

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041024AL\
 Data File : FC066198.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2024 02:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 03:38:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 13:05:22 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			
9) S ortho-Terphenyl (SURR)	11.468	4032393	19.090 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	12.897	2915851	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.269	3496119	19.490 ug/ml
2) T n-Decane (C10)	4.330	3573593	19.217 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3593304	18.830 ug/ml
4) T n-Dodecane (C12)	6.340	3623620	19.035 ug/ml
5) T A~2-methylnaphthalene...	6.980	3237248	18.281 ug/ml
6) T n-Tetradecane (C14)	8.127	3518211	18.860 ug/ml
7) T n-Hexadecane (C16)	9.721	3573195	18.596 ug/ml
8) T n-Octadecane (C18)	11.153	3625139	18.609 ug/ml
10) T n-Eicosane (C20)	12.453	3573875	18.910 ug/ml
11) T n-Heneicosane (C21)	13.061	3552231	18.980 ug/ml
13) T n-Docosane (C22)	13.644	3547320	18.732 ug/ml
14) T n-Tetracosane (C24)	14.738	3592888	18.510 ug/ml
15) T n-Hexacosane (C26)	15.752	3590783	18.594 ug/ml
16) T n-Octacosane (C28)	16.693	3586102	18.457 ug/ml
17) T n-Tricontane (C30)	17.576	3679682	18.586 ug/ml
18) T n-Dotriacontane (C32)	18.402	3637898	18.813 ug/ml
19) T n-Tetratriacontane (C34)	19.180	3538496	19.302 ug/ml
20) T n-Hexatriacontane (C36)	19.915	3366928	19.155 ug/ml
21) T n-Octatriacontane (C38)	20.624	3243778	18.800 ug/ml
22) T n-Tetracontane (C40)	21.479	2939333	17.457 ug/ml

