

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032724AL\
 Data File : FC066112.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2024 13:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 01:16:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.470	3562572	18.229 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	12.898	2657365	18.227 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
Target Compounds			
1) T n-Nonane (C9)	3.276	2953503	17.678 ug/ml
2) T n-Decane (C10)	4.336	3080489	17.762 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3294828	18.360 ug/ml
4) T n-Dodecane (C12)	6.344	3192639	18.117 ug/ml
5) T A~2-methylnaphthalene...	6.978	2963907	17.400 ug/ml
6) T n-Tetradecane (C14)	8.131	3087001	17.752 ug/ml
7) T n-Hexadecane (C16)	9.723	3200061	17.912 ug/ml
8) T n-Octadecane (C18)	11.155	3302221	18.168 ug/ml
10) T n-Eicosane (C20)	12.456	3185351	18.242 ug/ml
11) T n-Heneicosane (C21)	13.063	3186716	18.380 ug/ml
13) T n-Docosane (C22)	13.644	3265237	18.986 ug/ml
14) T n-Tetracosane (C24)	14.740	3350727	19.618 ug/ml
15) T n-Hexacosane (C26)	15.752	3374688	20.041 ug/ml
16) T n-Octacosane (C28)	16.695	3493588	21.013 ug/ml
17) T n-Tricontane (C30)	17.576	3726335	21.825 ug/ml
18) T n-Dotriacontane (C32)	18.402	3601936	21.367 ug/ml
19) T n-Tetratriacontane (C34)	19.179	3468452	21.163 ug/ml
20) T n-Hexatriacontane (C36)	19.913	2908471	18.293 ug/ml
21) T n-Octatriacontane (C38)	20.622	3012717	19.234 ug/ml
22) T n-Tetracontane (C40)	21.476	2862529	18.102 ug/ml

