

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100623AL\
 Data File : FC064768.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 20:23
 Operator : YP/AJ
 Sample : 04733-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20231004-WC1MS

Integration File: autoint1.e
 Quant Time: Oct 07 02:38:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.955	6354234	43.625 ug/ml
Spiked Amount 50.000		Recovery =	87.25%
Target Compounds			
1) T n-Nonane (C9)	3.325	4611246	26.094 ug/ml
2) T n-Decane (C10)	4.384	5751734	32.017 ug/ml
4) T n-Dodecane (C12)	6.393	7463022	41.087 ug/ml
6) T n-Tetradecane (C14)	8.180	9129134	51.450 ug/ml
7) T n-Hexadecane (C16)	9.775	10685456	59.444 ug/ml
8) T n-Octadecane (C18)	11.211	11045367	61.006 ug/ml
10) T n-Eicosane (C20)	12.515	10169599	59.702 ug/ml
11) T n-Heneicosane (C21)	13.124	9316828	56.252 ug/ml
13) T n-Docosane (C22)	13.707	8774347	53.860 ug/ml
14) T n-Tetracosane (C24)	14.804	8150063	51.336 ug/ml
15) T n-Hexacosane (C26)	15.820	7677840	50.298 ug/ml
16) T n-Octacosane (C28)	16.765	7407096	50.049 ug/ml
17) T n-Tricontane (C30)	17.648	7204342	48.496 ug/ml
18) T n-Dotriacontane (C32)	18.474	6803862	46.621 ug/ml
19) T n-Tetratriacontane (C34)	19.257	6740173	47.410 ug/ml
20) T n-Hexatriacontane (C36)	19.992	6362374	46.193 ug/ml
21) T n-Octatriacontane (C38)	20.713	6090446	44.440 ug/ml
22) T n-Tetracontane (C40)	21.595	5887737	43.283 ug/ml

(f)=RT Delta > 1/2 Window

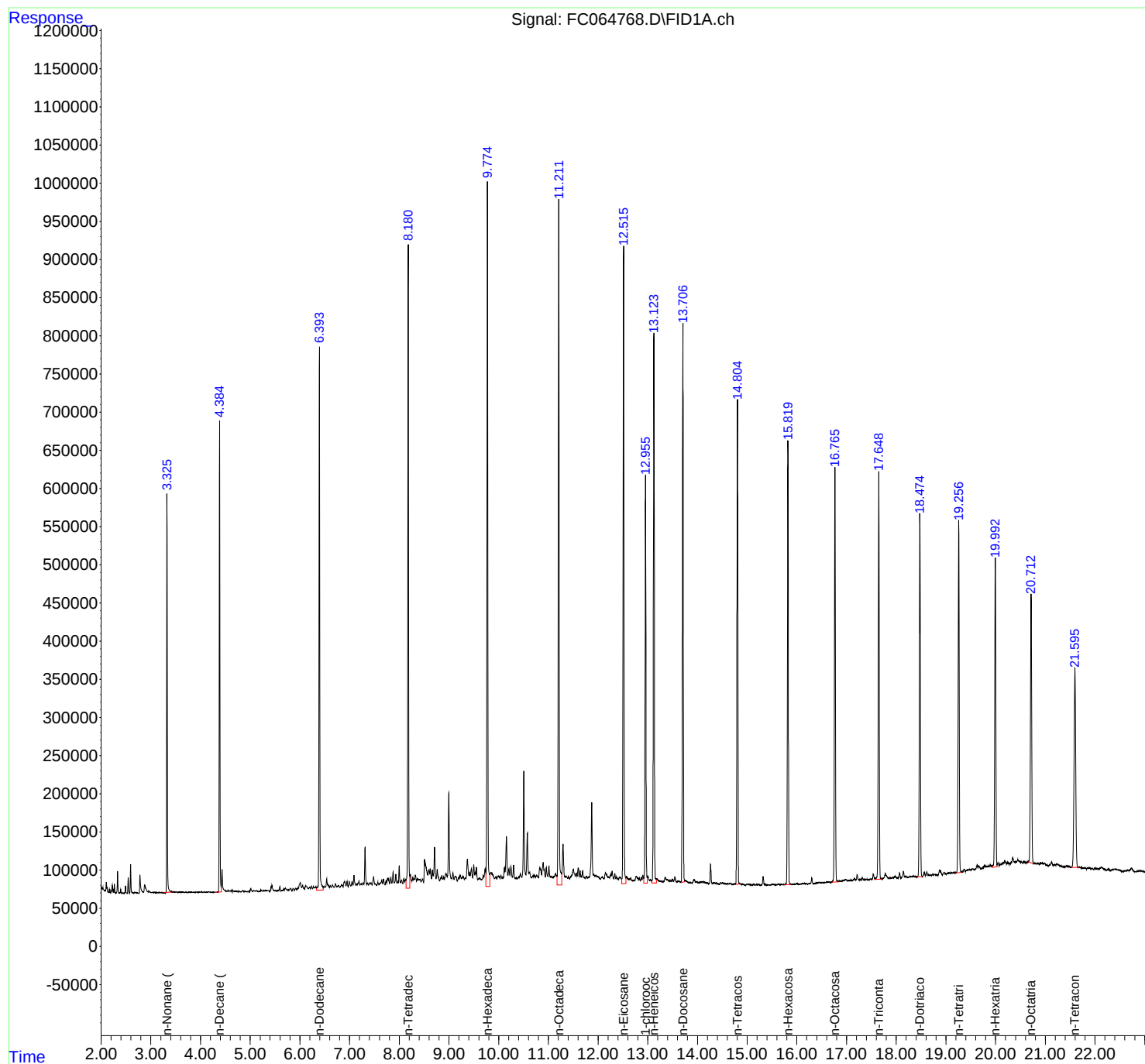
(m)=manual int.

