

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022823AL\
 Data File : FE040585.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 23:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:09:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.880	3711651	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.318	2940165	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.278	3050679	19.826 ug/ml
2) T n-Decane (C10)	4.524	2974482	19.771 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3327038	20.058 ug/ml
4) T n-Dodecane (C12)	6.688	3032580	19.809 ug/ml
5) T A~2-methylnaphthalene...	7.321	3089509	20.414 ug/ml
6) T n-Tetradecane (C14)	8.515	3063269	19.820 ug/ml
7) T n-Hexadecane (C16)	10.122	3209815	19.872 ug/ml
8) T n-Octadecane (C18)	11.564	3354635	19.757 ug/ml
10) T n-Eicosane (C20)	12.874	3356278	19.840 ug/ml
11) T n-Heneicosane (C21)	13.486	3403598	19.862 ug/ml
13) T n-Docosane (C22)	14.072	3405160	19.877 ug/ml
14) T n-Tetracosane (C24)	15.175	3456214	20.049 ug/ml
15) T n-Hexacosane (C26)	16.198	3429339	20.177 ug/ml
16) T n-Octacosane (C28)	17.148	3410080	20.334 ug/ml
17) T n-Tricontane (C30)	18.037	3350218	20.518 ug/ml
18) T n-Dotriacontane (C32)	18.869	3325201	19.429 ug/ml
19) T n-Tetratriacontane (C34)	19.655	3178032	20.555 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2924965	20.133 ug/ml
21) T n-Octatriacontane (C38)	21.125	2800091	20.371 ug/ml
22) T n-Tetracontane (C40)	22.017	2787025	18.037 ug/ml

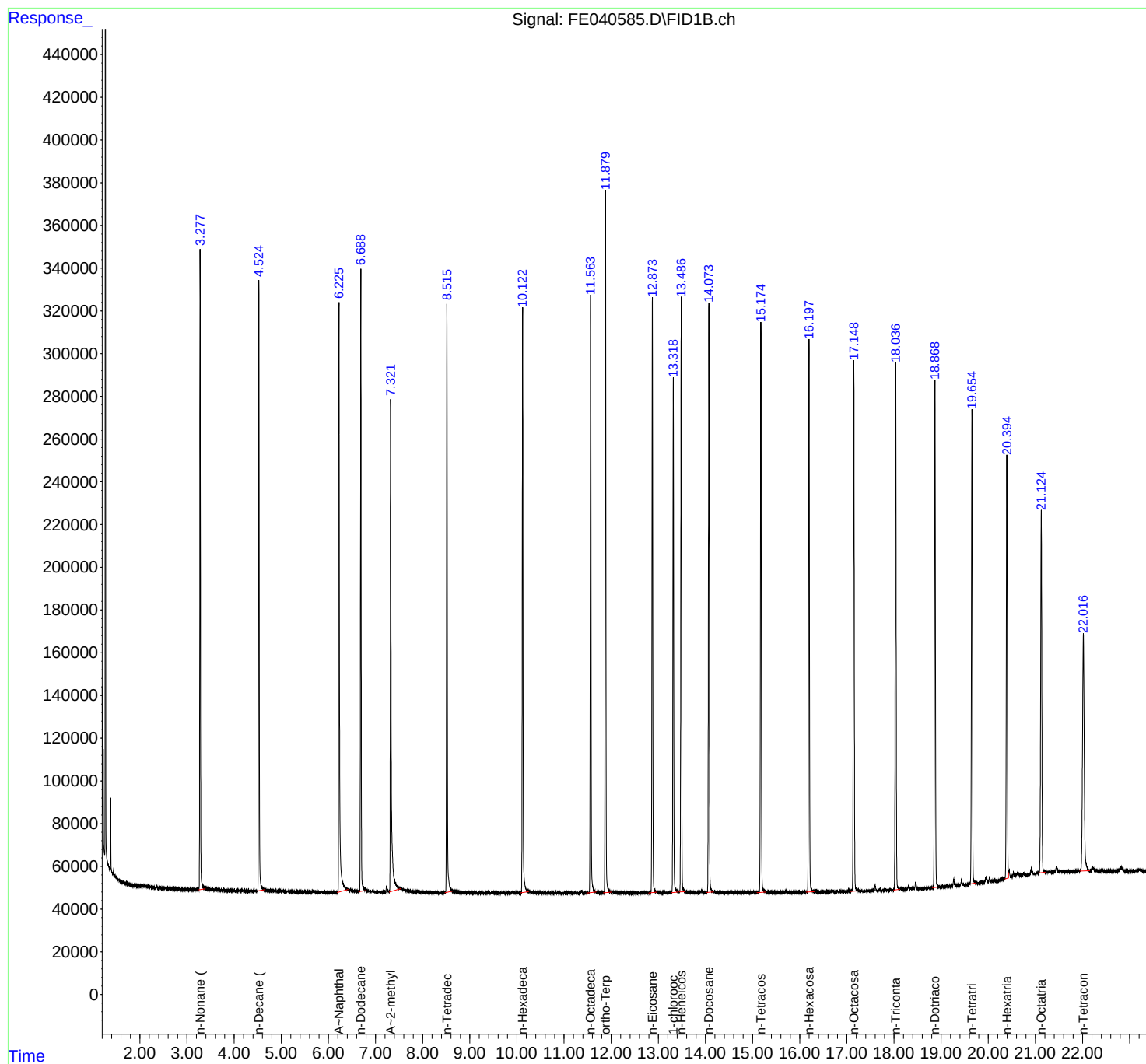
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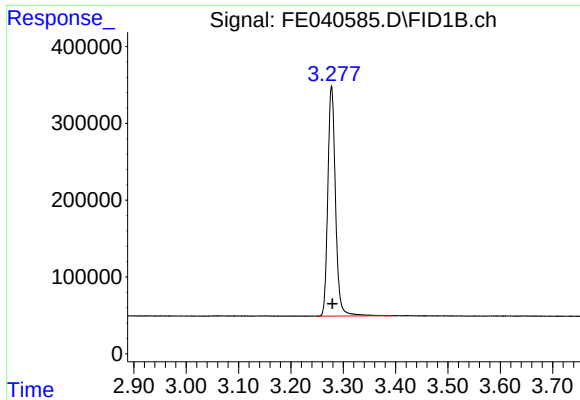
(m)=manual int.

