

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020224AL\
 Data File : FC065598.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 14:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 04:00:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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)	11.494	3468989	19.076 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	12.925	2556098	18.963 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.286	2992410	19.156 ug/ml
2) T n-Decane (C10)	4.349	3037408	19.200 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3102447	18.552 ug/ml
4) T n-Dodecane (C12)	6.362	3101944	19.334 ug/ml
5) T A~2-methylnaphthalene...	6.993	2900342	18.795 ug/ml
6) T n-Tetradecane (C14)	8.151	3010647	19.196 ug/ml
7) T n-Hexadecane (C16)	9.745	3053531	19.093 ug/ml
8) T n-Octadecane (C18)	11.181	3131685	19.121 ug/ml
10) T n-Eicosane (C20)	12.483	3057620	19.196 ug/ml
11) T n-Heneicosane (C21)	13.092	3020662	19.253 ug/ml
13) T n-Docosane (C22)	13.674	3008043	19.266 ug/ml
14) T n-Tetracosane (C24)	14.772	2990059	19.237 ug/ml
15) T n-Hexacosane (C26)	15.788	2957300	19.264 ug/ml
16) T n-Octacosane (C28)	16.732	2908422	19.296 ug/ml
17) T n-Tricontane (C30)	17.615	2943903	19.275 ug/ml
18) T n-Dotriacontane (C32)	18.445	2890630	19.198 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2810145	19.572 ug/ml
20) T n-Hexatriacontane (C36)	19.961	2712690	19.692 ug/ml
21) T n-Octatriacontane (C38)	20.677	2690819	19.449 ug/ml
22) T n-Tetracontane (C40)	21.550	2616796	18.911 ug/ml

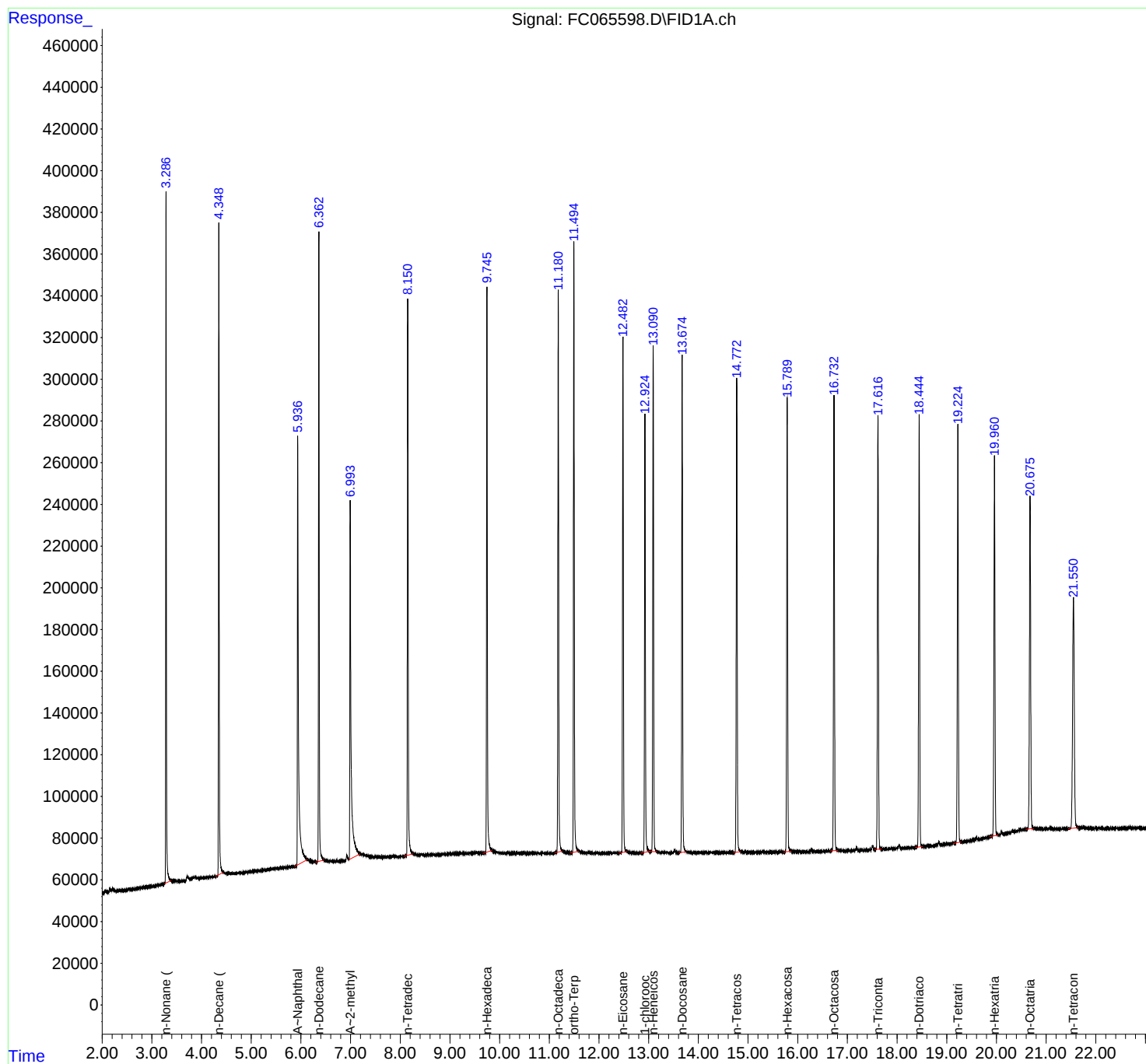
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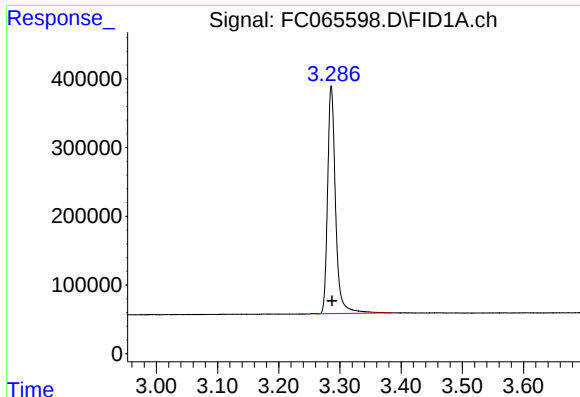
(m)=manual int.

