

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021023AL\
 Data File : FE040315.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2023 22:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 13 07:15:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.893	3252365	20.094 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.331	2471056	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.287	2769676	20.350 ug/ml
2) T n-Decane (C10)	4.537	2724493	20.505 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3006987	20.546 ug/ml
4) T n-Dodecane (C12)	6.701	2764086	20.530 ug/ml
5) T A~2-methylnaphthalene...	7.334	2786388	20.586 ug/ml
6) T n-Tetradecane (C14)	8.527	2797735	20.300 ug/ml
7) T n-Hexadecane (C16)	10.135	2904069	20.235 ug/ml
8) T n-Octadecane (C18)	11.577	2987567	20.084 ug/ml
10) T n-Eicosane (C20)	12.886	2930270	19.931 ug/ml
11) T n-Heneicosane (C21)	13.498	2945009	19.967 ug/ml
13) T n-Docosane (C22)	14.085	2920642	19.711 ug/ml
14) T n-Tetracosane (C24)	15.188	2915663	19.207 ug/ml
15) T n-Hexacosane (C26)	16.211	2836065	19.131 ug/ml
16) T n-Octacosane (C28)	17.162	2781104	18.558 ug/ml
17) T n-Tricontane (C30)	18.050	2702626	18.317 ug/ml
18) T n-Dotriacontane (C32)	18.883	2679877	18.298 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2598389	18.891 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2439245	18.390 ug/ml
21) T n-Octatriacontane (C38)	21.139	2428147	18.717 ug/ml
22) T n-Tetracontane (C40)	22.039	2665941	20.079 ug/ml

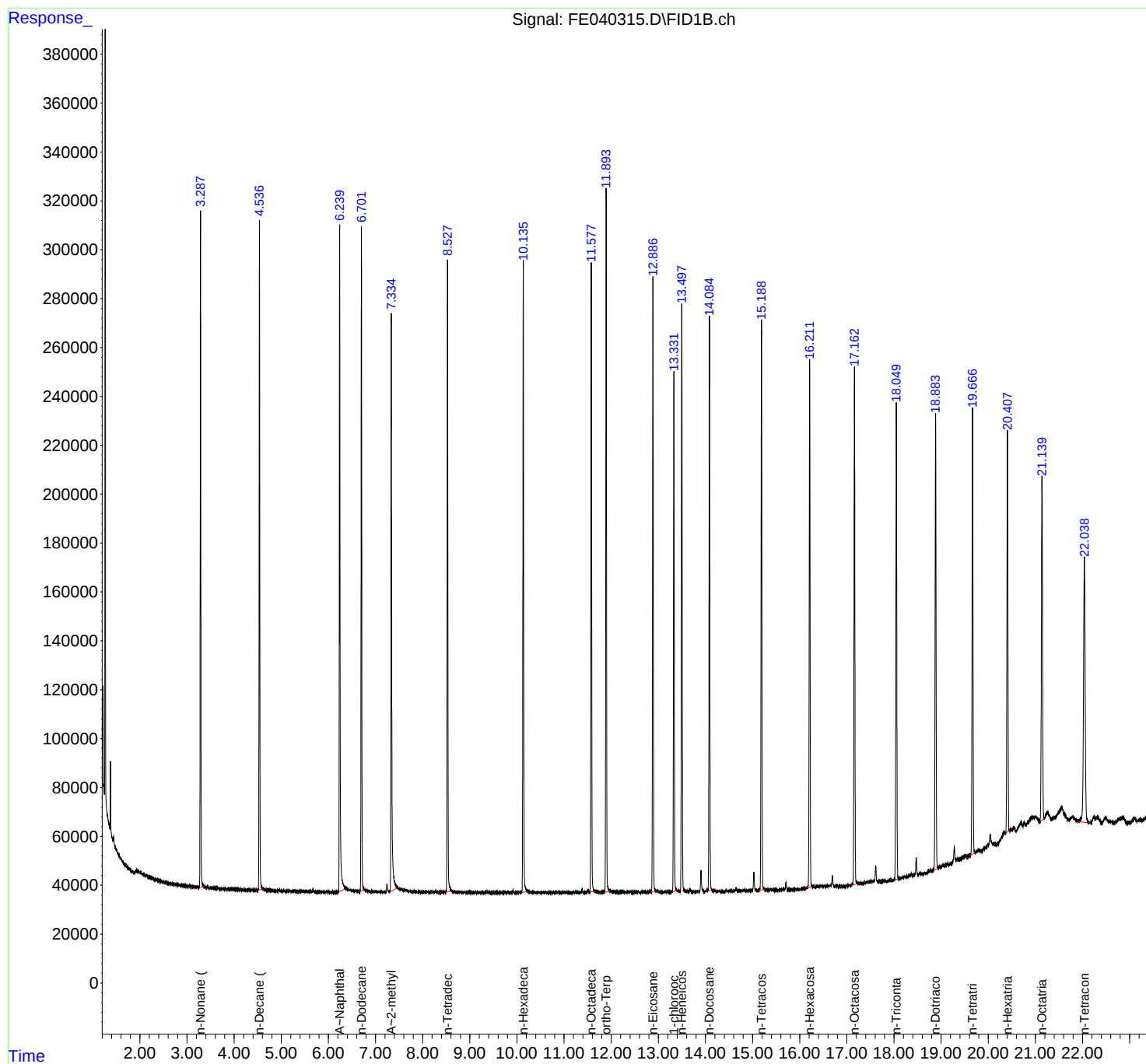
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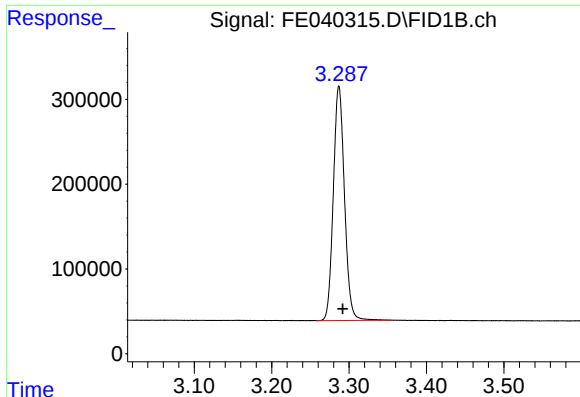
(m)=manual int.

