

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071323AL\
 Data File : FE043183.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 16:57
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:58:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 02:57:54 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)	11.905	8599162	48.374 ug/ml
Spiked Amount 50.000		Recovery =	96.75%
12) S 1-chlorooctadecane (S...	13.342	6352639	48.423 ug/ml
Spiked Amount 50.000		Recovery =	96.85%
Target Compounds			
1) T n-Nonane (C9)	3.281	7431840	48.599 ug/ml
2) T n-Decane (C10)	4.534	7599907	48.472 ug/ml
3) T A~Naphthalene (C11.7)	6.243	8151764	48.651 ug/ml
4) T n-Dodecane (C12)	6.705	7678924	48.359 ug/ml
5) T A~2-methylnaphthalene...	7.342	7791847	48.686 ug/ml
6) T n-Tetradecane (C14)	8.534	7629812	48.306 ug/ml
7) T n-Hexadecane (C16)	10.143	7819541	48.325 ug/ml
8) T n-Octadecane (C18)	11.586	7829650	48.322 ug/ml
10) T n-Eicosane (C20)	12.895	7432465	48.280 ug/ml
11) T n-Heneicosane (C21)	13.508	7248430	48.345 ug/ml
13) T n-Docosane (C22)	14.094	7139769	48.158 ug/ml
14) T n-Tetracosane (C24)	15.197	6966706	47.811 ug/ml
15) T n-Hexacosane (C26)	16.218	6738656	47.704 ug/ml
16) T n-Octacosane (C28)	17.167	6535034	47.421 ug/ml
17) T n-Tricontane (C30)	18.055	6657743	47.388 ug/ml
18) T n-Dotriacontane (C32)	18.889	6594983	47.424 ug/ml
19) T n-Tetratriacontane (C34)	19.671	6540173	47.893 ug/ml
20) T n-Hexatriacontane (C36)	20.412	7050433	49.323 ug/ml
21) T n-Octatriacontane (C38)	21.150	6705183	48.336 ug/ml
22) T n-Tetracontane (C40)	22.066	6979264	48.381 ug/ml

