

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010324AL\
 Data File : FE046059.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jan 2024 10:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 04 00:50:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.833	3455696	19.016 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.276	2537978	18.995 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T n-Nonane (C9)	3.217	2835319	18.526 ug/ml
2) T n-Decane (C10)	4.468	2896445	18.663 ug/ml
3) T A~Naphthalene (C11.7)	6.171	3092385	18.595 ug/ml
4) T n-Dodecane (C12)	6.636	2928879	18.758 ug/ml
5) T A~2-methylnaphthalene...	7.267	2978327	18.707 ug/ml
6) T n-Tetradecane (C14)	8.463	2907727	18.666 ug/ml
7) T n-Hexadecane (C16)	10.075	2961598	18.702 ug/ml
8) T n-Octadecane (C18)	11.520	2973719	18.894 ug/ml
10) T n-Eicosane (C20)	12.831	2889804	19.103 ug/ml
11) T n-Heneicosane (C21)	13.444	2810006	19.109 ug/ml
13) T n-Docosane (C22)	14.032	2849016	19.491 ug/ml
14) T n-Tetracosane (C24)	15.137	2923054	20.154 ug/ml
15) T n-Hexacosane (C26)	16.161	2959838	20.645 ug/ml
16) T n-Octacosane (C28)	17.113	3009824	20.986 ug/ml
17) T n-Tricontane (C30)	18.004	3080433	20.725 ug/ml
18) T n-Dotriacontane (C32)	18.840	3002879	20.078 ug/ml
19) T n-Tetratriacontane (C34)	19.626	2825395	19.723 ug/ml
20) T n-Hexatriacontane (C36)	20.369	2736941	18.772 ug/ml
21) T n-Octatriacontane (C38)	21.100	2712270	18.393 ug/ml
22) T n-Tetracontane (C40)	22.000	2789642	17.822 ug/ml

