

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040524AL\
 Data File : FE047504.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2024 22:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 23:12:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.977	3039997	17.527 ug/ml
Spiked Amount 50.000		Recovery =	35.05%
12) S 1-chlorooctadecane (S...	13.410	2372492	17.640 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.360	2782752	17.787 ug/ml
2) T n-Decane (C10)	4.612	2853882	17.757 ug/ml
3) T A~Naphthalene (C11.7)	6.317	2969734	17.515 ug/ml
4) T n-Dodecane (C12)	6.777	2857674	17.606 ug/ml
5) T A~2-methylnaphthalene...	7.413	2868717	17.468 ug/ml
6) T n-Tetradecane (C14)	8.605	2832030	17.604 ug/ml
7) T n-Hexadecane (C16)	10.212	2930781	17.647 ug/ml
8) T n-Octadecane (C18)	11.656	2964046	17.675 ug/ml
10) T n-Eicosane (C20)	12.965	2867161	17.698 ug/ml
11) T n-Heneicosane (C21)	13.577	2800816	17.651 ug/ml
13) T n-Docosane (C22)	14.163	2849084	17.753 ug/ml
14) T n-Tetracosane (C24)	15.265	2956505	17.911 ug/ml
15) T n-Hexacosane (C26)	16.284	3010003	18.210 ug/ml
16) T n-Octacosane (C28)	17.233	3118982	18.821 ug/ml
17) T n-Tricontane (C30)	18.121	3339615	19.671 ug/mlm
18) T n-Dotriacontane (C32)	18.951	3334978	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.735	3067192	19.124 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2893344	18.140 ug/mlm
21) T n-Octatriacontane (C38)	21.216	2863315	17.618 ug/ml
22) T n-Tetracontane (C40)	22.141	2804190	17.127 ug/ml

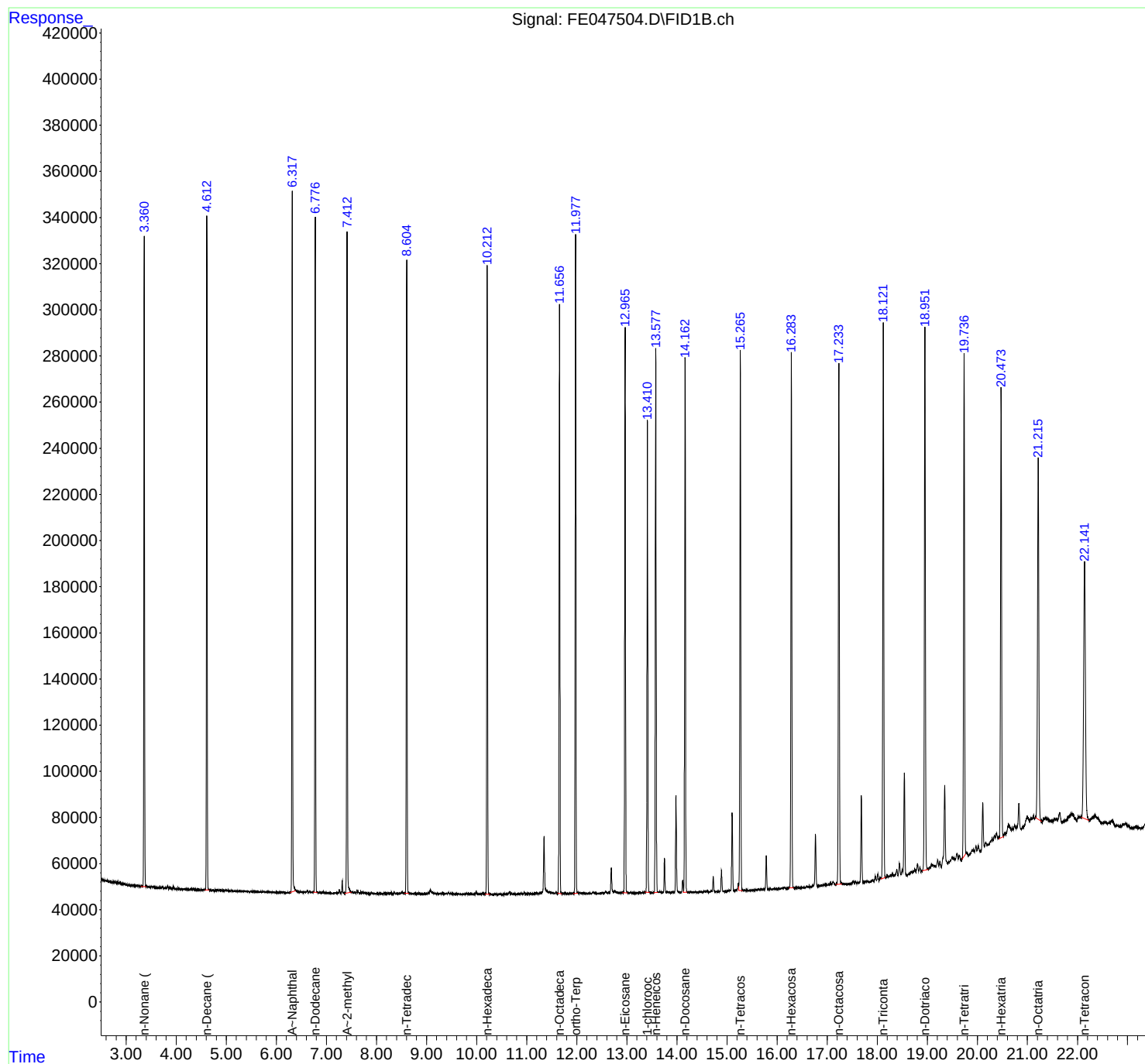
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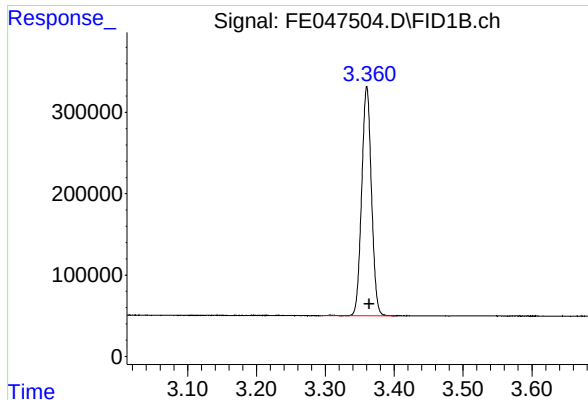
(m)=manual int.