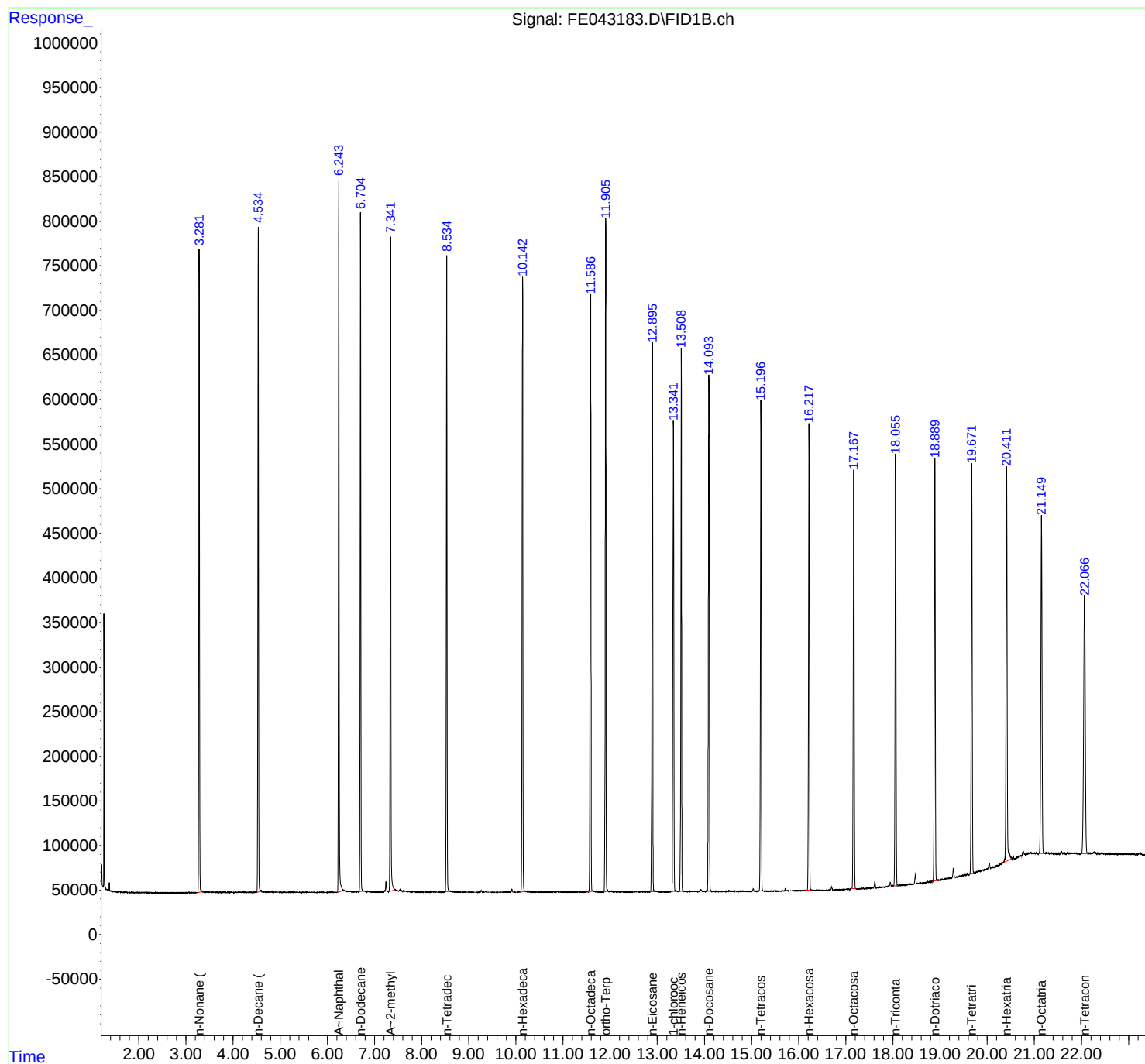
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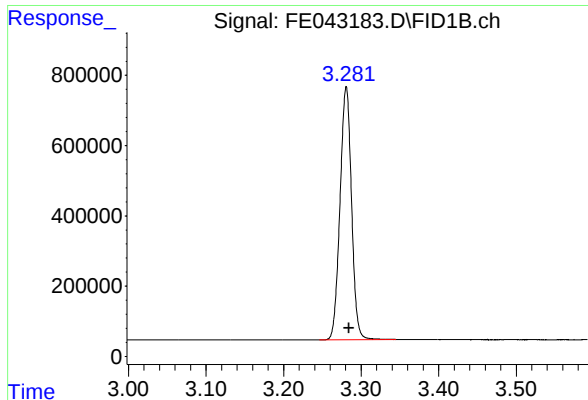
(m)=manual int.

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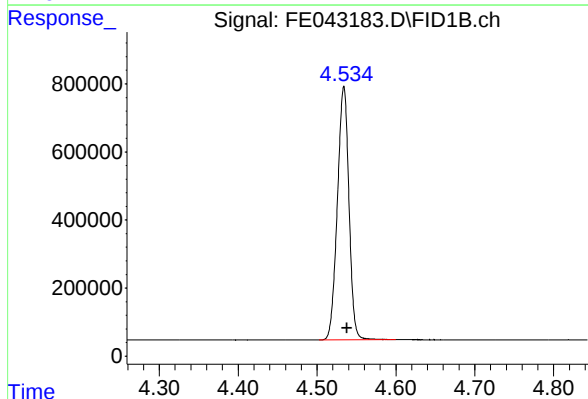
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Signal Info : 20M x 0.18mm x 0.18um





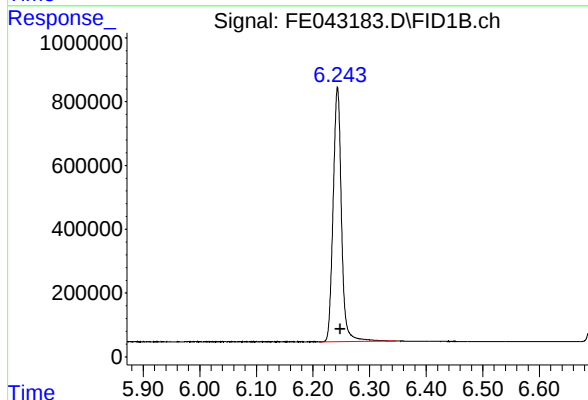
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.003 min
Response: 7431840
Conc: 48.60 ug/ml