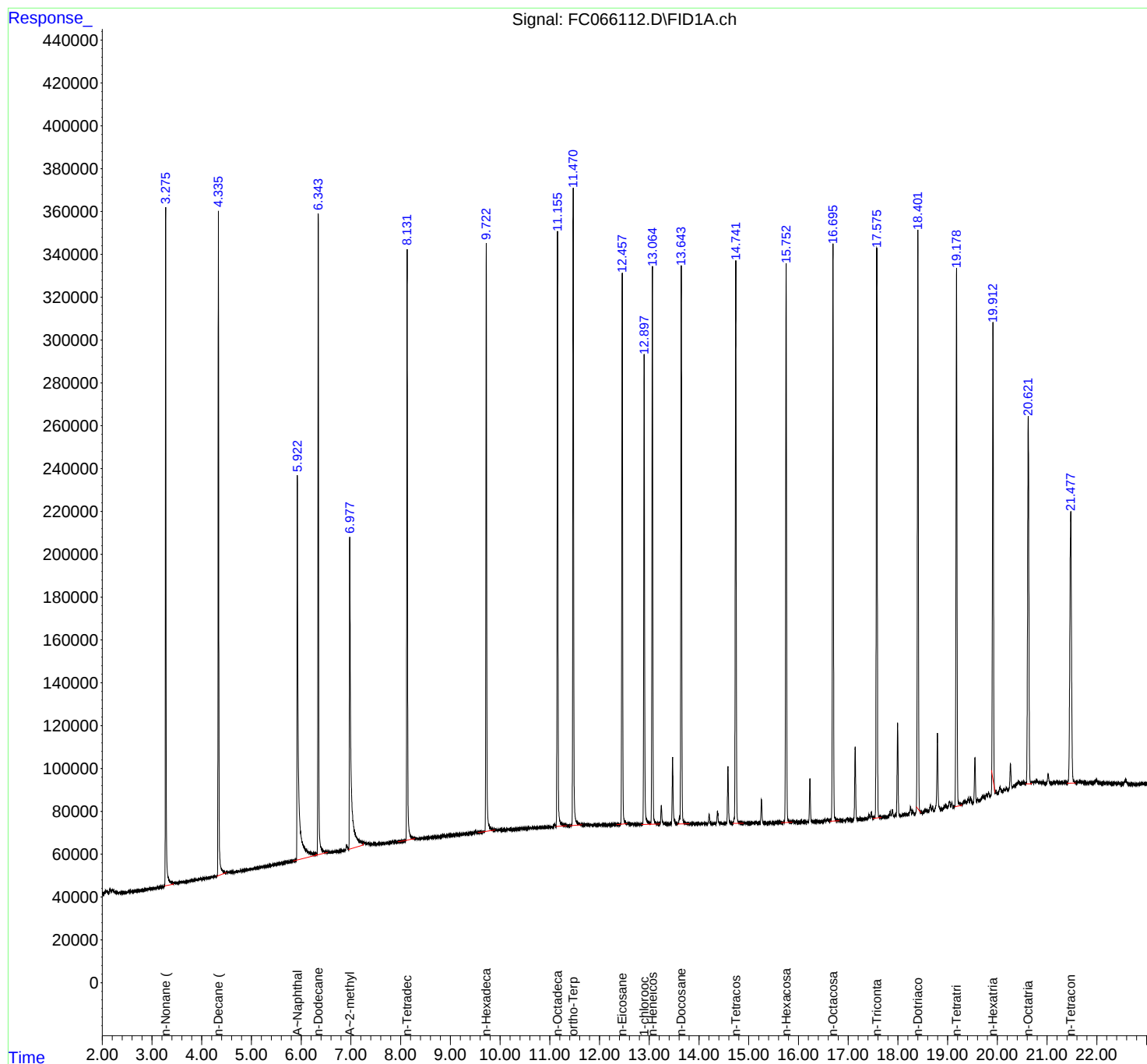
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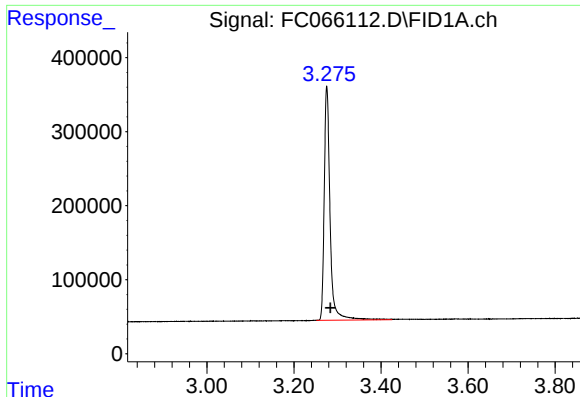
(m)=manual int.

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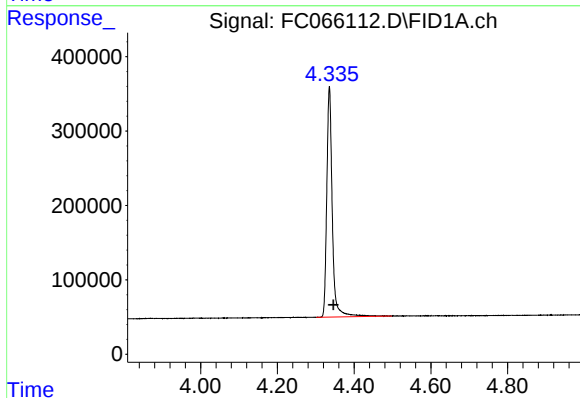
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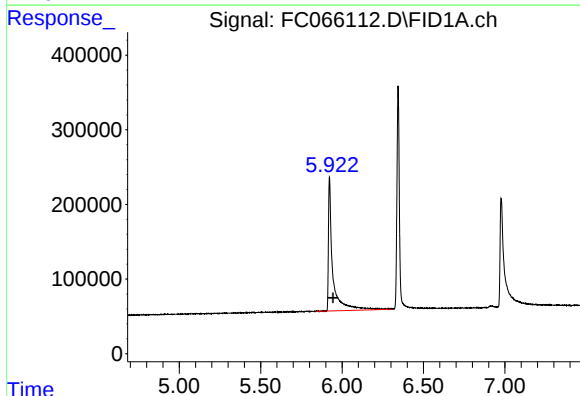
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.008 min
Response: 2953503
Conc: 17.68 ug/ml



