

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122923AL\
 Data File : FC065530.D
 Signal(s) : FID1A.ch
 Acq On : 29 Dec 2023 09:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:35:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.500	4684302	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	12.931	3251367	19.891 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.293	4015969	20.197 ug/ml
2) T n-Decane (C10)	4.354	4091708	20.410 ug/ml
3) T A~Naphthalene (C11.7)	5.937	4022440	20.014 ug/ml
4) T n-Dodecane (C12)	6.366	4163433	20.366 ug/ml
5) T A~2-methylnaphthalene...	6.991	3948725	20.225 ug/ml
6) T n-Tetradecane (C14)	8.155	4064646	20.290 ug/ml
7) T n-Hexadecane (C16)	9.749	4050148	20.233 ug/ml
8) T n-Octadecane (C18)	11.185	3983934	20.244 ug/ml
10) T n-Eicosane (C20)	12.489	3792247	20.229 ug/ml
11) T n-Heneicosane (C21)	13.098	3704216	20.309 ug/ml
13) T n-Docosane (C22)	13.682	3625808	20.096 ug/ml
14) T n-Tetracosane (C24)	14.779	3517532	19.525 ug/ml
15) T n-Hexacosane (C26)	15.797	3374817	19.482 ug/ml
16) T n-Octacosane (C28)	16.742	3291949	19.195 ug/ml
17) T n-Tricontane (C30)	17.624	3332442	19.027 ug/ml
18) T n-Dotriacontane (C32)	18.454	3310109	18.977 ug/ml
19) T n-Tetratriacontane (C34)	19.232	3220884	19.466 ug/ml
20) T n-Hexatriacontane (C36)	19.971	3045900	18.865 ug/ml
21) T n-Octatriacontane (C38)	20.687	3010067	18.979 ug/ml
22) T n-Tetracontane (C40)	21.563	2855244	17.926 ug/ml

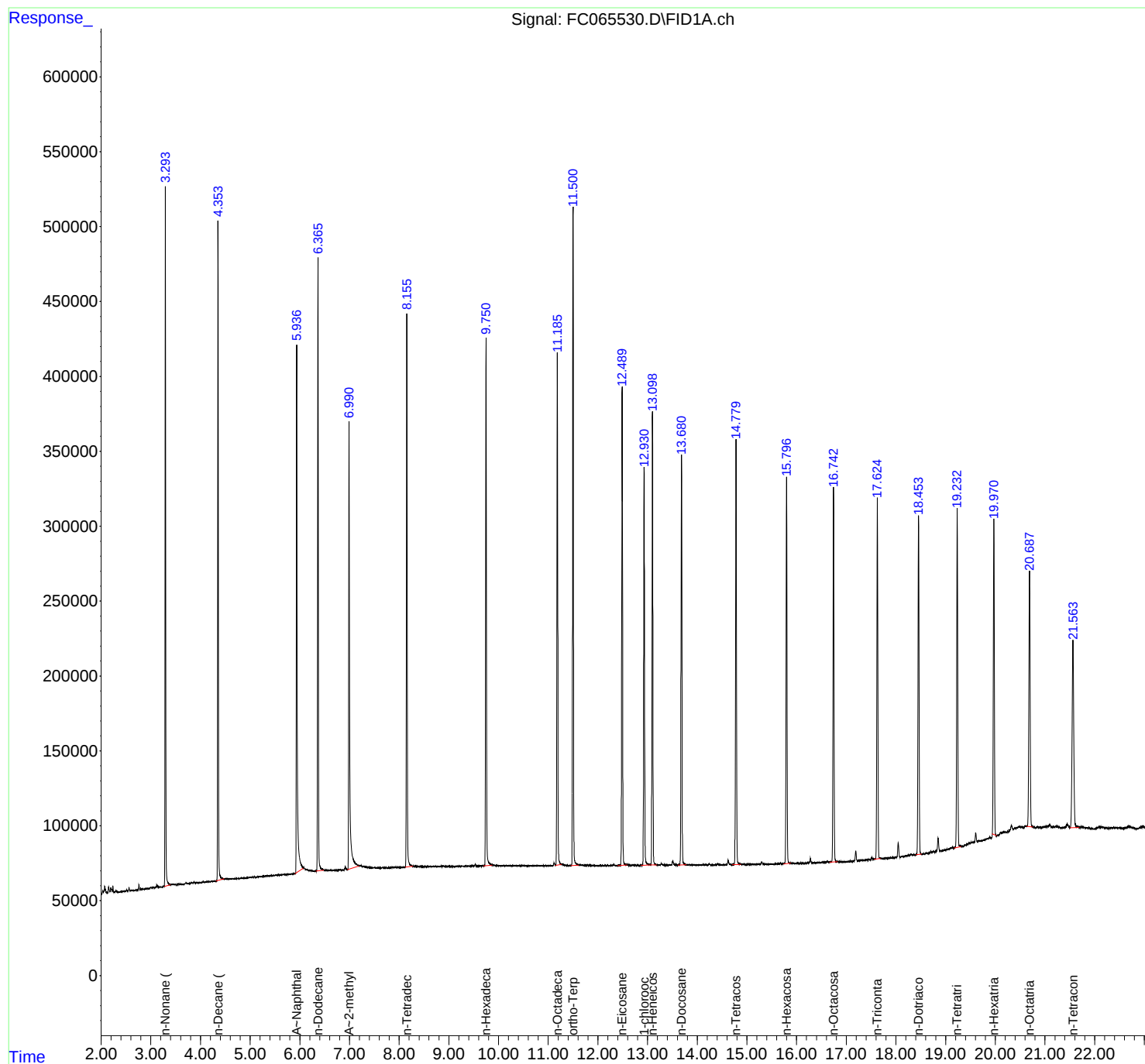
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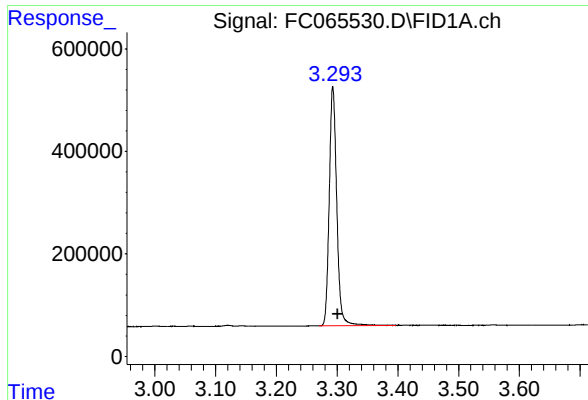
(m)=manual int.

