

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121823AL\
 Data File : FC065493.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2023 10:03
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 11:22:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 11:16:55 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)	11.511	11382538	49.109 ug/ml
Spiked Amount 50.000		Recovery =	98.22%
12) S 1-chlorooctadecane (S...	12.943	8208010	49.280 ug/ml
Spiked Amount 50.000		Recovery =	98.56%
Target Compounds			
1) T n-Nonane (C9)	3.300	9773928	48.091 ug/ml
2) T n-Decane (C10)	4.361	9929891	48.162 ug/ml
3) T A~Naphthalene (C11.7)	5.942	10563868	48.985 ug/ml
4) T n-Dodecane (C12)	6.373	10104686	48.260 ug/ml
5) T A~2-methylnaphthalene...	6.997	10251727	48.773 ug/ml
6) T n-Tetradecane (C14)	8.163	9925601	48.422 ug/ml
7) T n-Hexadecane (C16)	9.759	9935630	48.662 ug/ml
8) T n-Octadecane (C18)	11.197	9765728	48.880 ug/ml
10) T n-Eicosane (C20)	12.500	9277368	49.073 ug/ml
11) T n-Heneicosane (C21)	13.110	9049561	49.178 ug/ml
13) T n-Docosane (C22)	13.695	8879763	49.265 ug/ml
14) T n-Tetracosane (C24)	14.793	8603798	49.250 ug/ml
15) T n-Hexacosane (C26)	15.809	8282499	49.286 ug/ml
16) T n-Octacosane (C28)	16.757	8019045	49.127 ug/ml
17) T n-Tricontane (C30)	17.642	8029891	48.962 ug/ml
18) T n-Dotriacontane (C32)	18.472	7991280	48.957 ug/ml
19) T n-Tetratriacontane (C34)	19.251	7824281	48.901 ug/ml
20) T n-Hexatriacontane (C36)	19.989	7759691	48.979 ug/ml
21) T n-Octatriacontane (C38)	20.709	7744940	49.206 ug/ml
22) T n-Tetracontane (C40)	21.590	7674762	48.205 ug/ml