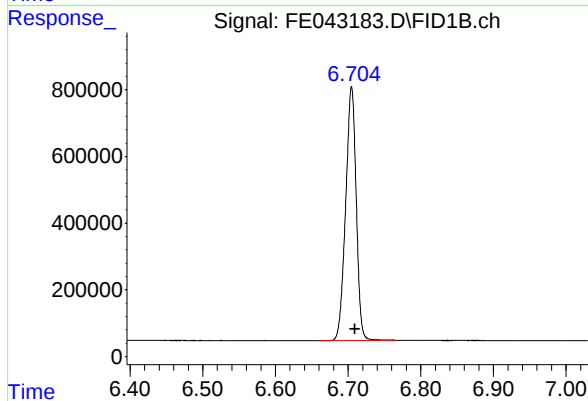
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 7599907
Conc: 48.47 ug/ml



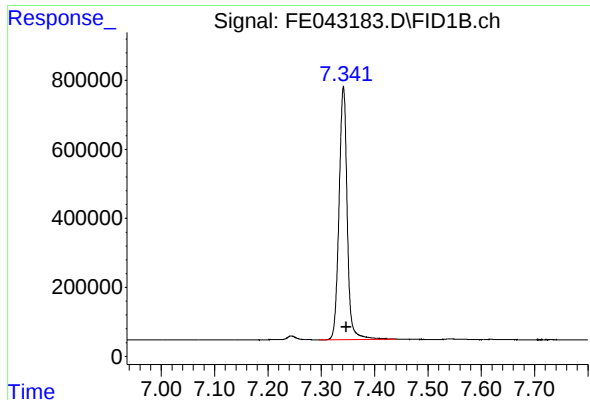
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 8151764
Conc: 48.65 ug/ml



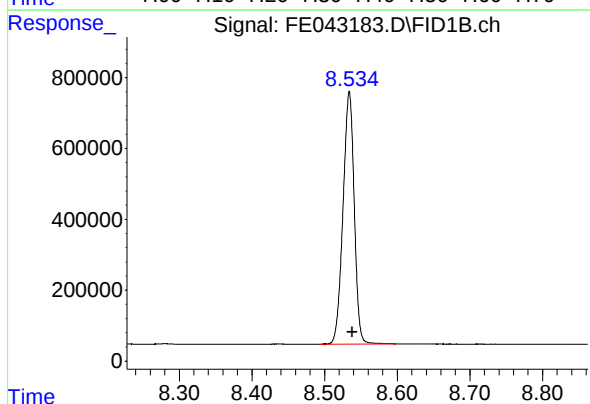
#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 7678924
Conc: 48.36 ug/ml



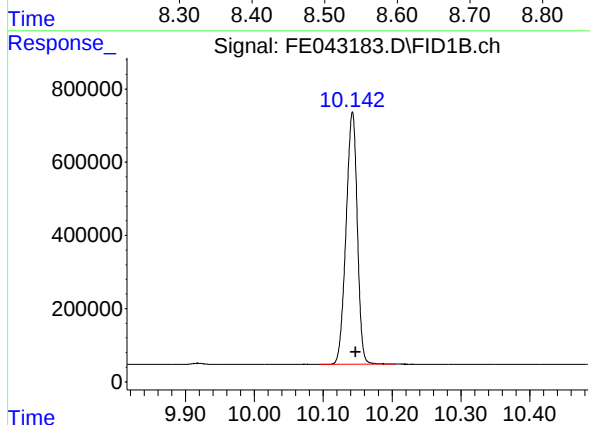
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.342 min
Delta R.T.: -0.005 min
Response: 7791847
Conc: 48.69 ug/ml



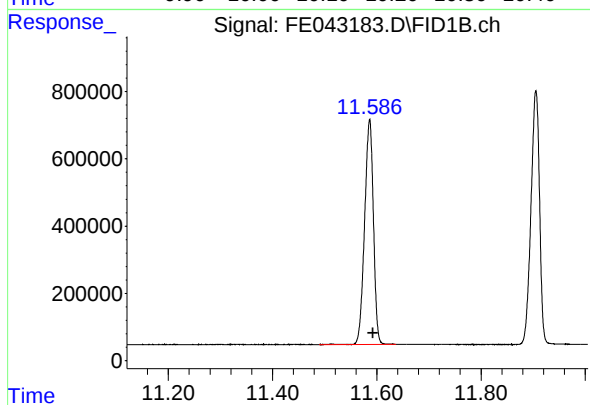
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 7629812
Conc: 48.31 ug/ml