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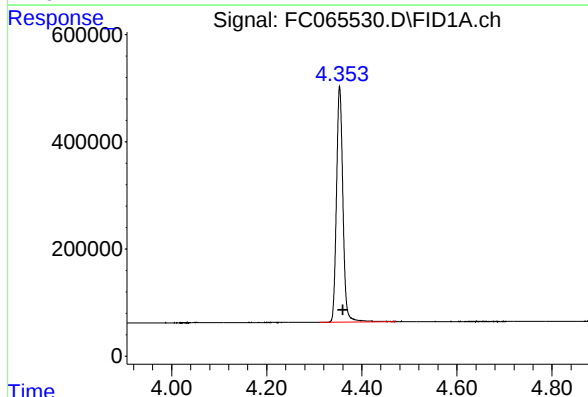
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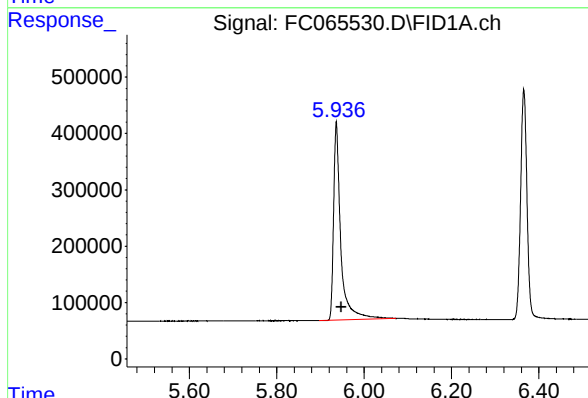
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 4015969
Conc: 20.20 ug/ml