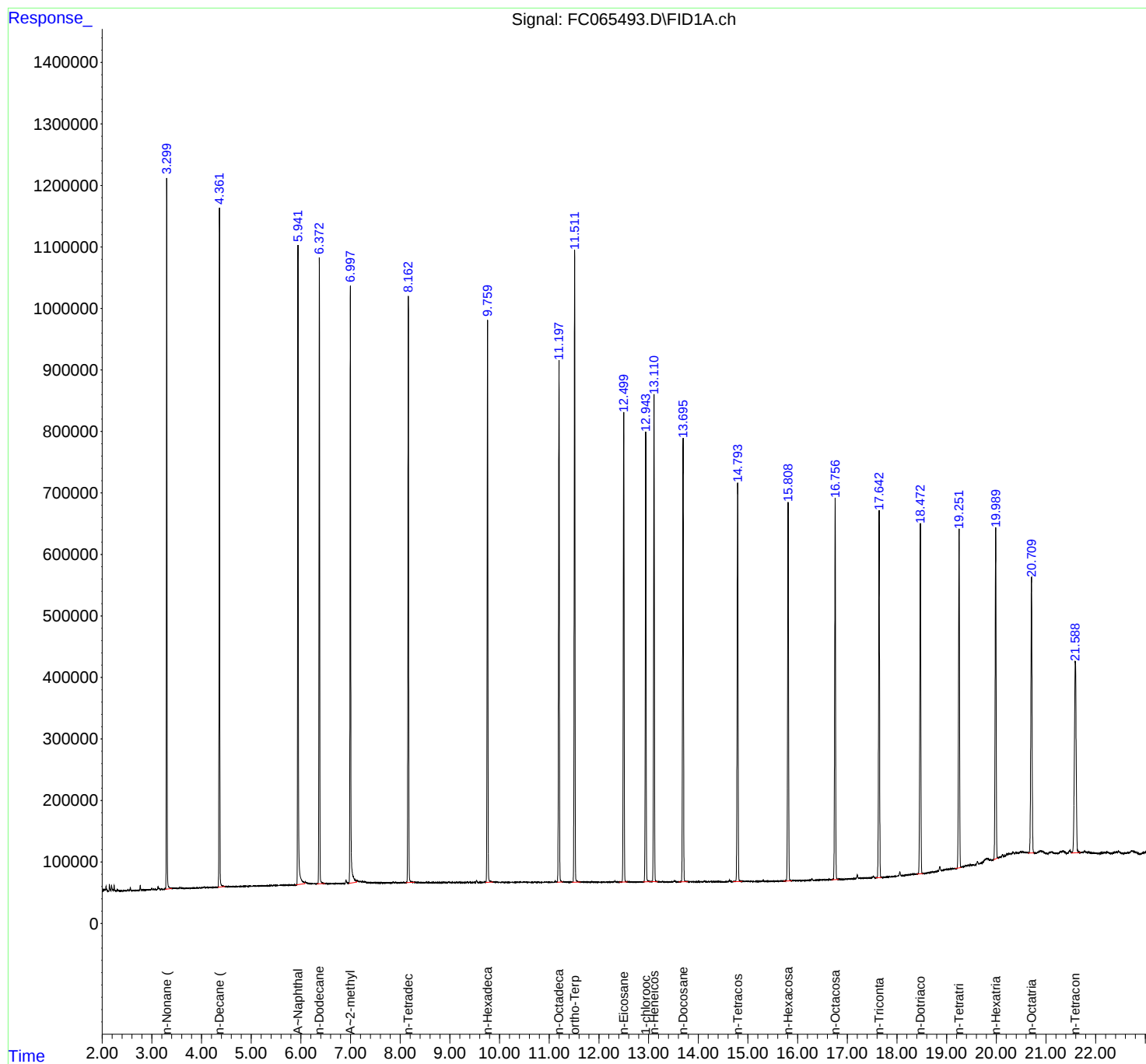
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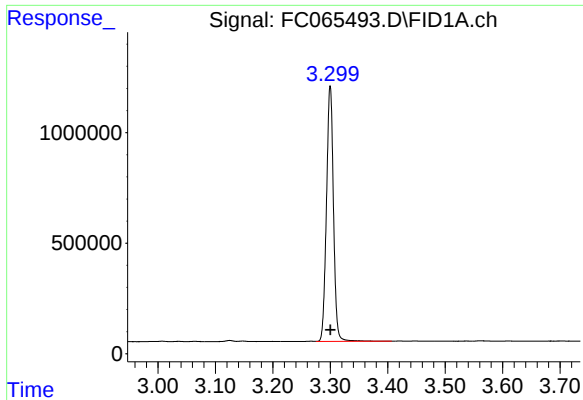
(m)=manual int.

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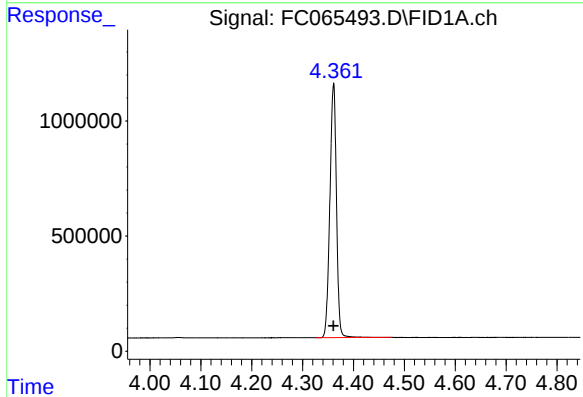
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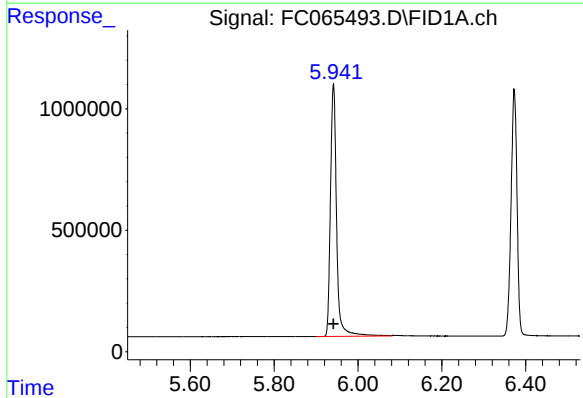
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 9773928
Conc: 48.09 ug/ml