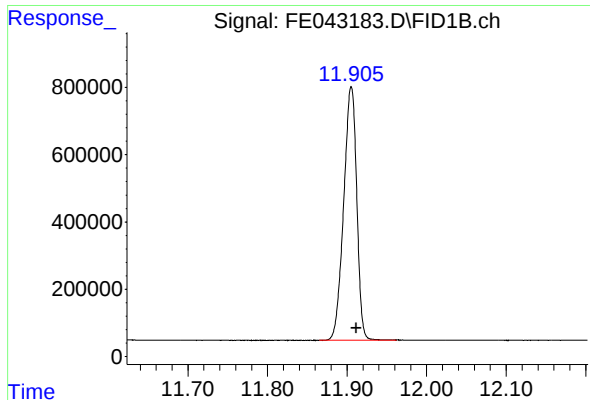
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.004 min
Response: 7819541
Conc: 48.33 ug/ml



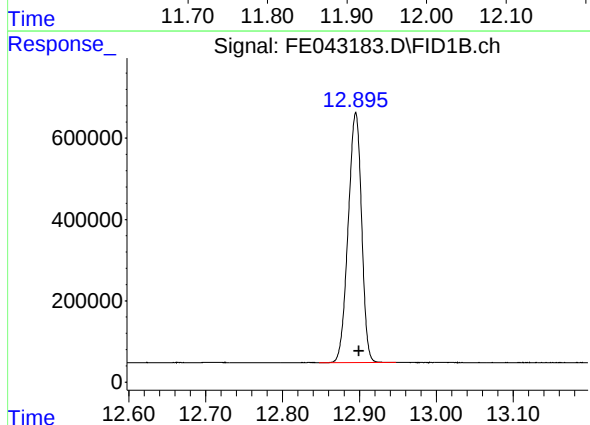
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.006 min
Response: 7829650
Conc: 48.32 ug/ml



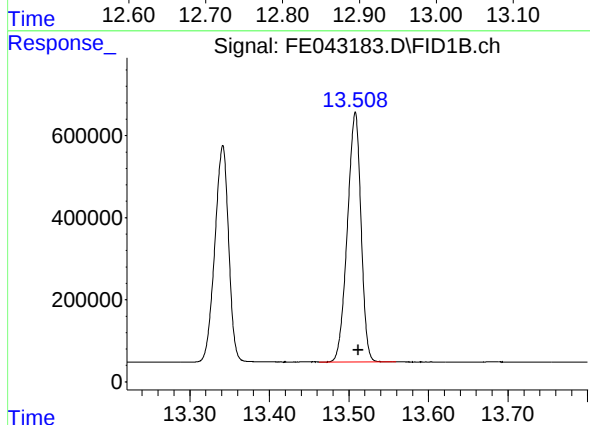
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.006 min
Response: 8599162
Conc: 48.37 ug/ml



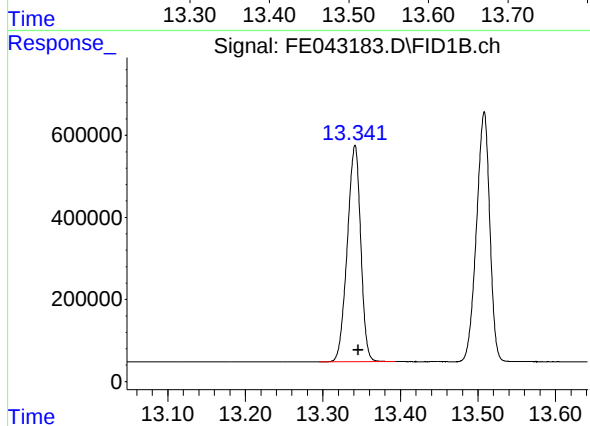
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.004 min
Response: 7432465
Conc: 48.28 ug/ml



