

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111623AL\
 Data File : FC065167.D
 Signal(s) : FID1A.ch
 Acq On : 16 Nov 2023 14:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 23:20:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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			
9) S ortho-Terphenyl (SURR)	11.507	4337249	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	12.939	3135604	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.309	3627474	19.186 ug/ml
2) T n-Decane (C10)	4.368	3734706	19.641 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3867163	20.029 ug/ml
4) T n-Dodecane (C12)	6.378	3769650	19.514 ug/ml
5) T A~2-methylnaphthalene...	7.003	3661362	19.924 ug/ml
6) T n-Tetradecane (C14)	8.166	3685114	19.530 ug/ml
7) T n-Hexadecane (C16)	9.758	3732738	19.747 ug/ml
8) T n-Octadecane (C18)	11.193	3729798	19.763 ug/ml
10) T n-Eicosane (C20)	12.497	3554138	19.769 ug/ml
11) T n-Heneicosane (C21)	13.106	3474824	19.792 ug/ml
13) T n-Docosane (C22)	13.689	3424081	19.934 ug/ml
14) T n-Tetracosane (C24)	14.787	3331243	20.001 ug/ml
15) T n-Hexacosane (C26)	15.803	3218193	20.050 ug/ml
16) T n-Octacosane (C28)	16.747	3202061	20.460 ug/ml
17) T n-Tricontane (C30)	17.630	3367423	21.260 ug/ml
18) T n-Dotriacontane (C32)	18.459	3385199	21.440 ug/ml
19) T n-Tetratriacontane (C34)	19.239	3208936	21.023 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3054096	20.242 ug/ml
21) T n-Octatriacontane (C38)	20.693	2941801	19.768 ug/ml
22) T n-Tetracontane (C40)	21.568	2853292	19.400 ug/ml

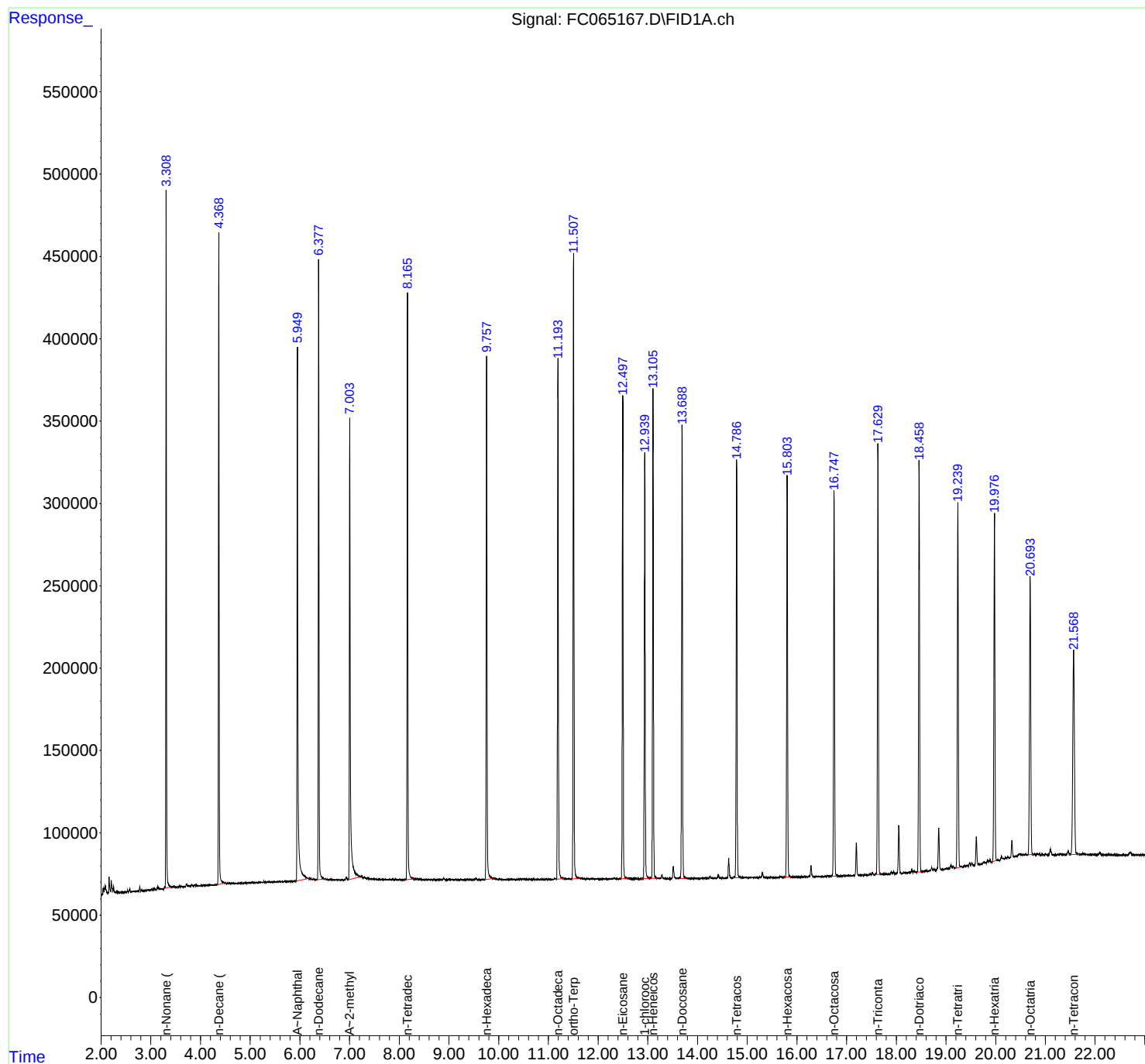
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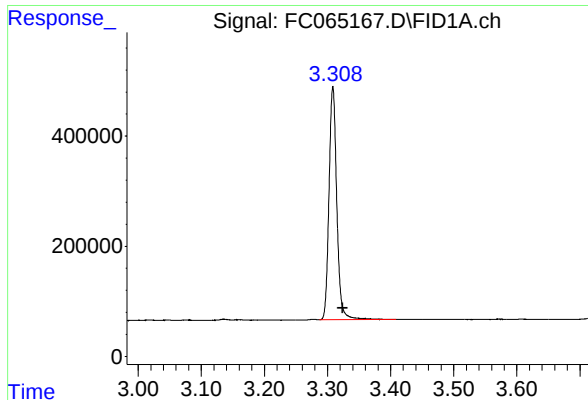
(m)=manual int.

