

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
 Data File : FC050313.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2020 12:13
 Operator : DD\AJ
 Sample : L4214-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Integration File: autoint1.e
 Quant Time: Oct 24 02:23:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.061	2824566	32.607 ug/ml
Spiked Amount 50.000		Recovery =	65.21%
Target Compounds			
1) T n-Nonane (C9)	3.373	323182	3.261 ug/ml
2) T n-Decane (C10)	4.444	398242	4.000 ug/ml
4) T n-Dodecane (C12)	6.464	459652	4.555 ug/ml
6) T n-Tetradecane (C14)	8.261	485577	4.847 ug/ml
7) T n-Hexadecane (C16)	9.862	458408	4.651 ug/ml
8) T n-Octadecane (C18)	11.304	493628	4.780 ug/ml
10) T n-Eicosane (C20)	12.614	500200	4.807 ug/ml
11) T n-Heneicosane (C21)	13.225	482484	4.643 ug/ml
13) T n-Docosane (C22)	13.811	490358	4.724 ug/ml
14) T n-Tetracosane (C24)	14.912	493937	4.755 ug/ml
15) T n-Hexacosane (C26)	15.934	472725	4.587 ug/ml
16) T n-Octacosane (C28)	16.882	469406	4.536 ug/ml
17) T n-Tricontane (C30)	17.769	468445	4.590 ug/ml
18) T n-Dotriacontane (C32)	18.600	461366	4.803 ug/ml
19) T n-Tetratriacontane (C34)	19.381	469430	5.118 ug/ml
20) T n-Hexatriacontane (C36)	20.120	435322	4.915 ug/ml
21) T n-Octatriacontane (C38)	20.864	404101	4.901 ug/ml
22) T n-Tetracontane (C40)	21.798	394984	4.724 ug/ml

(f)=RT Delta > 1/2 Window

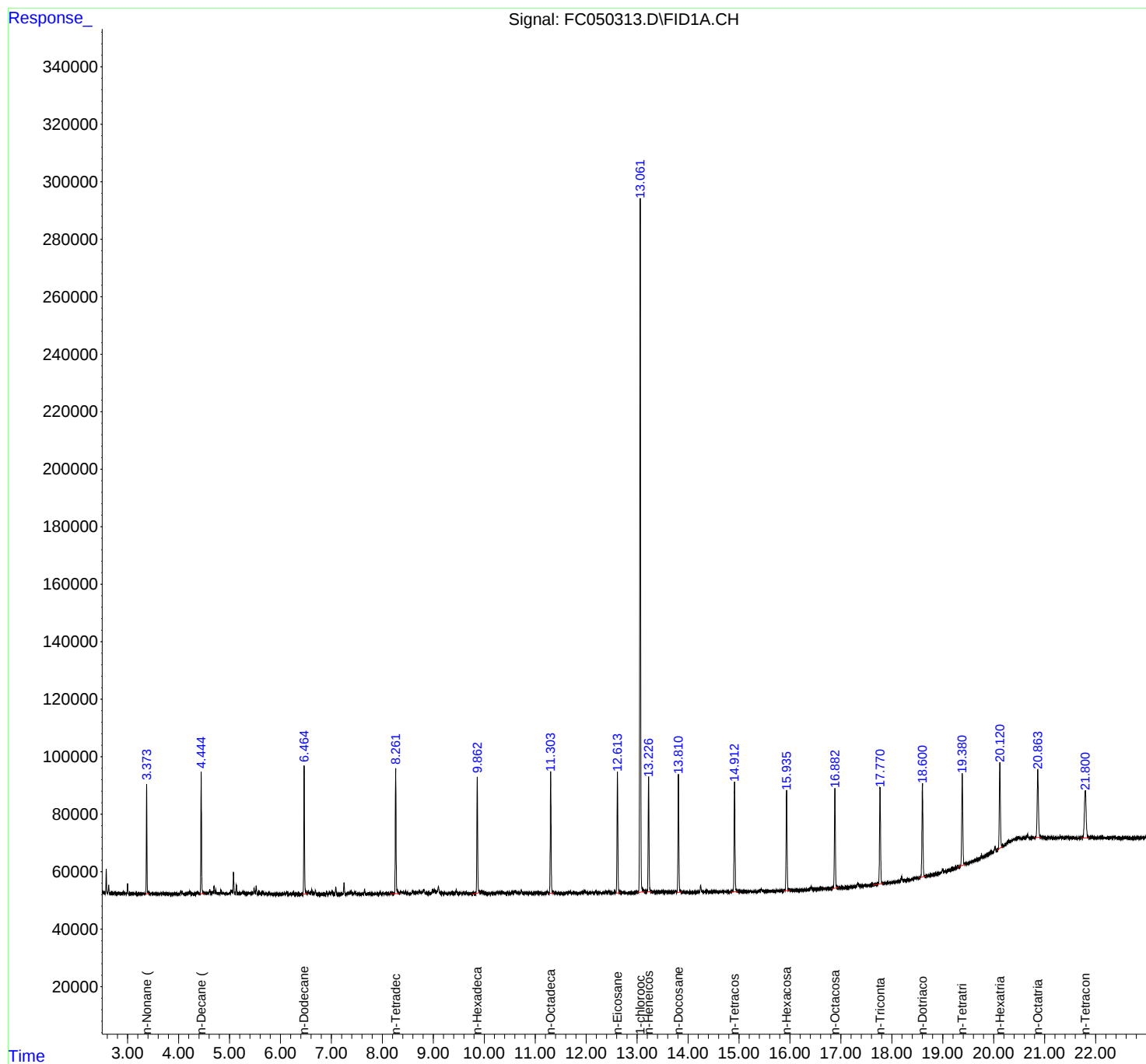
(m)=manual int.