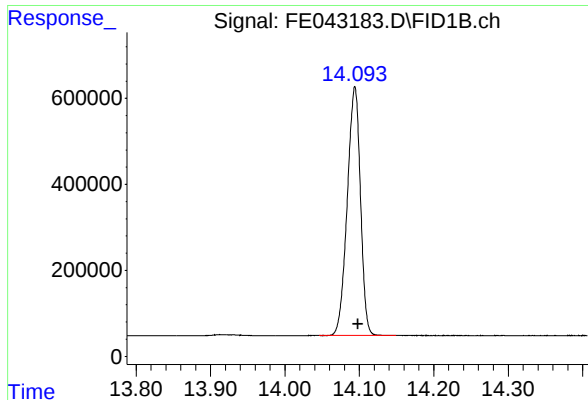
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.004 min
Response: 7248430
Conc: 48.35 ug/ml



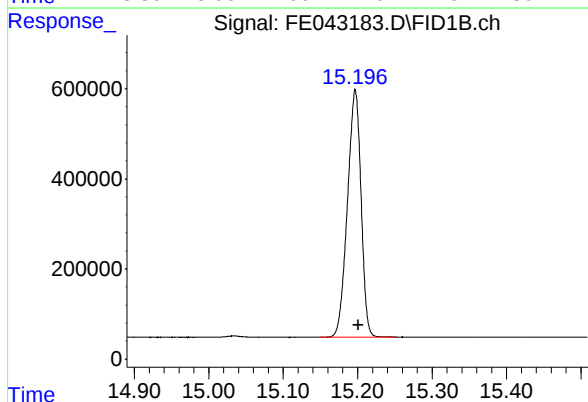
#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 6352639
Conc: 48.42 ug/ml



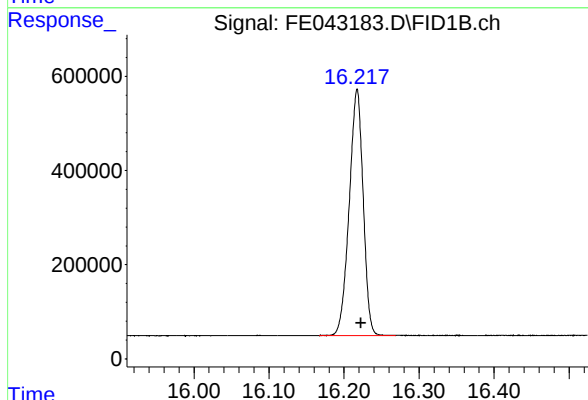
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.004 min
Response: 7139769
Conc: 48.16 ug/ml



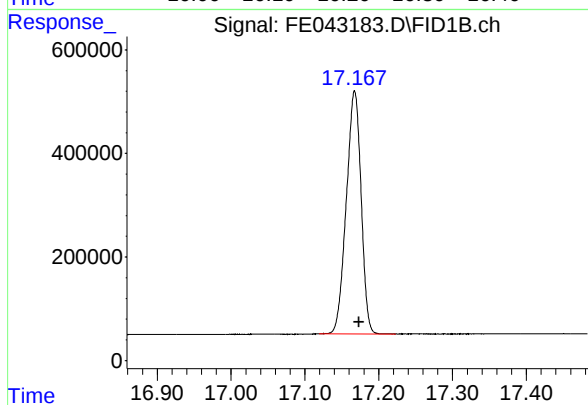
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 6966706
Conc: 47.81 ug/ml



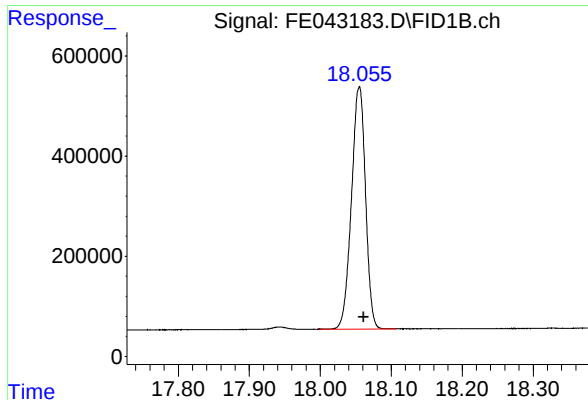
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.005 min
Response: 6738656
Conc: 47.70 ug/ml



