

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101723AL\
 Data File : FC064854.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2023 12:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 01:29:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.518	4304320	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.950	3096894	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.317	3796513	20.670 ug/ml
2) T n-Decane (C10)	4.377	3850988	21.052 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3969703	20.930 ug/ml
4) T n-Dodecane (C12)	6.387	3894913	20.896 ug/ml
5) T A~2-methylnaphthalene...	7.010	3798234	21.689 ug/ml
6) T n-Tetradecane (C14)	8.174	3777436	21.033 ug/ml
7) T n-Hexadecane (C16)	9.769	3733978	20.991 ug/ml
8) T n-Octadecane (C18)	11.204	3682391	20.521 ug/ml
10) T n-Eicosane (C20)	12.507	3484875	20.238 ug/ml
11) T n-Heneicosane (C21)	13.116	3403959	20.099 ug/ml
13) T n-Docosane (C22)	13.699	3321102	20.156 ug/ml
14) T n-Tetracosane (C24)	14.797	3198711	20.097 ug/ml
15) T n-Hexacosane (C26)	15.814	3082486	20.123 ug/ml
16) T n-Octacosane (C28)	16.760	3004594	20.389 ug/ml
17) T n-Tricontane (C30)	17.644	3069015	20.976 ug/ml
18) T n-Dotriacontane (C32)	18.473	3053072	21.144 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2922744	20.772 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2848108	20.586 ug/ml
21) T n-Octatriacontane (C38)	20.711	2794755	21.098 ug/ml
22) T n-Tetracontane (C40)	21.588	2778510	22.202 ug/ml

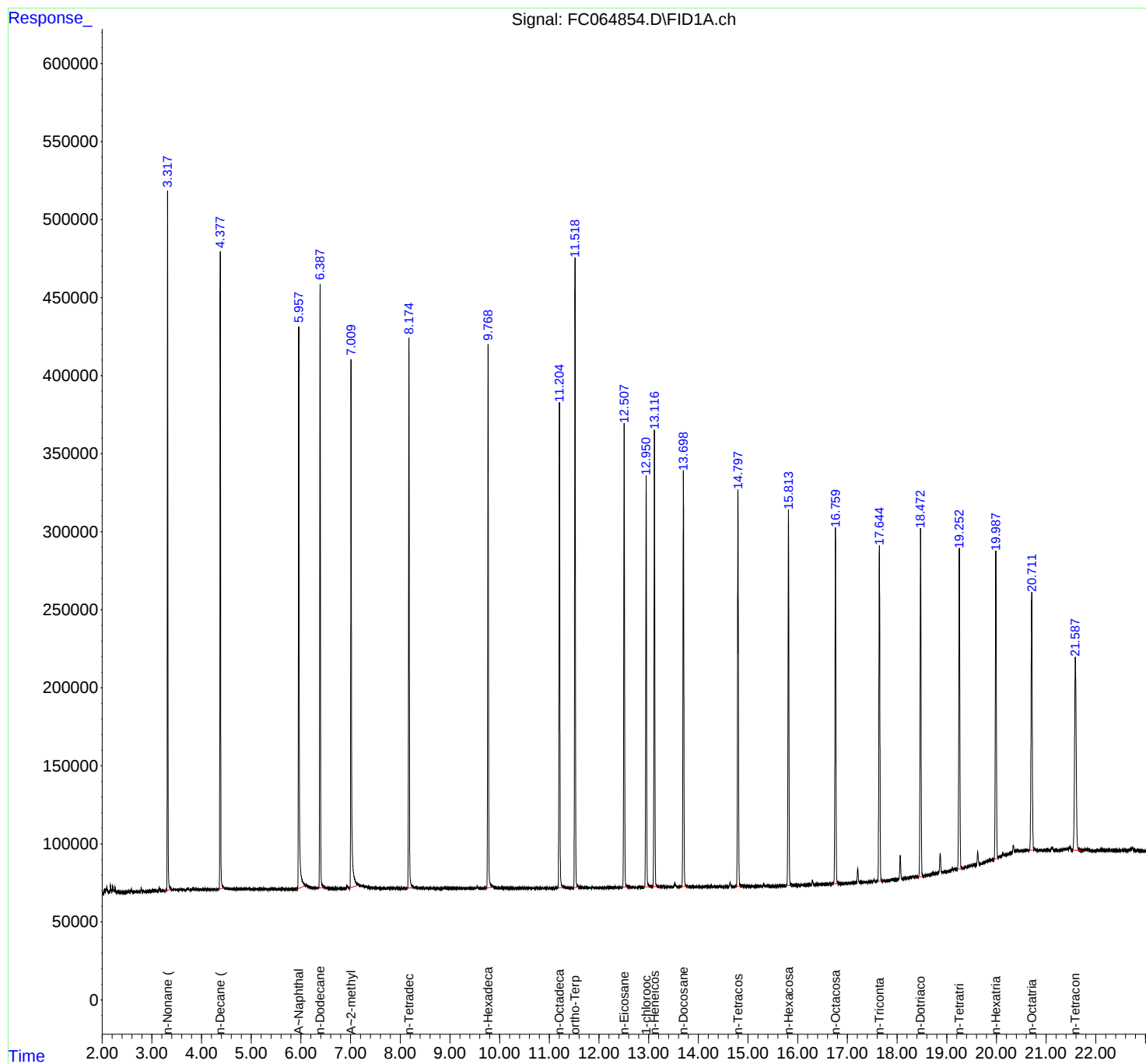
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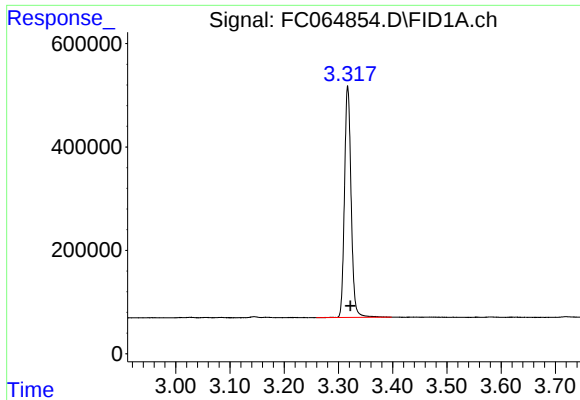
(m)=manual int.