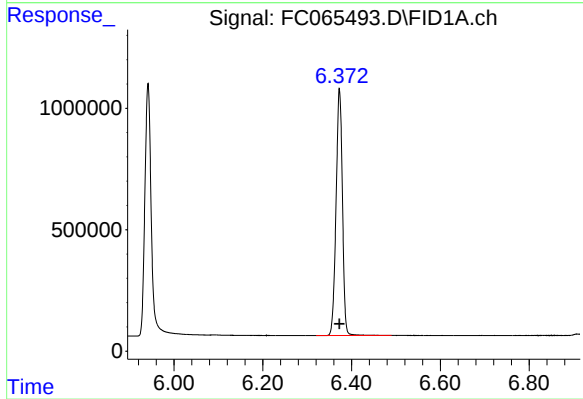
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 9929891
Conc: 48.16 ug/ml



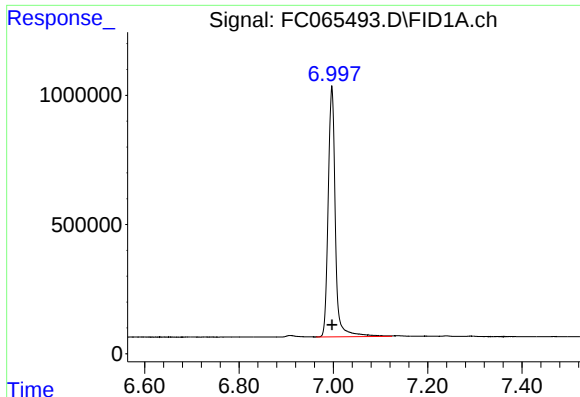
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 10563868
Conc: 48.98 ug/ml



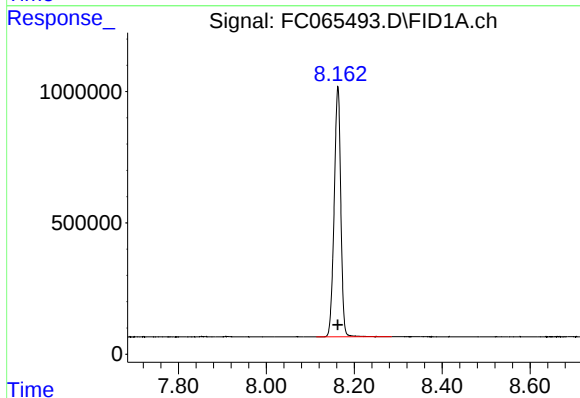
#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 10104686
Conc: 48.26 ug/ml



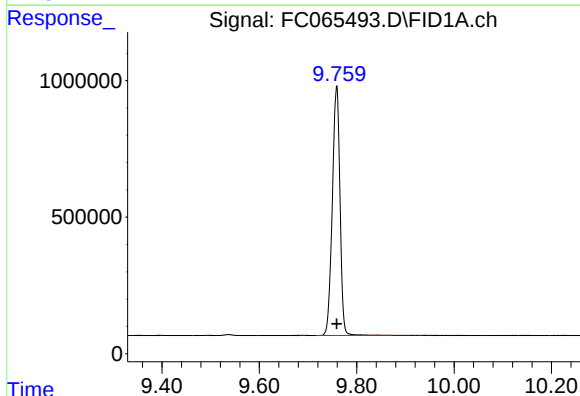
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 10251727
Conc: 48.77 ug/ml



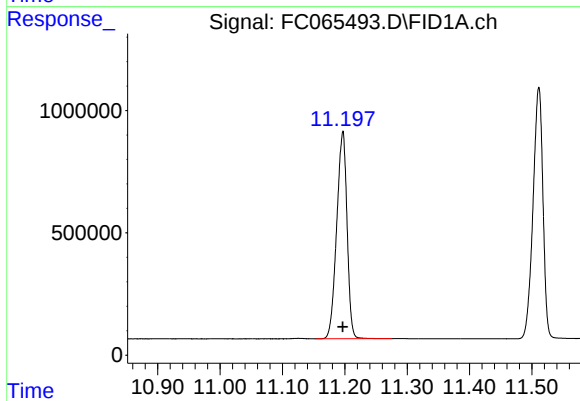
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 9925601
Conc: 48.42 ug/ml