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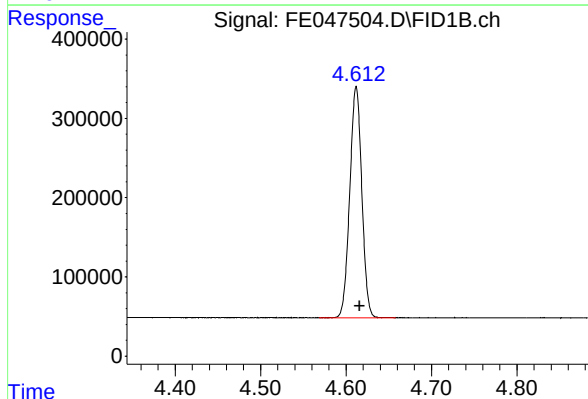
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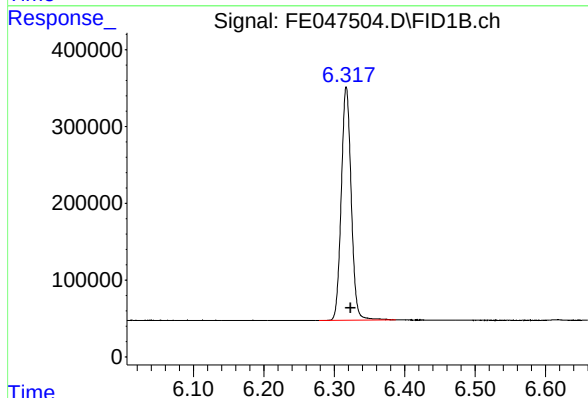
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 2782752
Conc: 17.79 ug/ml