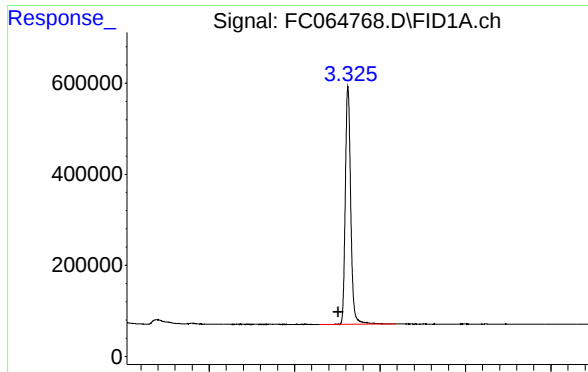
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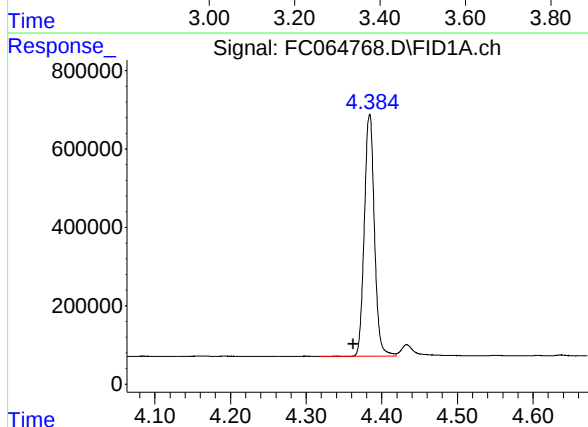




#1 n-Nonane (C9)

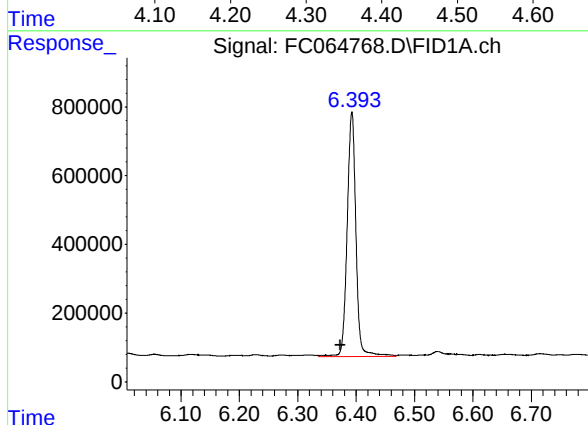
R.T.: 3.325 min
Delta R.T.: 0.023 min
Response: 4611246
Conc: 26.09 ug/ml