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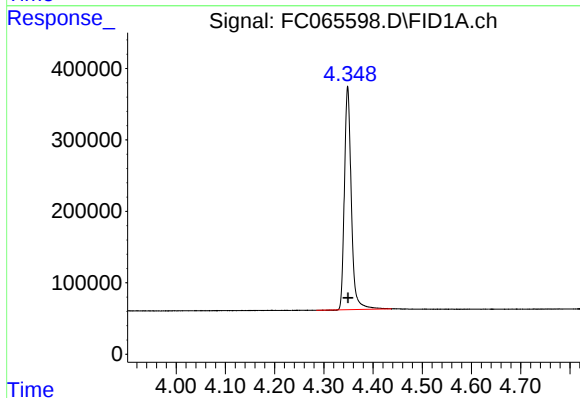
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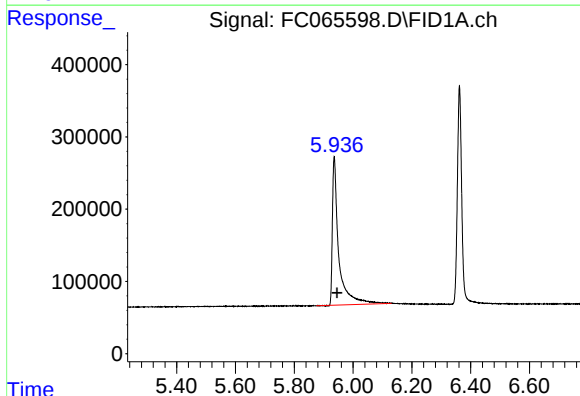
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2992410
Conc: 19.16 ug/ml