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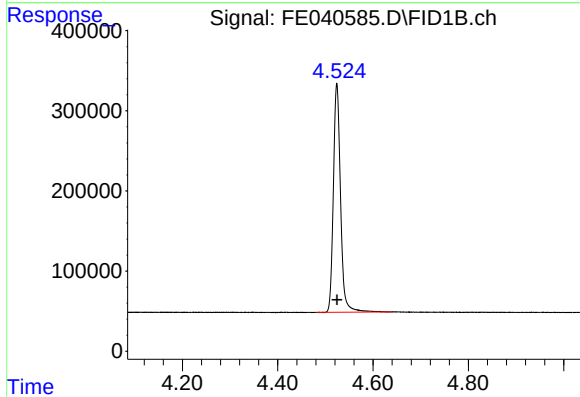
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Signal Info : 20M x 0.18mm x 0.18um





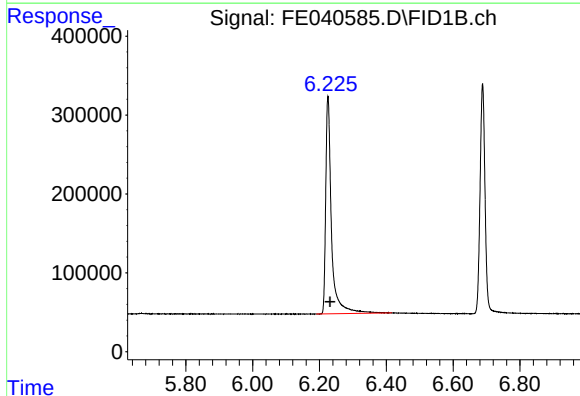
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3050679
Conc: 19.83 ug/ml