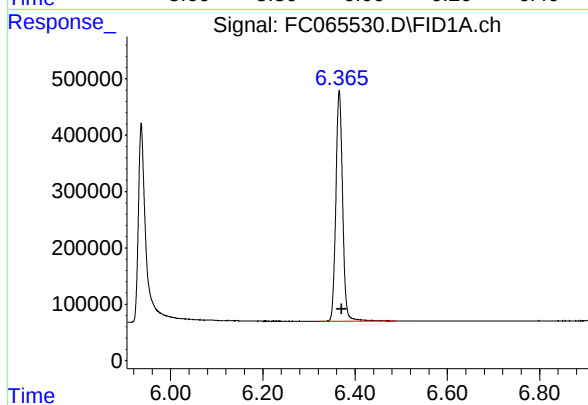
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 4091708
Conc: 20.41 ug/ml



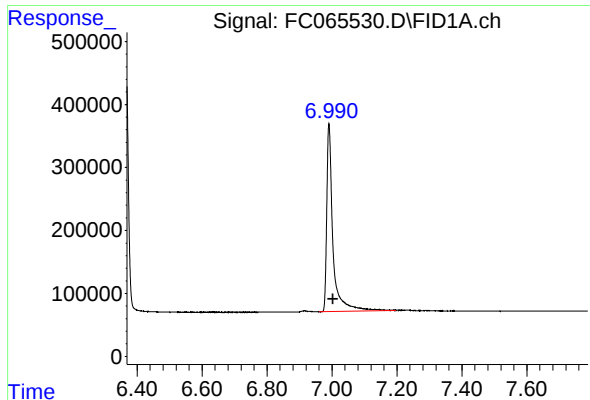
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.011 min
Response: 4022440
Conc: 20.01 ug/ml



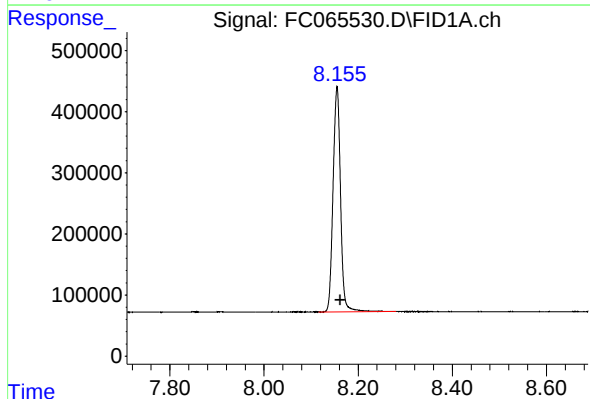
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 4163433
Conc: 20.37 ug/ml



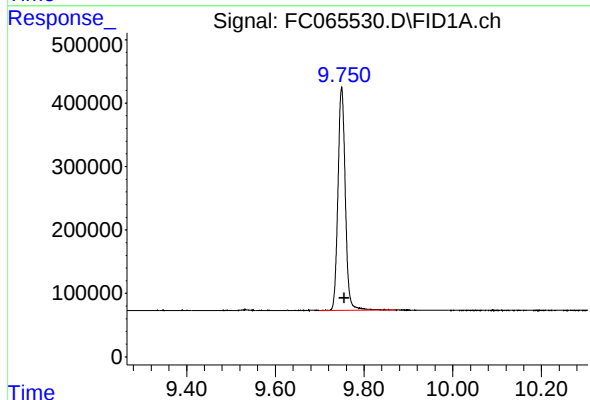
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.012 min
Response: 3948725
Conc: 20.23 ug/ml



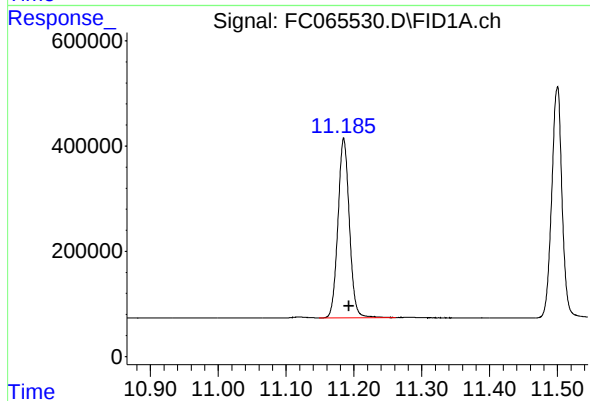
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.007 min
Response: 4064646
Conc: 20.29 ug/ml