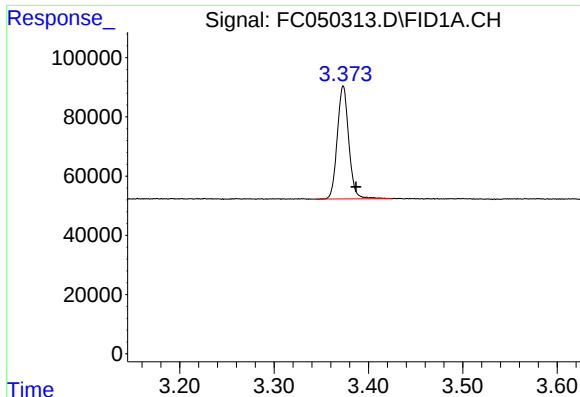
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
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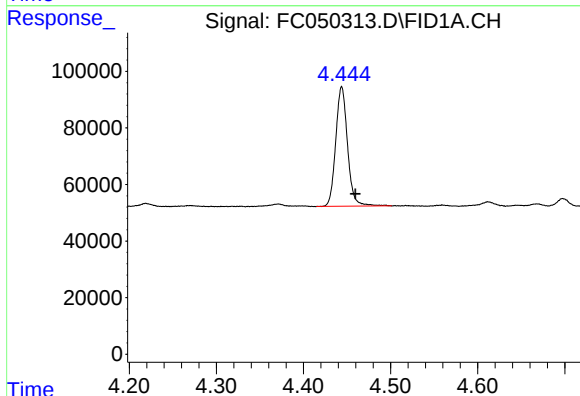




#1 n-Nonane (C9)

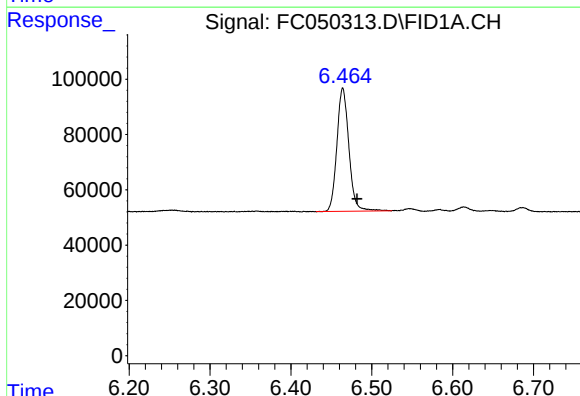
R.T.: 3.373 min
Delta R.T.: -0.014 min
Response: 323182
Conc: 3.26 ug/ml