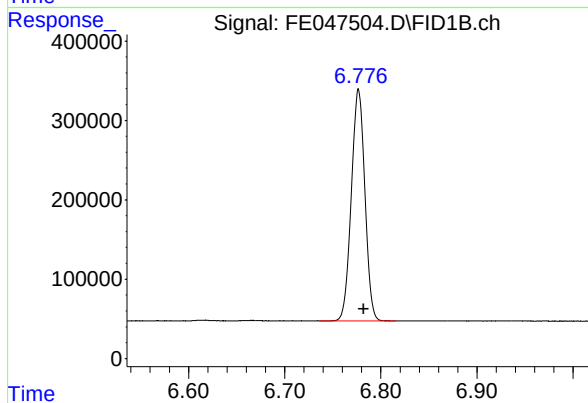
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 2853882
Conc: 17.76 ug/ml



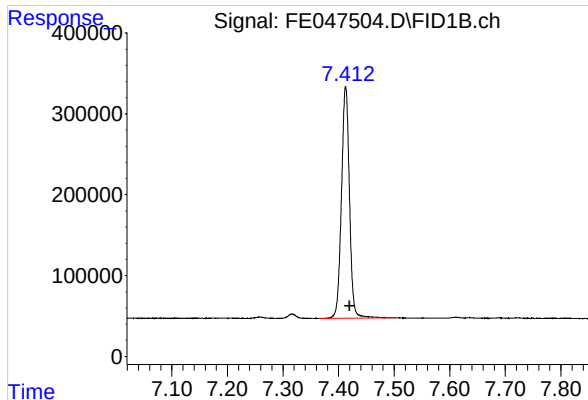
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 2969734
Conc: 17.51 ug/ml



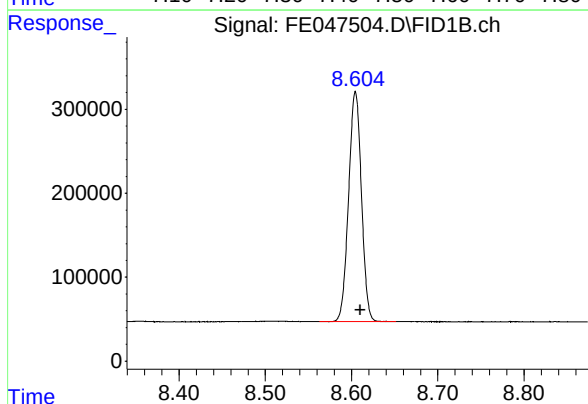
#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 2857674
Conc: 17.61 ug/ml



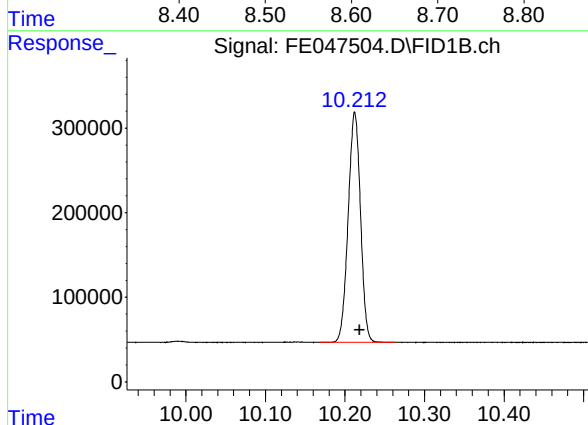
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 2868717
Conc: 17.47 ug/ml



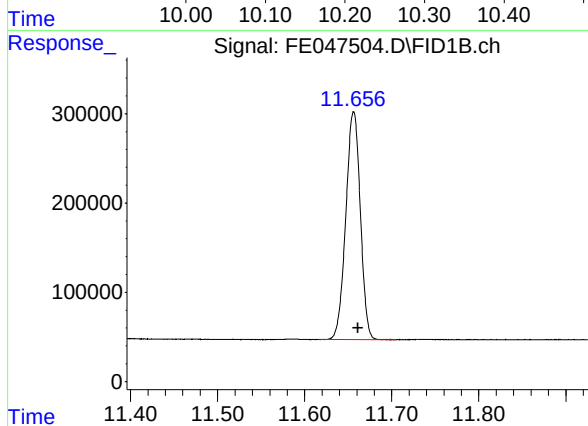
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 2832030
Conc: 17.60 ug/ml