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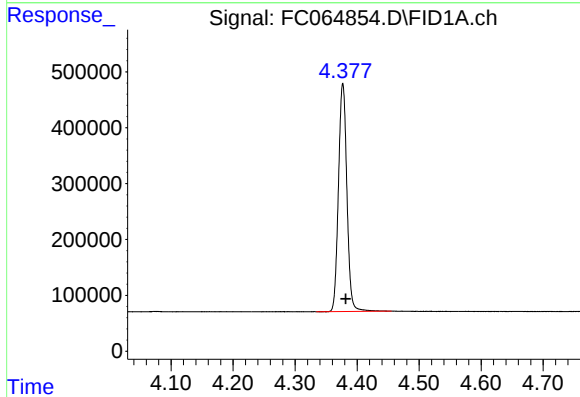
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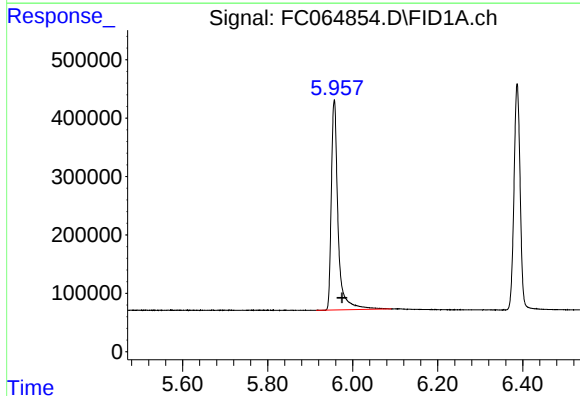
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.005 min
Response: 3796513
Conc: 20.67 ug/ml