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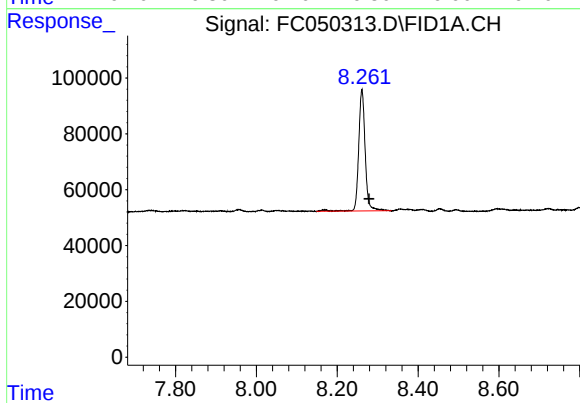
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.016 min
Response: 398242
Conc: 4.00 ug/ml



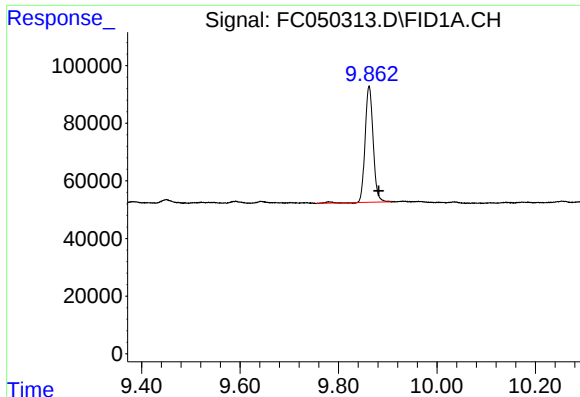
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.018 min
Response: 459652
Conc: 4.56 ug/ml



#6 n-Tetradecane (C14)

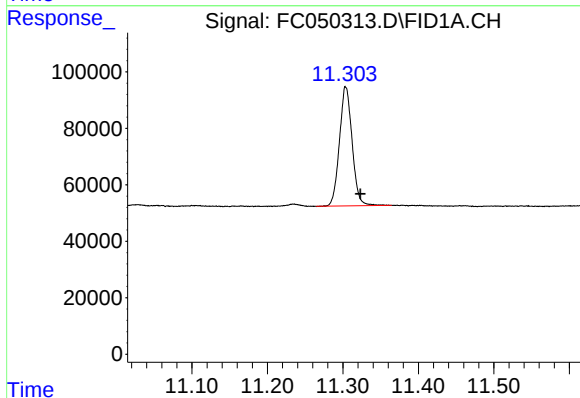
R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 485577
Conc: 4.85 ug/ml



#7 n-Hexadecane (C16)

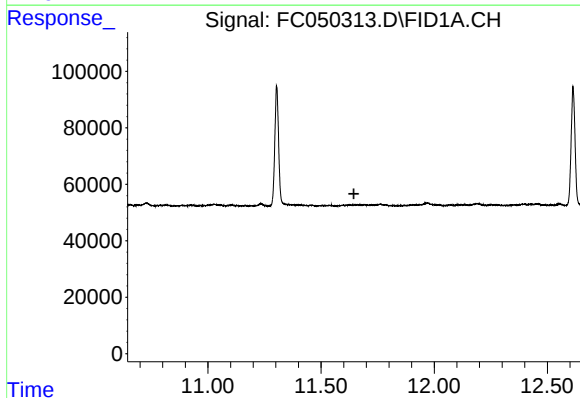
R.T.: 9.862 min
Delta R.T.: -0.019 min
Response: 458408
Conc: 4.65 ug/ml

