

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111523AL\
 Data File : FC065151.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2023 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 00:08:15 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)	11.506	4177412	18.981 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	12.938	3000414	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.307	3530958	18.676 ug/ml
2) T n-Decane (C10)	4.368	3629085	19.086 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3737817	19.359 ug/ml
4) T n-Dodecane (C12)	6.377	3642363	18.855 ug/ml
5) T A~2-methylnaphthalene...	7.002	3542603	19.278 ug/ml
6) T n-Tetradecane (C14)	8.164	3557223	18.852 ug/ml
7) T n-Hexadecane (C16)	9.758	3598288	19.036 ug/ml
8) T n-Octadecane (C18)	11.193	3594487	19.046 ug/ml
10) T n-Eicosane (C20)	12.495	3418828	19.017 ug/ml
11) T n-Heneicosane (C21)	13.105	3334107	18.990 ug/ml
13) T n-Docosane (C22)	13.688	3277456	19.080 ug/ml
14) T n-Tetracosane (C24)	14.785	3190730	19.157 ug/ml
15) T n-Hexacosane (C26)	15.802	3077136	19.171 ug/ml
16) T n-Octacosane (C28)	16.746	3056349	19.529 ug/ml
17) T n-Tricontane (C30)	17.629	3207480	20.250 ug/ml
18) T n-Dotriacontane (C32)	18.457	3225178	20.426 ug/ml
19) T n-Tetratriacontane (C34)	19.237	3054915	20.014 ug/ml
20) T n-Hexatriacontane (C36)	19.973	2930235	19.421 ug/ml
21) T n-Octatriacontane (C38)	20.692	2812838	18.902 ug/ml
22) T n-Tetracontane (C40)	21.566	2750087	18.698 ug/ml

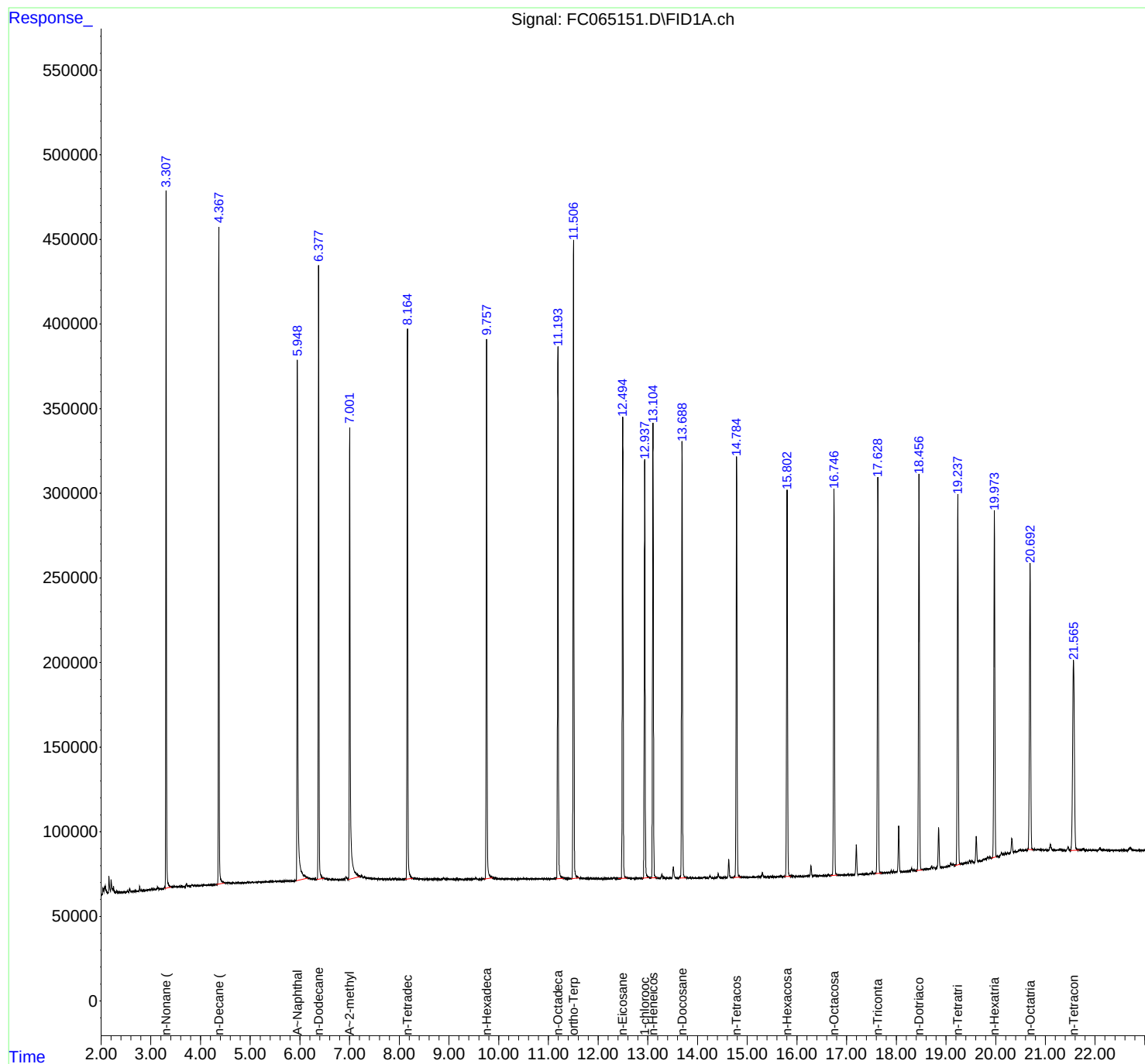
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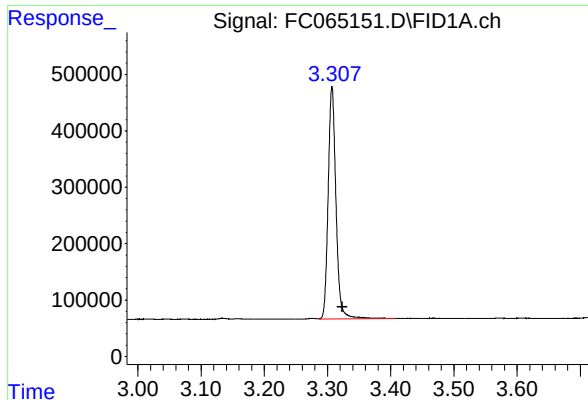
(m)=manual int.