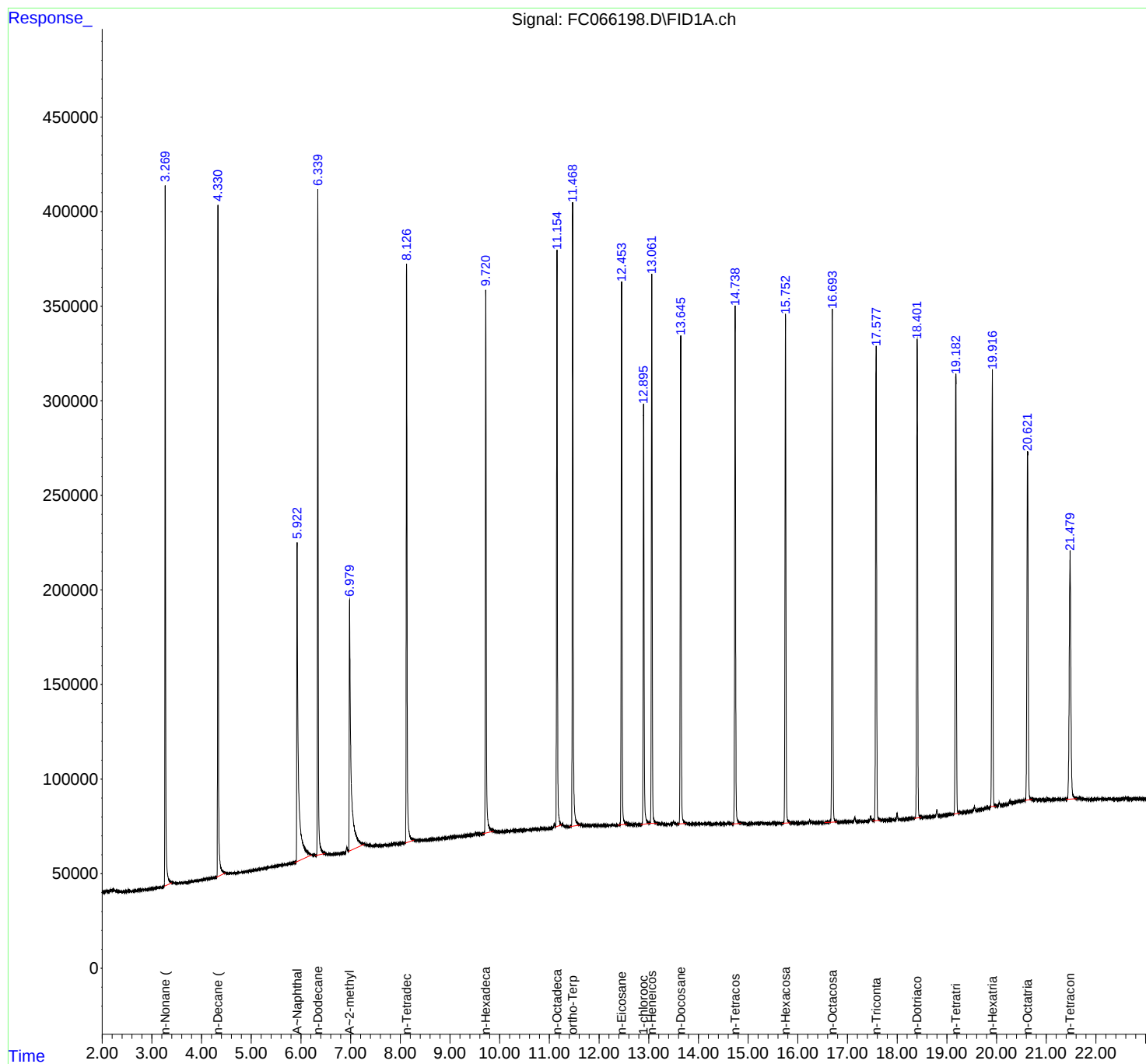
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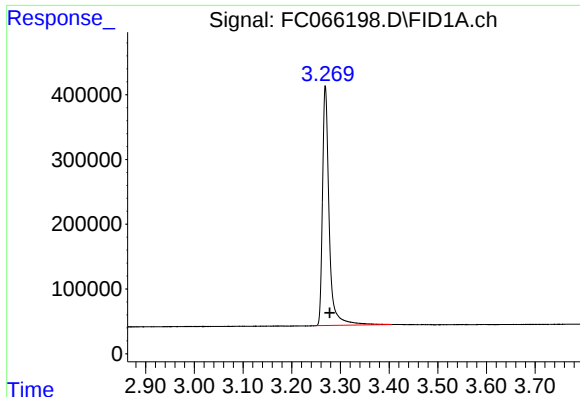
(m)=manual int.

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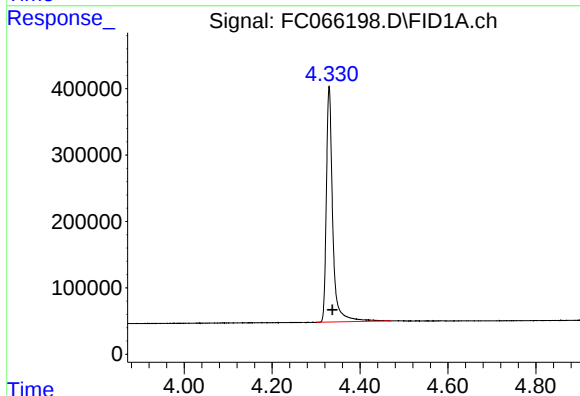
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





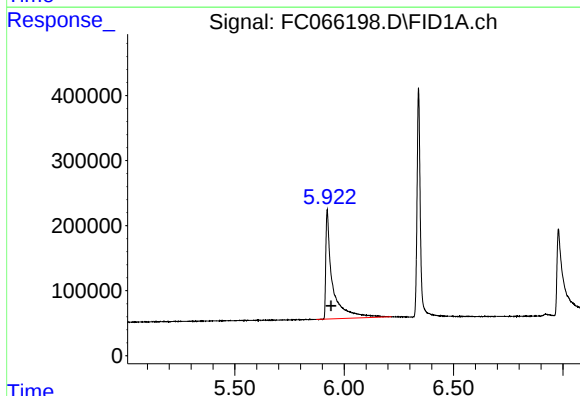
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.009 min
Response: 3496119
Conc: 19.49 ug/ml



