

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040124AL\
 Data File : FC066161.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2024 12:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 13:36:02 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)	11.473	4306308	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.901	3173832	20.245 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.276	3732072	20.805 ug/ml
2) T n-Decane (C10)	4.335	3883588	20.884 ug/ml
3) T A~Naphthalene (C11.7)	5.921	3945258	20.674 ug/ml
4) T n-Dodecane (C12)	6.344	3944047	20.718 ug/ml
5) T A~2-methylnaphthalene...	6.975	3667964	20.713 ug/ml
6) T n-Tetradecane (C14)	8.131	3837283	20.571 ug/ml
7) T n-Hexadecane (C16)	9.724	3938091	20.495 ug/ml
8) T n-Octadecane (C18)	11.158	3981800	20.440 ug/ml
10) T n-Eicosane (C20)	12.459	3842299	20.330 ug/ml
11) T n-Heneicosane (C21)	13.067	3788136	20.240 ug/ml
13) T n-Docosane (C22)	13.649	3796764	20.049 ug/ml
14) T n-Tetracosane (C24)	14.744	3814172	19.650 ug/ml
15) T n-Hexacosane (C26)	15.758	3790146	19.626 ug/ml
16) T n-Octacosane (C28)	16.701	3772167	19.415 ug/ml
17) T n-Tricontane (C30)	17.583	3866365	19.529 ug/ml
18) T n-Dotriacontane (C32)	18.410	3810111	19.704 ug/ml
19) T n-Tetratriacontane (C34)	19.187	3680514	20.077 ug/ml
20) T n-Hexatriacontane (C36)	19.922	3536346	20.119 ug/ml
21) T n-Octatriacontane (C38)	20.633	3491494	20.236 ug/ml
22) T n-Tetracontane (C40)	21.487	3438166	20.420 ug/ml

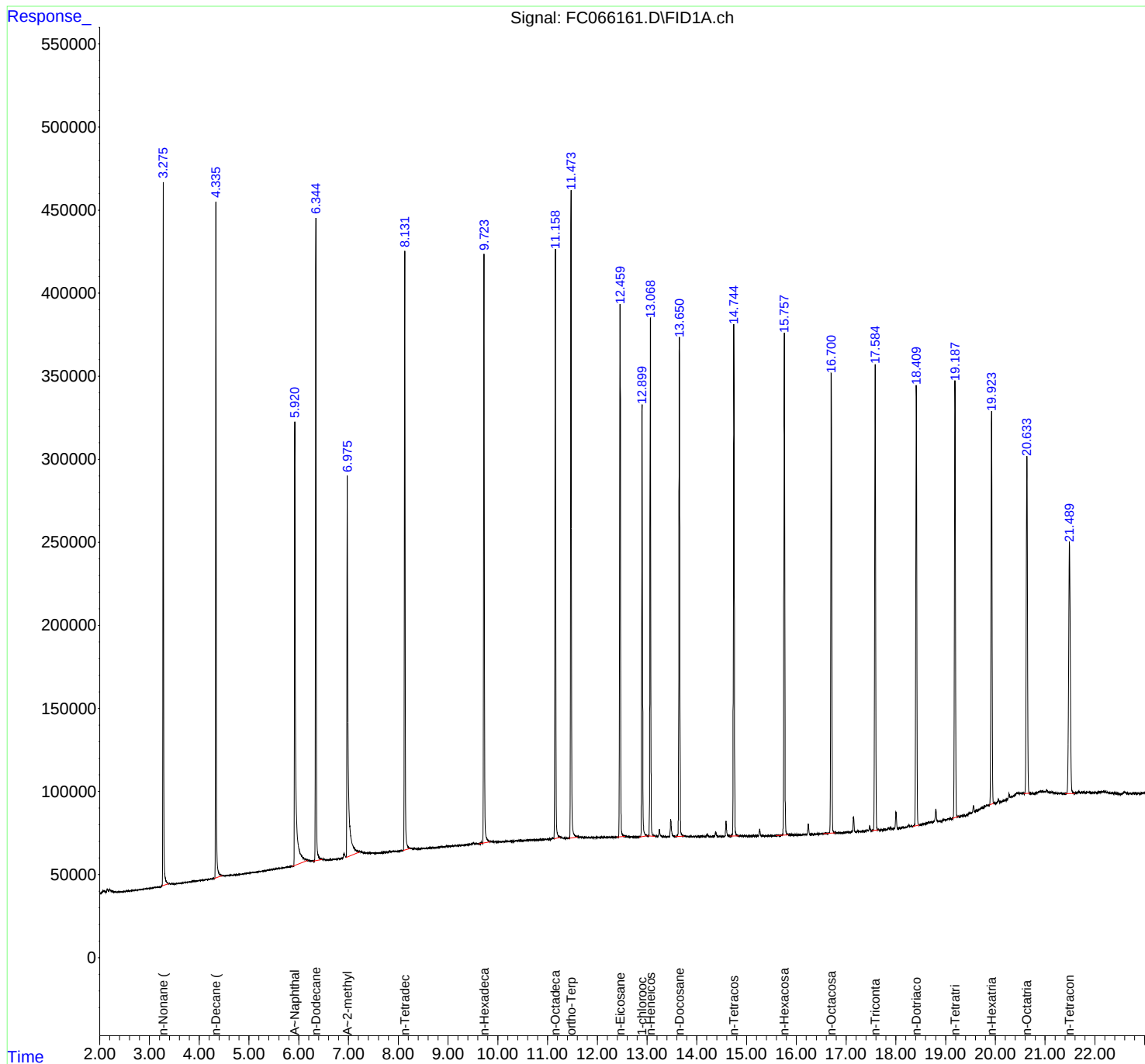
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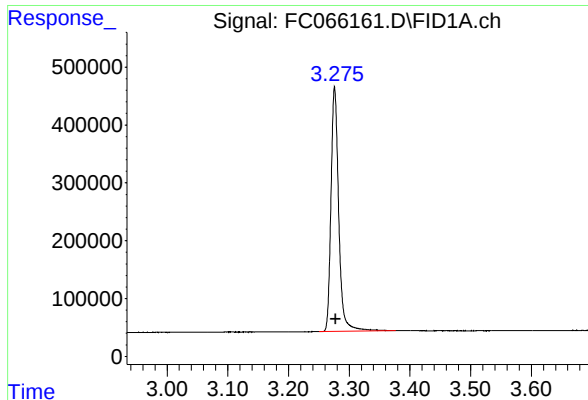
(m)=manual int.