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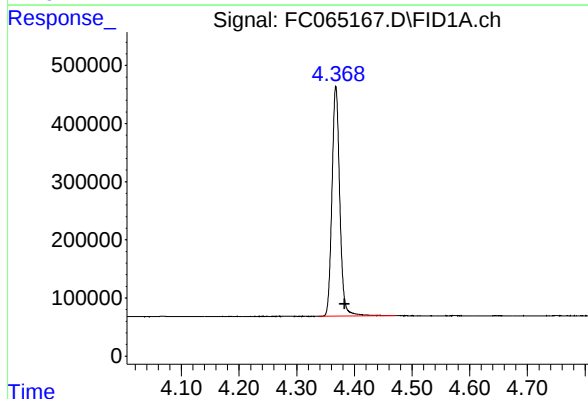
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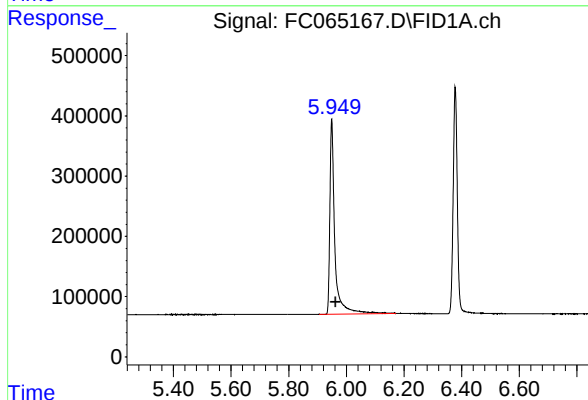
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3627474
Conc: 19.19 ug/ml



