

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040124AL\
 Data File : FC066160.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2024 12:08
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 12:38:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 12:38:42 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)	11.473	1081248	5.119 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
12) S 1-chlorooctadecane (S...	12.902	791092	5.046 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
Target Compounds			
1) T n-Nonane (C9)	3.278	873716	4.871 ug/ml
2) T n-Decane (C10)	4.337	900371	4.842 ug/ml
3) T A~Naphthalene (C11.7)	5.939	818863	4.376 ug/mlm
4) T n-Dodecane (C12)	6.345	939528	4.935 ug/ml
5) T A~2-methylnaphthalene...	6.998	782315	4.513 ug/mlm
6) T n-Tetradecane (C14)	8.132	916344	4.912 ug/ml
7) T n-Hexadecane (C16)	9.725	957506	4.983 ug/ml
8) T n-Octadecane (C18)	11.158	979759	5.029 ug/ml
10) T n-Eicosane (C20)	12.459	968154	5.123 ug/ml
11) T n-Heneicosane (C21)	13.066	969048	5.178 ug/ml
13) T n-Docosane (C22)	13.648	993706	5.247 ug/ml
14) T n-Tetracosane (C24)	14.743	1007422	5.190 ug/ml
15) T n-Hexacosane (C26)	15.756	997093	5.163 ug/ml
16) T n-Octacosane (C28)	16.699	1015523	5.227 ug/ml
17) T n-Tricontane (C30)	17.580	1033847	5.222 ug/ml
18) T n-Dotriacontane (C32)	18.407	1017656	5.263 ug/ml
19) T n-Tetratriacontane (C34)	19.185	954850	5.209 ug/ml
20) T n-Hexatriacontane (C36)	19.921	919885	5.233 ug/ml
21) T n-Octatriacontane (C38)	20.631	899240	5.212 ug/ml
22) T n-Tetracontane (C40)	21.487	862871	5.125 ug/ml