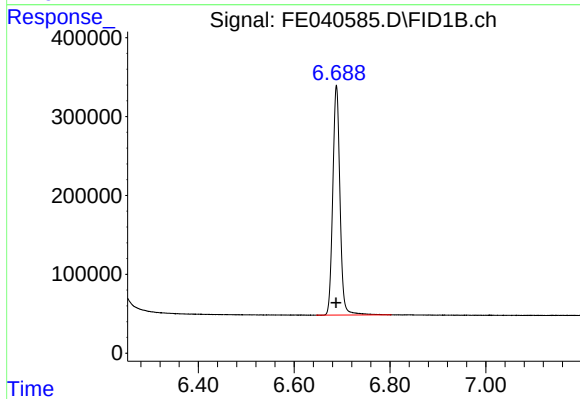
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 2974482
Conc: 19.77 ug/ml



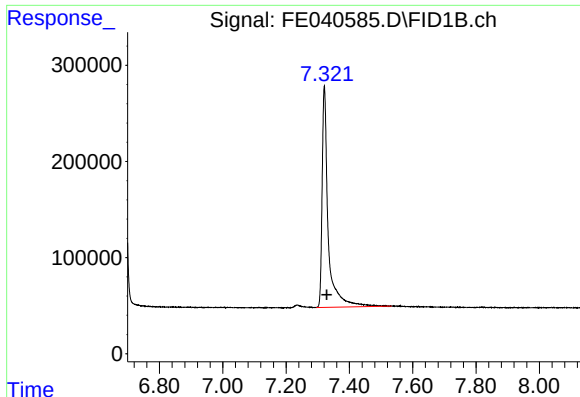
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 3327038
Conc: 20.06 ug/ml



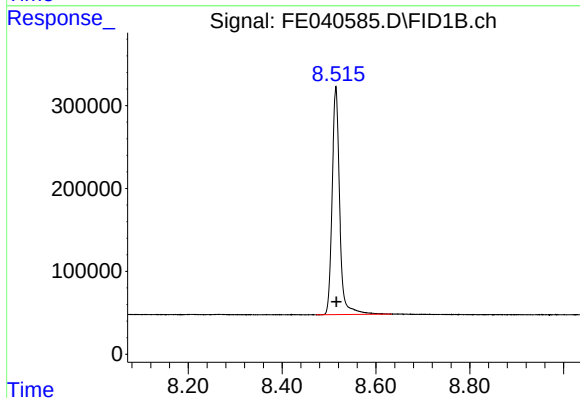
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 3032580
Conc: 19.81 ug/ml



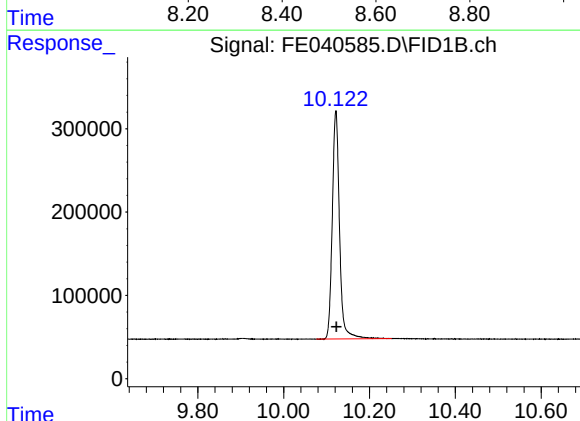
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 3089509
Conc: 20.41 ug/ml



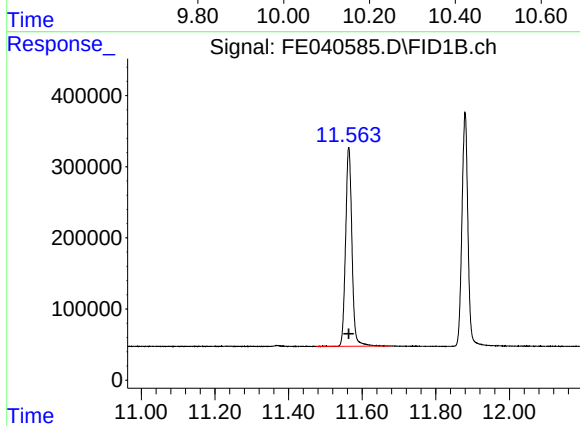
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 3063269
Conc: 19.82 ug/ml