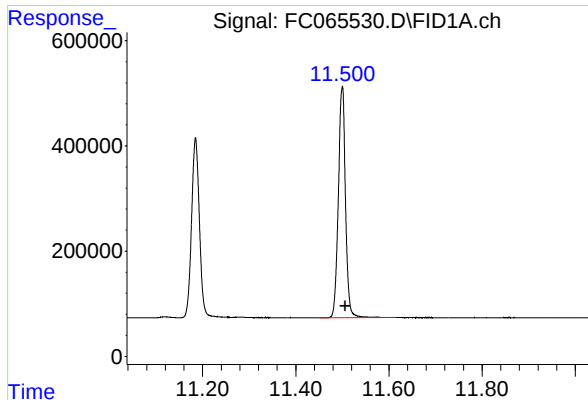
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.006 min
Response: 4050148
Conc: 20.23 ug/ml



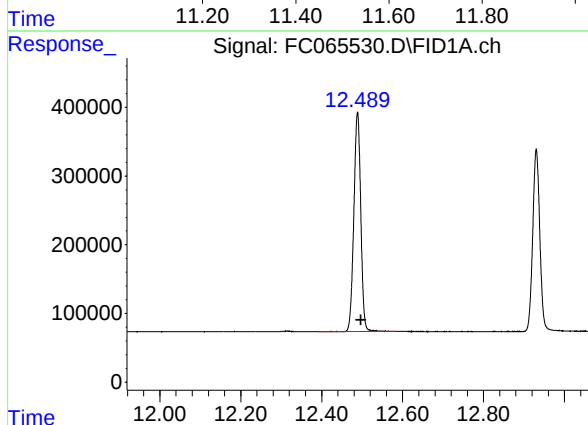
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: -0.008 min
Response: 3983934
Conc: 20.24 ug/ml



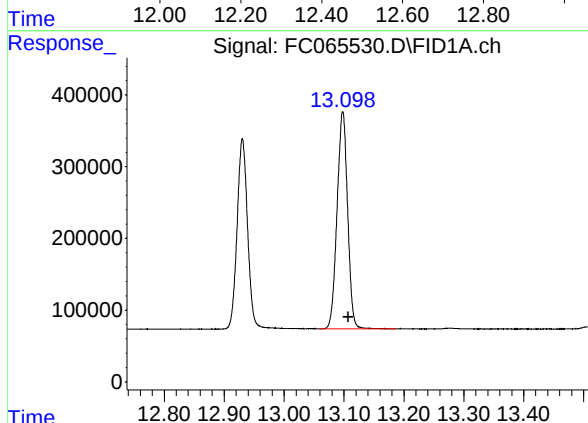
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.006 min
Response: 4684302
Conc: 20.47 ug/ml



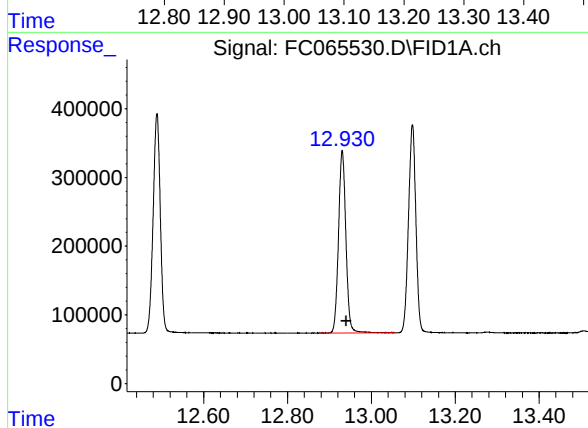
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.009 min
Response: 3792247
Conc: 20.23 ug/ml



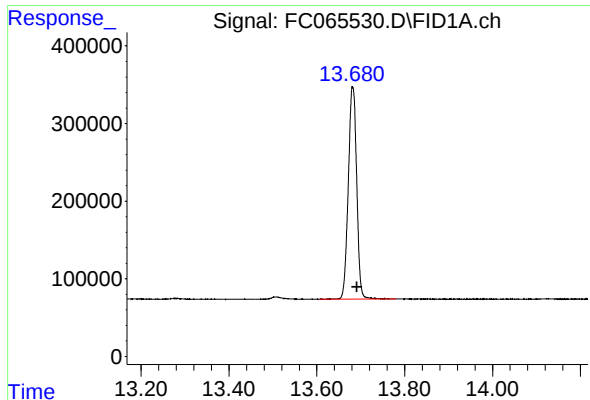
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.009 min
Response: 3704216
Conc: 20.31 ug/ml