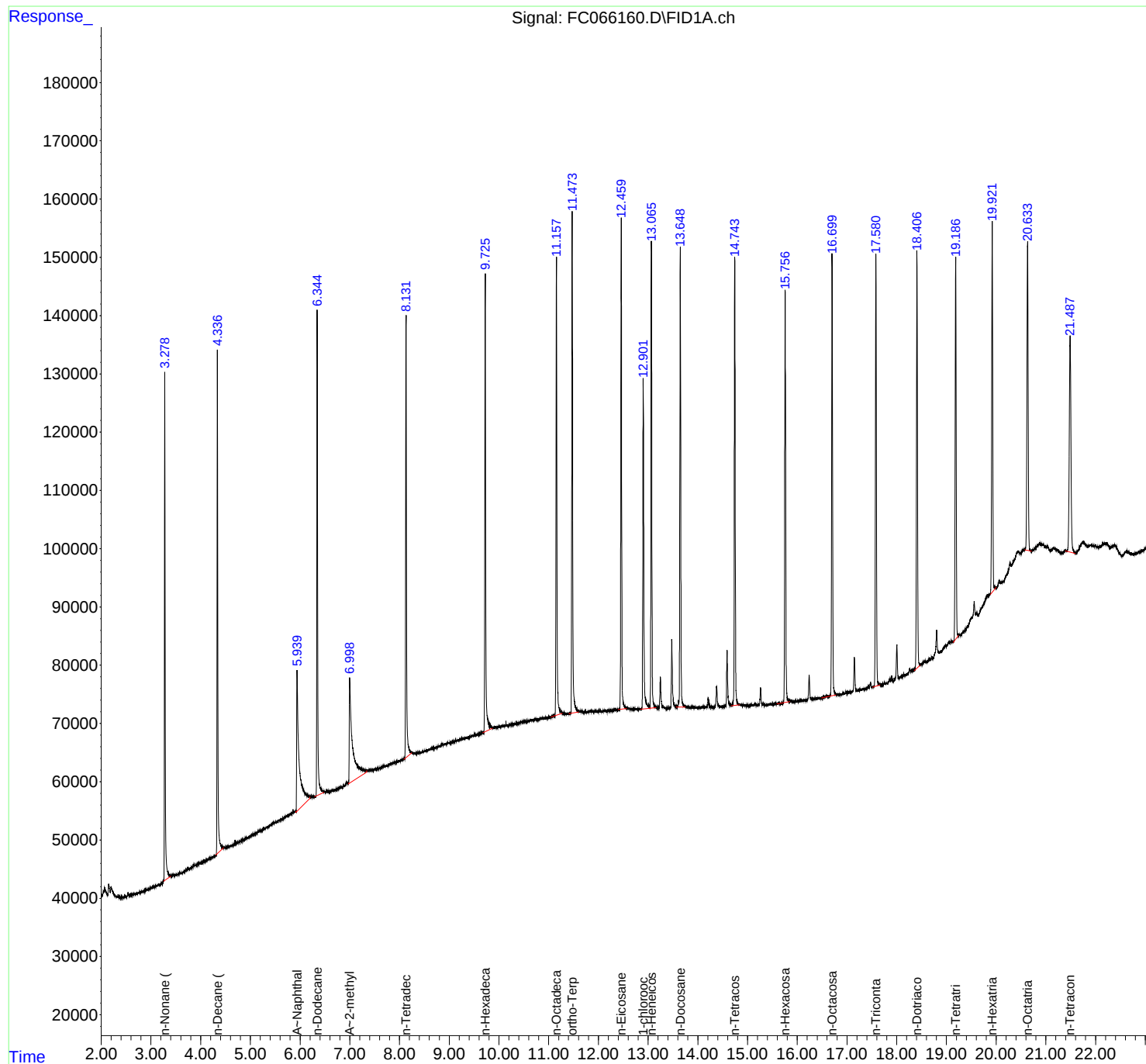
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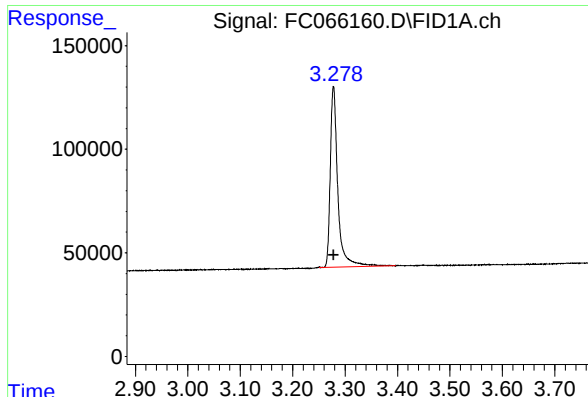
(m)=manual int.

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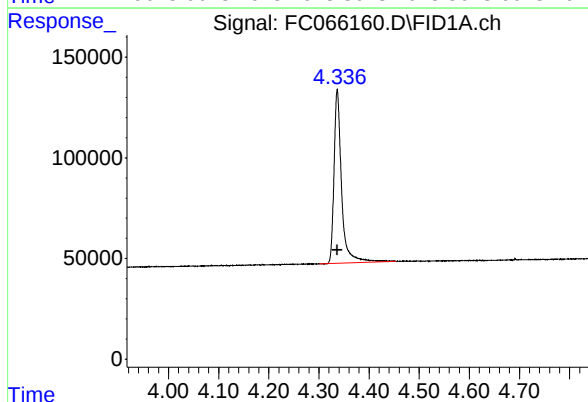
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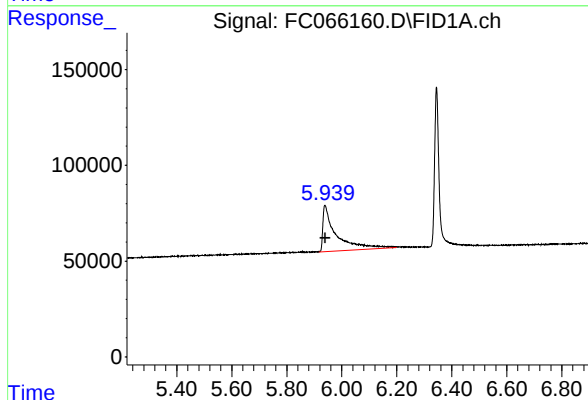
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 873716
Conc: 4.87 ug/ml



