

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022823AL\
 Data File : FE040578.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 19:10
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 02:53:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 02:50:39 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)	11.889	17469323	97.634 ug/ml
Spiked Amount 50.000		Recovery =	195.27%
12) S 1-chlorooctadecane (S...	13.325	13844045	97.636 ug/ml
Spiked Amount 50.000		Recovery =	195.27%
Target Compounds			
1) T n-Nonane (C9)	3.281	14640118	98.318 ug/ml
2) T n-Decane (C10)	4.528	14436061	98.773 ug/ml
3) T A~Naphthalene (C11.7)	6.229	16698377	100.316 ug/ml
4) T n-Dodecane (C12)	6.693	14666451	98.651 ug/ml
5) T A~2-methylnaphthalene...	7.325	15791541	101.539 ug/ml
6) T n-Tetradecane (C14)	8.519	14914021	99.009 ug/ml
7) T n-Hexadecane (C16)	10.128	15467596	98.631 ug/ml
8) T n-Octadecane (C18)	11.573	15937316	97.750 ug/ml
10) T n-Eicosane (C20)	12.881	15765349	97.443 ug/ml
11) T n-Heneicosane (C21)	13.494	15959907	97.412 ug/ml
13) T n-Docosane (C22)	14.079	15899381	97.201 ug/ml
14) T n-Tetracosane (C24)	15.183	15948375	96.961 ug/ml
15) T n-Hexacosane (C26)	16.204	15679782	96.728 ug/ml
16) T n-Octacosane (C28)	17.156	15385271	96.276 ug/ml
17) T n-Tricontane (C30)	18.044	14901690	95.982 ug/ml
18) T n-Dotriacontane (C32)	18.878	14729474	90.520 ug/ml
19) T n-Tetratriacontane (C34)	19.662	13912259	95.130 ug/ml
20) T n-Hexatriacontane (C36)	20.402	12865366	93.823 ug/ml
21) T n-Octatriacontane (C38)	21.132	12394342	95.047 ug/ml
22) T n-Tetracontane (C40)	22.026	12430106	90.633 ug/ml