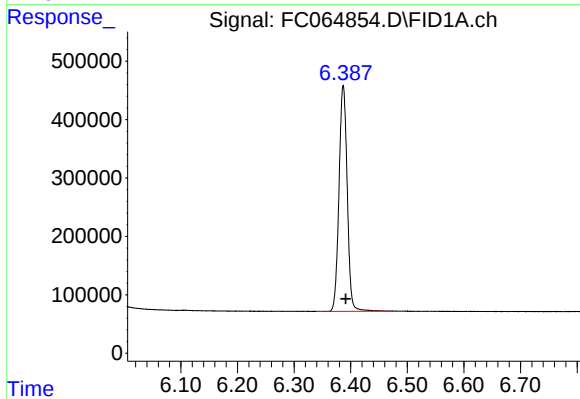
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.005 min
Response: 3850988
Conc: 21.05 ug/ml



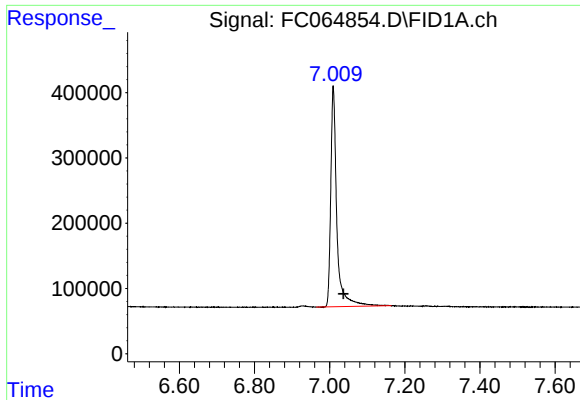
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.019 min
Response: 3969703
Conc: 20.93 ug/ml



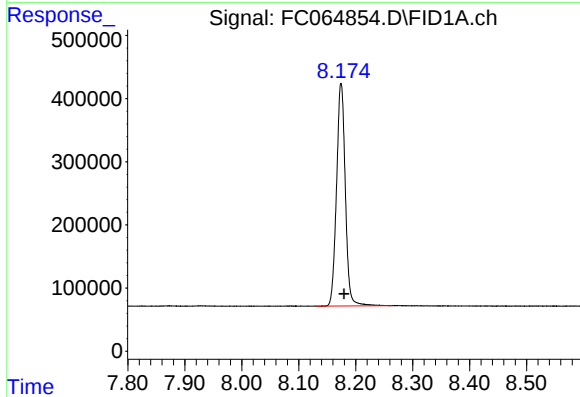
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 3894913
Conc: 20.90 ug/ml



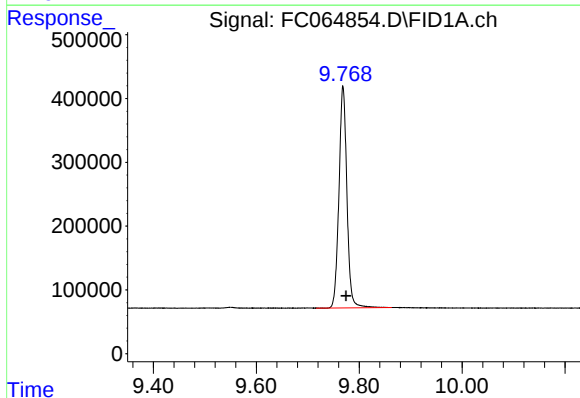
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.027 min
Response: 3798234
Conc: 21.69 ug/ml



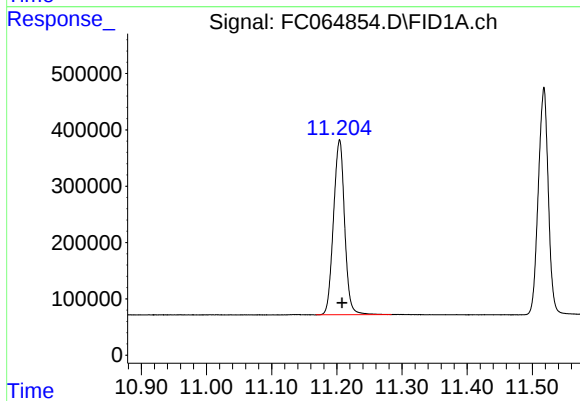
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.005 min
Response: 3777436
Conc: 21.03 ug/ml



