

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120623AL\
 Data File : FC065345.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2023 07:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 07 00:04:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 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)	11.502	4276436	18.433 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
12) S 1-chlorooctadecane (S...	12.934	2989029	18.051 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.301	3584888	17.903 ug/ml
2) T n-Decane (C10)	4.361	3718635	18.501 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3748733	18.464 ug/ml
4) T n-Dodecane (C12)	6.371	3756149	18.471 ug/ml
5) T A~2-methylnaphthalene...	6.997	3581990	18.429 ug/ml
6) T n-Tetradecane (C14)	8.159	3638251	18.307 ug/ml
7) T n-Hexadecane (C16)	9.753	3638312	18.367 ug/ml
8) T n-Octadecane (C18)	11.188	3610593	18.229 ug/ml
10) T n-Eicosane (C20)	12.492	3479695	18.388 ug/ml
11) T n-Heneicosane (C21)	13.101	3391207	18.353 ug/ml
13) T n-Docosane (C22)	13.684	3401056	18.852 ug/ml
14) T n-Tetracosane (C24)	14.783	3407836	19.656 ug/ml
15) T n-Hexacosane (C26)	15.798	3323294	19.958 ug/ml
16) T n-Octacosane (C28)	16.743	3309377	20.691 ug/ml
17) T n-Tricontane (C30)	17.626	3376212	21.203 ug/ml
18) T n-Dotriacontane (C32)	18.456	3290434	20.931 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3048306	19.753 ug/ml
20) T n-Hexatriacontane (C36)	19.971	2830803	18.467 ug/ml
21) T n-Octatriacontane (C38)	20.690	2640989	17.368 ug/ml
22) T n-Tetracontane (C40)	21.564	2407931	16.063 ug/ml