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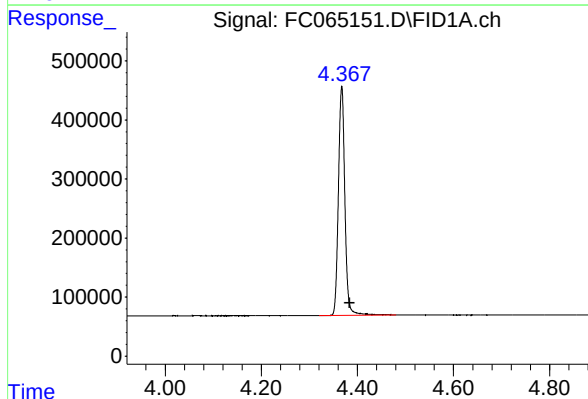
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





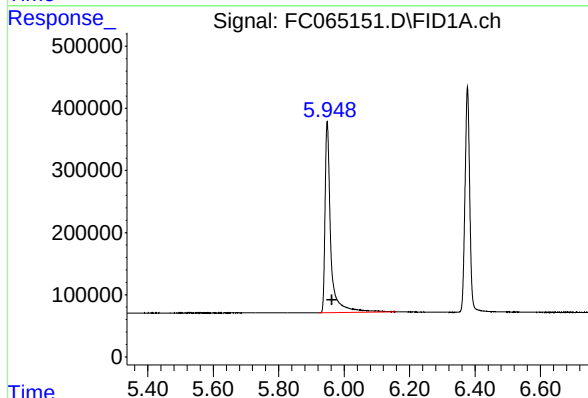
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.017 min
Response: 3530958
Conc: 18.68 ug/ml



