

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120123AL\
 Data File : FC065342.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2023 20:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 22:17:45 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)	11.503	4406097	18.992 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	12.935	3178811	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.304	3741703	18.686 ug/ml
2) T n-Decane (C10)	4.363	3805035	18.931 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3940434	19.408 ug/ml
4) T n-Dodecane (C12)	6.374	3851981	18.942 ug/ml
5) T A~2-methylnaphthalene...	7.000	3690217	18.986 ug/ml
6) T n-Tetradecane (C14)	8.162	3744222	18.840 ug/ml
7) T n-Hexadecane (C16)	9.755	3727291	18.816 ug/ml
8) T n-Octadecane (C18)	11.190	3789055	19.130 ug/ml
10) T n-Eicosane (C20)	12.493	3618702	19.123 ug/ml
11) T n-Heneicosane (C21)	13.100	3526346	19.085 ug/ml
13) T n-Docosane (C22)	13.684	3510974	19.461 ug/ml
14) T n-Tetracosane (C24)	14.782	3477891	20.060 ug/ml
15) T n-Hexacosane (C26)	15.797	3375977	20.275 ug/ml
16) T n-Octacosane (C28)	16.742	3304095	20.658 ug/ml
17) T n-Tricontane (C30)	17.626	3496099	21.956 ug/ml
18) T n-Dotriacontane (C32)	18.454	3477949	22.124 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3234321	20.959 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3046728	19.876 ug/ml
21) T n-Octatriacontane (C38)	20.690	2926713	19.247 ug/ml
22) T n-Tetracontane (C40)	21.565	2840195	18.946 ug/ml

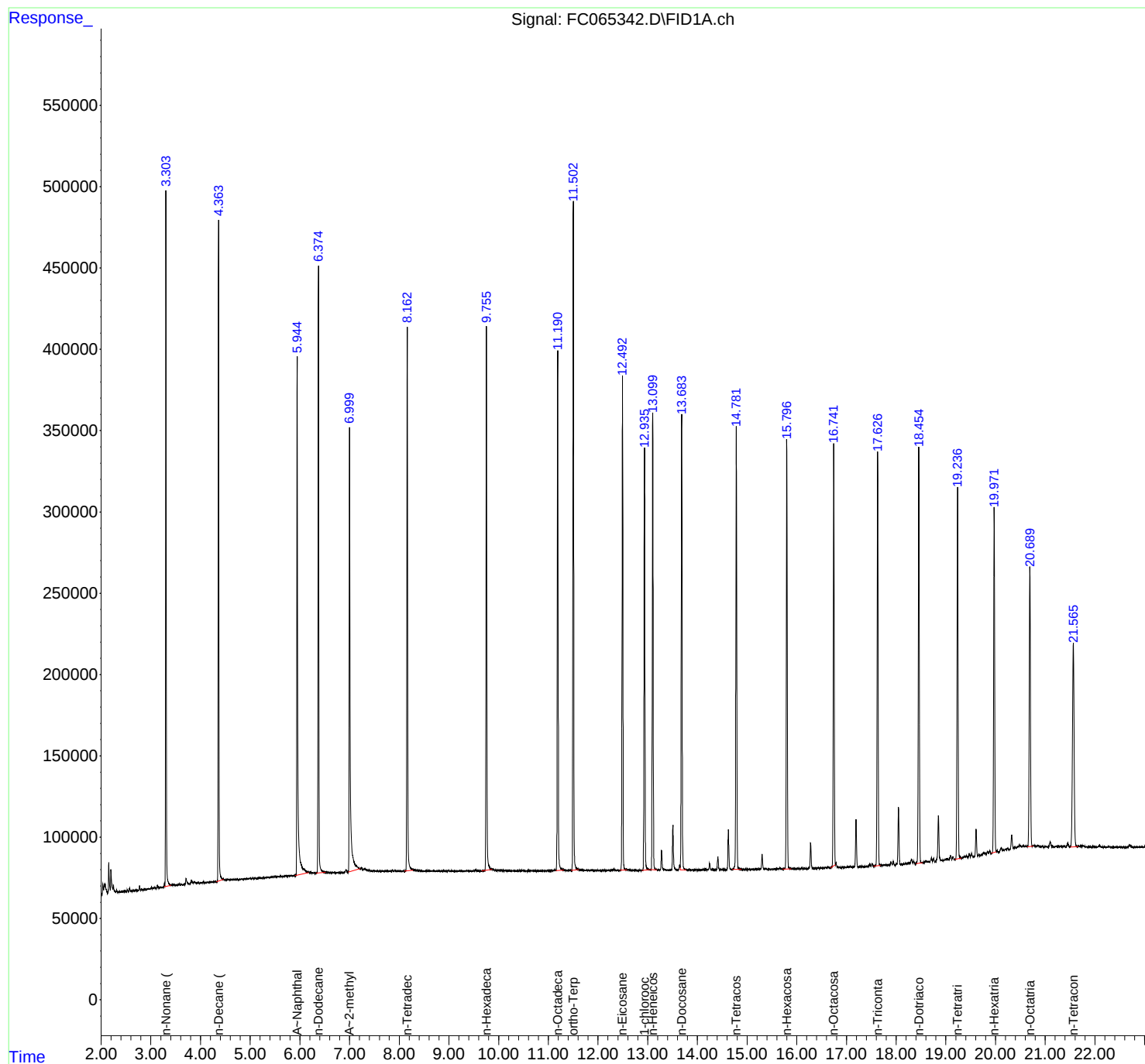
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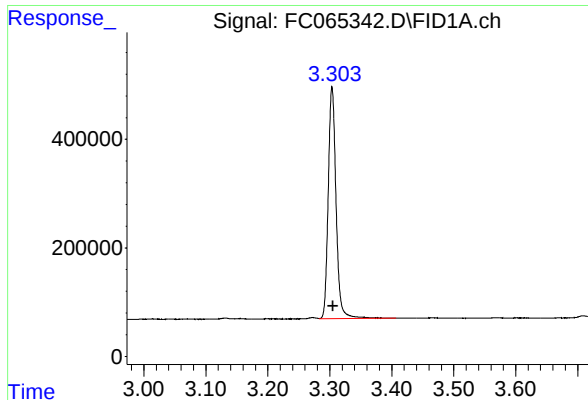
(m)=manual int.