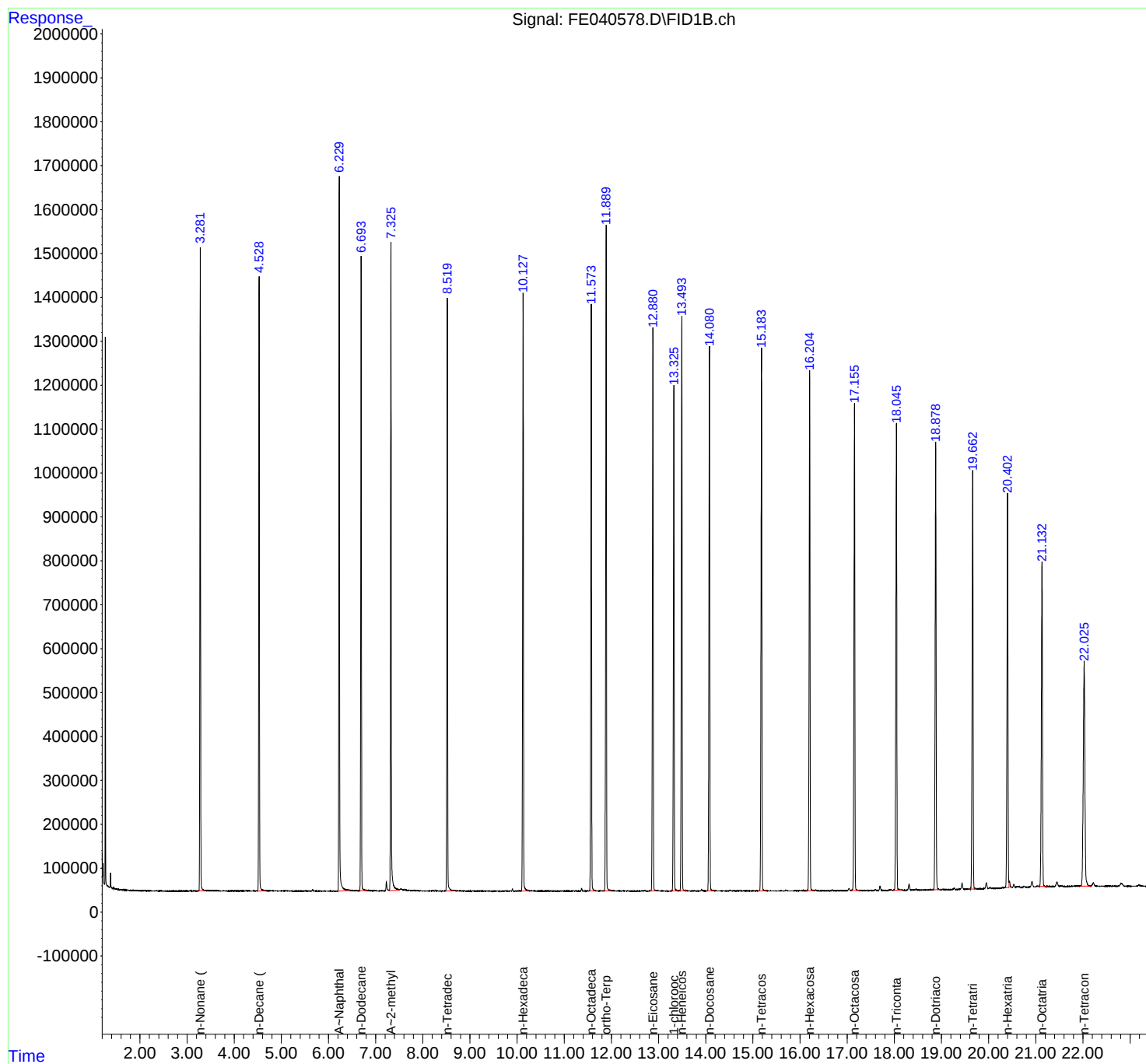
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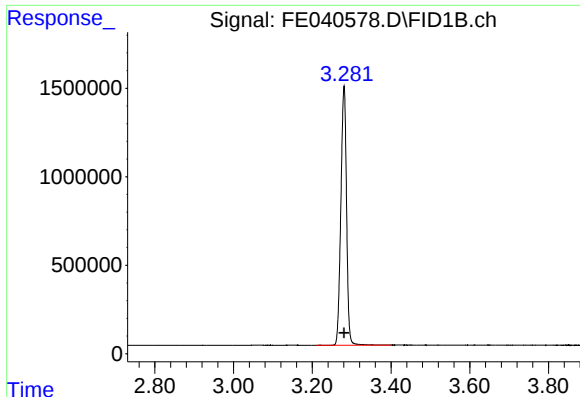
(m)=manual int.

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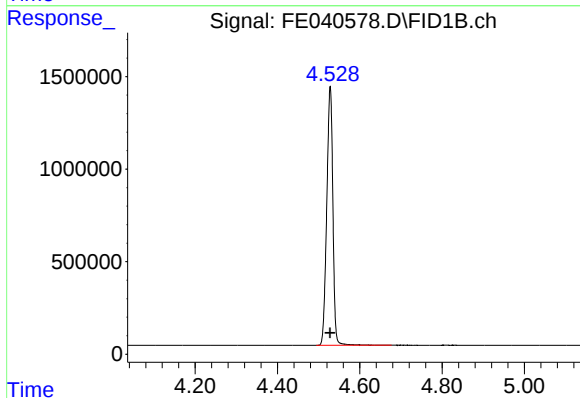
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Signal Info : 20M x 0.18mm x 0.18um





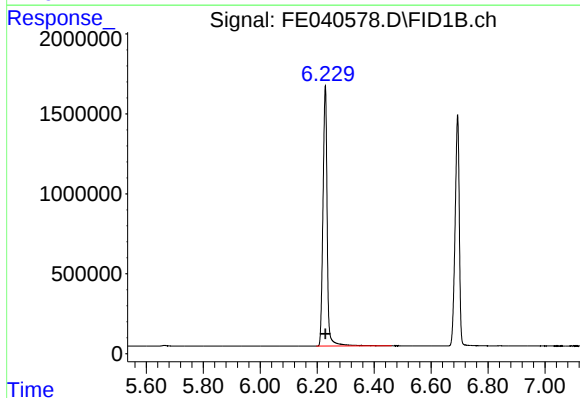
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 14640118
Conc: 98.32 ug/ml