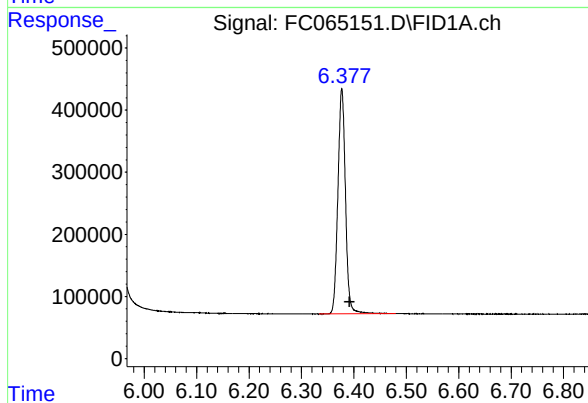
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.016 min
Response: 3629085
Conc: 19.09 ug/ml



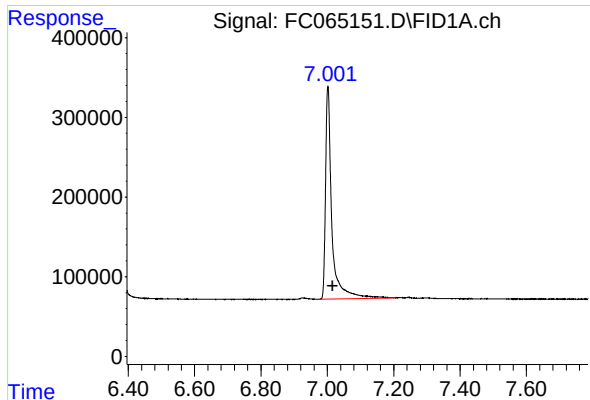
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.014 min
Response: 3737817
Conc: 19.36 ug/ml



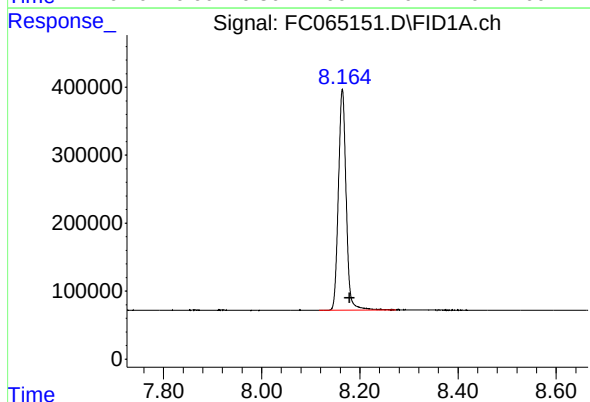
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.015 min
Response: 3642363
Conc: 18.86 ug/ml



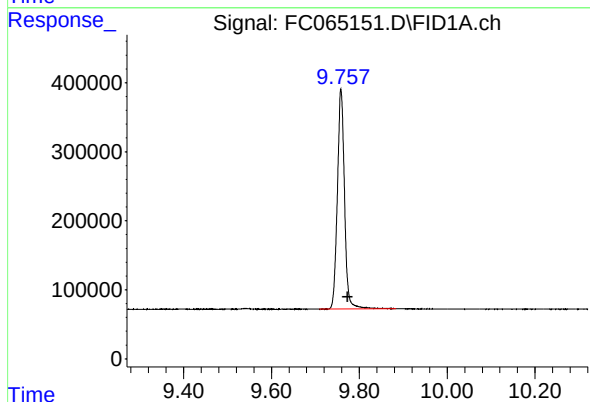
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.014 min
Response: 3542603
Conc: 19.28 ug/ml



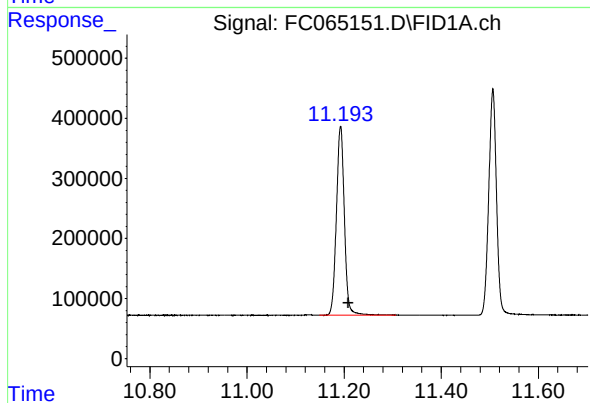
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.015 min
Response: 3557223
Conc: 18.85 ug/ml