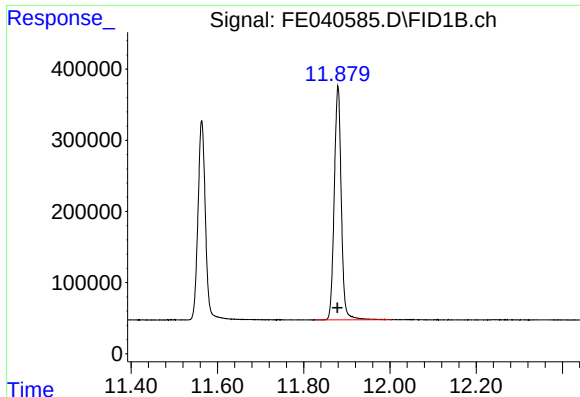
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 3209815
Conc: 19.87 ug/ml



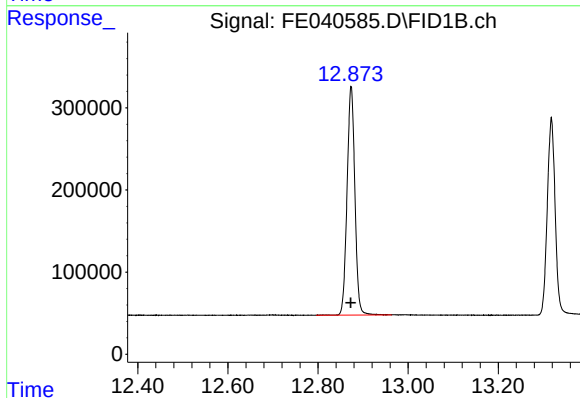
#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 3354635
Conc: 19.76 ug/ml



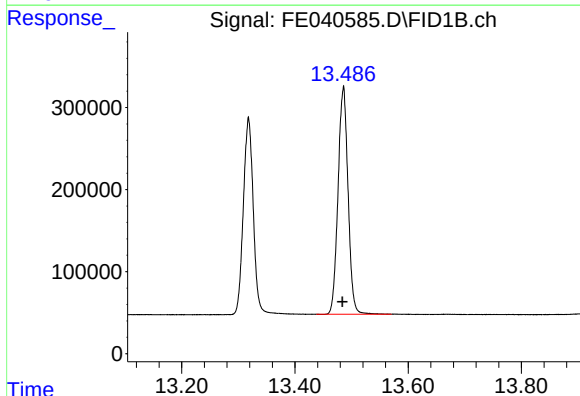
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: 0.001 min
Response: 3711651
Conc: 19.87 ug/ml



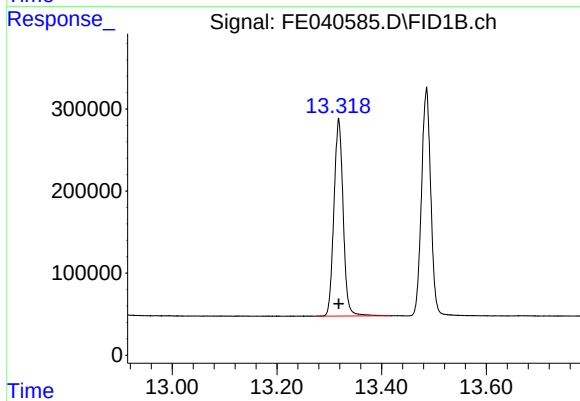
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 3356278
Conc: 19.84 ug/ml



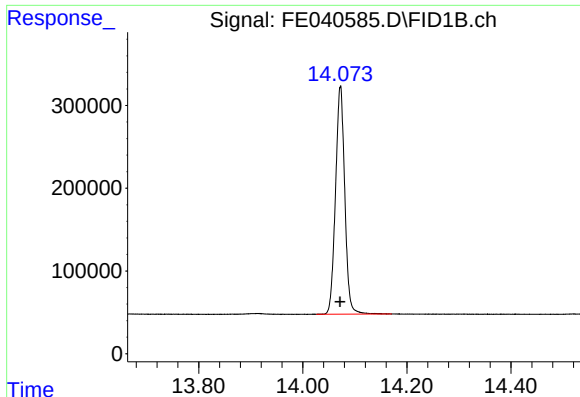
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.002 min
Response: 3403598
Conc: 19.86 ug/ml



