

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030223AL\
 Data File : FE040615.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2023 09:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 00:22:20 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)	11.884	3602076	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.323	2783601	18.808 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.280	3140525	20.410 ug/ml
2) T n-Decane (C10)	4.527	3100779	20.610 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3461348	20.868 ug/ml
4) T n-Dodecane (C12)	6.691	3161514	20.652 ug/ml
5) T A~2-methylnaphthalene...	7.325	3208602	21.201 ug/ml
6) T n-Tetradecane (C14)	8.518	3185988	20.614 ug/ml
7) T n-Hexadecane (C16)	10.125	3291532	20.378 ug/ml
8) T n-Octadecane (C18)	11.568	3339721	19.669 ug/ml
10) T n-Eicosane (C20)	12.878	3246011	19.188 ug/ml
11) T n-Heneicosane (C21)	13.491	3242861	18.924 ug/ml
13) T n-Docosane (C22)	14.077	3190029	18.621 ug/ml
14) T n-Tetracosane (C24)	15.180	3120966	18.104 ug/ml
15) T n-Hexacosane (C26)	16.203	2993056	17.610 ug/ml
16) T n-Octacosane (C28)	17.154	2919184	17.407 ug/ml
17) T n-Tricontane (C30)	18.042	2829396	17.328 ug/ml
18) T n-Dotriacontane (C32)	18.876	2974421	17.379 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2776527	17.958 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2691343	18.525 ug/ml
21) T n-Octatriacontane (C38)	21.133	2791962	20.311 ug/ml
22) T n-Tetracontane (C40)	22.029	2999896	19.414 ug/ml

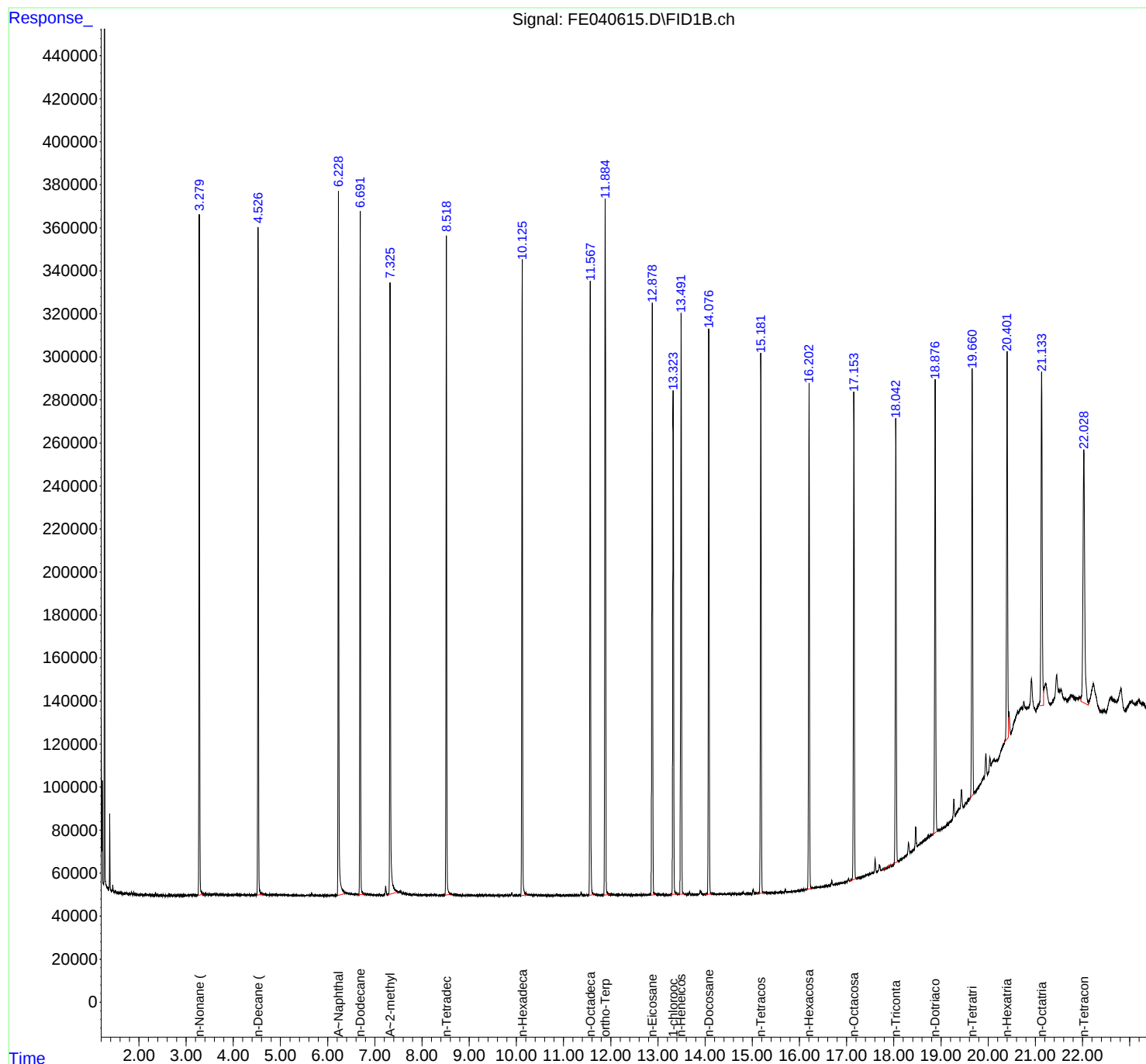
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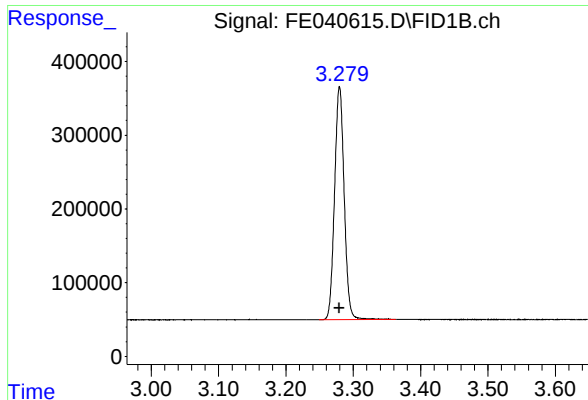
(m)=manual int.