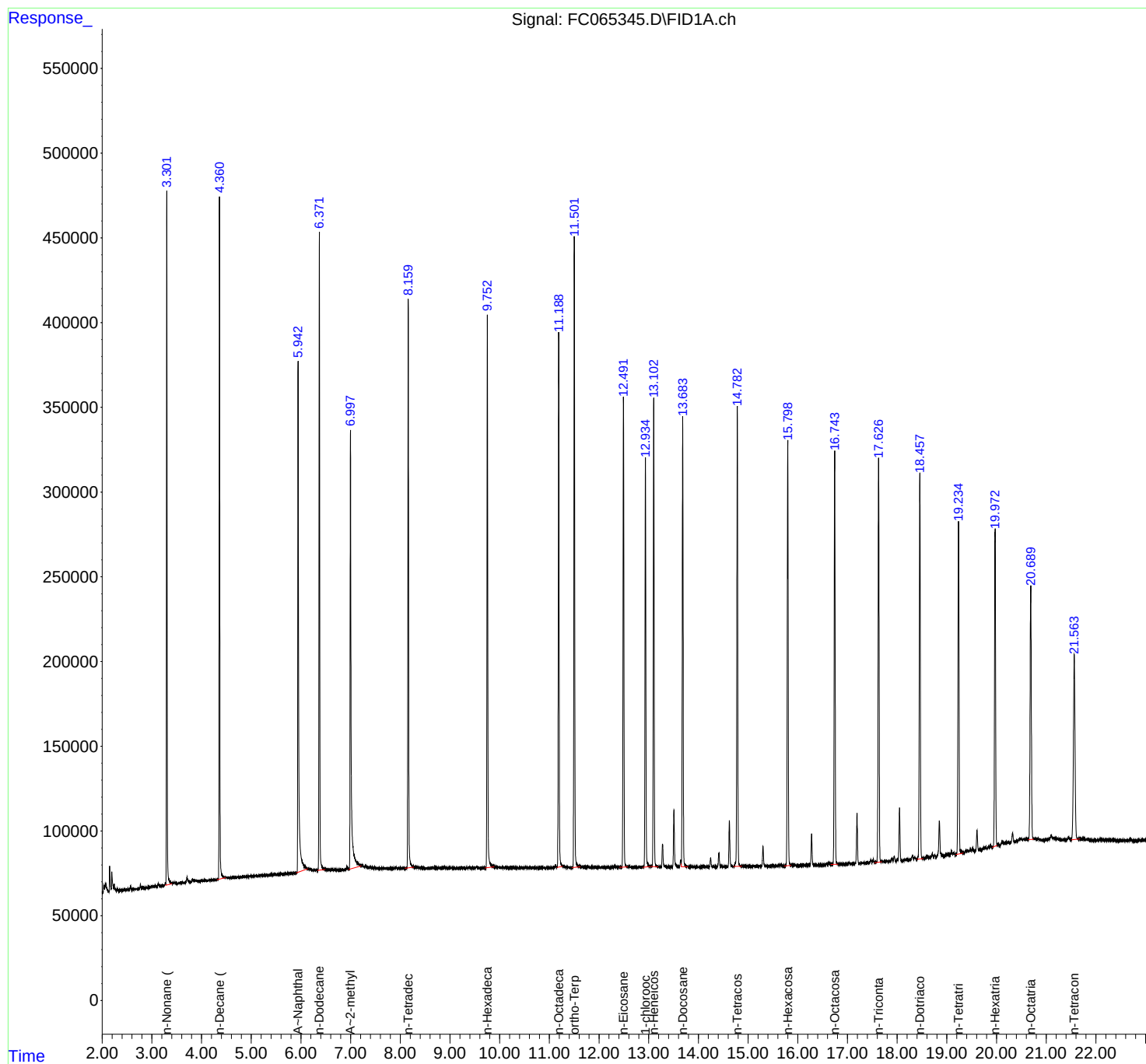
(f)=RT Delta > 1/2 Window

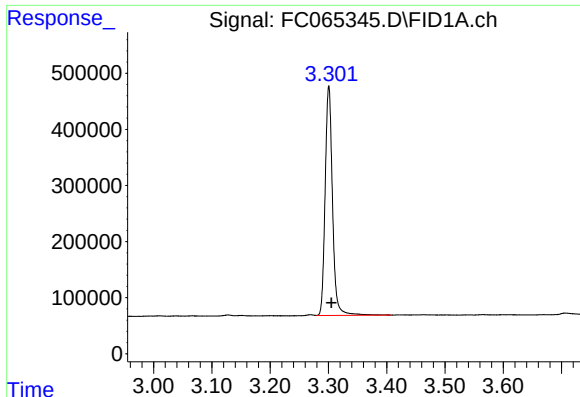
(m)=manual int.

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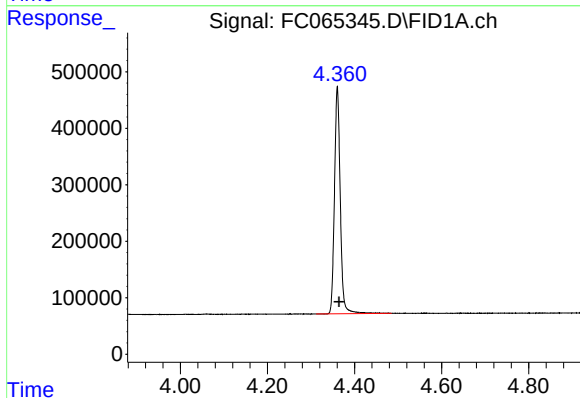
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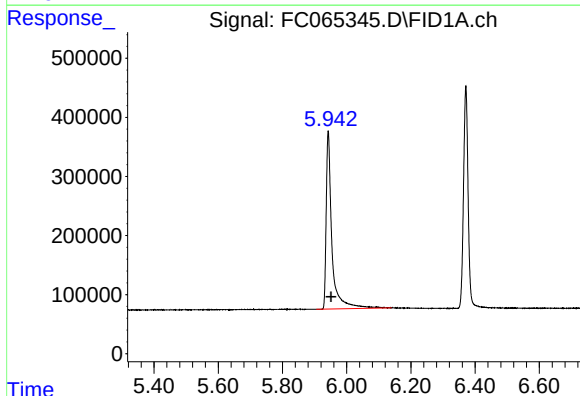
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.004 min
Response: 358488
Conc: 17.90 ug/ml