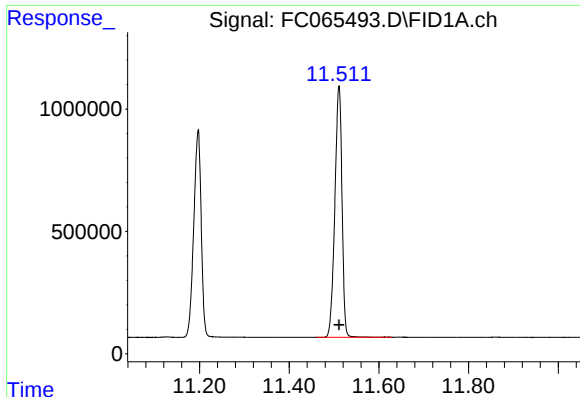
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: 0.000 min
Response: 9935630
Conc: 48.66 ug/ml



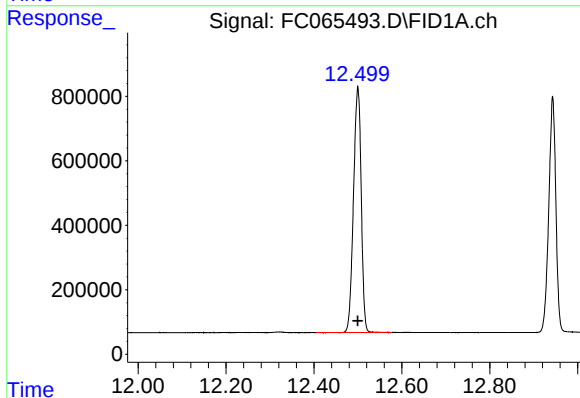
#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 9765728
Conc: 48.88 ug/ml



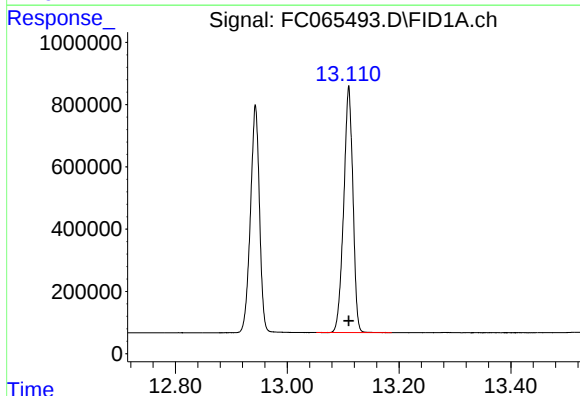
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 11382538
Conc: 49.11 ug/ml



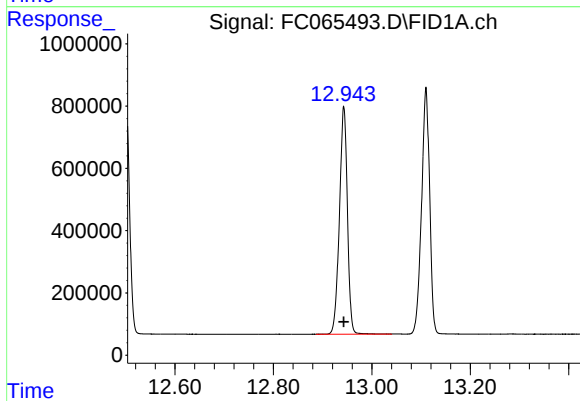
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 9277368
Conc: 49.07 ug/ml