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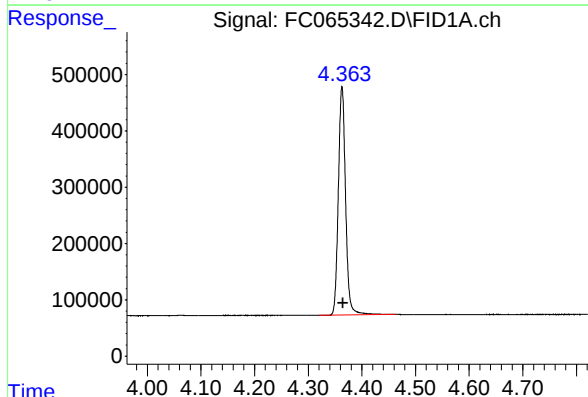
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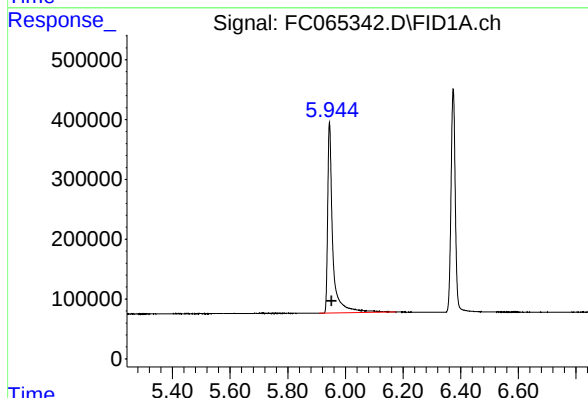
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.001 min
Response: 3741703
Conc: 18.69 ug/ml