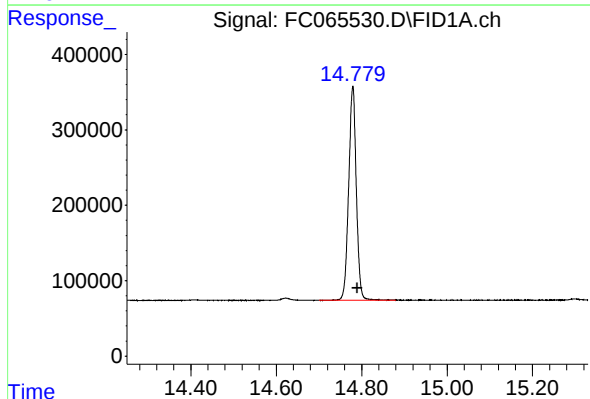
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.010 min
Response: 3251367
Conc: 19.89 ug/ml



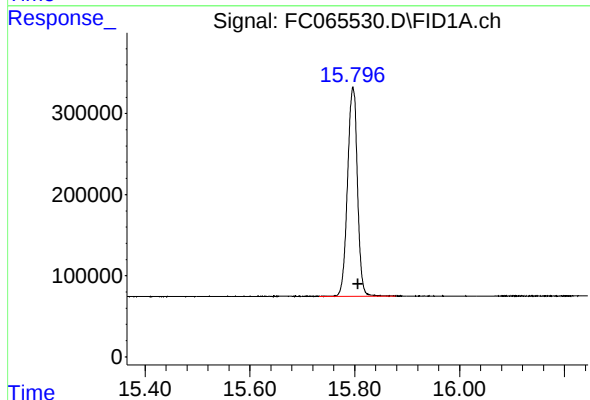
#13 n-Docosane (C22)

R.T.: 13.682 min
Delta R.T.: -0.009 min
Response: 3625808
Conc: 20.10 ug/ml



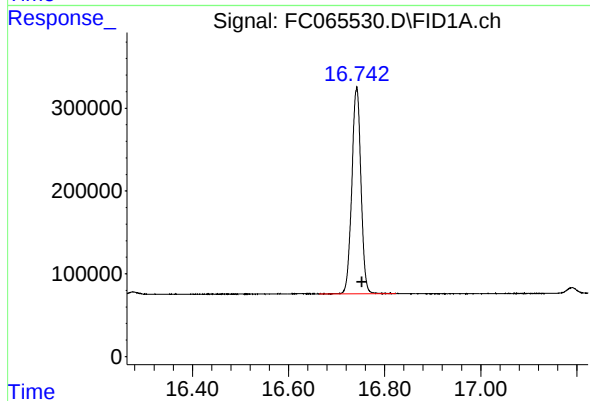
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.010 min
Response: 3517532
Conc: 19.53 ug/ml



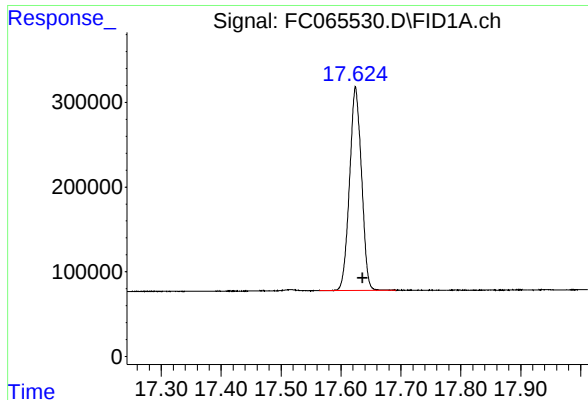
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.010 min
Response: 3374817
Conc: 19.48 ug/ml