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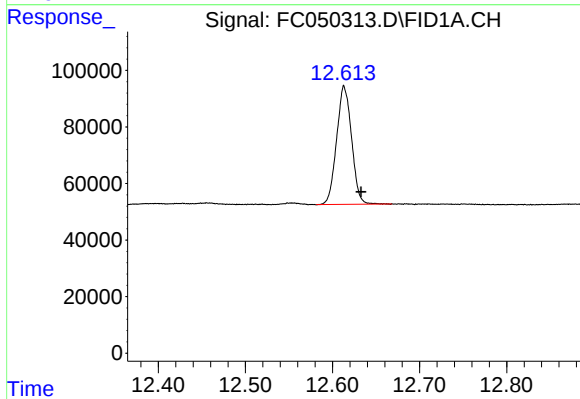
#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 493628
Conc: 4.78 ug/ml



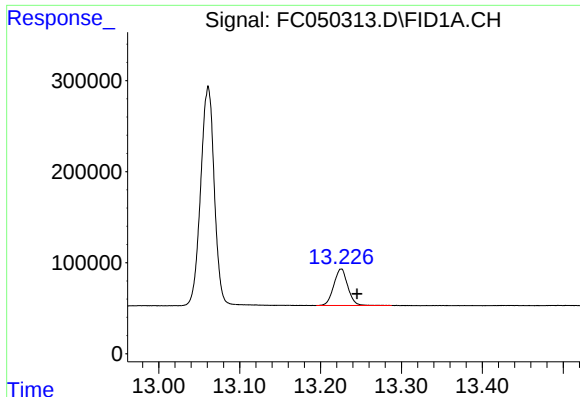
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

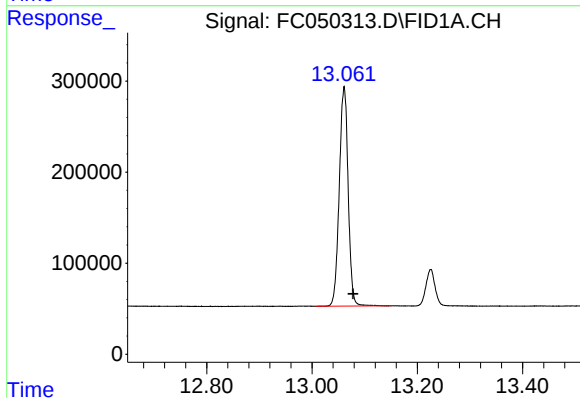
R.T.: 12.614 min
Delta R.T.: -0.019 min
Response: 500200
Conc: 4.81 ug/ml



#11 n-Heneicosane (C21)

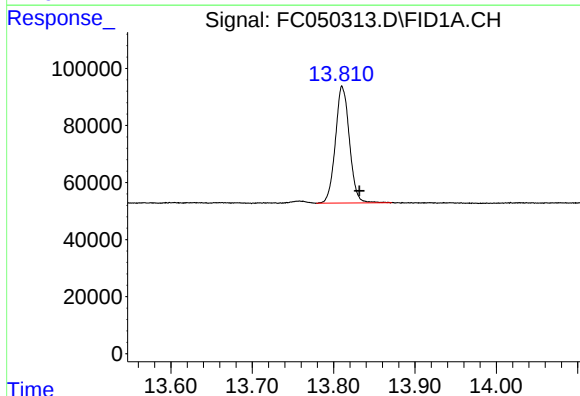
R.T.: 13.225 min
Delta R.T.: -0.020 min
Response: 482484
Conc: 4.64 ug/ml

