

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012523AL\
 Data File : FE040031.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2023 11:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 02:46:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.901	2388501	15.554 ug/ml
Spiked Amount 50.000		Recovery =	31.11%
12) S 1-chlorooctadecane (S...	13.339	1812494	15.532 ug/ml
Spiked Amount 50.000		Recovery =	31.06%
Target Compounds			
1) T n-Nonane (C9)	3.300	1992373	15.696 ug/ml
2) T n-Decane (C10)	4.548	1996056	16.073 ug/ml
3) T A~Naphthalene (C11.7)	6.249	2174477	15.419 ug/ml
4) T n-Dodecane (C12)	6.711	2014308	16.021 ug/ml
5) T A~2-methylnaphthalene...	7.344	2022271	15.440 ug/ml
6) T n-Tetradecane (C14)	8.536	2060785	16.023 ug/ml
7) T n-Hexadecane (C16)	10.143	2151155	15.946 ug/ml
8) T n-Octadecane (C18)	11.586	2214961	15.807 ug/ml
10) T n-Eicosane (C20)	12.894	2166410	15.636 ug/ml
11) T n-Heneicosane (C21)	13.506	2170776	15.557 ug/ml
13) T n-Docosane (C22)	14.091	2168715	15.624 ug/ml
14) T n-Tetracosane (C24)	15.195	2195228	15.944 ug/ml
15) T n-Hexacosane (C26)	16.215	2149950	16.109 ug/ml
16) T n-Octacosane (C28)	17.166	2221262	17.064 ug/ml
17) T n-Tricontane (C30)	18.054	2424581	19.012 ug/ml
18) T n-Dotriacontane (C32)	18.886	2511321	19.865 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2315822	18.741 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2080772	17.649 ug/ml
21) T n-Octatriacontane (C38)	21.143	1966589	16.454 ug/ml
22) T n-Tetracontane (C40)	22.039	1986715	16.369 ug/ml