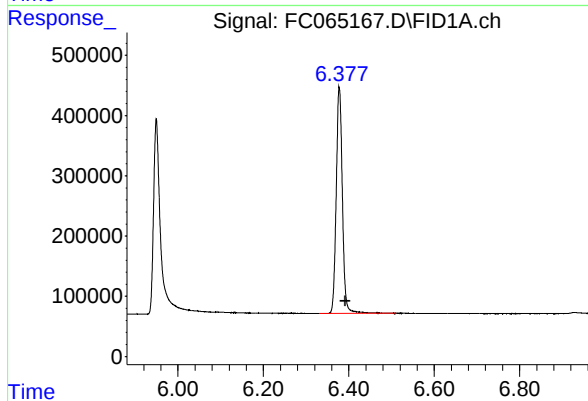
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 3734706
Conc: 19.64 ug/ml



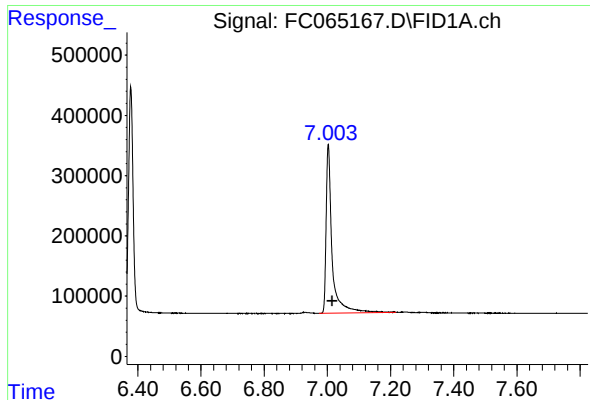
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 3867163
Conc: 20.03 ug/ml



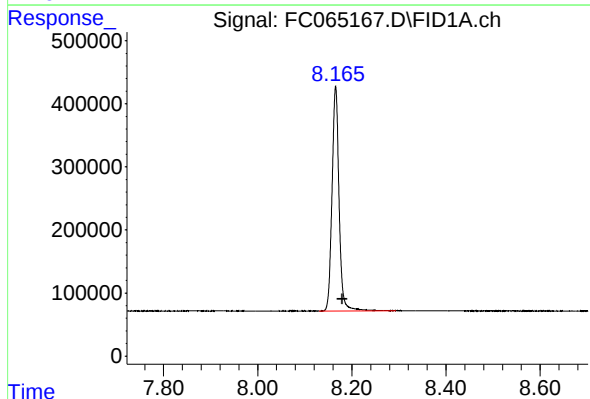
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 3769650
Conc: 19.51 ug/ml



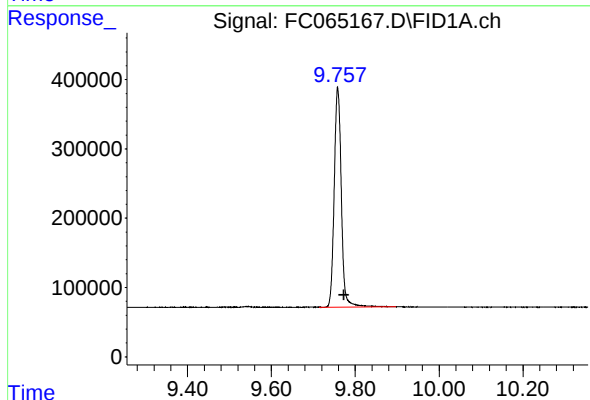
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 3661362
Conc: 19.92 ug/ml



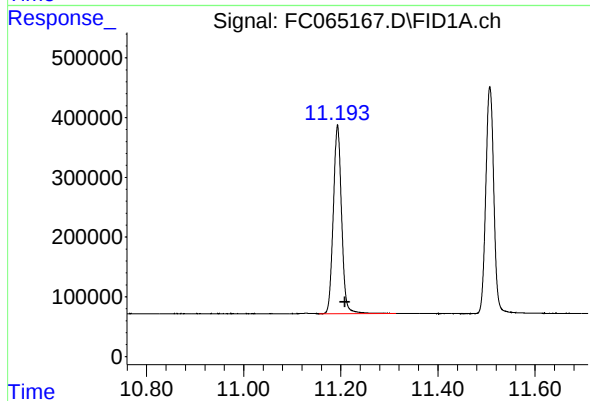
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 3685114
Conc: 19.53 ug/ml



