

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066372.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 11:53
 Operator : YP/AJ
 Sample : P2415-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1011UMR-SS005-0212-01MS

Integration File: autoint1.e
 Quant Time: May 11 00:53:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.001	4241042	34.576 ug/ml
Spiked Amount 50.000		Recovery =	69.15%
Target Compounds			
1) T n-Nonane (C9)	3.315	3847534	25.475 ug/ml
2) T n-Decane (C10)	4.383	4820631	31.347 ug/ml
4) T n-Dodecane (C12)	6.405	5762186	37.494 ug/ml
6) T n-Tetradecane (C14)	8.203	6450191	42.621 ug/ml
7) T n-Hexadecane (C16)	9.806	7053352	46.128 ug/ml
8) T n-Octadecane (C18)	11.249	7403181	48.772 ug/ml
10) T n-Eicosane (C20)	12.560	7380513	51.305 ug/ml
11) T n-Heneicosane (C21)	13.172	7100211	50.511 ug/ml
13) T n-Docosane (C22)	13.758	7022082	50.155 ug/ml
14) T n-Tetracosane (C24)	14.861	6850879	48.664 ug/ml
15) T n-Hexacosane (C26)	15.883	6699358	48.977 ug/ml
16) T n-Octacosane (C28)	16.833	6578446	49.122 ug/ml
17) T n-Tricontane (C30)	17.722	6587118	48.879 ug/ml
18) T n-Dotriacontane (C32)	18.555	6398604	49.695 ug/ml
19) T n-Tetratriacontane (C34)	19.339	6354151	53.705 ug/ml
20) T n-Hexatriacontane (C36)	20.080	6210842	54.033 ug/ml
21) T n-Octatriacontane (C38)	20.816	6092140	56.600 ug/ml
22) T n-Tetracontane (C40)	21.728	5857061	54.620 ug/ml

(f)=RT Delta > 1/2 Window

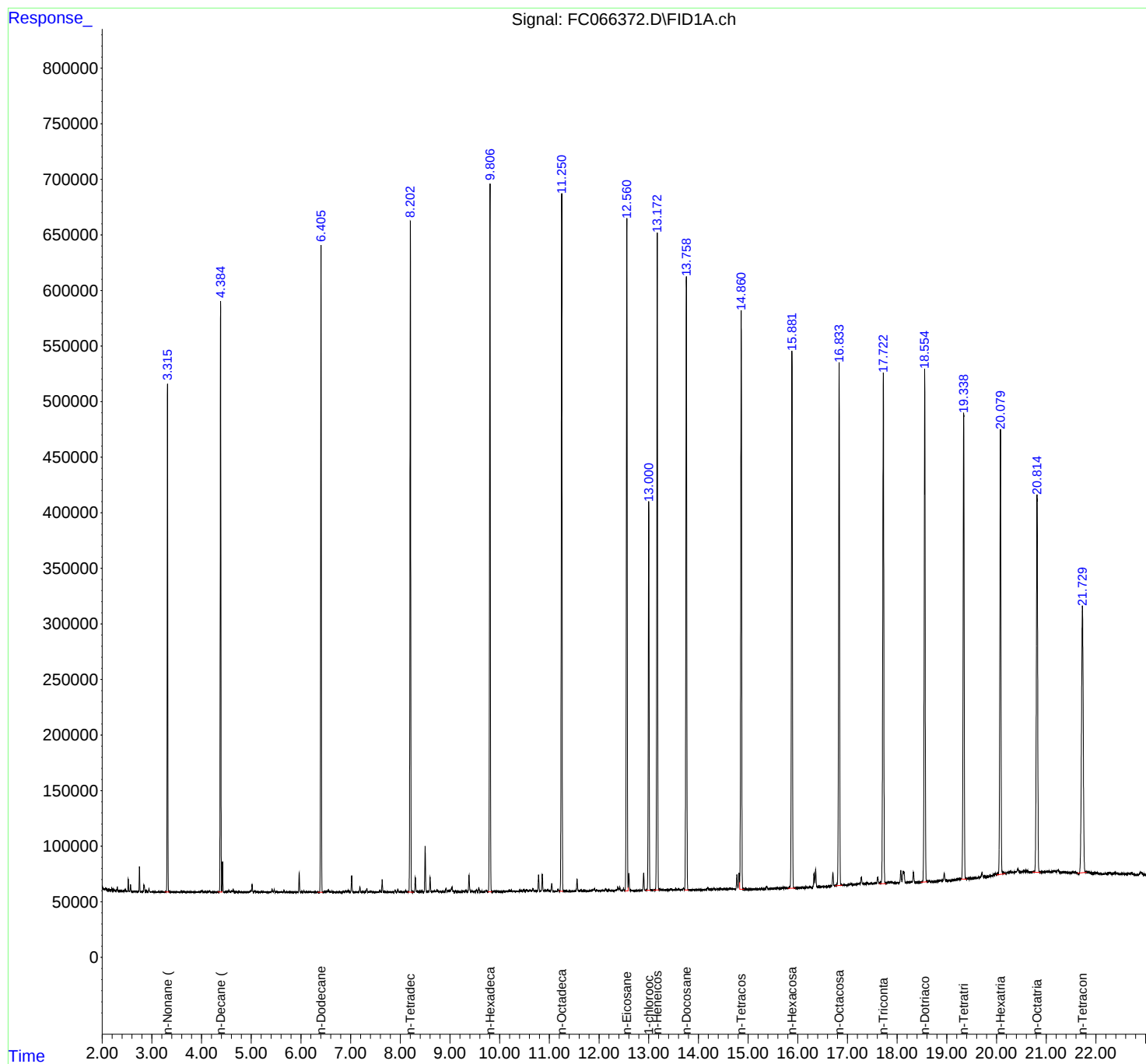
(m)=manual int.