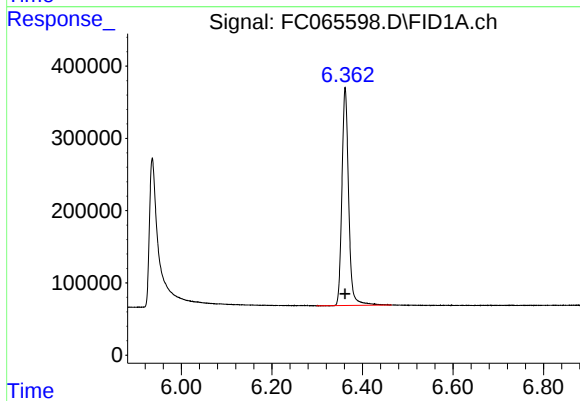
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3037408
Conc: 19.20 ug/ml



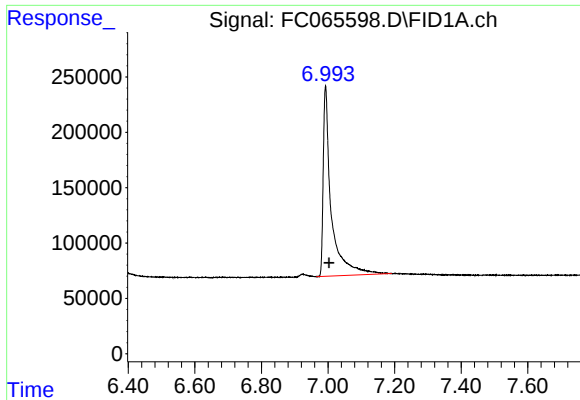
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3102447
Conc: 18.55 ug/ml



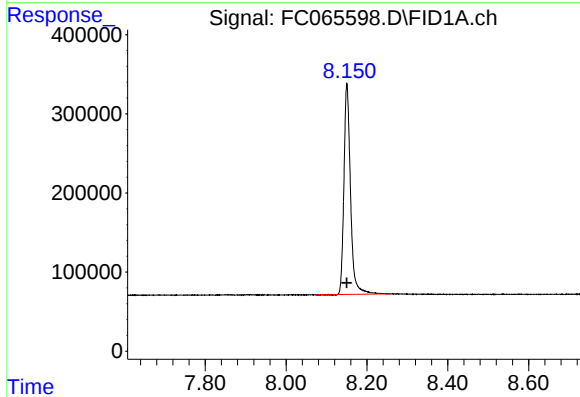
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 3101944
Conc: 19.33 ug/ml



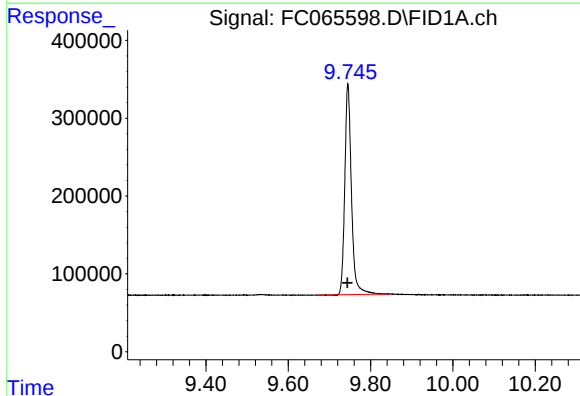
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.011 min
Response: 2900342
Conc: 18.80 ug/ml



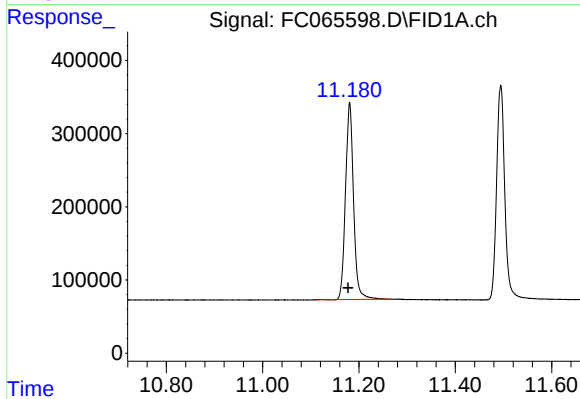
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 3010647
Conc: 19.20 ug/ml