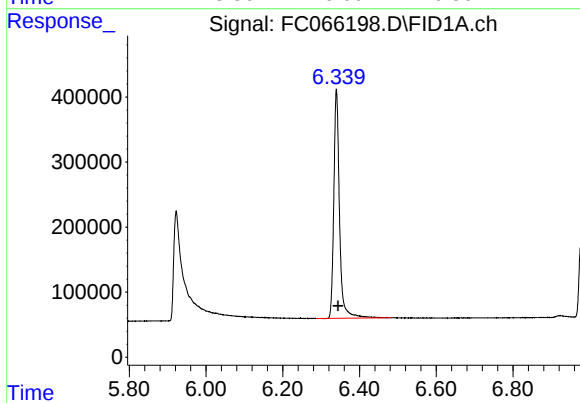
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: -0.007 min
Response: 3573593
Conc: 19.22 ug/ml



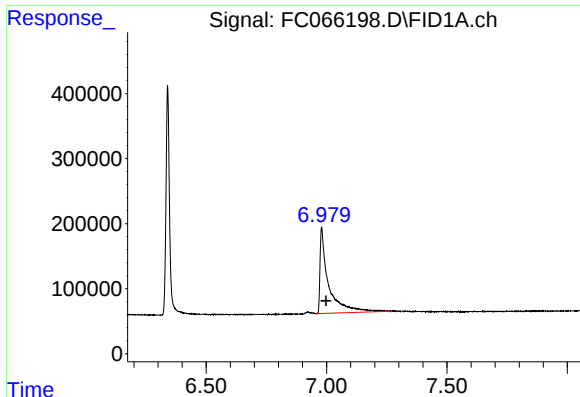
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.017 min
Response: 3593304
Conc: 18.83 ug/ml



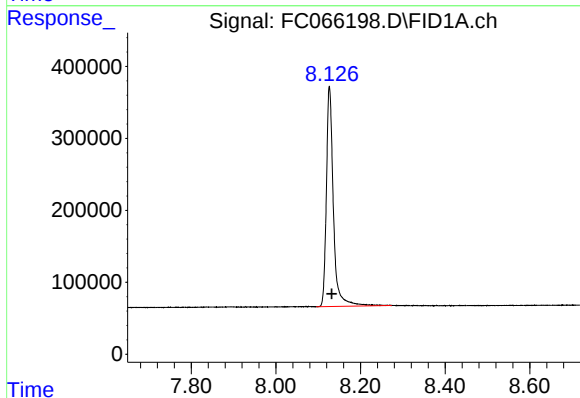
#4 n-Dodecane (C12)

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 3623620
Conc: 19.04 ug/ml



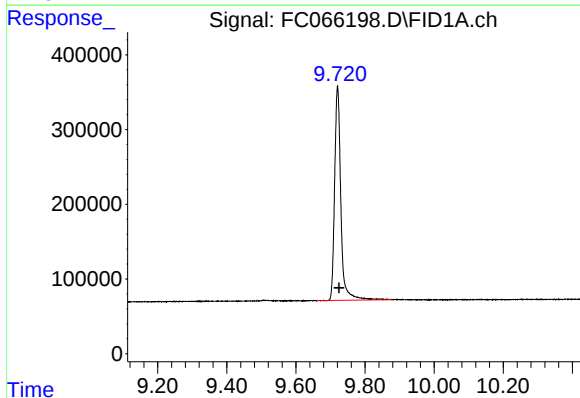
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.017 min
Response: 3237248
Conc: 18.28 ug/ml



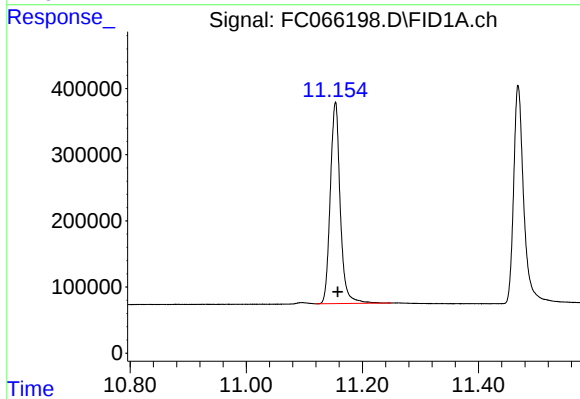
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.005 min
Response: 3518211
Conc: 18.86 ug/ml