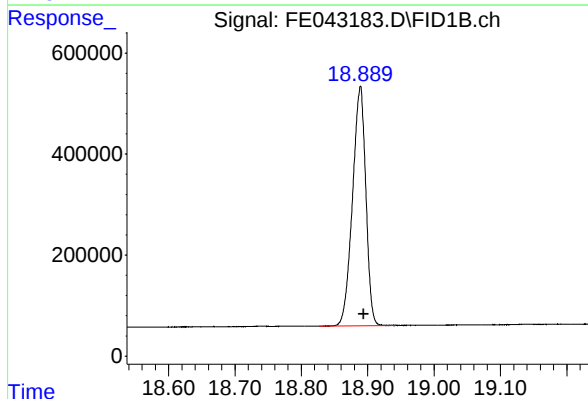
#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.006 min
Response: 6535034
Conc: 47.42 ug/ml



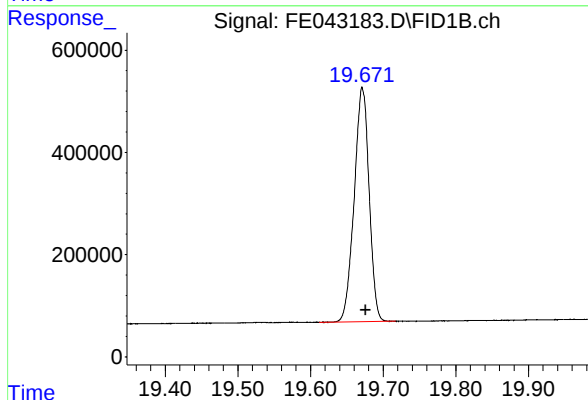
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.006 min
Response: 6657743
Conc: 47.39 ug/ml



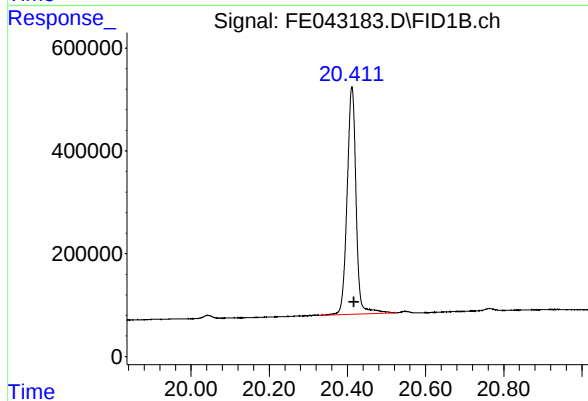
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.005 min
Response: 6594983
Conc: 47.42 ug/ml



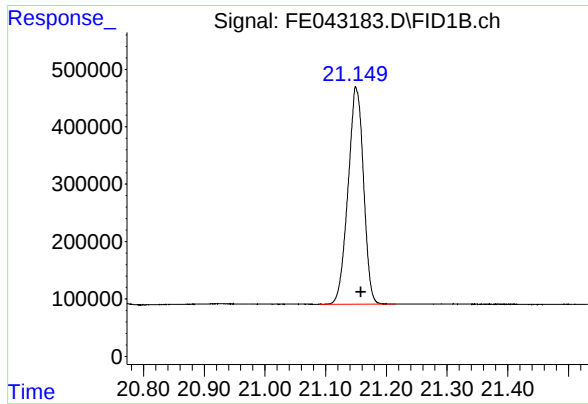
#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.004 min
Response: 6540173
Conc: 47.89 ug/ml



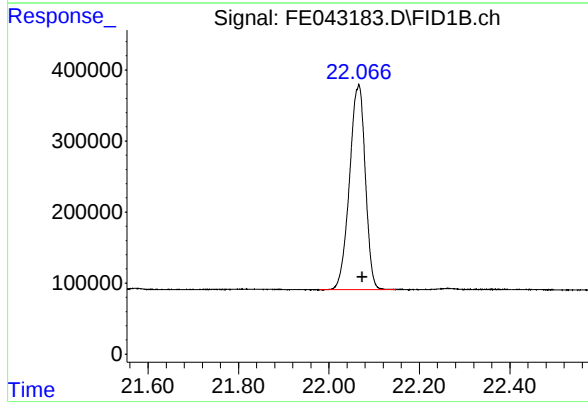
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: -0.005 min
Response: 7050433
Conc: 49.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.008 min
Response: 6705183
Conc: 48.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.008 min
Response: 6979264
Conc: 48.38 ug/ml