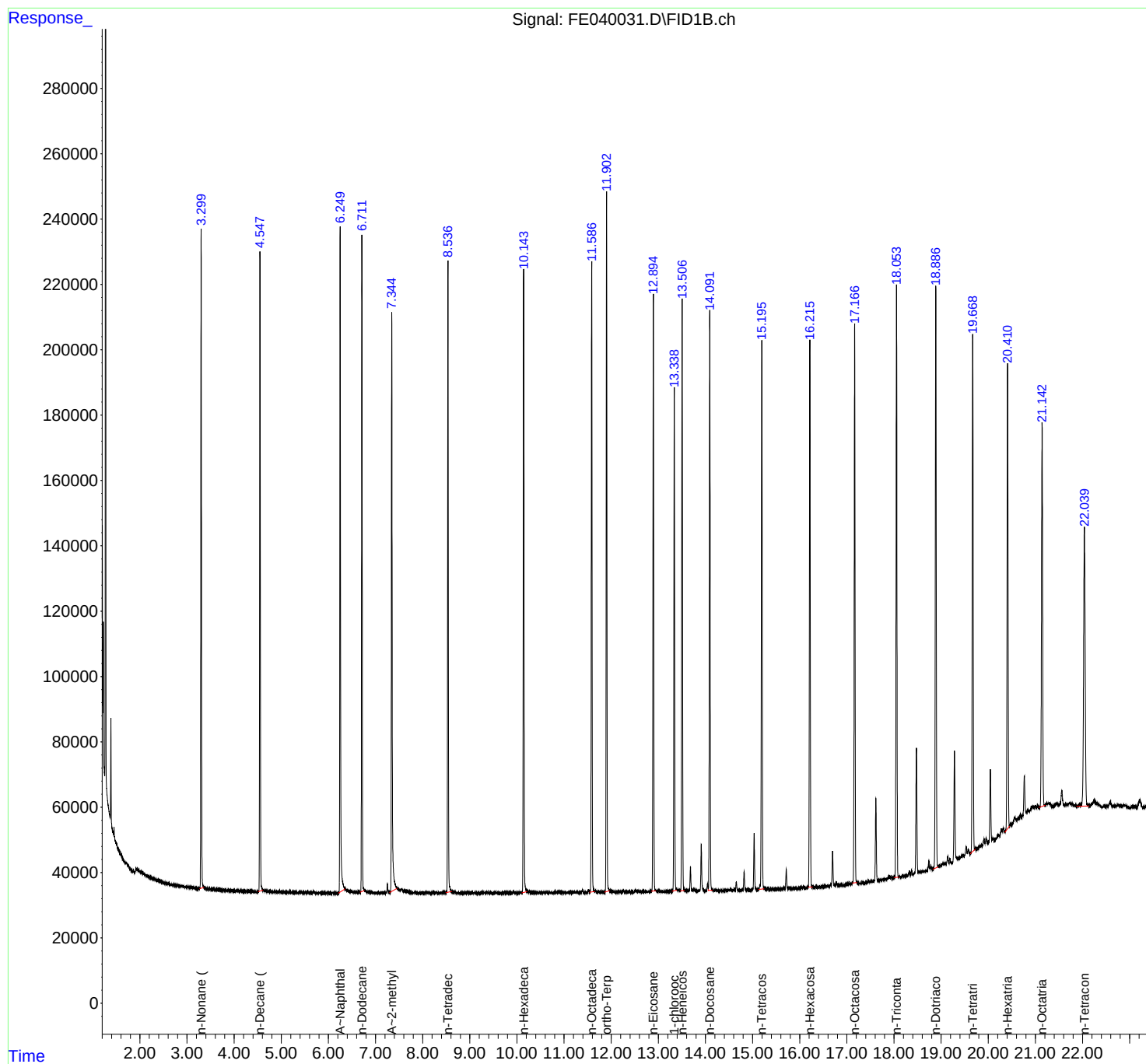
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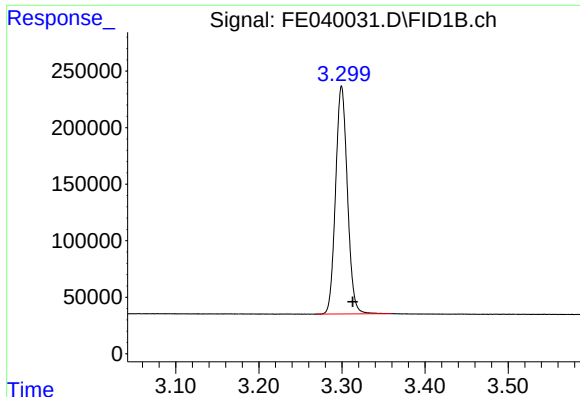
(m)=manual int.

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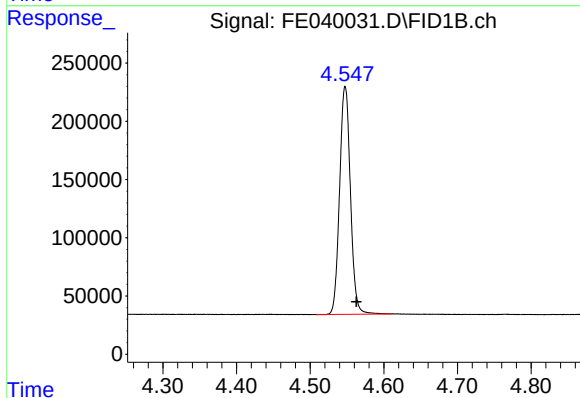
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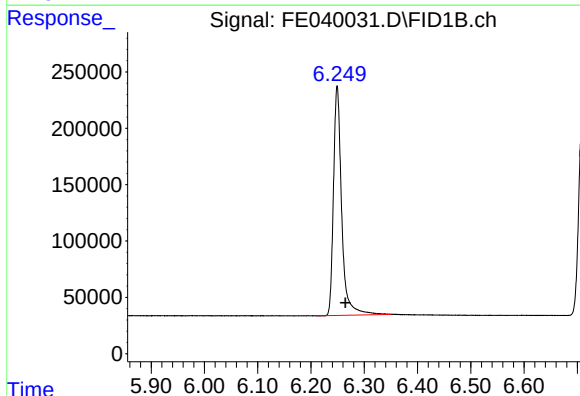
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 1992373
Conc: 15.70 ug/ml