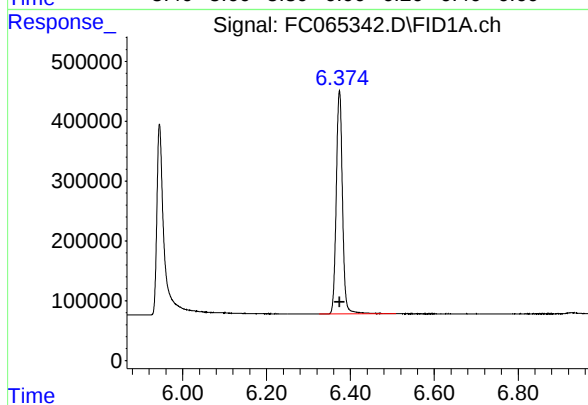
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 3805035
Conc: 18.93 ug/ml



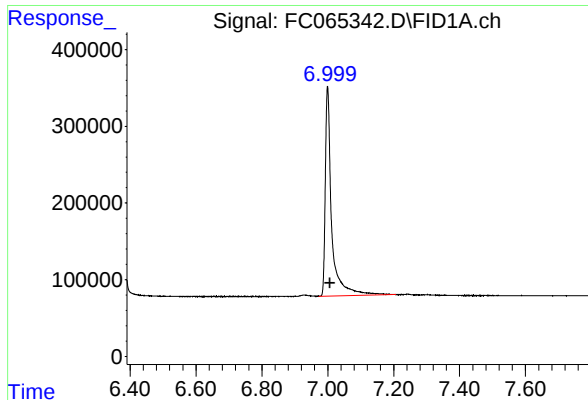
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3940434
Conc: 19.41 ug/ml



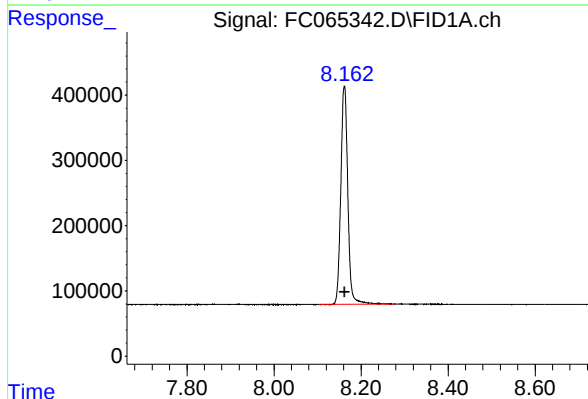
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 3851981
Conc: 18.94 ug/ml



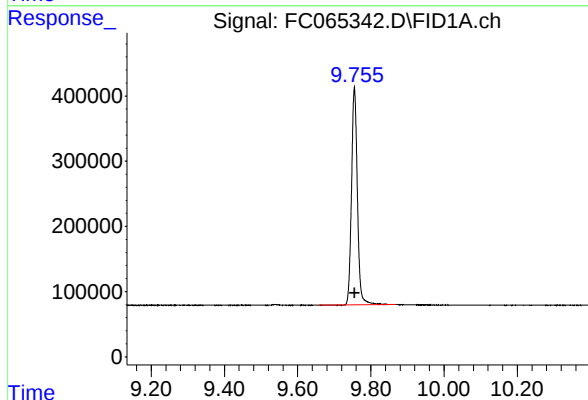
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.007 min
Response: 3690217
Conc: 18.99 ug/ml



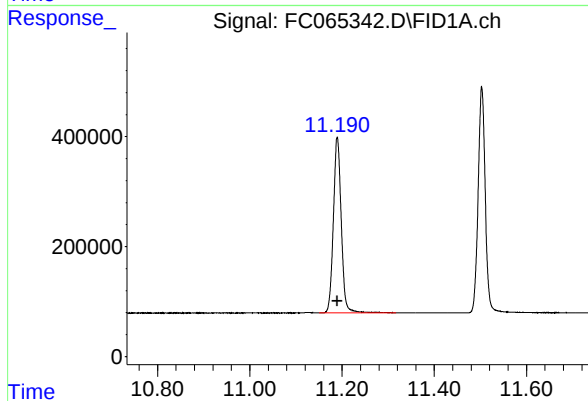
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 3744222
Conc: 18.84 ug/ml