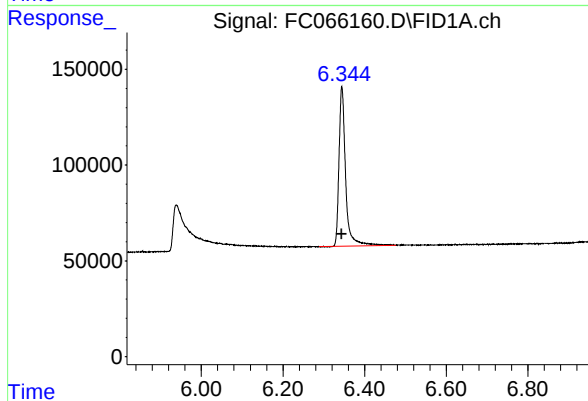
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 900371
Conc: 4.84 ug/ml



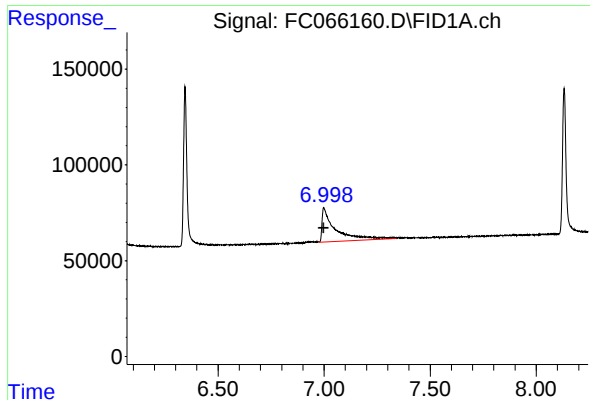
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 818863
Conc: 4.38 ug/ml m



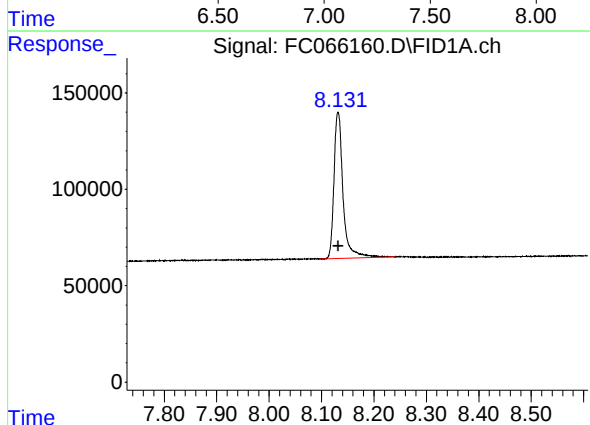
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 939528
Conc: 4.94 ug/ml



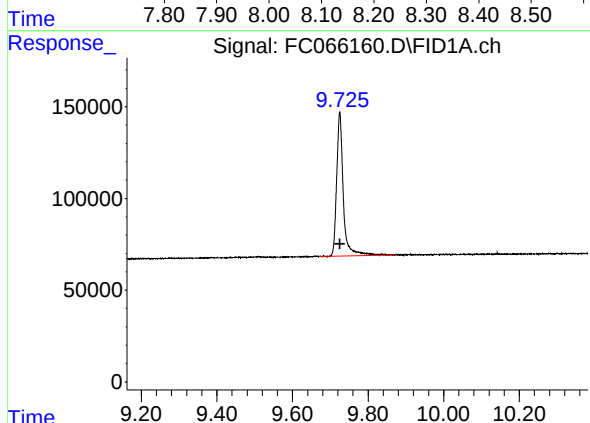
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 782315
Conc: 4.51 ug/ml m



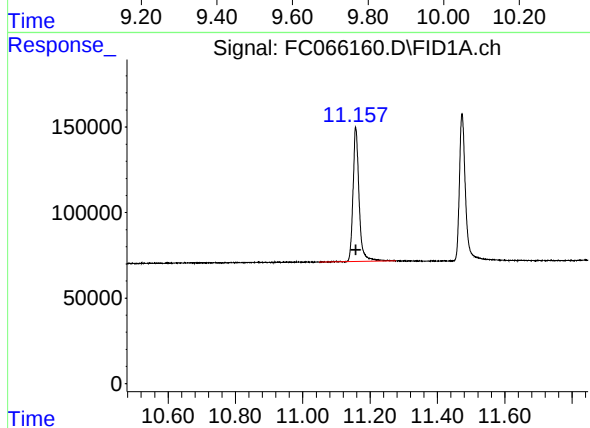
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 916344
Conc: 4.91 ug/ml