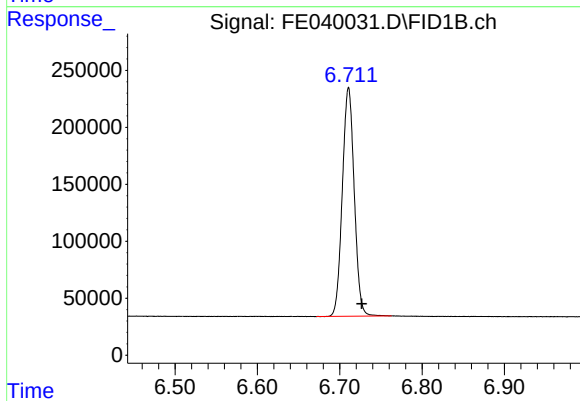
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.015 min
Response: 1996056
Conc: 16.07 ug/ml



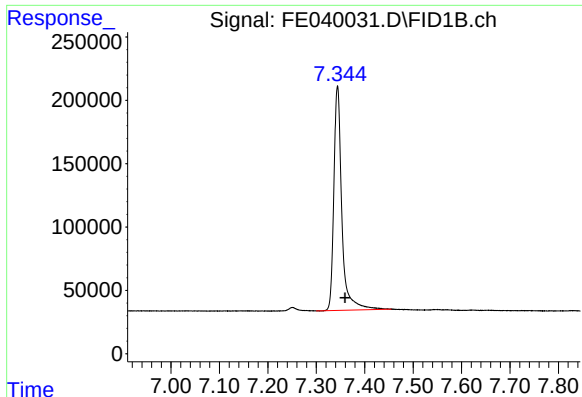
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.015 min
Response: 2174477
Conc: 15.42 ug/ml



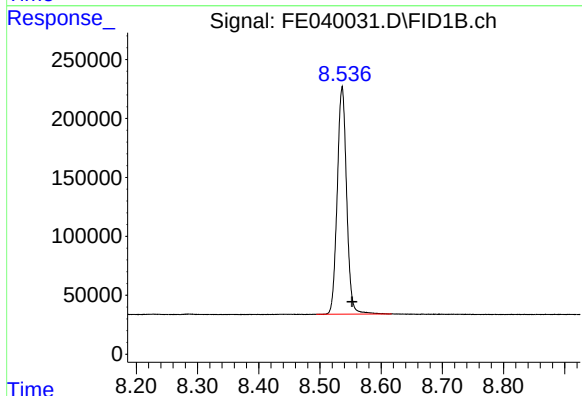
#4 n-Dodecane (C12)

R.T.: 6.711 min
Delta R.T.: -0.016 min
Response: 2014308
Conc: 16.02 ug/ml



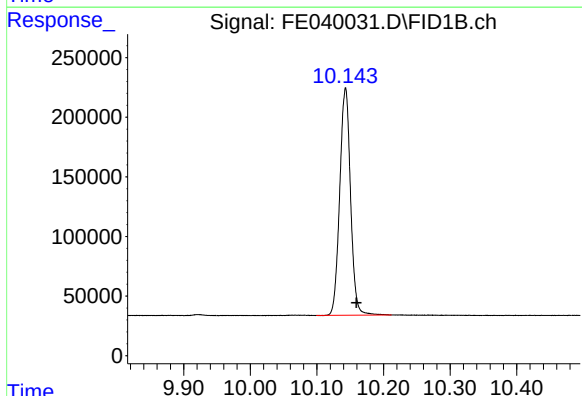
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.344 min
Delta R.T.: -0.015 min
Response: 2022271
Conc: 15.44 ug/ml



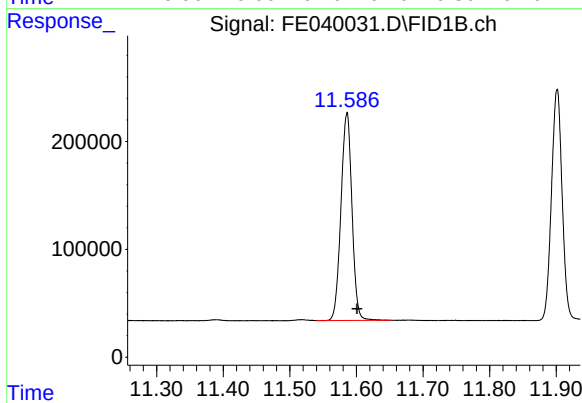
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.016 min
Response: 2060785
Conc: 16.02 ug/ml