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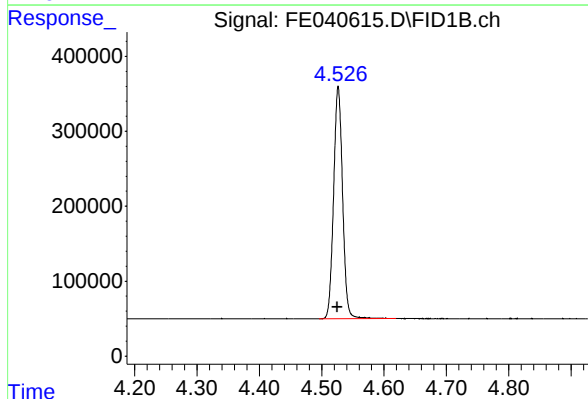
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





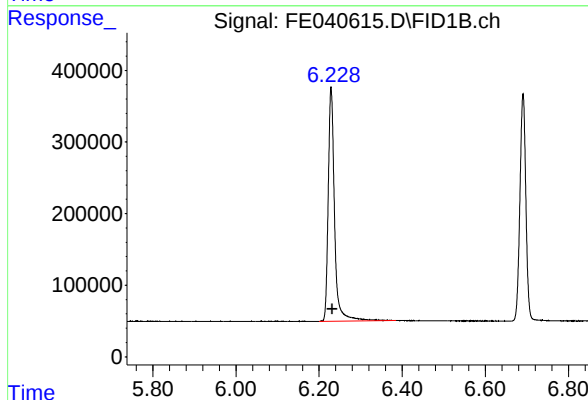
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 3140525
Conc: 20.41 ug/ml



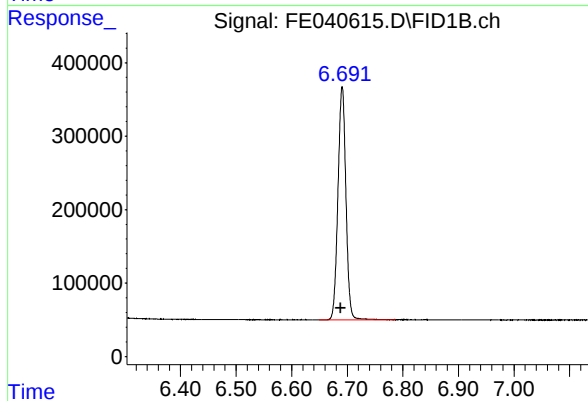
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 3100779
Conc: 20.61 ug/ml