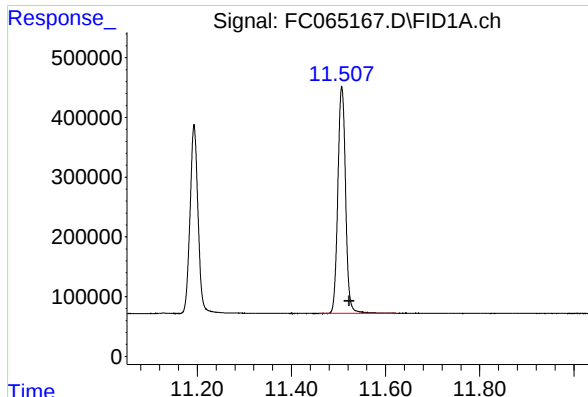
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.015 min
Response: 3732738
Conc: 19.75 ug/ml



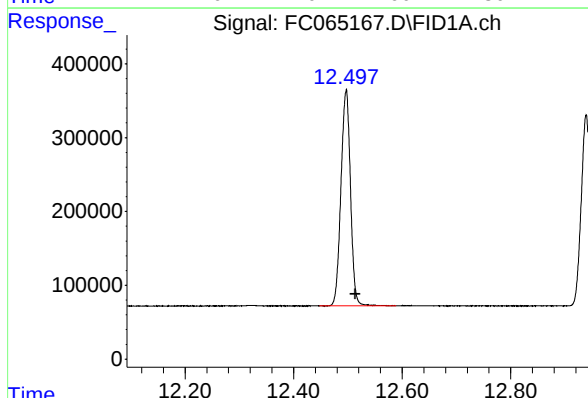
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 3729798
Conc: 19.76 ug/ml



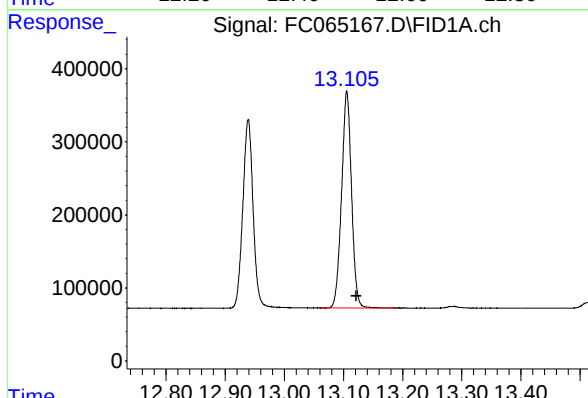
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 4337249
Conc: 19.71 ug/ml



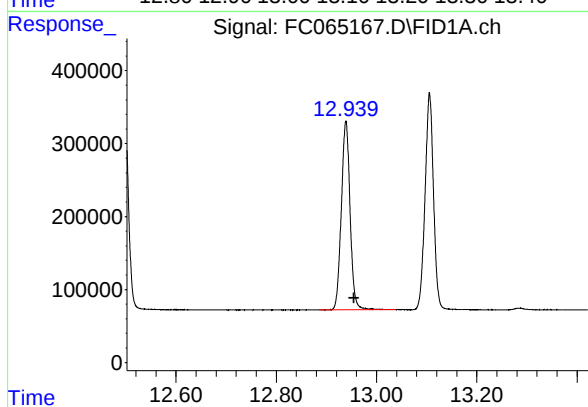
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.017 min
Response: 3554138
Conc: 19.77 ug/ml



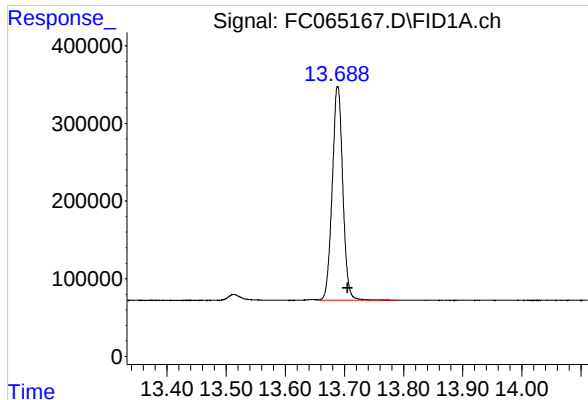
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.016 min
Response: 3474824
Conc: 19.79 ug/ml