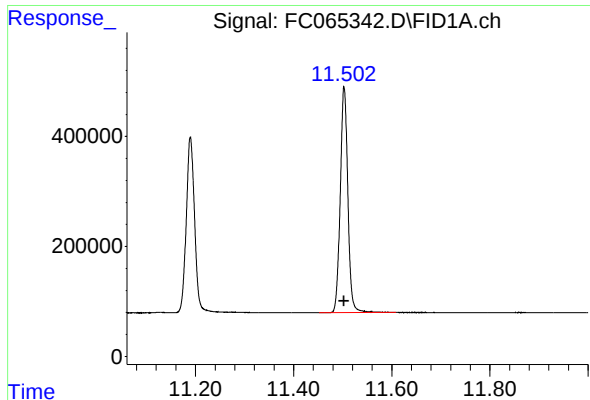
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 3727291
Conc: 18.82 ug/ml



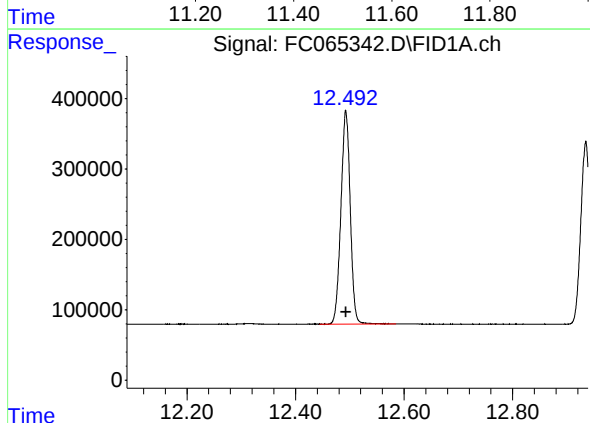
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 3789055
Conc: 19.13 ug/ml



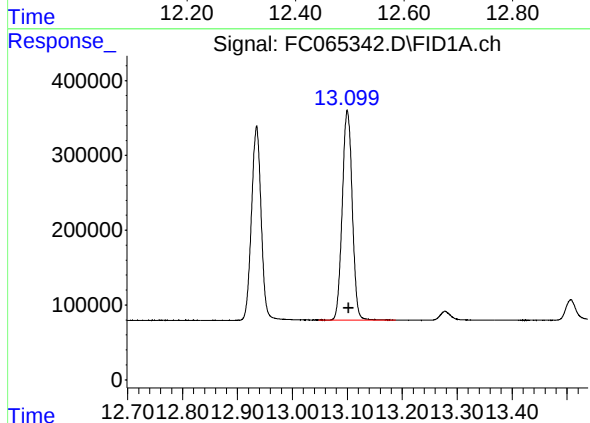
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.000 min
Response: 4406097
Conc: 18.99 ug/ml



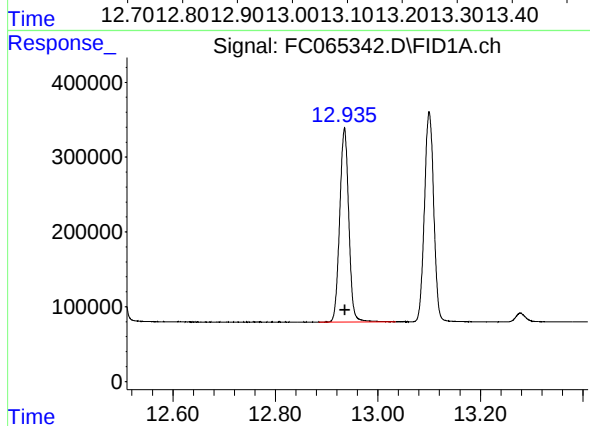
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 3618702
Conc: 19.12 ug/ml



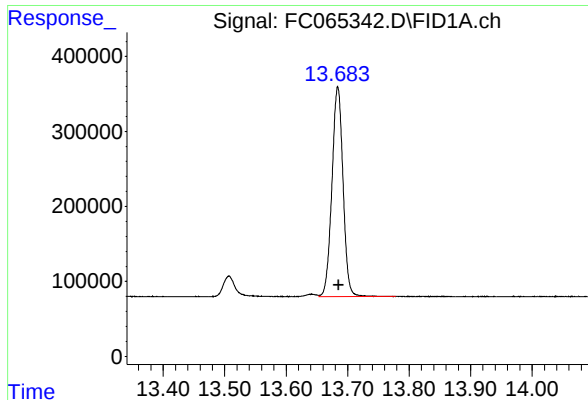
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 3526346
Conc: 19.08 ug/ml