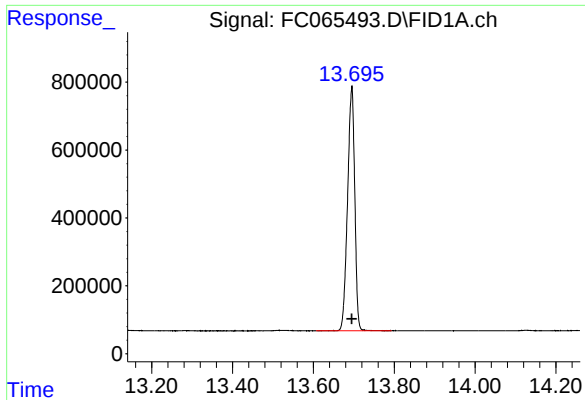
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.000 min
Response: 9049561
Conc: 49.18 ug/ml



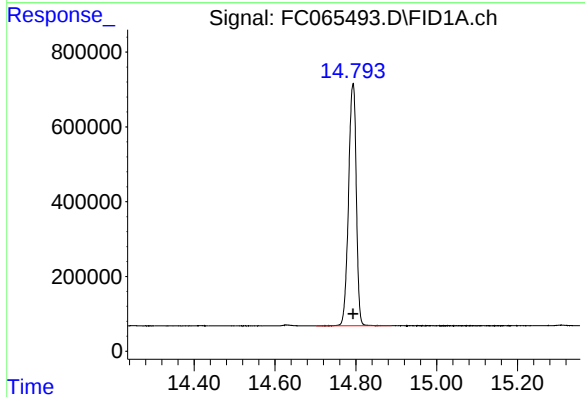
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 8208010
Conc: 49.28 ug/ml



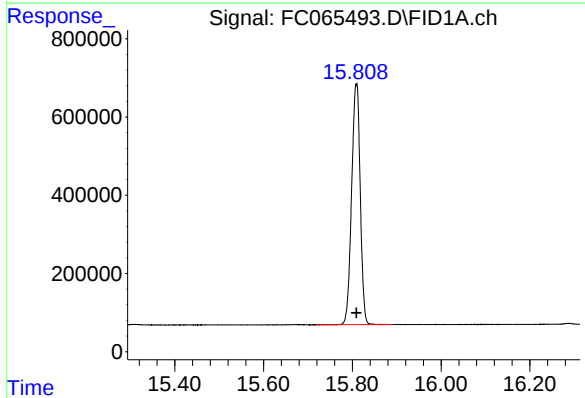
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.000 min
Response: 8879763
Conc: 49.27 ug/ml



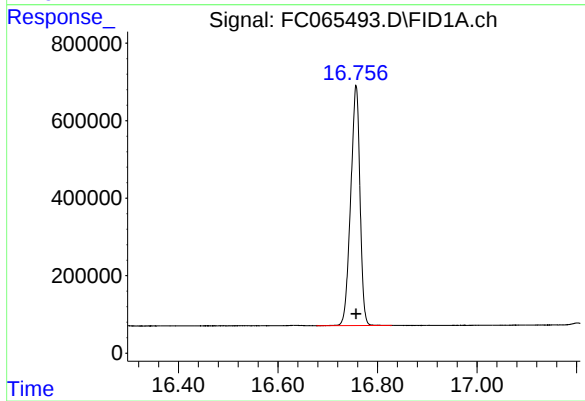
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.000 min
Response: 8603798
Conc: 49.25 ug/ml



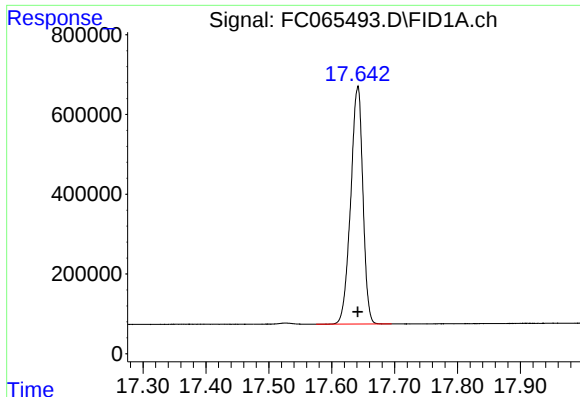
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.000 min
Response: 8282499
Conc: 49.29 ug/ml