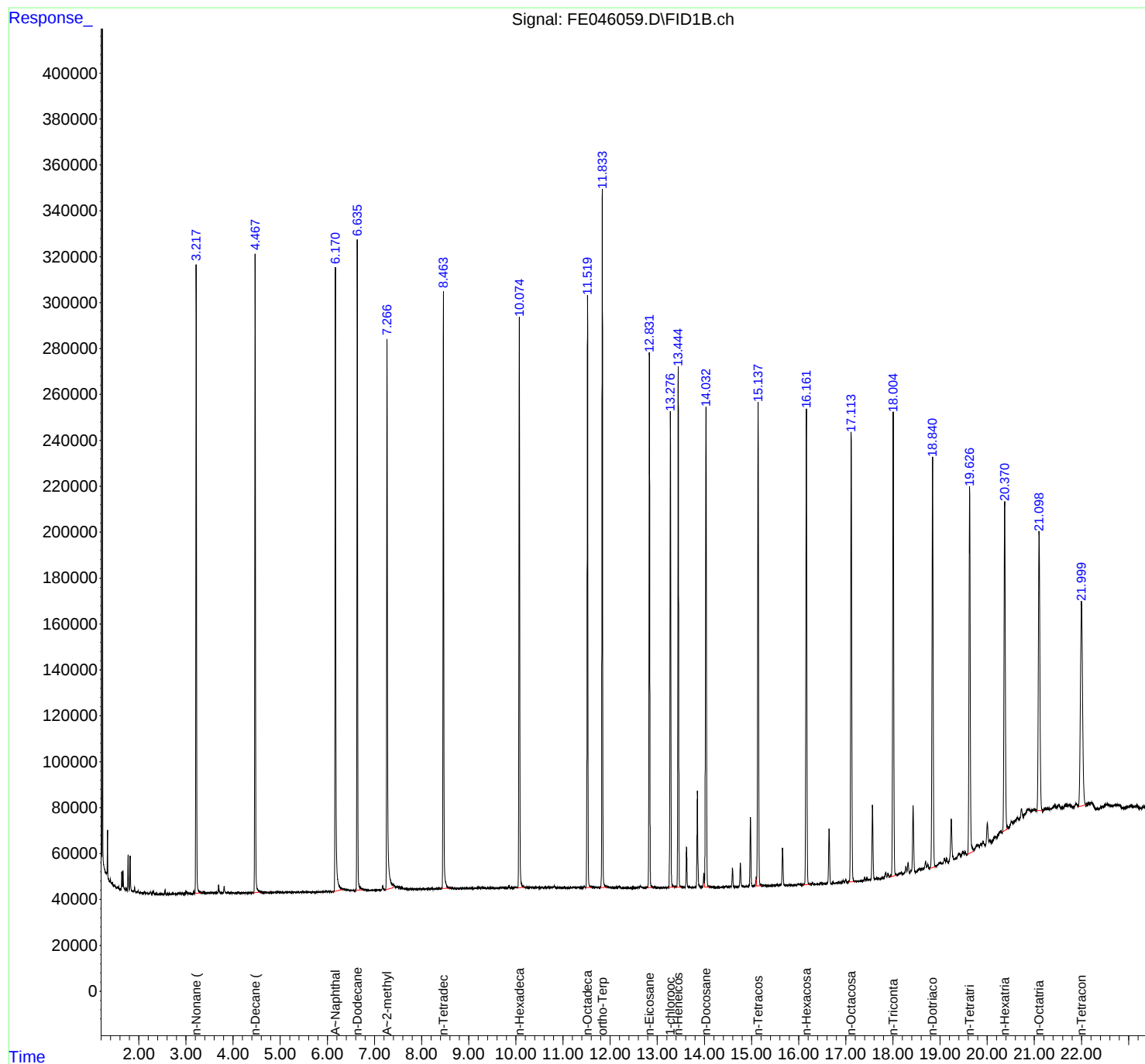
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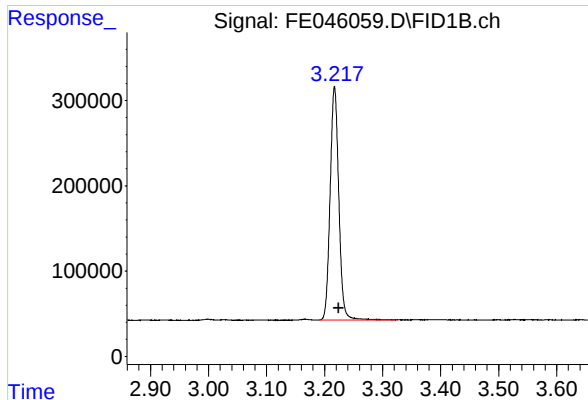
(m)=manual int.

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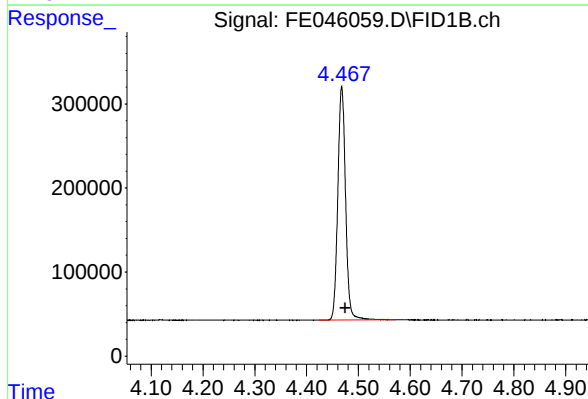
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





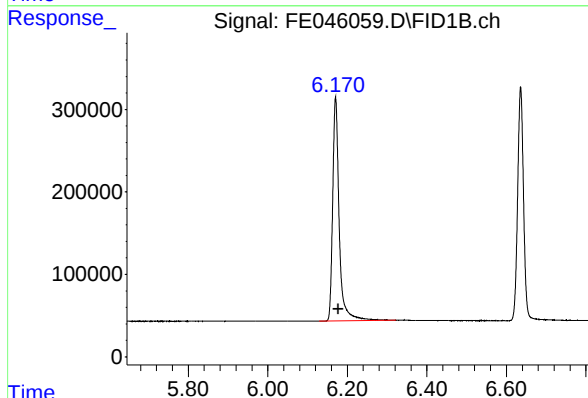
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.007 min
Response: 2835319
Conc: 18.53 ug/ml