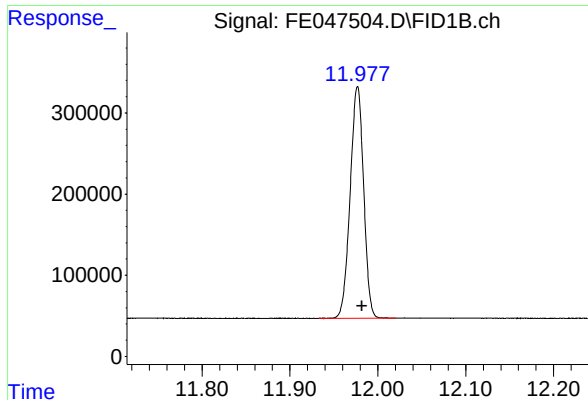
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.006 min
Response: 2930781
Conc: 17.65 ug/ml



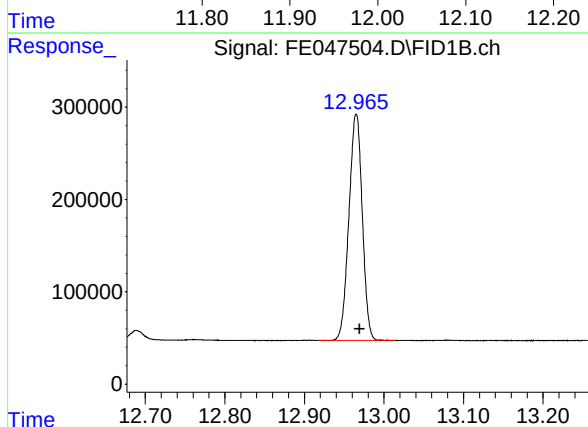
#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.005 min
Response: 2964046
Conc: 17.67 ug/ml



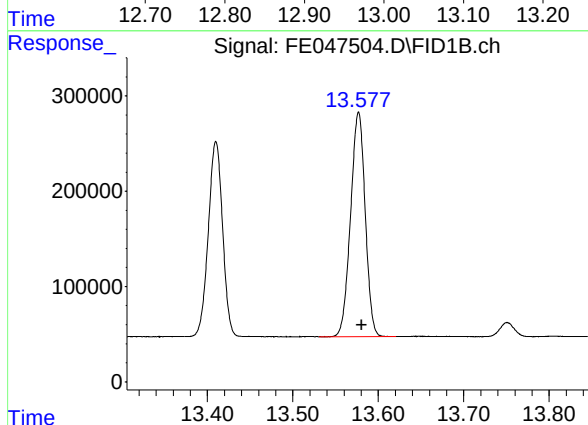
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.005 min
Response: 3039997
Conc: 17.53 ug/ml



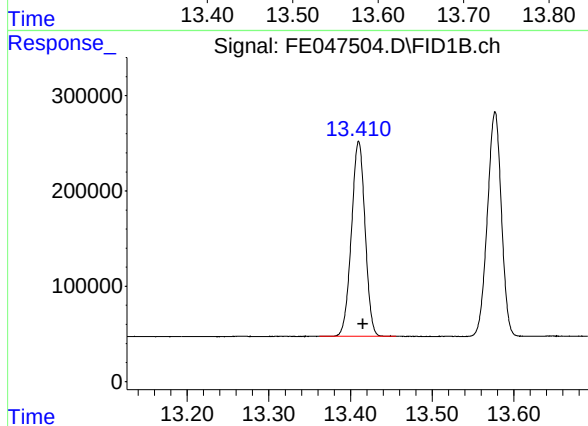
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 2867161
Conc: 17.70 ug/ml



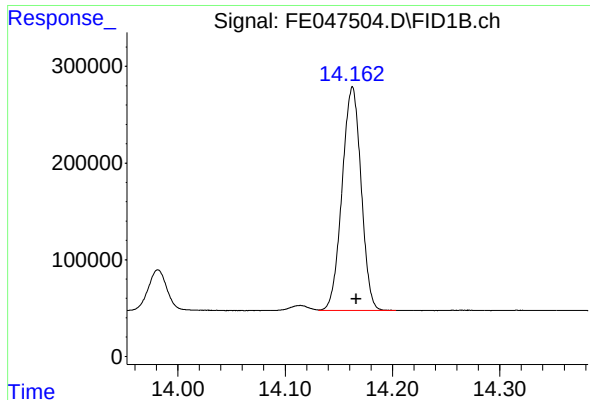
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.003 min
Response: 2800816
Conc: 17.65 ug/ml