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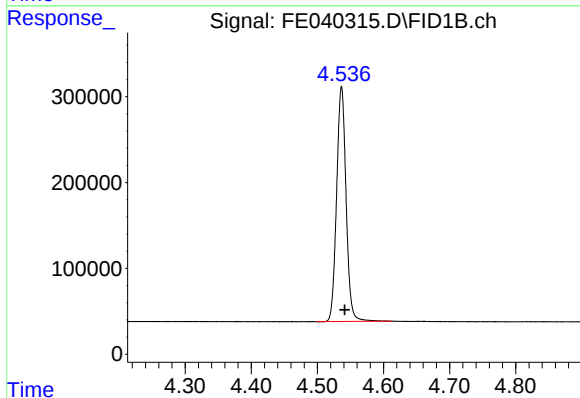
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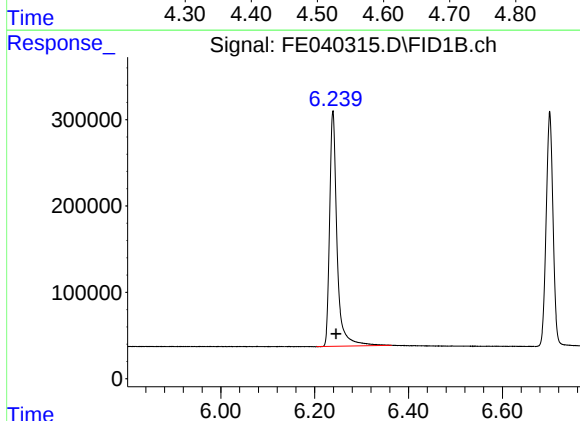
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.005 min
Response: 2769676
Conc: 20.35 ug/ml