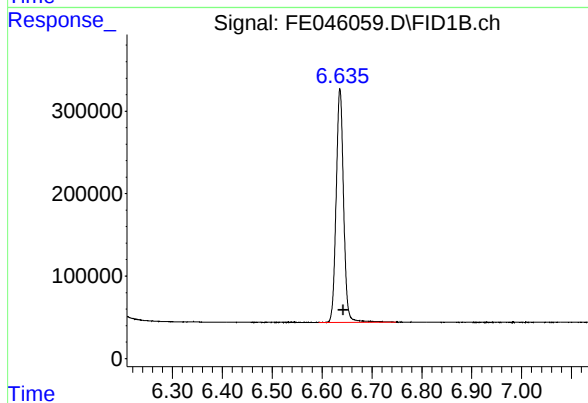
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.007 min
Response: 2896445
Conc: 18.66 ug/ml



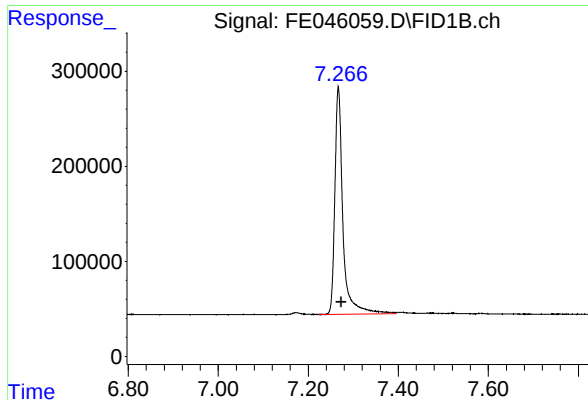
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 3092385
Conc: 18.59 ug/ml



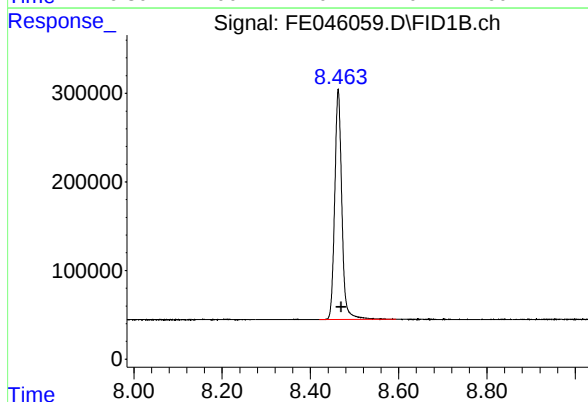
#4 n-Dodecane (C12)

R.T.: 6.636 min
Delta R.T.: -0.007 min
Response: 2928879
Conc: 18.76 ug/ml



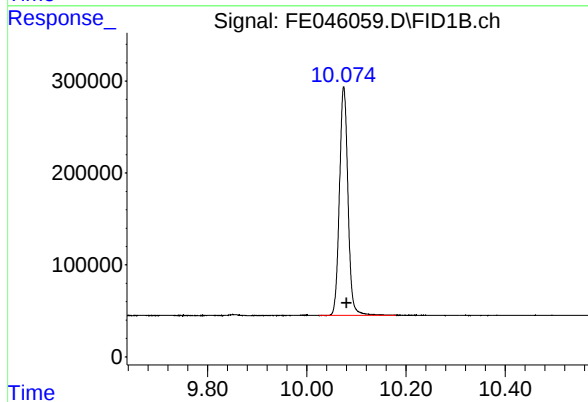
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 2978327
Conc: 18.71 ug/ml



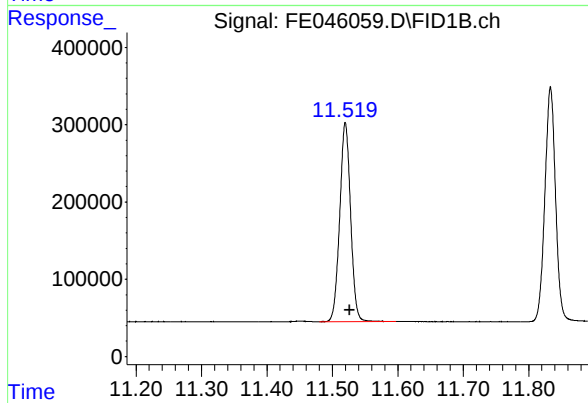
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: -0.007 min
Response: 2907727
Conc: 18.67 ug/ml