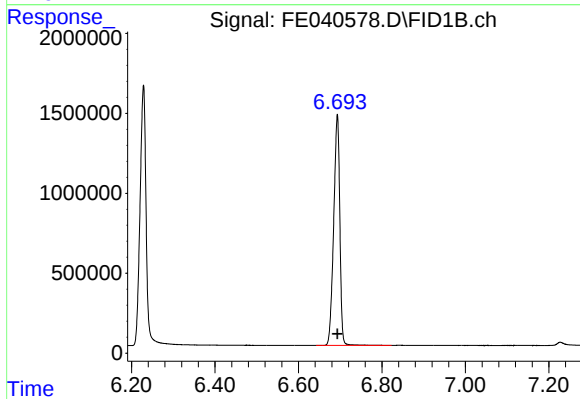
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 14436061
Conc: 98.77 ug/ml



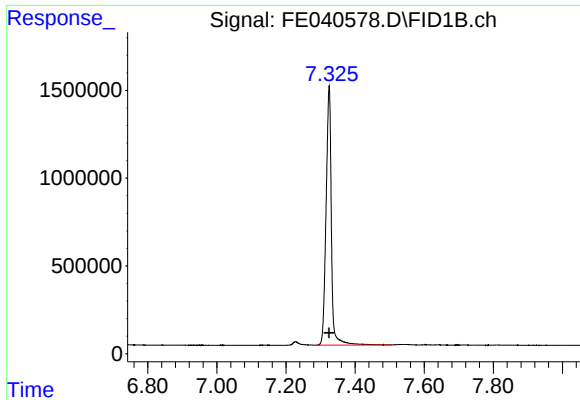
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 16698377
Conc: 100.32 ug/ml



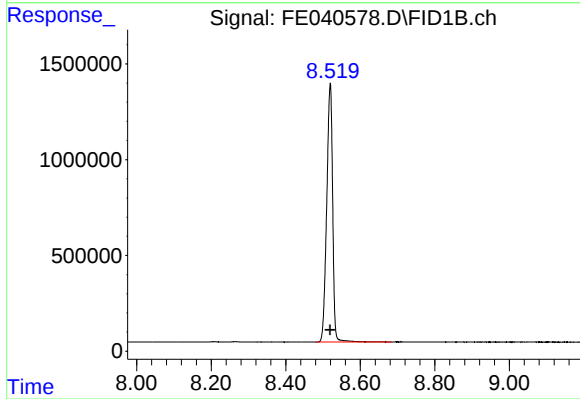
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 14666451
Conc: 98.65 ug/ml



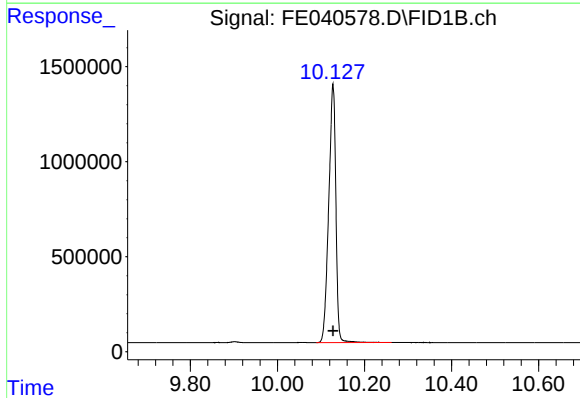
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 15791541
Conc: 101.54 ug/ml



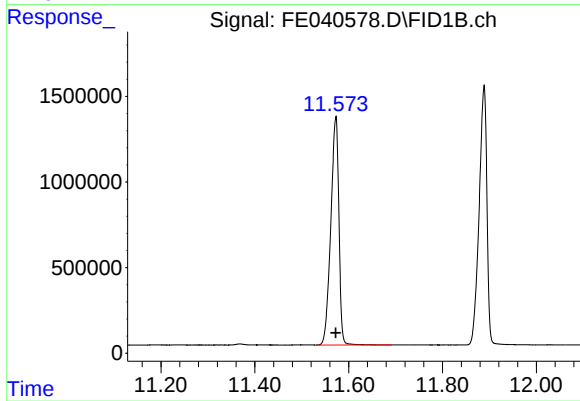
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 14914021
Conc: 99.01 ug/ml