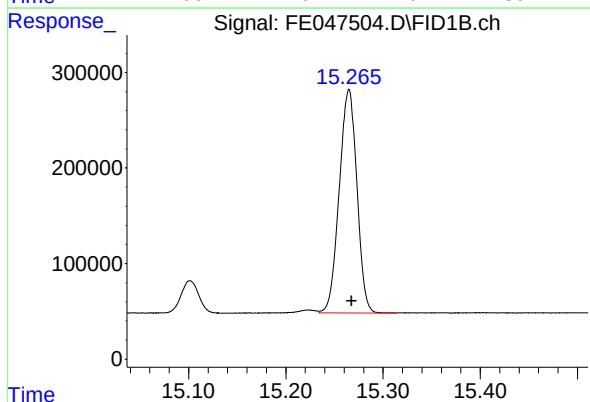
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 2372492
Conc: 17.64 ug/ml



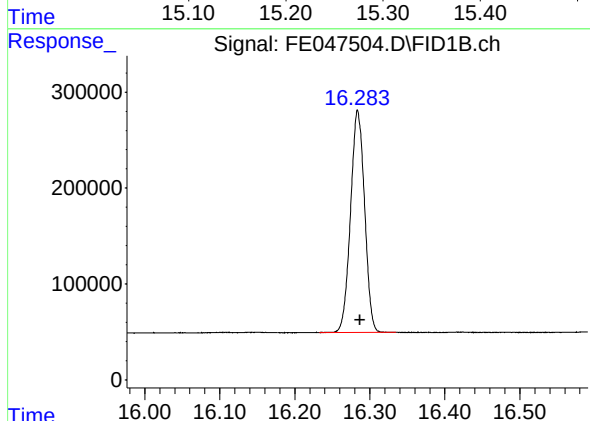
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 2849084
Conc: 17.75 ug/ml



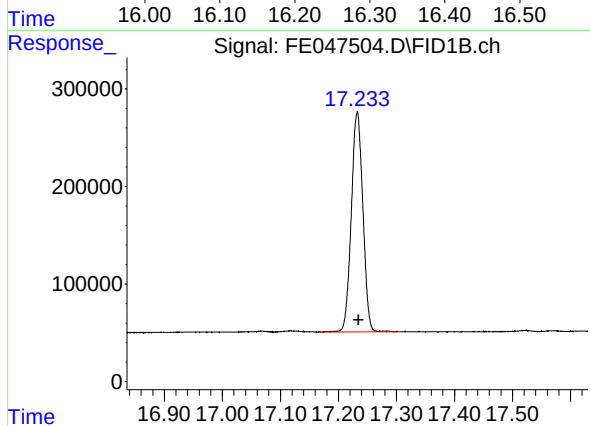
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.003 min
Response: 2956505
Conc: 17.91 ug/ml



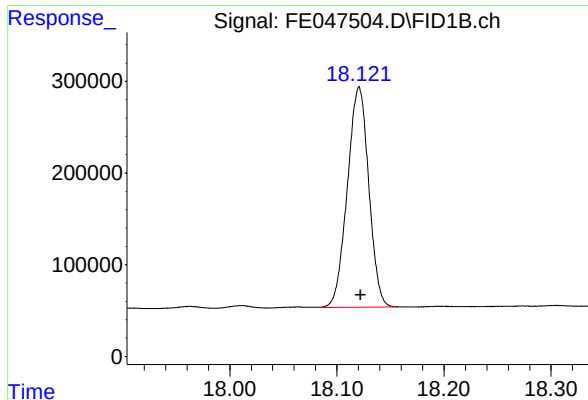
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.003 min
Response: 3010003
Conc: 18.21 ug/ml