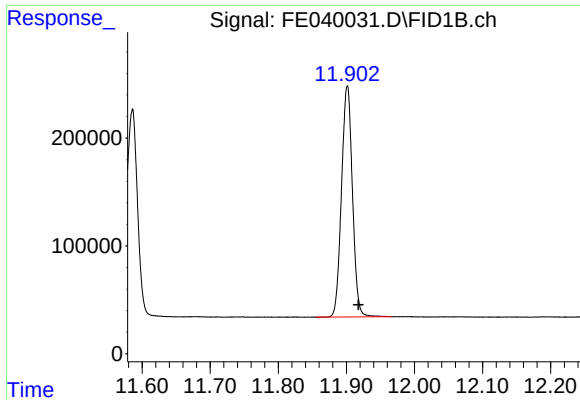
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.016 min
Response: 2151155
Conc: 15.95 ug/ml



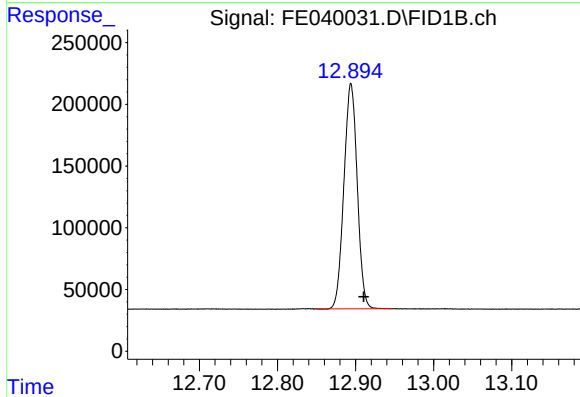
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 2214961
Conc: 15.81 ug/ml



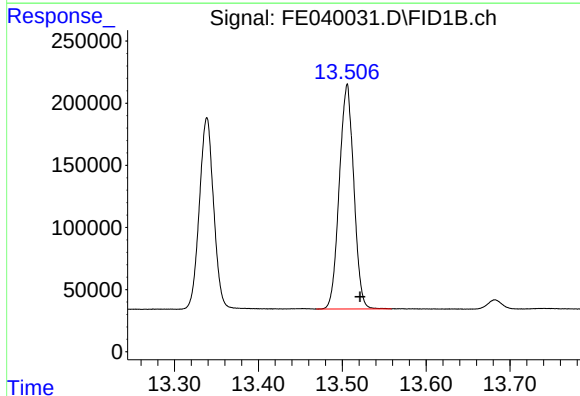
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 2388501
Conc: 15.55 ug/ml



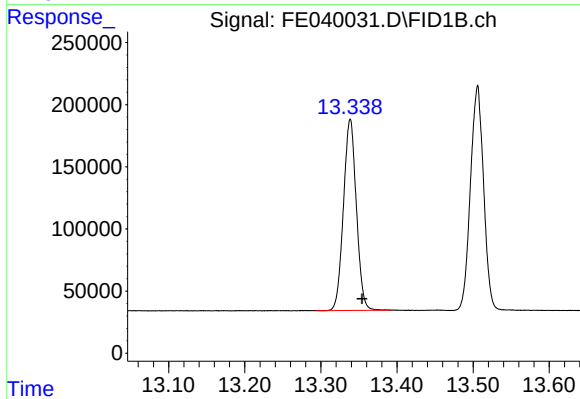
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.016 min
Response: 2166410
Conc: 15.64 ug/ml



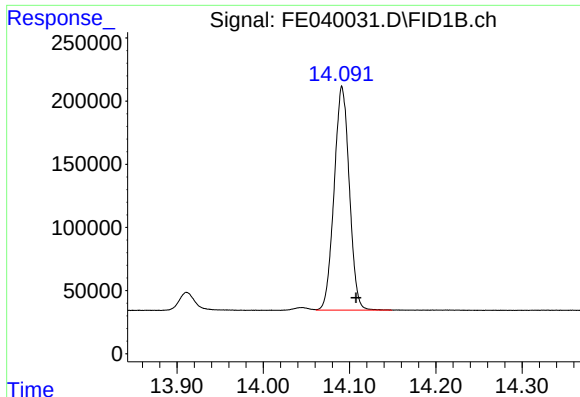
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.016 min
Response: 2170776
Conc: 15.56 ug/ml