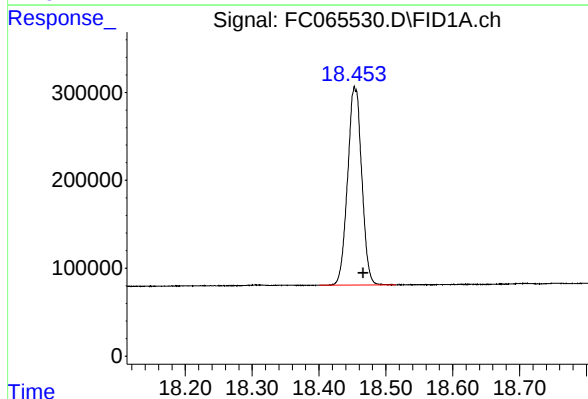
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: -0.011 min
Response: 3291949
Conc: 19.20 ug/ml



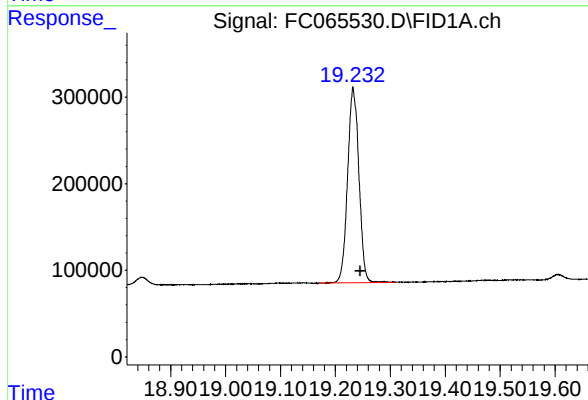
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.012 min
Response: 3332442
Conc: 19.03 ug/ml



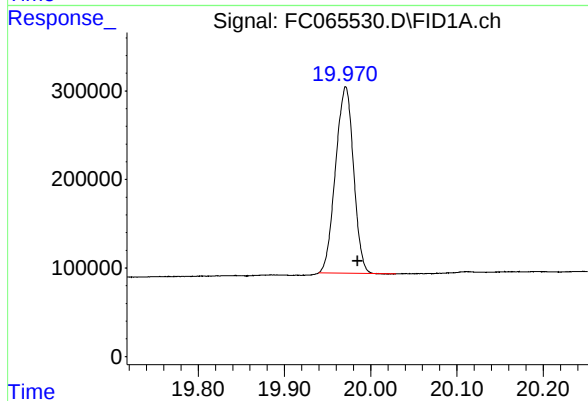
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.013 min
Response: 3310109
Conc: 18.98 ug/ml



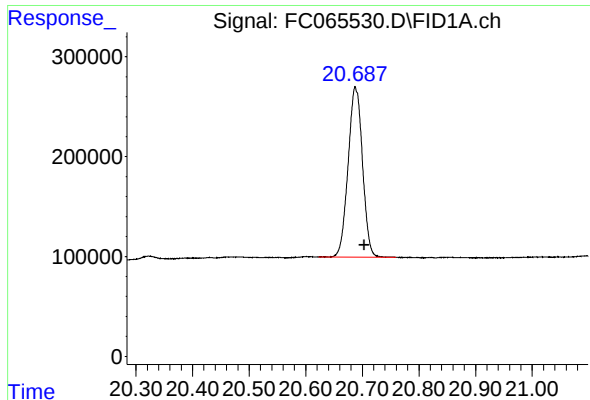
#19 n-Tetatriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.013 min
Response: 3220884
Conc: 19.47 ug/ml



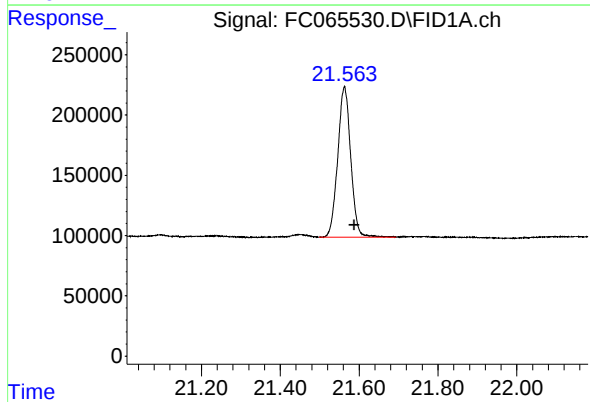
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: -0.014 min
Response: 3045900
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.687 min
Delta R.T.: -0.016 min
Response: 3010067
Conc: 18.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.025 min
Response: 2855244
Conc: 17.93 ug/ml