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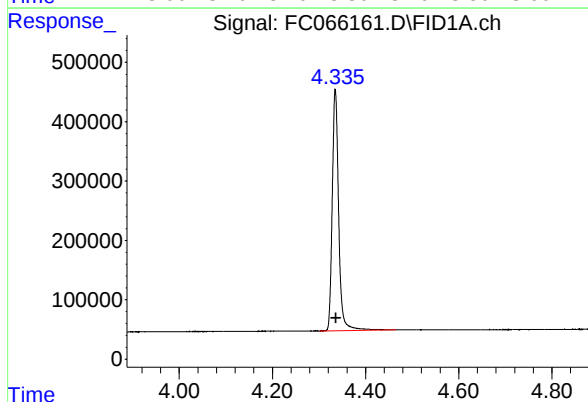
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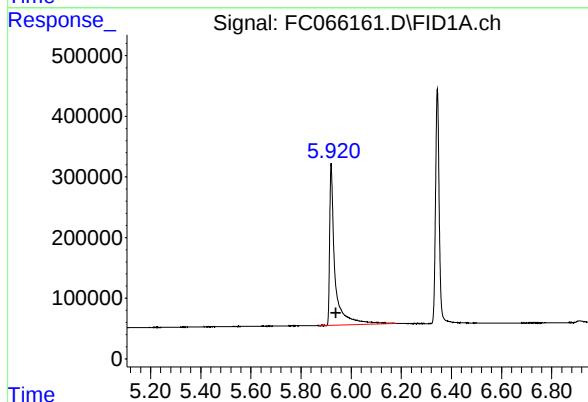
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.002 min
Response: 3732072
Conc: 20.81 ug/ml