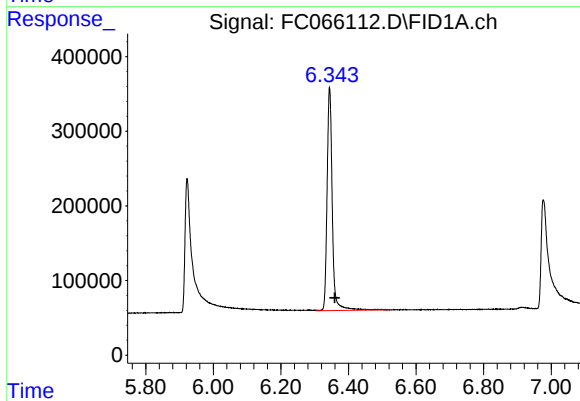
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.011 min
Response: 3080489
Conc: 17.76 ug/ml



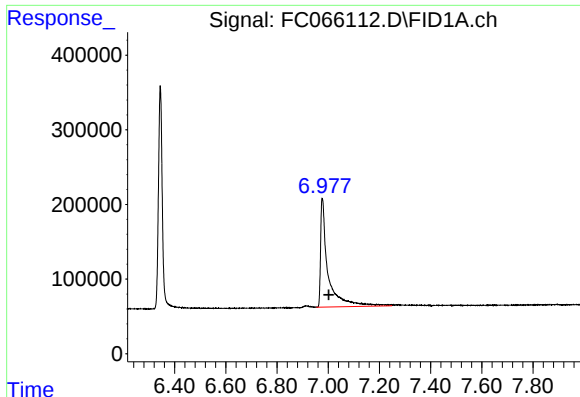
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3294828
Conc: 18.36 ug/ml



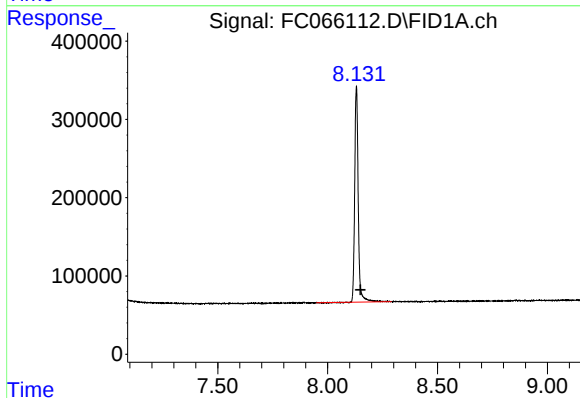
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 3192639
Conc: 18.12 ug/ml



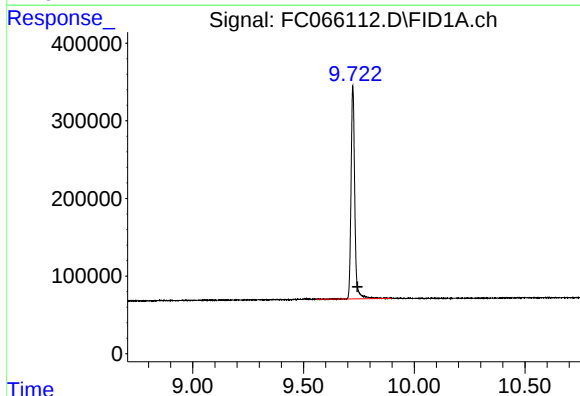
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.025 min
Response: 2963907
Conc: 17.40 ug/ml



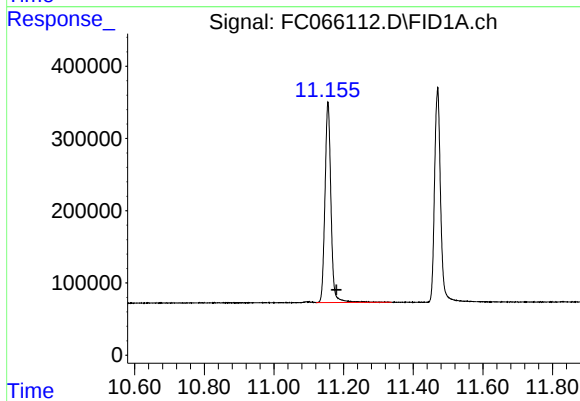
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 3087001
Conc: 17.75 ug/ml