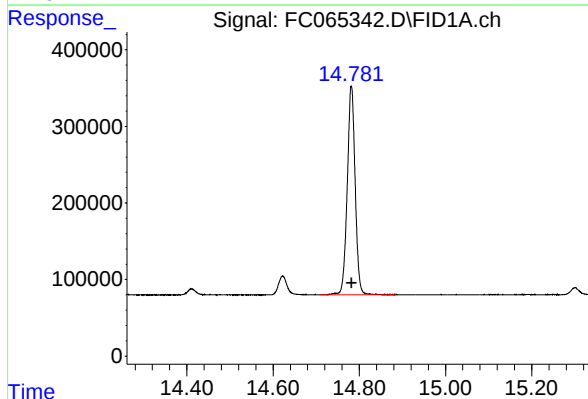
#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 3178811
Conc: 19.20 ug/ml



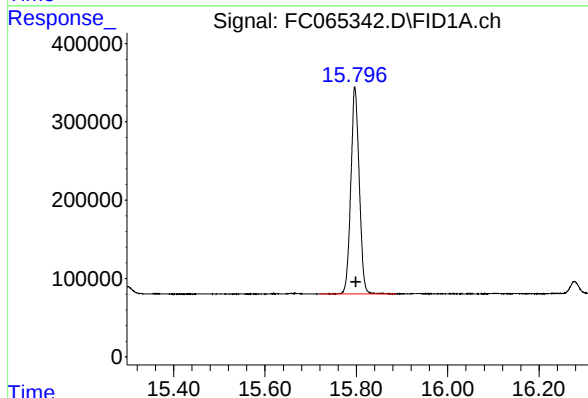
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: -0.001 min
Response: 3510974
Conc: 19.46 ug/ml



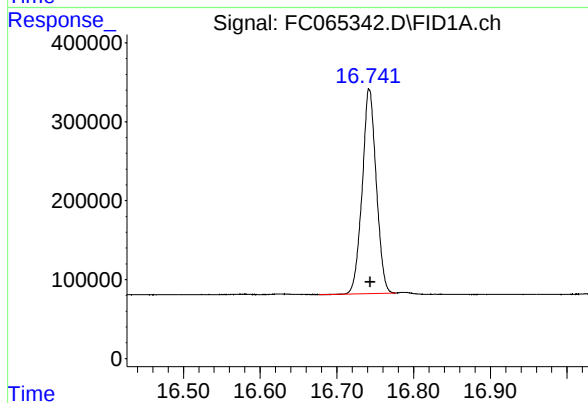
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.001 min
Response: 3477891
Conc: 20.06 ug/ml



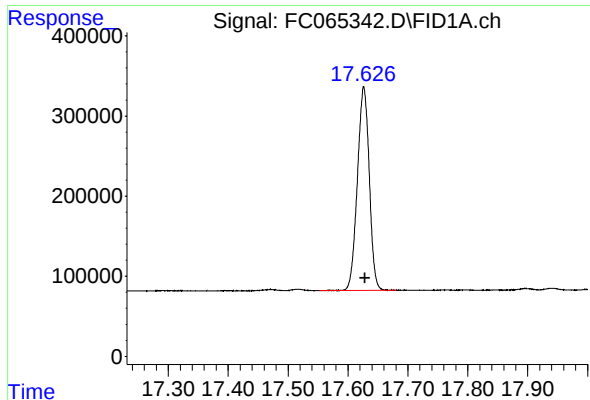
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.002 min
Response: 3375977
Conc: 20.27 ug/ml



