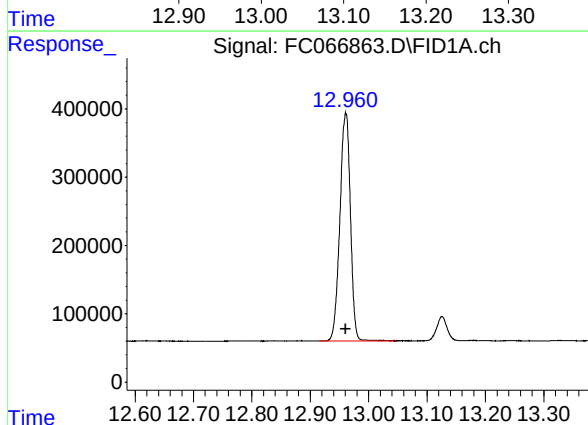
R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 473340
Conc: 3.40 ug/ml



#11 n-Heneicosane (C21)

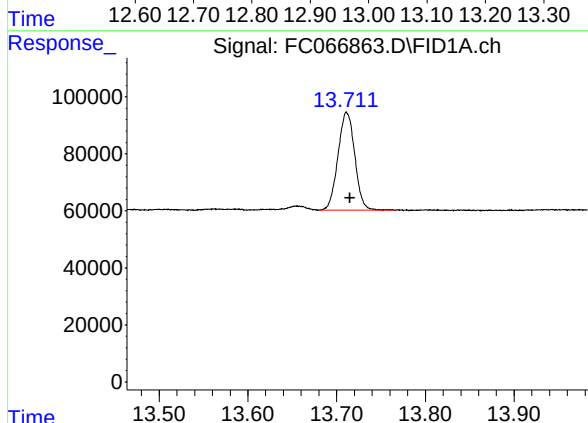
R.T.: 13.126 min
Delta R.T.: -0.003 min
Response: 432618
Conc: 3.18 ug/ml

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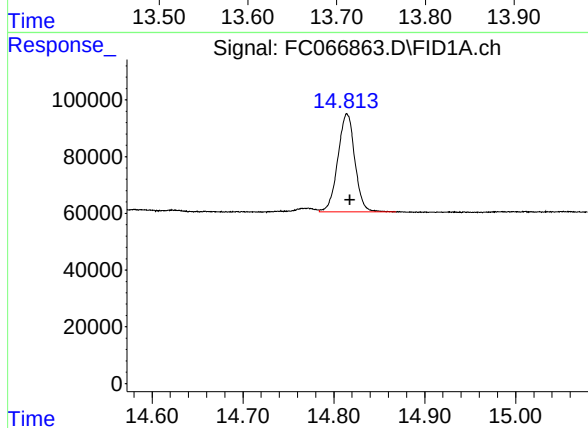
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 4183890
Conc: 37.42 ug/ml



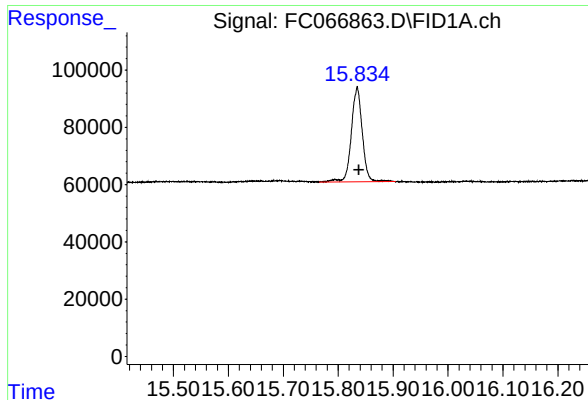
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.004 min
Response: 451960
Conc: 3.36 ug/ml



#14 n-Tetracosane (C24)

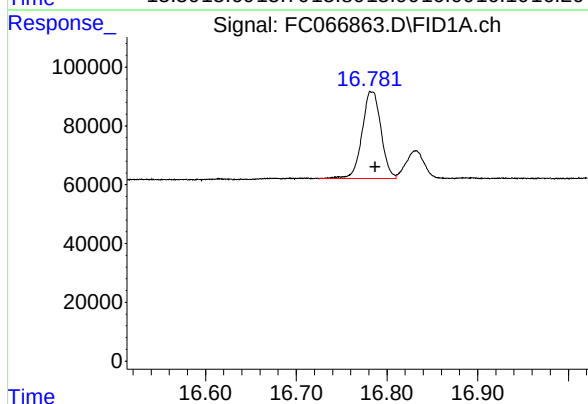
R.T.: 14.814 min
Delta R.T.: -0.003 min
Response: 449799
Conc: 3.38 ug/ml



#15 n-Hexacosane (C26)

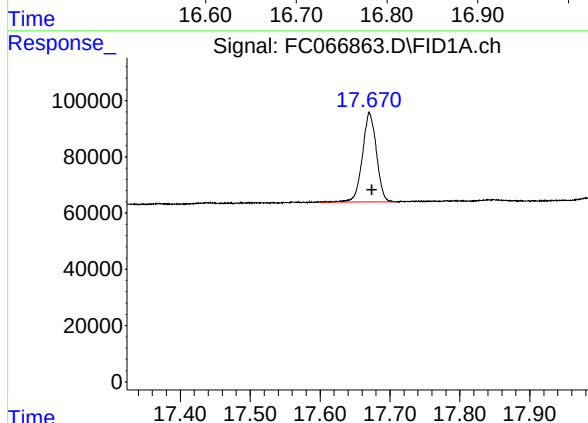
R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 457946
Conc: 3.52 ug/ml