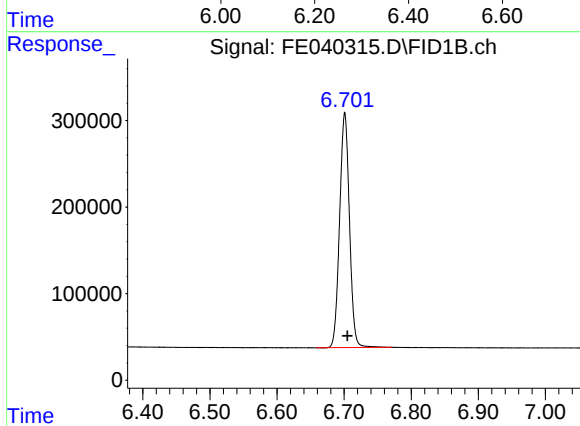
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.005 min
Response: 2724493
Conc: 20.51 ug/ml



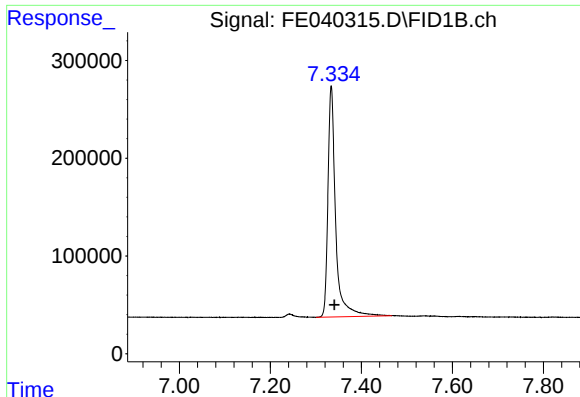
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.007 min
Response: 3006987
Conc: 20.55 ug/ml



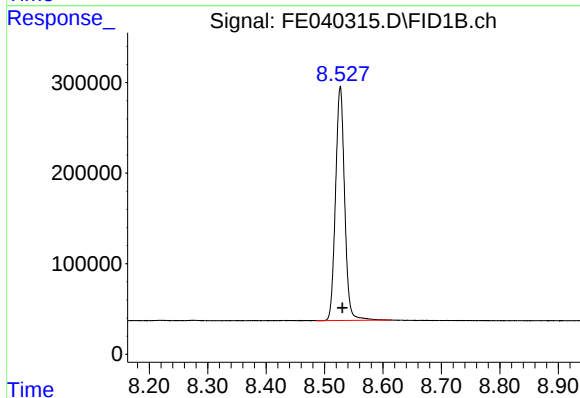
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 2764086
Conc: 20.53 ug/ml



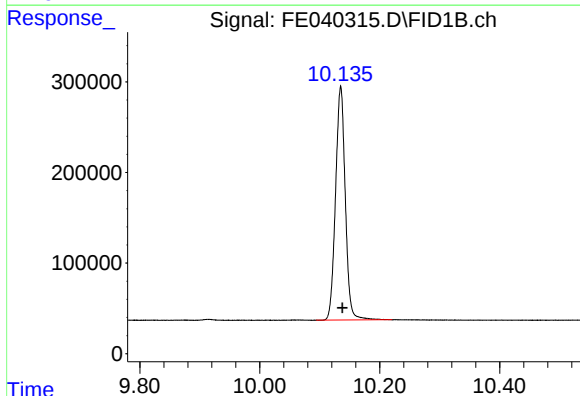
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.007 min
Response: 2786388
Conc: 20.59 ug/ml



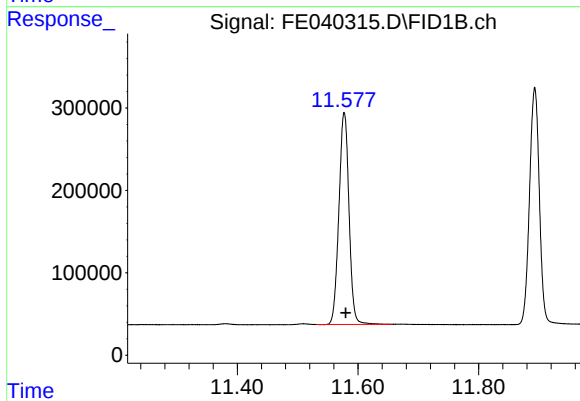
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 2797735
Conc: 20.30 ug/ml