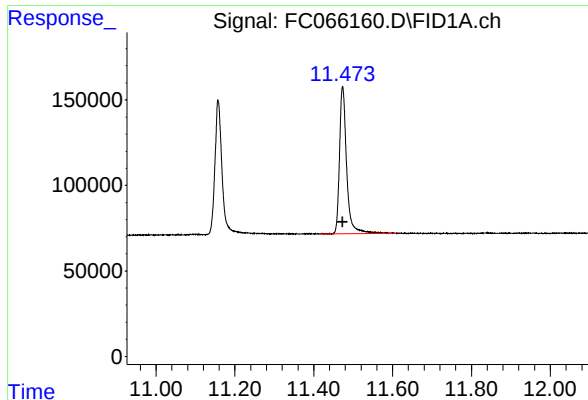
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: 0.000 min
Response: 957506
Conc: 4.98 ug/ml



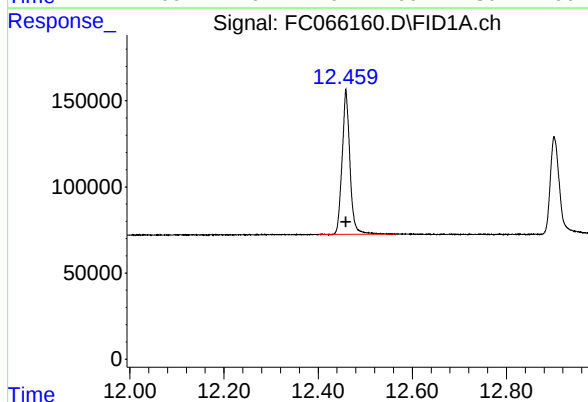
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 979759
Conc: 5.03 ug/ml



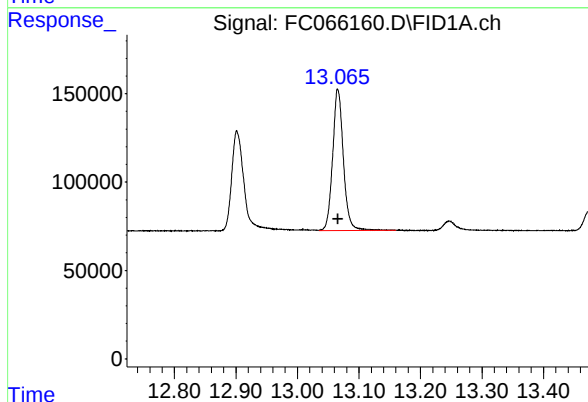
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.000 min
Response: 1081248
Conc: 5.12 ug/ml



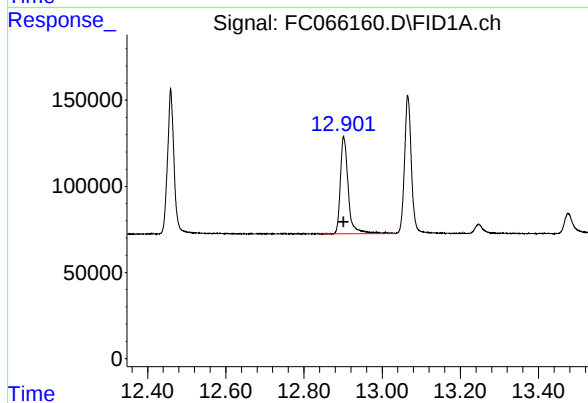
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: 0.000 min
Response: 968154
Conc: 5.12 ug/ml



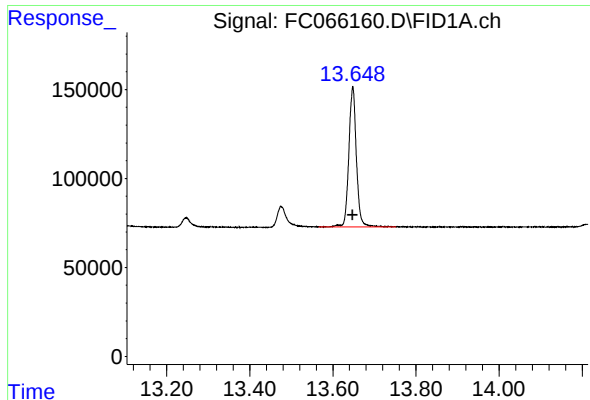
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.000 min
Response: 969048
Conc: 5.18 ug/ml