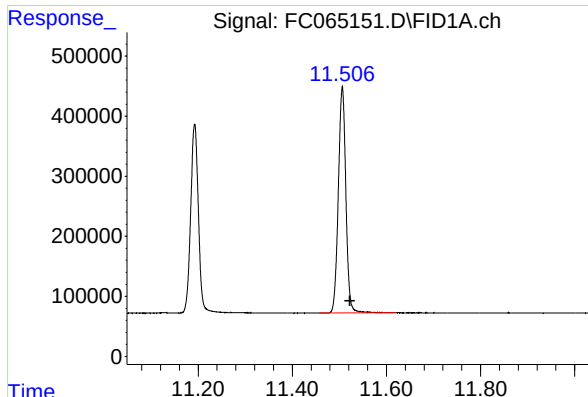
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.015 min
Response: 3598288
Conc: 19.04 ug/ml



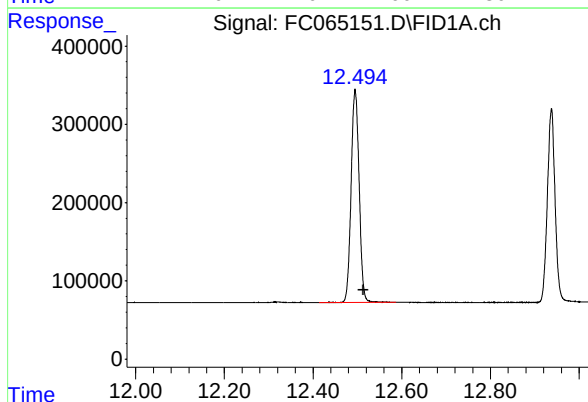
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: -0.016 min
Response: 3594487
Conc: 19.05 ug/ml



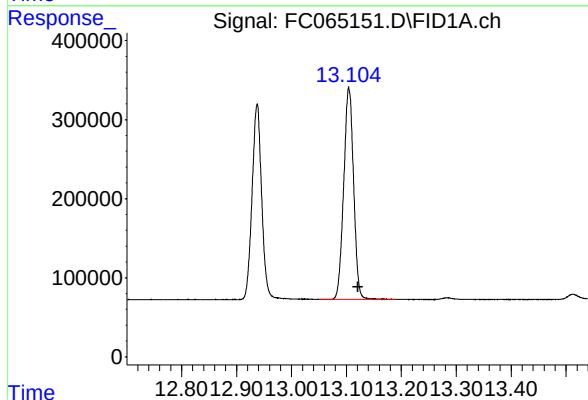
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.016 min
Response: 4177412
Conc: 18.98 ug/ml



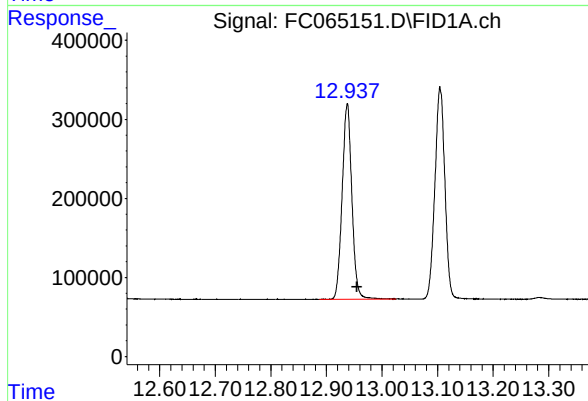
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.018 min
Response: 3418828
Conc: 19.02 ug/ml



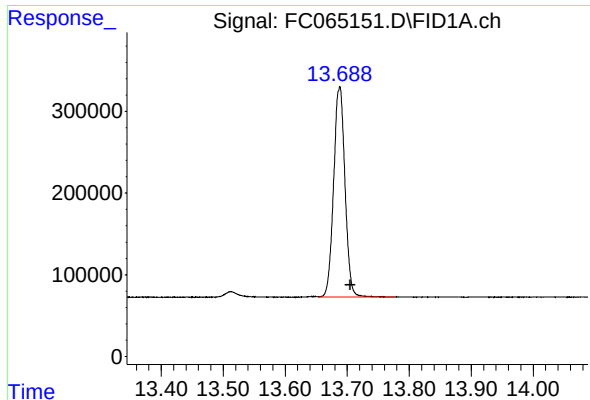
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.017 min
Response: 3334107
Conc: 18.99 ug/ml