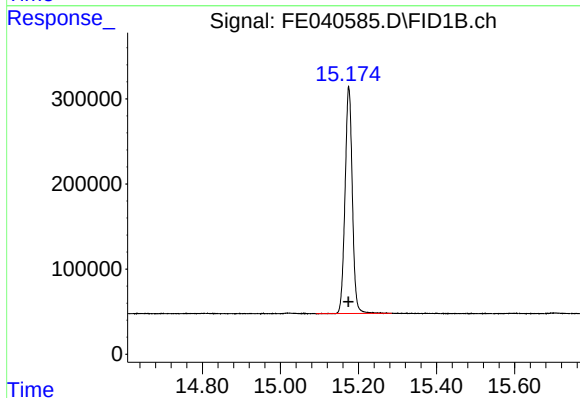
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 2940165
Conc: 19.87 ug/ml



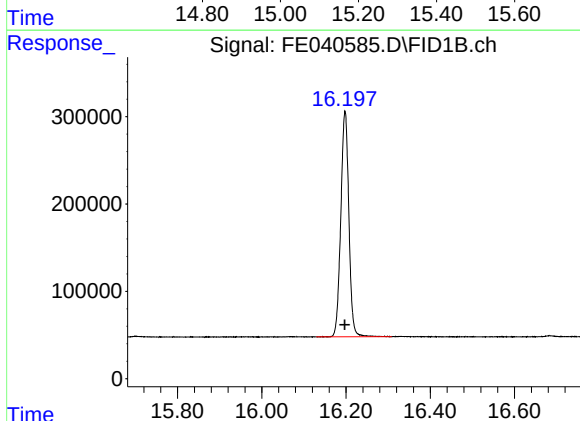
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 3405160
Conc: 19.88 ug/ml



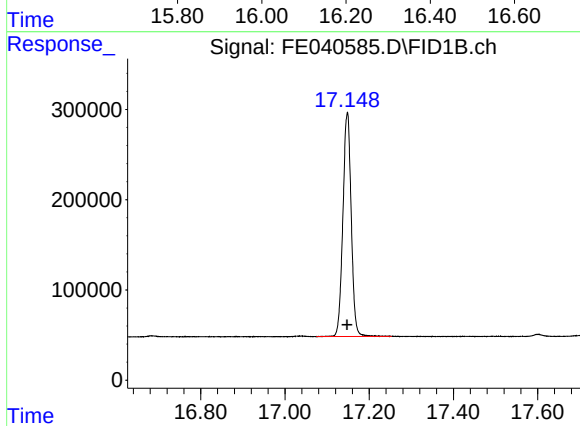
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 3456214
Conc: 20.05 ug/ml



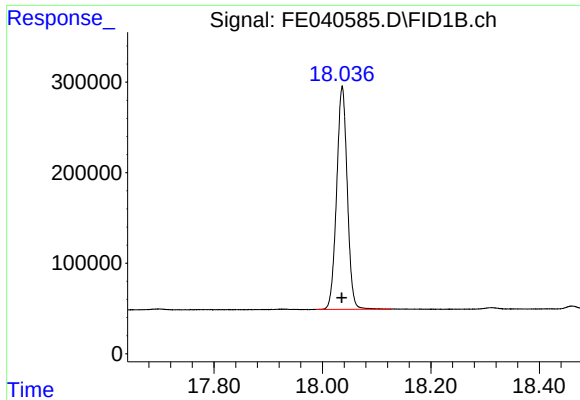
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 3429339
Conc: 20.18 ug/ml