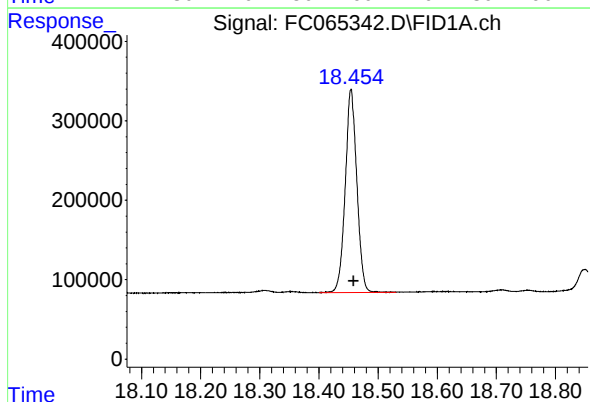
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: -0.001 min
Response: 3304095
Conc: 20.66 ug/ml



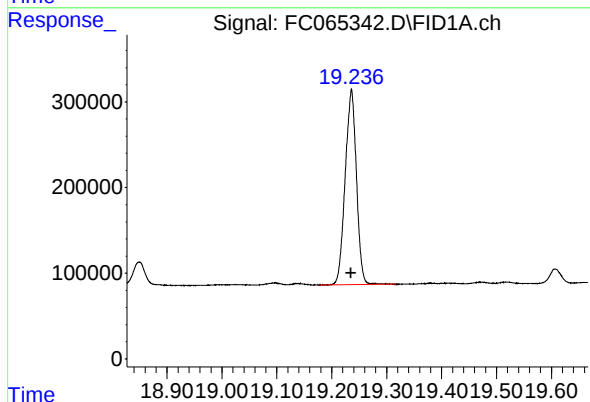
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.002 min
Response: 3496099
Conc: 21.96 ug/ml



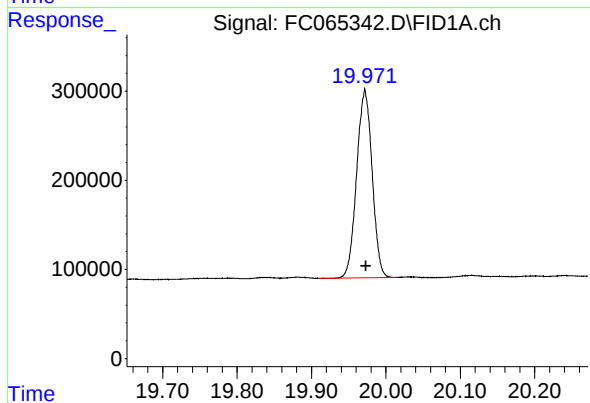
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.004 min
Response: 3477949
Conc: 22.12 ug/ml



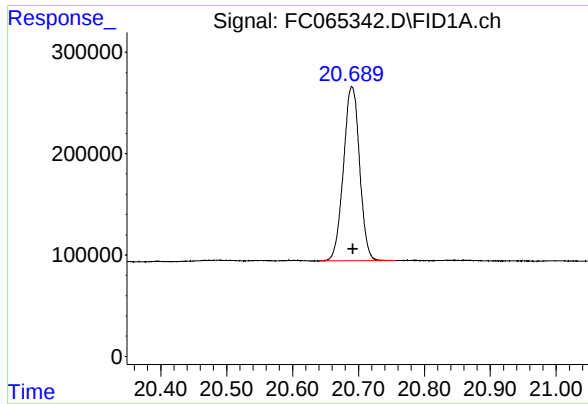
#19 n-Tetatriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.000 min
Response: 3234321
Conc: 20.96 ug/ml



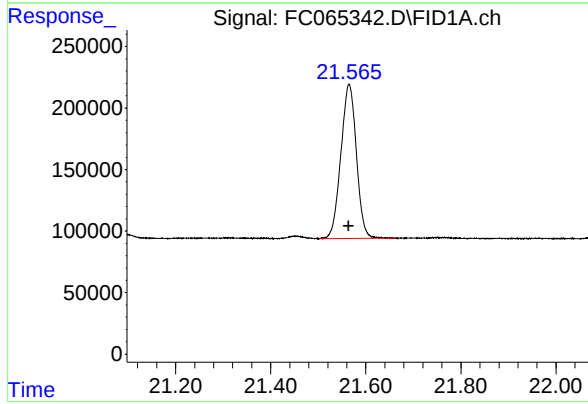
#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: -0.001 min
Response: 3046728
Conc: 19.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 2926713
Conc: 19.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: 0.000 min
Response: 2840195
Conc: 18.95 ug/ml