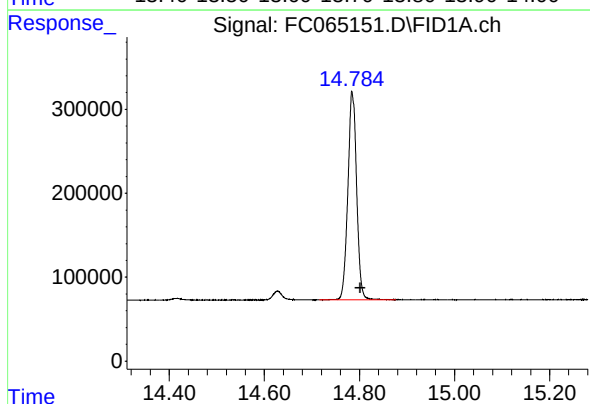
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.017 min
Response: 3000414
Conc: 18.98 ug/ml



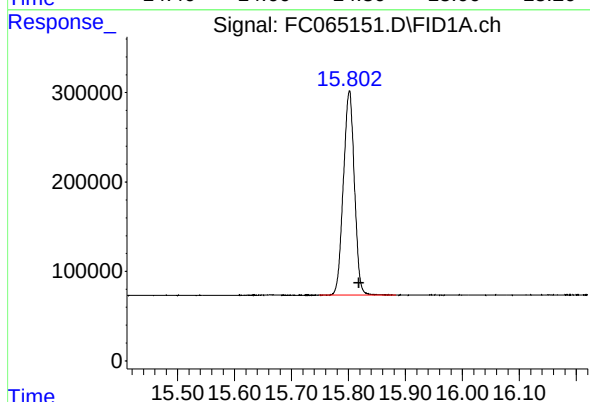
#13 n-Docosane (C22)

R.T.: 13.688 min
Delta R.T.: -0.018 min
Response: 3277456
Conc: 19.08 ug/ml



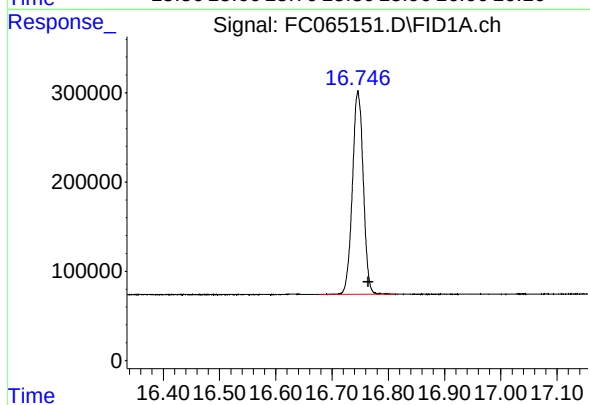
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 3190730
Conc: 19.16 ug/ml



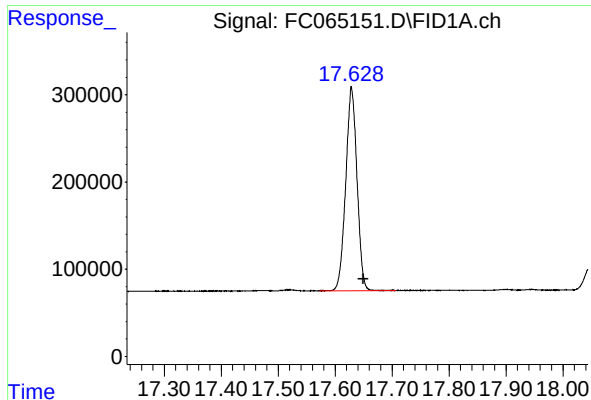
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.017 min
Response: 3077136
Conc: 19.17 ug/ml



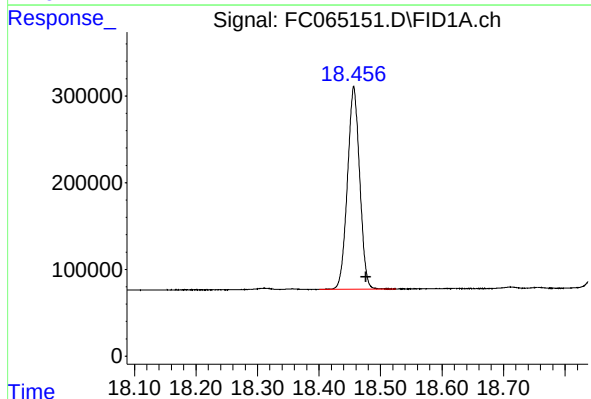
#16 n-Octacosane (C28)