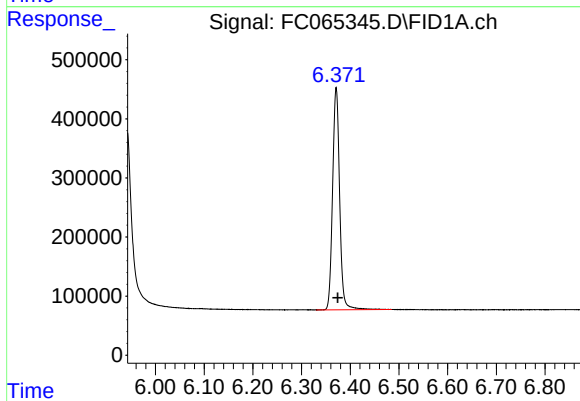
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 3718635
Conc: 18.50 ug/ml



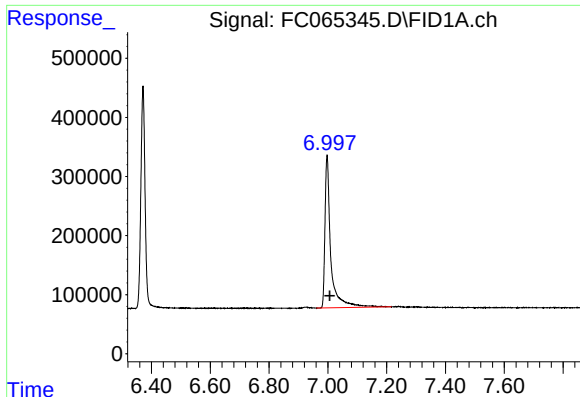
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3748733
Conc: 18.46 ug/ml



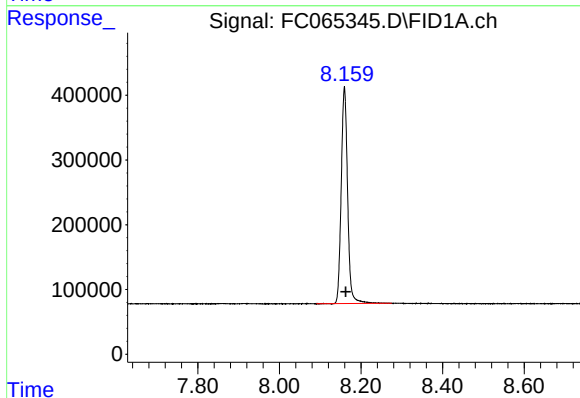
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.003 min
Response: 3756149
Conc: 18.47 ug/ml



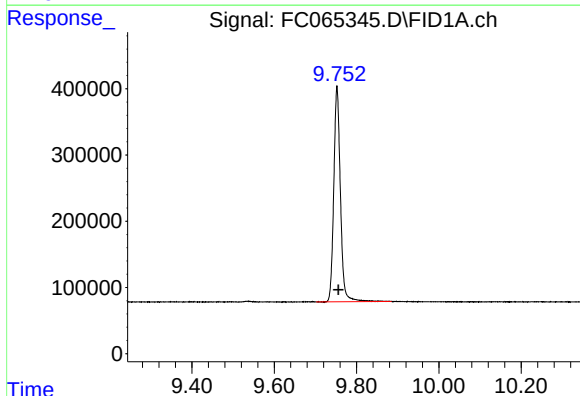
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 3581990
Conc: 18.43 ug/ml



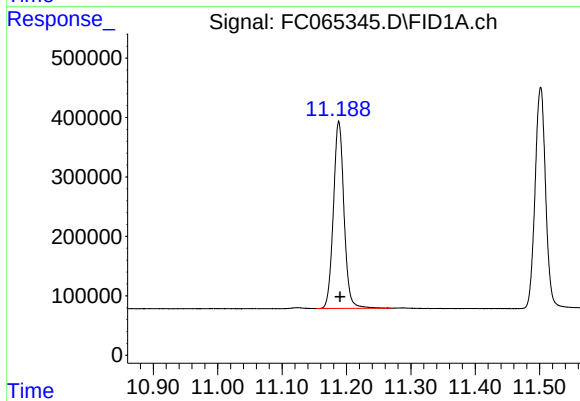
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 3638251
Conc: 18.31 ug/ml