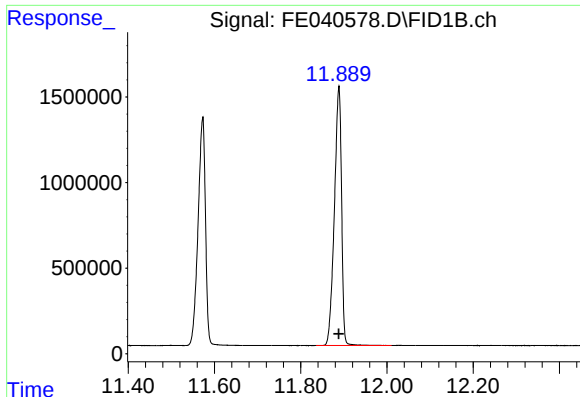
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 15467596
Conc: 98.63 ug/ml



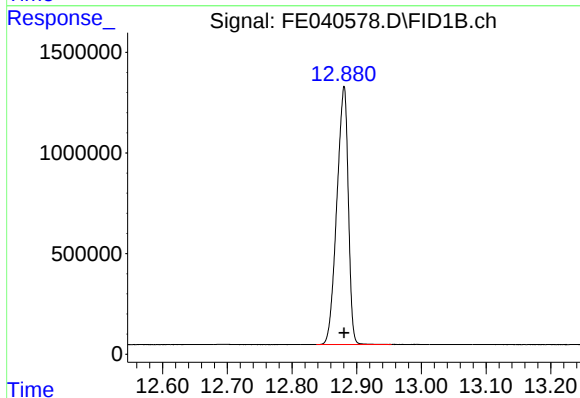
#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 15937316
Conc: 97.75 ug/ml



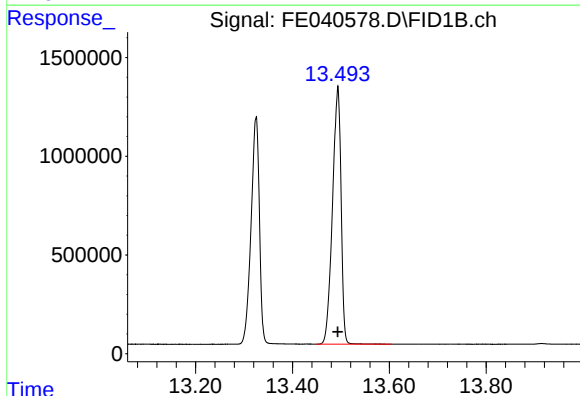
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 17469323
Conc: 97.63 ug/ml



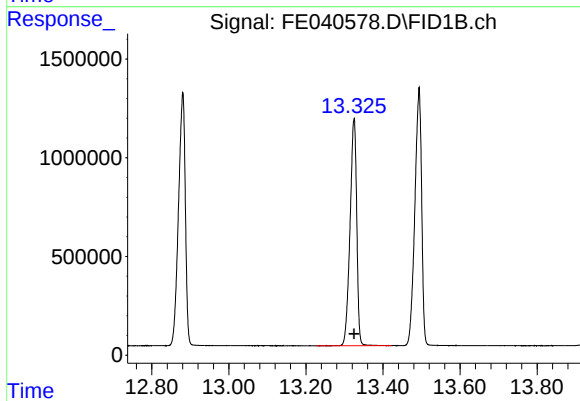
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: 0.000 min
Response: 15765349
Conc: 97.44 ug/ml



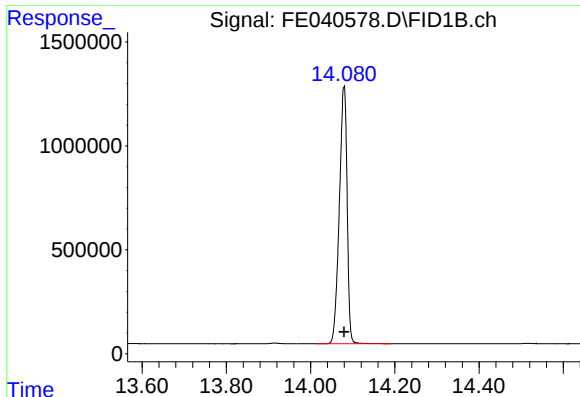
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: 0.000 min
Response: 15959907
Conc: 97.41 ug/ml