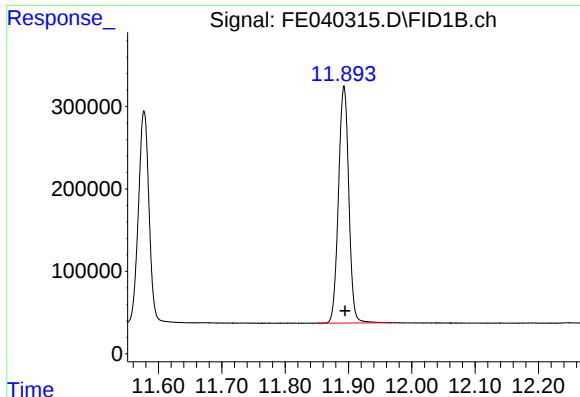
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 2904069
Conc: 20.23 ug/ml



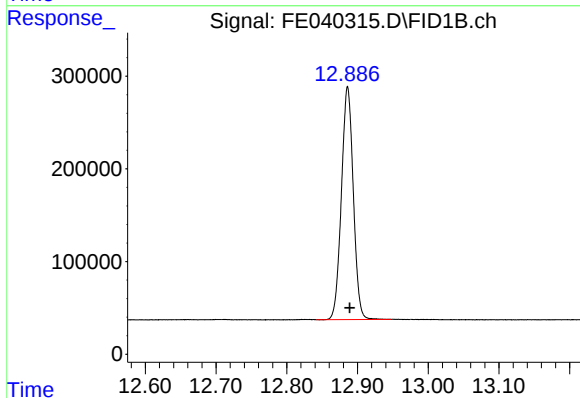
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.002 min
Response: 2987567
Conc: 20.08 ug/ml



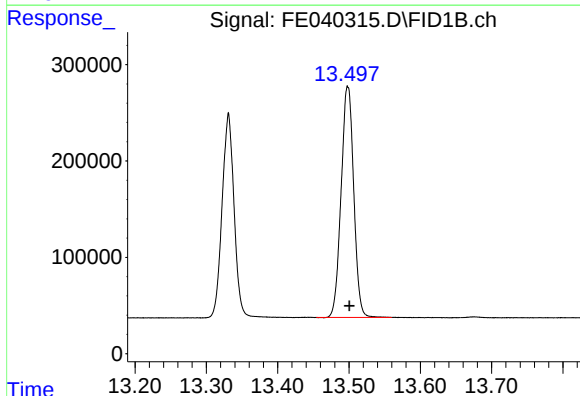
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 3252365
Conc: 20.09 ug/ml



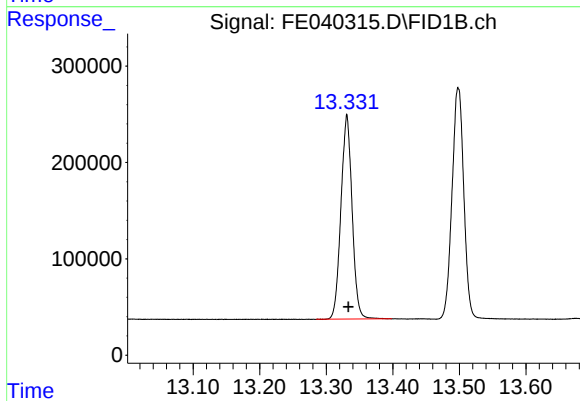
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.003 min
Response: 2930270
Conc: 19.93 ug/ml



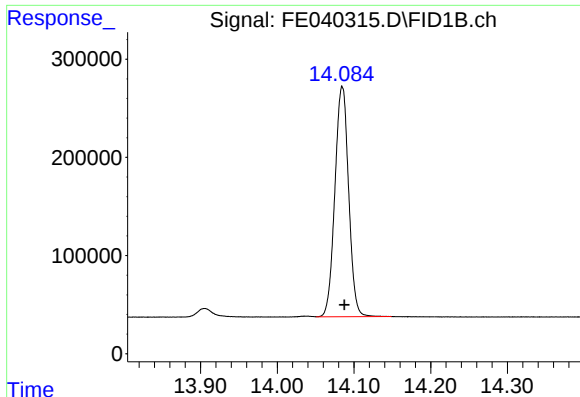
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.002 min
Response: 2945009
Conc: 19.97 ug/ml