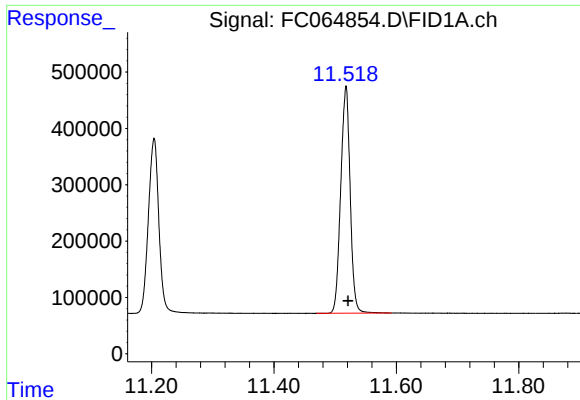
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.006 min
Response: 3733978
Conc: 20.99 ug/ml



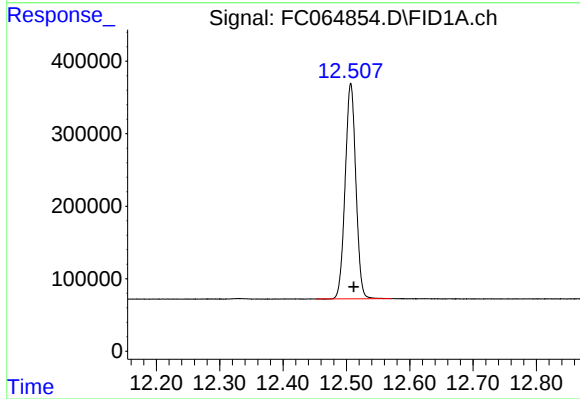
#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 3682391
Conc: 20.52 ug/ml



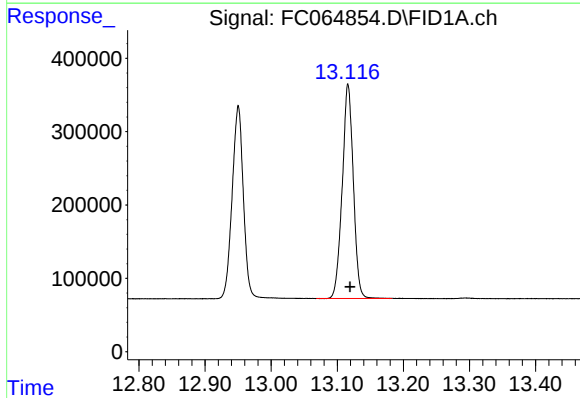
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 4304320
Conc: 20.16 ug/ml



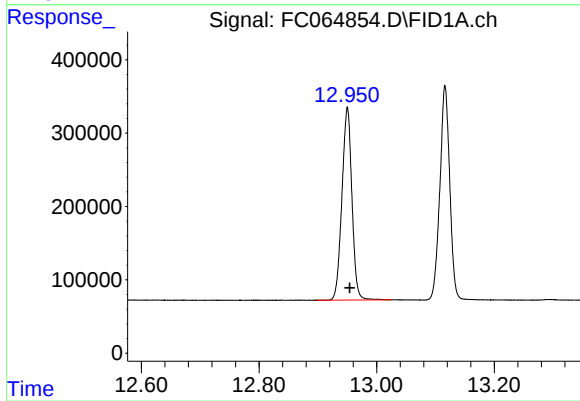
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.005 min
Response: 3484875
Conc: 20.24 ug/ml



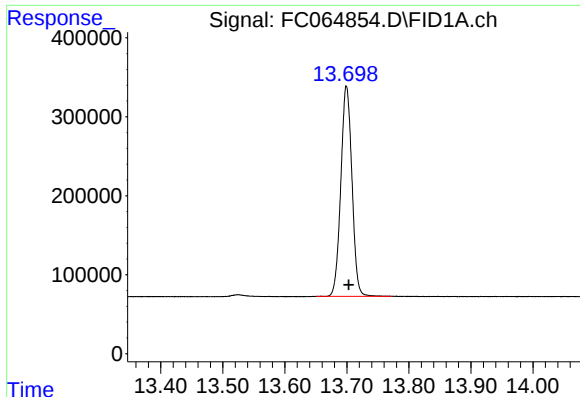
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: -0.003 min
Response: 3403959
Conc: 20.10 ug/ml