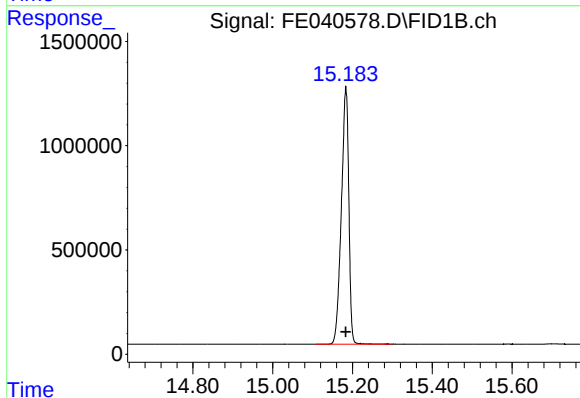
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: 0.000 min
Response: 13844045
Conc: 97.64 ug/ml



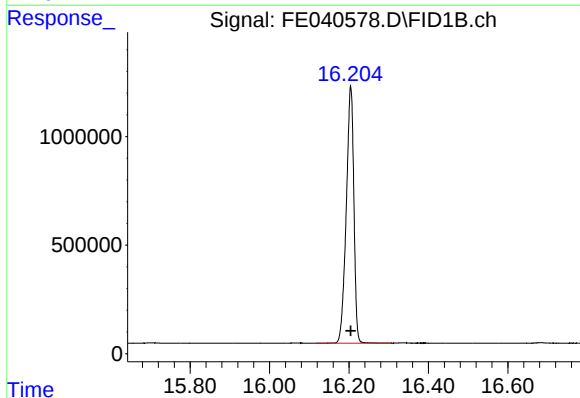
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.000 min
Response: 15899381
Conc: 97.20 ug/ml



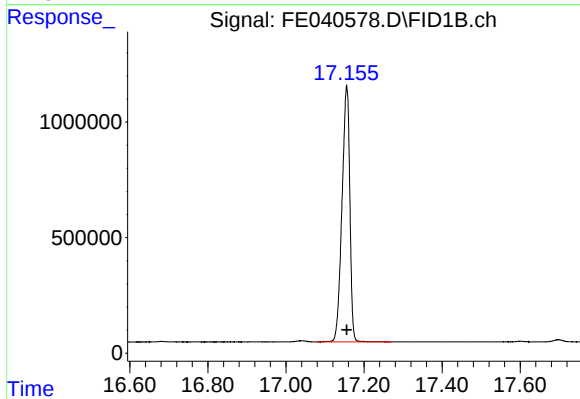
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: 0.000 min
Response: 15948375
Conc: 96.96 ug/ml



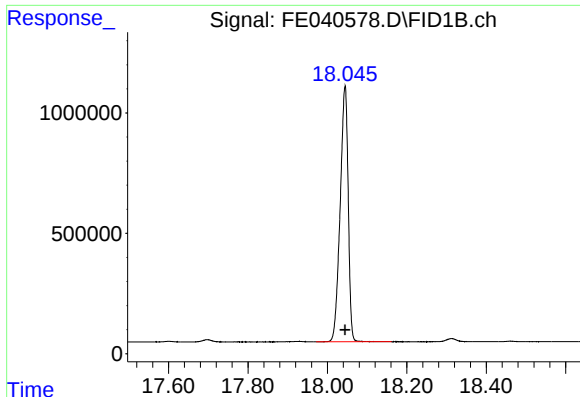
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: 0.000 min
Response: 15679782
Conc: 96.73 ug/ml