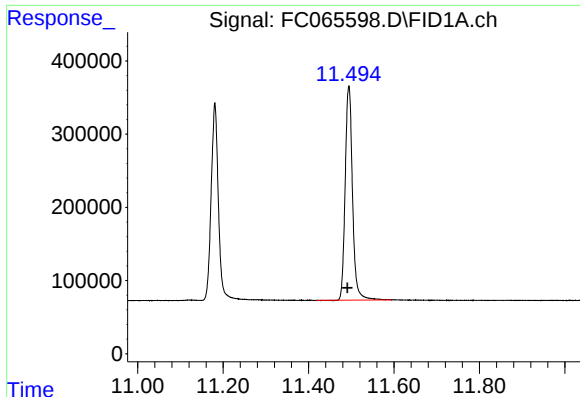
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 3053531
Conc: 19.09 ug/ml



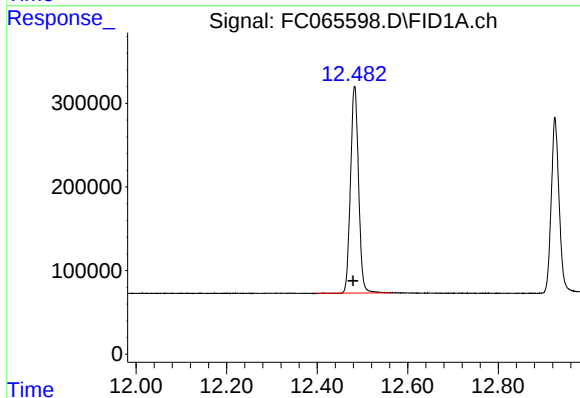
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.004 min
Response: 3131685
Conc: 19.12 ug/ml



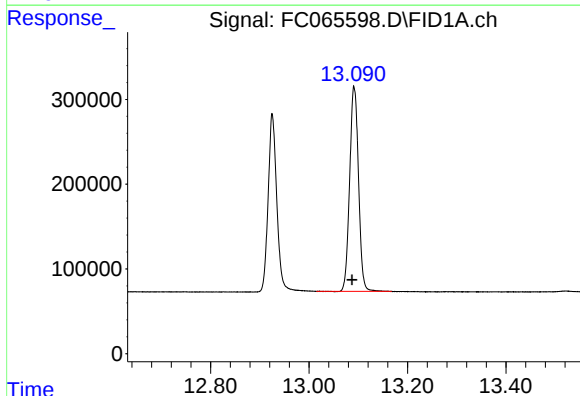
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.003 min
Response: 3468989
Conc: 19.08 ug/ml



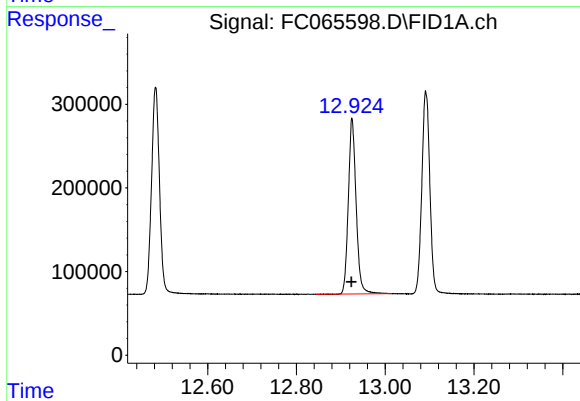
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.003 min
Response: 3057620
Conc: 19.20 ug/ml



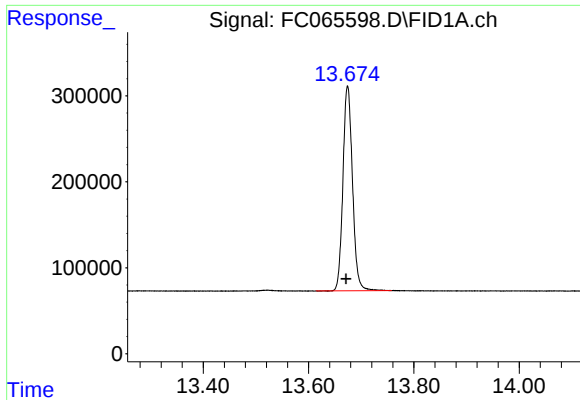
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.004 min
Response: 3020662
Conc: 19.25 ug/ml