Instrument :
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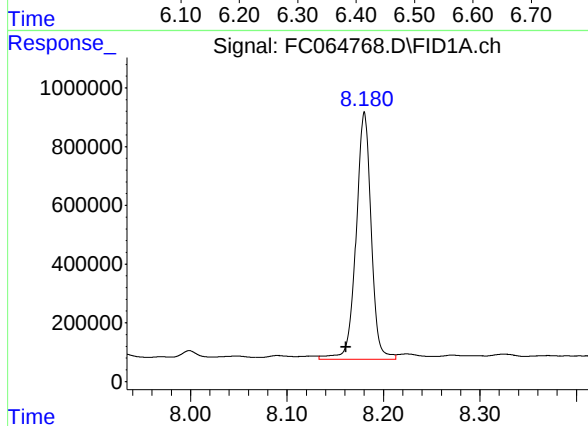
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.022 min
Response: 5751734
Conc: 32.02 ug/ml



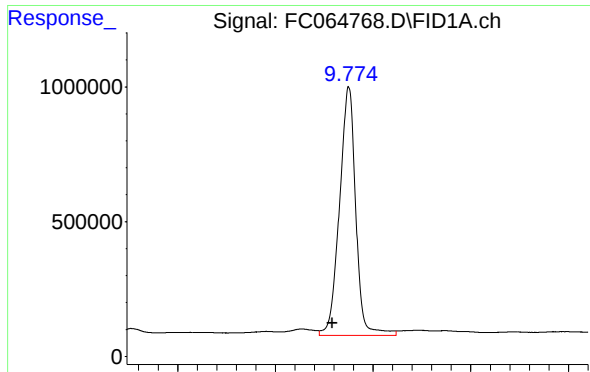
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.020 min
Response: 7463022
Conc: 41.09 ug/ml



#6 n-Tetradecane (C14)

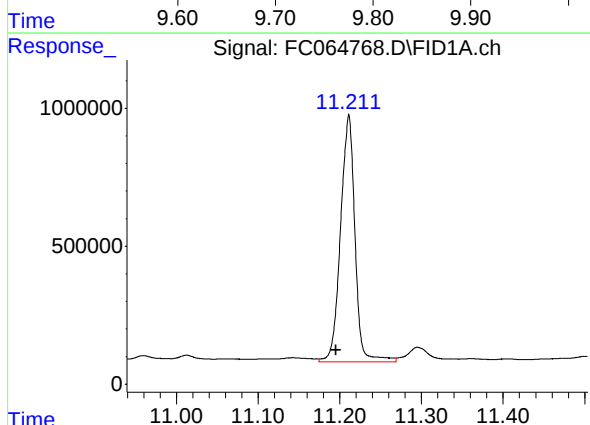
R.T.: 8.180 min
Delta R.T.: 0.019 min
Response: 9129134
Conc: 51.45 ug/ml



#7 n-Hexadecane (C16)

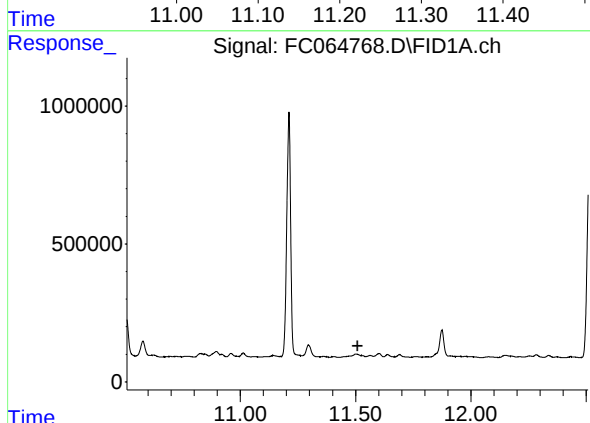
R.T.: 9.775 min
Delta R.T.: 0.017 min
Response: 10685456
Conc: 59.44 ug/ml