R.T.: 16.746 min
Delta R.T.: -0.019 min
Response: 3056349
Conc: 19.53 ug/ml



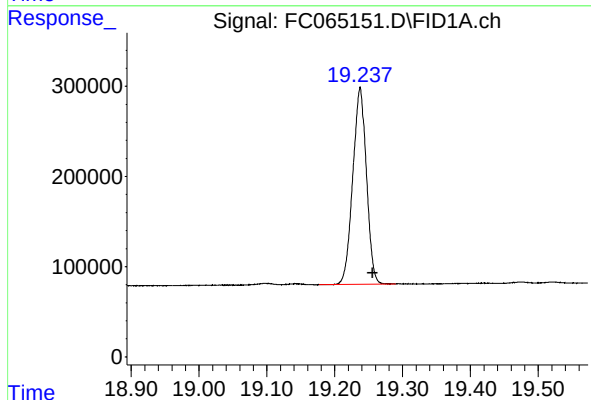
#17 n-Tricontane (C30)

R.T.: 17.629 min
Delta R.T.: -0.021 min
Response: 3207480
Conc: 20.25 ug/ml



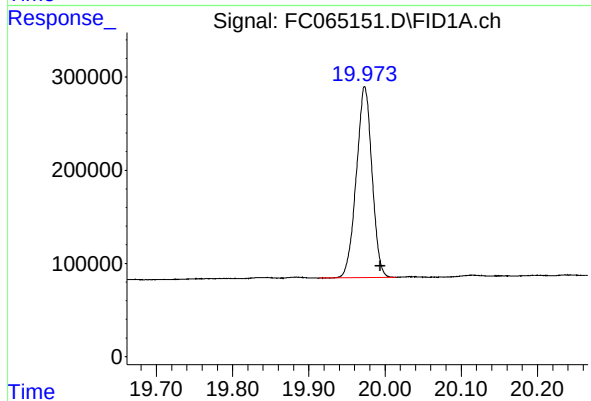
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: -0.020 min
Response: 3225178
Conc: 20.43 ug/ml



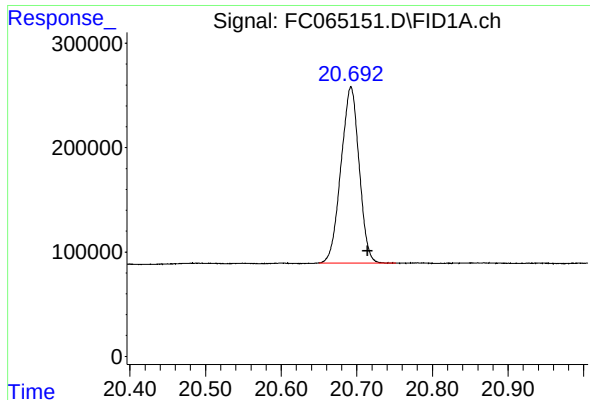
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: -0.018 min
Response: 3054915
Conc: 20.01 ug/ml



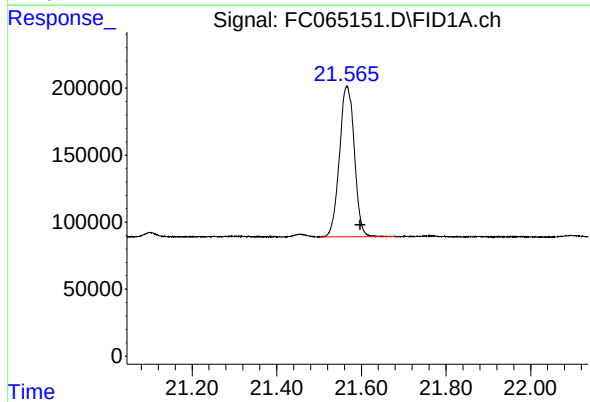
#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: -0.020 min
Response: 2930235
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: -0.022 min
Response: 2812838
Conc: 18.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: -0.032 min
Response: 2750087
Conc: 18.70 ug/ml