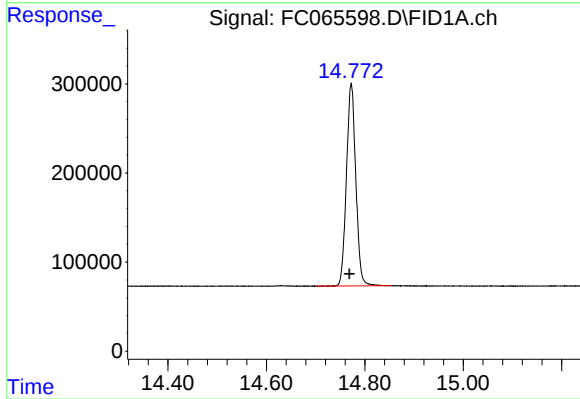
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 2556098
Conc: 18.96 ug/ml



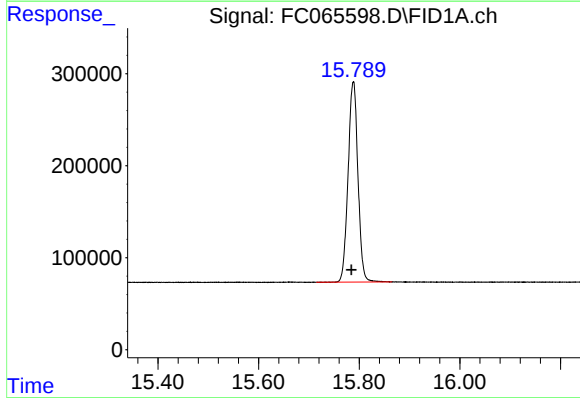
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.003 min
Response: 3008043
Conc: 19.27 ug/ml



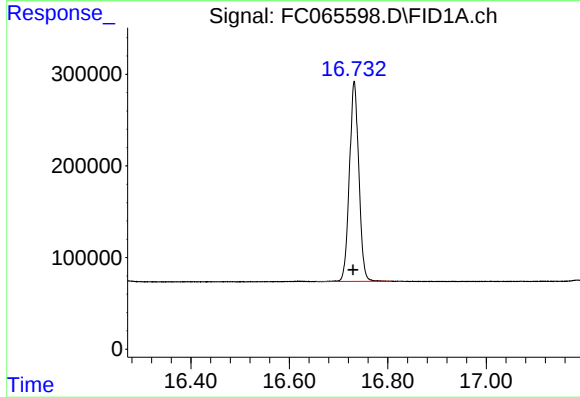
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.004 min
Response: 2990059
Conc: 19.24 ug/ml



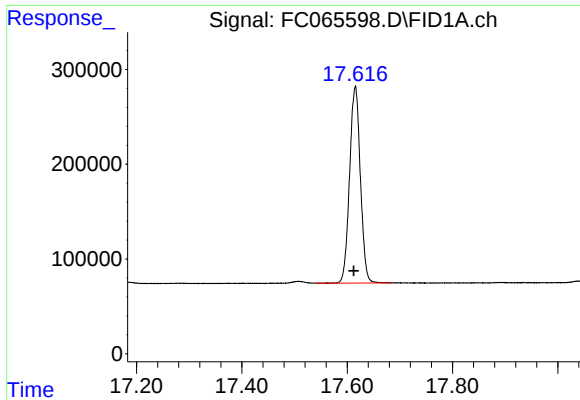
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.004 min
Response: 2957300
Conc: 19.26 ug/ml