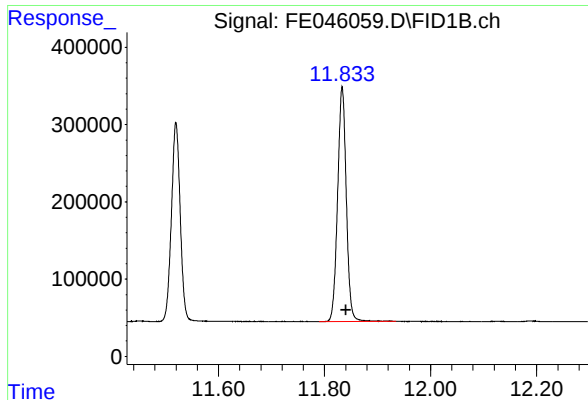
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.006 min
Response: 2961598
Conc: 18.70 ug/ml



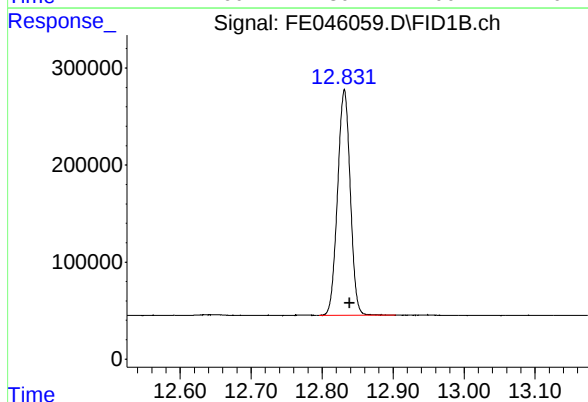
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.007 min
Response: 2973719
Conc: 18.89 ug/ml



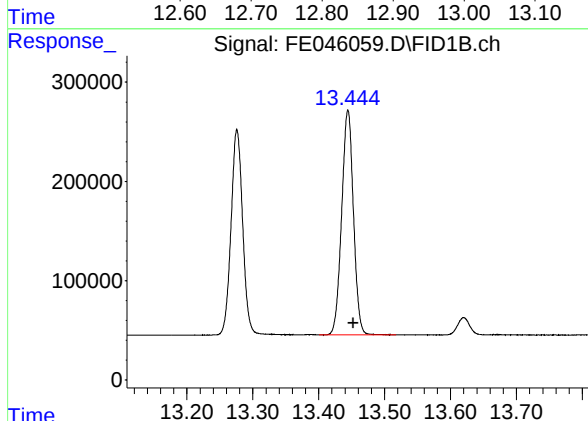
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.007 min
Response: 3455696
Conc: 19.02 ug/ml



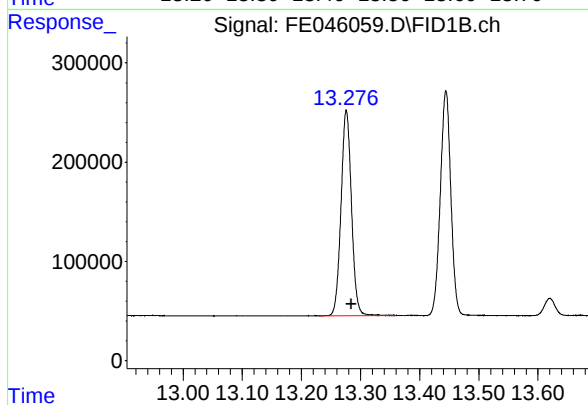
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.007 min
Response: 2889804
Conc: 19.10 ug/ml



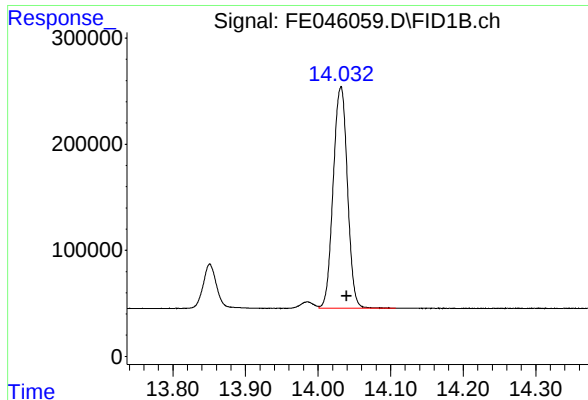
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.008 min
Response: 2810006
Conc: 19.11 ug/ml