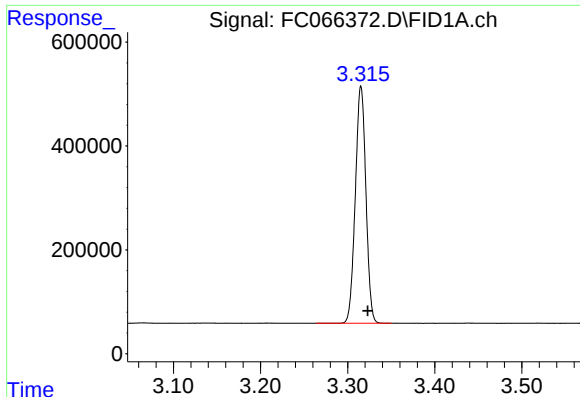
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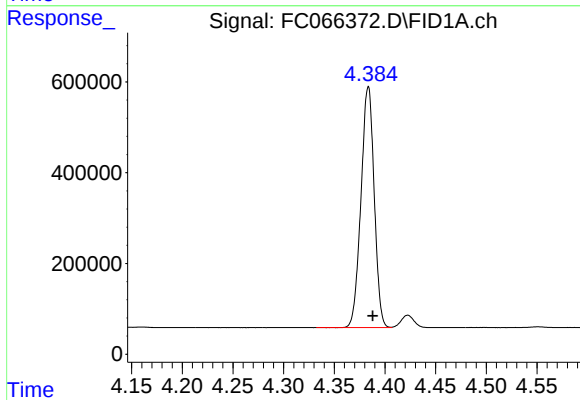




#1 n-Nonane (C9)

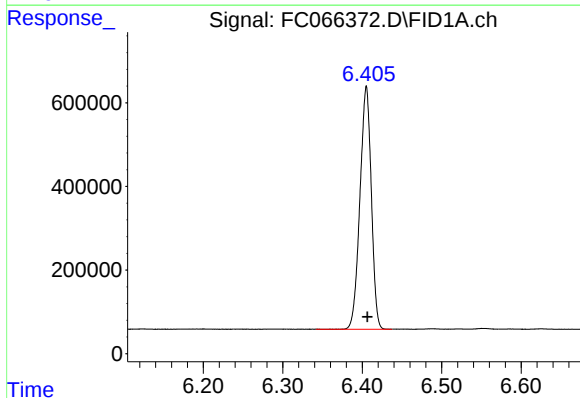
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3847534
Conc: 25.48 ug/ml