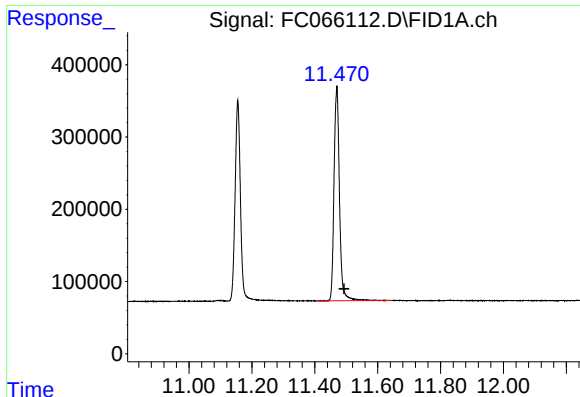
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.021 min
Response: 3200061
Conc: 17.91 ug/ml



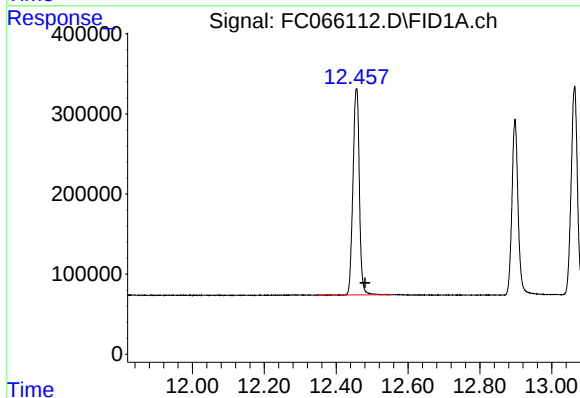
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 3302221
Conc: 18.17 ug/ml



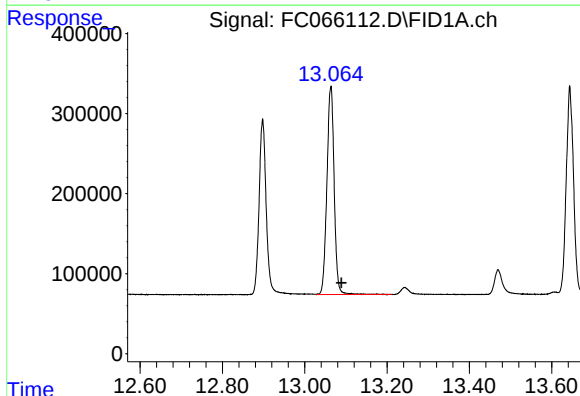
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.023 min
Response: 3562572
Conc: 18.23 ug/ml



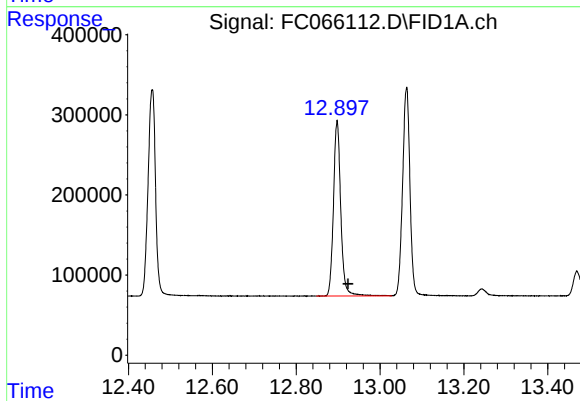
#10 n-Eicosane (C20)

R.T.: 12.456 min
Delta R.T.: -0.024 min
Response: 3185351
Conc: 18.24 ug/ml



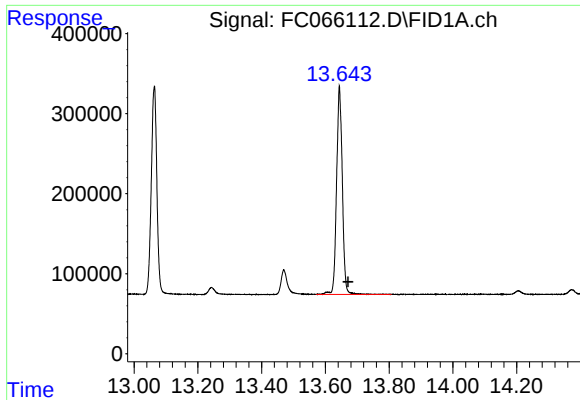
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.025 min
Response: 3186716
Conc: 18.38 ug/ml