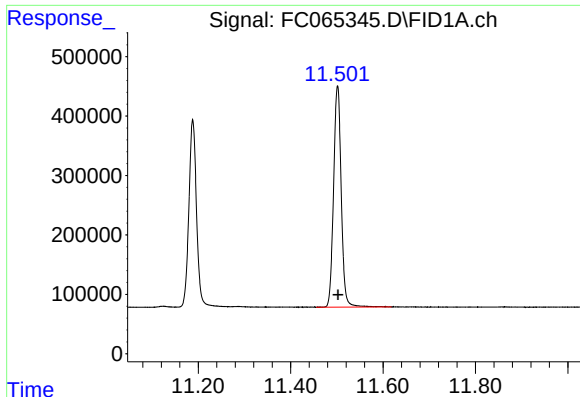
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.003 min
Response: 3638312
Conc: 18.37 ug/ml



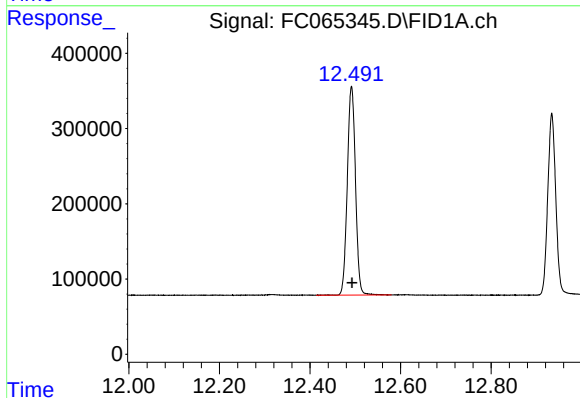
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: -0.002 min
Response: 3610593
Conc: 18.23 ug/ml



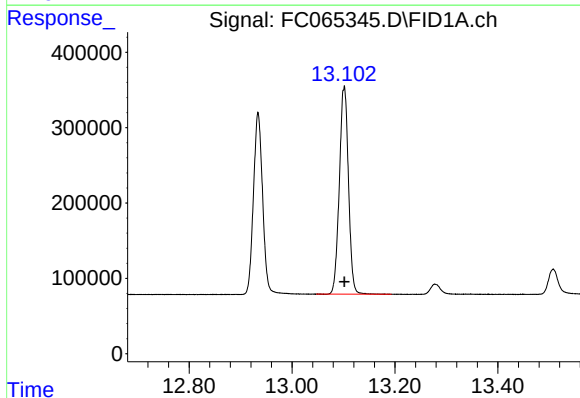
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.001 min
Response: 4276436
Conc: 18.43 ug/ml



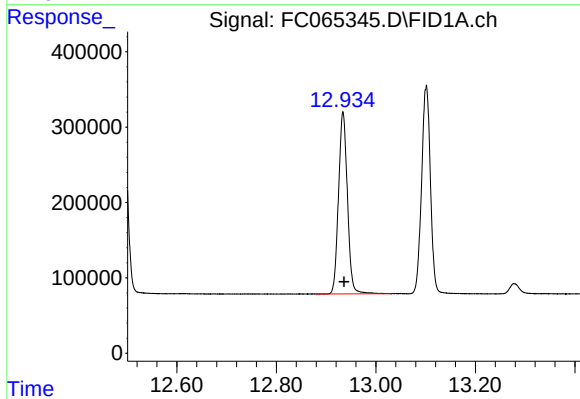
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 3479695
Conc: 18.39 ug/ml



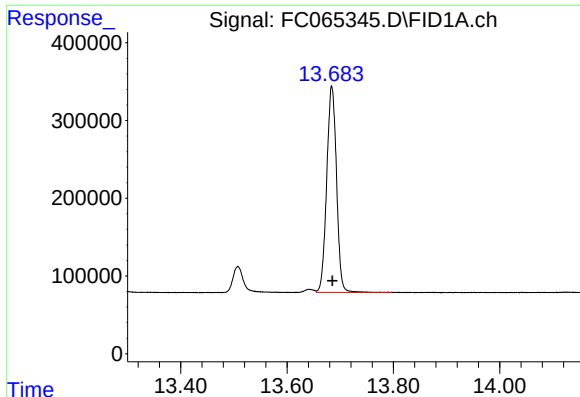
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.000 min
Response: 3391207
Conc: 18.35 ug/ml