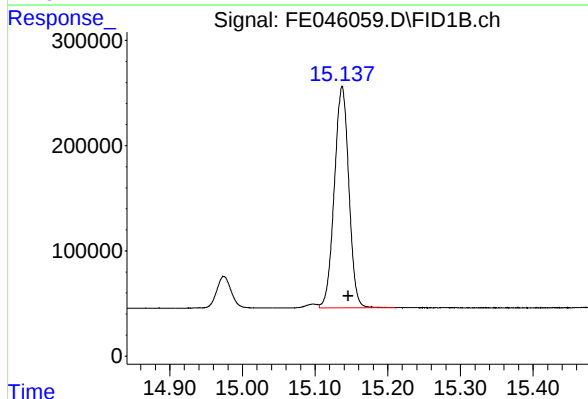
#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.008 min
Response: 2537978
Conc: 19.00 ug/ml



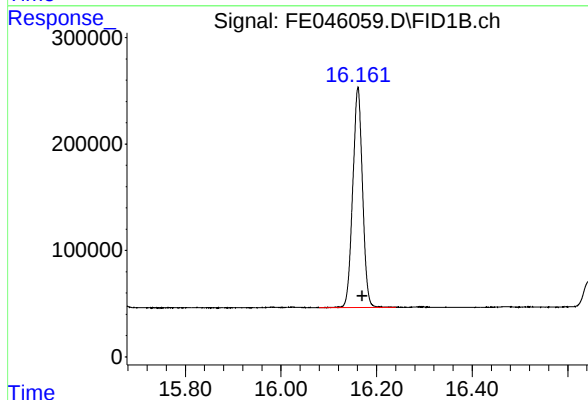
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.008 min
Response: 2849016
Conc: 19.49 ug/ml



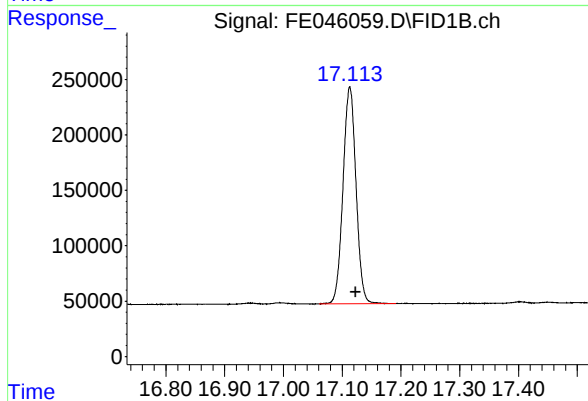
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.008 min
Response: 2923054
Conc: 20.15 ug/ml



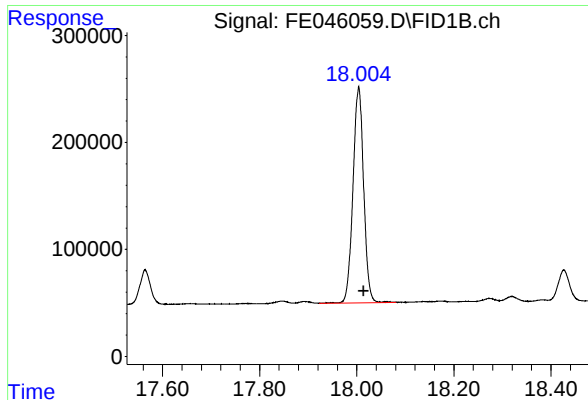
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 2959838
Conc: 20.65 ug/ml