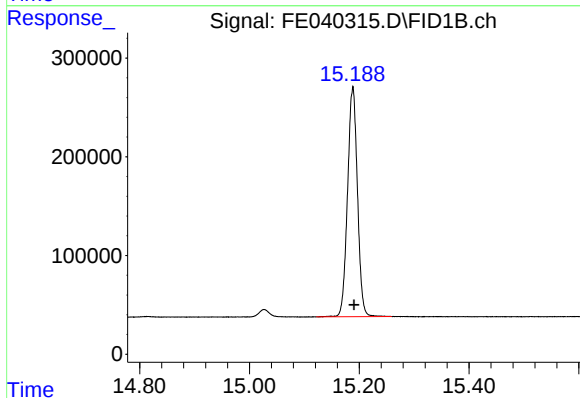
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.002 min
Response: 2471056
Conc: 19.92 ug/ml



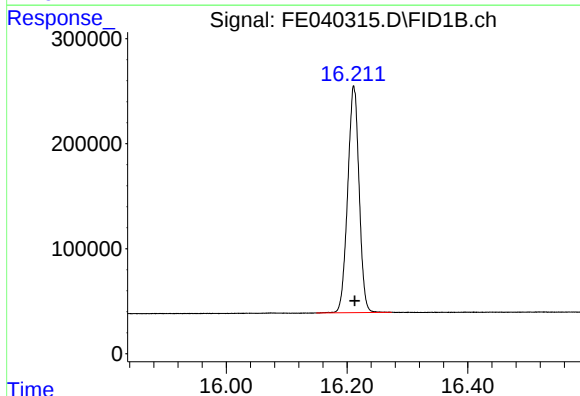
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.003 min
Response: 2920642
Conc: 19.71 ug/ml



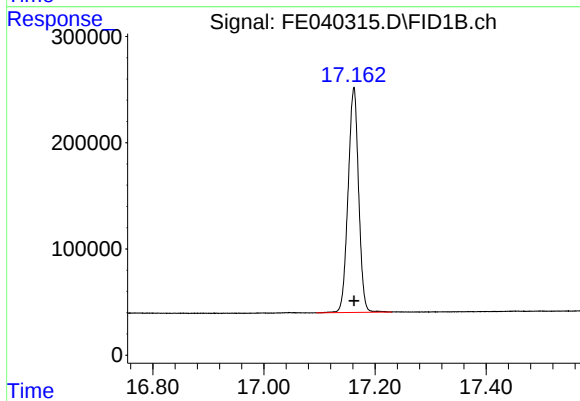
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.002 min
Response: 2915663
Conc: 19.21 ug/ml



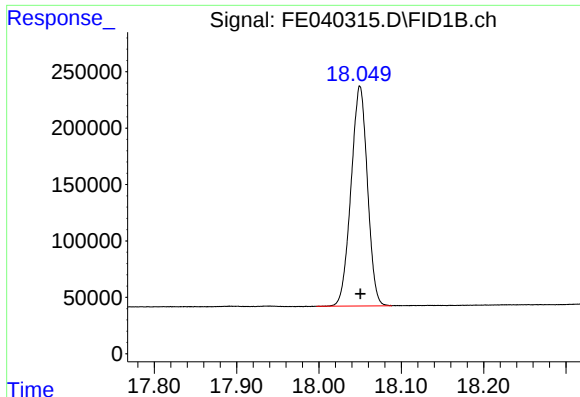
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 2836065
Conc: 19.13 ug/ml