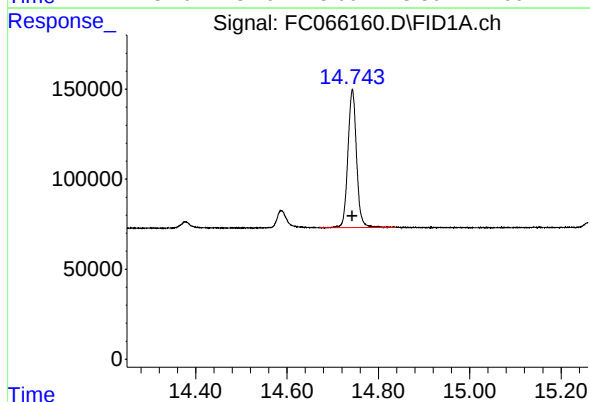
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 791092
Conc: 5.05 ug/ml



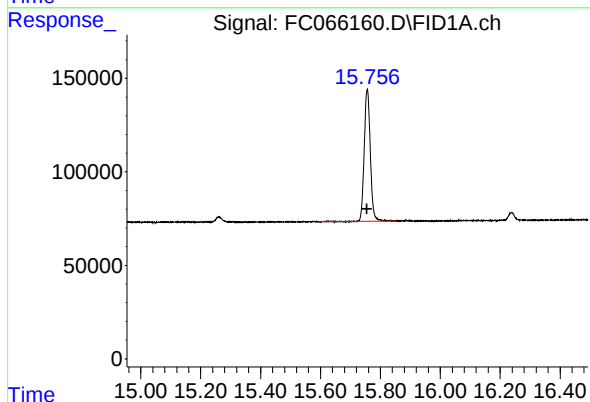
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 993706
Conc: 5.25 ug/ml



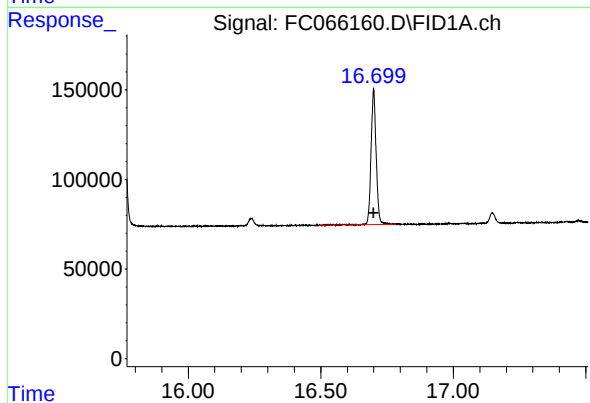
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: 0.000 min
Response: 1007422
Conc: 5.19 ug/ml



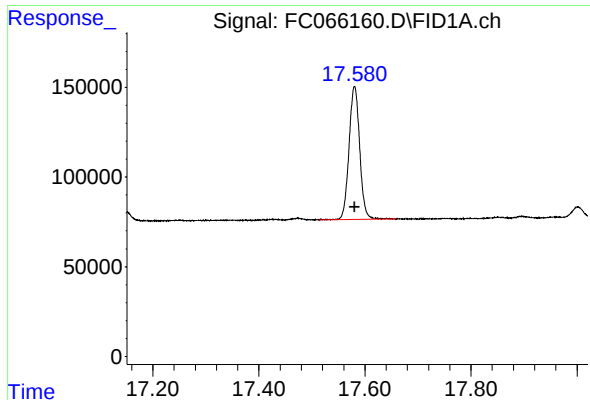
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: 0.000 min
Response: 997093
Conc: 5.16 ug/ml