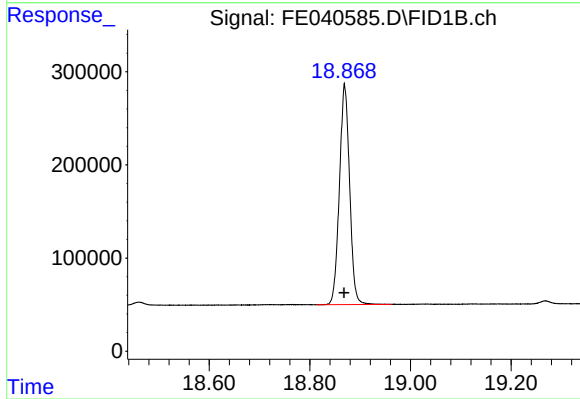
#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: 0.001 min
Response: 3410080
Conc: 20.33 ug/ml



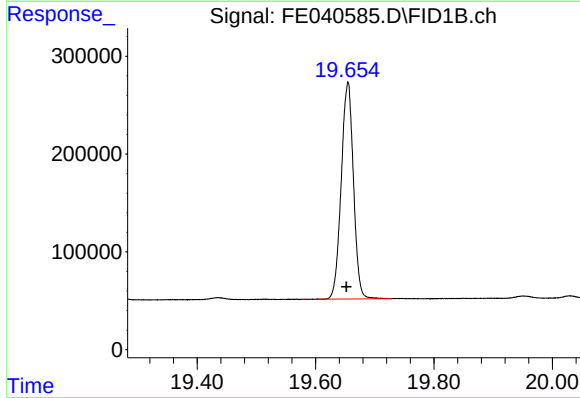
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: 0.000 min
Response: 3350218
Conc: 20.52 ug/ml



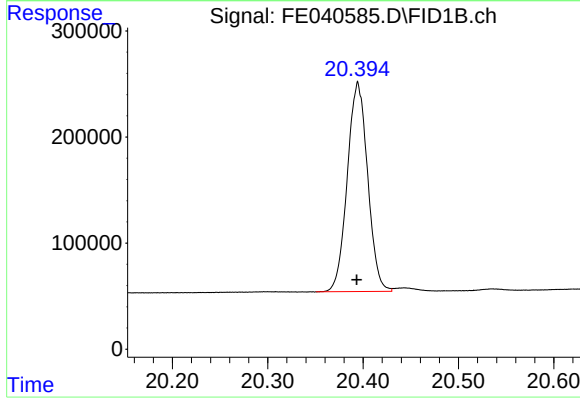
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.000 min
Response: 3325201
Conc: 19.43 ug/ml



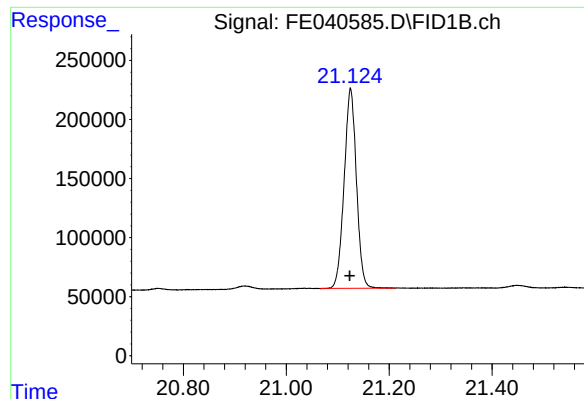
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.003 min
Response: 3178032
Conc: 20.56 ug/ml



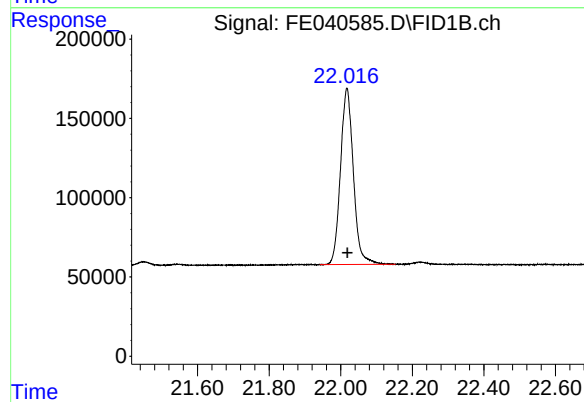
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.001 min
Response: 2924965
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.001 min
Response: 2800091
Conc: 20.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.000 min
Response: 2787025
Conc: 18.04 ug/ml