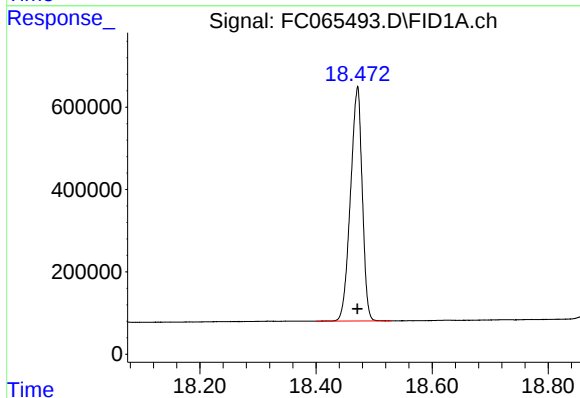
#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 8019045
Conc: 49.13 ug/ml



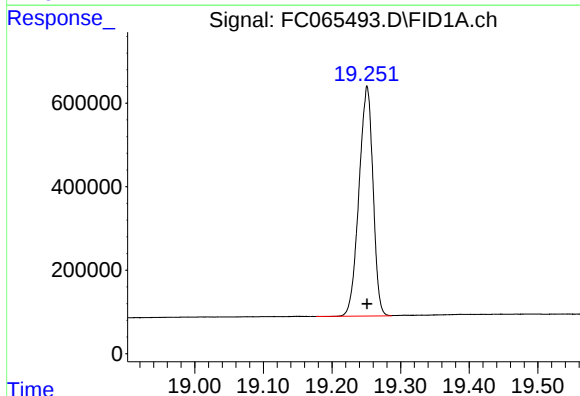
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 8029891
Conc: 48.96 ug/ml



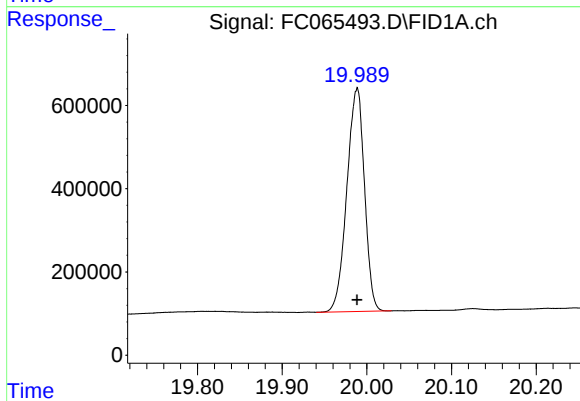
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 7991280
Conc: 48.96 ug/ml



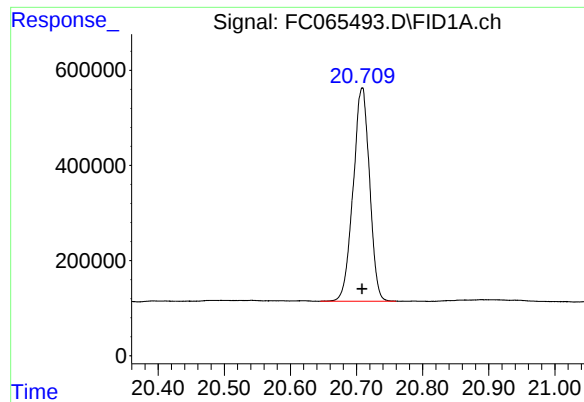
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.000 min
Response: 7824281
Conc: 48.90 ug/ml



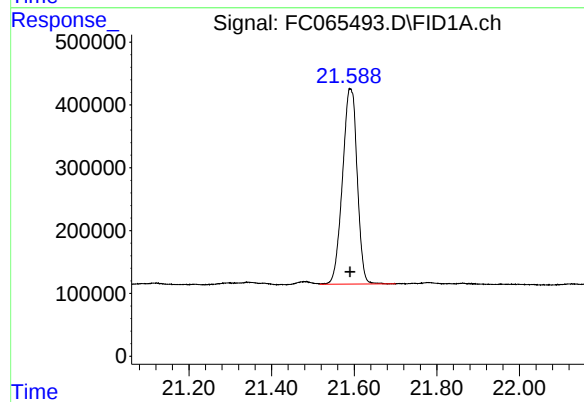
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: 0.000 min
Response: 7759691
Conc: 48.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 7744940
Conc: 49.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.000 min
Response: 7674762
Conc: 48.21 ug/ml