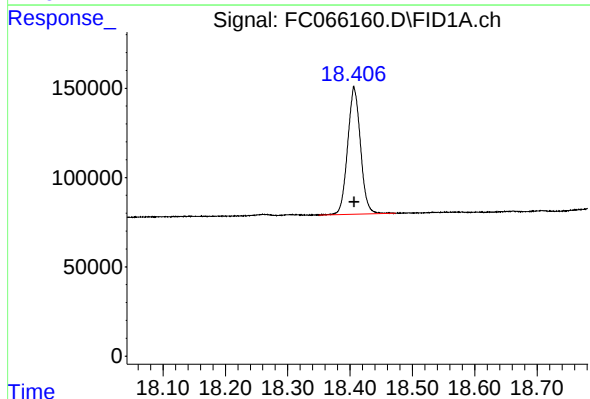
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: 0.000 min
Response: 1015523
Conc: 5.23 ug/ml



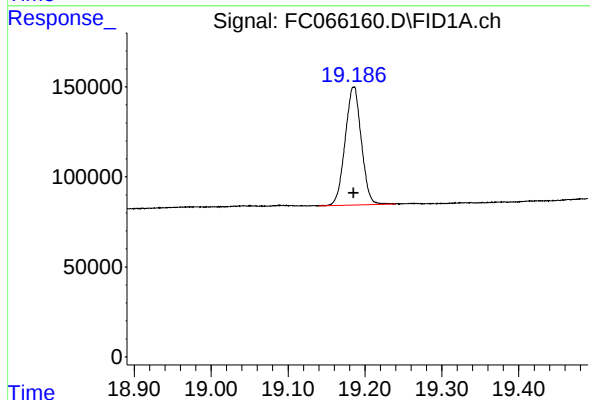
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 1033847
Conc: 5.22 ug/ml



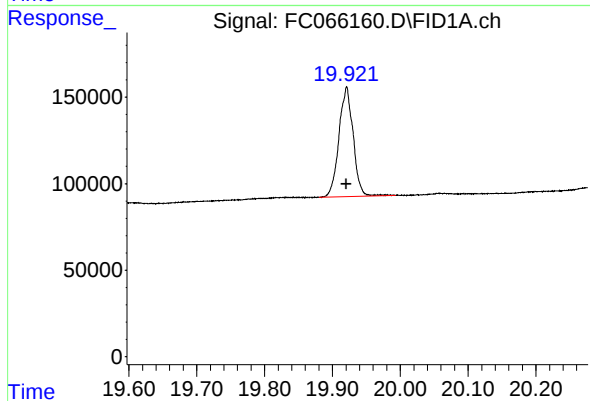
#18 n-Dotriacontane (C32)

R.T.: 18.407 min
Delta R.T.: 0.000 min
Response: 1017656
Conc: 5.26 ug/ml



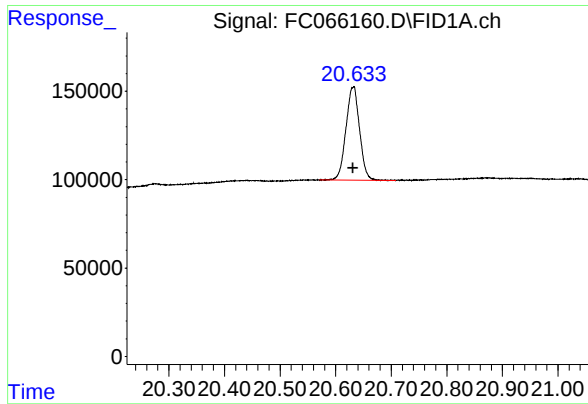
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: 0.000 min
Response: 954850
Conc: 5.21 ug/ml



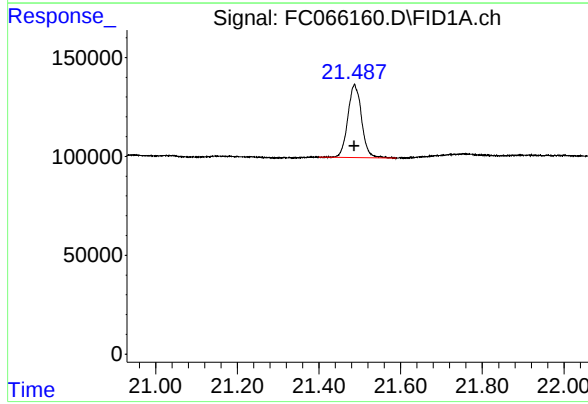
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: 0.000 min
Response: 919885
Conc: 5.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: 0.000 min
Response: 899240
Conc: 5.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.487 min
Delta R.T.: 0.000 min
Response: 862871
Conc: 5.12 ug/ml