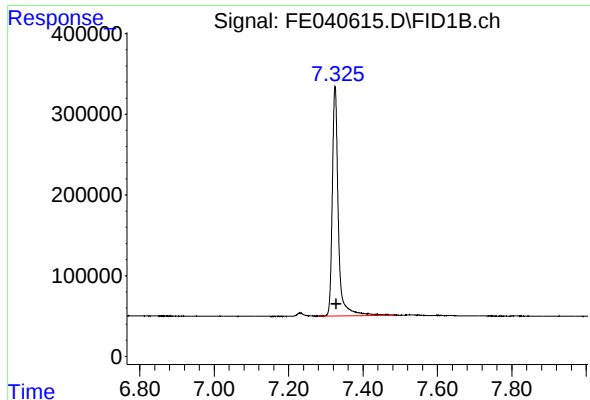
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 3461348
Conc: 20.87 ug/ml



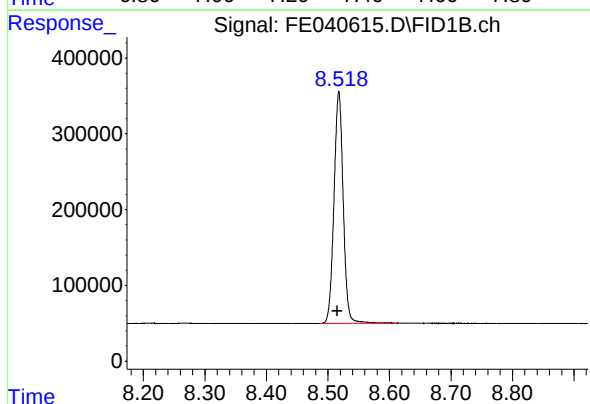
#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: 0.003 min
Response: 3161514
Conc: 20.65 ug/ml



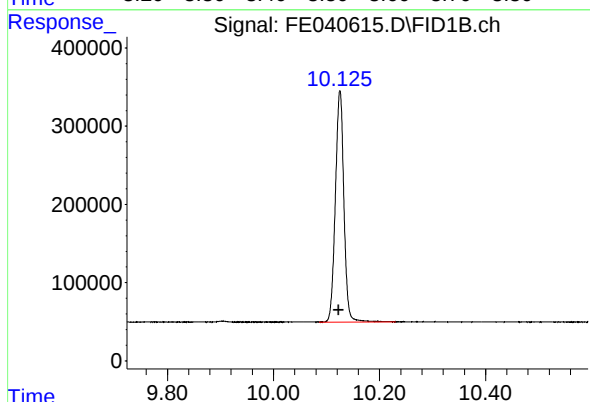
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 3208602
Conc: 21.20 ug/ml



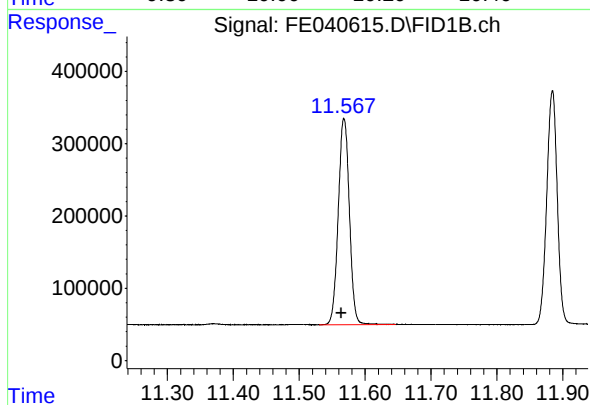
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.003 min
Response: 3185988
Conc: 20.61 ug/ml