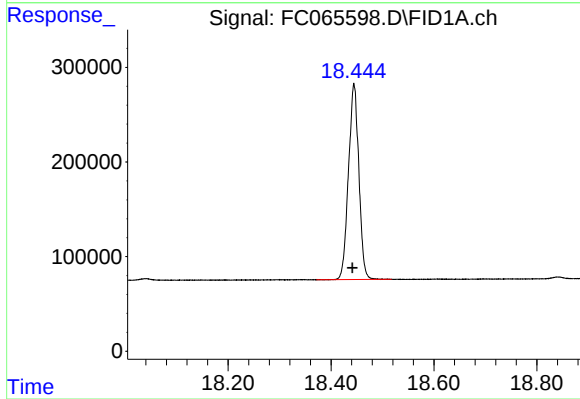
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2908422
Conc: 19.30 ug/ml



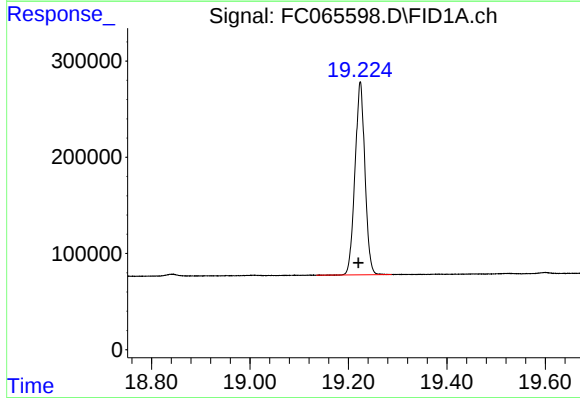
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.003 min
Response: 2943903
Conc: 19.28 ug/ml



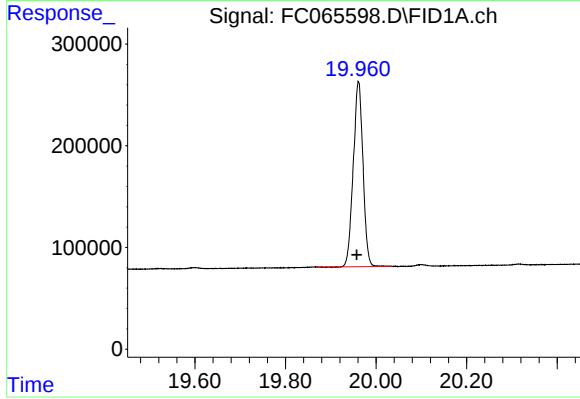
#18 n-Dotriacontane (C32)

R.T.: 18.445 min
Delta R.T.: 0.003 min
Response: 2890630
Conc: 19.20 ug/ml



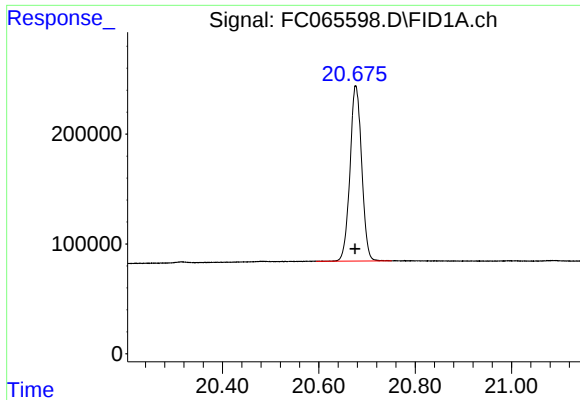
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 2810145
Conc: 19.57 ug/ml



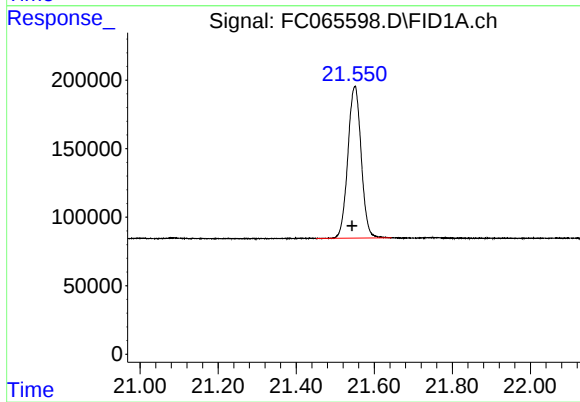
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 2712690
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: 0.002 min
Response: 2690819
Conc: 19.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.007 min
Response: 2616796
Conc: 18.91 ug/ml