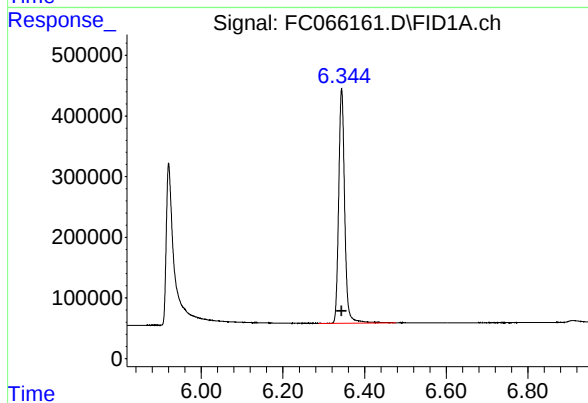
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 3883588
Conc: 20.88 ug/ml



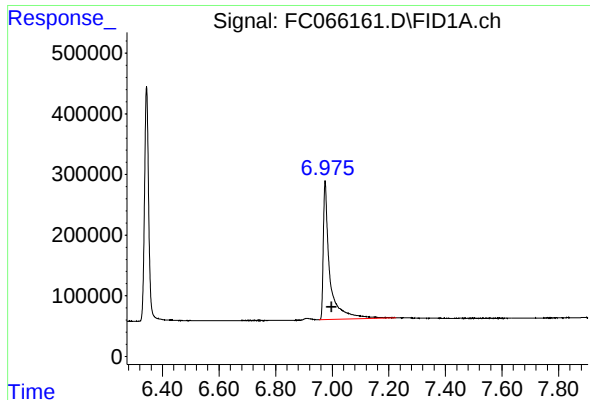
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.019 min
Response: 3945258
Conc: 20.67 ug/ml



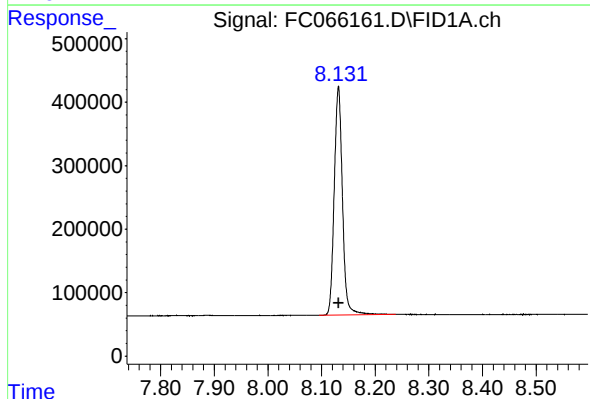
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 3944047
Conc: 20.72 ug/ml



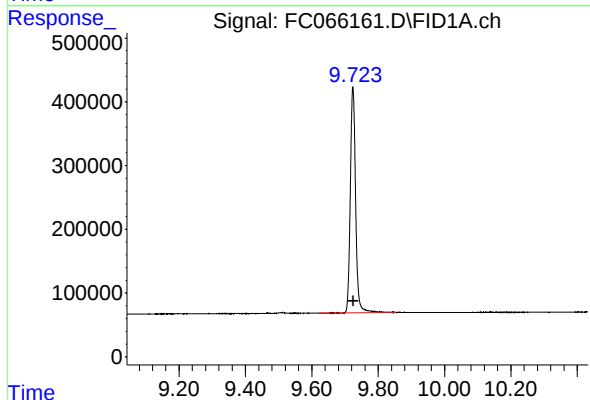
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.022 min
Response: 3667964
Conc: 20.71 ug/ml



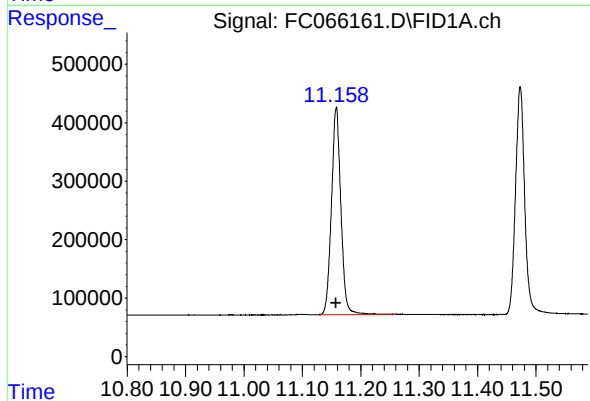
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 3837283
Conc: 20.57 ug/ml