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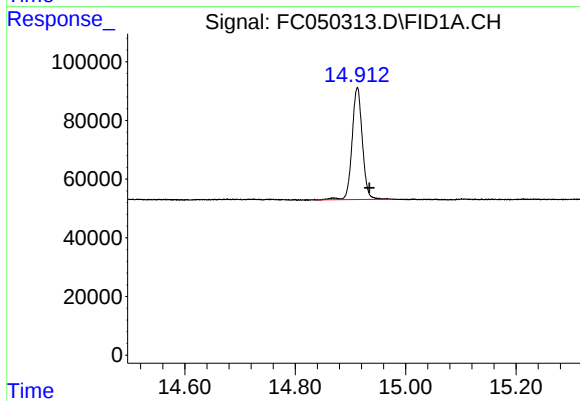
#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.018 min
Response: 2824566
Conc: 32.61 ug/ml



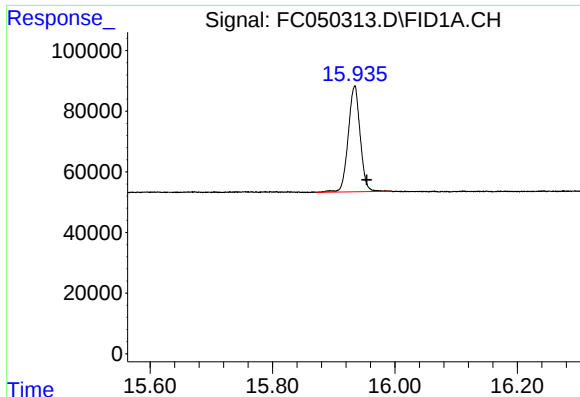
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.021 min
Response: 490358
Conc: 4.72 ug/ml



#14 n-Tetracosane (C24)

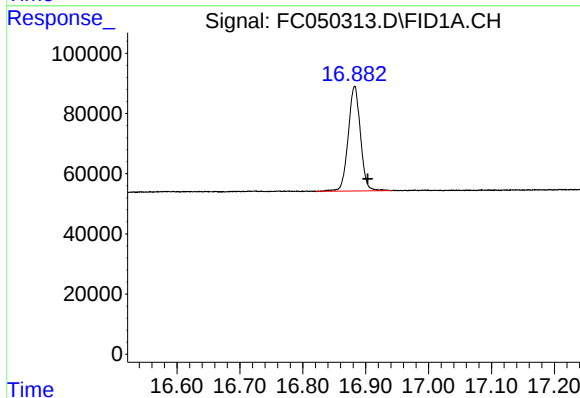
R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 493937
Conc: 4.76 ug/ml



#15 n-Hexacosane (C26)

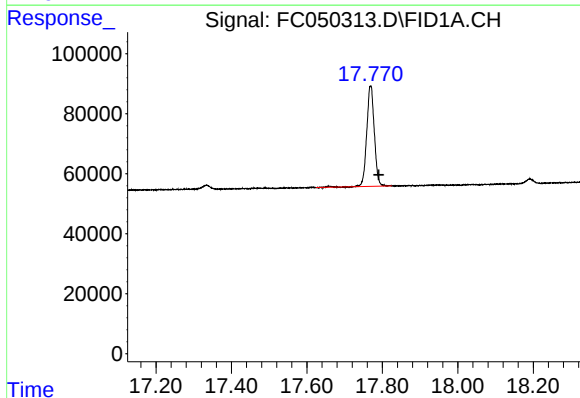
R.T.: 15.934 min
Delta R.T.: -0.020 min
Response: 472725
Conc: 4.59 ug/ml

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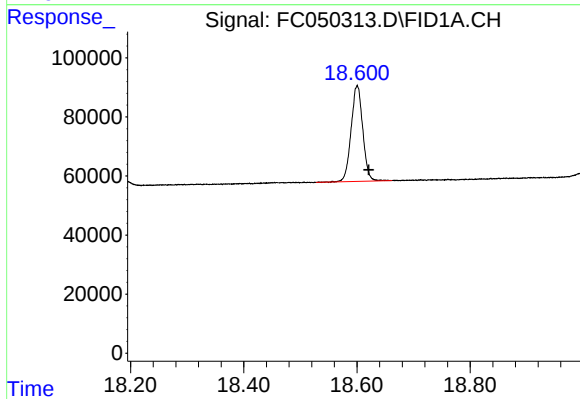
#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.021 min
Response: 469406
Conc: 4.54 ug/ml