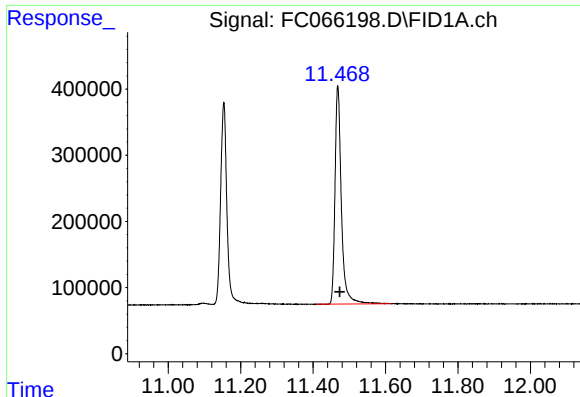
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.005 min
Response: 3573195
Conc: 18.60 ug/ml



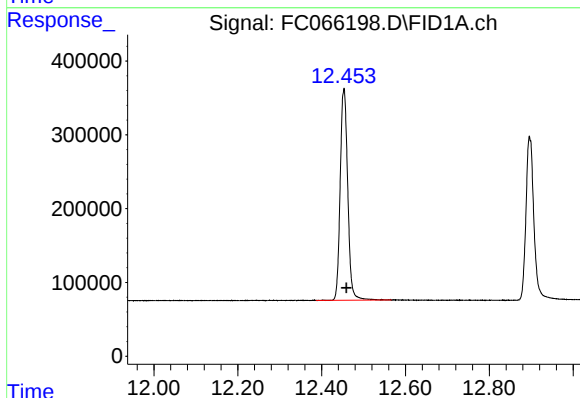
#8 n-Octadecane (C18)

R.T.: 11.153 min
Delta R.T.: -0.004 min
Response: 3625139
Conc: 18.61 ug/ml



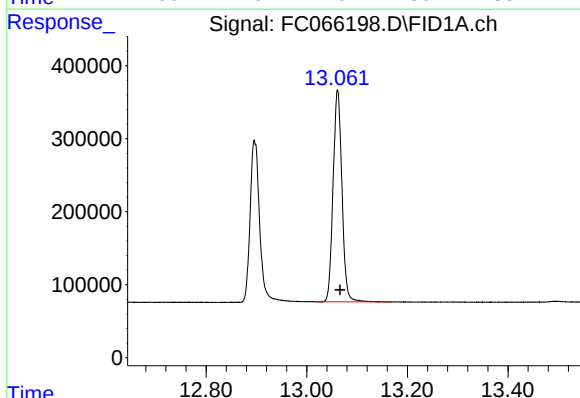
#9 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.005 min
Response: 4032393
Conc: 19.09 ug/ml



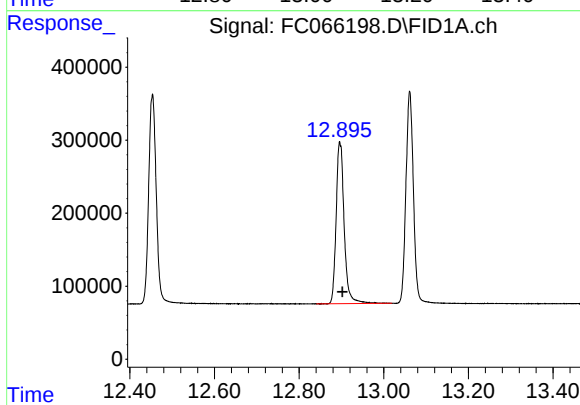
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.006 min
Response: 3573875
Conc: 18.91 ug/ml



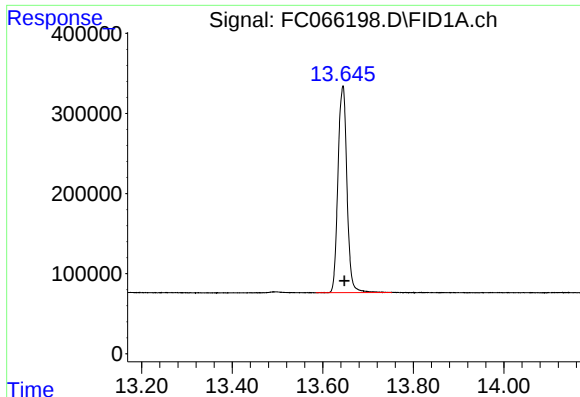
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: -0.005 min
Response: 3552231
Conc: 18.98 ug/ml