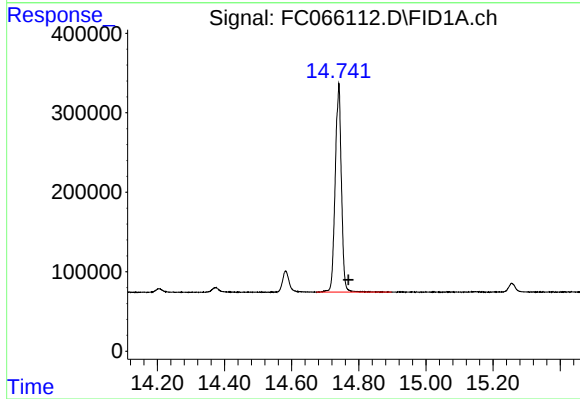
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.026 min
Response: 2657365
Conc: 18.23 ug/ml



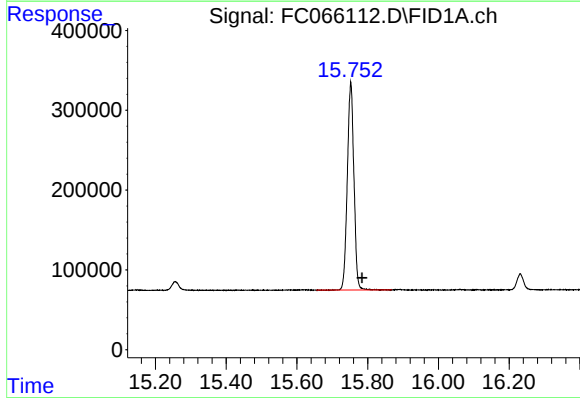
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.027 min
Response: 3265237
Conc: 18.99 ug/ml



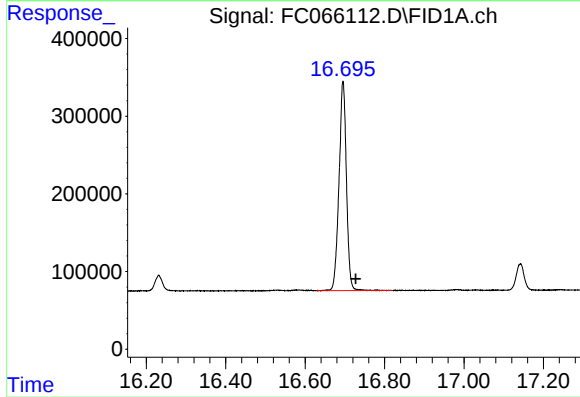
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.029 min
Response: 3350727
Conc: 19.62 ug/ml



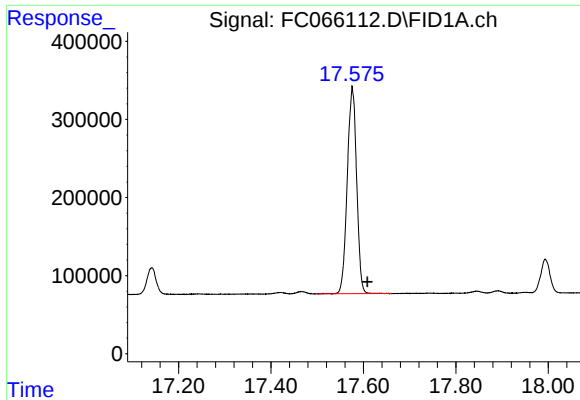
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.032 min
Response: 3374688
Conc: 20.04 ug/ml