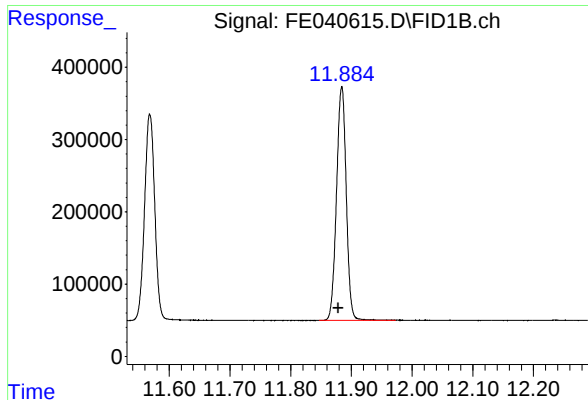
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.003 min
Response: 3291532
Conc: 20.38 ug/ml



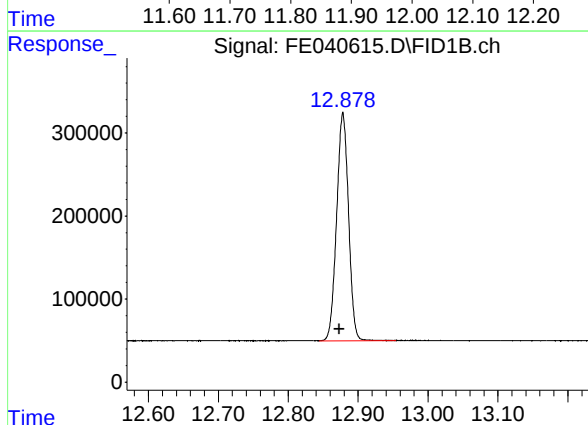
#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: 0.005 min
Response: 3339721
Conc: 19.67 ug/ml



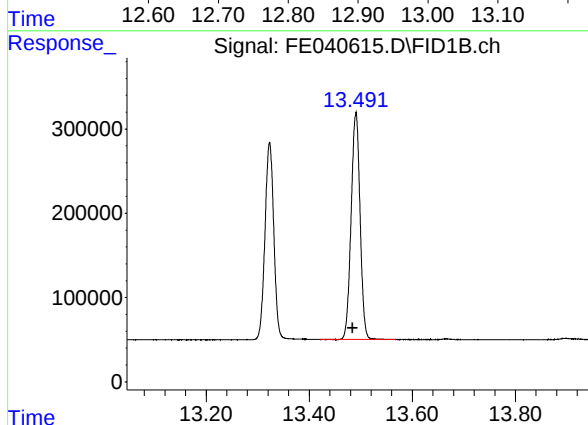
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: 0.006 min
Response: 3602076
Conc: 19.28 ug/ml



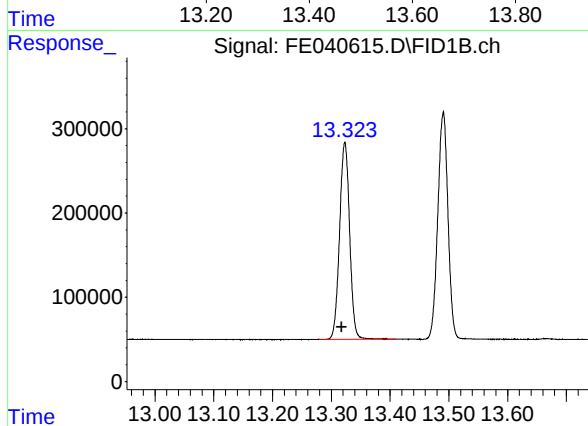
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.005 min
Response: 3246011
Conc: 19.19 ug/ml



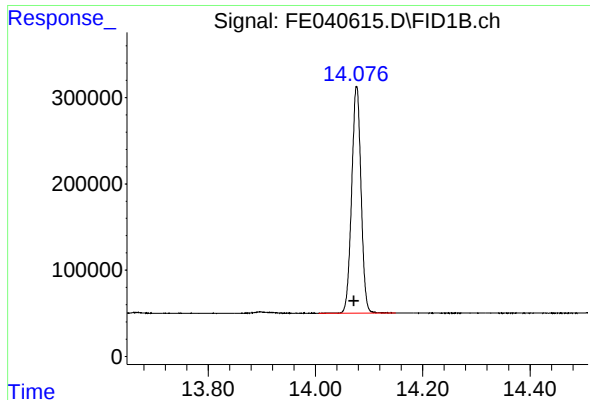
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.007 min
Response: 3242861
Conc: 18.92 ug/ml