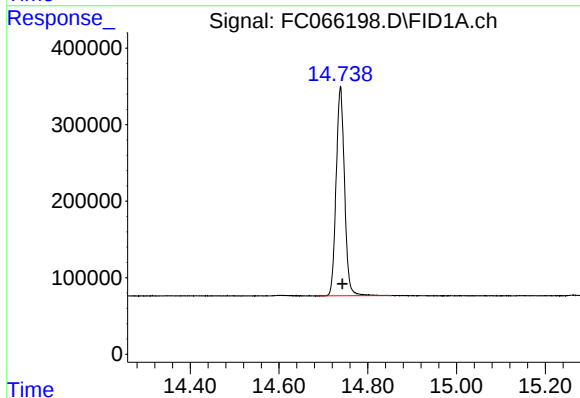
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.006 min
Response: 2915851
Conc: 18.60 ug/ml



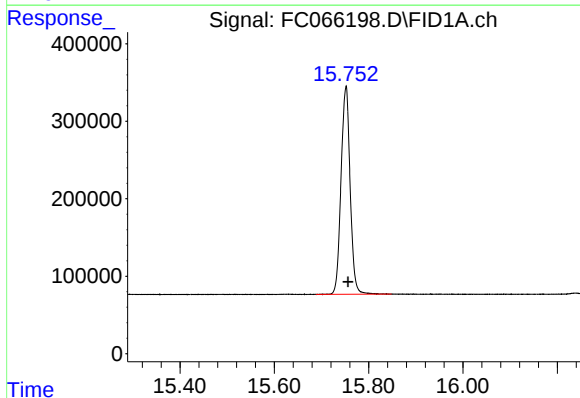
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.004 min
Response: 3547320
Conc: 18.73 ug/ml



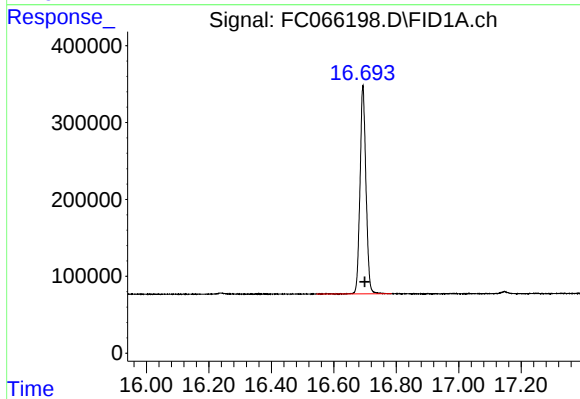
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.005 min
Response: 3592888
Conc: 18.51 ug/ml



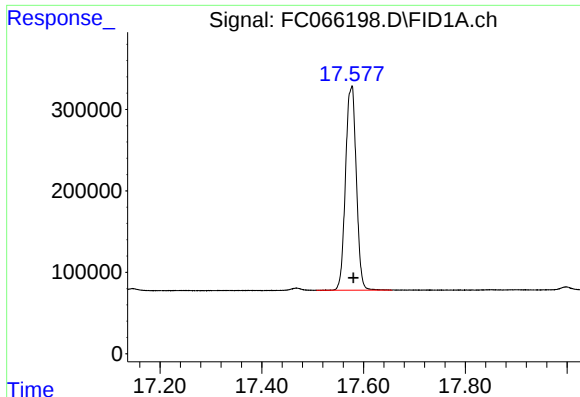
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.004 min
Response: 3590783
Conc: 18.59 ug/ml