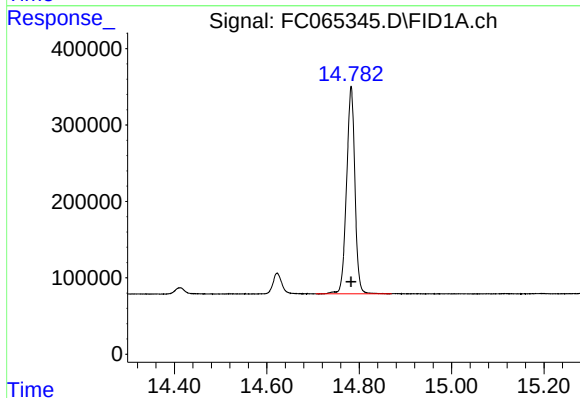
#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: -0.002 min
Response: 2989029
Conc: 18.05 ug/ml



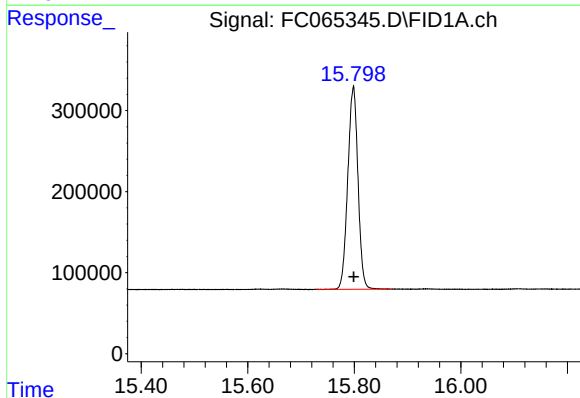
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.000 min
Response: 3401056
Conc: 18.85 ug/ml



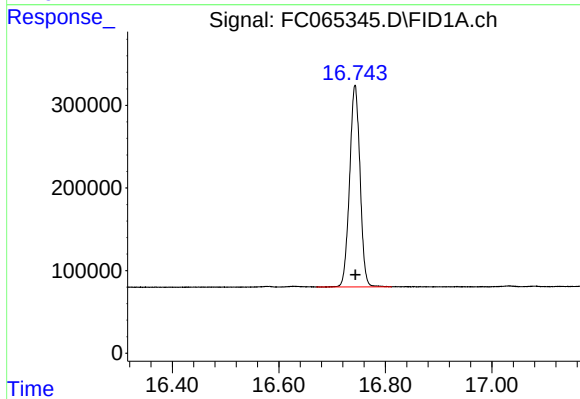
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.000 min
Response: 3407836
Conc: 19.66 ug/ml



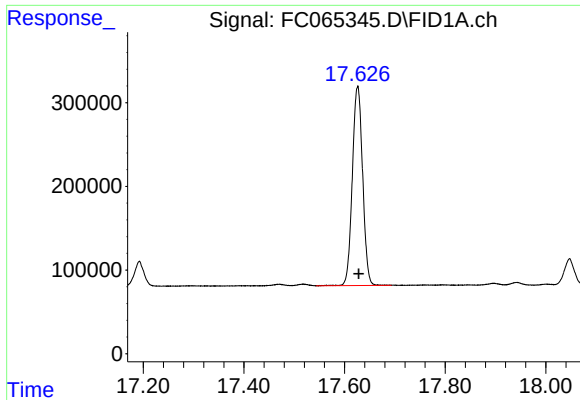
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.000 min
Response: 3323294
Conc: 19.96 ug/ml