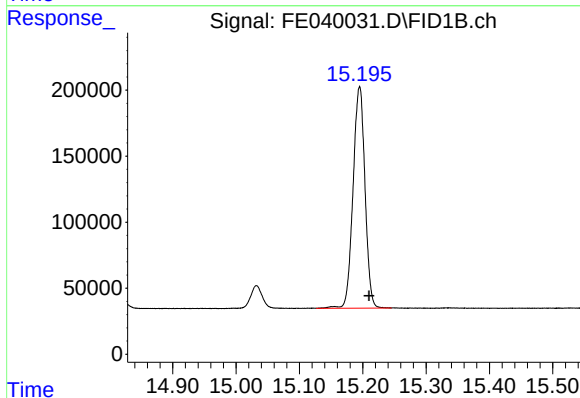
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.015 min
Response: 1812494
Conc: 15.53 ug/ml



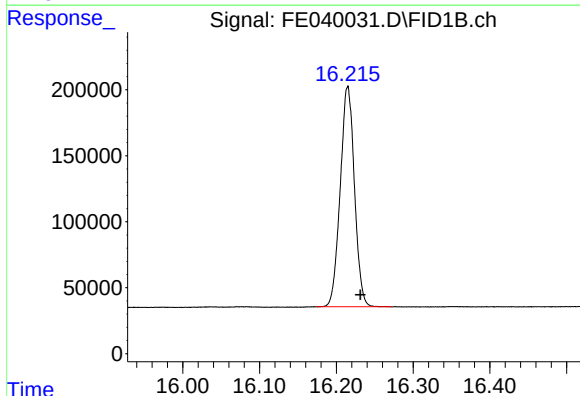
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.016 min
Response: 2168715
Conc: 15.62 ug/ml



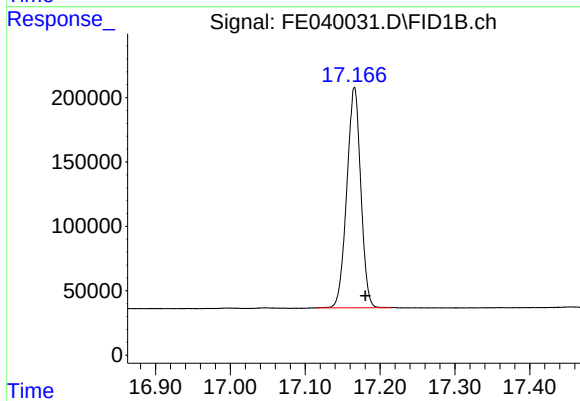
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.015 min
Response: 2195228
Conc: 15.94 ug/ml



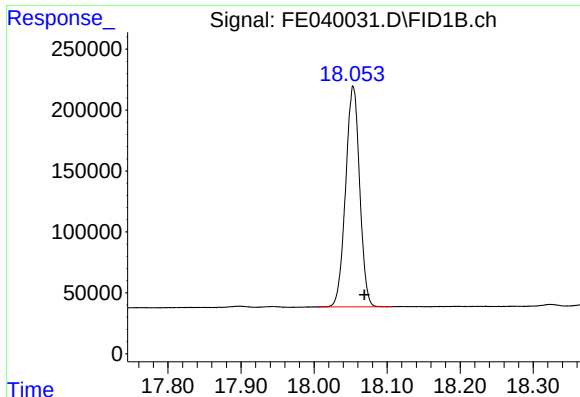
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.016 min
Response: 2149950
Conc: 16.11 ug/ml