Instrument :
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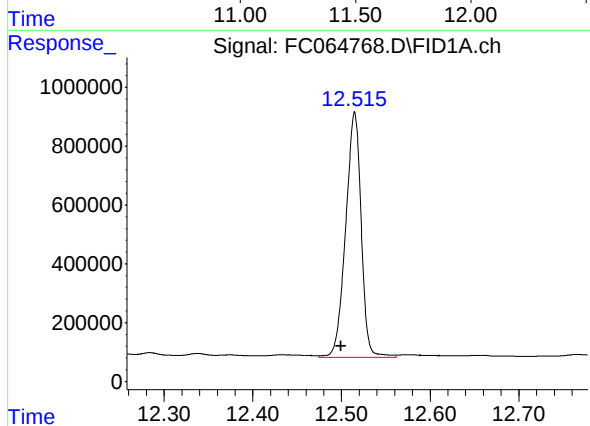
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.016 min
Response: 11045367
Conc: 61.01 ug/ml



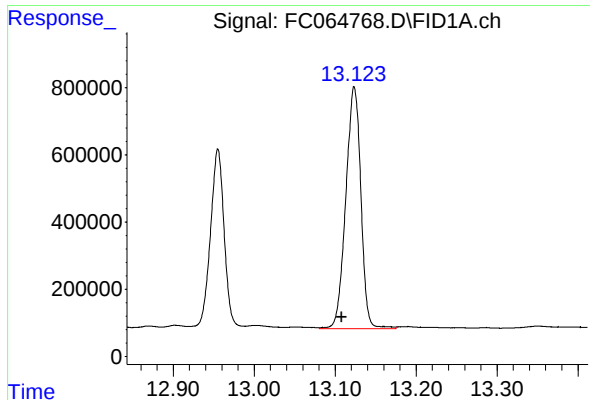
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

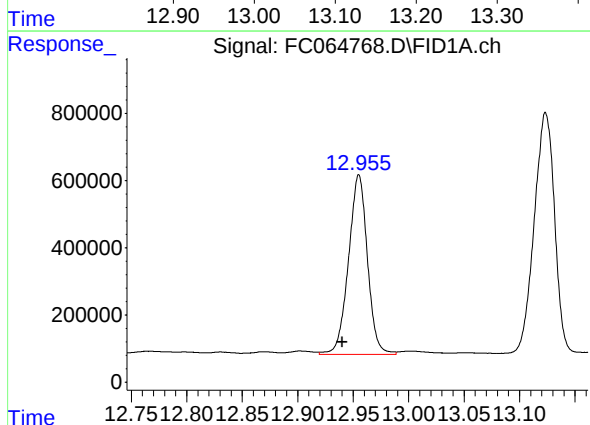
R.T.: 12.515 min
Delta R.T.: 0.016 min
Response: 10169599
Conc: 59.70 ug/ml



#11 n-Heneicosane (C21)

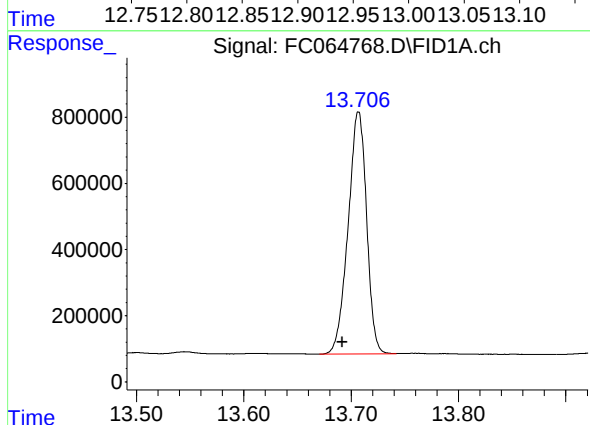
R.T.: 13.124 min
Delta R.T.: 0.016 min
Response: 9316828
Conc: 56.25 ug/ml

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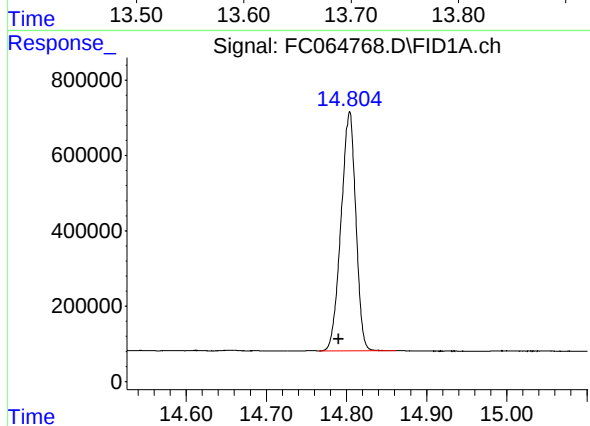
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.015 min
Response: 6354234
Conc: 43.62 ug/ml