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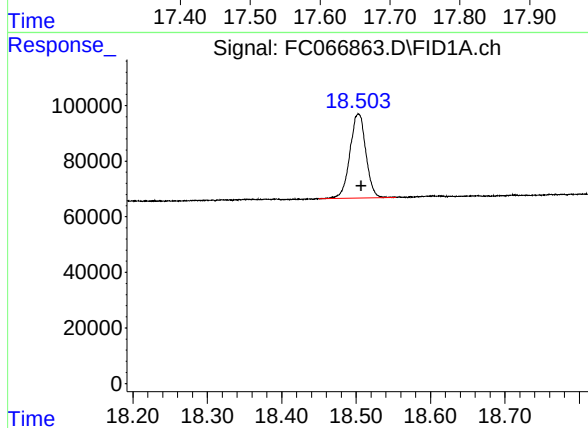
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.004 min
Response: 428236
Conc: 3.39 ug/ml



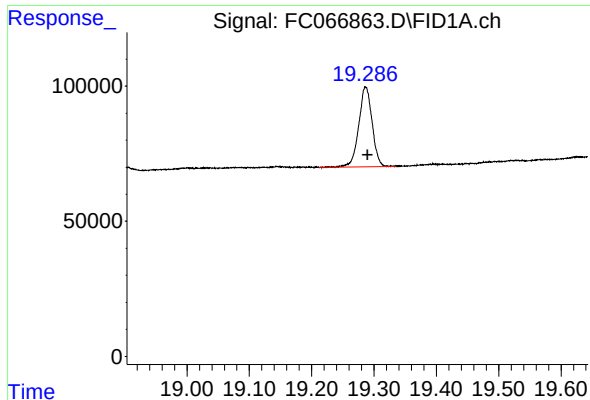
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.003 min
Response: 442035
Conc: 3.44 ug/ml



#18 n-Dotriacontane (C32)

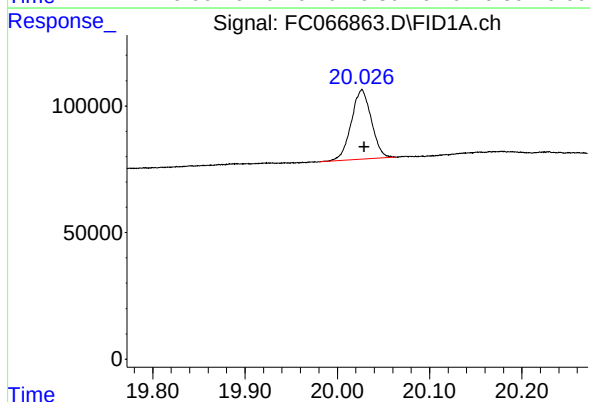
R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 448246
Conc: 3.56 ug/ml



#19 n-Tetratriacontane (C34)

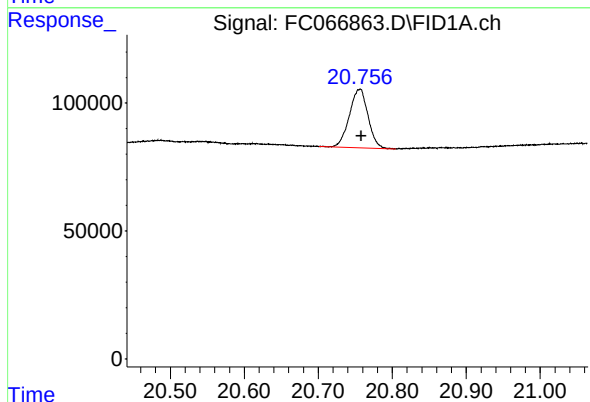
R.T.: 19.287 min
Delta R.T.: -0.003 min
Response: 437900
Conc: 3.54 ug/ml

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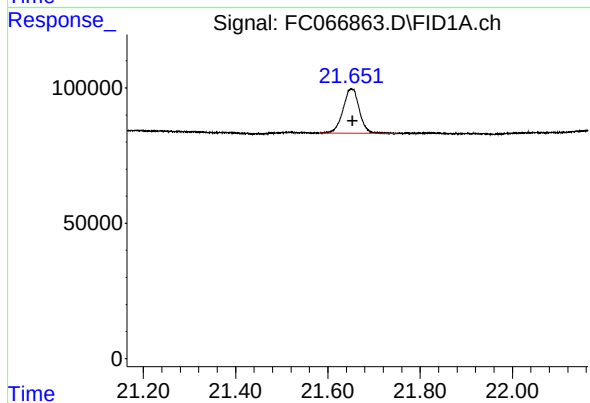
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 414951
Conc: 3.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.003 min
Response: 398441
Conc: 3.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: -0.003 min
Response: 403546
Conc: 3.71 ug/ml