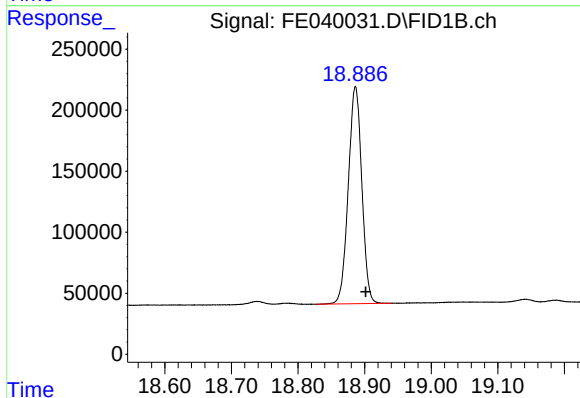
#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.014 min
Response: 2221262
Conc: 17.06 ug/ml



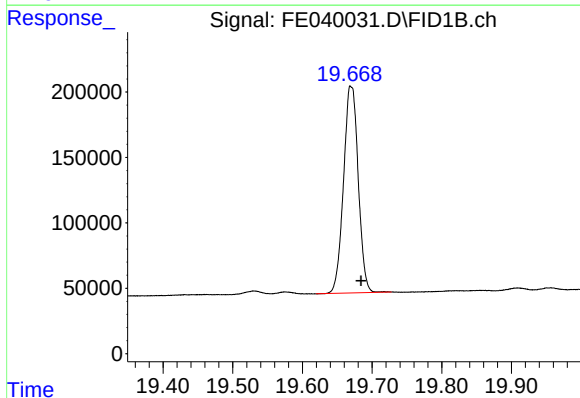
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.015 min
Response: 2424581
Conc: 19.01 ug/ml



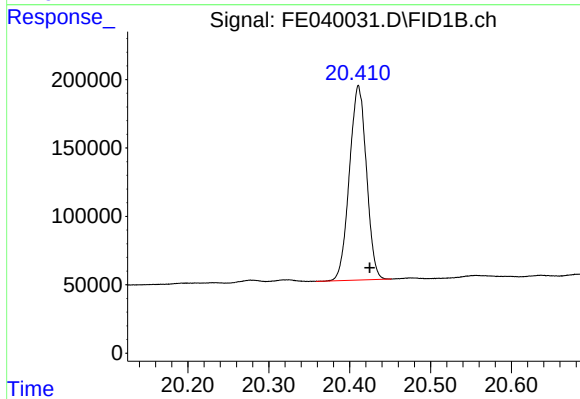
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.015 min
Response: 2511321
Conc: 19.86 ug/ml



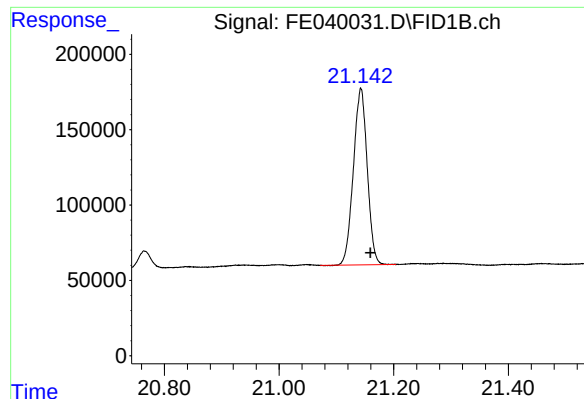
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.014 min
Response: 2315822
Conc: 18.74 ug/ml



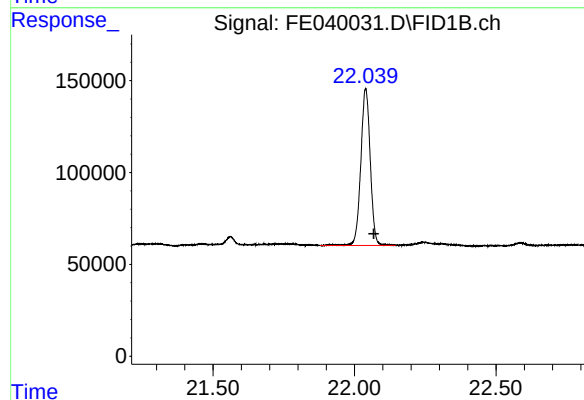
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.014 min
Response: 2080772
Conc: 17.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: -0.016 min
Response: 1966589
Conc: 16.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.029 min
Response: 1986715
Conc: 16.37 ug/ml