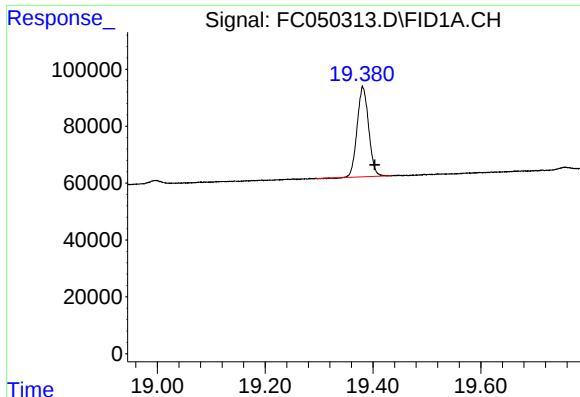
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.022 min
Response: 468445
Conc: 4.59 ug/ml



#18 n-Dotriacontane (C32)

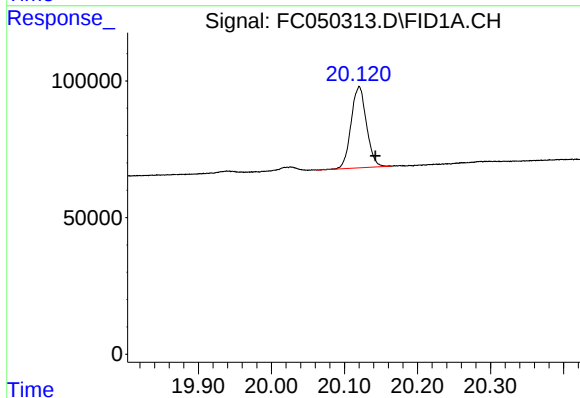
R.T.: 18.600 min
Delta R.T.: -0.020 min
Response: 461366
Conc: 4.80 ug/ml



#19 n-Tetratriacontane (C34)

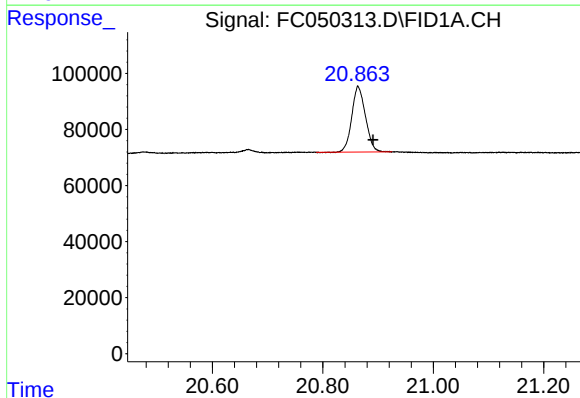
R.T.: 19.381 min
Delta R.T.: -0.022 min
Response: 469430
Conc: 5.12 ug/ml

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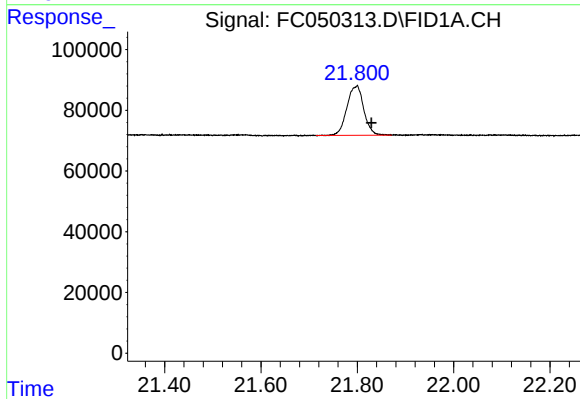
#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 435322
Conc: 4.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.027 min
Response: 404101
Conc: 4.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: -0.031 min
Response: 394984
Conc: 4.72 ug/ml