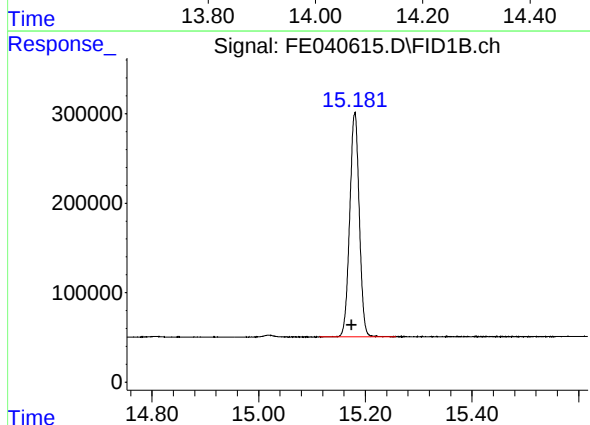
#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.005 min
Response: 2783601
Conc: 18.81 ug/ml



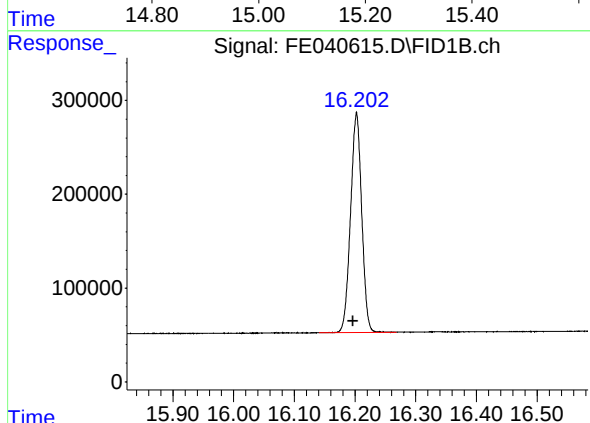
#13 n-Docosane (C22)

R.T.: 14.077 min
Delta R.T.: 0.005 min
Response: 3190029
Conc: 18.62 ug/ml



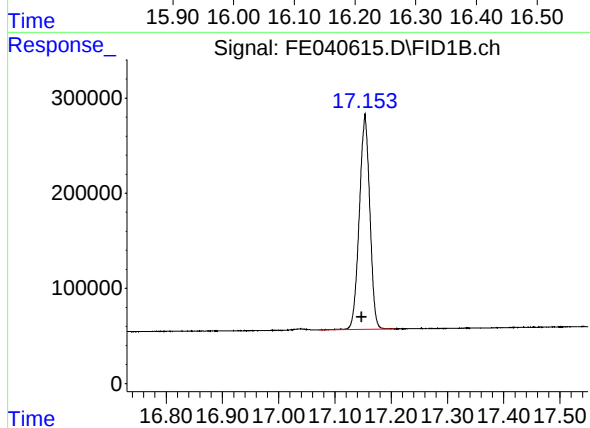
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: 0.006 min
Response: 3120966
Conc: 18.10 ug/ml



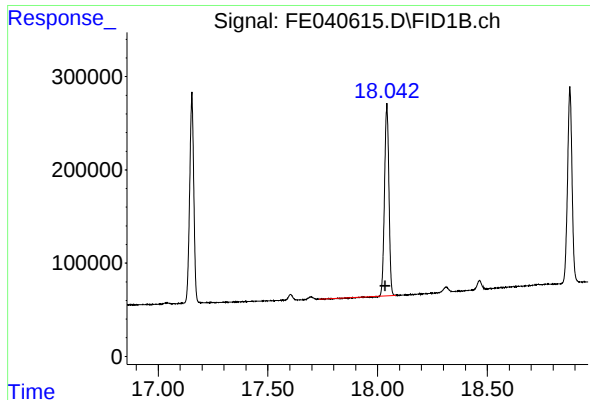
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 2993056
Conc: 17.61 ug/ml