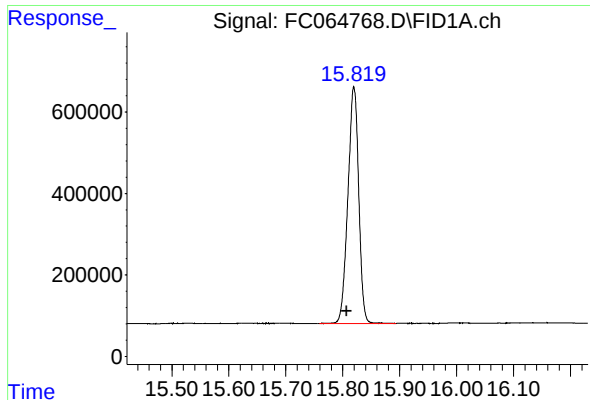
#13 n-Docosane (C22)

R.T.: 13.707 min
Delta R.T.: 0.015 min
Response: 8774347
Conc: 53.86 ug/ml



#14 n-Tetracosane (C24)

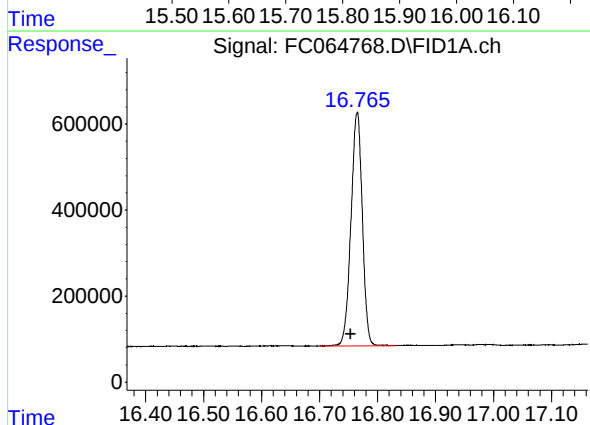
R.T.: 14.804 min
Delta R.T.: 0.014 min
Response: 8150063
Conc: 51.34 ug/ml



#15 n-Hexacosane (C26)

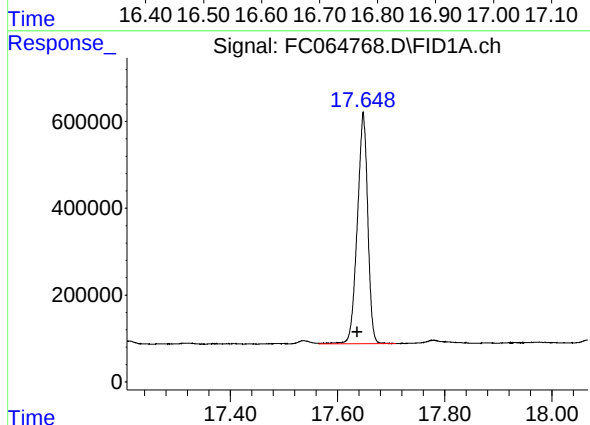
R.T.: 15.820 min
Delta R.T.: 0.013 min
Response: 7677840
Conc: 50.30 ug/ml

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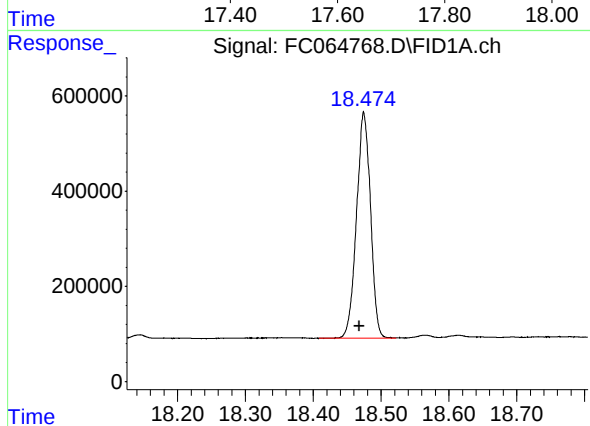
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.011 min
Response: 7407096
Conc: 50.05 ug/ml