Instrument :
FID_C
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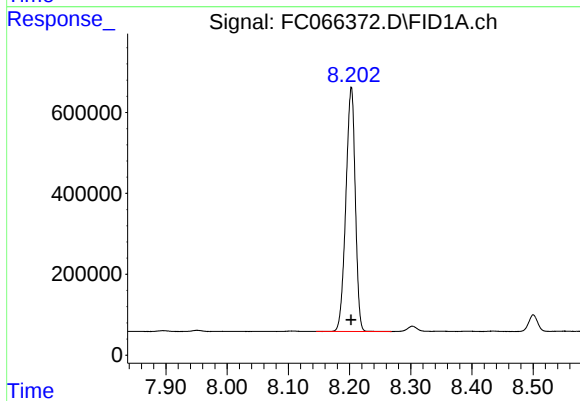
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 4820631
Conc: 31.35 ug/ml



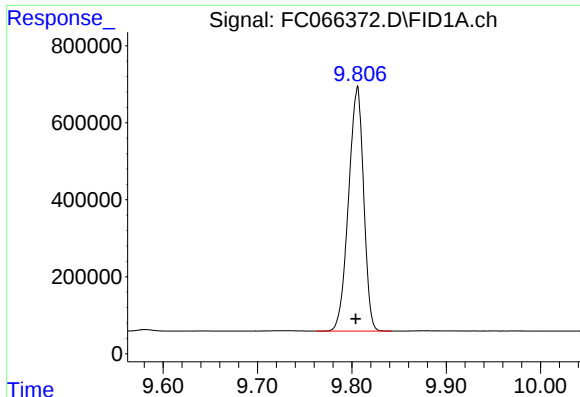
#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 5762186
Conc: 37.49 ug/ml



#6 n-Tetradecane (C14)

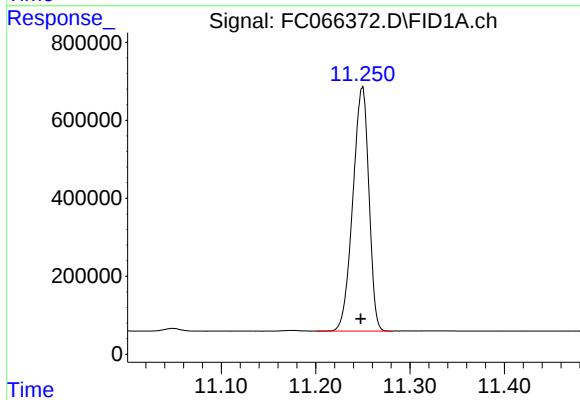
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 6450191
Conc: 42.62 ug/ml



#7 n-Hexadecane (C16)

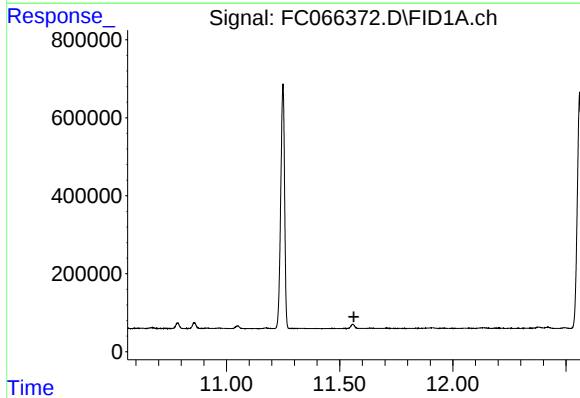
R.T.: 9.806 min
Delta R.T.: 0.001 min
Response: 7053352
Conc: 46.13 ug/ml