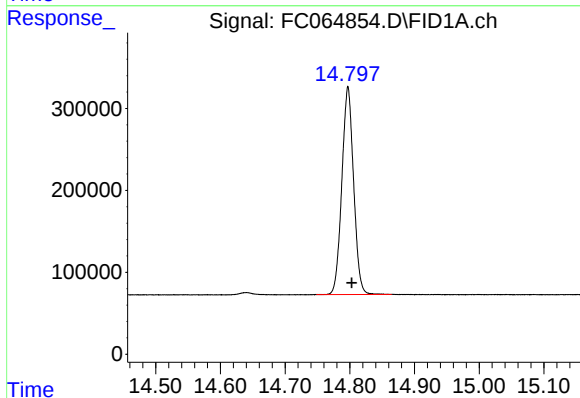
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: -0.004 min
Response: 3096894
Conc: 20.65 ug/ml



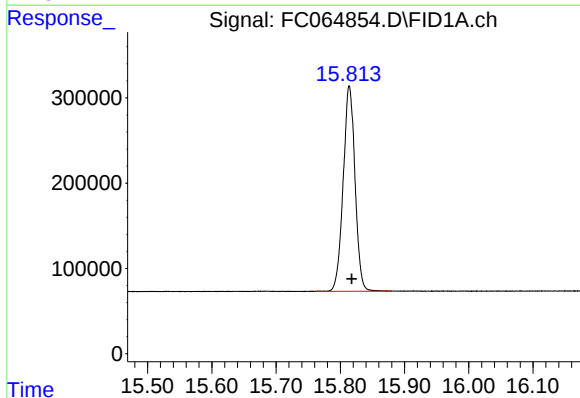
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: -0.004 min
Response: 3321102
Conc: 20.16 ug/ml



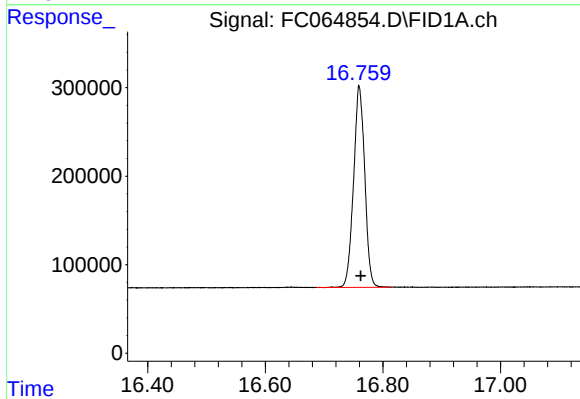
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.006 min
Response: 3198711
Conc: 20.10 ug/ml



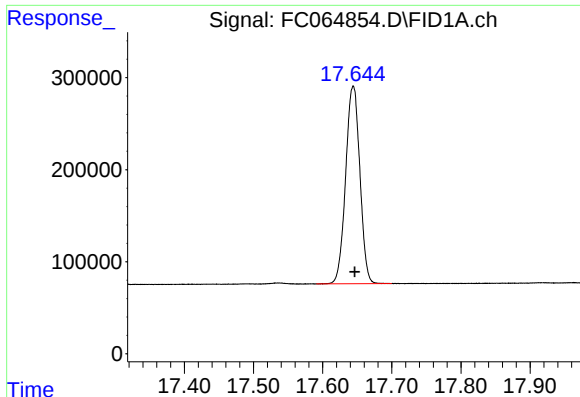
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.004 min
Response: 3082486
Conc: 20.12 ug/ml