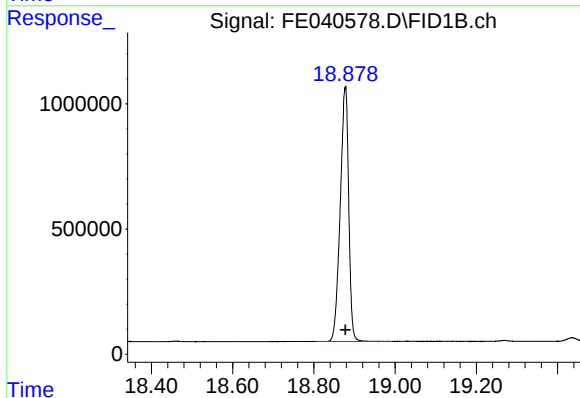
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: 0.000 min
Response: 15385271
Conc: 96.28 ug/ml



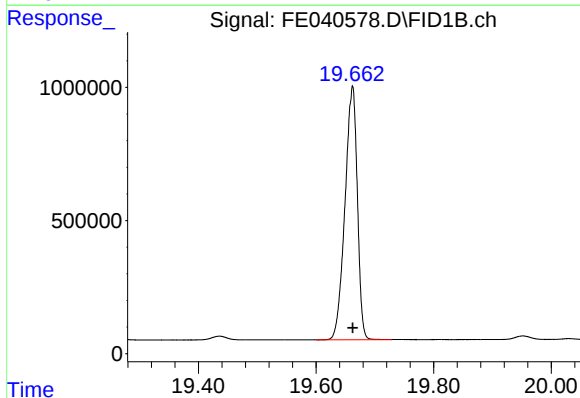
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: 0.000 min
Response: 14901690
Conc: 95.98 ug/ml



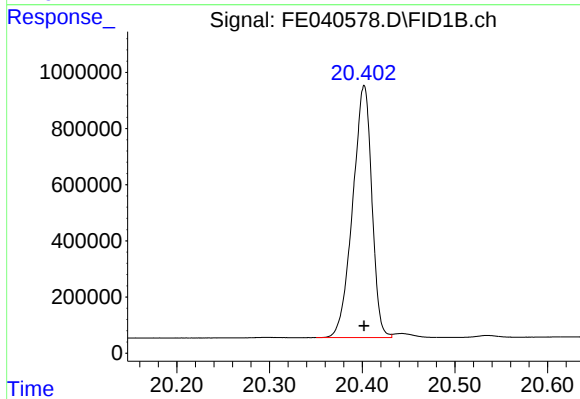
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: 0.000 min
Response: 14729474
Conc: 90.52 ug/ml



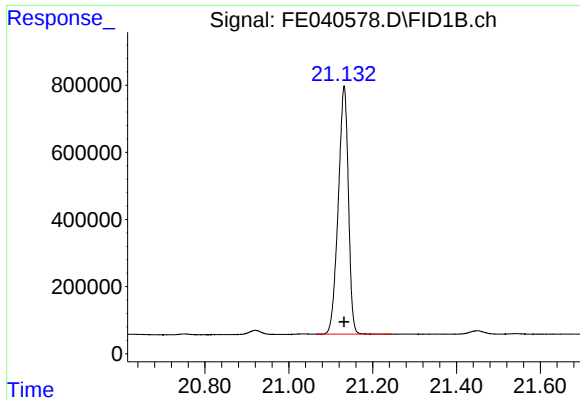
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: 0.000 min
Response: 13912259
Conc: 95.13 ug/ml



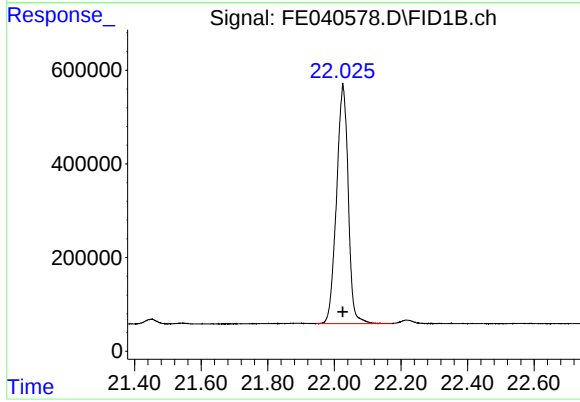
#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: 0.000 min
Response: 12865366
Conc: 93.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.000 min
Response: 12394342
Conc: 95.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.000 min
Response: 12430106
Conc: 90.63 ug/ml