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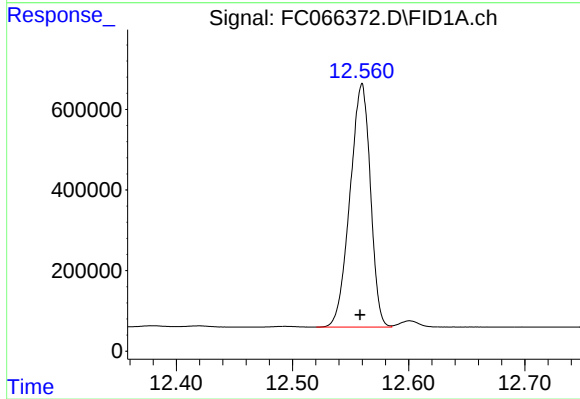
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: 0.001 min
Response: 7403181
Conc: 48.77 ug/ml



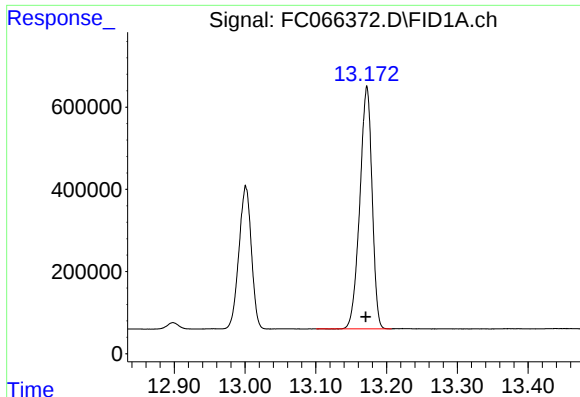
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

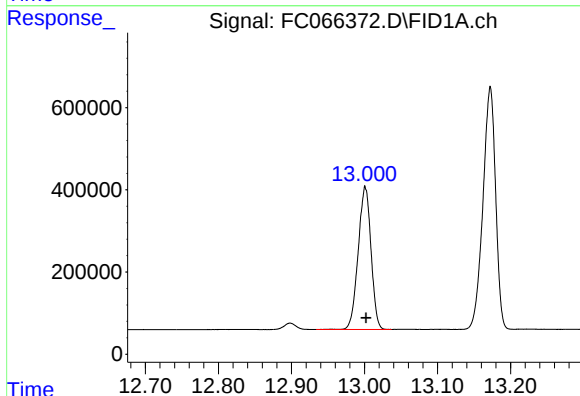
R.T.: 12.560 min
Delta R.T.: 0.001 min
Response: 7380513
Conc: 51.31 ug/ml



#11 n-Heneicosane (C21)

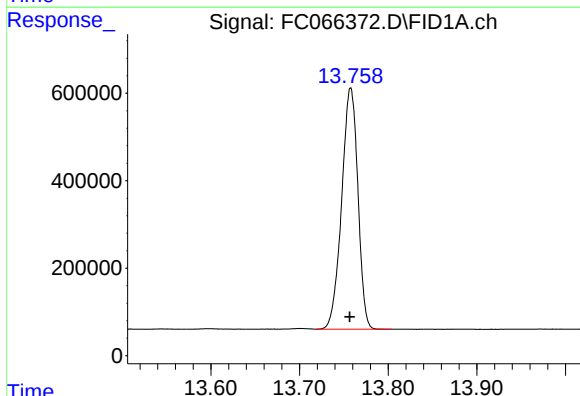
R.T.: 13.172 min
Delta R.T.: 0.002 min
Response: 7100211
Conc: 50.51 ug/ml