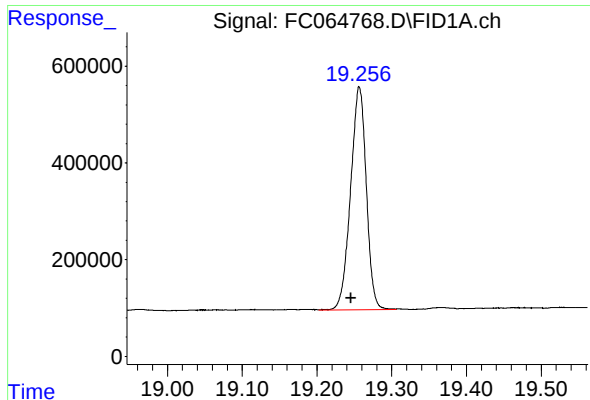
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.011 min
Response: 7204342
Conc: 48.50 ug/ml



#18 n-Dotriacontane (C32)

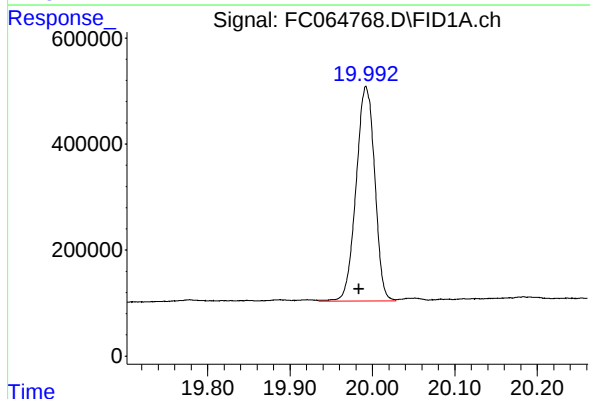
R.T.: 18.474 min
Delta R.T.: 0.006 min
Response: 6803862
Conc: 46.62 ug/ml



#19 n-Tetratriacontane (C34)

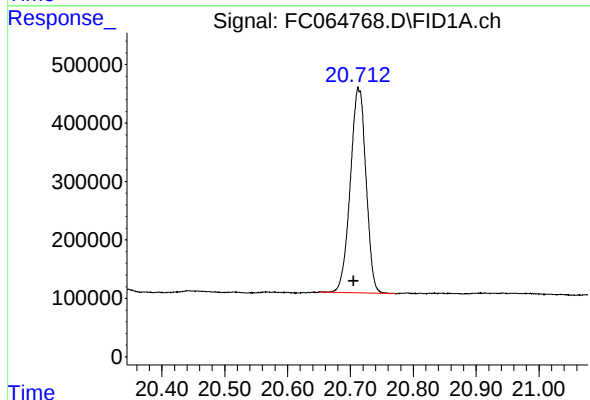
R.T.: 19.257 min
Delta R.T.: 0.011 min
Response: 6740173
Conc: 47.41 ug/ml

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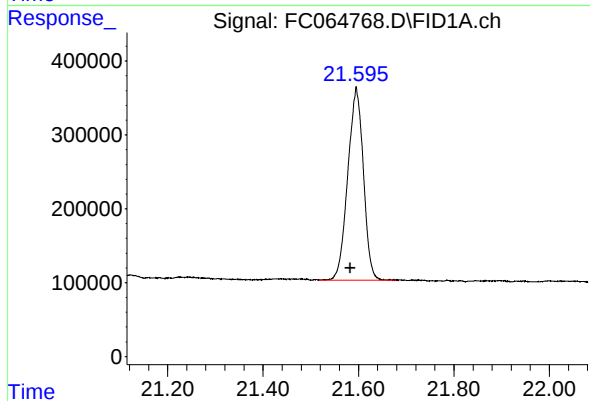
#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: 0.008 min
Response: 6362374
Conc: 46.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.008 min
Response: 6090446
Conc: 44.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.012 min
Response: 5887737
Conc: 43.28 ug/ml