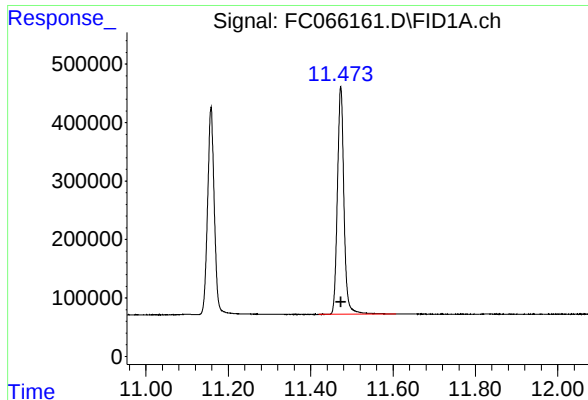
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.001 min
Response: 3938091
Conc: 20.49 ug/ml



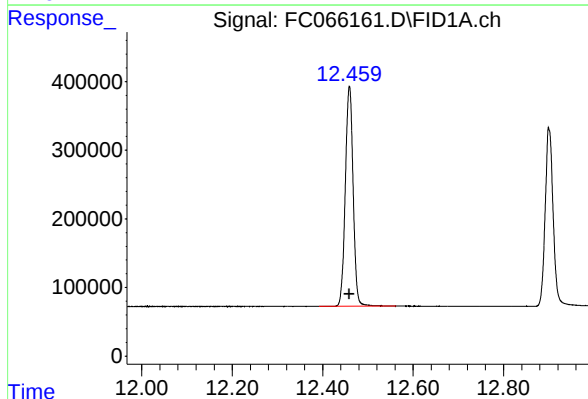
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 3981800
Conc: 20.44 ug/ml



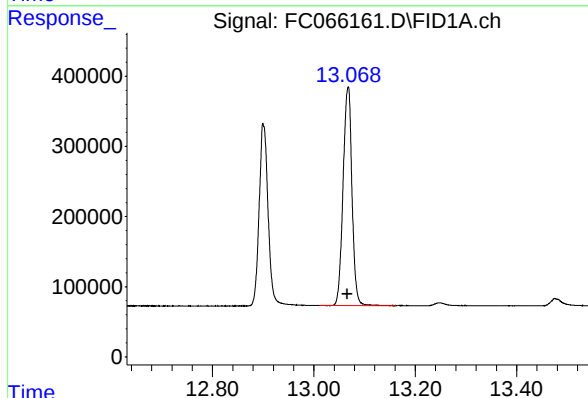
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.000 min
Response: 4306308
Conc: 20.39 ug/ml



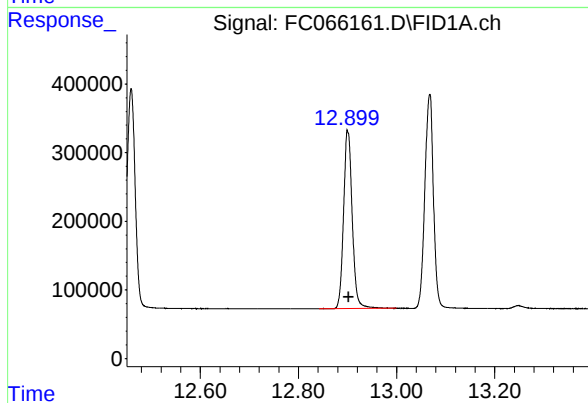
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: 0.000 min
Response: 3842299
Conc: 20.33 ug/ml



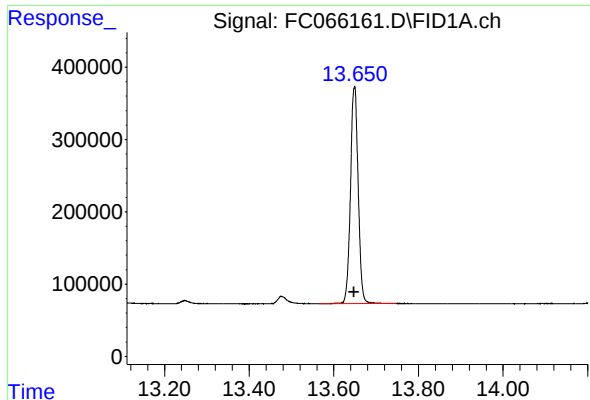
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: 0.001 min
Response: 3788136
Conc: 20.24 ug/ml