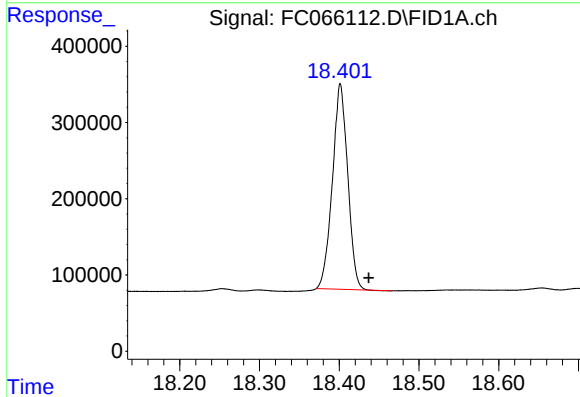
#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.032 min
Response: 3493588
Conc: 21.01 ug/ml



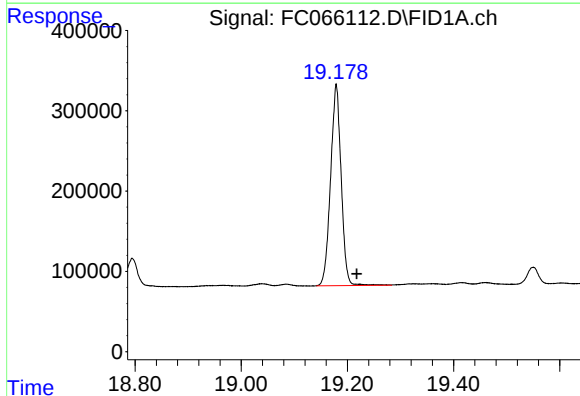
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.033 min
Response: 3726335
Conc: 21.82 ug/ml



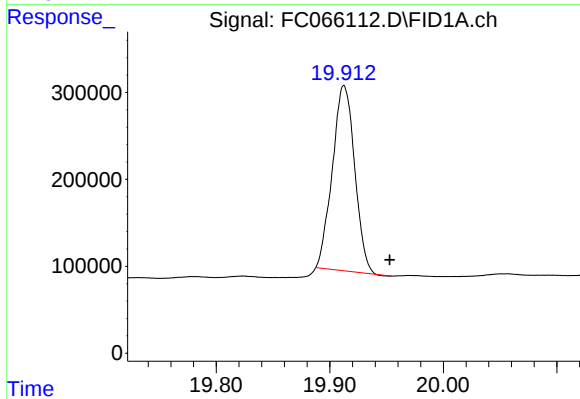
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.035 min
Response: 3601936
Conc: 21.37 ug/ml



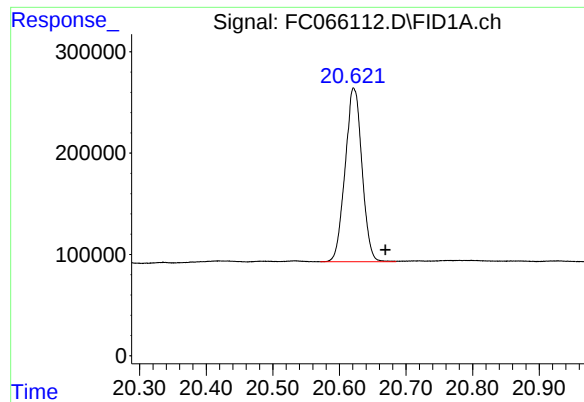
#19 n-Tetratriacontane (C34)

R.T.: 19.179 min
Delta R.T.: -0.039 min
Response: 3468452
Conc: 21.16 ug/ml



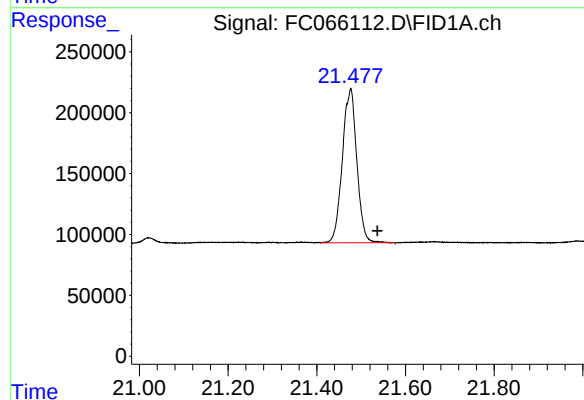
#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.040 min
Response: 2908471
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.047 min
Response: 3012717
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.061 min
Response: 2862529
Conc: 18.10 ug/ml