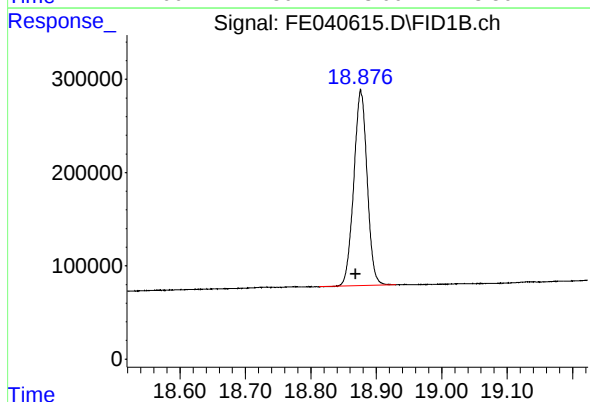
#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: 0.006 min
Response: 2919184
Conc: 17.41 ug/ml



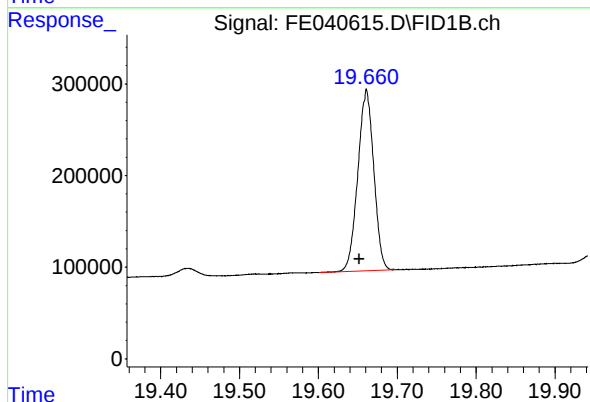
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: 0.006 min
Response: 2829396
Conc: 17.33 ug/ml



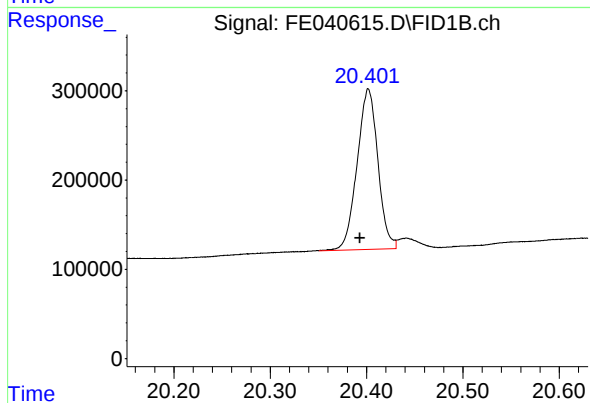
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: 0.008 min
Response: 2974421
Conc: 17.38 ug/ml



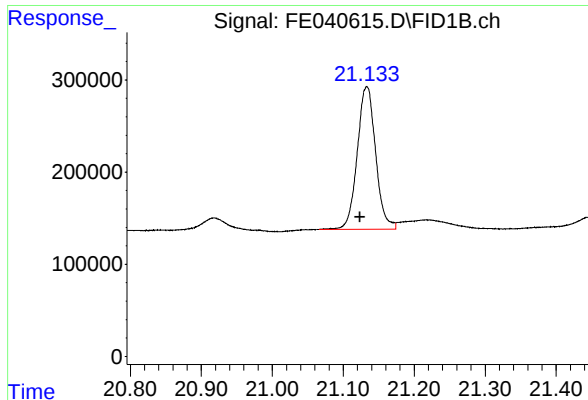
#19 n-Tetatriacontane (C34)

R.T.: 19.661 min
Delta R.T.: 0.009 min
Response: 2776527
Conc: 17.96 ug/ml



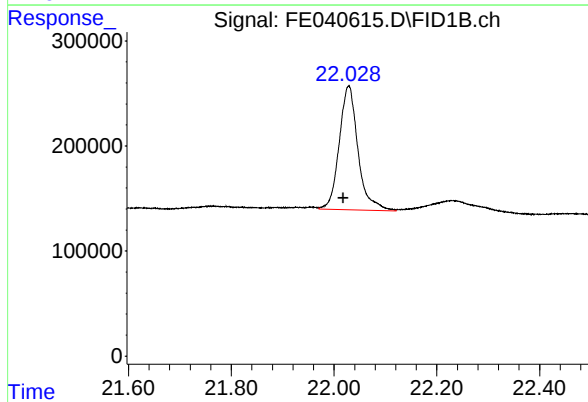
#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: 0.009 min
Response: 2691343
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: 0.010 min
Response: 2791962
Conc: 20.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: 0.010 min
Response: 2999896
Conc: 19.41 ug/ml