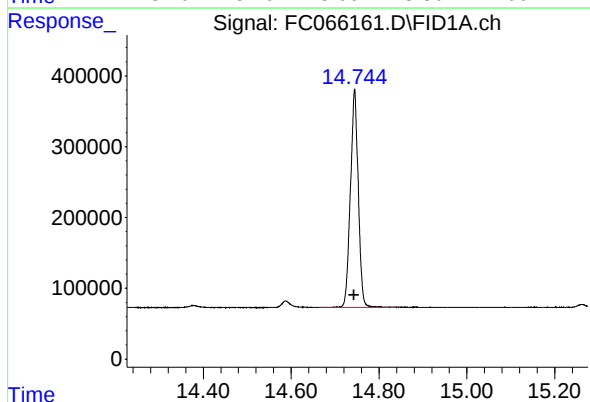
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.001 min
Response: 3173832
Conc: 20.24 ug/ml



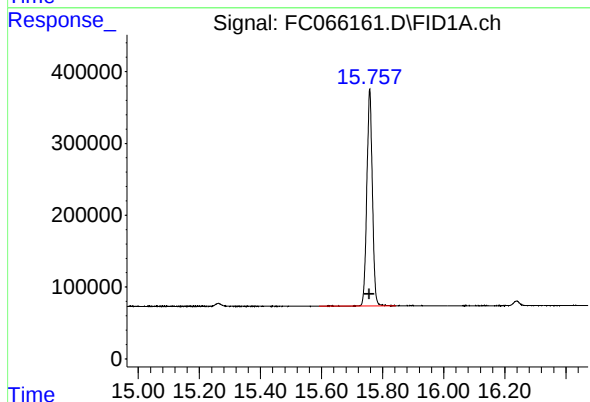
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: 0.000 min
Response: 3796764
Conc: 20.05 ug/ml



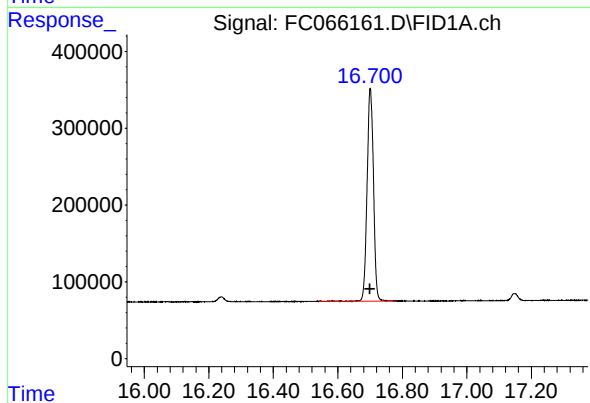
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: 0.001 min
Response: 3814172
Conc: 19.65 ug/ml



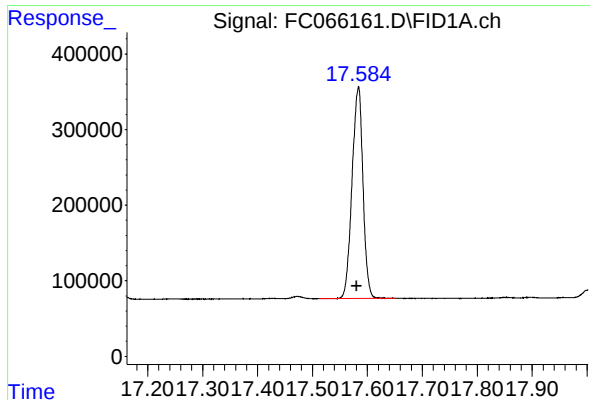
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.002 min
Response: 3790146
Conc: 19.63 ug/ml



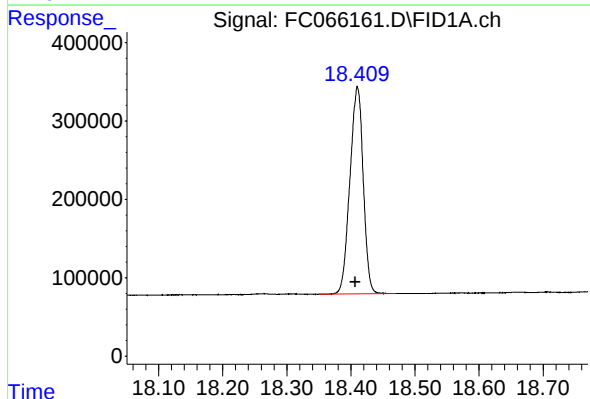
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: 0.001 min
Response: 3772167
Conc: 19.42 ug/ml