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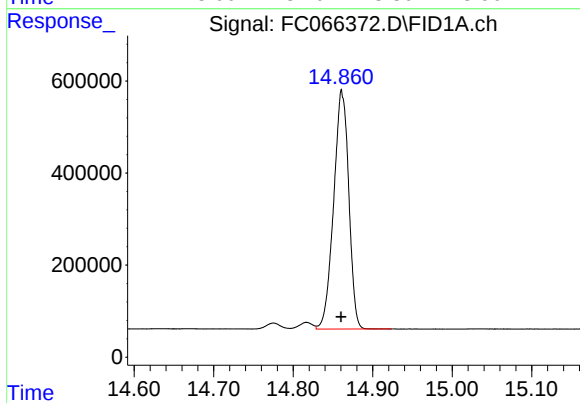
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 4241042
Conc: 34.58 ug/ml



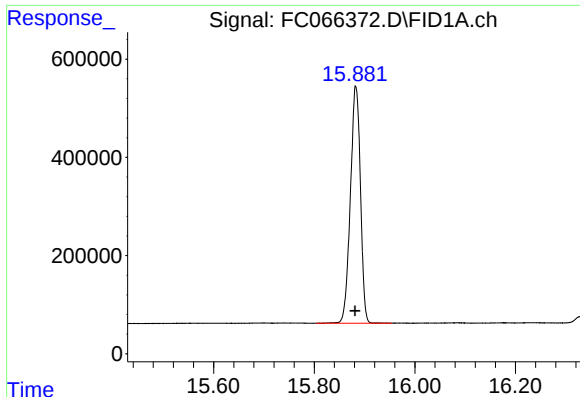
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: 0.000 min
Response: 7022082
Conc: 50.16 ug/ml



#14 n-Tetracosane (C24)

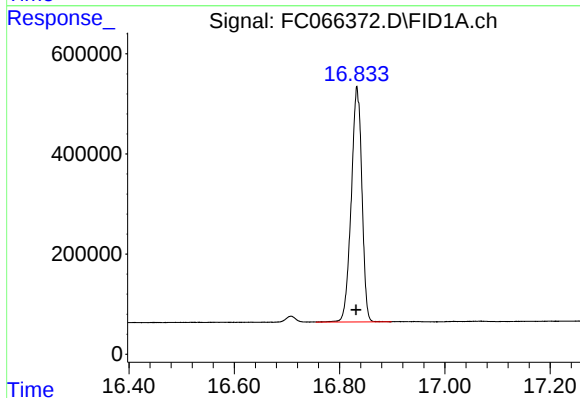
R.T.: 14.861 min
Delta R.T.: 0.001 min
Response: 6850879
Conc: 48.66 ug/ml



#15 n-Hexacosane (C26)

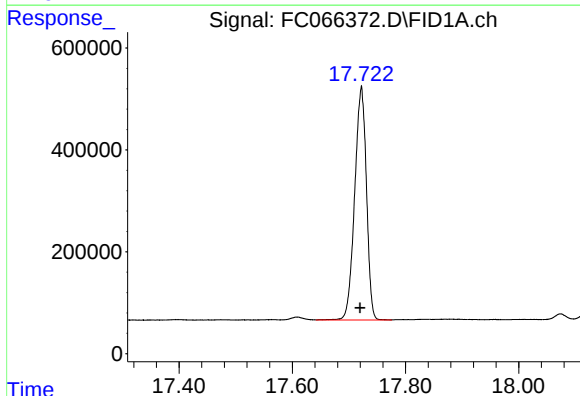
R.T.: 15.883 min
Delta R.T.: 0.002 min
Response: 6699358
Conc: 48.98 ug/ml

Instrument :
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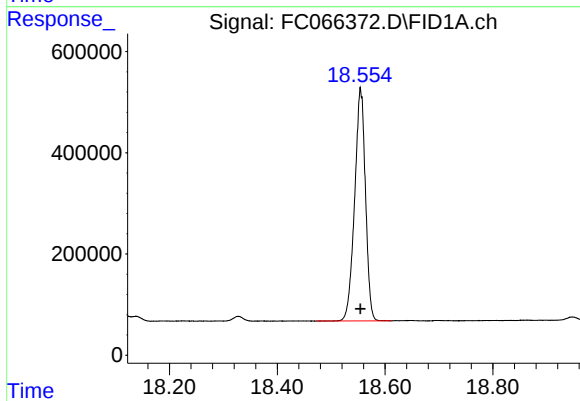
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.002 min
Response: 6578446
Conc: 49.12 ug/ml