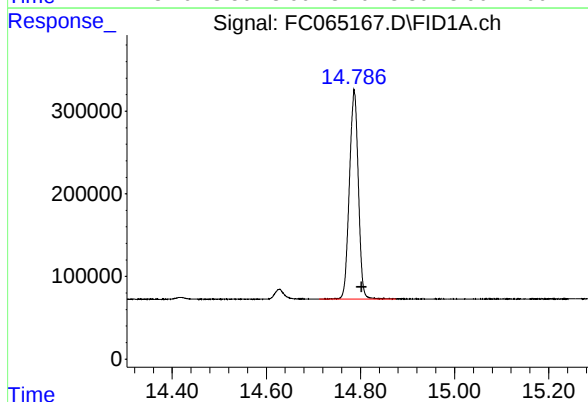
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 3135604
Conc: 19.83 ug/ml



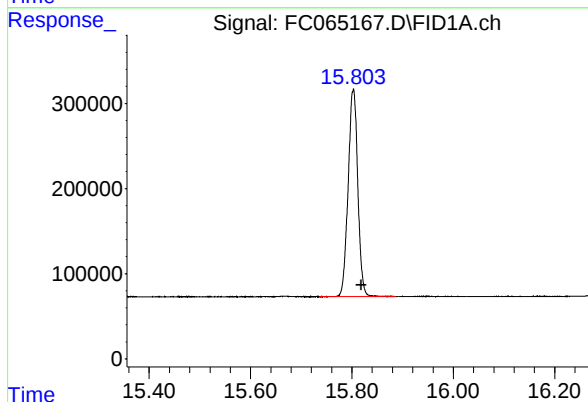
#13 n-Docosane (C22)

R.T.: 13.689 min
Delta R.T.: -0.017 min
Response: 3424081
Conc: 19.93 ug/ml



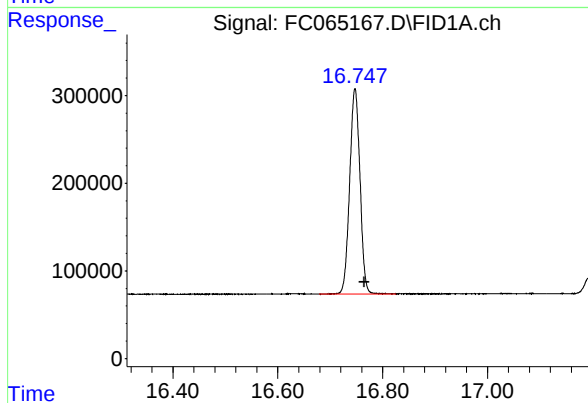
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.015 min
Response: 3331243
Conc: 20.00 ug/ml



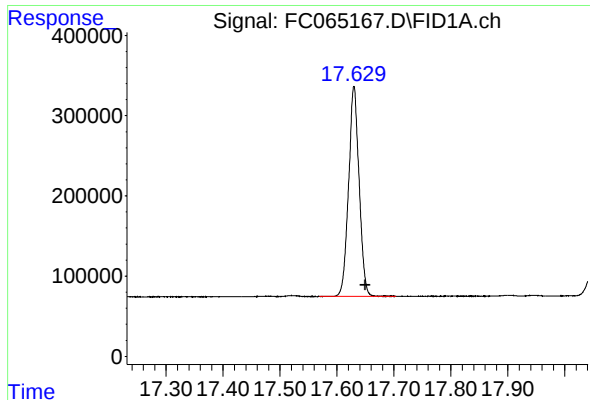
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.016 min
Response: 3218193
Conc: 20.05 ug/ml



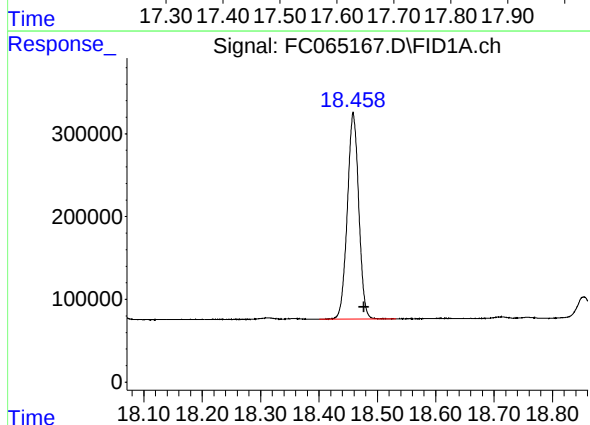
#16 n-Octacosane (C28)