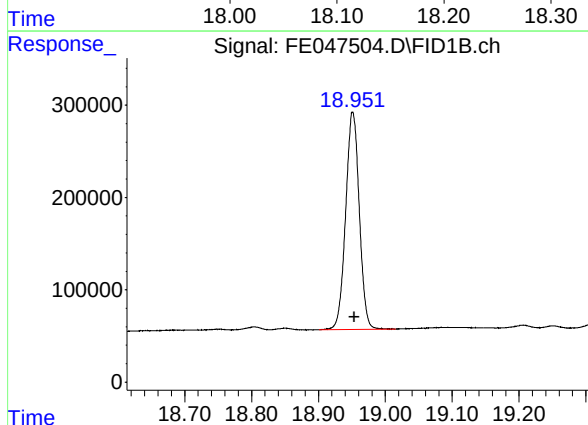
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: -0.003 min
Response: 3118982
Conc: 18.82 ug/ml



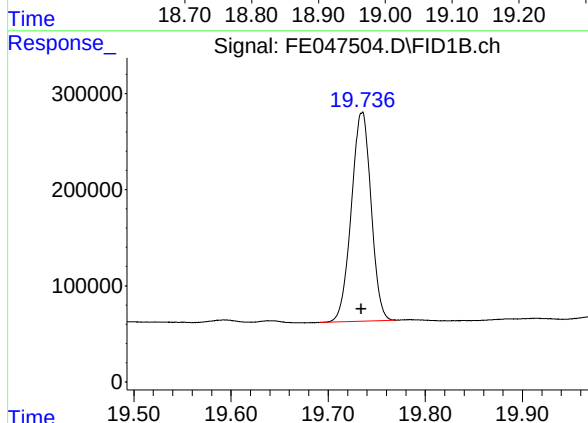
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: -0.002 min
Response: 3339615
Conc: 19.67 ug/ml m



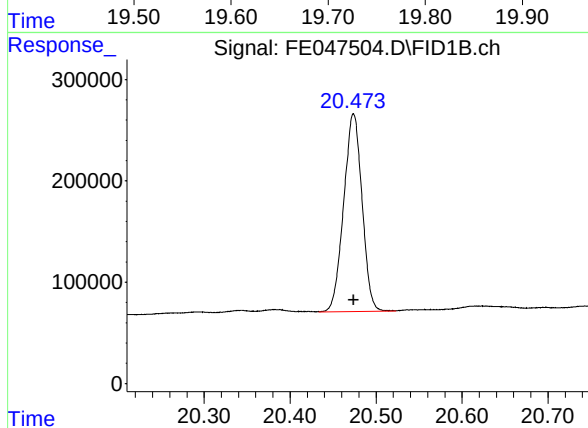
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.002 min
Response: 3334978
Conc: 20.00 ug/ml



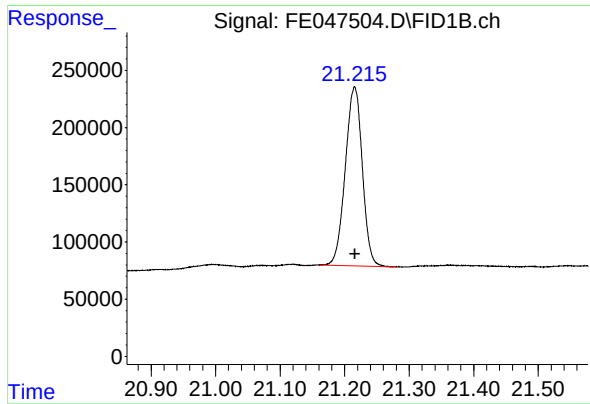
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.000 min
Response: 3067192
Conc: 19.12 ug/ml



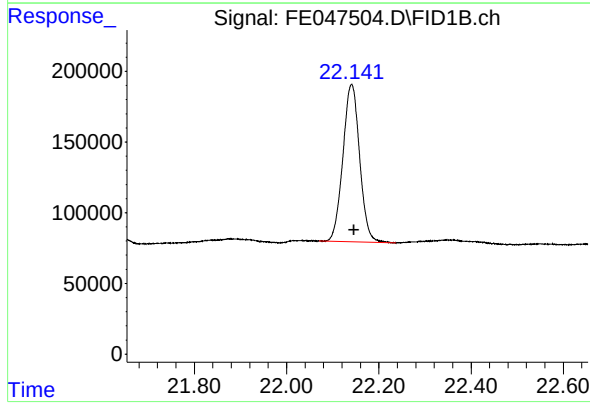
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 2893344
Conc: 18.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.000 min
Response: 2863315
Conc: 17.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.005 min
Response: 2804190
Conc: 17.13 ug/ml