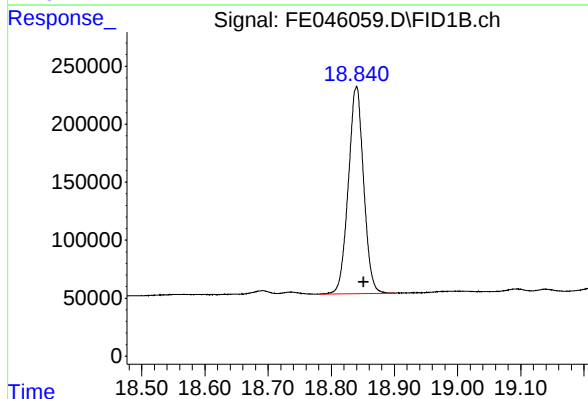
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.010 min
Response: 3009824
Conc: 20.99 ug/ml



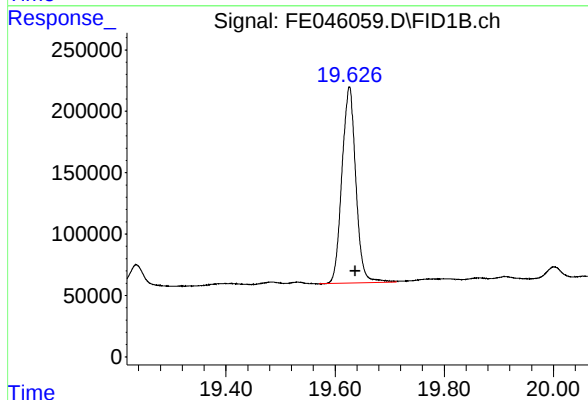
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.010 min
Response: 3080433
Conc: 20.72 ug/ml



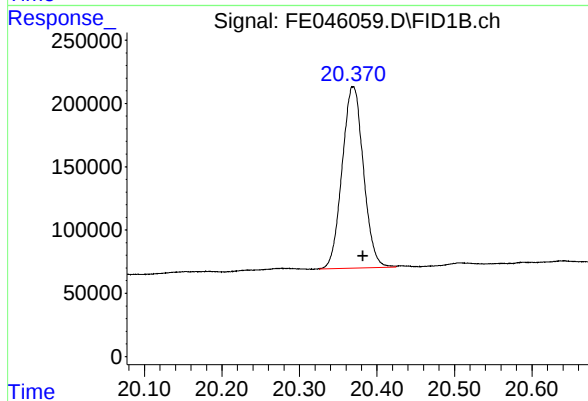
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 3002879
Conc: 20.08 ug/ml



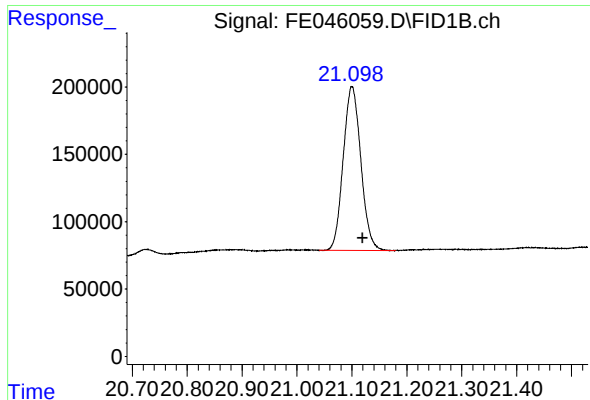
#19 n-Tetatriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.010 min
Response: 2825395
Conc: 19.72 ug/ml



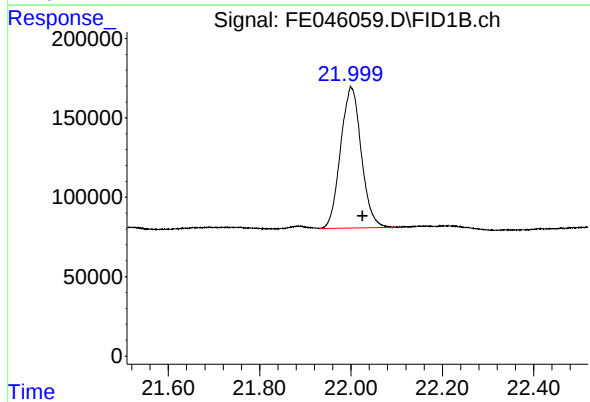
#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.013 min
Response: 2736941
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.020 min
Response: 2712270
Conc: 18.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.025 min
Response: 2789642
Conc: 17.82 ug/ml