R.T.: 16.747 min
Delta R.T.: -0.017 min
Response: 3202061
Conc: 20.46 ug/ml



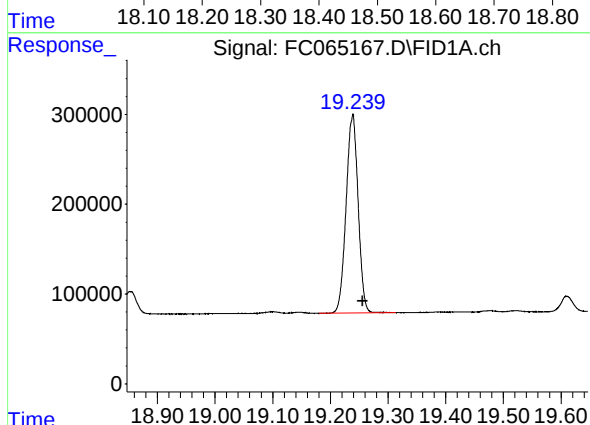
#17 n-Tricontane (C30)

R.T.: 17.630 min
Delta R.T.: -0.019 min
Response: 3367423
Conc: 21.26 ug/ml



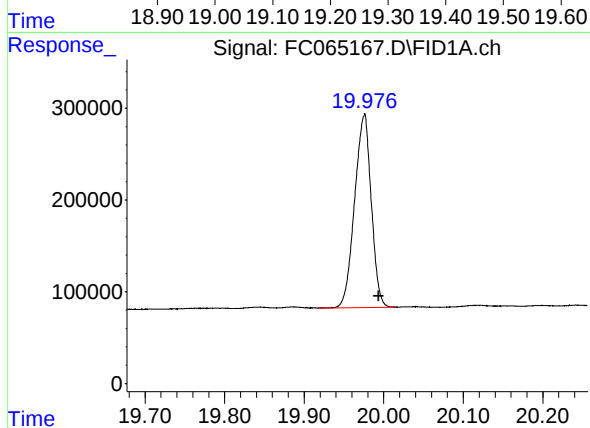
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: -0.018 min
Response: 3385199
Conc: 21.44 ug/ml



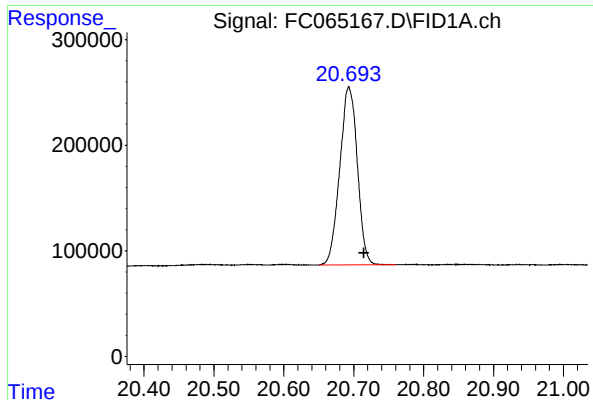
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min
Delta R.T.: -0.017 min
Response: 3208936
Conc: 21.02 ug/ml



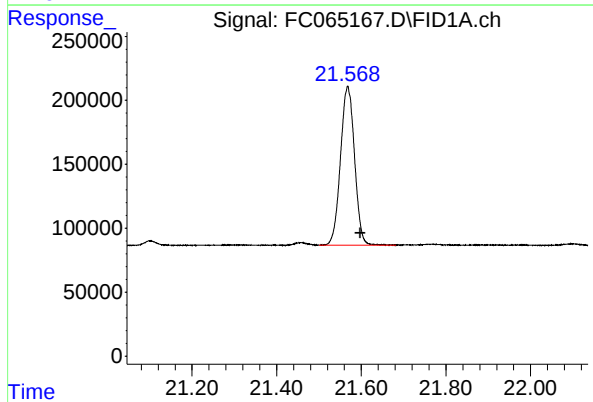
#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.018 min
Response: 3054096
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.021 min
Response: 2941801
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.030 min
Response: 2853292
Conc: 19.40 ug/ml