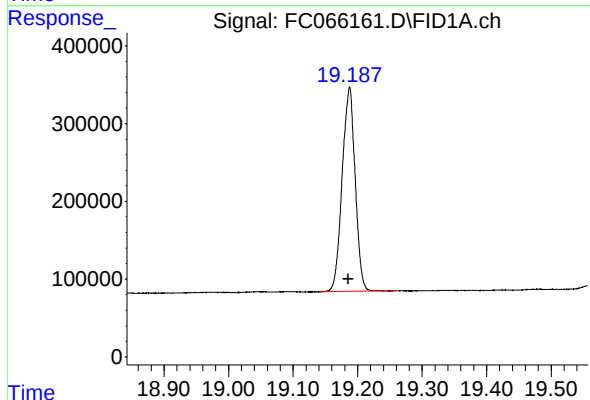
#17 n-Tricontane (C30)

R.T.: 17.583 min
Delta R.T.: 0.003 min
Response: 3866365
Conc: 19.53 ug/ml



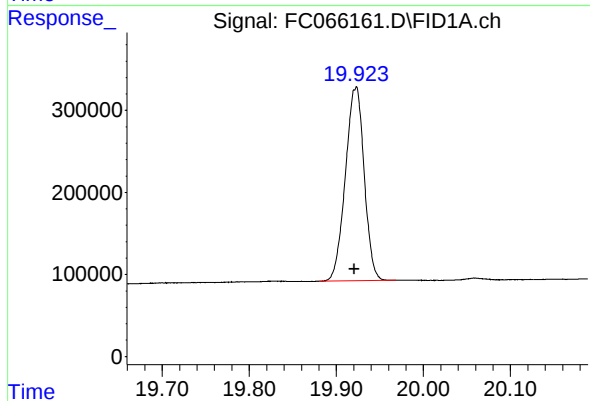
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: 0.003 min
Response: 3810111
Conc: 19.70 ug/ml



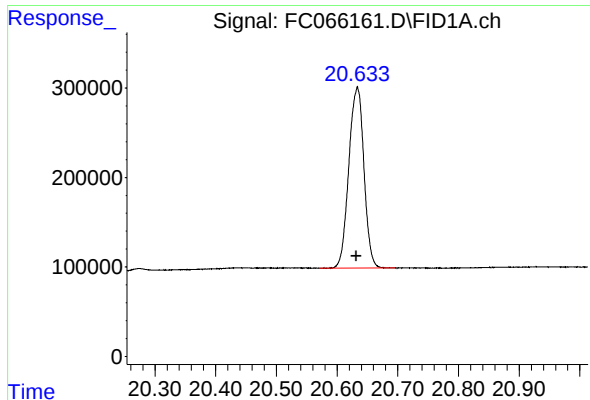
#19 n-Tetatriacontane (C34)

R.T.: 19.187 min
Delta R.T.: 0.002 min
Response: 3680514
Conc: 20.08 ug/ml



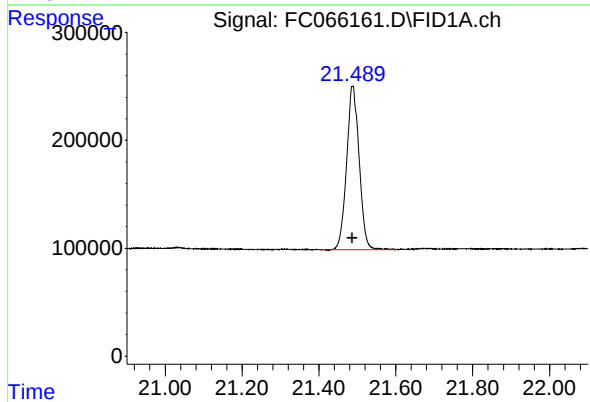
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: 0.002 min
Response: 3536346
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: 0.002 min
Response: 3491494
Conc: 20.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.487 min
Delta R.T.: 0.000 min
Response: 3438166
Conc: 20.42 ug/ml