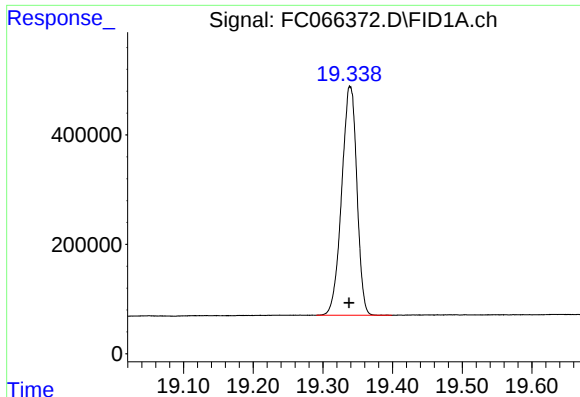
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: 0.002 min
Response: 6587118
Conc: 48.88 ug/ml



#18 n-Dotriacontane (C32)

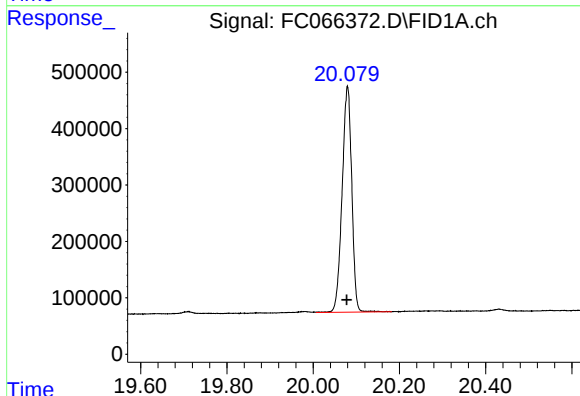
R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 6398604
Conc: 49.70 ug/ml



#19 n-Tetratriacontane (C34)

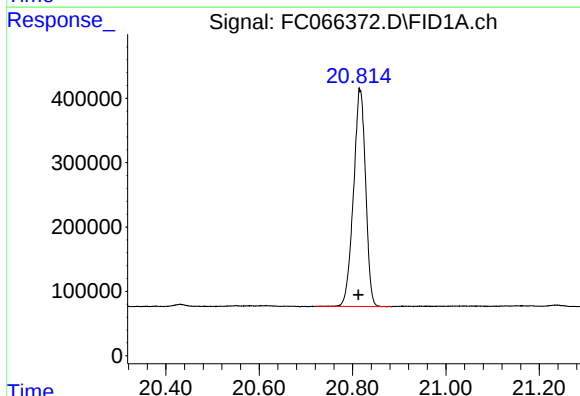
R.T.: 19.339 min
Delta R.T.: 0.001 min
Response: 6354151
Conc: 53.71 ug/ml

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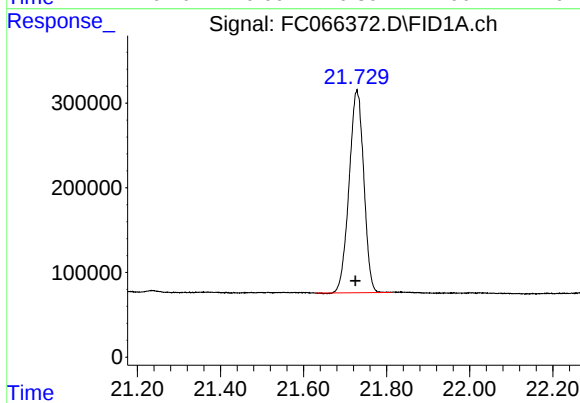
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: 0.002 min
Response: 6210842
Conc: 54.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: 0.003 min
Response: 6092140
Conc: 56.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.003 min
Response: 5857061
Conc: 54.62 ug/ml