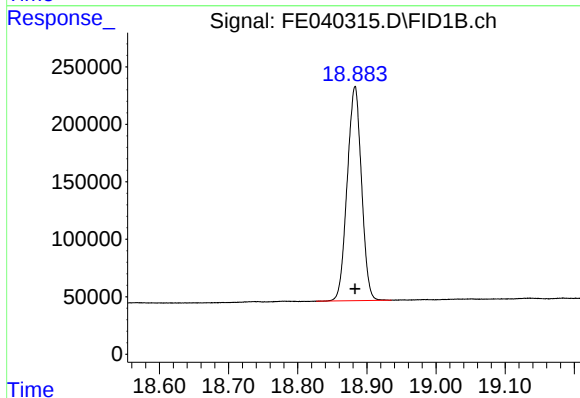
#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2781104
Conc: 18.56 ug/ml



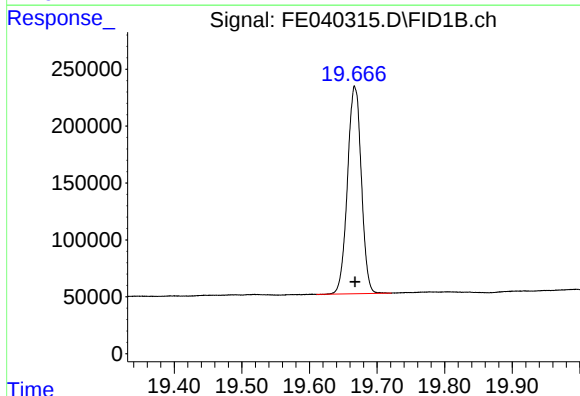
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2702626
Conc: 18.32 ug/ml



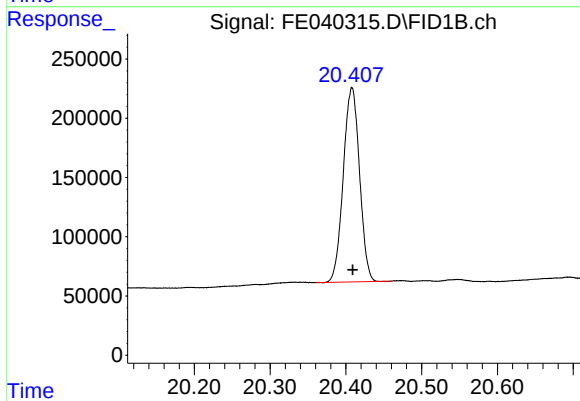
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 2679877
Conc: 18.30 ug/ml



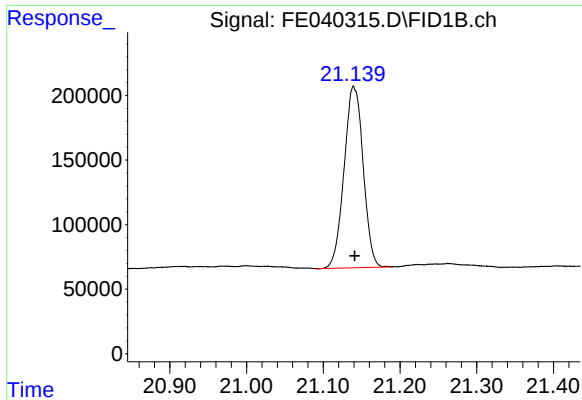
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 2598389
Conc: 18.89 ug/ml



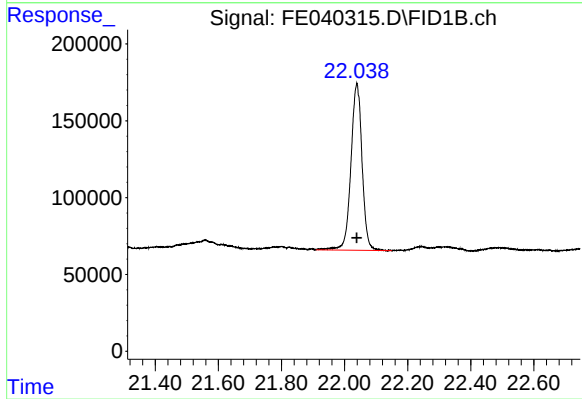
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2439245
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.002 min
Response: 2428147
Conc: 18.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 2665941
Conc: 20.08 ug/ml