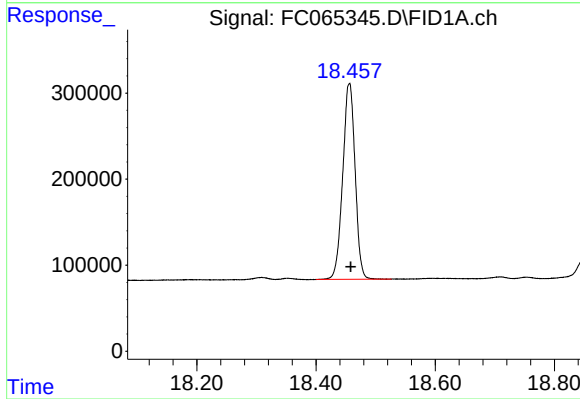
#16 n-Octacosane (C28)

R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 3309377
Conc: 20.69 ug/ml



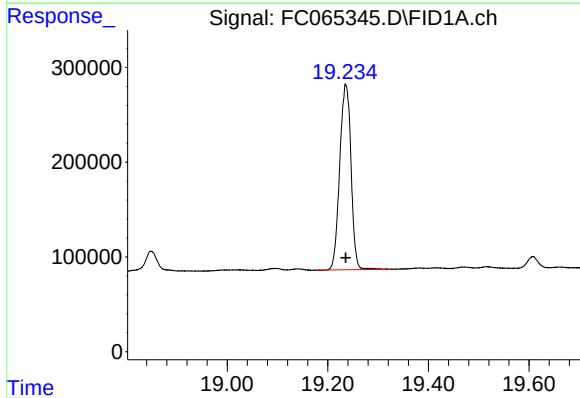
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.002 min
Response: 3376212
Conc: 21.20 ug/ml



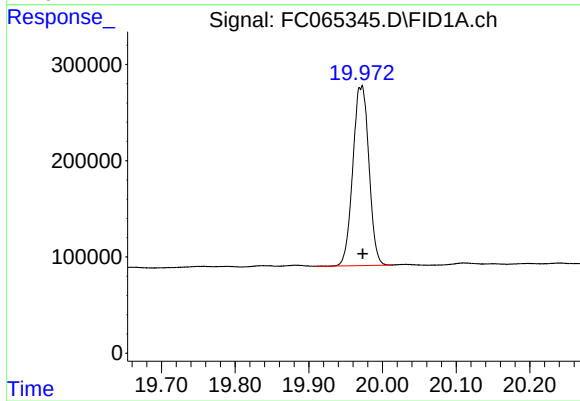
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.003 min
Response: 3290434
Conc: 20.93 ug/ml



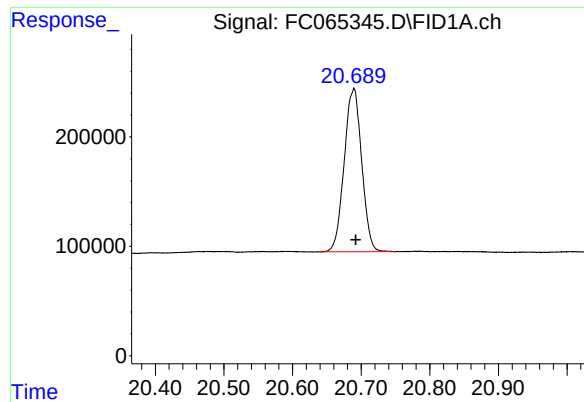
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.000 min
Response: 3048306
Conc: 19.75 ug/ml



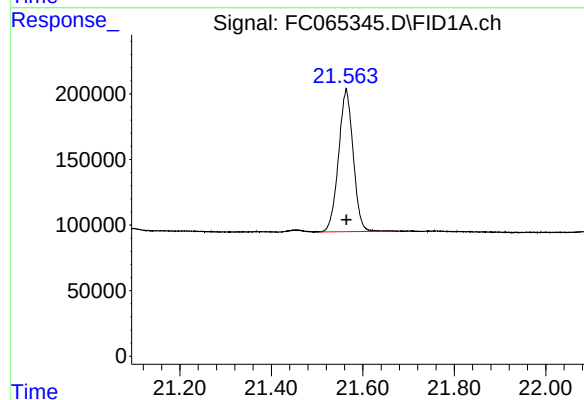
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: -0.002 min
Response: 2830803
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 2640989
Conc: 17.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.564 min
Delta R.T.: 0.000 min
Response: 2407931
Conc: 16.06 ug/ml