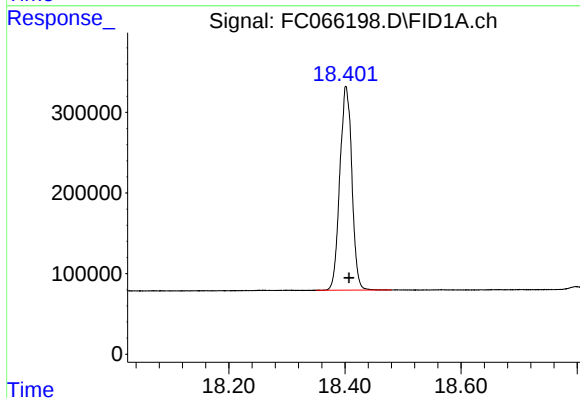
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.006 min
Response: 3586102
Conc: 18.46 ug/ml



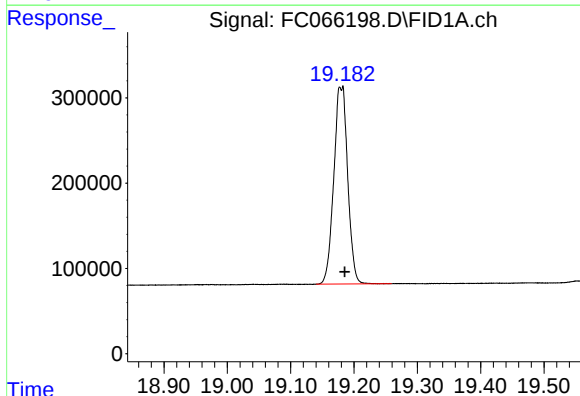
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.005 min
Response: 3679682
Conc: 18.59 ug/ml



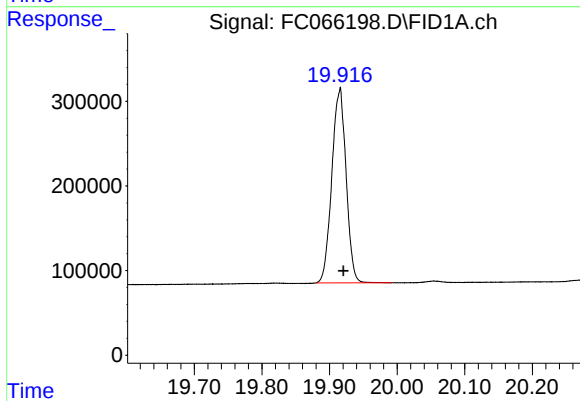
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.004 min
Response: 3637898
Conc: 18.81 ug/ml



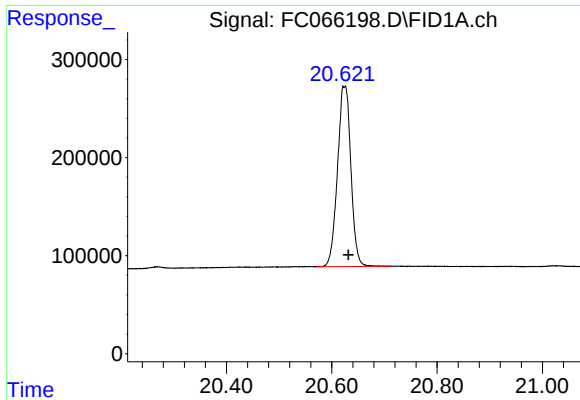
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.006 min
Response: 3538496
Conc: 19.30 ug/ml



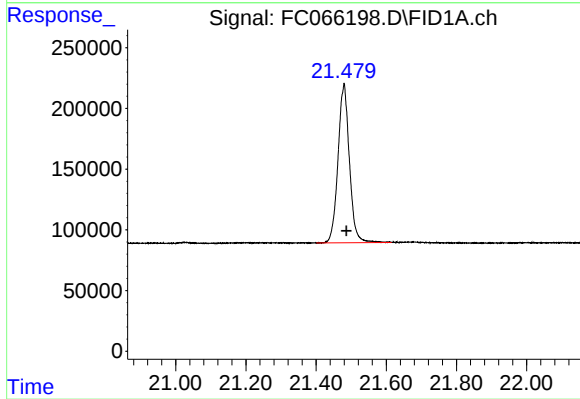
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: -0.006 min
Response: 3366928
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.624 min
Delta R.T.: -0.007 min
Response: 3243778
Conc: 18.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.008 min
Response: 2939333
Conc: 17.46 ug/ml