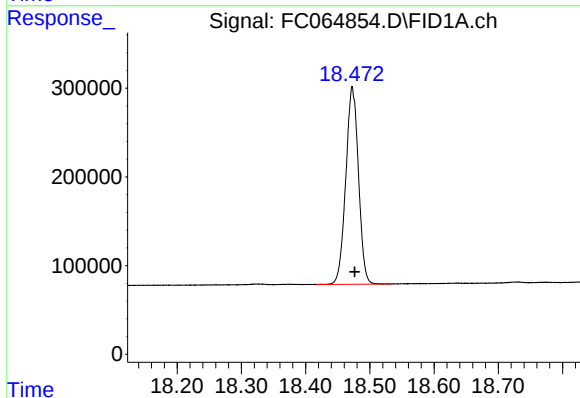
#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 3004594
Conc: 20.39 ug/ml



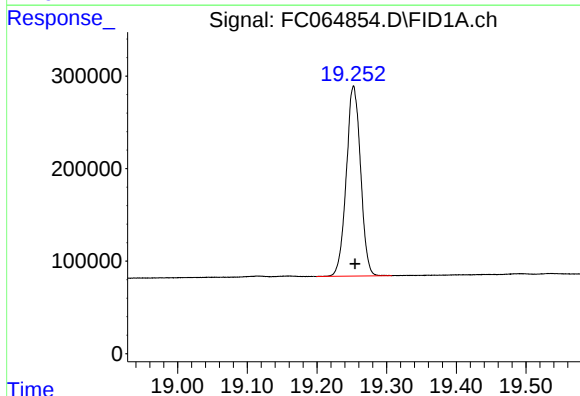
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 3069015
Conc: 20.98 ug/ml



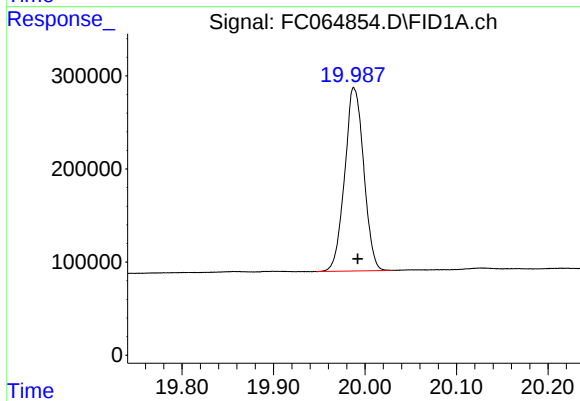
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.004 min
Response: 3053072
Conc: 21.14 ug/ml



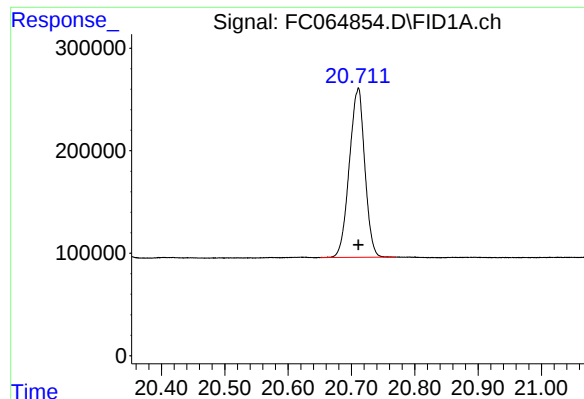
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2922744
Conc: 20.77 ug/ml



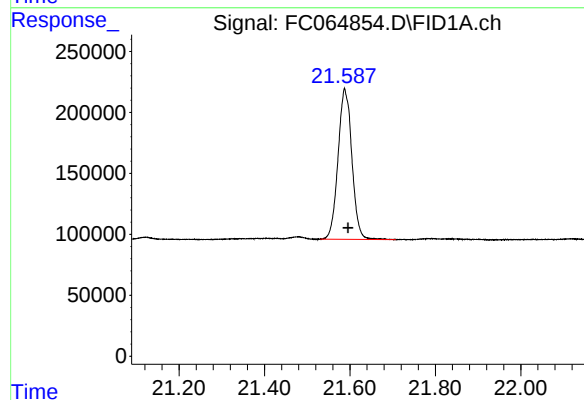
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.004 min
Response: 2848108
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 2794755
Conc: 21.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.008 min
Response: 2778510
Conc: 22.20 ug/ml